

## OntarioMD Stakeholder Report Products and Services by LHIN March 2019

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## 1. Executive Notes for March

#### **Supporting Our Partners**

OntarioMD is ready to support clinicians with innovative digital health and quality improvement tools and approaches required to address their practice needs for providing integrated care in Ontario Health Teams as they take shape across the province. OntarioMD supports system partners such as the Ministry of Health and Long-Term Care (MOHLTC), the organizations that comprise Ontario Health and the Ontario Telemedicine Network (OTN), using a streamlined onboarding approach that bundles multiple digital health offerings in Ontario's digital health asset inventory into a single visit. This bundled approach is appreciated by clinicians for being more efficient and convenient.

*Ministry of Health and Long-Term Care* – OntarioMD is working with the MOHLTC and eHealth Ontario to connect community-based physicians and nurse practitioners who use OntarioMD-certified EMRs to the the **Digital Health Drug Repository (DHDR)** and **Digital Health Immunization Repository (DHIR)** from their EMRs. The DHDR provides clinicians with real-time access to view dispensed drug data, pharmacy service information and comprehensive immunization information as well as the ability to submit immunization information to DHIR according to the provincial immunization schedule for public health purposes. Four EMR vendors - Indivica, OSCAR EMR, QHR Technologies and YMS - will integrate their certified EMR offerings directly with the DHDR and the DHIR during the Limited Production Release (LPR) phase.

**Ontario Telemedicine Network's eVisits** - OntarioMD continues to support existing users while the province explores expansion options and Benefits Evaluation results.

*Cancer Care Ontario ColonCancerCheck Program* – OntarioMD is collaborating with the MOHLTC, Cancer Care Ontario and EMR vendors to integrate the new requisition form for fecal immunochemical tests (FIT) available to primary care clinicians in their certified EMRs when the new FIT test becomes available on June 24, 2019.

#### eConsult-EMR Integration Evaluation Results

OntarioMD conducted a survey of physicians who are participating in the eConsult EMR integration pilot. From the responses received, physicians reported that they are **saving an average of almost five minutes per eConsult** when launching eConsult via their EMR compared to via the OTNhub. Other findings include:

- 90% agreed submitting eConsult through EMRs improves workflow
- 85% would recommend eConsult accessed through their EMR to colleagues
- 80% agreed submitting an eConsult through their EMR was easy

OntarioMD continues this important work based on physicians' preferences and patients' needs. It has also published the <u>EMR eConsult Specification</u> to guide vendors with certified EMR offerings to enable clinicians to connect to eConsult directly from their EMRs.

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#### **EMR Quality Dashboard**

The EMR Quality Dashboard successfully completed the Proof of Concept (PoC) phase, which ended on March 31, 2019. Over the course of the PoC, clinician participation grew to 500. Clinicians have access to, and are using, 30 indicators to manage their patient populations. OntarioMD surveyed them to understand their use and satisfaction with this digital health tool and the change management support provided by OntarioMD. One of the key insights we gained was that 87% of the indicators showed that clinicians saw results from improvements, such as recording smoking status or Hba1c results, after only 90 days. We also learned that clinicians who had in-person support and training from OntarioMD staff said it was key to their sustained use (60%), demonstrating the value of our in-person engagements. In preparation for provincial expansion of the EMR Quality Dashboard, OntarioMD is focused on enhancing the associated quality improvement advisory service to support Dashboard-connected clinicians to improve EMR data quality and patient care. We have also published the <u>Draft for Use EMR Specification and Indicator Library</u> on our website for vendors with certified EMR offerings.

#### **OntarioMD Educational Events**

OntarioMD offers a range of learning opportunities as part of our commitment to educating physicians and their staff on digital health best practices. The EMR: Every Step Conference, the largest conference series in Canada dedicated to digital health and EMRs and integrated digital tools, will be held on June <u>13 in Ottawa</u> and on <u>September 26 in Toronto</u>. Julie Drury, Chair of the Minister's Patient and Family Advisory Council for the MOHLTC is the keynote speaker in Ottawa. The <u>Call for Abstracts</u> is now open for the Toronto Conference. Early Bird registration at a discounted rate is now open for both conferences.

#### On the Road with OntarioMD

Our 'On the Road with OntarioMD' regional educational seminars offering one hour of didactic learning on clinically relevant topics followed by hands-on demonstrations and small group discussions with Peer Leaders are taking a break while we plan for a new topic and new locations.

### 2. Introduction

The purpose of this report is to provide a monthly update on the provincial view of community-based family physicians' and community specialists' adoption and optimized use of certified EMRs and digital health tools and services integrated with certified EMRs. Except where indicated, this report does not include information about adoption of the referenced digital health applications by nurse practitioners or other health care service providers.

By helping physicians become increasingly proficient EMR users, OntarioMD assists physician practices in realizing more clinical value and full potential digital health tools and services to enhance patient care. These tools and services are also improving Ontarians' access to care and improving clinical outcomes through integration with EMRs and an increasingly integrated and coordinated health care system.

## 3. OntarioMD, Ontario Health and Ontario Health Teams

OntarioMD is focused on the delivery of digital health products and services that translate into clinical value for physicians and their patients. OntarioMD has the infrastructure, relationships and experience to deliver cost-effectively the full spectrum of high-quality digital health programs and services for clinicians across the province. It works closely, and in partnership, with health care organizations across Ontario.

OntarioMD staff take a holistic approach to working with physician practices, bundling products and change management services on behalf of our stakeholders for efficient visits to practices regionally and locally. This reduces multiple touchpoints to the physician office and streamlines training and onboarding, so physicians can spend less time on administration and more time on patient care.

#### What We Do

- Connect clinician practices to digital health tools that improve access to care, clinical outcomes and decision-making, such as OntarioMD's Health Report Manager (HRM), eNotifications, the EMR Quality Dashboard, Ontario eConsult Program and the Ontario Laboratories Information System (OLIS). We are also deploying the ConnectingOntario ClinicalViewer, ONE<sup>®</sup> Mail and ONE ID on behalf of eHealth Ontario and many LHINs.
- Provide physicians with trusted advice, guidance and support from OntarioMD staff, located across Ontario, to optimize EMR and digital health use and realize quality improvements
- Provide in-depth, hands-on support for physicians' quality improvement goals through the EMR Practice Enhancement Program (EPEP)'s experienced Practice Enhancement Consultants
- Mentor physician practices with practical EMR tips from physician, nurse and clinic manager Peer Leaders who understand how physicians practice and share their expertise with the same EMR
- Manage EMR vendors and deliver a trusted EMR certification program that assesses and monitors EMR offerings for compliance with the Ontario EMR Specifications. OntarioMD certification provides assurance to physicians that their EMRs are providing clinical value and are facilitating the exchange of EMR data. Vendors know that OntarioMD understands clinicians and how to bring digital health tools into their practices.

### 4. OntarioMD Products and Services

OntarioMD products and services are provincial digital health assets for clinicians and centered around patients. Enabling the flow of patient information directly to OntarioMD-certified EMRs supports:

Access to care, services and health information

- Enhances the efficiency of the health system
- Strengthens quality, effectiveness and accountability
- Stimulates innovation and growth

OntarioMD receives funding from the Ministry of Health and Long-Term Care (MOHLTC), with a mandate to support connectivity, interoperability, and integration of EMRs with the digital health delivery system more broadly and to work with clinicians to optimize the clinical value of their certified EMRs to provide enhanced care to their patients.



OntarioMD staff work closely with physician practices to address their needs and enable them to enhance clinical value through technology. They assist practices to successfully navigate enrolment, onboarding and deployment processes, including completing subscription agreements for products such as Health Report Manager (HRM). They work with EMR vendors when necessary to facilitate connectivity, educate on functionality and to advocate when issues arise; all to ensure optimized use of the EMR and enhance the quality of care for patients.

With our partners, OntarioMD staff work to ensure the efficient delivery of products and services by working locally to provide change management services to integrate physician practices with new digital health solutions. Physicians and their staff are supported through the EMR Practice Enhancement Program (EPEP) to develop step-by-step advice and plans, tools and techniques based on the specific needs of patients and the practice all designed to optimize use of the EMR and other digital health tools. This knowledge and expertise lead to improvements in practice efficiency and a better experience for patients and practice staff.

Examples of how OntarioMD staff have helped practices include change management strategies for improving:

- Data standardization, quality and integrity
- Preventive care
- Internal workflow processes to enhance the patient experience

In addition, OntarioMD staff share their experience in using EMRs and other digital health tools to:

- Manage chronic diseases for their patient roster
- Eliminate appointment backlogs
- Manage documents within the patient record
- Conduct effective queries, and much more.

Physician practices can request a meeting with OntarioMD staff by contacting **support@ontariomd.com**.

### EMR PRACTICE ENHANCEMENT PROGRAM

The EMR Practice Enhancement Program (EPEP) is a provincial change management service designed to help physicians enhance their EMR skills and efficiency to improve clinical and practice outcomes. No matter the current level of EMR skill, EPEP offers a current state analysis of EMR use, practice workflow and data quality to help physicians move beyond data capture and use information to improve patient care and practice efficiency to the physician's desired level of EMR maturity.

EPEP is based on OntarioMD's <u>EMR Maturity Model</u>, an evidence-based framework for measuring, understanding and enhancing EMR use. The program provides in-depth, hands-on support from expert EMR users to help physicians create a plan, enriched with quality improvement methodology, that reflects unique practice priorities, leading to improved workflow, efficiency and patient care.

To get started with EPEP, physicians are encouraged to complete an <u>EMR Progress Assessment (EPA)</u>, which is designed to help physicians identify their current EMR skill level and areas in which they would like to improve. Email <u>epep@ontariomd.com</u> for more information or to request a consultation.

## 🗥 PEER LEADERS

OntarioMD's Peer Leaders are a provincial network of physicians, nurses and clinic managers who are expert users of OntarioMD-certified EMRs. They coach physician practices to realize increasing clinical value from their EMRs.

Peer Leaders provide consulting services to physician practices that can lead to more efficient EMR use and workflow, optimization of existing EMR functions and access to additional ones, improved clinical decision support, and much more. They also provide guidance to OntarioMD on physician practice perspectives and priorities with regards to the development of innovation and enhancements to current OntarioMD programs. Peer Leaders are highly skilled thinkers in advanced EMR and digital health use, moving health system policy to practice, and quality improvement.

