# Health Quality Ontario

The provincial advisor on the quality of health care in Ontario

October 2015 Primary Care Performance Measurement: Priority Measures for System and Practice Levels



PCPM Priority Measures: System and Practice

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# Background

In 2014, the Steering Committee for the Ontario Primary Care Performance Measurement (PCPM) initiative (2012–2014) completed its work to select comprehensive, overlapping sets of practice- and system-level primary care performance measures to reflect quality in primary care appropriately. As a next step, the Steering Committee recognized the need to focus on a subset of high-priority indicators that could advance quality in primary care, to address the impracticality of immediately measuring and reporting all 299 of the selected measures and to acknowledge the limited availability of data for many of those measures. Over time, high-priority indicators could change to reflect changing priorities and increased data availability. The Steering Committee engaged in two priority measure selection processes – one for the selection of high-priority system-level measures, the second for high-priority practice-level measures. This report describes the methods employed and results, identifies alignment across the two levels and summarizes next steps for the PCPM work. For more detailed background information on the PCPM initiative, please visit Health Quality Ontario's primary care reporting webpage here.

# **Methodology**

The system- and practice-level prioritization processes were conducted separately but in parallel and were guided by the PCPM Steering Committee. Both processes were supported by Health Quality Ontario staff and engaged expert working groups that included providers, policy makers, stakeholders, researchers and patient and family caregiver representatives (a full list of members and organizations represented on both working groups can be found in Appendix A). The two expert panels used slightly different prioritization processes to reflect the focus on system or practice, but both applied pre-defined selection criteria (see Appendix B) and prioritized measures through consensus building. The final set of system- and practice-level measures was reviewed and approved by the PCPM Steering Committee.

## **System-Level Prioritization**

For the system-level prioritization, the panel was asked to prioritize the 87 system-level PCPM measures for which data are currently available. The initial prioritization was limited to available measures to ensure that immediate measurement was possible. The measures were selected through a consensus-building, modified Delphi method. The process included an independent online survey to rate measures against the selection criteria and in-person meetings to achieve consensus on the final set of recommended system-level measures. The panel focused on the validity, relevance and actionability of the measures to key audiences: patients, caregivers, primary care providers and decision-makers. To further aid the consensus process, the panel was asked to also consider alignment between the measures and those recommended by other primary care measurement initiatives. The final set of system-level measures encompassed the eight domains of the PCPM framework. Additionally, the panel recommended stratifications that should be included to measure performance across the cross-cutting equity domain.

## **Practice-Level Prioritization**

Front-line providers were asked to select (via an online survey) measures from the full list of 112 measures. This approach differed from that of the system-level prioritization in that all measures

were considered for prioritization, without restriction to measures for which data are currently available. The panel decided against restriction, given the limited availability of practice-level data (at present, data are available for only 17 of 112 measures).

Approximately 400 providers were surveyed (including Primary Care Physician Practice report<sup>1</sup> users and attendees at a primary care forum convened jointly by Health Quality Ontario and the Ontario College of Family Physicians). Seventy-one providers completed the survey. Results were summarized and informed the expert panel's discussion and identification of high-priority practice-level measures. The survey results and panel discussions culminated in a ranking of measures in each domain. In an effort to balance measures across the framework, measures ranked high in each domain were recommended to the PCPM Steering Committee for practice-level prioritization.

# Results

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The system-level prioritization working group selected 12 system measures across the eight domains of the PCPM framework, all of which are currently measured. The practice-level prioritization working group selected 18 measures, 11 of which currently do not have a consistent data source, although some may be collected by individual practices through electronic medical records (EMR) or practice surveys. Seven of the measures were common to system- and practice-level measurement; all seven are available at the system level, and five are currently available at the practice level. Additionally, the practice-level working group recommended the development of two practice-level safety measures, one related to polypharmacy among older adults and another related to up-to-date allergy status recorded in patient records. Figure 1 lists the measures selected, by domain, for the system and practice levels. Technical details for each of the measures can be found in Appendix C.

<sup>&</sup>lt;sup>1</sup> Primary Care Practice Reports are individualized reports that provide information on practice demographics and case mix, patterns of patient service use, health status of the practice population and information on specific chronic disease prevention and management indicators. These reports also compare how the physician's practice is performing versus other relevant practices, the local health integration network and across the province. For more details visit <u>https://www.hgontario.ca/guality-improvement/primary-care/practice-reports</u>.

# Figure 1. Primary Care Performance Measurement Framework – System- and Practice-Level Priority Measures (April 2015)

Legend: System — measure is a recommended priority at the System level Practice — measure is a recommended priority at the Practice level System and Practice — measure is a recommended priority for both Practice data currently unavailable — Practice-level data are unavailable for this recommended measure

Access	Integration	Efficiency	Effectiveness	Focus on	Safety	Patient-	Appropriate
				Population		Centred	Resources
				Health			
Percentage of	Percentage of	Per-capita	Percentage of	Population	Percentage of	Percentage of	Percentage of
respondents	patients who	health care	respondents	demographic	patients who report	patients who	respondents who
who report	see their	expenditures	who were able	information:	that, in the past 12	report their	report having a
having a	primary care	by category	to get help	<ul> <li>Age (in years)</li> </ul>	months, they had a	family	family physician
family	provider	(System and	from a	• Sex	review and	physician,	or nurse
physician or	within seven	Practice)	professional	<ul> <li>Income</li> </ul>	discussion with	nurse	practitioner that
nurse	days after		when dealing	Education	their primary care	practitioner or	they see for
practitioner	discharge		with emotional	<ul> <li>Location of</li> </ul>	provider of	someone else	regular check-
that they see	from hospital		distress, such	residence	prescription	in the medical	ups, when they
for regular	for selected		as anxiety or	Sexual	medications they	office involves	are sick and so
check-ups,	conditions		depression, in	orientation	are using	them as much	on
when they are	(System and		the past two	• Disability	(System)	as they want in	(System, cross-
sick and so on	Practice)		years	• Language		decisions about	referenced with
(System,			(System)	• Immigration		their care or	Access)
cross-				• Ethno-cultural		treatment	
referenced				Identity		(System and	
with				Aboriginal		Practice —	
Appropriate				status		Data currently	
Resources)				Social support		unavailable)	
				Status			
				• Employment			
				Status			
				(Fractice — Data			
				unavallable)			

Access	Integration	Efficiency	Effectiveness	Focus on Population Health	Safety	Patient- Centred	Appropriate Resources
Percentage of patients who report that they were able to see their family physician or nurse practitioner on the same or next day (System and Practice. Practice — Data currently unavailable)	Percentage of patients who were re- admitted to a hospital within 30 days of an initial hospitalization for selected conditions (System and Practice)	Patient reported wait times from when their consultation was scheduled to start to when they met with a health care provider (Practice — Data currently unavailable)	Percentage of people with diabetes for more than a year who had a serious diabetes complication (death, heart attack, stroke, amputation or kidney failure) in the past 12 months (System)	Percentage of eligible patients aged 50 to 74 who had a fecal occult blood test (FOBT) within the past two years, sigmoidoscopy or barium enema within five years or a colonoscopy within the past 10 years (System and Practice)	The practice-level working group reviewed the practice-level measures and discussed their merits in screening for adverse effects However, the practice-level working group recommends developing measures related to: • polypharmacy among the elderly • up-to-date allergy status recorded (Practice — Data currently unavailable)	Percentage of patients who report that their family physician, nurse practitioner or someone else in their office spends enough time with them (Practice — Data currently unavailable)	
Percentage of total primary care visits that are made to physician with whom the patient is rostered or virtually rostered (System and Practice)			Percentage of patients with diabetes with two or more glycated hemoglobin (HbA <sub>1c</sub> ) tests within the past 12 months (Practice)	Percentage of women aged 21 to 69 who had a Papanicolaou (Pap) smear within the past three years (Practice)			

Access	Integration	Efficiency	Effectiveness	Focus on	Safety	Patient-	Appropriate
				Population		Centred	Resources
Percentage of			Percentage of	Percentage of			
patients who			patients with	patients who are			
report that,			, hypertension	obese,			
when they call			whose blood	overweight,			
their regular			pressure was	underweight or			
family			recorded in	normal			
physician's			the previous	weight, based on			
office with a			12 months	chart			
medical			(Practice —	documented			
question or			Data currently	weight and			
concern			unavallable)	neight:			
office hours				• Adults aged to			
they get an							
answer on the				12 to 17 (obese			
same dav				overweight or			
(System)				neither)			
				(Practice — Data			
				currently			
				unavailable)			
Percentage of			Percentage of	Percentage of			
patients who			patients who	patients aged 15			
report that			had a mental	and over who			
getting			health follow-	report smoking			
medical care			up visit to a	daily or			
in the			pnysician				
evening, on a			(primary care	(Practice — Data			
			provider of				
holiday was			within 7 to 30	unavallable)			
difficult			days of				
(Practice —			discharge				
Data currently			following				
unavailable)			hospitalization				
,			for a				
			psychiatric				
			condition				

Access	Integration	Efficiency	Effectiveness	Focus on Population Health	Safety	Patient- Centred	Appropriate Resources
			(Practice — Data currently unavailable)				
				Percentage of patients aged 65+ years who have a record of receiving pneumococcal vaccine (Practice — Data currently unavailable)			
5 measures total: 2 @ System and Practice 2 @ System 1 @ Practice	2 measures total: 2 @ System and Practice	2 measures total: 1 @ System and Practice 1 @ Practice	5 measures total: 2 @ System 3 @ Practice	6 measures total: 1 @ System and Practice 5 @ Practice	1 measure total: 1 @ System Recommend additional development of practice-level measures	2 measures total: 1 @ System and Practice 1 @ Practice	1 measure total: 1 @ System
Equity							
The practice-level working group discussed the role of population demographic measures at the practice level as a critical descriptor to drive future specifications in Electronic Medical Record systems which could in turn drive and inform future equity measurement at the practice level. (Practice –Data not currently available). The system-level working group recommended that all selected measures should be assessed from an equity perspective. In particular, the group identified attachment rate, colorectal cancer screening and diabetes complications as measures that vary significantly by demographic characteristics.							

# **Data Gaps**

## **System-Level Data Gaps**

Throughout the priority measures selection process, the system-level working group identified data gaps in a number of measurement areas. To address the immediate need for comprehensive primary care measurement, one of the measure selection criteria was *currently available* measures and data. However, as new data sources become available, the selected measures should be reviewed at regular intervals to ensure that primary care performance measurement continues to evolve and grow. System-level primary care measurement gaps identified as most in need of data advocacy efforts include:

- Mental health
- Provider-reported measures
- Comprehensiveness of care
- Health promotion including smoking, tobacco, obesity, injury prevention and immunization
- Maternal health
- Family and caregiver information

#### **Practice-Level Data Gaps**

Given the limited availability of data at the physician practice level, the practice-level prioritization was not restricted to measures with available data. Of the measures selected at the practice level, seven are currently available; data advocacy and development of measures are needed for the remaining 11 prioritized measures. Additionally, the practice-level working group identified possible measures' interpretation issues or data gaps for a number of measurement areas. Practice-level primary care measurement gaps identified as most in need of data advocacy efforts include:

- Mental health
- Safety
- Electronic medical record specifications to capture and report more practice-level measures
- Aligning measures that speak to the clinician's day-to-day pressure points with other, ongoing best-practice or improvement-advocacy campaigns (e.g., Choosing Wisely Canada)

#### Conclusions

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The prioritization of measures for system- and practice-level primary care measurement was an important first step in the implementation of comprehensive measurement of primary care performance. In their subsequent discussions, the committee identified key next steps to continue to develop primary care performance measurement.

## **Next Steps**

- Review and revise priority measures (at the system and practice level) on a regular basis to align with changing policy priorities, new data sources and evolving information needs.
- Develop methods for calculating aggregate measures of primary care performance at the domain (e.g., effectiveness) or sub-domain (e.g., management of chronic conditions) level.
- Develop the necessary infrastructure to support measures availability. This is critical for addressing the data gaps identified throughout the process and highlighted in this report, and should support the development, refinement and alignment of survey, pooled electronic medical records and data drawn from multiple data sources. These efforts will require commitment and resource investments from multiple stakeholders that have been part of the PCPM initiative.
- Continue to refine the confidential, personalized Primary Care Practice Reports as a vehicle to provide practice-level data to clinicians to inform quality improvement and practice improvement.
- In line with its Monitoring What Matters Strategy, Health Quality Ontario will actively advocate and, where possible, help advance activities for more comprehensive, timely and better-quality primary care data for Ontario. Where new data are needed, Health Quality Ontario can partner with other agencies to collect data.
- Informed by the identified set of system-level measures, Health Quality Ontario will publicly report on primary care performance using an online reporting platform and will release a primary care theme report in Fall 2015.
- Informed by the identified set of practice-level measures, Health Quality Ontario will work to incorporate these measures into future versions of the Primary Care Practice Reports.
- The current priority measures in the quality improvement plans are included in the prioritized practice-level measures. There could be future opportunities to include additional practice-level PCPM measures in the quality improvement plans.

The PCPM Steering Committee members have expressed their commitment to this work and continuing to improve primary care performance through consistent, comprehensive measurement at the system and practice levels.

# **Appendix A: Prioritization Working Group Membership and Supporting Staff**

Members of the system- and practice-level prioritization working groups were selected to reflect:

- Different primary care models
- Knowledge of system issues and priorities
- Knowledge of the PCPM framework, selected measures and relevant data sources
- Knowledge of current data and measurement capacity in Ontario's primary care sector

#### System-Level Working Group Membership

Organization	Working Group Participant
Institute for Clinical Evaluative Sciences	Rick Glazier (Chair)
Ontario Medical Association	Darren Larsen
Registered Nurses' Association of Ontario	Monique Lloyd
Association of Ontario Health Centres	Jennifer Rayner
Ministry of Health and Long-Term Care Primary Care Branch	Phil Graham
Ministry of Health and Long-Term Care Health Analytics	Naomi Kasman
Nurse Practitioners' Association of Ontario	Theresa Agnew
Canadian Institute for Health Information	Caroline Heick
Association of Family Health Teams of Ontario	Carol Mulder
Ontario College of Family Physicians	Jessica Hill
Patients' representative	Sholom Glouberman
Local health integration network Collaborative and Health	Greg Stevens
Service Indicator Initiative	

#### **Practice-Level Working Group Membership**

Organization and Health Quality Ontario Involvement	Working Group Participant
Association of Ontario Health Centres	Jennifer Rayner (Co-chair) <sup>2</sup>
Ontario Medical Association	Darren Larsen (Co-Chair)
Kingston Community Health Centre	Imaan Bayoumi
Ontario Medical Association's Section for General and Family	David Schieck
Practice	
London Family Health Team	Rachel Bevan
Summerville Family Health Team	David Daien
Nurse Practitioners' Association of Ontario	Theresa Agnew
Markham Family Health Team	Lisa Ruddy
Association of Family Health Teams of Ontario	Angie Heydon/Carol Mulder
Ontario College of Family Physicians	Cathy Faulds

<sup>&</sup>lt;sup>2</sup> Chair (Jennifer Rayner) and/or member of the Practice Report User Reference Group 11

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For practice-level prioritization, members of Health Quality Ontario's Primary Care Practice Report User Reference Group were also invited to participate in concurrent measures prioritization. This User Reference Group provided valuable insight to improve the current Practice Report as a means to support data for improvement at the practice level and could recommend future measures to focus the next stage of development and reporting.

