

Manitoba Primary Care Quality Indicators Guide

Version 3.0

Introduction

Formerly called the *PIN Information Management Guide*, this document has been renamed to reflect its potential application to primary care sites beyond those participating in the Physician Integrated Network (PIN) initiative. The purpose of this document is to describe the indicators that Manitoba Health, Healthy Living and Seniors has adopted for measuring quality processes in primary care. It identifies the data required to calculate each of the indicators, including the numerator and denominator. This document is applicable to sites using a Manitoba Approved EMR. Indicators identified by ♦ may vary for sites using an EMR product that was previously approved. To learn more, please contact EMRInfo@gov.mb.ca.

Primary Care Quality Indicators

The Canadian Institute of Health Information (CIHI) has developed a set of primary health care indicators with which to compare and measure primary health care at multiple levels within jurisdictions across Canada.¹ A subset of these indicators and a few additional indicators were chosen to measure quality of care provided at primary care sites in Manitoba. These indicators are organized into the following categories:

- Prevention
- Diabetes Management
- Asthma Management
- Congestive Heart Failure Management
- Hypertension Management
- Coronary Artery Disease Management
- Depression Screening (Trial Indicators)
- Chronic Obstructive Pulmonary Disease Management
- Chronic Disease Management for Patients with Co-morbidities
- Osteoporosis Management

Enrolled Patient means a patient:

- who is accepted by a clinic (and family physician or nurse practitioner, if applicable) for ongoing, comprehensive care;
- who agrees that the clinic is their primary care *home clinic* and that the enrolling provider is their regular primary care provider;
- whose mutually accepted relationship to the enrolling primary care home clinic and provider is confirmed and reflected in behaviour such as:
 - the enrolling primary care provider providing and coordinating the patient's ongoing comprehensive medical care; and
 - the patient seeking health care from the enrolling home clinic (and provider) first, whenever possible.

A patient's enrolment continues to be valid until such time as:

- The patient actively consents to enrolment at another clinic; or
- The patient's relationship with the clinic is actively terminated, either by the patient or by the provider in accordance with circumstances permitted by the College of Physicians and Surgeons of Manitoba.

The objective of enrolment is to confirm and record the primary care *home clinic* that the patient considers most responsible for managing their care. A patient may only be enrolled with one clinic at a time. New fields have appeared in Manitoba-approved EMRs to support the enrolment process. They are identified as 'Enrolment Start Date' and 'Enrolment End Date' or alternatively may be titled 'Rostered Start Date' or 'Rostered End Date'.

The following sections describe each of the indicators in their respective categories.

¹ Canadian Institute of Health Information, Enhancing the Primary Health Care Data Collection Infrastructure in Canada Report 2 – Pan-Canadian Primary Health Care Indicator Development Project. 2006

Prevention

2.01 Cervical Cancer Screening	
Numerator	Female enrolled patients 21 to 69 years of age without PAP exemptions who have had a PAP test in the past 36 months Count if ((extract date – last PAP test <=36 months) & (Age >=21 and Age <=69) & (Gender = F) & (PAP Exemption = false))
Denominator	Female enrolled patients 21 to 69 years of age without PAP exemptions Count if (Age >=21 or Age <=69) & (Gender = F) & (PAP Exemption = false)
Result	Percentage of female enrolled patients 21 to 69 years of age without PAP exemptions who have had a PAP test in the past 36 months
CIHI	Derived from indicator # 50

2.02 Colon Cancer Screening	
Numerator	Enrolled patients 50 to 74 years of age who have had an FOBT test in the past 24 months or colonoscopy in the last 10 years Count if (((extract date – last FOBT test <= 24 months) OR (extract date – last colonoscopy date <= 10 years)) & (Age >= 50 and Age <=74))
Denominator	Enrolled patients 50 to 74 years of age Count if (Age >=50 and Age <=74)
Result	Percentage of enrolled patients 50 to 74 years of age who have had a FOBT in the past 24 months or colonoscopy in the last 10 years
CIHI	Derived from indicator # 48

2.03 Breast Cancer Screening	
Numerator	Female enrolled patients 50 to 74 years of age without mammography exemptions who have had a mammography test within the past 24 months Count if ((extract date - last Mammography test <=24 months) & (Age >=50 and Age <=74) & (Gender = F) & (Mammography Exemption = false))
Denominator	Female enrolled patients 50 to 74 years of age without mammography exemptions Count if (Age >=50 and Age <=74) & (Gender = F) & (Mammography Exemption = false)
Result	Percentage of female enrolled patients 50 to 74 years of age without mammography exemptions who have had a mammography test within the past 24 months
CIHI	Derived from indicator # 49

2.04 Dyslipidemia Screening for Women	
Numerator	Female enrolled patients 50 to 69 years of age who have had a lipid test in the past 60 months & no Statins prescribed in the last 12 months Count if ((extract date - last full fasting lipid test <=60 months) or (extract date – last lipid test<=60 months) & (Age >=50 and Age <=69) & (Gender = F))
Denominator	Female enrolled patients 50 to 69 years of age Count if (Age >=50 and Age <=69) & (Gender = F) & no Statins prescribed in the last 12 months
Result	Percentage of female enrolled patients 50 to 69 years of age and not on Statins who have had a lipid screening in the past 60 months
CIHI	Derived from indicator # 52

2.05 Dyslipidemia Screening for Men	
Numerator	Male enrolled patients 40 to 69 years of age who have had a lipid test in the past 60 months & no Statins prescribed in the last 12 months Count if ((extract date - last full fasting lipid test <=60 months) or (extract date – last lipid test<=60 months) & (Age >=40 and Age <=69) & (Gender = M))
Denominator	Male enrolled patients 40 to 69 years of age Count if (Age >=40 and Age <=69) & (Gender = M) & no Statins prescribed in the last 12 months
Result	Percentage of male enrolled patients 40 to 69 years of age and not on Statins who had a lipid screening in the past 60 months
CIHI	Derived from indicator # 53

2.06♦ Diabetes Screening	
Numerator	Enrolled patients 40 to 74 years of age without diabetes who have had a fasting blood sugar test in the past 36 months Count if (((extract date - last fasting blood sugar test <=36 months) or (extract date - last of your last A1c Screening <=36 months)) & (Age >=40 and Age <=74) & (Diabetes Mellitus in Problem list = false))
Denominator	Enrolled patients 40 to 74 years of age without diabetes Count if ((Age >=40 and Age <=74) & (Diabetes Mellitus in Problem list = false))
Result	Percentage of enrolled patients 40 to 74 years of age without diabetes who have had a fasting blood sugar test in the past 36 months
CIHI	Not applicable

2.07 MMR Immunization

Numerator	Enrolled patients seven years of age who have had the Measles, Mumps, and Rubella (MMR) vaccination or guardians have been counselled on the recommended childhood immunizations Count if ((extract date – last Childhood Immunizations Counselling <= 7 years) or (extract date – last MMR vaccination <= 7 years) & (Age = 7))
Denominator	Enrolled patients seven years of age Count if (Age =7)
Result	Percentage of enrolled patients seven years of age who have had the MMR vaccination by age seven or whose parents or guardians have been counselled on the recommended childhood immunizations
CIHI	Derived from indicator # 44