Contact <u>peer.leader.program@ontariomd.com</u> to request a Peer Leader. Peer Leaders are also available for consultation at OntarioMD's EMR: Every Step Conferences, our 'On the Road with OntarioMD' educational seminars, and other regional events.



Health Report Manager (HRM) is an award-winning digital health solution developed by OntarioMD. It improves communication among health care providers by enabling physician practices using an

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OntarioMD-certified electronic medical record (EMR) to securely receive patient reports electronically from hospitals and other health care facilities directly into their EMRs. By eliminating paper reports, HRM makes report delivery safer and more secure while avoiding costs for both hospitals and specialty facilities that send reports as well as the physician practices that receive them.

More than 9,600 physicians in the 14 LHINs across Ontario are now receiving reports from hundreds of hospitals, as well as eNotifications, Ontario Telemedicine Network tele-homecare reports, and reports from the Centre for Mental Health and Addictions (CAMH). Physician practices are benefitting from the security, scalability, ease, and speed of HRM report delivery to follow up with their patients and continue appropriate treatment. OntarioMD staff have worked with thousands of physicians to incorporate HRM into their workflow to better inform clinical decisions that result in better patient outcomes and more efficient practices.

OntarioMD is leading the expansion and continuous enhancement of HRM across the province in collaboration with the LHINs and other delivery partners. To sign up for HRM, email <a href="mailto:support@ontariomd.com">support@ontariomd.com</a>.

## eNOTIFICATIONS

eNotifications are sent through HRM to alert physicians and their practices in real time when a patient has been discharged from an emergency department or admitted or discharged from an in-patient unit. Physicians receive them much sooner than discharge summaries, which take longer for hospitals to prepare and transmit. Thanks to their timeliness, eNotifications improve care coordination between hospitals and family physicians, especially with respect to hospital visits of complex care patients and support Health Links. Recent research by the Canadian Medical Association found that follow up within seven days for patients who received emergency department care for heart failure was associated with lower rates of death and admissions to hospital. eNotifications enable faster and safer follow-up treatment, and potentially reducing hospital readmissions. Physicians already connected to HRM will automatically receive eNotifications. Once they do, OntarioMD staff can assist clinicians to understand how eNotifications fit into their workflows. eNotifications have been recognized by Accreditation Canada as a Leading Practice for communication and patient safety.

OntarioMD is leading the expansion of eNotifications to primary care across the province and works collaboratively with Health Shared Services Ontario and LHINs towards enabling hospitals to send eNotifications. For more information on using eNotifications, email <u>support@ontariomd.com</u>.



OntarioMD is Ontario's EMR certification body and manages the EMR Certification Program. The EMR Certification Program is the only current mechanism in Ontario through which to translate Ministry

priorities, manage EMR vendors and drive EMR use by physicians. OntarioMD has over 15 years of experience working with EMR vendors and their products and vendors value OntarioMD's understanding of clinician practices and their experience in delivering digital health tools integrated with EMRs.

Certified EMRs are a mandatory requirement for physician practices to access provincial digital health applications such as HRM, eNotifications and OLIS. More than 16,000 physicians and over 1,000 nurse practitioners use OntarioMD-certified EMR products. The EMR Certification Program continuously evolves certified EMRs, taking into account clinicians' needs and the future of digital health in Ontario and the rest of Canada. It also helps physician practices leverage new EMR functionality that leads to their optimized use of a certified EMR.

OntarioMD has moved to open certification, which allows new vendors to apply for certification at any time and enables OntarioMD to respond more quickly to evolving system needs. For more information, email <u>emr@ontariomd.com</u>.



OntarioMD is leading the deployment of OLIS to physician practices on behalf of eHealth Ontario. OLIS provides authorized clinicians access to lab test orders and results from hospitals, community labs and public health labs. As patients move between hospitals, family physicians, home care and long-term care settings, OLIS makes it easier for clinicians to view their patients' current and past test results and make treatment decisions at the point-of-care. Clinicians using an OntarioMD-certified EMR can access the latest lab results for their patients or perform patient queries. To sign up for OLIS, email **support@ontariomd.com**.



OntarioMD provides privacy, security and legal expertise to physician practices to educate them about their role and responsibilities as Health Information Custodians under the *Personal Health Information Protection Act* (PHIPA). Privacy and security tools and resources are available to all physicians and their staff and are regularly updated to address emerging technology or new cyberthreats. OntarioMD offers a comprehensive online Privacy and Security Training Module to support community-based physicians' access to provincial digital health assets. The training has also been designed to be accessed on an ongoing basis whenever any health care provider or allied health professional needs it. The module covers topics such as safeguarding PHI and other confidential data from breaches, and how to comply with obligations under PHIPA. Completion of the module is a prerequisite for enrolment into the ConnectingOntario ClinicalViewer and other digital health programs.

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The OntarioMD Privacy and Security Training Module was developed with input from the College of Physicians and Surgeons of Ontario (CPSO), the Canadian Medical Protective Association (CMPA), the Ontario Medical Association (OMA) and eHealth Ontario. It has been certified as a Self-Learning Program by the College of Family Physicians of Canada for two MainPro+ credits.

The OntarioMD Privacy and Security Training Module is available at OntarioMD.ca, and can be accessed from any device that connects to the Internet. Physicians and their staff must be registered users of OntarioMD.ca to access the training and can log in with their email and password. In addition to the online training, OntarioMD.ca offers supplementary resources that all health care professionals can download for reference.

## EMR: EVERY STEP CONFERENCE

The EMR: Every Step Conference is OntarioMD's flagship event and Canada's largest EMR conference series. It is focused on educating physician practices on realizing the full benefits of a certified EMR and other digital health tools.

Two conferences are held each year in locations across Ontario. The conferences attract more than 1,000 clinicians each year. Clinicians pick up valuable EMR optimization tips, hear about the latest digital health innovations for primary care, and gain quality improvement advice at educational sessions offered across different streams of learning. The conferences provide up to 7.5 MainPro+ credits for family physicians and the credits are transferrable for specialists. Content for the Toronto conference is developed from abstracts submitted by physicians and their staff as well as stakeholders. To learn more, visit <u>ontariomd.ca</u> or contact <u>omd.events@ontariomd.com</u>.

### 5. Proof of Concepts 2019



OntarioMD continues to deploy eConsult to physician practices and expand eConsult EMR Integration in collaboration with the Ontario eConsult Centre of Excellence, eHealth Ontario and OTN to more users of Accuro<sup>®</sup> EMR and OSCAR. The eConsult EMR Integration complements physician workflow when using eConsult and promotes increased adoption by EMR users. The initiative aligns with the provincial architectural blueprint to integrate EMRs with provincial digital health assets.

An updated <u>EMR Specification</u> (that includes new blended requirements) is now available and has been shared with certified EMR vendors. OntarioMD will continue to promote provincial expansion of EMR integrated eConsult over the next year.



OntarioMD is leading an initiative that is demonstrating continuous quality improvement in the clinical value of EMRs through an EMR Quality Dashboard. The Dashboard provides a framework for real-time access to an introductory set of high-value provincial indicators from Health Quality Ontario (HQO), the Canadian Institute for Health Information (CIHI) and the Association of Family Health Teams of Ontario (AFHTO), along with indicators to improve management of physician practices. An example of an indicator is the percentage of eligible patients within a roster who have been screened for colorectal cancer. Physicians will see this indicator and other population health indicators at a glance and can develop action plans for proactive patient care.

Phase 2 of the initiative launched in October 2017 and ended on March 31, 2019. The number of indicators in the Dashboard expanded from 27 to 30 and the number of physicians participating increased to 500 to further demonstrate the framework's value. During Phase 2, OntarioMD:

- further identified and refined dashboard indicators,
- deployed to more physicians across all LHINs
- published a Draft EMR Quality Dashboard Specification and Indicator Library, and
- defined a business plan for expansion to a full, provincial EMR Quality Dashboard solution

For more information on OntarioMD's EMR Quality Dashboard initiative, email <u>EMRdashboard@ontariomd.com</u>.

## 6. Tables by Vendor and LHIN View

# Table 1: Family Physicians, Specialists and Nurse Practitioners by OntarioMD-Certified EMR Offering per Product / Service

EMR Vendor with a Certified EMR Offering	Phys	Physicians Live on a Certified EMR			HRM				eNotifications	Physicians Connected
	FP*	SP**	Unknown	Total	FP	SP	NP	Live		to OLIS <sup>1</sup>
ABELSoft Corporation	226	271	17	514	81	77	1	159	104	381
Alpha Healthcare Inc.	52	19	2	73	35	10		45	42	62
AwareMD	2	57		59	2	57		59	15	
Canada Health Systems Inc.	332	115	16	463	197	52	1	250	218	311
Indivica Inc.	551	112	12	675	425	76	3	504	473	352
OSCAR EMR	1,349	676	14	2,039	756	276	20	1,052	963	1,022
P&P Data Systems Inc.	443	88	5	536	153	13	7	173	156	285
QHR Technologies Inc.	2,056	1,772	186	4,014	1,276	864	143	2,283	1,546	3,645
TELUS	5,804	1,323	159	7,286	4,015	577	545	5,137	4,529	6,280
YES Medical Systems	9	42	6	57	3	15		18	11	52
York-Med Systems Inc.	27	68	2	97	12	21		33	24	76
Total	10,851	4,543	419	15,813 <sup>2</sup>	6,955	2,038	720	9,713	8,081	12,466

<sup>&</sup>lt;sup>1</sup> Source: eHealth Ontario

<sup>&</sup>lt;sup>2</sup> Numbers reflect the actual number of physicians, not funding positions.

<sup>\*</sup> FP = Community-based Family Physicians

<sup>\*\*</sup> SP = Community-based Specialists

#### Table 2: Product Penetration by Community-Based Family Physicians and Specialists by LHIN

LHIN	No. of Physic	No. of Physicians participating in provincial product / service $^{7}$					number of F	FP Penetration	
	FP	SP	Unknown	Total	Change <sup>2</sup>	FP	SP <sup>5</sup>	Total	%
1. Erie St. Clair	384	193	15	592	12	479	490	969	80%
2. South West	830	285	14	1,129	11	911	1,270	2,181	91%
3. Waterloo Wellington	594	220	15	829	10	701	585	1,286	85%
4. Hamilton Niagara	1005	492	19	1,516	20	1,183	1,822	3,005	85%
5. Central West	530	246	20	796	23	682	537	1,219	78%
6. Mississauga Halton	892	348	22	1,262	34	1,111	1,023	2,134	80%
7. Toronto Central	1,439	845	39	2,323	57	1,789	4,010	5,799	80%
8. Central	1,281	666	37	1,984	16	1,683	1,649	3,332	76%
9. Central East	1065	461	24	1,550	21	1,225	1,147	2,372	87%
10. South East	503	89	13	605	8	544	674	1,218	92%
11. Champlain	1,384	497	26	1,907	9	1,612	2,000	3,612	86%
12. North Simcoe Muskoka	412	138	7	557	9	453	360	813	91%
13. North East	445	97	11	553	6	605	454	1,059	74%
14. North West	209	80	4	293	11	312	216	528	67%
Total	10,991	4,660	420	16,071 <sup>4</sup>	265	13,290	16,237	29,527	83%

<sup>1</sup> Includes physicians participating in the EMR Adoption Program, HRM and OLIS

<sup>2</sup> Number reflects physicians who may have withdrawn or moved LHIN boundaries during the reporting period, and where LHIN information was unavailable from the data source.