#### Health Quality Ontario Supporting Staff<sup>3</sup>

Naushaba Degani, Manager, Research Methods Gail Dobell, Director, Performance Measurement Mark Dobrow, Vice President, Health System Performance Wissam Haj-Ali, Senior Methodologist, Health System Performance Jonathan Lam, Manager, Health System Performance Ryan Monte, Measurement Specialist Susan Taylor, Director, Quality Improvement Program Delivery Dave Zago, Team Lead, Clinical Adoption

<sup>&</sup>lt;sup>3</sup> Health Quality Ontario staff was responsible for supporting the system-level measures prioritization process including preparation of measures for review and rating; rating survey development, administration and analysis; secretariat support for all meetings and drafting the final report in collaboration with the Chair of the working group and the Steering Committee on the selected system-level measures.

# **Appendix B: Selection Criteria**

Both the system- and practice-level prioritization processes applied specific selection criteria to rate the measures under consideration. The table below describes the criteria and how they were defined for system- or for practice-level prioritization.

Criteria	System Level	Practice Level
Important	Measure reflects a health issue or aspect	Measure reflects a health issue or aspect
	of health system function that is relevant	of care that is relevant and meaningful to
	and meaningful to the general	primary care providers in their day-to-day
	population, care providers and policy	practice
	makers	
Actionable	Performance on the measure is likely to	Measure is likely to inform and influence
	inform and influence policy or funding,	behaviour of primary care providers or to
	alter behaviour of health care providers	increase general understanding in the
	or increase general understanding in the	community to improve quality of care for
	community in order to improve quality of	patients/clients at the practice level
	care and population health	
Valid	Measure is indicative of what it purports	Not applied
	to be measuring	
Available	Measure is available via current	Measure is available via current collection
	collection and reporting mechanisms.	or reporting mechanisms to assess current
	(Applied prior to selection process; only	performance. However, if a measure is of
	measures that were available were	high value to primary care practices but
	considered in the system-level	source data are not readily available,
	prioritization process)	working group can recommend the
		measure be prioritized and a strategy be
		developed to collect requisite data
Aligned	Criterion applied during the discussions	Criterion applied during the discussions
(with other	Alignment with other primary care	Alignment with primary care QIP
initiatives)	system-level measurement initiatives	indicators, Primary Care Patient
	included: Association of Family Health	Experience Survey questions, practice-
	Teams' Data to Decisions, the Starfield	level dashboards or reports produced by
	Model, primary care quality improvement	Family Health Teams or Community
	plans (QIPs), Health Quality Ontario's	Health Centres and Primary Care
	Common Quality Agenda and Health	Performance Measurement system-level
	Quality Ontario's Primary Care Practice	priority measures
	Keports	

# Appendix C: Technical Details for System- and Practice-Level Priority Measures

## **System-Level Technical Details**

#### Access

Attach	ment to a regular pr	imary care provider
	Indicator description	Percentage of respondents who report having a family physician or
		nurse practitioner that they see for regular check-ups, when they are sick and so on
	Relevance/rationale	A strong primary care system is the hallmark of a high-performing
		health care system and is of the utmost importance for the health of
7		the population. <sup>1,2</sup> In addition, primary care services have been
ō		found to be cost-effective. <sup>3</sup> Therefore, ensuring Ontarians have
Ы		access to primary care providers is not only good for the health of
CRI CRI		Ontarians but also helps keep costs down. While attachment in
I SC		Ontario is relatively high at approximately 95% in 2010/11, <sup>4</sup> gaps
Ö		are obvious when examined through various equity stratifications.
OR		The Primary Care Performance Measurement (PCPM) prioritization
AT	HQQ's reporting tool	Common Quality Agenda
DC DC	or product	Common Quarty Agenda
N	Attribute	Access to appropriate resources
	Туре	Process
	External alignment	Canadian Institute for Health Information's (CIHI's) priority
		indicators for policy-makers
	Other reporting	None
	Accountability	Primary care
	Calculation	
Z	Calculation	Number of respondents who reported having a family doctor, a
Ĕ		general practitioner, family physician or nurse practitioner that they
MA		see for regular check-ups, when they are sick and so on
<b>DRI</b>		
Ŭ		Survey question
<u>с</u>		Do you have a family doctor, a general practitioner or nurse
SC		and so on?
IN I		• Yes
SC		• No
N N N		• Don't know
A I		Refused
õ		Denominator
NT		All respondents
E E		Excludes
		• Don't know
		Refused

		Methods (Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization) Not risk or age/sex adjusted
	Data source/data elements	Health Care Experience Survey (HCES) from Ministry of Health and Long-Term Care's Health Analytics Branch
	Timing and frequency of data release	Quarterly — rolling four quarters of data
	Levels of comparability	Over time, by local health integration network (LHIN), age, sex, education, income, immigration status, language spoken at home, urban/rural status
	Targets or benchmarks	None
	Target source	None
Þ	Limitations/caveats	Data for this indicator are self-reported and therefore could be subject to recall errors and over- and under-reporting
ER RELEVAI -ORMATION	Guidelines, standard operating procedures (SOPs), evidence for best practice	None
OTH INI	Comments	Indicator was selected by the PCPM prioritization group with the stipulation that, when reporting this indicator, an equity cross-cut would be the focus of attention

Timely	imely access during regular hours				
	Indicator description	Percentage of patients who report that they were able to see their family physician or nurse-practitioner on the same or next day			
OR DESCRIPTION	Relevance/rationale	While having a regular family physician is important, receiving timely access to your family physician is also important and can be a significant barrier to receiving primary care. <sup>5</sup> Having timely access to primary care can also help reduce unnecessary ED visits that strain the health system. <sup>6</sup>			
	HQO's reporting tool or product	Primary care QIPs			
ATC	Attribute	Access			
INDIC	Туре	Process			
	External alignment	Association of Family Health Teams of Ontario: Data to Decisions			
	Other reporting	None			
	Accountability	Primary care			
兴	Unit of analysis	Percentage			
DEFINTION AND SOUR( INFORMATION	Calculation	<ul> <li>Numerator</li> <li>Number of respondents who saw their health care provider or someone else in the office on the same or next day</li> <li>Survey question</li> <li>How many days did it take from when you first tried to see your family doctor or nurse practitioner to when you actually saw him/her or someone else in the office?</li> <li>Saw doctor same day</li> <li>Saw doctor next day</li> </ul>			

		Enter number of days
		• 20 or more days
		Refused
		Denominator
		Number of respondents who saw their regular health care provider
		or someone else in the office when they were sick or were
		concerned that they had a health problem in the past 12 months
		Base (respondents who answered yes to both questions)
		Not counting yearly check-ups or monitoring of an ongoing health
		issue, in the last 12 months, did you want to see your [fill fd_type]**
		because you were sick or were concerned that you had a health
		problem?
		Did you actually see a doctor? [or someone else in the office or
		both]
		Excludes
		Never tried to do this/never needed care
		Refused
		Methods
		(Numerator/denominator) ^ 100
		Adjustment (risk, age/sex standardization)
		Not risk or age/sex adjusted
	Data source/data	HCESfrom Ministry of Health and Long-Term Care's Health
	elements	Analytics Branch
	Timing and	Quarterly – rolling four quarters of data
	frequency of data	
	release	
	Levels of	Over time, by LHIN, age, sex, education, income, immigration
	comparability	status, language spoken at home, urban/rural status
	Targets or	None
	benchmarks	
	Target source	None
, Z	Limitations/caveats	Data for this indicator are self-reported and could therefore be
IER VANT IATIO	A	subject to recall errors and over- and under-reporting
	Guidelines, SOPs,	None
ΗŪΝ	evidence for best	
O II O		Nees
L N	Comments	None

Continuity of care with a primary care physician		
	Indicator description	Percentage of total primary care visits that are made to the
7		physician with whom the patient is rostered or virtually rostered
INDICATOR DESCRIPTION	Relevance/rationale	Evidence suggests that continuity of care at the primary care level improves health status and results in better chronic disease outcomes. <sup>7,8</sup> Further, as noted in a paper by the Canadian Health Services Research Foundation: "Continuity of care is also associated with improved adherence to prescribed screening and treatment, better recognition of unidentified health problems, better rates of recommended immunizations, fewer acute care

		hospitalizations, lower use of emergency rooms, and improved
		patient satisfaction. Researchers have also found a general
	HOO's reporting tool	Primary Care Practice Reports
	or product	Filmary Care Fractice Reports
	Attribute	Access
	Туре	Process
	External alignment	None
	Other reporting	Institute for Clinical Evaluative Sciences (ICES) Atlas: Primary Care in Ontario
	Accountability	Primary care
	Unit of analysis	Percentage
VFORMATION	Calculation	Numerator         Option 1: Primary care visits that are made to the physician to whom the patient is rostered or virtually rostered         Option 2: Primary care visits that are made to the same group to which the patient is rostered or virtually rostered         Denominator         Number of total primary care visits per patient         Excludes         Patients who have not had 3 or more primary care visits within the
DURCE		requisite time period (2 years) Methods (Numerator/denominator) * 100
ND SC		Adjustment (risk, age/sex standardization) None
NOI A	Data source/data elements	Client Agency Patient Enrolment (CAPE), Ontario Health Insurance Plan (OHIP), provided by ICES
DEFINT	Timing and frequency of data release	Biannual
	Levels of	Over time, by LHIN, by individual practice and by patient
	Targets or	None
	benchmarks	
	Target source	None
R NT TION	Limitations/caveats	Nurse practitioners are not captured owing to infrastructure limitations
OTHE RELEVA FORMA	Guidelines, SOPs, evidence for best practice	None
<u> </u>	Comments	None

Same-day response to an office call during regular hours		
	Indicator description	Percentage of patients who report that, when they call their regular
		family physician's office with a medical question or concern during
Z		regular office hours, they get an answer on the same day
<u>0</u>	Relevance/rationale	While having a regular family physician is important, receiving
E		timely access to your family physician is also important and can be
R.		a significant barrier to receiving primary care. <sup>5</sup> Having timely access
is:		to primary care can also help reduce unnecessary ED visits that
DE		strain the health system."
SR	HQO's reporting tool	None
АТС		Access
OIC,		Process
N	Extornal alignment	Nono
_	Other reporting	The Quarterly: Health Care System Quarterly Reporting
		Primary care
	Unit of analysis	Percentage
	Calculation	Numerator
	Calculation	Number of respondents who reported often or always getting an
		answer from their regular family doctor's office on the same day
		answer norm their regular family doolor 5 onloc on the same day
		Survey question
		When you call your regular doctor's office with a medical concern
		during regular practice hours, how often do you get an answer that
		same day?
7		• Always
õ		Often
Τ		Sometimes
Ň		Rarely
OR		Never
Ĕ		<ul> <li>Volunteers: depends on what they called for</li> </ul>
		Don't know
SCE		Refused
UF		
sc		
Q		Volunteers: depends on what they called for
AN		Don t know     Defined
N		
Ĭ		Demontanta who have a regular destar/alass and called their
.N.		Respondents who have a regular doctor/place and called their
Ш		regular practice hours
		Base (respondents who answered that they had a regular
		doctor or regular place)
		Have you called or tried to call your regular health care provider's
		office with a medical question or concern during the day on a
		Monday to Friday in the last 12 months?
		1 yes
		5 NO
		3 IEIU2EU

		Excludes • Don't know • Refused Methods
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
		Not risk or age/sex adjusted
	Data source/data elements	HCES from Ministry of Health and Long-Term Care's Health Analytics Branch
	Timing and frequency of data release	Quarterly – rolling four quarters of data
	Levels of comparability	Over time, by LHIN, age, sex, education, income, immigration status, language spoken at home, urban/rural status and international comparisons (Commonwealth Fund reports this measure as well).
	Targets or benchmarks	None
	Target source	None
₽ ₽	Limitations/caveats	Data for this indicator are self-reported and could therefore be subject to recall errors and over- and under-reporting
OTHER ELEVAN ORMA	Guidelines, SOPs, evidence for best practice	None
R R	Comments	None

## Integration

7-day	post-hospital discha	arge follow-up rate for selected conditions
	Indicator description	Percentage of patients who see their primary care provider within
		seven days after discharge from hospital for selected conditions
z	Relevance/rationale	Evidence suggests that early follow-up after hospitalization for heart
2		failure results in a lower likelihood of readmission within 30 days of
E		discharge. <sup>10</sup> Readmissions in general are burdensome and are
N N		estimated to cost Ontario roughly \$700 million a year. <sup>11</sup> Early
ISC ISC		follow-up post-hospital discharge is therefore important for
B		improving patient outcomes and controlling health system costs
R	HQO's reporting tool	Common Quality Agenda (reported historically), Primary Care
Ĕ	or product	Practice Reports
C	Attribute	Integration
	Туре	Process
<b></b>	External alignment	Primary care QIPs
	Other reporting	None
	Accountability	Shared
	Unit of analysis	Percentage
	Calculation	Numerator
		At least one physician visit to a primary care provider (OHIP) within
		7 days of patient's discharge from hospital
		Calculate the percentage of patients (all conditions combined)
		who saw:
		• Any primary care provider (IPDB Mainspec = 'GP/FP', geriatrician
		or pediatrician)
z		
0		Includes
AT		Ontario physician visits taking place in office home or long-term
Σ		care (based on ICES location macro)
Ö		Physician visits occurring between days 0 to 7 post-discharge
Ľ		(i.e., includes date of discharge)
Ш		(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
RC		
nc		Excludes
Š		<ul> <li>Negated OHIP claims, duplicate claims and lab claims</li> </ul>
Q		<ul> <li>Records with missing or invalid data on discharge/admission</li> </ul>
4		date, health number, age and gender
NO		Denominator
Ē		Ontario residents who were hospitalized within each fiscal year from
		2005/06 to 2013/14 Discharge Abstract Database (DAD) for the
DE		following conditions (identified by the Case Mix Group [CMG]
-		codes*):
		Cardiac conditions, excluding heart attack (CMG+ codes 202,
		204, 208)
		• Pneumonia (CMG+ codes 136, 138, 143)
		Diabetes (CMG+ code 437)
		• Stroke (CMG+ codes 25, 26, 28)
		• Gastrointestinal disease (CMG+ codes 231, 248, 251,253, 254,
		255, 256, 257, 258, 285, 286, 287, 288)
		Congestive heart failure (CHF) (CMG+ code 196)
20	PCPM Priority Measur	es: System and Practice Health Quality Onta