2.08 Influenza Immunization 65+

Numerator	Enrolled patients 65 years of age and over who have received the influenza immunization or counselling for the influenza immunization in the past 12 months Count if (((extract date - last influenza immunization counselling <=12 months) or (extract date - last influenza immunization vaccination <=12 months)) & (Age >=65))
Denominator	Enrolled patients 65 years of age and over Count if (Age >=65)
Result	Percentage of enrolled patients 65 years of age and over who have received the influenza immunization or counselling for the influenza immunization in the past 12 months
CIHI	Derived from indicator # 41

2.09 Pneumococcal Immunization 65 - 70

Numerator	Enrolled patients 65 to 70 years of age who were not vaccinated prior to age 65, who have been counselled in the last 12 months or who have received the immunization at age 65 or older Count if (65 <= enrolled patient age <=70) and (Pneumococcal vaccination < 65 years of age = false) and ((Pneumococcal vaccination counsel <=12 months ago) or (Date of pneumococcal vaccination – Date of birth >= 65 years of age))
Denominator	Enrolled patients 65 to 70 years of age who have not previously had the immunization Count if (65 <= enrolled patient age <=70) and (Pneumococcal vaccination < 65 years of age = false)
Result	Percentage of enrolled patients 65 to 70 years of age who have not previously had the immunization that have been counselled in the last 12 months or who have received the immunization at age 65 or older
CIHI	Derived from indicator # 42

2.11 Blood Pressure Measurement

Numerator	Enrolled patients 18 years of age and over who have had a blood pressure measurement taken in the past 24 months Count if ((extract date - last blood pressure measurement <= 24 months)
-----------	---

	& (Age >=18))
Denominator	Enrolled patients 18 years of age and over Count if (Age >=18)
Result	Percentage of enrolled patients 18 years of age and over who have had a blood pressure measurement taken in the past 24 months
CIHI	Derived from indicator # 54

2.12 Advice on Physical Activity	
Numerator	Enrolled patients 12 years of age and over who have been given physical activity advice in the past 24 months Count if (extract date - last weight/exercise activity advice given <=24 months) & (Age >=12))
Denominator	Enrolled patients 12 years of age and over Count if (Age >=12)
Result	Percentage of enrolled patients 12 years of age and over who have been given physical activity advice in the past 24 months
CIHI	Derived from indicator # 17

2.13 Smoking Cessation Counseling	
Numerator	Enrolled patients 12 years of age and over who are current smokers and have been given smoking cessation counseling in the past 24 months Count if ((Smoking Status = 1)) & (extract date - last smoking cessation counseling given <=24 months) & ((Age >=12))
Denominator	Enrolled patients 12 years of age and over who are smokers Count if ((Smoking Status = 1) & ((Age >=12)
Result	Percentage of enrolled patients 12 years of age and over who are current smokers and have been given smoking cessation counseling in the past 24 months
CIHI	Derived from indicator # 14

2.14 Obesity/Overweight Screening	
Numerator	Enrolled patients 12 years of age and over who have received an obesity/overweight screening in the past 24 months Count if ((extract date - Last overweight status screening date <=24 months) & (Age >= 12 years))
Denominator	Enrolled patients 12 years of age and over Count if Age >= 12 years

Result	Percentage of enrolled patients 12 years of age and over who have received an obesity/overweight screening in the past 24 months
CIHI	Derived from indicator # 13

2.15♦ Chronic Obstructive Pulmonary Disease at Risk Screening

Numerator	<p>Enrolled patients 40 years of age or older without COPD who are current or former smokers and have been screened for symptoms consistent with COPD in the past 24 months</p> <p>Count if (((Smoking status = 1) or (Smoking status = 2)) & (CTS questions <> blank) & (extract date – COPD at risk screening date <=24 months) & (Age >=40) & (COPD Diagnosis <> 1))</p>
Denominator	<p>Enrolled patients 40 years of age or older without COPD who are current or former smokers</p> <p>Count if (((Smoking status = 1) or (Smoking status = 2)) & (Age >=40) & (COPD Diagnosis <> 1))</p>
Result	Percentage of enrolled patients 40 years of age and over without COPD who are current or former smokers and have been screened for symptoms consistent with COPD in the past 24 months
CIHI	Not applicable

2.16♦ Chronic Obstructive Pulmonary Disease Screening Using Spirometry

Numerator	<p>Enrolled patients 40 years of age or older who meet either of the following criteria:</p> <ol style="list-style-type: none"> 1. Have been diagnosed with COPD in the last 12 months. 2. Have not been diagnosed with COPD but are current or former smokers and have answered "yes" to one or more of the CTS Questionnaire and have received a spirometry test in the last 24 months. <p>Count if (age >= 40) & (((COPD Diagnosis = 1) &(extract date -COPD Diagnosis date<=12 months)) Or (((Smoking Status = 1) or (Smoking Status = 2))&(COPD Diagnosis <>1) &(CTS Questionnaire results >0))) &(extract date – date of last spirometry <= 24 months)</p>
Denominator	<p>Enrolled patients 40 years of age or older who meet either of the following criteria:</p> <ol style="list-style-type: none"> 1. Have been diagnosed with COPD in the last 12 months. 2. Have not been diagnosed with COPD but are current or former smokers and have answered "yes" to one or more of the CTS Questionnaire. <p>Count if (age >= 40) & (((COPD Diagnosis = 1) &(extract date -COPD Diagnosis date<=12 months)) Or (((Smoking Status = 1) or (Smoking Status = 2))&(COPD Diagnosis <>1) &(CTS Questionnaire results >0)))</p>
Result	<p>Enrolled patients 40 years of age or older who meet either of the following criteria:</p> <ol style="list-style-type: none"> 1. Have been diagnosed with COPD in the last 12 months.

	2. Have not been diagnosed with COPD but are current or former smokers and have answered "yes" to one or more of the CTS Questionnaire and have received a spirometry test in the last 24 months.
CIHI	Not applicable

Diabetes Management

3.01 A1c	
Numerator	Enrolled patients with diabetes who have had the A1c test in the past 6 months Count if ((Diabetes Mellitus in Problem list = true) & (extract date - last A1c test <= 6 months))
Denominator	Enrolled patients with diabetes Count if ((Diabetes Mellitus in Problem list = true))
Result	Percentage of enrolled patients with diabetes who have had the A1c test in the past 6 months
CIHI	Derived from indicator # 57

3.02 Nephropathy Screening	
Numerator	Enrolled patients 12 years of age and over with diabetes who have had nephropathy screening in the past 12 months Count if ((Diabetes Mellitus in Problem list = true) & (Age >= 12 years) & (extract date - last Nephropathy test <=12 months) OR (Documented Nephropathy = true))
Denominator	Enrolled patients 12 years of age and over with diabetes Count if ((Diabetes Mellitus in Problem list = true) & (Age >= 12 years))
Result	Percentage of enrolled patients 12 years of age and over with diabetes who have had nephropathy screening in the past 12 months
CIHI	Derived from indicator # 57