<sup>3</sup> Source: OPHRDC (Ontario Physician Human Resource Data Centre) 2018 – please note that the total number of FPs and SPs reflects an increase of 891 physicians to the 2017 OPHRDC data point.

<sup>4</sup> Includes physicians where LHIN information was unavailable. Numbers reflect the actual number of physicians, not funding positions.

<sup>5</sup> Includes community and hospital-based specialists

# Table 3: HRM Product Penetration by Community-Based Family Physicians, Specialists andNurse Practitioners by LHIN

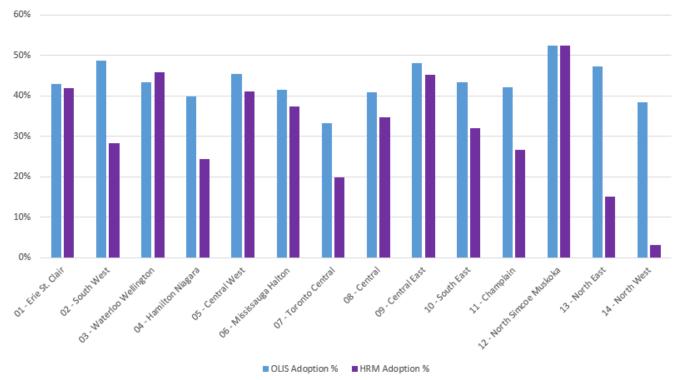
LHIN		Clinicians LIVE on HRM					
	FP	SP	NP	Total	Change <sup>1</sup>	Total	
1. Erie St. Clair	314	94	100	508	15	390	
2. South West	536	84	76	696	11	560	
3. Waterloo Wellington	470	122	75	667	11	531	
4. Hamilton Niagara	569	163	15	747	37	660	
5. Central West	355	147	16	518	34	406	
6. Mississauga Halton	612	188	25	825	26	676	
7. Toronto Central	853	304	42	1,199	60	1,050	
8. Central	872	332	24	1,228	21	1,028	
9. Central East	809	265	82	1,156	23	924	
10. South East	364	27	89	480	17	411	
11. Champlain	749	221	57	1,027	11	908	
12. North Simcoe Muskoka	340	86	90	516	8	373	
13. North East	153	9	33	195	42	162	
14. North West	15	2		17	8	26	
Total	7,011	2,044	724	9,779	324	8,351	

<sup>1</sup>Number reflects clinicians who may have withdrawn or moved LHIN boundaries during the reporting period, and where LHIN information was unavailable from the data source.

#### Table 4: HRM and OLIS Penetration by Physicians by LHIN

LHIN	HRM	OLIS	HRM & OLIS	HRM & OLIS Penetration
1. Erie St. Clair	408	417	308	32%
2. South West	620	1,064	534	24%
3. Waterloo Wellington	592	559	509	40%
4. Hamilton Niagara	732	1,197	606	20%
5. Central West	502	554	375	31%
6. Mississauga Halton	800	886	605	28%
7. Toronto Central	1,157	1,929	929	16%
8. Central	1,204	1,360	956	29%
9. Central East	1,074	1,142	894	38%
10. South East	391	528	321	26%
11. Champlain	970	1,526	808	22%
12. North Simcoe Muskoka	426	426	393	48%
13. North East	162	501	152	14%
14. North West	17	203	13	2%
Total	9,055	12,292	7,403	25%

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#### Provincial Product/Service Penetration by LHIN

1.1.161	Physicians and NPs on eConsult
LHIN	Total <sup>1</sup>
1. Erie St. Clair	323
2. South West	700
3. Waterloo Wellington	542
4. Hamilton Niagara	895
5. Central West	269
6. Mississauga Halton	601 <sup>2</sup>
7. Toronto Central	1,524
8. Central	688
9. Central East	584
10. South East	583 <sup>3</sup>
11. Champlain	1,7824
12. North Simcoe Muskoka	464
13. North East	724
14. North West	356
Total	<b>10,244</b> <sup>5</sup>

#### Table 5: eConsult Product Penetration by Physicians and Nurse Practitioners by LHIN

<sup>1</sup> Provisioned (live) Physicians and NPs

<sup>2</sup> Includes physicians and NPs using eConsult BASE™ and OTN eConsult in Mississauga Halton LHIN

<sup>3</sup> Includes physicians and Nurse Practitioners using OTN BASE eConsult (SEAMO Pilot) and OTN eConsult in South East LHIN <sup>4</sup>Includes physicians and Nurse Practitioners using eConsult and OTN eConsult in Champlain LHIN. <sup>5</sup>Includes clinicians where LHIN information was unavailable.

LHIN	Reach Out	Onboarded	Deployed	Training Completed
1. Erie St. Clair	35	19	19	15
2. South West	81	33	33	32
3. Waterloo Wellington	62	32	32	31
4. Hamilton Niagara	100	71	71	71
5. Central West	73	29	28	19
6. Mississauga Halton	75	43	43	42
7. Toronto Central	60	45	45	45
8. Central	61	42	42	42
9. Central East	88	48	44	43
10. South East	65	15	15	15
11. Champlain	181	54	53	50
12. North Simcoe Muskoka	51	14	14	14
13. North East	51	8	8	8
14. North West	69	16	16	16
Total	1,052	469	463	443

#### Table 6: EMR Quality Dashboard Phase 2 Physician Participation by LHIN

#### Table 7: OntarioMD Privacy & Security Training Completed by LHIN

		Privacy Training Completion by Role (as of March 31, 2019)					
LHIN	Physician	Sponsored User	Total				
1. Erie St. Clair	2	0	2				
2. South West	11	12	23				
3. Waterloo Wellington	13	102	115				
4. Hamilton Niagara	27	3	30				
5. Central West	15	182	197				
6. Mississauga Halton	42	94	136				
7. Toronto Central	163	77	240				
8. Central	48	62	110				
9. Central East	43	26	69				
10. South East	22	28	50				
11. Champlain	87	110	197				
12. North Simcoe Muskoka	11	20	31				
13. North East	46	101	147				
14. North West	15	55	70				
Total	545	872	1,417				

		Clinicians wit	h ONE ID		
LHIN	Physicians	Nurses	Total <sup>1</sup>	Physician Penetration %	
1. Erie St. Clair	498	411	909	51%	
2. South West	936	534	1,470	43%	
3. Waterloo Wellington	691	364	1,055	54%	
4. Hamilton Niagara	1,431	790	2,221	48%	
5. Central West	610	413	1,023	50%	
6. Mississauga Halton	1,048	1,086	2,134	49%	
7. Toronto Central	4,544	1,185	5,729	78%	
8. Central	1,651	825	2,476	50%	
9. Central East	1,330	1,616	2,946	56%	
10. South East	669	435	1,104	55%	
11. Champlain	1,388	1,026	2,414	38%	
12. North Simcoe Muskoka	595	581	1,176	73%	
13. North East	684	853	1,537	65%	
14. North West	338	359	697	64%	
Total	18,275	16,796	35,071 <sup>2</sup>	62%	

#### Table 7: ONE ID Product Penetration by Physicians and Nurses by LHIN

<sup>1</sup>Source: eHealth Ontario & OntarioMD

<sup>2</sup>Includes clinicians where LHIN information was unavailable.

## 7. Appendices

#### Definitions:

**LHIN Penetration:** The % of eligible physicians or hospitals using provincial product/service; the % penetration for all LHINs is based on the denominator of 28,636 eligible physicians across all LHINs.

Ontario Average: Average % of eligible physicians or hospitals using product across all LHINs;

#### **1.1 Appendix A: LHIN 1 – Erie St. Clair**

LHIN 1 - Provincial Product/Service % Penetration								
Product	LHIN 1 Penetration <sup>1</sup>	Change						
eNotifications (Hospitals)*	78%							
HRM (Physicians)	42%							
HRM (Hospitals)	89%							
OLIS (Physicians)*	43%	1%						

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health and Long-Term Care's (MoHLTC) Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report.

LHIN 1 – Physicians by Vendor/OntarioMD Service									
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR			
ABELSoft Corporation	10	14	5	29	10	19			
Alpha Healthcare Inc.	4	1		5	4	5			
AwareMD									
Canada Health Systems Inc.	8	2		10	7	4			
Indivica Inc.	1	1		2	1	2			
OSCAR EMR	20	13		33	14	14			
P&P Data Systems Inc.	2	4		6	4	2			
QHR Technologies Inc.	129	101	8	238	160	174			
TELUS	205	38	2	245	194	181			
YES Medical Systems	2	7		9	5	9			
York-Med Systems Inc.	1	9		10	8	6			
Total	382	190	15	587	407	416			

\*Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.

<sup>2</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.