		<ul> <li>Chronic obstructive pulmonary disease (COPD) (CMG+ code 139)</li> <li>Excludes</li> <li>Patients under age 40 for cardiac CMGs</li> <li>Patients under age 45 for stroke, COPD and CHF</li> <li>Deaths, acute transfers patient sign-outs against medical advice</li> <li>Records with missing or invalid data on discharge or admission date, health number, age and gender</li> <li>Cases with no resource intensity weight assigned</li> <li>Transfers to other hospital care and to other (palliative care/hospice, addiction treatment centre) as defined by discharge disposition '01', '03'</li> <li>Sign-outs, short-stay cases, cadavers and stillbirths</li> </ul>
		version 10 (ICD-10) codes (in variable CMG 2012)  Methods (numerator/denominator) * 100
		Adjustment (risk, age/sex standardization) Direct standardization (age and sex) using 1991 Canadian Census population. Age groups are <20, 20–44, 45–64, 65–79, 80+
	Data source/data elements	CIHI's DAD, CAPE, Corporate Provider Database, OHIP's Claims History Database, ICES's Registered Persons Database (RPDB)
	Timing and frequency of data release	Annual
	Levels of comparability	Over time, by LHIN, sex, age group, income quintile, urban/rural
	Targets or benchmarks	None
	Target source	None
HER RELEVANT NFORMATION	Limitations/caveats	Methodology used to calculate measure differ for patient enrollment models and for community health centres (CHCs)/aboriginal health access centres (AHACs)/nurse practitioner–led clinics (NPLCs), causing slight differences in how the population included in the denominator is defined
	Guidelines, SOPs, evidence for best practice	None
6	Comments	None

	Indicator description	Percentage of patients who were re-admitted to a hospital following their initial hospitalization within 30 days of discharge
	Relevance/rationale	Urgent readmissions to acute care facilities are increasingly being used to measure institutional or regional quality of care and care coordination
DESCRIPTION		Readmission rates can be influenced by a variety of factors, including the quality of inpatient and outpatient care, the effectiveness of the care transition and coordination, and the availability and use of effective disease management community- based programs. While not all unplanned readmissions are avoidable, interventions during and after a hospitalization can be
<b>N</b>		effective in reducing readmission rates. <sup>12</sup>
CAT	HQO's reporting tool or product	Primary Care Practice Reports
	Attribute	Integration, effectiveness
=	Туре	Outcome
	External alignment	CIHI, Ministry LHIN Performance Agreement, 2013–2015, Hospital Service Accountability Agreement, 2012–2013 (30-day only)
	Other reporting	Association of Family Health Teams of Ontario: Data to Decisions, Quarterly
	Accountability	Shared
	Unit of analysis	Percentage
D SOURCE INFORMATION		Number of emergency or urgent non-elective hospital readmissions† to an acute care hospital following any hospitalization (including elective hospitalizations): • within 30 days of discharge • within one year of discharge
		Excludes
		• Cases where readmission <sup>+</sup> is coded as an acute transfer by the receiving hospital (unless the readmission was coded as a
ND SOURC		<ul> <li>transfer from the same hospital)</li> <li>Negated OHIP claims, duplicate claims and lab claims</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> <li>Elective hospitalizations</li> </ul>
INTION AND SOURC		<ul> <li>transfer from the same hospital)</li> <li>Negated OHIP claims, duplicate claims and lab claims</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> <li>Elective hospitalizations</li> <li>†Hospital readmission is readmission to any acute care hospital in the province for any condition, including a different condition than the reason for their original hospital admission</li> </ul>
EFINTION AND SOURC		<ul> <li>transfer from the same hospital)</li> <li>Negated OHIP claims, duplicate claims and lab claims</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> <li>Elective hospitalizations</li> <li>†Hospital readmission is readmission to any acute care hospital in the province for any condition, including a different condition than the reason for their original hospital admission</li> <li>Denominator</li> </ul>
DEFINTION AND SOURC		<ul> <li>transfer from the same hospital)</li> <li>Negated OHIP claims, duplicate claims and lab claims</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> <li>Elective hospitalizations</li> <li>†Hospital readmission is readmission to any acute care hospital in the province for any condition, including a different condition than the reason for their original hospital admission</li> <li>Denominator</li> <li>Acute care discharges from episode of care in which one of the conditions below (identified by the CMG code) is coded as most responsible diagnosis (DXTYPE = "M") in the first hospitalization of the episode within each fiscal year (minus last 30 days for follow-up) from 2009/10 to 2013/14:</li> </ul>
DEFINTION AND SOURC		<ul> <li>transfer from the same hospital)</li> <li>Negated OHIP claims, duplicate claims and lab claims</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> <li>Elective hospitalizations</li> <li>†Hospital readmission is readmission to any acute care hospital in the province for any condition, including a different condition than the reason for their original hospital admission</li> <li>Denominator</li> <li>Acute care discharges from episode of care in which one of the conditions below (identified by the CMG code) is coded as most responsible diagnosis (DXTYPE = "M") in the first hospitalization of the episode within each fiscal year (minus last 30 days for follow-up) from 2009/10 to 2013/14:</li> <li>Cardiac conditions, excluding heart attack (CMG+ codes 202, 204, 208)</li> </ul>

		• Pneumonia (CMG+ codes 136, 138, 143)
		• Diabetes (CMG+ code 437)
		• Stroke (CMG+ codes 25, 26, 28)
		• Gastrointestinal disease (CMG+ codes 231, 248, 251, 253, 254
		255 256 257 258 285 286 287 288)
		• CHE (CMG+ code 196)
		• COPD (CMG+ code 130)
		Excludes
		Non-Ontario residents
		Residents no eligible for OHIP at index date
		<ul> <li>Residents who did not have contact with a primary care provider within the previous 7 years</li> </ul>
		<ul> <li>Exclude patients under age 40 for cardiac CMGs</li> </ul>
		<ul> <li>Exclude patients under age 45 for stroke, COPD and CHF</li> </ul>
		Deaths, acute transfers, patient sign-outs against medical advice
		<ul> <li>Records with missing or invalid data on discharge/admission</li> </ul>
		date, health number, age and gender
		<ul> <li>Cases with no resource intensity weight assigned</li> </ul>
		<ul> <li>Transfers to other hospital care and to other (palliative</li> </ul>
		care/hospice, addiction treatment centre) as defined by discharge
		disposition '01', '03'
		<ul> <li>Sign-outs, short-stay cases, cadavers and stillbirths</li> </ul>
		Methods
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
		Direct standardization for age and sex using the 1991 Canadian
		Census population
		Age groups: <20, 20–44, 45–64, 65–79, 80+
	Data source/data	DAD, CAPE, OHIP, Corporate Provider Database
	Timing and	Biannual
	frequency of data	Dannaa
	release	
	Levels of	Over time, by LHIN, sex, age group, income quintile, urban/rural
	comparability	
	Targets or	None
	benchmarks	
	Target source	None
⊢₽	Limitations/caveats	Unspecified
ANAT	Guidelines, SOPs,	None
ΞΫ́Ξ	evidence for best	
с Ц Ц Ц Ц	practice	
_ BR	Comments	None
-		

#### Efficiency

Per-ca	Per-capita health care expenditures by category	
	Indicator description	Per-capita health care expenditures by category:
		Total cost
		Primary care costs
		<ul> <li>GP/FP or fee-for-service (FFS) visits</li> </ul>
		FHO/FHN capitation costs
		Non-FFS GP/FP visits
		Physician, lab, drug, emergency and outpatient costs
		OHIP specialty physician EES costs
		Ontario Drug Benefit database (ODB) drug cost
		Home Care Services cost
		National Ambulatory Care Reporting System (NACRS)
		emergency department (ED)
		• OHIP lab cost
		OHIP non-physician cost
		• Other non-FES visits
		EDAFA non EFS vicito
		EDAFA 11011-FF3 VISILS     Non EES modical anaplagista
		Non-FFS medical offcologists
		NON-FF5 Tadiation oncologists
N		
Ĕ		• NACRS dialysis
E E		Inpatient and same-day surgery (SDS) costs
Ľ.		Inpatient (CIHI's DAD)
ES		• SDS
		<ul> <li>Inpatient mental health</li> </ul>
Ч Ч О Ч		Long-term care, complex continuing care and rehab costs
AT		<ul> <li>Cost of long-term care</li> </ul>
<u>C</u>		<ul> <li>Cost of complex continuing care</li> </ul>
2 Z		Rehab through National Rehabilitation Reporting System
-		(NRS)
	Relevance/rationale	Health care expenditures have been growing due to a number of
	nele valiee, rationale	reasons: however an aging population as commonly believed is
		not the biggest driver of costs. According to a report by CIHI, in
		Canada, demographic factors have accounted for only 1.8% of the
		7.4% year-over-year growth in health care spending. From 1998 to
		2008, physician spending has been among the fastest-growing
		categories, increasing at a year-over-year rate of 6.8%. <sup>13</sup>
		Monitoring system-level costs is an important step to better
		understanding the drivers of health care expenditures
	UOO's reporting tool	Not ourreptly reported
	or product	
	Attribute	Efficiency
	Туре	Structural
	External alignment	ICES
	Other reporting	Not currently reported
	Accountability	N/A

	Unit of analysis	Cost per capita
	Calculation	Numerator
		Total cost
		Primary care costs
		GP/FP FFS visits
		<ul> <li>FHO/FHN capitation costs</li> </ul>
		Non-FFS GP/FP visits
		Physician, lab, drug, ED and outpatient costs
		OHIP specialty physician FFS costs
		• ODB drug cost
		Home Care Services cost
		NACRS ED
		• OHIP lab cost
		OHIP non-physician cost
		Other non-FES visits
		EDAFA non-FES visits
		Non-FES medical oncologists
Z		Non-FFS radiation oncologists
Ĕ		NACES cancer
A A		
NN NN		Innations and SDS costs
D L		Inpatient and SDS costs Inpatient (CIHI's DAD)
Z		
U U U		<ul> <li>SDS</li> <li>Innationt montal health</li> </ul>
LR N		• Inpatient mental meanin
l Og		Long-term care, CCC and renab costs
0		• Cost of CCC
N		
z		• Reliab (NRS)
2		Total mid-year population for the fiscal year of interest
Z		Methods
		(Numerator/denominator)
		Adjustment (risk, age/sex standardization)
		Burality: based on the Burality Index of Ontario (BIO)
		• Age and sex: RPDB
		Socio-economic status: based on the income quintiles
		Morbidity: based on John Honkins Adjusted Diagnostic Groups or
		the Resource Utilization Band
	Data source/data	DAD, NACRS, NRS, Continuing Care Reporting System, Ontario
	elements	Mental Health Reporting System (OMHRS), OHIP, Home Care
		Database, ODB, Ontario Home Care Administration System, SDS
		Database provided by ICES
	Timing and	To be determined
	frequency of data	
	release	
	Levels of	Provincial, LHIN, practice
	Targets or	N/A
	benchmarks	
	Target source	N/A

R RELEVANT DRMATION	Limitations/caveats	<ul> <li>Interpretation of this indicator is challenging, as directionality is not clear</li> <li>Care delivered in teams is not captured</li> <li>Overhead costs for physicians are not captured</li> <li>No shadow billing indicator in OHIP data prior to 2005.</li> <li>Medical/radiation oncologists' salaries are unavailable for years 2002–2004</li> </ul>
OTHEF	Guidelines, SOPs, evidence for best practice	N/A
	Comments	None

#### Effectiveness

Getting	Getting help when dealing with sadness or anxiety		
	Indicator description	Percentage of respondents who were able to get help from a	
		professional when dealing with emotional distress, such as anxiety	
		or depression, in the past two years	
	Relevance/rationale	It is estimated that roughly 20% of Canadians will experience a	
		mental illness during their lifetime. <sup>14</sup> In addition, the economic	
7		burden of mental illness is substantial. In 2002, a study found that	
<u>Io</u>		direct and indirect costs 15	
Ы		Primary care has an important role in monitoring and managing	
N.		nations who have mental health issues. A systematic review in	
ESC		2002 found that over 75% of suicide decedents had contact with	
ā		primary care providers in the year of their death. <sup>16</sup> As primary care	
OR		physicians are on the front lines in the provision of mental health	
Ľ		care, this point of contact between patients and primary care	
<u>0</u>		physicians is especially important	
Q N	HQO's reporting tool	N/A	
=	or product		
	Attribute	Effectiveness	
	Туре	Process	
	External alignment	None	
	Other reporting	N/A	
	Accountability	Primary care	
	Unit of analysis	Percentage	
	Calculation	Numerator	
D D		Number of individuals who were experiencing emotional distress	
Ъ,		who were able to get help from a professional	
S O		Survey question	
<b>₽</b> ₽		When you felt this way, were you able to get help from a	
A N		professional?	
Х К К		• Yes	
ЦЦ		<ul> <li>No. did not want to see a professional</li> </ul>	
. <u>.</u> =		• No. could not get help	
Ш		• Not sure	
		Decline to answer	
		Denominator	

		Number of respondents who have experienced emotional distress, such as anxiety or great sadness, in the past two years
		Base (respondents who answer yes) In the past two years, have you experienced emotional distress, such as anxiety or great sadness, which you found difficult to cope with by yourself?
		Excludes <ul> <li>No, did not want to see a professional</li> <li>Not sure</li> <li>Decline to answer</li> </ul>
		Methods (Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization) Not adjusted
	Data source/data elements	Commonwealth Fund International Health Policy Survey (2013)
	Timing and frequency of data release	Every three years for this target population (general population)
	Levels of comparability	Over time (in -year intervals), international, provincial
	Targets or benchmarks	N/A
	Target source	N/A
⊢ N	Limitations/caveats	Long recall period may yield unreliable responses
OTHER ELEVAN ORMATIC	Guidelines, SOPs, evidence for best practice	N/A
A R	Comments	None