3.03 Fundoscopic Exams	
Numerator	Enrolled patients 15 years of age and over with diabetes who have had a fundoscopic exam or a referral for a fundoscopic exam within the last 12 months Count if ((Diabetes Mellitus in Problem list = true) & (extract date - last fundoscopic exam (or fundoscopic referral) <=12 months) & (Age >= 15))
Denominator	Enrolled patients 15 years of age and over with diabetes Count if ((Diabetes Mellitus in Problem list = true) & (Age >=15))
Result	Percentage of enrolled patients 15 years of age and over with diabetes who have had a fundoscopic exam or a referral for a fundoscopic exam within the last 12 months
CIHI	Derived from indicator # 58

3.04 Foot Exams	
Numerator	Enrolled patients with diabetes who have had a foot exam in the past 12 months Count if ((Diabetes Mellitus in Problem list = true) & ((extract date - last foot exam <= 12 months))
Denominator	Enrolled patients with diabetes Count if ((Diabetes Mellitus in Problem list = true)
Result	Percentage of enrolled patients with diabetes who have had a foot exam in the past 12 months
CIHI	Not applicable

3.05 Lipid Profile Screening	
Numerator	Enrolled patients 74 years of age or under with diabetes who have had a lipid test in the past 60 months & no Statins prescribed in the last 12 months Count if ((Diabetes Mellitus in Problem list = true) & ((extract date - last full fasting lipid test <=60 months) or (extract date - last lipid test <=60 months)) & (Age <=74))
Denominator	Enrolled patients 74 years of age or under with diabetes Count if ((Diabetes Mellitus in Problem list = true) & (Age <=74) & no Statins prescribed in the last 12 months
Result	Percentage of enrolled patients 74 years of age or under with diabetes and not on Statins who have had a lipid screening in the past 60 months
CIHI	Derived from indicator # 57

3.06 Blood Pressure Measurement	
Numerator	Enrolled patients with diabetes who have had a blood pressure measurement taken in the past 12 months Count if ((Diabetes Mellitus in Problem list = true) & (extract date - last blood pressure measurement <=12 months))
Denominator	Enrolled patients with diabetes Count if ((Diabetes Mellitus in Problem list = true))
Result	Percentage of enrolled patients with diabetes who have had a blood pressure measurement taken in the past 12 months
CIHI	Derived from indicator # 57

3.07 Obesity/Overweight Screening	
Numerator	Enrolled patients with diabetes who have received an obesity/overweight screening in the past 12 months Count if ((Diabetes Mellitus in Problem list = true) & (extract date - last obesity screening <=12 months))

Denominator	Enrolled patients with diabetes Count if ((Diabetes Mellitus in Problem list = true))
Result	Percentage of enrolled patients with diabetes who have received an obesity/overweight screening in the past 12 months
CIHI	Derived from indicator # 57

Asthma Management

4.03 Patients with Asthma Action Plans	
Numerator	Enrolled patients 6 to 55 years of age with asthma with an asthma action plan developed and/or reviewed within the past 12 months. Count if ((Asthma in problem list = true) & ((extract date - asthma action plan developed <= 12 months) OR (extract date - asthma action plan reviewed <= 12 months)) & ((Age >=6) and (Age <=55)))
Denominator	Enrolled patients 6 to 55 years of age with asthma Count if ((Asthma in problem list = true) & ((Age >= 6) and (Age <= 55)))
Result	Percentage of enrolled patients 6 to 55 years of age with asthma with an asthma action plan developed and/or reviewed within the past 12 months.
CIHI	Not applicable

Congestive Heart Failure Management

5.02 Obesity/Overweight Screening	
Numerator	Enrolled patients 18 years of age and over with congestive heart failure who have received an obesity/overweight screening in the past 12 months Count if ((Congestive Heart Failure in problem list = true) & (extract date - last obesity screening <= 12 months) & (Age >=18))
Denominator	Enrolled patients 18 years of age and over with congestive heart failure Count if ((Congestive Heart Failure in problem list = true) & (Age >=18))
Result	Percentage of enrolled patients 18 years of age and over with congestive heart failure who have received an obesity/overweight screening in the past 12 months
CIHI	Derived from indicator # 55

5.03 ACE Inhibitor	
Numerator	Enrolled patients 18 years of age and over with congestive heart failure who are using ACE inhibitors or ARB Count if ((Congestive Heart Failure in problem list = true) & (Using ACE inhibitors or ARB = true) & (Age >=18))

Denominator	Enrolled patients 18 years of age and over with congestive heart failure Count if ((Congestive Heart Failure in problem list = true) & (Age >=18)& (exemption for ACE inhibitors or ARB prescription = blank)
Result	Percent of enrolled patients 18 years of age and over with congestive heart failure without exemptions from using ACE Inhibitors / ARB (LVEF=>40% and/or any other) who are using ACE inhibitors or ARB
CIHI	Derived from indicator # 60

5.04 Lipid Profile Screening	
-------------------------------------	--

Numerator	Enrolled patients 18 to 74 years of age with congestive heart failure who have had a lipid test in the past 60 months & no Statins prescribed in the last 12 months Count if ((Congestive Heart Failure in problem list = true) & (extract date - last full fasting lipid test <=60 months) or (extract date – last lipid test<=60 months) & (Age >=18 and Age <=74))
Denominator	Enrolled patients 18 to 74 years of age with congestive heart failure Count if ((Congestive Heart Failure in problem list = true) & (Age >=18 and Age <=74) & no Statins prescribed in the last 12 months
Result	Percentage of enrolled patients 18 to 74 years of age with congestive heart failure and not on Statins who had a lipid screening in the past 60 months
CIHI	Derived from indicator # 55

5.05 Blood Pressure Measurement	
--	--

Numerator	Enrolled patients 18 years of age and over with congestive heart failure who have had a blood pressure measurement taken in the past 12 months Count if ((Congestive Heart Failure in problem list = true) & (extract date - last blood pressure measurement <= 12 months) & (Age >=18))
Denominator	Enrolled patients 18 years of age and over with congestive heart failure Count if ((Congestive Heart Failure in problem list = true) & (Age >=18)
Result	Percentage of enrolled patients 18 years of age and over with congestive heart failure who have had a blood pressure measurement taken in the past 12 months
CIHI	Derived from indicator # 55

5.06♦ Diabetes Screening	
---------------------------------	--

Numerator	Enrolled patients 18 years of age and over with congestive heart failure that do not have diabetes who have had a fasting blood sugar or A1c test in the past 12 months Count if ((Congestive Heart Failure in problem list = true) & ((extract date - last fasting blood sugar test <= 12 months) or (extract date – last A1c test <=12 months)) & (Age >=18) & (Diabetes Mellitus in Problem list = false))
-----------	--

Denominator	Enrolled patients 18 years of age and over with congestive heart failure that do not have diabetes Count if ((Congestive Heart Failure in problem list = true) & (Age >=18) & (Diabetes Mellitus in Problem list = false))
Result	Percentage of enrolled patients 18 years of age and over with congestive heart failure that do not have diabetes who have had a fasting blood sugar test in the past 12 months
CIHI	Derived from indicator # 55