LHIN 1 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>1 2</sup>									
OntarioMD Certified Vendor	Chatham City Centre	Essex South Shore	Lambton	Rural Kent	Tecumseh Lakeshore Amherstburg LaSalle	Windsor			
ABELSoft Corporation	3	2	4		1	18			
Alpha Healthcare Inc.						5			
AwareMD									
Canada Health Systems Inc.						10			
Indivica Inc.		1				1			
OSCAR EMR	3		13		1	16			
P&P Data Systems Inc.					1	5			
QHR Technologies Inc.	35	29	38	17	23	92			
TELUS	35	5	58		26	120			
YES Medical Systems						9			
York-Med Systems Inc.	6					4			
Total	82	37	113	17	53	280			

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 1- Physicians by Sub-Region /Service						
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>	HRM	OLIS* Access Through EMR			
Chatham City Centre	82	59	65			
Essex South Shore	37	29	36			
Lambton	113	82	70			
Rural Kent	17	14	22			
Tecumseh Lakeshore Amherstburg LaSalle	53	44	31			
Windsor	280	174	187			
Total	582	402	411			

\*Source: eHealth Ontario

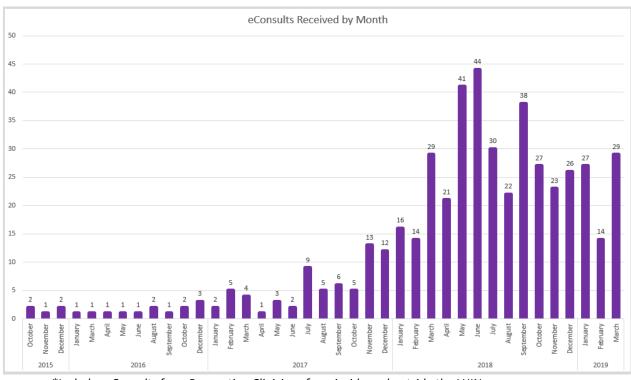
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 1 - ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
Chatham City Centre	55	82	137		
Essex South Shore	36	50	86		
Lambton	99	161	260		
Rural Kent	16		16		
Tecumseh Lakeshore Amherstburg LaSalle	46	9	55		
Windsor	241	109	350		
Total	493	411	904		

\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.

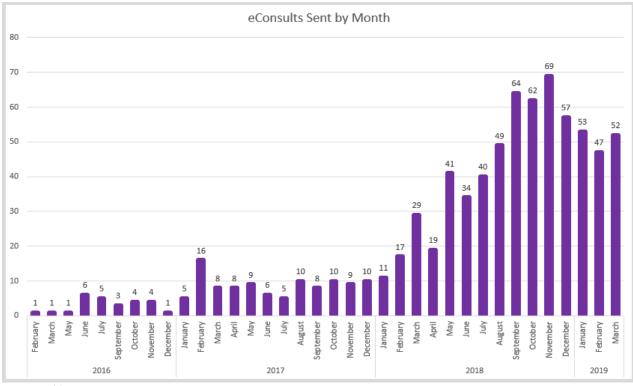




#### Number of eConsults Received by LHIN 1 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN

#### Number of eConsults Sent by LHIN 1 Requesting Clinicians - Ontario eConsult Program\*\*



\*\*Includes eConsults sent to specialists inside and outside the LHIN

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#### **1.2 Appendix B: LHIN 2 – South West**

LHIN 2 – Provincial Product/Service % Penetration					
Product LHIN 2 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)*	53%				
HRM (Physicians)	28%				
HRM (Hospitals)	100%				
OLIS (Physicians)*	49%	1%			

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report.

LHIN 2 – Physicians by Vendor/OntarioMD Service						
	Phy	sicians Liv	e on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	13	8		21	2	23
Alpha Healthcare Inc.		3		3	3	2
AwareMD						
Canada Health Systems Inc.	5	4		9	1	11
Indivica Inc.						1
OSCAR EMR	41	25		66	27	39
P&P Data Systems Inc.	2	1		3		5
QHR Technologies Inc.	284	109	7	400	179	417
TELUS	480	119	7	606	405	543
YES Medical Systems		2		2		1
York-Med Systems Inc.	1	9		10	2	10
Total	826	280	14	1,120	619	1,052

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.

<sup>2</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.



LHIN 2 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>1 2</sup>					
OntarioMD Certified Vendor	Elgin	Grey Bruce	Huron Perth	London Middlesex	Oxford
ABELSoft Corporation	8	1	1	8	2
Alpha Healthcare Inc.				3	
AwareMD					
Canada Health Systems Inc.		3	3	2	1
Indivica Inc.					
OSCAR EMR		8	7	46	3
P&P Data Systems Inc.		1	1		
QHR Technologies Inc.	14	67	55	216	29
TELUS	50	117	100	268	58
YES Medical Systems				2	
York-Med Systems Inc.		1		9	
Total	72	198	167	556	93

 $^{1}$  Numbers have been updated to reflect the actual number of physicians, not funding positions.

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 2 - Physicians by Sub-Region /Service						
Sub-Region	Physicians Live on Certified EMR <sup>12</sup> HRM OLIS* Access Through EMR					
Elgin	72	45	69			
Grey Bruce	198	125	181			
Huron Perth	167	83	134			
London Middlesex	556	270	547			
Oxford	93	67	83			
Total	1,086	590	1,014			

\*Source: eHealth Ontario

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

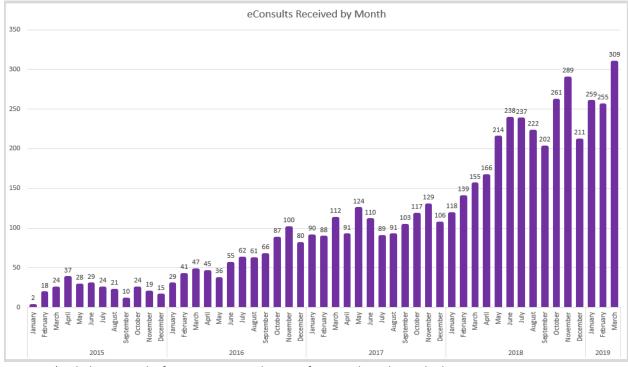
<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 2 - ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
Elgin	61	16	77		
Grey Bruce	126	120	246		
Huron Perth	111	98	209		
London Middlesex	576	184	760		
Oxford	61	27	88		
Total	936	445	1,381		

\*Source: eHealth Ontario & OntarioMD

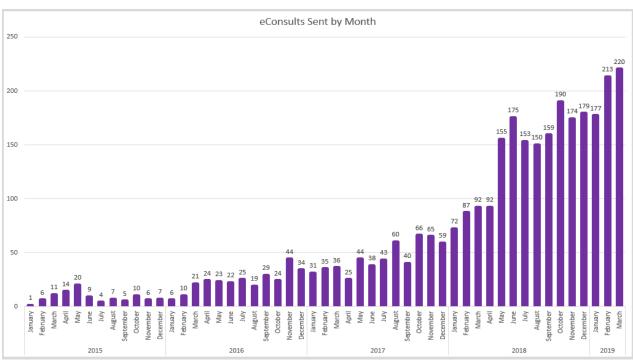
\*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





#### Number of eConsults Received by LHIN 2 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



#### Number of eConsults Sent by LHIN 2 Requesting Clinicians - Ontario eConsult Program\*\*

<sup>\*\*</sup>Includes eConsults sent to Specialists inside and outside the LHIN

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#### 1.3 Appendix C: LHIN 3 – Waterloo Wellington

LHIN 3 – Provincial Product/Service % Penetration					
Product LHIN 3 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)* 20%					
HRM (Physicians) 46%					
HRM (Hospitals) 100%					
OLIS (Physicians)*	43%				

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. For LHIN 3, Grand River- Freeport Site was added in May 2018.

LHIN 3 - Physicians by Vendor/OntarioMD Service						
	Phy	sicians Liv	e on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	11	2		13	9	7
Alpha Healthcare Inc.	1	2		3	1	3
AwareMD		21		21	21	
Canada Health Systems Inc.	1	5		6	4	2
Indivica Inc.	2	8		10	9	8
OSCAR EMR	32	27		59	31	32
P&P Data Systems Inc.	30	2		32	7	3
QHR Technologies Inc.	28	78	1	107	60	54
TELUS	482	64	14	560	447	436
YES Medical Systems		1		1		3
York-Med Systems Inc.		6		6	1	4
Total	587	216	15	818	590	552

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.

<sup>2</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions



LHIN 3 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>12</sup>						
OntarioMD Certified Vendor	Cambridge- North Dumfries	Guelph- Puslinch	Kitchener- Waterloo- Wellesley- Wilmot- Woolwich	Wellington		
ABELSoft Corporation	3		10			
Alpha Healthcare Inc.	1		2			
AwareMD			21			
Canada Health Systems Inc.	3		3			
Indivica Inc.		2	8			
OSCAR EMR	26	12	20			
P&P Data Systems Inc.		9	23			
QHR Technologies Inc.	24	36	42	3		
TELUS	83	138	265	73		
YES Medical Systems	1					
York-Med Systems Inc.	1	2	3			
Total	142	199	397	76		

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions. <sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 3 - Physicians by Sub-Region /Service					
Sub-Region	Physicians Live on Certified EMR <sup>1 2</sup> HRM OLIS* Acc Through E				
Cambridge-North Dumfries	142	101	79		
Guelph-Puslinch	199	137	138		
Kitchener-Waterloo- Wellesley-Wilmot-Woolwich	397	285	270		
Wellington	76	63	71		
Total	814	586	558		

\*Source: eHealth Ontario

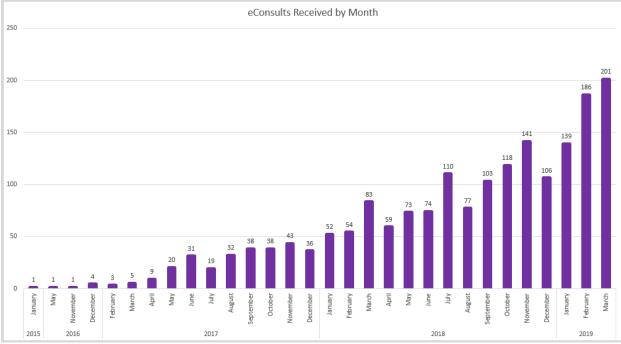
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 3 - ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
Cambridge-North Dumfries	115	74	189		
Guelph-Puslinch	165	11	176		
Kitchener-Waterloo- Wellesley-Wilmot-Woolwich	336	73	409		
Wellington	75	98	173		
Total	691	256	947		

\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.