Diabet	Diabetes complications		
	Indicator description	Percentage of people with diabetes for more than a year who had a serious diabetes complication (death, heart attack, stroke, amputation or kidney failure) in the past 12 months	
R DESCRIPTION	Relevance/Rationale	Diabetes significantly increases the risk of nephropathy, peripheral neuropathy and cardiovascular disease. <sup>17,18</sup> Monitoring and management of blood pressure, blood sugar and blood lipids can help reduce the likelihood of developing many of these long-term complications of diabetes. <sup>19</sup> As roughly 80% of care for people with diabetes takes place in the primary care setting, <sup>20</sup> monitoring and management of patients with diabetes at the primary care level is crucial	
CATC	HQO's reporting tool or product	Common Quality Agenda	
Ā	Attribute	Effectiveness	
=	Туре	Outcome	
	External alignment	CIHI: Pan-Canadian Primary Care Indicators	
	Other reporting	None	
	Accountability	Shared	
	Unit of analysis	Percentage	
DEFINTION AND SOURCE INFORMATION	Calculation	<ul> <li>Occurrence of the first adverse event between April 1 and March 31 of fiscal year of interest for each outcome listed below:</li> <li>Death</li> <li>Coronary artery disease hospitalization (i.e., acute myocardial infarction)</li> <li>Cerebral vascular disease hospitalization (i.e., stroke)</li> <li>Peripheral vascular disease hospitalization (i.e., surgeries for peripheral vascular disease including amputations)</li> <li>Incident end-stage renal disease (i.e., requiring dialysis); see number 4 under denominator exclusions</li> <li>First occurrence of any of the above</li> </ul> Denominator All cases of diabetes that are prevalent on April 1 of each fiscal year	
		from 2005/06 to 2013/14 Excludes 1. Age < 20 at the time of diagnosis (since we're restricting ourselves to adults for almost all of the indicators) 2. In Ontario Diabetes Database < 1 year prior to April 1 of fiscal year of interest (i.e., were incident in year prior to fiscal year of interest) 3. Two or more OHIP fee codes for G860 to G866 present in previous year Methods (Numerator/denominator) * 100 Adjustment (risk, age/sex standardization) Direct standardization age/sex using the population of prevalent diabetes cases on April 1, 2013 Age group (20–34, 35–44, 45–54, 55–64, 65–74, 75–84 and 85+); sex; duration of diabetes: 0–4, 5–9, 10+ yr	

	Data source/data	DAD, RPDB and Ontario Diabetes Database; provided by ICES
	elements	
	liming and	Biannual
	frequency of data	
	release	
	Levels of	Over time, by LHIN, sex, age group, income quintile, urban/rural
	comparability	
	Targets or	None
	benchmarks	
	Target source	None
, z	Limitations/caveats	Unspecified
~ Z Z	Guidelines, SOPs,	None
ĭ≡́₹́≤	evidence for best	
ΗΨ	practice	
ощр		
ᄣᄖᆕ	Comments	None
=		

## Focus on Population Health

Colore	Colorectal cancer screening		
	Indicator description	Percentage of patients aged 50 to 74 who had a fecal occult blood test (FOBT) within the past two years, sigmoidoscopy or barium enema within five years or a colonoscopy within the past 10 years	
	Relevance/rationale	In both men and women, colorectal cancer is the third most common cancer in Canada and the second most common cause of cancer death. <sup>21</sup>	
INDICATOR DESCRIPTION		Colorectal cancer screening guidelines were established by the Canadian Task Force on Preventive Health Care in 2001 <sup>22</sup> and were followed by population screening recommendations from Health Canada's National Committee on Colorectal Cancer in 2002, including the recommendation that people aged 50 to 74 with an average risk for the disease have an FOBT every two years. There is fair evidence to include flexible sigmoidoscopy in the periodic health examinations of asymptomatic individuals over age 50 and screening with colonoscopy for people at above average risk. <sup>23</sup> The important role of primary care providers in colorectal cancer screening is shown by the results of the <i>Colon Cancer Screening in</i> <i>Canada</i> Survey, which indicate that the strongest motivator for getting screened for the disease is a discussion between patients and their doctors. <sup>24</sup>	
	HQO's reporting tool/product	Common Quality Agenda	
	Attribute	Focus on population health	
	Туре	Process	
	External Alignment	CIHI: Pan-Canadian Primary Care Indicators	
	Other reporting	Cancer Care Ontario	

	Accountability	Shared
TION	Unit of analysis	Percent
	Calculation	<b>Numerator</b> Number of screen eligible individuals who had a FOBT within past two years, other investigations (barium enema, sigmoidoscopy) within five years or a colonoscopy within the past 10 years
		A fecal occult blood testing (L181 or G004, L179, Q152, Q043, Q133) in the past 2 years received a colonoscopy in the previous 10 years (Z555 plus one of E740 or E741 or E747 or E705 on the same day)) A rigid sigmoidoscopy (Z535 or Z536) in the previous 5 years A flexible sigmoidoscopy in the previous 5 years (Z555 (without E740 or E741 or E747 or E705 on the same day) or Z580) A single contrast barium enema in the previous 5 years (X112) A double contract barium enema in the previous 5 years (X113)
M M		Denominator
<u> </u>		- Number of screen-eligible individuals aged 50 to 74 years
OURCE INF		<ul> <li>Excludes:</li> <li>Patients who have had colon cancer or inflammatory bowel disease in the past 5 years.</li> </ul>
0) 80		Methods (Numerator/denominator) * 100
EFINTION		Adjustment (risk, age/sex standardization) The 2006 Canadian population was used as the standard population for calculating age-standardized rates
B	Data source/data elements	Colonoscopy Interim Reporting Tool, Lab Reporting Tool, OHIP, Claims History Database, Ontario Cancer Registry, Pathology Information Management System, RPDB, PCCF+, version 5k
	Timing and frequency of data release	Annual
	Levels of comparability	Over time, by LHIN, gender, age, neighbourhood income quintile, urban/rural location, and public health unit
	Targets or benchmarks	100% of Ontarians aged 50 and over should be screened for colorectal cancer
	Target source	ColonCancerCheck (CCO)
OTHER RELEVANT INFORMATION	Limitations/caveats	<ul> <li>Historical RPDB address information is incomplete; therefore, the most recent primary address was selected for reporting, even for historical study periods</li> <li>FOBTs analyzed in hospital labs could not be captured</li> <li>Only FOBT as a primary screening test could be assessed; FOBT is recommended for those at average risk of colorectal cancer, while those at increased risk (first-degree relative with colorectal cancer) were not assessed because they could not be accurately identified</li> <li>A small proportion of FOBTs performed as diagnostic tests could not be excluded from the analysis</li> </ul>

Guidelines, SOPs, evidence for best practice	Canadian Task Force on Preventive Health Care. Screening strategies for colorectal cancer: a systematic review of the evidence <sup>25</sup>
Comments	None

#### Safety

Prescription medications review		
	Indicator description	Percentage of patients who report that, in the past 12 months, they
		had a review and discussion with their primary care provider of
		prescription medications they are using
	Relevance/rationale	A discussion and review with patients of what prescription
		medications they are currently using is part of a process known as
		medication reconciliation. <sup>20</sup>
		There is a need for enhanced medication safety procedures.
Z		According to the Ontario Primary Care Medication Reconciliation
Ĕ		Guide: A comparison of recorded medications in physicians
<u>e</u>		discrepancies in 76% of cases. In another study cited in the same
L L L		guide the rate of adverse drug events in ambulatory care was
ES		estimated at 27.4 per 100 patients: 13% of these events are
		classified as serious. <sup>27</sup>
Ь.		A study in 2007 showed that medication reconciliation conducted in
AT		a primary care clinic significantly reduced (from 26% to 6%) the
DC DC		proportion of visits with missing medication lists and reduced
Z		prescription medication errors by more than 50%. <sup>28</sup>
	HQO's reporting tool	None
	or product	
	Attribute	Safety
	Туре	Process
	External alignment	N/A
	Other reporting	None
	Accountability	Primary care
	Unit of analysis	Percentage
	Calculation	Numerator
ш		novider reviewed and discussed with them the prescription
N N N		medicines they are using
Ď,		
S O V O		Survey question
D I I		In the last 12 months, has your [fill fd_type]* reviewed and
AN		discussed with you the prescription medicine you are using?
NÖ		• Yes
μ		• No
		Don't know     Define al
E E		• Relused
		Denominator Respondents who are taking prescription modifing(s) on an an
		nespondents who are taking prescription medicine(s) on all on-
		gen.g 2000

		Base (respondents who answer yes)
		Are you taking any prescription medicines on a regular or on-going
		basis?
		• Yes
		• No
		Don't know
		Refused
		How many different prescription medicines are you taking on a
		regular or on-going basis?
		• One
		• Two
		Three
		Four or more
		• Don't know
		Refused
		Excludes
		• Don't know
		Refused
		Methods
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
		None
	Data source/data	HCES from the Ministry of Health and Long-Term Care's Health
	elements	Analytics Branch
	Timing and	Quarterly
	frequency of data	
	release	
	Levels of	Over time, by LHIN, sex, age group, income quintile, urban/rural
	comparability	
	Targets or	None
	benchmarks	
	Target source	None
z	Limitations/caveats	Reviews with pharmacists would not be captured in this indicator.
₽₽		Data for this indicator are self-reported and may therefore be
A A A T	Guidalinas SOPs	
ΗUN	ovidence for hest	None
оЩр	nrantica	
RR	Comments	None
-	Comments	

#### **Patient Centred**

Patien	t involvement in dec	isions about their care and treatment
	Indicator description	Percentage of patients who report their family physician, nurse
		practitioner or someone else in their office involves them as much
		as they want in decisions about their care or treatment
	Relevance/rationale	Shared decision making, where physicians and patients work
Z		together to make health care decisions while using the best
2		possible evidence, is now widely accepted to be the cornerstone of $20 - 100$
E		patient-centred care. <sup>29</sup> Evidence has demonstrated that shared
L R		decision making could potentially increase patient knowledge,
S.		reduce anxiety over the care process, improve health outcomes,
ā		reduce variation in care and costs and lead to greater alignment of
N N N	HOO's reporting tool	Care with patients values. <sup>3,3,4</sup>
Ŭ L 4	or product	Filling vale QFS
2	Attribute	Patient centred
<b>Q</b>	Typo	
-	Туре	
	External alignment	Primary care QIPs
	Other reporting	None
	Accountability	Primary care
	Unit of analysis	Percentage
	Calculation	Numerator
		Number of respondents who reported their (family doctor, nurse
		practitioner) or someone else in the office often or always involved
		them in the decisions about their care and treatment as much as
		they wanted
Z		Survey question
Ĭ		When you see your family doctor or someone else in their office,
ЧÞ		decisions about your care and treatment?
L N		
L L L		Always     Always
Z		Sometimes
U U U		Rarely
L N		Never
õ		Volunteers: it depends on who they see and/or what they are
0		there for
Z		Volunteers: no decisions required on care or treatment/not
z		applicable
2		• Don't know
Ξ		Refused
		Denominator
		Respondents who have a regular primary care provider
		Page (respondents who ensure was)
		Dase (respondents who answer yes)
		practitioner that you see for regular check-ups, when you are sick
1		T practitioner that you see for regular check-ups, when you die SICK
1		and so on?
		and so on?
		and so on? Excludes

		<ul> <li>Volunteers: it depends on who they see and/or what they are</li> </ul>
		there for
		<ul> <li>Volunteers: no decisions required on care or treatment/not</li> </ul>
		applicable
		Don't know
		Refused
		Methods
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
		None
	Data source/data	HCES from Ministry of Health and Long-Term Care's Health
	elements	Analytics Branch
	Timing and	Quarterly
	frequency of data	
	release	
	Levels of	Over time, by LHIN, age, sex, education, income, immigration
	comparability	status, language spoken at home, urban/rural status
	Targets or	None
	benchmarks	
	Target source	None
•	Limitations/caveats	Data for this indicator are self-reported and may therefore be
부문		subject to recall errors and over- and under-reporting
N A R	Guidelines, SOPs,	None
Ξ⊇≥	evidence for best	
[ [ ] ] ]	practice	
R R	Comments	None
-		

## Appropriately Resourced

Attachment to a regular primary care provider		
IDICATOR DESCRIPTION	Indicator description	Percentage of respondents who report having a family physician or nurse practitioner that they see for regular check-ups, when they are sick and so on
	Relevance/rationale	A strong primary care system is the hallmark of a high-performing health care system and is of the utmost importance for the health of the population. <sup>1,2</sup> In addition, primary care services have been found to be cost-effective. <sup>3</sup> Therefore, ensuring Ontarians have
		access to primary care providers is not only good for the health of Ontarians but also helps keep costs down. While attachment in Ontario is relatively high at approximately 95% in 2010/11, <sup>4</sup> there are obvious gaps when examined through various equity stratifications. The PCPM prioritization working group determined these gaps to be important to monitor
	HQO's reporting tool or product	Common Quality Agenda
=	Attribute	Access to and appropriate resources
	Туре	Process
	External alignment	CIHI – Priority Indicators for Policy-Makers
	Other reporting	None
	Accountability	Primary care

	Unit of analysis	Percentage
	Calculation	Numerator
		Number of respondents who reported having a family doctor, a
		general practitioner, family physician or nurse practitioner that they
		see for regular check-ups, when they are sick and so on
		Survey question
		Do you have a family doctor, a general practitioner or GP, or nurse
		practitioner that you see for regular check-ups, when you are sick
NO		
ΤIC		
ЧA		<ul> <li>Don't know</li> </ul>
R		
FC		Denominator
Z		All respondents
CE		
UR		Excludes
lõ.		• Don't know
D 0		Refused
N ∧		Methods
ż		(Numerator/denominator) * 100
DEFINTIO		·
		Adjustment (risk, age/sex standardization)
		Not risk or age/sex adjusted.
	Data source/data	HCES from Ministry of Health and Long-Term Care's Health
	elements	Analytics Branch
	Timing and	Quarterly – rolling four quarters of data
	frequency of data	
	release	
	Levels of	Over time, by LHIN, age, sex, education, income, immigration
	Comparability	
	henchmarks	None
	Target source	None
	Limitations/caveats	Data for this indicator are self-reported and may therefore be
HER VANT AATION		subject to recall errors and over- and under-reporting
	Guidelines, SOPs,	None
	evidence for best	
LE	practice	
REI NFO	Comments	This indicator was selected by the PCPM prioritization group with
		the stipulation that when reporting this indicator, an equity cross-cut
		would be the focus of attention