Hypertension Management

6.01♦ Diabetes Screening	
Numerator	Enrolled patients 18 years of age and over with hypertension that do not have diabetes who have had a fasting blood sugar or A1c test in the past 12 months Count if ((Hypertension in problem list = true) & ((extract date - last fasting blood sugar test <= 12 months) or (extract date – last A1c test <=12 months)) & (Age >=18) & (Diabetes Mellitus in Problem list = false))
Denominator	Enrolled patients 18 years of age and over with hypertension that do not have diabetes Count if ((Hypertension in problem list = true) & (Age >=18) & (Diabetes Mellitus in Problem list = false))
Result	Percentage of enrolled patients 18 years of age and over with hypertension that do not have diabetes who have had a fasting blood sugar test in the past 12 months
CIHI	Derived from indicator # 56

6.02♦ Lipid Profile Screening	
Numerator	Enrolled patients 18 to 74 years of age with hypertension without Lipid exemptions who have had a lipid test in the past 60 months & no Statins prescribed in the last 12 months Count if ((Hypertension in problem list = true) & ((extract date - last full fasting lipid test <=60 months) or (extract date – last lipid test <=60 months) & (Age >=18 and Age <=74)) & lipid test exemption =blank
Denominator	Enrolled patients 18 to 74 years of age with hypertension without Lipid exemptions Count if ((Hypertension in problem list = true) & (Age >=18 and Age <=74) & lipid test exemption =blank & no Statins prescribed in the last 12 months
Result	Percentage of enrolled patients 18 to 74 years of age with hypertension without exemptions for lipid screening and are not on Statins who have had a lipid screening in the past 60 months
CIHI	Derived from indicator # 56

6.03 Test to detect renal dysfunction (e.g. serum creatinine)	
--	--

Numerator	Enrolled patients 18 years of age and over with hypertension who have had a test to detect renal dysfunction in the past 12 months Count if ((Hypertension in problem list = true) & (extract date - last test to detect renal dysfunction <=12 months) & (Age >=18))
Denominator	Enrolled patients 18 years of age and over with hypertension Count if ((Hypertension in problem list = true) & (Age >=18))
Result	Percentage of enrolled patients 18 years of age and over with hypertension who have had a test to detect renal dysfunction in the past 12 months
CIHI	Derived from indicator # 56

6.04 Blood Pressure Measurement

Numerator	Enrolled patients 18 years of age and over with hypertension who have had a blood pressure measurement taken in the past 12 months Count if ((Hypertension in problem list = true) & (extract date - last blood pressure measurement <= 12 months) & (Age >=18))
Denominator	Enrolled patients 18 years of age and over with hypertension Count if ((Hypertension in problem list = true) & (Age >=18))
Result	Percentage of enrolled patients 18 years of age and over with hypertension who have had a blood pressure measurement taken in the past 12 months
CIHI	Derived from indicator # 56

6.05 Obesity/Overweight Screening

Numerator	Enrolled patients 18 years of age and over with hypertension who have received an obesity/overweight screening in the past 12 months Count if ((Hypertension in problem list = true) & (extract date - last obesity screening <= 12 months) & (Age >=18))
Denominator	Enrolled patients 18 years of age and over with hypertension Count if ((Hypertension in problem list = true) & (Age >=18))
Result	Percentage of enrolled patients 18 years of age and over with hypertension who have received an obesity/overweight screening in the past 12 months
CIHI	Derived from indicator # 56

Coronary Artery Disease Management

7.01 ♦ Diabetes Screening

Numerator	Enrolled patients 18 years of age and over with coronary artery disease that do not have diabetes who have had a fasting blood sugar or A1c test in the past 12 months
-----------	--

	Count if ((Hypertension in problem list = true) & ((extract date - last fasting blood sugar test <= 12 months) or (extract date – last A1c test <=12 months)) & (Age >=18) & (Diabetes Mellitus in Problem list = false))
Denominator	Enrolled patients 18 years of age and over with coronary artery disease that do not have diabetes Count if ((Coronary Artery Disease in problem list = true) & (Age >=18) & (Diabetes Mellitus in Problem list = false))
Result	Percentage of enrolled patients 18 years of age and over with coronary artery disease that do not have diabetes who have a fasting blood sugar test in the past 12 months
CIHI	Derived from indicator # 55

7.02 Lipid profile screening	
Numerator	Enrolled patients 18 to 74 years of age and over with coronary artery disease who have a lipid test in the past 60 months & no Statins prescribed in the last 12 months Count if ((Coronary Artery Disease in Problem list = true) & ((extract date - last full fasting lipid test <=60 months) or (extract date – last lipid test <=60 months)) & (Age >=18 and Age <=74))
Denominator	Enrolled patients 18 to 74 years of age and over with coronary artery disease Count if ((Coronary Artery Disease in problem list = true) & (Age >=18 and Age <=74) & no Statins prescribed in the last 12 months
Result	Percentage of enrolled patients 18 to 74 years of age and over with coronary artery disease and not on Statins who had a lipid screening in the past 60 months
CIHI	Derived from indicator # 55

7.03 Blood Pressure Measurement	
Numerator	Enrolled patients 18 years of age and over with coronary artery disease who have had a blood pressure measurement taken in the past 12 months Count if ((Coronary Artery Disease in problem list = true) & (extract date - last blood pressure measurement <= 12 months) & (Age >=18))
Denominator	Enrolled patients 18 years of age and over with coronary artery disease Count if ((Coronary Artery Disease in problem list = true) & (Age >=18))
Result	Percentage of enrolled patients 18 years of age and over with coronary artery disease who have had a blood pressure measurement taken in the past 12 months
CIHI	Derived from indicator # 55

7.04 Obesity/Overweight Screening	
--	--

Numerator	Enrolled patients 18 years of age and over with coronary artery disease who have received an obesity/overweight screening in the past 12 months Count if ((Coronary Artery Disease in problem list = true) & (extract date - last obesity screening <= 12 months) & (Age >=18))
Denominator	Enrolled patients 18 years of age and over with coronary artery disease Count if ((Coronary Artery Disease in problem list = true) & (Age >=18))
Result	Percentage of enrolled patients 18 years of age and over with coronary artery disease who have received an obesity/overweight screening in the past 12 months
CIHI	Derived from indicator # 55

7.05 Lipid Reduction Counselling

Numerator	Enrolled patients between 18 and 74 years of age with coronary artery disease and with LDL levels greater than 2.0 mmol/L within the last 12 months who have received lipid reduction counselling or a prescription for lipid lowering medication within the past 12 months Count if ((Coronary Artery Disease in problem list = true) & (LDL Level >2.0 mmol/L within the last 12 months) & ((Date of Last Lipid Reduction Counselling given <= 12 months) OR (Last lipid lowering medication prescription date <= 12 months) & (Age >=18 and Age <=74))
Denominator	Enrolled patients between 18 and 74 years of age and over with coronary artery disease and with LDL levels greater than 2.0 mmol/L within the last 12 months Count if ((Coronary Artery Disease in problem list = true) & (LDL Level >2.0 mmol/L within the last 12 months) & (Age >=18 and Age <=74))
Result	Percentage of enrolled patients between 18 and 74 years of age and over with coronary artery disease and with LDL levels greater than 2.0 mmol/L within the last 12 months who have received lipid reduction counselling or a prescription for lipid lowering medication within the past 12 months
CIHI	Derived from indicator # 61

Depression Screening (Trial Indicators)

This section identifies the trial depression screening indicators reported by PIN sites participating in the indicator trial period. Only PIN sites participating in the trial are expected to include the associated data in their quarterly extracts. PIN Sites not participating in the trial initiative are not required to capture or report data associated with these indicators.