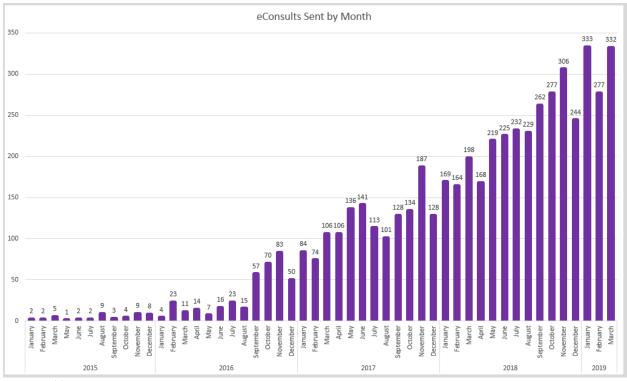




Number of eConsults Received by LHIN 3 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN

#### Number of eConsults Sent by LHIN 3 Requesting Clinicians - Ontario eConsult Program\*\*



\*\*Includes eConsults sent to Specialists inside and outside the LHIN

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#### 1.4 Appendix D: LHIN 4 – Hamilton Niagara Haldimand Brant

LHIN 4 - Provincial Product/Service % Penetration					
Product LHIN 4 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)*	76%				
HRM (Physicians)	24%				
HRM (Hospitals)	100%				
OLIS (Physicians)*	40%	1%			

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. For LHIN 4, Hamilton Health Sciences – Juravinski Cancer Centre, Hamilton Health Sciences – McMaster Children's Hospital, Hamilton Health Sciences – Ron Joyce Children's Health Centre and Hamilton Health Sciences – Regional Rehab Centre were added in May 2018.

LHIN 4 - Physicians by Vendor/OntarioMD Service						
	Phy	Physicians Live on Certified EMR <sup>2</sup>				
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	21	32	3	56	13	52
Alpha Healthcare Inc.	1	3	1	5		5
AwareMD		1		1	1	
Canada Health Systems Inc.	12	3	1	16	11	9
Indivica Inc.	8	14		22	12	7
OSCAR EMR	157	94	2	253	78	124
P&P Data Systems Inc.	32	11		43	14	35
QHR Technologies Inc.	150	207	3	360	151	329
TELUS	611	95	8	714	447	619
YES Medical Systems	1	1		2		2
York-Med Systems Inc.	1	15	1	17	5	15
Total	994	476	19	1,489	732	1,197

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.

<sup>2</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.



LHIN 4 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>1 2</sup>						
OntarioMD Certified Vendor	Brant	Burlington	Haldimand Norfolk	Hamilton	Niagara	Niagara North-West
ABELSoft Corporation	8	9	1	21	17	
Alpha Healthcare Inc.	2			1	2	
AwareMD		1				
Canada Health Systems Inc.			1	9	6	
Indivica Inc.		2		19		1
OSCAR EMR	7	27	16	162	32	8
P&P Data Systems Inc.	3	2		17	21	
QHR Technologies Inc.	37	57	10	143	110	1
TELUS	52	129	33	276	168	51
YES Medical Systems		1		1		
York-Med Systems Inc.			4	12	1	
Total	109	228	65	661	357	61

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 4 - Physicians by Sub-Region /Service					
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>				
Brant	109	52	88		
Burlington	228	124	175		
Haldimand Norfolk	65	40	48		
Hamilton	661	285	545		
Niagara	357	184	254		
Niagara North-West	61	41	52		
Total	1,481	726	1,162		

\*Source: eHealth Ontario

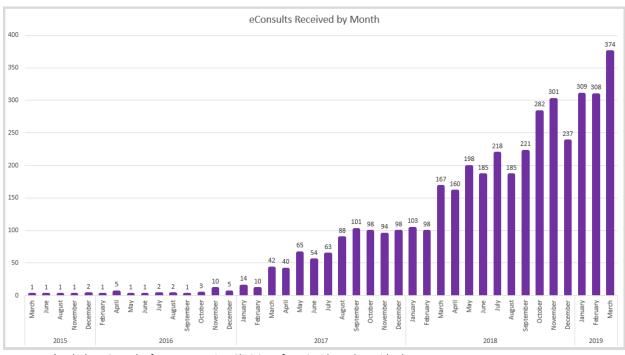
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 4 – ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
Brant	102	51	153		
Burlington	176	56	232		
Haldimand Norfolk	55	69	124		
Hamilton	758	352	1,110		
Niagara	286	250	536		
Niagara North-West	54	5	59		
Total	1,431	783	2,214		

\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.

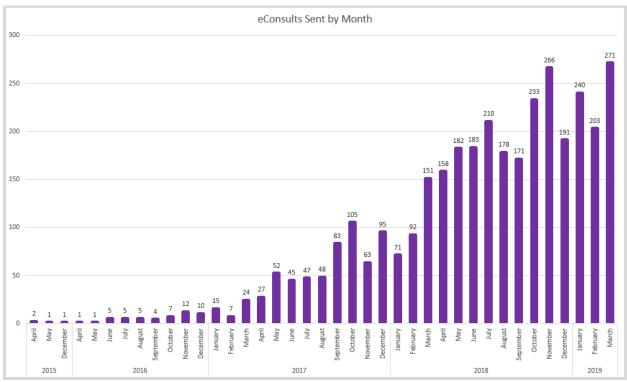




Number of eConsults Received by LHIN 4 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN





\*\*Includes eConsults sent to Specialists inside and outside the LHIN

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## 1.5 Appendix E: LHIN 5 – Central West

LHIN 5 - Provincial Product/Service % Penetration					
Product LHIN 5 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)*	25%				
HRM (Physicians)	41%	1%			
HRM (Hospitals)	100%				
OLIS (Physicians)*	45%				

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. There is no change in denominator for HRM and eNotifications sites for LHIN 5.

LHIN 5 - Physicians by Vendor/OntarioMD Service						
Physicians Live on Certified EMR <sup>2</sup>						
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	15	10		25	11	13
Alpha Healthcare Inc.	6			6	2	4
AwareMD						
Canada Health Systems Inc.	38	16	3	57	36	38
Indivica Inc.	28	12		40	37	31
OSCAR EMR	141	68	2	211	130	75
P&P Data Systems Inc.	42	2	1	45	34	40
QHR Technologies Inc.	110	92	9	211	131	181
TELUS	143	42	4	189	120	167
YES Medical Systems	1		1	2		3
York-Med Systems Inc.		1		1		1
Total	524	243	20	787	501	553

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.

<sup>2</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.



LHIN 5 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>12</sup>							
OntarioMD Certified Vendor	Bolton- Caledon	Bramalea	Brampton	Dufferin	North Etobicoke Malton West Woodbridge		
ABELSoft Corporation		8	13		3		
Alpha Healthcare Inc.		3	2		1		
AwareMD							
Canada Health Systems Inc.	1	32	6		17		
Indivica Inc.		4	12		24		
OSCAR EMR	2	55	112	5	29		
P&P Data Systems Inc.		27	2		14		
QHR Technologies Inc.	3	51	74	5	64		
TELUS	14	39	26	52	49		
YES Medical Systems			1		1		
York-Med Systems Inc.					1		
Total	20	219	248	62	203		

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 5 - Physicians by Sub-Region /Service						
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>	HRM	OLIS* Access Through EMR			
Bolton-Caledon	20	15	14			
Bramalea	219	149	129			
Brampton	248	137	159			
Dufferin	62	44	62			
North Etobicoke Malton West Woodbridge	203 136 154					
Total	752	481	518			

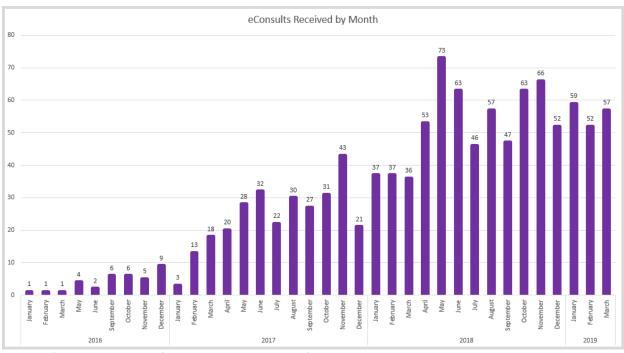
\*Source: eHealth Ontario

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 5 – ONE ID Penetration by Sub-Region*						
Sub-Region**	Physicians	Nurses	Total			
Bolton-Caledon	24	9	33			
Bramalea	189	62	251			
Brampton	185	220	405			
Dufferin	68	38	106			
North Etobicoke Malton West Woodbridge	135		135			
Total	601	329	930			

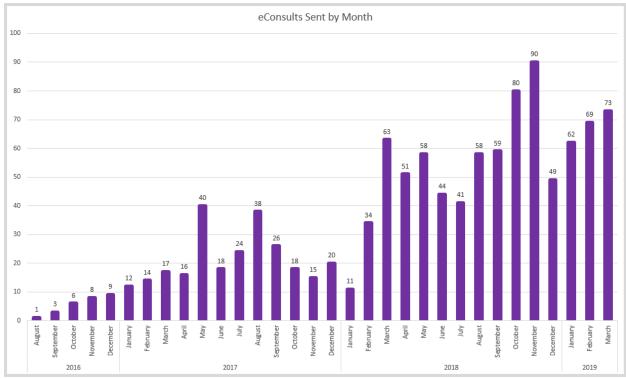
\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





## Number of eConsults Received by LHIN 5 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



#### Number of eConsults Sent by LHIN 5 Requesting Clinicians - Ontario eConsult Program\*\*

<sup>\*\*</sup>Includes eConsults sent to Specialists inside and outside the LHIN

## 1.6 Appendix F: LHIN 6 – Mississauga Halton

LHIN 6 - Provincial Product/Service % Penetration						
Product LHIN 6 Penetration <sup>1</sup> Change						
eNotifications (Hospitals)*	0%					
HRM (Physicians)	37%					
HRM (Hospitals)	100%					
OLIS (Physicians)*	42%	1%				

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. There is no change in denominator for HRM and eNotifications sites for LHIN 6.

LHIN 6 - Physicians by Vendor/OntarioMD Service						
	Phy	sicians Liv	e on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	19	28	1	48	10	33
Alpha Healthcare Inc.	2	1	1	4	1	1
AwareMD	1	19		20	20	
Canada Health Systems Inc.	27	2		29	10	33
Indivica Inc.	33	3	1	37	30	13
OSCAR EMR	230	55	2	287	180	126
P&P Data Systems Inc.	8	5		13	3	11
QHR Technologies Inc.	189	117	11	317	207	288
TELUS	370	109	6	485	338	370
YES Medical Systems	3			3	1	3
York-Med Systems Inc.	1	3		4		4
Total	883	342	22	1,247	800	882

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not to Enrolled Physicians.