# **Practice-Level Technical Details**

#### Access

Attach	Attachment to a regular primary care provider		
	Indicator description	Percentage of respondents who report having a family physician or	
		nurse practitioner that they see for regular check-ups, when they	
		are sick and so on	
	Relevance/rationale	A strong primary care system is the hallmark of a high-performing health care system and is of the utmost importance for the health of	
Z		the population. <sup>1,2</sup> In addition, primary care services have been	
ΠC		found to be cost-effective. <sup>3</sup> Therefore, ensuring Ontarians have	
SCRIP		access to primary care providers is not only good for the health of Ontarians but also helps keep costs down. While attachment in	
ES ES		Ontario is relatively high at approximately 95% in 2010/11, <sup>4</sup> there	
		are obvious gaps when examined through various equity	
Ö		stratifications. The PCPM prioritization working group determined	
AT	11001	these gaps to be important to monitor	
Sic	HQU's reporting tool	Common Quality Agenda	
N	or product		
_	Attribute	Access to and appropriate resources	
	Туре	Process	
	External alignment	CIHI – Priority Indicators for Policy-Makers	
	Other reporting	None	
	Accountability	Primary care	
	Unit of analysis	Percentage	
	Calculation	Numerator	
		Number of respondents who reported having a family doctor, a	
		general practitioner, family physician or nurse practitioner that they	
NO		see for regular check-ups, when they are sick and so on	
Ĕ		Recommended survey question	
MA		Do you have a family doctor, a general practitioner or GP, or nurse	
R		practitioner that you see for regular check-ups, when you are sick	
ЫЧ		and so on?	
≤		• Yes	
U C C		• No	
UR		Don't know	
00		Refused	
Ő		Denominator	
AN		All respondents	
Z		Forder Las	
1 U		Excludes	
Ni		DOILLKIOW	
Ш		Refused	
		Methods	
		(Numerator/denominator) * 100	
		Adjustment (risk ang/sex standardization)	
		Not risk or age/sex adjusted	

	Data source/data elements	Data not currently available; practice-level survey recommended
	Timing and frequency of data release	N/A
	Levels of comparability	N/A
	Targets or benchmarks	None
	Target source	None
Z	Limitations/caveats	N/A
THER EVANT RMATIC	Guidelines, SOPs, evidence for best practice	None
0 REL INFOI	Comments	This indicator was selected by the PCPM prioritization working group with the stipulation that, when reporting this indicator, an equity cross-cut would be the focus of attention

Timely	Fimely access during regular hours		
N	Indicator description	Percentage of patients who report that they were able to see their	
		family physician or nurse practitioner on the same or next day	
	Relevance/rationale	While having a regular family physician is important, receiving	
Ē		timely access to your family physician is also important and can be	
E E		a significant barrier to receiving primary care. <sup>5</sup> Having timely access	
<b>D</b>		to primary care can help reduce unnecessary ED visits that strain	
ES		the health system. <sup>6</sup>	
	HQO's reporting tool	Primary care QIPs	
0 R	or product		
ATC	Attribute	Access	
	Туре	Process	
N N	External alignment	Association of Family Health Teams of Ontario: Data to Decisions	
_	Other reporting	None	
	Accountability	Primary care	
	Unit of analysis	Percentage	
	Calculation	Numerator	
		Number of respondents who saw their health care provider or	
CE		someone else in the office on the same or next day	
D _			
0 N		Recommended survey question	
ŐĔ		How many days did it take from when you first tried to see your	
NA		family doctor/nurse practitioner to when you actually saw him/her or	
A N N		someone else in their office?	
Θũ		Saw the doctor the same day	
Ę≤		Saw doctor next day	
		<ul> <li>Enter number of days</li> </ul>	
ШО		Twenty or more days	
_		Don't know	
		Refused	
		Denominator	

		<ul> <li>Number of respondents who saw their regular health care provider or someone else in the office when they were sick or were concerned that they had a health problem in the past 12 months</li> <li>Base (respondents who answered yes to both questions)</li> <li>Not counting yearly check-ups or monitoring of an ongoing health issue, in the last 12 months, did you want to see your [fill fd_type]** because you were sick or were concerned that you had a health problem?</li> <li>Did you actually see a doctor? [or someone else in the office or both]</li> <li>Excludes <ul> <li>Never tried to do this/never needed care</li> <li>Don't know</li> <li>Refused</li> </ul> </li> <li>Methods <ul> <li>(Numerator/denominator) * 100</li> </ul> </li> </ul>
	Data source/data	Not risk or age/sex adjusted Data not currently available; practice-level survey recommended
	elements	
	Timing and frequency of data release	N/A
	Levels of comparability	N/A
	Targets or benchmarks	None
	Target source	None
E NO	Limitations/caveats	N/A
OTHER ELEVAN ORMATI	Guidelines, SOPs, evidence for best practice	None
R	Comments	None

Contin	Continuity of care with a primary care physician		
z	Indicator description	Percentage of total primary care visits that are made to the	
Ō		physician with whom the patient is rostered or virtually rostered	
L L	Relevance/rationale	Evidence suggests that continuity of care at the primary care level	
R		improves health status and results in better chronic disease	
S S		outcomes. <sup>7,8</sup> Furthermore, as noted in a paper by the Canadian	
Ш		Health Services Research Foundation: "Continuity of care is also	
		associated with improved adherence to prescribed screening and	
Ö		treatment, better recognition of unidentified health problems, better	
A		rates of recommended immunizations, fewer acute care	
<u>0</u>		hospitalizations, lower use of emergency rooms, and improved	
<u> </u>		patient satisfaction. Researchers have also found a general	
-		reduction in health care costs as continuity of care improves."9	

	HQO's reporting tool or product	Primary Care Practice Reports
	Attribute	Access
	Туре	Process
	External alignment	None
	Other reporting	ICES Atlas: Primary Care in Ontario
	Accountability	Primary care
	Unit of analysis	Percentage
AND SOURCE INFORMATION	Calculation	<b>Numerator</b> Option 1: Primary care visits that are made to the physician to whom the patient is rostered or virtually rostered Option 2: Primary care visits that are made to the same group to which the patient is rostered or virtually rostered
		Denominator Number of total primary care visits per patient Excludes Patients who have not had three or more primary care visits within the requisite period (two years)
		Methods (Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization) None
LION	Data source/data elements	CAPE, OHIP, provided by ICES
DEFINI	Timing and frequency of data release	Biannual
	Levels of	Over time, by LHIN, by individual practice and by patient
	comparability	characteristics
	Targets or	None
	benchmarks	
	Target source	None
L NO	Limitations/caveats	Nurse practitioners are not captured owing to infrastructure limitations
OTHER ELEVAN ORMATI	Guidelines, SOPs, evidence for best practice	None
<sup>E</sup> S	Comments	None

Patient-reported access to after-hours and weekend care		
∟ ∩	Indicator description	Percentage of respondents who report that getting medical care in
		the evening, on a weekend or on a public holiday was difficult
NO ROS	Relevance/rationale	While having a regular family physician is important, receiving
		timely access to your family physician is also important and can be
- 0		a significant barrier to receiving primary care. <sup>5</sup> Having timely access

		to primary care can help reduce unnecessary ED visits that strain the health system. <sup>6</sup>
	HQO's reporting tool or product	None
	Attribute	Access
	Туре	Process
	External alignment	None
	Other reporting	The Quarterly: Health Care System Quarterly Reporting
	Accountability	Primary care
	Unit of analysis	Percentage
DEFINTION AND SOURCE INFORMATION	Calculation	Numerator         Number of respondents who reported how easy they found getting medical care in the evening, on a weekend or a public holiday without going to the ED as:         • Very easy         • Somewhat easy         • Somewhat difficult         • Very difficult         • Never tried to do this/never needed care         • Don't know         • Refused         Recommended survey question         The last time you needed medical care in the evening, on a weekend or on a public holiday, how easy or difficult was it to get care without going to the ED?         • Very easy         • Somewhat difficult         • Very easy         • Somewhat easy         • Somewhat easy         • Somewhat difficult         • Very easy         • Somewhat difficult         • Very difficult         • Never tried to do this/never needed care         • Don't know         • Refused         Excludes         • Volunteers: depends on what they called for         • Don't know         • Refused         Denominator         All respondents         Methods         (Numerator/denominator) * 100         Adjustment (risk, age/sex standardization)         Not risk or age/sex adjusted
	Data source/data elements	Data not currently available; practice-level survey recommended

	Timing and frequency of data release	N/A
	Levels of comparability	N/A
	Targets or benchmarks	None
	Target source	None
۲ę	Limitations/caveats	N/A
OTHER ELEVAN	Guidelines, SOPs, evidence for best practice	None
S R R	Comments	None

# Integration

<i>i</i> -uay	7-day post-hospital discharge follow-up rate for selected conditions		
	Indicator description	Percentage of patients who see their primary care provider within	
		seven days after discharge from hospital for selected conditions	
z	Relevance/rationale	Evidence suggests that early follow-up after hospitalization for heart	
<u>0</u>		failure results in a lower likelihood of readmission within 30 days of	
Ъ		discharge. <sup>10</sup> Readmissions in general are burdensome and are	
R.		estimated to cost Ontario roughly \$700 million a year. <sup>13</sup> Early follow-	
sc		up post-hospital discharge is therefore important for improving	
ШО		patient outcomes and controlling health system costs	
и И И	HQO's reporting tool	Common Quality Agenda (reported historically), Primary Care	
2	or product	Physician Reports	
CA	Attribute	Integration	
	Туре	Process	
<b></b>	External alignment	Primary care QIPs	
	Other reporting	None	
	Accountability	Shared	
_	Unit of analysis	Percentage	
õ	Calculation	Numerator	
Ē		At least one physician visit to the primary care provider of interest	
MA		(OHIP) within seven days of patient discharge from hospital	
		Calculate the percentage of patients (all conditions combined) who	
<b>DRI</b>		Calculate the percentage of patients (all conditions combined) who	
IFORI		saw:	
		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP',</li> </ul>	
		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> </ul>	
URCE INFORI		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> </ul>	
SOURCE INFOR		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> </ul>	
D SOURCE INFORI		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes</li> <li>Optario physician visits taking place in office, home or long-term</li> </ul>	
AND SOURCE INFORI		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes</li> <li>Ontario physician visits taking place in office, home or long-term care (based on ICES location macro)</li> </ul>	
N AND SOURCE INFORI		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes <ul> <li>Ontario physician visits taking place in office, home or long-term care (based on ICES location macro)</li> <li>Physician visits occurring between days 0–7 post-discharge (i e</li> </ul> </li> </ul>	
ION AND SOURCE INFOR		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes <ul> <li>Ontario physician visits taking place in office, home or long-term care (based on ICES location macro)</li> <li>Physician visits occurring between days 0–7 post-discharge (i.e., includes date of discharge)</li> </ul> </li> </ul>	
INTION AND SOURCE INFOR		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes <ul> <li>Ontario physician visits taking place in office, home or long-term care (based on ICES location macro)</li> <li>Physician visits occurring between days 0–7 post-discharge (i.e., includes date of discharge)</li> </ul> </li> </ul>	
EFINTION AND SOURCE INFOR		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes <ul> <li>Ontario physician visits taking place in office, home or long-term care (based on ICES location macro)</li> <li>Physician visits occurring between days 0–7 post-discharge (i.e., includes date of discharge)</li> </ul> </li> </ul>	
DEFINTION AND SOURCE INFOR		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes <ul> <li>Ontario physician visits taking place in office, home or long-term care (based on ICES location macro)</li> <li>Physician visits occurring between days 0–7 post-discharge (i.e., includes date of discharge)</li> </ul> </li> <li>Excludes</li> </ul>	
DEFINTION AND SOURCE INFOR		<ul> <li>Primary care provider of interest (IPDB Mainspec = 'GP/FP', geriatrician or pediatrician)</li> <li>Includes <ul> <li>Ontario physician visits taking place in office, home or long-term care (based on ICES location macro)</li> <li>Physician visits occurring between days 0–7 post-discharge (i.e., includes date of discharge)</li> </ul> </li> <li>Excludes <ul> <li>Negated OHIP claims, duplicate claims and lab claims</li> </ul> </li> </ul>	

	Records with missing or invalid data on discharge/admission
	date, health number, age and gender
	Denominator
	Patients rostered or virtually rostered to the physician/practice of interest who were hospitalized within each fiscal year from 2005/06 to 2013/14 (DAD) for the following conditions (identified by CMG codes*):
	<ul> <li>Cardiac conditions, excluding heart attack (CMG+ codes 202, 204, 208)</li> <li>Pneumonia (CMG+ codes 136, 138, 143)</li> <li>Diabetes (CMG+ code 437)</li> <li>Stroke (CMG+ codes 25, 26, 28)</li> <li>Gastrointestinal disease (CMG+ codes 231, 248, 251,253, 254, 255, 256, 257, 258, 285, 286, 287, 288)</li> <li>CHF (CMG+ code 196)</li> <li>COPD (CMG+ code 139)</li> </ul>
	DXTYPE = "M"
	<ul> <li>Excludes</li> <li>Patients under age 40 for cardiac CMGs</li> <li>Patients under age 45 for stroke, COPD and CHF</li> <li>Deaths, acute transfers, patient sign-outs against medical advice</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> <li>Cases with no resource intensity weight assigned</li> </ul>
	<ul> <li>Transfers to other hospital care and to other (palliative care/hospice, addiction treatment centre) as defined by discharge disposition '01', '03'</li> <li>Sign-outs, short-stay cases, cadavers and stillbirths</li> </ul>
	*Using CMG+ instead of ICD-10 codes (in variable CMG2012)
	Methods (Numerator/denominator) * 100
	Adjustment (risk, age/sex standardization) Direct standardization (age and sex) using 1991 Canadian Census population. Age groups are <20, 20–44, 45–64, 65–79, 80+
Data source/data elements	CIHI's DAD, CAPE, Corporate Provider Database, OHIP Claims History Database, ICES's RPDB
Timing and frequency of data release	Annual
Levels of	Over time, by LHIN, sex, age group, income quintile, urban/rural
Targets or	None
Target source	None
1	

OTHER RELEVANT NFOMATION	Limitations/caveats	The methodology used to calculate the measure differs for patient enrollment models and for CHCs/AHACs/NPLCs. This results in slight differences in the definition of the population included in the denominator
	Guidelines, SOPs, evidence for best practice	None
_	Comments	None