8.01 Depression Screening (Trial)

Numerator	Enrolled patients 18 to 69 years of age who: <ul style="list-style-type: none"> • Have been administered PHQ-2 in the last 12 months, and • Have answered both PHQ-2 questions, and
-----------	---

	<ul style="list-style-type: none"> • Did not have an active depression diagnosis prior to administration of PHQ-2, and • Have one or more of the following chronic diseases or conditions: <ul style="list-style-type: none"> ➤ Diabetes ➤ Congestive heart failure ➤ Coronary artery disease ➤ Women who have given birth within the past 12 months <p>Count if (((date of active depression diagnosis = NULL) OR (date of active depression diagnosis >= date of PHQ-2 administration)) & (extract date – date of last PHQ-2 administration <= 12 months) & (both PHQ-questions answered = true) & ((Diabetes Mellitus in Problem list = true) OR (CHF in Problem list = true) OR (CAD in Problem list = true) OR (extract date - live birth <= 12 months)) & (18 <= enrolled patient age <= 69))</p>
Denominator	<p>Enrolled patients 18 to 69 years of age who:</p> <ul style="list-style-type: none"> • Did not have an active depression diagnosis prior to administration of PHQ-2, and • Have one or more of the following chronic diseases or conditions: <ul style="list-style-type: none"> ➤ Diabetes ➤ Congestive heart failure ➤ Coronary artery disease ➤ Women who have given birth within the past 12 months <p>Count if (((date of active depression diagnosis = NULL) OR (date of active depression diagnosis >= date of PHQ-2 administration)) & ((Diabetes Mellitus in Problem list = true) OR (CHF in Problem list = true) OR (CAD in Problem list = true) OR (extract date - live birth <= 12 months)) & (18 <= enrolled patient age <= 69))</p>
Result	Percentage of enrolled patients 18 to 69 years of age identified as high risk who have answered both PHQ-2 questions within the last 12 months
CIHI	Not applicable

8.02 Depression Screening Follow-up (Trial)

Numerator	<p>Enrolled patients 18 to 69 years of age who:</p> <ul style="list-style-type: none"> • Have been administered PHQ-2 in the last 12 months, and • Have answered both PHQ-2 questions, and • Answered one or both PHQ-2 questions positively, and • Have had a follow-up appointment within 4 weeks of PHQ-2 administration, and • Did not have an active depression diagnosis prior to administration of PHQ-2, and • Have one or more of the following chronic diseases or conditions: <ul style="list-style-type: none"> ➤ Diabetes ➤ Congestive heart failure ➤ Coronary artery disease ➤ Women who have given birth within the past 12 months
-----------	---

	Count if ((date of follow-up assessment - date of PHQ-2 administration <= 4 weeks) & (follow-up outcome selected = TRUE) & ((date of active depression diagnosis = NULL) OR (date of active depression diagnosis >= date of PHQ-2 administration)) & (extract date – date of PHQ-2 administration <= 12 months) & (both PHQ-questions answered = true) & (One or both PHQ-2 questions answered positively) & ((Diabetes Mellitus in Problem list = true) OR (CHF in Problem list = true) OR (CAD in Problem list = true) OR (extract date - live birth <= 12 months)) & (18 <= enrolled patient age <= 69))
Denominator	<p>Enrolled patients 18 to 69 years of age who:</p> <ul style="list-style-type: none"> • Have been administered PHQ-2 in the last 12 months, and • Have answered both PHQ-2 questions, and • Answered one or both PHQ-2 questions positively, and • Did not have an active depression diagnosis prior to administration of PHQ-2, and • Have one or more of the following chronic diseases or conditions: <ul style="list-style-type: none"> ➢ Diabetes ➢ Congestive heart failure ➢ Coronary artery disease ➢ Women who have given birth within the past 12 months <p>Count if (((date of active depression diagnosis = NULL) OR (date of active depression diagnosis >= date of PHQ-2 administration)) & (extract date – date of PHQ-2 administration <= 12 months) & (both PHQ-2 questions answered = true) & (One or both PHQ-2 questions answered positively) & ((Diabetes Mellitus in Problem list = true) OR (CHF in Problem list = true) OR (CAD in Problem list = true) OR (extract date - live birth <= 12 months)) & (18 <= enrolled patient age <= 69))</p>
Result	Percentage of enrolled patients 18 to 69 years of age identified as high risk who have given a positive answer to one or more PHQ-2 questions within the last 12 months and had a follow-up assessment completed within 4 weeks of the initial depression screening
CIHI	Not applicable

Osteoporosis Management

10.01 ♦ Osteoporosis screening	
Numerator	<p>Enrolled patients 50 years of age and over with a known Manitoba Bone Density post-fracture notification letter who have received an osteoporosis follow-up assessment within 12 months of clinic receipt of the letter.</p> <p>Count if ((extract date – receipt post-fracture notification letter <= 12 months) & (Age >=50) & ((extract date – bone mineral density test <= 12 months from date of receipt of post-fracture notification letter) or (extract date – last osteoporosis medication prescription <= 12 months from date of receipt of post-fracture notification letter) or (extract date – action plan review <=12 months from date of receipt of post-fracture notification letter))</p>
Denominator	<p>Enrolled patients 50 years of age and over with a known Manitoba Bone Density post-fracture notification letter in the past 12 months.</p> <p>Count if ((extract date – date of receipt post-fracture notification letter <= 12 months) & (Age >=50))</p>

Result	Percentage of Enrolled patients 50 years of age and over with a known Manitoba Bone Density post-fracture notification letter who have received an osteoporosis follow-up assessment within 12 months of clinic receipt of the letter
CIHI	Not applicable

10.02♦ Osteoporosis on-going care

Numerator	<p>Enrolled patients 50 years of age or over with a diagnosis of osteoporosis who have one of the following criteria:</p> <ul style="list-style-type: none"> • Have had a prescription for osteoporosis medication in the last 12 months • Have had a prescription for bisphosphonate medication in the last 12 months • Have an Osteoporosis action plan review in the last 12 months <p>Count if (((Osteoporosis in Problem list = true) & (Age >=50)) & ((extract date – last osteoporosis medication prescription <= 12 months) Or(extract date – last prescribed bisphosphonate <= 12 months) Or(osteoporosis action plan reviewed <=12 months)))</p>
Denominator	<p>Enrolled patients 50 years of age or over with a diagnosis of osteoporosis who have one of the following criteria:</p> <ul style="list-style-type: none"> • Have had a prescription for osteoporosis medication in the last 60 months • Have had a prescription for bisphosphonate medication in the last 60 months • Have an Osteoporosis action plan <p>Count if (((Osteoporosis in Problem list = true) & (Age >=50)) & ((extract date - last osteoporosis medication prescription <= 60 months) Or(extract date - last prescribed bisphosphonate <= 60 months) Or(Osteoporosis Action plan = Yes)))</p>
CIHI	Not applicable