LHIN 6 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>1</sup>							
OntarioMD Certified Vendor	East Mississauga	Halton Hills	Milton	North West Mississauga	Oakville	South Etobicoke	South West Mississauga
ABELSoft Corporation	11		5	17	5	2	7
Alpha Healthcare Inc.	1	2			1		
AwareMD	20						
Canada Health Systems Inc.	10			2	6	5	4
Indivica Inc.	3			10	1	13	8
OSCAR EMR	90	8	24	48	45	9	45
P&P Data Systems Inc.	7	2			1	3	
QHR Technologies Inc.	106	12	40	57	60	17	12
TELUS	68	29	31	59	176	35	44
YES Medical Systems	3						
York-Med Systems Inc.					3	1	
Total	319	53	100	193	298	85	120

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 6 - Physicians by Sub-Region /Service						
Sub-Region	Physicians Live on Certified EMR <sup>1</sup>	HRM	OLIS* Access Through EMR			
East Mississauga	319	200	216			
Halton Hills	53	39	49			
Milton	100	70	59			
North West Mississauga	193	115	179			
Oakville	298	205	193			
South Etobicoke	85	65	61			
South West Mississauga	120	70	58			
Total	1,168	764	815			

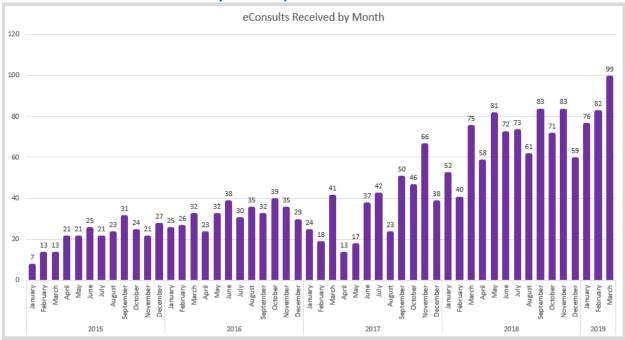
\*Source: eHealth Ontario

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 6 – ONE ID Penetration by Sub-Region*						
Sub-Region**	Physicians	Nurses	Total			
East Mississauga	264	338	602			
Halton Hills	39		39			
Milton	72	139	211			
North West Mississauga	220	238	458			
Oakville	241	68	309			
South Etobicoke	93	79	172			
South West Mississauga	97	20	117			
Total	1,026	882	1,908			

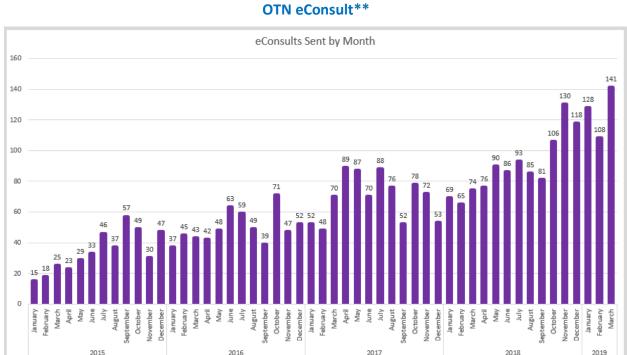
\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





Number of eConsults Received by LHIN 6 Specialists on eConsult BASE™ and OTN eConsult\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



## Number of eConsults Sent by LHIN 6 Requesting Clinicians on eConsult BASE and OTN eConsult\*\*

\*\*Includes eConsults sent to Specialists inside and outside the LHIN

# 1.7 Appendix G: LHIN 7 – Toronto Central

LHIN 7 - Provincial Product/Service % Penetration						
Product LHIN 7 Penetration <sup>1</sup> Change						
eNotifications (Hospitals)*	16%					
HRM (Physicians)	20%					
HRM (Hospitals)	68%					
OLIS (Physicians)*	33%					

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. For LHIN 7, UHN- Lyndhurst, UHN- Hillcrest and Sunnybrook Health Sciences – Orthopedic were added in May 2018.

LHIN 7 - Physicians by Vendor/OntarioMD Service						
	Phy	sicians Live	on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	53	52	2	107	44	70
Alpha Healthcare Inc.	19	3		22	19	22
AwareMD	1	3		4	4	
Canada Health Systems Inc.	78	9	6	93	44	69
Indivica Inc.	190	28	2	220	153	96
OSCAR EMR	124	140	2	266	91	147
P&P Data Systems Inc.	58	15	1	74	12	45
QHR Technologies Inc.	154	350	7	511	232	614
TELUS	730	208	17	955	556	843
YES Medical Systems		11	2	13	1	13
York-Med Systems Inc.	1	4		5		4
Total	1,408	823	39	2,270	1,156	1,926

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.



LHIN 7 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>12</sup>							
OntarioMD Certified Vendor	East Toronto	Mid-East Toronto	Mid-West Toronto	North Toronto	West Toronto		
ABELSoft Corporation	45	7	21	18	4		
Alpha Healthcare Inc.	7	1	7		4		
AwareMD					4		
Canada Health Systems Inc.	15	8	16	8	8		
Indivica Inc.	16	9	105	52	15		
OSCAR EMR	8	85	68	62	27		
P&P Data Systems Inc.		6	32	10	4		
QHR Technologies Inc.	52	71	175	131	46		
TELUS	157	152	341	165	103		
YES Medical Systems	6		5	1	1		
York-Med Systems Inc.	1		1	1	1		
Total	307	339	771	448	217		

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 7 - Physicians by Sub-Region /Service							
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>	HRM	OLIS* Access Through EMR				
East Toronto	307	183	232				
Mid-East Toronto	339	157	283				
Mid-West Toronto	771	338	781				
North Toronto	448	248	314				
West Toronto	217	217 123 183					
Total	2,082	1,049	1,793				

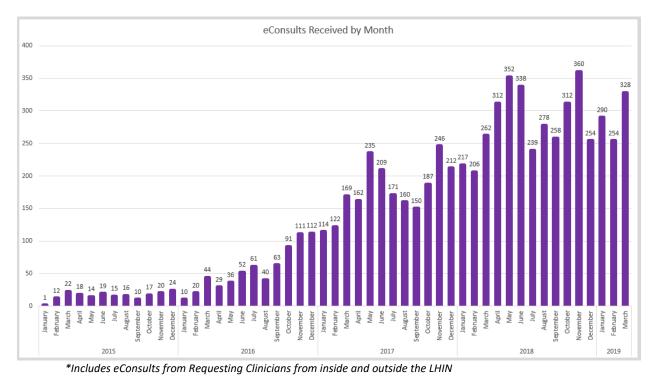
\*Source: eHealth Ontario

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 7 – ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
East Toronto	331	64	395		
Mid-East Toronto	557	394	951		
Mid-West Toronto	2,737	291	3,028		
North Toronto	586	203	789		
West Toronto	213	41	254		
Total	4,424	993	5,417		

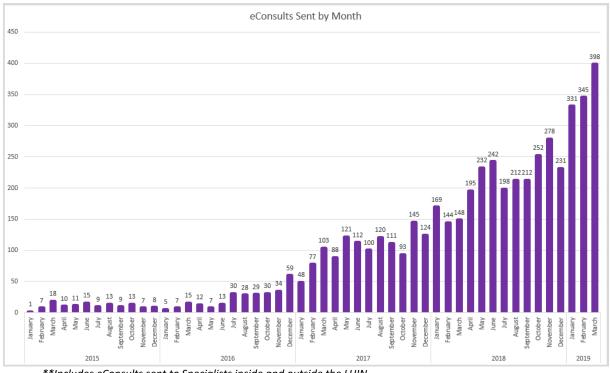
\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





## Number of eConsults Received by LHIN 7 Specialists through the Ontario eConsult Program\*





\*\*Includes eConsults sent to Specialists inside and outside the LHIN

## 1.8 Appendix H: LHIN 8 – Central

LHIN 8 - Provincial Product/Service % Penetration					
Product LHIN 8 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)*	27%				
HRM (Physicians)	35%				
HRM (Hospitals)	73%				
OLIS (Physicians)*	41%	1%			

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. There is no change in denominator for HRM and eNotifications sites for LHIN 8 in May 2018.

LHIN 8 - Physicians by Vendor/OntarioMD Service						
	Phy	sicians Liv	e on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	47	57	3	107	31	68
Alpha Healthcare Inc.	5	2		7	4	8
AwareMD		12		12	12	
Canada Health Systems Inc.	30	14	2	46	22	35
Indivica Inc.	152	17	4	173	134	74
OSCAR EMR	128	100	4	232	128	126
P&P Data Systems Inc.	113	18	1	132	38	69
QHR Technologies Inc.	289	249	11	549	351	443
TELUS	489	160	10	659	428	513
YES Medical Systems	1	11	1	13	3	11
York-Med Systems Inc.	7	6	1	14	9	11
Total	1,261	646	37	1,944	1,160	1,358

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.



LHIN 8 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>1 2</sup>						
OntarioMD Certified Vendor	Eastern York Region	North York Central	North York West	Northern York Region	South Simcoe	Western York Region
ABELSoft Corporation	10	11	26	13	1	31
Alpha Healthcare Inc.		1	2	2		2
AwareMD				12		
Canada Health Systems Inc.	3	16	1	15	2	8
Indivica Inc.	16	42	53	2	1	41
OSCAR EMR	38	45	28	34		71
P&P Data Systems Inc.	12	21	10		6	57
QHR Technologies Inc.	85	182	46	78	5	126
TELUS	110	131	55	104	30	181
YES Medical Systems	2	5	1			5
York-Med Systems Inc.	6		2	2		4
Total	282	454	224	262	45	526

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 8 - Physicians by Sub-Region /Service					
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>	HRM	OLIS* Access Through EMR		
Eastern York Region	282	229	190		
North York Central	454	255	361		
North York West	224	118	170		
Northern York Region	262	196	168		
South Simcoe	45	33	32		
Western York Region	526	304	333		
Total	1,793	1,135	1,254		

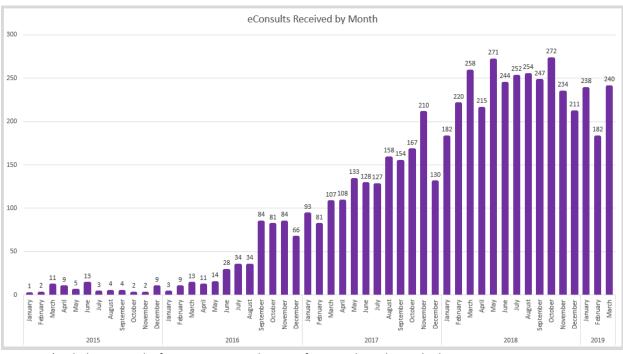
\*Source: eHealth Ontario

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 8 – ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
Eastern York Region	231	88	319		
North York Central	436	181	617		
North York West	223	79	302		
Northern York Region	246	201	447		
South Simcoe	53	37	90		
Western York Region	449	63	512		
Total	1,638	649	2,287		

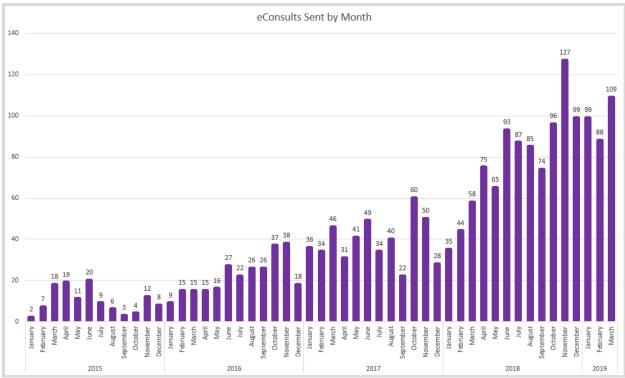
\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





#### Number of eConsults Received by LHIN 8 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



#### Number of eConsults Sent by LHIN 8 Requesting Clinicians - Ontario eConsult Program\*\*

\*\*Includes eConsults sent to Specialists inside and outside the LHIN

## 1.9 Appendix I: LHIN 9 – Central East

LHIN 9 - Provincial Product/Service % Penetration					
Product LHIN 9 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)*	40%				
HRM (Physicians)	45%				
HRM (Hospitals)	100%				
OLIS (Physicians)*	48%				

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. For LHIN 9, Lakeridge Health – Whitby was added in May 2018.