30-day	hospital readmission	on rate	
	Indicator description	Percentage of patients who were re-admitted to a hospital following	,
		their initial hospitalization within 30 days of discharge	
	Relevance/rationale	Urgent readmissions to acute care facilities are increasingly being used to measure institutional or regional quality of care and care coordination	
OR DESCRIPTION		Readmission rates can be influenced by a variety of factors, including the quality of inpatient and outpatient care, the effectiveness of the care transition and coordination, and the availability and use of effective disease management community-based programs. While not all unplanned readmissions are avoidable, interventions during and after a hospitalization can be effective in reducing readmission rates. <sup>14</sup>	
ICAT	or product	Primary Care Practice Reports	
	Attribute	Integration, effectiveness	
£	Туре	Outcome	
	External alignment	CIHI, Ministry LHIN Performance Agreement, 2013–2015, Hospital Service Accountability Agreement, 2012–2013 (30-day only)	
	Other reporting	Association of Family Health Teams of Ontario: Data to Decisions, Quarterly	
	Accountability	Shared	
	Unit of analysis	Percentage	
NFORMATION	Calculation	<ul> <li>Numerator</li> <li>Number of emergent or urgent non-elective hospital readmission to an acute care hospital following any hospitalization (including elective hospitalizations):</li> <li>Within 30 days of discharge</li> </ul>	,
CE II		Excludes	
INTION AND SOUR		<ul> <li>Cases where readmission<sup>†</sup> is coded as an acute transfer by the receiving hospital (unless the readmission<sup>†</sup> was coded as a transfer from the same hospital)</li> <li>Negated OHIP claims, duplicate claims and lab claims</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> <li>Elective hospitalizations</li> </ul>	
DEF		†Hospital readmission is readmission to any acute care hospital in the province for any condition, including a different condition than the reason for the original hospital admission	
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	Denominator
	Total number of patients rostered or virtually rostered to the
	physician/practice of interest who had an acute care discharge from
	an episode of care in which one of the conditions below (identified by the CMC code) is coded as most responsible diagnosis
	(DXTYPE = "M") in the first hospitalization of the episode within
	each fiscal year (minus last 30 days for follow-up) from 2009/10 to
	2013/14:
	• Cardiac conditions, excluding heart attack (CMG+ codes 202, 204, 208)
	• Pneumonia (CMG+ codes 136, 138, 143)
	Diabetes (CMG+ code 437)
	• Stroke (CMG+ codes 25, 26, 28)
	• Gastrointestinal disease (CMG+ codes 231, 248, 251,253, 254,
	200, 200, 207, 208, 280, 280, 287, 288)
	• COPD (CMG+ code 139)
	Excludes
	Non-Ontario residents
	Residents ineligible for OHIP at index date     Desidents who did not have contact with a primary core provider
	• Residents who did not have contact with a primary care provider within the previous seven years
	Patients under age 40 for cardiac CMGs
	Patients under age 45 for stroke, COPD and CHF
	<ul> <li>Deaths, acute transfers, patient sign-outs against medical advice</li> <li>Records with missing or invalid data on discharge/admission date, health number, age and gender</li> </ul>
	Cases with no resource intensity weight assigned
	Transfers to other hospital care and to other (palliative
	care/hospice, addiction treatment centre) as defined by discharge disposition '01', '03'
	<ul> <li>Sign-outs, short-stay cases, cadavers and stillbirths</li> </ul>
	Methods
	(Numerator/denominator) * 100
	Adjustment (risk, age/sex standardization)
	Census population
	Age groups are <20, 20–44, 45–64, 65–79, 80+
Data source/data elements	DAD, CAPE, OHIP, Corporate Provider Database
Timing and	Biannual
frequency of data release	
Levels of	Over time, by LHIN, sex, age group, income quintile, urban/rural
comparability	location
Targets or	None
Denchmarks	None
raiger source	

OTHER RELEVANT NFORMATIO	Limitations/caveats	Unspecified
	Guidelines, SOPs, evidence for best practice	None
	Comments	None

## Efficiency

Per-ca	Per-capita health care expenditures by category		
	Indicator description	Per-capita health care expenditures by category:	
		Total cost	
		Primary care costs	
		GP/FP FFS visits	
		<ul> <li>FHO/FHN capitation costs</li> </ul>	
		<ul> <li>Non-FFS GP/FP visits</li> </ul>	
		Physician, lab, drug, ED and outpatient costs	
		<ul> <li>OHIP specialty physician FFS costs</li> </ul>	
		ODB drug cost	
		<ul> <li>Home Care Services cost</li> </ul>	
		NACRS ED	
		OHIP lab cost	
		<ul> <li>OHIP non-physician cost</li> </ul>	
		<ul> <li>Other non-FFS visits</li> </ul>	
-		<ul> <li>EDAFA non-FFS visits</li> </ul>	
õ		<ul> <li>Non-FFS medical oncologists</li> </ul>	
Ē		<ul> <li>Non-FFS radiation oncologists</li> </ul>	
RII		NACRS cancer	
SC		NACRS dialysis	
ШО		Inpatient and SDS costs	
Ř		<ul> <li>Inpatient (CIHI's DAD)</li> </ul>	
10		• SDS	
CA		<ul> <li>Inpatient mental health</li> </ul>	
ā		Long-term care, CCC and rehab costs	
Z		<ul> <li>Cost of long-term care</li> </ul>	
		Cost of CCC	
		Rehab (NRS)	
	Relevance/rationale	Health care expenditures have been growing for a number of	
		reasons; however, an aging population, as commonly believed, is	
		not the biggest driver of costs. According to a report by CIHI, in	
		Canada, demographic factors have accounted for only 1.8% of the	
		2008 physician spending has been among the fastest-growing	
		categories, increasing at a year-over-year rate of 6.8%. <sup>15</sup> Monitoring	
		system-level costs is an important step to better understanding the	
		drivers of health care expenditures	
	HQO's reporting tool	Not currently reported	
	or product		
	Attribute	Efficiency	
	Туре	Structural	

	External alignment	ICES
	Other reporting	Not currently reported
	Accountability	N/A
	Unit of analysis	Cost per capita
	Calculation	Numerator
		Total cost
		Primary care costs
		GP/FP FFS visits
		FHO/FHN capitation costs
		Non-FES GP/EP visits
		Physician lab drug ED and outpatient costs
		OHIP specialty physician FES costs
		ODB drug cost
		Home Care Services cost
		NACKS ED
		OHIP lab cost     OHIP non physician cost
		OHIP non-physician cost     Other near EEO visite
_		Other non-FFS visits
ð		EDAFA non-FFS visits
Ē		Non-FFS medical oncologists
Ň		Non-FFS radiation oncologists
<b>N</b>		NACRS cancer
Ĕ		NACRS dialysis
<b></b>		Inpatient and SDS costs
Ü		<ul> <li>Inpatient (CIHI's DAD)</li> </ul>
L N		• SDS
0 0		<ul> <li>Inpatient mental health</li> </ul>
		Long-term care, CCC and rehab costs
Z		<ul> <li>Cost of long-term care</li> </ul>
z		Cost of CCC
<u>9</u>		Rehab (NRS)
z		Denominator
Ē		Total mid-year population rostered or virtually rostered to the
ä		physician/practice of interest for the fiscal year of interest
		Methods
		(Numerator/denominator)
		Adjustment (risk, age/sex standardization)
		Rurality: based on RIO
		Age and sex: RPDB
		<ul> <li>Socio-economic status: based on the income quintiles</li> </ul>
		Morbidity: based on John Hopkins Adjusted Diagnostic Groups or
	Dete equipartitata	The Resource Utilization Band
	Data source/data	DAD, NACRS, NRS, Continuing Care Reporting System, OMHRS,
	elements	Administration System, SDS Database, provided by ICES
	Timing and	To be determined
	frequency of data	
	release	
	Levels of	Provincial, LHIN, practice
	comparability	

	Targets or benchmarks	N/A
	Target source	N/A
RELEVANT RMATION	Limitations/caveats	<ul> <li>Interpretation of this indicator is challenging, as directionality is not clear</li> <li>Care delivered in teams is not captured</li> <li>Overhead costs for physicians are not captured</li> <li>No shadow billing indicator in OHIP data prior to 2005</li> <li>Medical/radiation oncologists' salaries are not available for years 2002–2004</li> </ul>
OTHEF	Guidelines, SOPs, evidence for best practice	N/A
	Comments	None

Time I	Time from the scheduled appointment time to time the appointment started		
	Indicator description	Patient-reported wait times from when their consultation was scheduled to start to when they met with a health care provider	
SCRIPTION	Relevance/rationale	While having a regular family physician is important, receiving timely access to your family physician is also important and can be a significant barrier to receiving primary care. <sup>5</sup> Having timely access to primary care can also help reduce unnecessary ED visits that strain the health system. <sup>6</sup>	
	HQO's reporting tool or product	None	
ATC	Attribute	Access	
	Туре	Process	
N Z	External alignment	None	
	Other reporting	None	
	Accountability	Primary care	
	Unit of analysis	Percentage	
DEFINTION AND SOURCE INFORMATION	Calculation	Numerator         Wait time for patient consultation, from its scheduled time to when they actually met with a health care provider:         Immediately         Less than 5 minutes         5–10 minutes         11–20 minutes         21–30 minutes         More than 30 minutes         This measure will be reported as some percentage of patients receiving care within a pre-determined threshold value         Recommended survey question         How long did you wait for your consultation to start from its scheduled time to when you actually met with a health care provider?         Immediately         Less than 5 minutes	

		• 11–20 minutes
		• 21–30 minutes
		More than 30 minutes
		There was no set time for my consultation
		Denominator
		All respondents
		Excludes
		There was no set time for my consultation
		Methods
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
		Not risk or age/sex adjusted
	Data source/data	Data not currently available; practice-level survey recommended
	liming and	N/A
	frequency of data	
	release	
		N/A
		Nexe
	largets or	None
		None
	Target source	None Data for this indicator are safe reported and may therefore he
0	Limitations/caveats	Data for this indicator are self-reported and may therefore be
THER LEVAN DRMATI	Cuidelines CODe	Subject to recail errors and over- and under-reporting
	Guidelines, SUPS,	None
	evidence for Dest	
		None
ΨZ	Comments	NOTE

#### Effectiveness

Patients with diabetes receiving glycated hemoglobin testing in the past 12 months		
NOIL	Indicator description	Percentage of diabetic patients aged 40 years and older who have had two or more glycated hemoglobin (HbA1c) tests within the past 12 months
DICATOR DESCRIPT	Relevance/rationale	Diabetes mellitus refers to a group of diseases characterized by elevated blood glucose levels. Diabetes can lead to serious health complications and death, but individuals with diabetes can work with their primary care providers to control the disease and reduce the risk of complications. Guidelines recommend monitoring glycemic control in individuals diagnosed with diabetes via HbA1c testing every three months when glycemic targets are not being met and when diabetes therapy is being adjusted. <sup>32</sup>
Z	HQO's reporting tool or product	N/A

	Attribute	Effectiveness
	Туре	Process
	External alignment	None
	Other reporting	N/A
	Accountability	Primary care
	Unit of analysis	Percentage
	Calculation	<b>Numerator</b> Number of diabetic patients aged 40 years and older who have had two or more glycated hemoglobin (HbA1c) tests within the past 12 months
Z		<ul> <li>Includes</li> <li>Diabetes patients rostered or virtually rostered to the physician/practice of interest aged 40 years and older who are identified in the Ontario Diabetes Database as diabetics in the previous two years</li> </ul>
Ĕ		HDA1C tests are defined by the OHIP fee code (L093)
NFORMA'		<b>Denominator</b> Total number of diabetes patients rostered or virtually rostered to the patient/practice of interest aged 40 years and over
CE		Excludes
ND SOUR		<ul> <li>Patients who were not residents in Ontario in each year</li> <li>Patients with a missing or invalid health care number, date of birth or postal code</li> <li>Age on index date in each corresponding year exams: under 40</li> </ul>
A NO		years <ul> <li>Women with gestational diabetes</li> </ul>
E		Methods
		(Numerator/denominator) * 100
DEI		Adjustment (risk, age/sex standardization) Not adjusted
	Data source/data elements	Ontario Diabetes Database (comprising OHIP, RPDB, ODB and CIHI), ODB
	Timing and frequency of data release	Biannual
	Levels of comparability	Over time, by LHIN, sex, age group, income quintile, urban/rural
	Targets or benchmarks	N/A
	Target source	N/A
RELEVANT 3MATION	Limitations/caveats	<ul> <li>Ontario Diabetes Database does not differentiate between type I and type II diabetes mellitus</li> <li>HbA1c measure includes only OHIP fee-for-service hemoglobin A1c tests conducted in community labs. Lab tests for A1c conducted in hospitals are not individually submitted and therefore not available</li> </ul>
OTHER INFO	Guidelines, SOPs, evidence for best practice	None
	Comments	None

Patients with hypertension with blood pressure recorded in the previous 12 months		
	Indicator description	Percentage of patients with hypertension with blood pressure recorded in the previous 12 months
SCRIPTION	Relevance/rationale	According to the Heart and Stroke Foundation, blood pressure for patients with hypertension should be checked regularly, as recommended by a doctor. <sup>33</sup> The frequency of follow-up for treated patients after adequate blood pressure control is attained depends upon factors such as the severity of the hypertension, variability of blood pressure.
DR DE		complexity of the treatment regimen, patient compliance and the need for nonpharmacological advice. <sup>34</sup>
CATC	HQO's reporting tool or product	N/A
ā	Attribute	Effectiveness
≤	Туре	Process
	External alignment	None
	Other reporting	N/A
	Accountability	Primary care
	Unit of analysis	Percentage
DEFINTION AND SOURCE INFORMATION	Carculation	Numerator         Number of patients with hypertension for whom there is a record of blood pressure assay in the previous 12 months         Denominator         Number of patients with hypertension         Methods         (Numerator/denominator) * 100         Adjustment (risk, age/sex standardization)         Not adjusted
	Data source/data elements	Not currently available; electronic medical records (EMR)/electronic health record (EHR) data extraction recommended
	Timing and frequency of data release	N/A
	Levels of comparability	N/A
	Targets or benchmarks	N/A
	Target source	N/A
DTHER ELEVANT ORMATIO	Limitations/caveats	N/A
	Guidelines, SOPs, evidence for best practice	N/A
IN R	Comments	Measure source: Quality and Outcome Framework: United Kingdom 2012/13