COPD Management

11.01 COPD - Smoking Status Indicator

Descriptive Definition	Percentage of enrolled patients with a COPD diagnosis who have been asked about their smoking status in the past 12 months
Numerator	<p>Enrolled patients with a COPD diagnosis who have been asked about their smoking status in the past 12 months</p> <p>Count if (COPD diagnosis in problem list = true) & (extract date – last asked about smoking status <=12 months)</p>
Denominator	<p>Enrolled patients with COPD diagnosis</p> <p>Count if ((COPD diagnosis in problem list = true)</p>
Result	Percentage of enrolled patients with a COPD diagnosis who have been asked about their smoking status in the past 12 months.
CIHI	NA

11.02 COPD - Smoking Cessation Indicator

Descriptive Definition	Percentage of enrolled patients with a COPD diagnosis who are current or past smokers and have been given smoking cessation counseling in the past 12 months
Numerator	Enrolled patients with a COPD diagnosis who are current or past smokers and have been given smoking cessation counseling in the past 12 months Count if (COPD diagnosis in problem list = true) & (extract date – last smoking cessation counseling <=12 months)
Denominator	Enrolled patients with COPD diagnosis who are smokers or have a history of smoking Count if ((COPD diagnosis in problem list = true) & (Smoking Status = 1 or had history of smokers))
Result	Percentage of enrolled patients with a COPD diagnosis who are current smokers or past smokers and have been given smoking cessation counseling in the past 12 months.
CIHI	NA

11.03 COPD Influenza Immunization Indicator

Descriptive Definition	Percentage of enrolled patients with a COPD diagnosis who have received the influenza immunization or counseling for the influenza immunization in the past 12 months
Numerator	Enrolled patients with a COPD diagnosis and who have received the influenza immunization or counseling for the influenza immunization in the past 12 months Count if ((COPD diagnosis in problem list = true) & (extract date - last influenza immunization counseling <=12 months) or (extract date - last influenza immunization <=12 months))
Denominator	Enrolled patients with COPD diagnosis Count if (COPD diagnosis in problem list = true)
Result	Percentage of enrolled patients with a COPD diagnosis who have received the influenza immunization or counseling for the influenza immunization in the past 12 months
CIHI	NA

11.04 COPD Pneumococcal Immunization Indicator

Descriptive Definition	Percentage of enrolled patients with a COPD diagnosis who have not previously had the Pneumococcal immunization that have been counseled in the last 12 months or who have received the Pneumococcal immunization
Numerator	Enrolled patients with a COPD diagnosis and who have not previously had the Pneumococcal immunization that have been counseled in the last 12 months or who have received the Pneumococcal immunization Count if (COPD diagnosis in problem list = true) & (Pneumococcal vaccination =false) and ((Pneumococcal immunization counsel<=12months ago) or (Date of Pneumococcal immunization))
Denominator	Enrolled patients with COPD diagnosis Count if (COPD diagnosis in problem list = true) and (Pneumococcal vaccination = false)
Result	Percentage of enrolled patients with a COPD diagnosis who have not previously had the Pneumococcal immunization that have been counseled in the last 12 months or who have received the Pneumococcal immunization
CIHI	NA

Revision Log

Version No.	Description of revision	Date of revision
3.0	<p>2.05 Dyslipidemia Screening for Men</p> <ul style="list-style-type: none"> • Removed the full fasting requirement for lipid test • Added the exemption of Statin treatment • The timeframe has been adjusted to 60 months <p>2.05 Dyslipidemia Screening for Men</p> <ul style="list-style-type: none"> • Removed the full fasting requirement for lipid test • Added the exemption of Statin treatment • The timeframe has been adjusted to 60 months <p>3.05 Renamed to Lipid Profile Screening in Diabetes Management</p> <ul style="list-style-type: none"> • Removed the full fasting requirement for lipid test • Added the exemption of Statin treatment • The timeframe has been adjusted to 60 months <p>5.04 Renamed to Lipid Profile Screening in CHF Management</p> <ul style="list-style-type: none"> • Removed the full fasting requirement for lipid test • Added the exemption of Statin treatment • The timeframe has been adjusted to 60 months <p>5.03 ACE Inhibitor in CHF Management</p> <ul style="list-style-type: none"> • Added the exemption of LVEF => 40% and Other contra-indications <p>6.02 Renamed to Lipid Profile Screening in Hypertension Management</p> <ul style="list-style-type: none"> • Removed the full fasting requirement for lipid test • Added the exemption of Statin treatment • The timeframe has been adjusted to 60 months <p>7.02 Renamed to Lipid Profile Screening in CAD Management</p> <ul style="list-style-type: none"> • Removed the full fasting requirement for lipid test • Added the exemption of Statin treatment • The timeframe has been adjusted to 60 months <p>7.06 Beta Blocker usage in Coronary Artery Disease Management</p> <ul style="list-style-type: none"> • This indicator has been eliminated <p>11.01 COPD - Smoking Status Indicator</p> <ul style="list-style-type: none"> • New indicator added <p>11.02 COPD - Smoking Cessation Indicator</p> <ul style="list-style-type: none"> • New indicator added 	July 2017

	<p>11.03 COPD - Influenza Immunization Indicator</p> <ul style="list-style-type: none"> • New Indicator added <p>11.04 COPD - Pneumococcal Immunization Indicator</p> <ul style="list-style-type: none"> • New Indicator added 	
2.0	<p>2.06 Renamed to Diabetes Screening (prevention file)</p> <ul style="list-style-type: none"> • Added as diagnostic for type 2 diabetes • Either FBS or A1c <= 36 months would fill this requirement <p>2.15 Chronic Obstructive Pulmonary Disease at Risk Screening</p> <ul style="list-style-type: none"> • New indicator added to the Prevention file <p>2.16 Chronic Obstructive Pulmonary Disease Screening using Spirometry</p> <ul style="list-style-type: none"> • New indicator added to the Prevention file <p>5.07 Renamed to Diabetes Screening (CHF)</p> <ul style="list-style-type: none"> • Added as diagnostic for type 2 diabetes • Either FBS or A1c <= 12 months would fill this requirement <p>6.02 Full Fasting Lipid Profile Screening</p> <ul style="list-style-type: none"> • Exemption added for those at low cardiovascular risk to the Hypertension file. • Exemption description added. Numeric value: 1= Framingham Risk Score <10%; 2=disease stable. To be reassessed yearly <p>6.06 Renamed to Diabetes Screening (HTN)</p> <ul style="list-style-type: none"> • Added as diagnostic for type 2 diabetes • Either FBS or A1c <= 12 months would fill this requirement <p>7.07 Renamed to Diabetes Screening (CAD)</p> <ul style="list-style-type: none"> • Added as diagnostic for type 2 diabetes • Either FBS or A1c <= 12 months would fill this requirement <p>10 Osteoporosis Management</p> <ul style="list-style-type: none"> • Osteoporosis management added as its own disease cluster <p>10.01 Osteoporosis screening</p> <ul style="list-style-type: none"> • New indicator added <p>10.02 Osteoporosis on-going care</p> <ul style="list-style-type: none"> • New indicator added <p><u>Document structure alteration:</u> Section 9 "Chronic Disease Management for Patients with Co-morbidities" and section "Data Extract Submission Process for PIN Sites" and has been removed from this document. This document is no longer specific to a single initiative and, as such, initiative-specific instructions are no longer part of this document.</p> <p><u>Document structure alteration:</u> This document is applicable to sites using a Manitoba Approved EMR. Indicators identified by ♦ may vary for sites using an EMR product that was previously approved.</p>	September 2015
1.9.1	2.03 Breast Cancer Screening	December 2014