LHIN 9 - Physicians by Vendor/OntarioMD Service						
	Phy	sicians Liv	e on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	26	24	1	51	19	35
Alpha Healthcare Inc.	9	2		11	6	7
AwareMD						
Canada Health Systems Inc.	65	9		74	50	38
Indivica Inc.	61	19	1	81	64	47
OSCAR EMR	145	81	1	227	154	136
P&P Data Systems Inc.	49	9		58	31	36
QHR Technologies Inc.	186	171	11	368	248	272
TELUS	501	119	7	627	487	555
YES Medical Systems	1	8	2	11	7	6
York-Med Systems Inc.	7	8		15	5	8
Total	1,050	450	23	1,523	1,071	1,140

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.



	LHIN 9 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>1</sup>						
OntarioMD Certified Vendor	Durham North East	Durham West	Haliburton County and City of Kawartha Lakes	Northumberland County	Peterborough City and County	Scarborough North	Scarborough South
ABELSoft Corporation		3	8	12	3	5	17
Alpha Healthcare Inc.	2					5	3
AwareMD							
Canada Health Systems Inc.	11	6			1	3	51
Indivica Inc.	20	15			1	17	23
OSCAR EMR	8	44	1	10	5	54	93
P&P Data Systems Inc.	6	15		7		3	27
QHR Technologies Inc.	7	45	13	4	121	31	118
TELUS	285	77	56	27	70	31	59
YES Medical Systems						6	4
York-Med Systems Inc.	1	5			7		2
Total	340	210	78	60	208	155	397

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 9 - Physicians by Sub-Region /Service					
Sub-Region	Physicians Live on Certified EMR <sup>1</sup>	HRM	OLIS* Access Through EMR		
Durham North East	340	281	309		
Durham West	210	137	149		
Haliburton County and City of Kawartha Lakes	78	46	66		
Northumberland County	60	49	41		
Peterborough City and County	208	152	148		
Scarborough North	155	99	117		
Scarborough South	397	258	262		
Total	1,448	1,022	1,092		

\*Source: eHealth Ontario

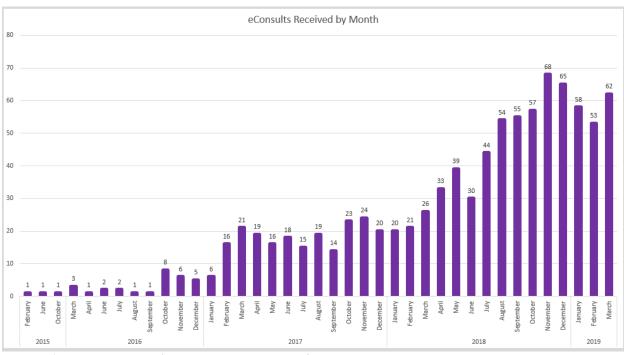
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 9 – ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
Durham North East	302	288	590		
Durham West	160	345	505		
Haliburton County and City of Kawartha Lakes	114	104	218		
Northumberland County	46	104	150		
Peterborough City and County	132	75	207		
Scarborough North	105	204	309		
Scarborough South	401	313	714		
Total	1,260	1,433	2,693		

\*Source: eHealth Ontario & OntarioMD

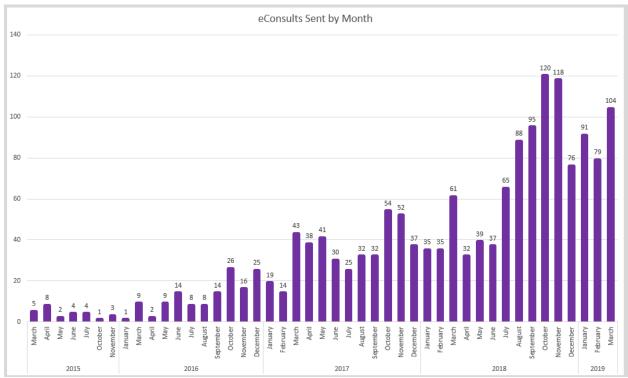
\*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





Number of eConsults Received by LHIN 9 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



### Number of eConsults Sent by LHIN 9 Requesting Clinicians - Ontario eConsult Program\*\*

\*\*Includes eConsults sent to Specialists inside and outside the LHIN

## 1.10 Appendix J: LHIN 10 – South East

LHIN 10 - Provincial Product/Service % Penetration					
Product LHIN 10 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)*	7%				
HRM (Physicians)	32%				
HRM (Hospitals)	100%				
OLIS (Physicians)*	43%				

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. For LHIN 10, Brockville – St. Vincent De Paul and Brockville- St. Vincent De Paul (Garden St. Site) were added in May 2018.

LHIN 10 - Physicians by Vendor/OntarioMD Service						
	Phy	sicians Liv	e on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation		8	1	9	3	11
Alpha Healthcare Inc.						
AwareMD						
Canada Health Systems Inc.	1			1		3
Indivica Inc.	16	3		19	12	10
OSCAR EMR	79	11		90	44	48
P&P Data Systems Inc.	8	3		11	7	7
QHR Technologies Inc.	72	30	2	104	60	98
TELUS	321	28	10	359	262	349
YES Medical Systems		1		1	1	1
York-Med Systems Inc.		1		1	1	1
Total	497	85	13	595	390	528

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.



LHIN 10 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>12</sup>						
OntarioMD Certified Vendor	Kingston	Lanark, Leeds & Grenville	Quinte	Rural Frontenac, Lennox & Addington	Rural Hastings	
ABELSoft Corporation	3	1	5			
Alpha Healthcare Inc.						
AwareMD						
Canada Health Systems Inc.	1					
Indivica Inc.	14	5				
OSCAR EMR	51	3	36			
P&P Data Systems Inc.	1	1	9			
QHR Technologies Inc.	40	5	50	1		
TELUS	134	114	49	34	24	
YES Medical Systems			1			
York-Med Systems Inc.		1				
Total	244	130	150	35	24	

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 10 - Physicians by Sub-Region /Service							
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>	HRM	OLIS* Access Through EMR				
Kingston	244	157	215				
Lanark, Leeds & Grenville	130	92	122				
Quinte	150	95	122				
Rural Frontenac, Lennox & Addington	35	22	24				
Rural Hastings	24	15	27				
Total	583	381	510				

\*Source: eHealth Ontario

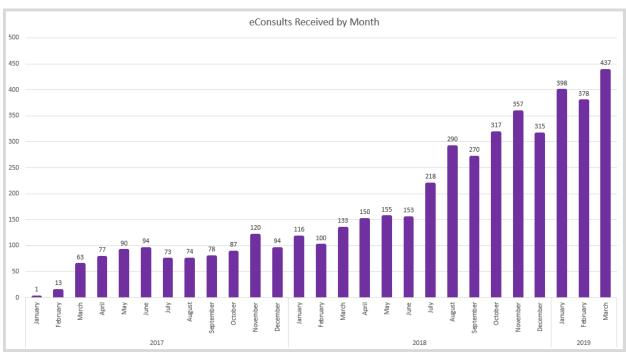
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 10 – ONE ID Penetration by Sub-Region*							
Sub-Region**	Physicians	Nurses	Total				
Kingston	381	141	522				
Lanark, Leeds & Grenville	107	78	185				
Quinte	100	112	212				
Rural Frontenac, Lennox & Addington	38	19	57				
Rural Hastings	23	4	27				
Total	649	354	1,003				

\*Source: eHealth Ontario & OntarioMD

\*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.

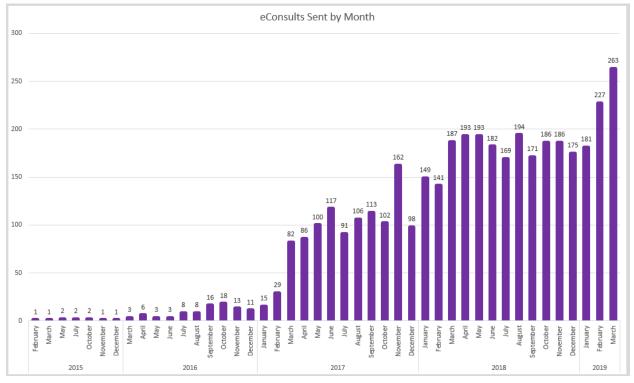




#### Number of eConsults Received by LHIN 10 Specialists on eConsult BASE and OTN eConsult\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN

# Number of eConsults Sent by LHIN 10 Requesting Clinicians on eConsult BASE and OTN eConsult\*\*



\*\*Includes eConsults sent to Specialists inside and outside the LHIN

## 1.11 Appendix K: LHIN 11 – Champlain

LHIN 11 - Provincial Product/Service % Penetration						
Product LHIN 11 Penetration Change						
eNotifications (Hospitals)*	42%					
HRM (Physicians)	27%	1%				
HRM (Hospitals)	79%					
OLIS (Physicians)*	42%					

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. There is no change in denominator for HRM and eNotifications sites for LHIN 11 in May 2018.