Pere	Percentage of mental health patients seeing a primary care provider within 7			
and	30 days after mental	health inpatient discharge		
	Indicator description	The percentage of psychiatric discharges that had a mental health follow-up visit to a physician (primary care provider or psychiatrist), within 7 days and 30 days of discharge		
	Relevance/rationale	The transition from inpatient to outpatient setting is a critical point in the continuum of care and a real opportunity to prevent readmissions. <sup>35</sup>		
		Research has found patient access to follow-up care within 7 days of discharge from hospitalization for mental illness to be a strong predictor of a reduction in hospital readmissions. <sup>36</sup>		
INDICATOR DESCRIPTION		Inpatient treatment may stabilize individuals with acute mental conditions, but timely and proper continued care is needed to maintain and extend improvement after inpatient care. The period immediately following discharge from inpatient care is recognized as a time of increased vulnerability. <sup>37</sup> The risk of suicide is higher during the period immediately following discharge from inpatient psychiatric care. <sup>38</sup> Readmissions immediately after hospital discharge are more likely to be related to care during hospitalization. They may also be due to failure in the transition of care between the hospital and outpatient care. The gap between the percentage of readmissions and the percentage of potentially avoidable readmissions widens as the number of days increase, suggesting the importance of follow-up care immediately after discharge. <sup>39</sup>		
		problems and provides continuing support that improves treatment outcomes and reduces health care costs. <sup>40</sup>		
	HQO's reporting tool or product	Yearly Report (formerly Quality Monitor)		
	Attribute	Effective		
	Туре	Process		
	External alignment	N/A		
	Other reporting	Hospital Report 2007 Mental Health <sup>41</sup>		
	Accountability	Hospital, Primary care, Long-term care		
	Unit of analysis	Percentage		
D SOURCE TION	Calculation	<b>Numerator</b> <b>7 days:</b> Number of patients who, within 7 days of discharge following index hospitalization, had at least one psychiatrist or primary care physician mental health visit		
TION AN NEORMA		<b>30 days:</b> Number of patients who, within 30 days of discharge following index hospitalization, had at least one psychiatrist or primary care physician mental health visit.		
DEFIN		<b>Denominator</b> <b>7 days:</b> Acute care discharges of patients rostered or virtually rostered to the practice/physician of interest from an episode of care in which a mental health and addiction condition is diagnosed and is		

coded as most responsible diagnosis (CIHI – ICD-10 with dxtype = M, OMHRS‡ - DSM-IV in Q2A/Q2D or provisional dx Q1D/Q1E/Q1F/Q1G/Q1O/Q1P = 1) in the first hospitalization of the episode within each fiscal year (minus last 7 days for follow-up) from 2006/07 to 2013/14
<b>30 days:</b> Acute care discharges of patients rostered or virtually rostered with the practice/physician of interest from an episode of care in which a mental health and addiction condition is diagnosed and is coded as most responsible diagnosis (CIHI – ICD-10 with dxtype = M, OMHRS‡ - DSM-IV in Q2A/Q2D or provisional dx Q1D/Q1E/Q1F/Q1G/Q1O/Q1P = 1) in the first hospitalization of the episode within each fiscal year (minus last 30 days for follow-up) from 2006/07 to 2013/14
<ul> <li>Substance-related disorders—ICD-10-CA: F55, F10 to F19; DSM-IV: 291.x (0, 1, 2, 3, 5, 81, 89, 9), 292.0, 292.11, 292.12, 292.81, 292.82, 292.83, 292.84, 292.89, 292.9, 303.xx (00, 90), 304.xx (00, 10, 20, 30, 40, 50, 60, 80, 90), 305.xx (00, 10 to 90 excluding 80); Provisional diagnosis§: (d) substance-related disorder; or</li> <li>Schizophrenia, delusional and non-organic psychotic disorders—ICD-10-CA: F20 (excluding F20.4), F22, F23, F24, F25, F28, F29, F53.1; DSM-IV: 295.xx (10, 20, 30, 40, 60, 70, 90), 297.1, 297.3, 298.8, 298.9; Provisional diagnosis§: (e) schizophrenia disorder; or</li> <li>Mood/affective disorders—Mood/affective disorders—ICD-10-CA: F30, F31, F32, F33, F34, F38, F39, F53.0; DSM-IV: 296.0x, 296.2x, 296.3x, 296.4x, 296.5x, 296.6x, 296.7, 296.80, 296.89, 296.90, 300.4, 301.13; Provisional diagnosis§: (f) mood disorders; or</li> <li>Anxiety disorders—ICD-10-CA: F40, F41, F42, F43, F48.8, F48.9,; DSM-IV: 300.xx (00, 01, 02, 21, 22, 23, 29), 300.3, 308.3, 309.x (0, 3, 4, 9), 309.24, 309.28, 309.81; Provisional diagnosis§: (g) anxiety disorders or (o) adjustment disorders or</li> <li>Selected disorders of adult personality and behaviour—Selected disorders of adult personality and behaviour—Selected disorders of adult personality and behaviour—ICD-10-CA: F60, F61, F62, F69, F21; DSM-IV: 301.0, 301.20, 301.22, 301.4, 301.50, 301.6, 301.7, 301.81, 301.82, 301.83, 301.9 Provisional diagnosis§: (p) parameters</li> </ul>
Age range to include 15 – 120 years
<ul> <li>Patients without a valid health insurance number</li> <li>Patients without an Ontario residence</li> <li>Gender not recorded as male or female</li> <li>Invalid date of birth, admission date/time, discharge date/time</li> <li>Discharge where the patient signed himself/herself out or the patient died</li> <li>Patients who died or had hospitalizations with a subsequent readmission (any cause) to acute care (CIHI or OMHRS‡) within 7 days of index hospitalization discharge date</li> </ul>
‡ If OMHRS record occurs within 24 hours of discharge/admission from institution, then this should be considered as part of the same episode of care

		§ For provisional diagnoses: only for data extracted from OMHRS with no DSM-IV code recorded
		Methods (Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization) N/A
	Data source/data elements	Indicator could be calculated at the practice level using administrative data. CIHI's DAD, OMHRS (starting from 2005/06), OHIP database
	Timing and frequency of data release	Biannual
	Levels of comparability	Over time, by LHIN, sex, age group, income quintile, urban/rural
	Targets or benchmarks	N/A
	Target source	N/A
EVANT	Limitations/caveats	Methodology used to calculate the measure differs for patient enrollment models and for CHCs/AHACs/NPLCs. This results in slight differences in the definition of the population included in the denominator
ER REL FORMA	Guidelines, SOPs, evidence for best practice	N/A
OTH IN	Comments	None

## **Focus on Population Health**

Demographic information		
	Indicator description	Patient/population demographic information:
		<ul> <li>Age (in years)</li> </ul>
		Gender
		Income
		Education
Z		<ul> <li>Location of residence</li> </ul>
Ĕ		<ul> <li>Sexual orientation</li> </ul>
Ē		Disability
CH CH		• Language
ES		Immigration
Δ		<ul> <li>Ethno-cultural identity</li> </ul>
OR		Aboriginal status
Ĭ		Social support
0		Mental health status
<b>P</b>		Employment status
=	Relevance/rationale	Collecting demographic information to better understand the
		population being served can help providers ensure they have the
		tools necessary to provide the right care tailored to the
		demographics of their specific patient population
	HQU's reporting tool	N/A
	or product	
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	Attribute	Focus on population health
	Туре	Context indicator
	External alignment	N/A
	Other reporting	N/A
	Accountability	Shared
	Unit of analysis	Percentage
	Calculation	Numerator
		Respondents' information on the following characteristics:
		<ul> <li>Age (in years)</li> </ul>
		• Gender
		• Income
		• Education
		Location of residence
		Sexual orientation
N		
Ĕ		• Language
ЧA		Thingration     Ethno cultural identity
RI		Aboriginal status
Б		Social support
Z		Mental health status
CE		Employment status
UR		Denominator
SO		N/A
Q		Methods
A N		Each characteristic is aggregated for the entire practice population
Z		Adjustment (risk, age/sex standardization)
		N/A
DEI	Data source/data	No data available
-	elements	
		EMR/EHR data extraction or practice-level survey recommended
	Timing and	N/A
	requency of data	
	Levels of	N/A
	comparability	
	Targets or	N/A
	benchmarks	
	Target source	N/A
느은	Limitations/caveats	None
ANA	Guidelines, SOPs,	N/A
H H N N	evidence for best	
OF ELE	practice	
RA	Comments	None

Colore	ctal cancer screenir	ng
	Indicator description	Percentage of patients aged 50 to 74 who had an FOBT within the past two years, sigmoidoscopy or barium enema within five years or
	Relevance/rationale	In both men and women, colorectal cancer is the third most common cancer in Canada and the second most common cause of cancer death. <sup>23</sup>
DR DESCRIPTION		Colorectal cancer screening guidelines were established by the Canadian Task Force on Preventive Health Care in 2001 <sup>24</sup> and were followed by population screening recommendations from Health Canada's National Committee on Colorectal Cancer in 2002, including the recommendation that people aged 50 to 74 with an average risk for the disease have an FOBT every two years. There is fair evidence to include flexible sigmoidoscopy in the periodic health examinations of asymptomatic individuals over age 50 and screening with colonoscopy for above-average-risk individuals. <sup>42</sup>
INDICATO		The important role of primary care providers in colorectal cancer screening is shown by the results of the <i>Colon Cancer Screening in Canada</i> Survey, which indicate that the strongest motivator for getting screened for the disease is a discussion between individuals and their doctors. <sup>43</sup>
	HQO's reporting tool	Common Quality Agenda
	Attribute	Focus on population health
	Туре	Process
	External alignment	CIHI: Pan-Canadian Primary Care Indicators
	Other reporting	CCO
	Accountability	Shared
	Unit of analysis	Percentage
DEFINTION AND SOURCE INFORMATION	Calculation	<ul> <li>Numerator Number of screen-eligible individuals who had an FOBT within past two years, other investigations (barium enema, sigmoidoscopy) within five years or a colonoscopy within the past 10 years </li> <li>FOBT (L181 or G004, L179, Q152, Q043, Q133) in the past two years <ul> <li>Colonoscopy in the previous 10 years (Z555 plus one of E740 or E741 or E747 or E705 on the same day)</li> <li>Rigid sigmoidoscopy (Z535 or Z536) in the previous five years</li> <li>Flexible sigmoidoscopy in the previous five years (Z555 (without E740 or E741 or E747 or E705 on the same day) or Z580</li> <li>Single-contrast barium enema in the previous five years (X112)</li> <li>Double-contrast barium enema in the previous 5 years (X113)</li> </ul> </li> <li>Denominator <ul> <li>Number of screen-eligible individuals rostered or virtually rostered to the physician/practice of interest who are aged 50 to 74 years</li> </ul> </li> </ul>
		Patients who have had colon cancer or inflammatory bowel disease in the past 5 years.

		Methods (numerator/denominator) * 100
		Adjustment (risk, age/sex standardization) The 2006 Canadian population was used as the standard population for calculating age-standardized rates
	Data source/data elements	Colonoscopy Interim Reporting Tool, Lab Reporting Tool, OHIP, Claims History Database, Ontario Cancer Registry, Pathology Information Management System, RPDB, Postal Code Conversion File+, version 5k Practices are able to receive performance data on this indicator from monthly SAR reports run by CCO
	Timing and frequency of data release	Annual
	Levels of comparability	Over time, by LHIN, gender, age, neighbourhood income quintile, urban/rural location, and public health unit.
	Targets or benchmarks	100% of Ontarians aged 50 and over should be screened for colorectal cancer
	Target source	ColonCancerCheck (CCO)
ATION	Limitations/caveats	<ul> <li>Historical RPDB address information is incomplete; therefore, the most recent primary address was selected for reporting, even for historical study periods</li> <li>FOBTs analyzed in hospital labs could not be captured</li> </ul>
ELEVANT INFORMA		<ul> <li>Only FOBT as a primary screening test could be assessed; FOBT is recommended for those at average risk of colorectal cancer, while those at increased risk (first-degree relative with colorectal cancer) were not assessed, as they could not be accurately identified</li> <li>A small proportion of FOBTs performed as diagnostic tests could not be excluded from the analysis</li> <li>OHIP data may include (CCC program) rejected kits</li> </ul>
THER R	Guidelines, SOPs, evidence for best	Canadian Task Force on Preventive Health Care. Screening strategies for colorectal cancer: a systematic review of the
ο	Comments	None
Cervic	al cancer screening	
	Indicator description	Percentage of women aged 21 to 69 who had a Papanicolaou (Pap) test within the past three years
INDICATOR DESCRIPTION	Relevance/rationale	Cervical cancer is preventable. Yet, year after year, about 550 women are diagnosed with cancer of the cervix, and about 160 women die from this disease in Ontario Regular screening is an essential defense against cervical cancer. Cervical cancer screening can detect early cell changes on the cervix caused by persistent human papillomavirus (HPV) infection. These changes seldom cause any symptoms, but can progress to cancer if not found and managed. <sup>44</sup> CCO updated its cervical cancer screening guidelines in 2012. Cervical cancer screening is recommended for women aged 21–69

		Screening can stop at 70 years of age in women who have had three or more normal tests in the prior 10 years. <sup>45</sup>
	HQO's reporting tool or product	N/A
	Attribute	Focus on population health
	Туре	Process
	External alignment	Ministry of Health and Long-Term Care and CCO
	Other reporting	Cancer Quality Council of Ontario (CQCO), Ministry of Health and Long-Term Care's Health Analytics Branch, Resource for Indicator Standards
	Accountability	Primary care
	Unit of analysis	Percentage
CE INFORMATION	Calculation	<ul> <li>Numerator Number of screen-eligible women aged 21 to 69 years who had a Pap test within the past three years </li> <li>Includes <ul> <li>Women aged 23–69 years at the index date</li> <li>Index date was defined by service date in OHIP in a three-year period</li> <li>Pap tests identified using fee codes in OHIP (E430, G365a, G394a, L712 or L812)</li> <li>Each woman is counted once regardless of the number of Pap tests performed in a three-year period</li> </ul> </li> <li>Denominator <ul> <li>Total number of screen-eligible women aged 23 to 69 years who are rostered or virtually rostered to the physician/practice of interest</li> </ul> </li> </ul>
DEFINTION AND SOURC		<ul> <li>Women with a missing of invalid health care humber, date of birth, LHIN or postal code</li> <li>Women with a history of cervical cancer or hysterectomy using the fee codes in OHIP (S710, S727, S757, S758, S759, S762, S763, S765, S766, S767, S810, S816)</li> <li>Methods         <ul> <li>(Numerator/denominator) * 100</li> </ul> </li> </ul>
		Adjustment (risk, age/sex standardization) N/A
	Data source/data elements	OHIP, Cytobase, Ontario Cancer Registry, Pathology Information Management System, CAPE database, Corporate Providers Database, RPDB Practices are able to receive performance data on this indicator from monthly SAR reports run by CCO
	Timing and frequency of data release	Biannual
	Levels of comparability	Across time, regional, across age group (20–29; 30–39; 40–49; 50– 59; 60–69), neighbourhood income quintile, by Public Health Units, urban/rural residence, immigrant
	Targets or benchmarks	Performance target > 85%