	<ul style="list-style-type: none"> Expanded age range from 50-69 to 50-74 years, consistent with CIHI's recommendation and CCMB's guidelines (as per April 2013, PIN IAC meeting). 	
1.9	Replaced "core patients" with "enrolled patients" throughout the document, as well as the definition on page 2 accordingly.	September 2014
1.8	<p>2.12 Advice on Physical Activity</p> <ul style="list-style-type: none"> The indicator has been amended to apply to all enrolled patients 12 years of age and over, not only those confirmed as sedentary. 	April 2013
1.7	<p>2.01 Cervical Cancer Screening</p> <ul style="list-style-type: none"> Lower age parameter raised from 18 to 21. <p>2.04 Dyslipidemia Screening for Women</p> <ul style="list-style-type: none"> Lower age parameter lowered from 55 to 50. <p>3.04 Foot Exam</p> <ul style="list-style-type: none"> Documented peripheral neuropathy removed as an exemption. 	December 2012
1.6.2	Corrections made to address typographical errors in indicators 3.06, 3.07 and 7.02.	July 2012
1.6.1	<p>3.01 - HGB A1C</p> <ul style="list-style-type: none"> Change made to correct an ambiguity and confirm indicator is looking for testing performed within the past 6 months. <p>3.05 – Full Fasting Lipid Profile Screening</p> <ul style="list-style-type: none"> Change made reinstate the age cap of 74 years, removed from IM Guide 1.6 in error. 	May 2012
1.6	<p>2.07 – Childhood Immunizations</p> <ul style="list-style-type: none"> MMR immunizations are now used as a proxy for all childhood immunizations <p>2.10 – Breast-Feeding Education</p> <ul style="list-style-type: none"> This section has been moved to "Appendix A" and the date placed on hold has been included in the section. <p>3.01 – HGB 1AC</p> <ul style="list-style-type: none"> The timeframe has been adjusted to 6 months <p>3.02 – Nephropathy Screening</p> <ul style="list-style-type: none"> The age floor of 12 years has been introduced <p>3.04 – Foot Exams</p> <ul style="list-style-type: none"> The age constraint has been removed <p>3.05 – Full Fasting Lipid Profile Screening</p>	Feb 2012

	<ul style="list-style-type: none"> • The age constraint has been removed <p>3.06 – Blood Pressure Measurement</p> <ul style="list-style-type: none"> • The age constraint has been removed <p>3.07 – Obesity/Overweight Screening</p> <ul style="list-style-type: none"> • The age constraint has been removed <p>4.01 – Asthma Control</p> <ul style="list-style-type: none"> • The date placed on hold has been included in this section. <p>4.02 – Emergency Department Visits for Asthma</p> <ul style="list-style-type: none"> • The date placed on hold has been included in this section. <p>5.01 – Emergency Department Visits for Congestive Heart Failure (CHF)</p> <ul style="list-style-type: none"> • The date placed on hold has been included in this section. <p>9.02 – Co-morbidity achievement</p> <ul style="list-style-type: none"> • For determining clinic achievement for management of patients with co-morbidities, the average indicator achievement for patients with two, three, four and five co-morbidities is separately calculated. For each of these groupings, every chronic disease indicator that a patient qualifies for contributes once to the co-morbidity indicator denominator. If the indicator was achieved, it will be counted in the co-morbidity grouping indicator numerator. The achievement applied to the number of eligible patients is used to determine cluster funding. <p>3 – Data Collection</p> <ul style="list-style-type: none"> • This section has been renamed as Data Extract Submission. A new stand alone document titled “Manitoba EMR Data Extract Specification” has been cross referenced for the data extract submission. <p>4 – Data Extract and Reporting Process</p> <ul style="list-style-type: none"> • The reporting process has been removed. 	
1.5	<p>2.02 – Colon Cancer Screening</p> <ul style="list-style-type: none"> • Colonoscopy procedure within the last 10 years is added as an acceptable substitute to the FOBT test within past 24 months for the purpose of the indicator calculation <p>4.03 – Patients with Asthma Action Plans</p> <ul style="list-style-type: none"> • References to “Asthma Self Care Plan” have been changed to “Asthma Action Plan” within the indicator and the Approved Electronic Medical solutions • Review frequency of the asthma action plan of 12 months is added to the indicator calculation <p>7.05 - Lipid Reduction Counselling</p> <ul style="list-style-type: none"> • Lipid level threshold has been changed from 2.5 mmol/L to 2.0 mmol/L 	June 2010

	<p>8.01 – Depression Screening <u>Trial</u> Indicator</p> <ul style="list-style-type: none"> • This trial indicator reported only by sites participating in the trial initiative. PIN Sites not participating in the “Depression Screening” trial initiative are not required to capture or report data associated with this indicator <p>8.02 – Depression Screening Follow-up <u>Trial</u> Indicator</p> <ul style="list-style-type: none"> • This trial indicator reported only by sites participating in the trial initiative. PIN Sites not participating in the “Depression Screening” trial initiative are not required to capture or report data associated with this indicator <p>The following data elements have been added and/or revised in this edition of the Information Management Guide:</p> <p>Prevention Cluster:</p> <ul style="list-style-type: none"> • Field 29 Date of last colonoscopy • Field 30 Date of childhood immunizations confirmation • Field 31 Date of last PHQ-2 administration • Field 32 The character response to the PHQ-2 • Field 33 The date of the depression screening follow-up assessment • Field 34 The depression screening follow-up outcome selected • Field 35 Date of the active depression diagnosis <p>Asthma Cluster:</p> <ul style="list-style-type: none"> • Field 8 Date of the most recent Asthma Action Plan review <p>Coronary Artery Disease Cluster</p> <ul style="list-style-type: none"> • Field 8 LDL Level >2.0 in last 12 months 	
<p>Internal number 1.44</p>	<p>Easy to understand descriptions of each indicator added to section 2</p> <p>Section 3, Data Collection, modified to include information formerly included within the data extract spreadsheet such as type and format, indicators affected, and order in extract. The spreadsheet referenced in Appendix A has been eliminated.</p> <p>Appendix A added illustrating the indicators that have been placed on hold.</p> <p>All discussions of the Nov 26 Evaluation Committee meeting are reflected:</p> <ul style="list-style-type: none"> • 2.07, 2.08, and 2.09 immunization indicators will continue to measure counselling or confirmation of immunizations • 2.09 pneumococcal age range has been changed from everyone 65 and over to everyone 65 to 70 years of age • 2.10 breastfeeding education has been changed to measure education provided in the last two trimesters of pregnancy. There remains a challenge in that not all EMRs have the ability to flag pregnant women. For this reason, PIN will continue to rely upon the live birth date field unless a clinic has developed a mechanism to flag pregnant women. In these unique situations, 	<p>December 2009</p>

	<p>the PIN team will work with the clinic to determine how the calculation will be performed.</p> <ul style="list-style-type: none"> • 2.12 Physical Activity counselling will continue to use the term “sedentary”. The denominator population will be changed from those 12 to 74 to everyone 12 years of age and over (upper limit has been removed). The interval for providing advice has been changed from every 12 months to every 24 months. • 7.05 lipid reduction counselling. While it was decided that the trigger for counselling should be reduced from 2.5 mmol/L to 2.0 mmol/L, this version of the IM guide continues to reference 2.5 mmol/L until required EMR changes have been discussed. 	
1.43	<p>Indicator Revisions following the June 25 PIN Evaluation Committee meeting:</p> <p>2.02 – Colon Cancer Screening</p> <ul style="list-style-type: none"> • FOBT Exemption temporarily removed until changes have been made to the EMRs to allow for the recording of exemption information. Any clinics currently collecting this information should continue to do so as these exemptions will be taken into consideration in the calculations. <p>2.06 - Fasting Blood Sugar Screening</p> <ul style="list-style-type: none"> • Eligible age has been reduced from 50 to 40 years of age • Persons with Diabetes are excluded from the test <p>2.14 - Obesity / Overweight Screening</p> <ul style="list-style-type: none"> • Frequency of screening has been decreased from every 12 months to every 24 months <p>3.03 - Fundoscopic Exams</p> <ul style="list-style-type: none"> • Eligible age has been reduced from 18 to 15 years of age • Frequency of screening has been increased from 24 to every 12 months <p>4.01 - Asthma Control (number of SABA canisters)</p> <ul style="list-style-type: none"> • Data calculation has been temporarily postponed until further notice; removed from section 2 but retained in section 3 <p>4.02 - Emergency Department Visits for Asthma</p> <ul style="list-style-type: none"> • Data calculation has been temporarily postponed until further notice; removed from section 2 but retained in section 3 <p>5.01 - Emergency Department Visits for Congestive Heart Failure (CHF)</p> <ul style="list-style-type: none"> • Data calculation has been temporarily postponed until further notice; removed from section 2 but retained in section 3 <p>5.03 - ACE Inhibitor</p> <ul style="list-style-type: none"> • References to ACE inhibitors or ARB as the first line of treatment have been removed <p>5.06 - Fasting Blood Sugar</p> <ul style="list-style-type: none"> • Persons with Diabetes are excluded from the test <p>6.01 - Fasting Blood Sugar</p> <ul style="list-style-type: none"> • Persons with Diabetes are excluded from the test <p>7.01 - Fasting Blood Sugar</p> <ul style="list-style-type: none"> • Persons with Diabetes are excluded from the test <p>7.06 – Beta Blockers</p> <ul style="list-style-type: none"> • Persons with Asthma are excluded 	November 2009

	<p>Section 3 Data Collection: descriptions modified to better match those descriptions within the Extract Layout spreadsheet.</p> <p>Hyperlink to Extract Layout spreadsheet added to section 3.</p> <p>Page numbers added.</p>	
1.42	<p>From the December 4, 2008 PIN Evaluation Committee meeting - reclassification of the Obesity/Overweight Screening indicator from the Health Risk cluster to the Prevention cluster. Appears as Indicator 2.14 under Prevention.</p> <p>A change has also been made to the data extract layout to reflect this addition to the Prevention extract.</p>	January 2009
1.41	<p>From the December 4, 2008 PIN Evaluation Committee meeting. Revision to indicators with an upper age limit of 75 years. Evaluation Committee agrees that the upper age range for these indicators should be up to 74 years of age, inclusive.</p> <p><u>Indicators revised:</u></p> <p>2.02 – Colon Cancer Screening</p> <p>2.06 – Fasting Blood Sugar Screening</p> <p>2.12 - Advice on Physical Activity in PHC</p> <p>3.05, 5.04, 6.02, 7.02 – Full Fasting Lipid Profile Screening</p> <p>7.05 – Lipid Reduction Counselling</p> <p>7.06 – Beta Blockers</p>	December 2008
1.4	<p>Revision to the upper age limits of the Prevention indicators based on the PIN Evaluation Committee discussion.</p> <p>Added revision log.</p>	November 2008

Appendix A

The following indicators have been placed on hold pending further discussions around how technology may enable the provision of information needed for these indicators.

2.10 Breast-Feeding Education	
Numerator	All women who have given birth in the last year who received breastfeeding support education during the last two trimesters of their pregnancy. Count if (education is between live birth and live birth – 6 months) & (Extract date - live birth <=12 months) & (Gender = F)
Denominator	All women who have given birth in the last year Count if (Extract date - live birth <=12 months) & (Gender = F)
Result	Percentage of women who have given birth in the last year who received breastfeeding support education during the last two trimesters of their pregnancy.
CIHI	Derived from indicator # 45
Date placed on hold	06/29/2010 (MM/DD/YYYY)

4.01 Asthma Control	
Numerator	Enrolled patients 6 to 55 years of age with asthma who have been prescribed more than 4 canisters of SABA in the past 12 months and who received preventer/controller medicine in the past 12 months Count if ((Asthma in problem list = true) & (Number of canisters of SABA prescribed within the past 12 months >4) & (Patient received preventer/controller medicine in last 12 months=True) & ((Age >= 6) and (Age <= 55)))
Denominator	Enrolled patients 6 to 55 years of age with asthma Count if ((Asthma in problem list = true) & ((Age >= 6) and (Age <= 55)))
Result	Percentage of enrolled patients 6 to 55 years of age with asthma who have been prescribed more than 4 canisters of SABA in the past 12 months and who received preventer/controller medicine in the past 12 months
CIHI	Derived from Indicator # 59
Date placed on hold	11/16/2009 (MM/DD/YYYY)

4.02 Emergency Department Visits for Asthma	
Numerator	Enrolled patients 6 to 55 years of age with asthma who have been to the ER for asthma-related reasons in the past 12 months Count if ((Asthma in problem list = true) & (extract date - last ER visit for Asthma > 12 months) & ((Age >=6) and (Age <=55)))
Denominator	Enrolled patients 6 to 55 years of age with asthma Count if ((Asthma in problem list = true) & ((Age >= 6) and (Age <= 55)))
Result	100% minus the percentage of enrolled patients 6 to 55 years of age with asthma who have been to the ER for asthma-related reasons in the past 12 months
CIHI	Derived from Indicator # 37
Date placed on hold	11/16/2009 (MM/DD/YYYY)

5.01 Emergency Department Visits for Congestive Heart Failure (CHF)	
Numerator	Enrolled patients 20 years of age and over with congestive heart failure who have been to the ER for CHF-related reasons in the past 12 months Count if ((Congestive Heart Failure in problem list = true) & (extract date - last ER visit for CHF > 12 months) & (Age >=20))
Denominator	Enrolled patients 20 years of age and over with congestive heart failure Count if ((Congestive Heart Failure in problem list = true) & ((Age >=20)
Result	100% minus the percentage of enrolled patients 20 years of age and over with congestive heart failure who have been to the ER for CHF-related reasons in the past 12 months
CIHI	Derived from indicator # 38
Date placed on hold	11/16/2009 (MM/DD/YYYY)