	Target source	Ontario Cancer Plan target
LEVANT ATION	Limitations/caveats	<ul> <li>A small proportion of Pap tests performed as a diagnostic test could not be excluded from the analysis</li> <li>The indicator does not capture tests done in hospital laboratories or paid through alternate payment plans, such as out-of-pocket</li> </ul>
HER RE NFORM	Guidelines, SOPs, evidence for best practice	CCO cervical cancer screening guidelines
P € €	Comments	None

Preval	ence of overweight,	underweight and obesity
	Indicator description	Percentage of respondents who are obese, overweight,
		underweight or normal weight according to self-reported weight and
		height data:
		<ul> <li>Adults aged 18 and over</li> </ul>
		Children aged 12–17 (obese, overweight or neither)
	Relevance/rationale	Obesity has reached epidemic proportions in Canada and Ontario.
7		Between 1981 and 2007–2009, obesity roughly doubled in most
Ō		age groups in the adult and youth categories. Given these trends,
РТ		obesity poses a significant burden to the health care system.
IX.		Obesity increases the risk of a variety of chronic conditions ranging
SC		from type 2 diabetes to some forms of cancer, and evidence
Ш		suggests that those who are severely obese have a greater risk of
R		premature mortality. <sup>46</sup> The financial burdens of obesity are also
D L		great. According to a study, the cost of obesity to Ontario in 2009
CA		was \$4.5 billion, resulting from both direct and indirect costs. <sup>47</sup>
<u>ā</u>	HQO's reporting tool	Yearly Report (formerly Quality Monitor)
≤	or product	
	Attribute	Focus on population health
	Туре	Context indicator
	External alignment	Ontario's Action Plan for Health Care; Quality Monitor; Statistics
		Canada, CCO; potential PCPM alignment
	Other reporting	None
	Accountability	Primary care
	Unit of analysis	Percentage
	Calculation	Numerator
Щ		Number of adults aged 18 and over who were categorized to one of
RC		the following categories, according to their self-reported body mass
οz		$\frac{1}{100} \frac{1}{100} \frac{1}$
ω Π		Normal weight (BMI 18 5-24 9)
¶ Z Z		• Overweight (BMI 25 $0-29.9$ )
A N N N		• Obese (BMI $\geq$ 30.0)
б С		
ΕΞ		Number of children aged 12, 17 who were entegorized to one of the
Ĩ		following categories, according to their self-reported BMI:
DE		
		Overweight     Neither chose per evenueight
		INeither obese nor overweight
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		Denominator
		Number of individuals
		Ared 18 and over
		Excludes
		Women who were pregnant or did not answer the pregnancy
		question)
		Methods
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
	Data source/data elements	No data available; EMR/EHR data extraction recommended
	Timing and	N/A
	frequency of data	
	levels of	Ν/Δ
	comparability	
	Targets or	N/A
	benchmarks	
	Target source	N/A
	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess
	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies
	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower.
7	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well
NO	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how
ATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture
RMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it
FORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it
INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to
NT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their
VANT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage
LEVANT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points
RELEVANT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points higher when based on measured height and weight rather than self-
ER RELEVANT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points higher when based on measured height and weight raises the actual
HER RELEVANT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points higher when based on measured height and weight rather than self- reported data. Measured height and weight raises the actual proportion of obese adults by an estimated 6 to 9 percentage points here the 20% which his head date and weight raises the actual proportion of obese adults by an estimated 6 to 9 percentage points
OTHER RELEVANT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points higher when based on measured height and weight rather than self- reported data. Measured height and weight raises the actual proportion of obese adults by an estimated 6 to 9 percentage points above the 18%, which is based on self-reports. <sup>49</sup>
OTHER RELEVANT INFORMATION	Target source Limitations/caveats	N/A This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower. Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated. <sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points higher when based on measured height and weight rather than self- reported data. Measured height and weight raises the actual proportion of obese adults by an estimated 6 to 9 percentage points above the 18%, which is based on self-reports. <sup>49</sup>
OTHER RELEVANT INFORMATION	Target source Limitations/caveats	<ul> <li>N/A</li> <li>This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower.</li> <li>Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated.<sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it</li> <li>Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points higher when based on measured height and weight rather than self-reported data. Measured height and weight raises the actual proportion of obese adults by an estimated 6 to 9 percentage points above the 18%, which is based on self-reports.<sup>49</sup></li> <li>2006 Canadian clinical practice guidelines on the management and prevention of obesity in adults and children.<sup>50</sup></li> </ul>
OTHER RELEVANT INFORMATION	Target source Limitations/caveats	<ul> <li>N/A</li> <li>This indicator has limitations both with its use of the BMI to assess obesity and with how the data are collected. As this indicator relies on self-reported data, the true rate might in fact be higher or lower.</li> <li>Differences in musculature or bone mass among individuals, as well as across ethnocultural groups and sexes, do not factor into how the BMI is calculated.<sup>48</sup> Therefore, this indicator does not capture the true rate of obesity, rather a close approximation of it</li> <li>Comparisons of self-reported height and weight with actual measurements have shown that women are inclined to underestimate their weight, while men tend to overestimate their height. The report found that the obesity rate was 7.4 percentage points higher and the overweight rate was 1.9 percentage points higher when based on measured height and weight rather than self-reported data. Measured height and weight rates the actual proportion of obese adults by an estimated 6 to 9 percentage points above the 18%, which is based on self-reports.<sup>49</sup></li> <li>2006 Canadian clinical practice guidelines on the management and prevention of obesity in adults and children.<sup>50</sup></li> </ul>

Smoki	ng prevalence	
	Indicator description	Percentage of respondents aged 15 and over who report smoking
DESCRIPTION	Relevance/rationale	daily or occasionallyTobacco is a leading preventable cause of premature death in Canada and is the main risk factor for four of the leading causes of death in Canada: cancer, heart disease, stroke and lung disease. <sup>51</sup> Tobacco is responsible for over 85% of deaths from lung cancer; over 70% of deaths from cancers of the mouth, oropharynx and esophagus; and significant proportions of deaths from some other cancers. <sup>52</sup> Approximately 37,000 Canadians die each year as a result of tobacco use. <sup>76</sup> Smoking cigarettes is the most common method of tobacco use and in 2010, it was estimated that approximately 16.7% of the Canadian population, or 4.7 million persons, smoked. <sup>76</sup> Approximately half of those smokers are expected to become ill or die from continued tobacco use. <sup>53</sup>
INDICATO		In addition, tobacco-related illnesses cost the Ontario economy \$1.6 billion in health care costs and \$4.4 billion in productivity losses, while contributing an estimated 500,000 hospital patient days annually. <sup>54</sup>
	HQO's reporting tool	Yearly Report (formerly Quality Monitor)
	or product	Focus on population health
	Tuno	
	Type	Statiation Canada
	Other reporting	
	Accountability	Primary care
	Unit of analysis	Percentage
	Calculation	Numerator
NOIT		Number of respondents who reported smoking cigarettes daily or occasionally
V		Recommended survey question
SOURCE INFORM		At the present, do you smoke cigarettes daily, occasionally or not at all? • Daily • Occasionally • Not at all • Don't know • Refused
Ð		Denominator
N AP		All respondents aged 15 and older
ION ION		Methods
L N		(Numerator/denominator) * 100
DEFI		Adjustment (risk, age/sex standardization) N/A
	Data source/data elements	No data available; practice-level survey recommended

	Timing and frequency of data release	N/A
	Levels of comparability	N/A
	Targets or benchmarks	N/A
	Target source	N/A
₽₽	Limitations/caveats	As this indicator relies on self-reported data, the true rate might in fact be higher or lower
OTHER ELEVAN FORMA	Guidelines, SOPs, evidence for best practice	Canadian Smoking Cessation Clinical Practice Guideline <sup>55</sup>
R	Comments	None

Pneun	Pneumococcal immunization among people 65 years of age and over		
_	Indicator description	Percentage of respondents aged 65 and older who have a record of	
		receiving a pneumococcal vaccine in the past 12 months	
NOI 10	Relevance/rationale	Canada's immunization guide recommends one dose of the	
SCRIPT		for immunocompetent adults less than 65 years of age in long-term	
		care facilities or who have conditions putting them at increased risk	
		of pneumococcal disease. <sup>56</sup>	
Ö	HQO's reporting tool	N/A	
ATOR	or product		
	Attribute	Focus on population health	
SC	Туре	Process indicator	
Ĩ	External alignment	N/A	
	Other reporting	N/A	
	Accountability	Primary care	
	Unit of analysis	Percentage	
	Calculation	Numerator	
z		Number of people, 65 years and over, who have a record in their	
2		medical chart of receiving a pneumococcal immunization in the past	
<b>II</b>		12 months	
RV		Denominator	
0 L		All people 65 years and over	
Z		Numerator/denominator) * 100	
빙		(Numerator/denominator) 100	
N N		Aujustinent ( $nsk$ , age/sex standardization)	
6			
S	Data source/data	No data available	
Ž	elements		
<b>▼</b>		EMR/EHR data extraction recommended	
ō	Timing and	N/A	
DEFINTI	frequency of data		
	release		
	Levels of	N/A	
	largers of		
	Dencilliarks		

	Target source	N/A
LN	Limitations/caveats	N/A
THER	Guidelines, SOPs, evidence for best practice	Guidelines: One dose of Pneu-P-23 vaccine is recommended for all adults 65 years of age and older <sup>81</sup>
C REI INFO	Comments	Potential data source: Limited data (only participating public health units) are available through the Rapid Risk Factor Surveillance System (RRFSS)

#### **Patient Centred**

Patien	t involvement in dec	isions about their care and treatment	
	Indicator description	Percentage of patients who report their family p	hysician, nurse
		practitioner or someone else in their office invol	ves them as much
		as they want in decisions about their care or tre	atment
_	Relevance/rationale	Shared decision making, where physicians and	patients work
CRIPTION		together to make health care decisions while us	sing the best
		possible evidence, is now widely accepted to be	e the cornerstone of
		patient-centred care. <sup>31</sup> Evidence has demonstra	ted that shared
		decision making could potentially increase patie	ent knowledge,
ES ES		reduce anxiety over the care process, improve I	health outcomes,
Δ		reduce variation in care and costs and lead to g	reater alignment of
R		care with patients' values.32,33	
Ĭ	HQO's reporting tool	Primary care QIPs	
C C	or product		
IQN	Attribute	Patient centred	
	Туре	Process	
	External alignment	Primary care QIPs	
	Other reporting	None	
	Accountability	Primary care	
	Unit of analysis	Percentage	
	Calculation	Numerator	
z		Number of respondents who reported their fami	ly doctor, nurse
Ō		practitioner or someone else in the office often of	or always involved
<b>₽</b>		them in the decisions about their care and treat	ment as much as
W.		they wanted	
Ö		Recommended survey question	
ž		When you see your family doctor or someone e	lse in their office
ш		how often do they involve you as much as you y	vant to be in
S S		decisions about your care and treatment?	
D D		Always	
SC		Often	
9		Sometimes	
A		Barely	
Z		Nover	
2		<ul> <li>Volunteers: it depends on who they see and/c</li> </ul>	or what they are
		there for	or what they are
Ш Ш		Volunteers: no decisions required on care or	treatment/not
		applicable	
		Don't know	
		Refused	
62	PCPM Priority Measur	es: System and Practice	Health Quality Ontario

		Denominator
		Demonifiator Bespendents who have a regular primary care provider
		Respondents who have a regular primary care provider
		<b>Base (respondents who answer yes)</b> Do you have a family doctor, a general practitioner or GP, or nurse practitioner that you see for regular check-ups, when you are sick and so on?
		Evoludo
		<ul> <li>Volunteers: it depends on who they see and/or what they are there for</li> </ul>
		<ul> <li>Volunteers: no decisions required on care or treatment/not applicable</li> </ul>
		Don't know
		Refused
		Methods
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
		None
	Data source/data	No data available; practice-level patient experience survey
	elements	recommended
	Timing and	N/A
	frequency of data	
	release	
	Levels of	N/A
	comparability	
	Targets or	None
	benchmarks	
	Target source	None
OTHER ELEVANT ORMATION	Limitations/caveats	Data for this indicator are self-reported and may therefore be subject to recall errors and over- and under-reporting
	Guidelines, SOPs,	None
	evidence for best	
	practice	
R R	Comments	None
_		

Primary care providers spending enough time with patients		
	Indicator description	Percentage of patients who report that their family physician, nurse
		practitioner or someone else in their office spends enough time with
_		them
õ	Relevance/rationale	Having enough time with a care provider can be an important
μ		component to receiving quality care. Some evidence shows that
RIF		patient satisfaction, prescribing practices, physician satisfaction and
SC		chronic disease outcomes are all components of care that could
Ξ		potentially be affected by time spent with a physician. <sup>37</sup>
R	AQU'S reporting tool	N/A
TO	Attribute	Patient-centred
IC ₽	Туре	Process
IN	External alignment	N/A
	Other reporting	None
	Accountability	Primary care
	Unit of analysis	Percentage
	Calculation	Numerator
		Number of respondents who reported that their family doctor, nurse
		practitioner or someone else in the practice often or always spends
		enough time with them
		Recommended survey question
		when you see your (family doctor, hurse practitioner) or someone
Ż		else in their office, now often do they spend enough time with you?
0		• Always
IAI		• Sometimes
RN		Barohy
Ō		
Z		<ul> <li>It depends on who they see and/or what they are there for</li> </ul>
Щ		Don't know
IRC		Refused
or		Denominator
ND S		Respondents who have a regular primary care provider
A		Base (respondents who answer ves)
NO		Do you have a family doctor, a general practitioner or GP, or nurse
Ĕ,		practitioner that you see for regular check-ups, when you are sick
ЫЧ		and so on?
Ы		
		Excludes
		<ul> <li>It depends on who they see and/or what they are there for</li> </ul>
		Don't know
		Kerused
		(Numerator/denominator) * 100
		Adjustment (risk, age/sex standardization)
		None

	Data source/data	No data available; practice-level patient experience survey
	elements	recommended
	Timing and	N/A
	frequency of data	
	release	
	Levels of	N/A
	comparability	
	Targets or	None
	benchmarks	
	Target source	None
NOT NOT	Limitations/caveats	Data for this indicator are self-reported and may therefore be subject to recall errors and over- and under-reporting
OTHEF OTHEF CELEVA	Guidelines, SOPs, evidence for best practice	None
R	Comments	None

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