LHIN 11 - Physicians by Vendor/OntarioMD Service							
	Phy	sicians Liv	e on Certified	EMR <sup>2</sup>			
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR	
ABELSoft Corporation	3	28		31	4	31	
Alpha Healthcare Inc.		1		1	1		
AwareMD							
Canada Health Systems Inc.	64	48	3	115	64	58	
Indivica Inc.	57	6	1	64	48	51	
OSCAR EMR	153	53	1	207	137	124	
P&P Data Systems Inc.	56	2	1	59	15	22	
QHR Technologies Inc.	158	141	3	302	117	277	
TELUS	885	203	17	1,107	577	958	
YES Medical Systems							
York-Med Systems Inc.		1		1		2	
Total	1,376	483	26	1,885	963	1,523	

\* Source: eHealth Ontario

 $^1\mbox{HRM}$  Penetration is based on Live Physicians, not Enrolled Physicians.



LHIN 11 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>12</sup>						
OntarioMD Certified Vendor	Central Ottawa	Eastern Champlain	Eastern Ottawa	Western Champlain	Western Ottawa	
ABELSoft Corporation	29		1	1		
Alpha Healthcare Inc.					1	
AwareMD						
Canada Health Systems Inc.	49	15	7		42	
Indivica Inc.	40		15	7	2	
OSCAR EMR	100	3	17	15	65	
P&P Data Systems Inc.	7	38			14	
QHR Technologies Inc.	172	18	10	18	78	
TELUS	533	115	190	136	123	
YES Medical Systems						
York-Med Systems Inc.				1		
Total	930	189	240	178	325	

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 11 - Physicians by Sub-Region /Service							
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>	Certified EMR <sup>12</sup>					
Central Ottawa	930	398	792				
Eastern Champlain	189	76	137				
Eastern Ottawa	240	135	197				
Western Champlain	178	148	151				
Western Ottawa	325	194	225				
Total	1,862	951	1,502				

\*Source: eHealth Ontario

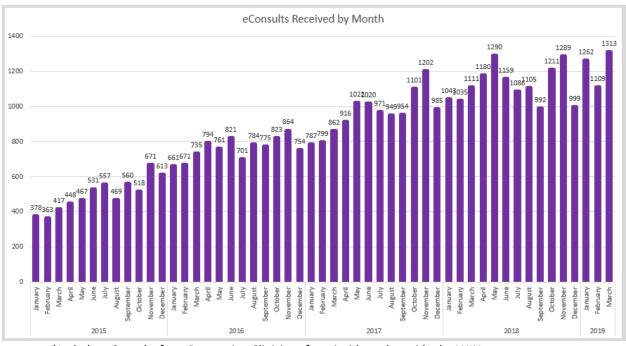
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 11 – ONE ID Penetration by Sub-Region*						
Sub-Region**	Physicians	Nurses	Total			
Central Ottawa	754	221	975			
Eastern Champlain	131	216	347			
Eastern Ottawa	155	65	220			
Western Champlain	146	177	323			
Western Ottawa	199	105	304			
Total	1,385	784	2,169			

\*Source: eHealth Ontario & OntarioMD

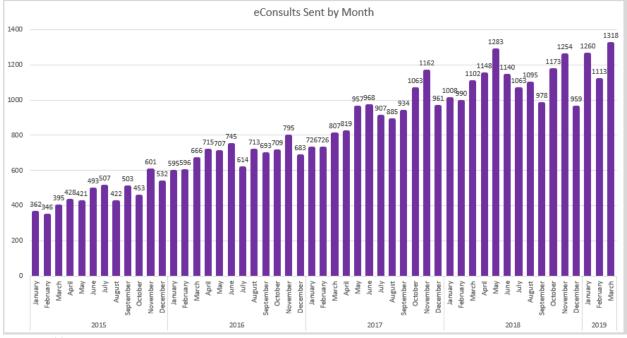
\*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





## Number of eConsults received by LHIN 11 Specialists on eConsult BASE\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



## Number of eConsults sent by LHIN 11 Requesting Clinicians on eConsult BASE\*\*

\*\*Includes eConsults sent to Specialists inside and outside the LHIN

## 1.12 Appendix L: LHIN 12 – North Simcoe Muskoka

LHIN 12 - Provincial Product/Service % Penetration						
Product LHIN 12 Penetration <sup>1</sup> Change						
eNotifications (Hospitals)*	13%					
HRM (Physicians)	52%	-1%				
HRM (Hospitals)	100%					
OLIS (Physicians)*	52%					

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. There is no change in denominator for HRM and eNotifications sites for LHIN 12 in May 2018.

LHIN 12 - Physicians by Vendor/OntarioMD Service						
	Phy	sicians Live	e on Certified	EMR <sup>2</sup>		
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	1	1	1	3	1	4
Alpha Healthcare Inc.	5			5	4	4
AwareMD		1		1	1	
Canada Health Systems Inc.			1	1		1
Indivica Inc.		1		1	1	2
OSCAR EMR	17	8		25	13	7
P&P Data Systems Inc.		1		1		
QHR Technologies Inc.	194	81	1	276	209	201
TELUS	194	40	4	238	195	205
YES Medical Systems						
York-Med Systems Inc.		2		2	2	2
Total	411	135	7	553	426	426

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.



LHIN 12 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>12</sup>						
OntarioMD Certified Vendor	Barrie and Area	Couchiching	Muskoka	North Simcoe	South Georgian Bay	
ABELSoft Corporation	1	2				
Alpha Healthcare Inc.			5			
AwareMD						
Canada Health Systems Inc.	1					
Indivica Inc.	1					
OSCAR EMR	21	3	1			
P&P Data Systems Inc.	1					
QHR Technologies Inc.	216	17	1	35	6	
TELUS	14	65	72	14	73	
YES Medical Systems						
York-Med Systems Inc.	2					
Total	257	87	79	49	79	

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 12 - Physicians by Sub-Region /Service						
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>					
Barrie and Area	257	191	169			
Couchiching	87	61	76			
Muskoka	79	64	65			
North Simcoe	49	35	54			
South Georgian Bay	79	79 70 59				
Total	551	421	423			

\*Source: eHealth Ontario

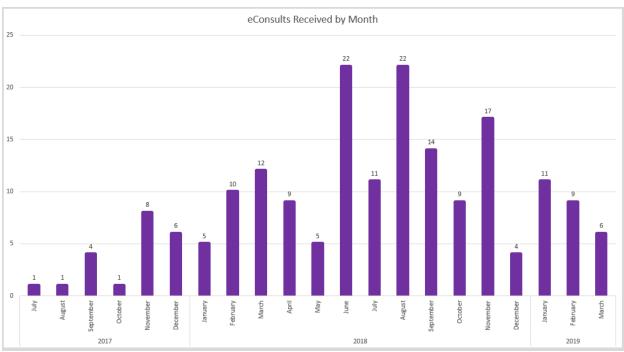
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 12 – ONE ID Penetration by Sub-Region*							
Sub-Region**	Physicians	Nurses	Total				
Barrie and Area	287	173	460				
Couchiching	91	70	161				
Muskoka	75	121	196				
North Simcoe	75	57	132				
South Georgian Bay	65	65 78 143					
Total	593	499	1,092				

\*Source: eHealth Ontario & OntarioMD

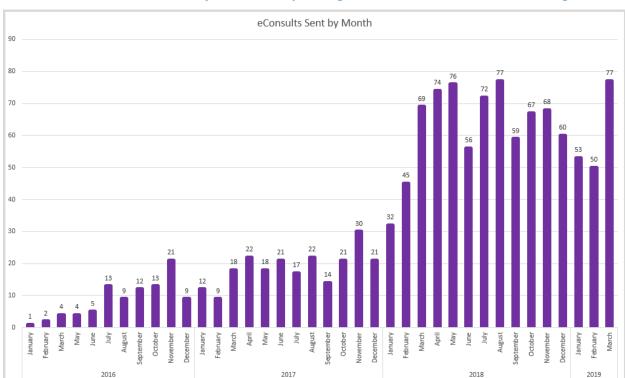
\*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





### Number of eConsults Received by LHIN 12 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



#### Number of eConsults Sent by LHIN 12 Requesting Clinicians - Ontario eConsult Program\*\*

\*\*Includes eConsults sent to Specialists inside and outside the LHIN

## 1.13 Appendix M: LHIN 13 – North East

LHIN 13 - Provincial Product/Service % Penetration						
Product LHIN 13 Penetration <sup>1</sup> Change						
eNotifications (Hospitals)*	38%					
HRM (Physicians)	15%					
HRM (Hospitals)	0%					
OLIS (Physicians)*	47%					

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. There is no change in denominator for HRM and eNotifications sites for LHIN 13 in May 2018.

LHIN 13 - Physicians by Vendor/OntarioMD Service						
Physicians Live on Certified EMR <sup>2</sup>						
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	1	6		7	1	4
Alpha Healthcare Inc.		1		1		1
AwareMD						
Canada Health Systems Inc.	2			2		5
Indivica Inc.	1			1		4
OSCAR EMR	22			22	5	10
P&P Data Systems Inc.	29	9	1	39	1	8
QHR Technologies Inc.	72	25	4	101	29	108
TELUS	296	49	6	351	124	352
YES Medical Systems						
York-Med Systems Inc.	8	3		11		8
Total	431	93	11	535	160	500

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.



LHIN 13 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>1 2</sup>					
OntarioMD Certified Vendor	Algoma	Cochrane	James and Hudson Bay Coasts	Nipissing- Temiskaming	Sudbury- Manitoulin- Parry Sound
ABELSoft Corporation	5	1			1
Alpha Healthcare Inc.				1	
AwareMD					
Canada Health Systems Inc.			1	1	
Indivica Inc.					1
OSCAR EMR	3	1		5	13
P&P Data Systems Inc.				29	10
QHR Technologies Inc.	27	17		15	42
TELUS	21	70	14	93	153
YES Medical Systems					
York-Med Systems Inc.	10				1
Total	66	89	15	144	221

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 13 - Physicians by Sub-Region /Service					
Sub-Region	Physicians Live on Certified EMR <sup>12</sup>	HRM	OLIS* Access Through EMR		
Algoma	66	15	64		
Cochrane	89	41	84		
James and Hudson Bay Coasts	15	3	25		
Nipissing-Temiskaming	144	28	122		
Sudbury-Manitoulin-Parry Sound	221	71	205		
Total	535	158	500		

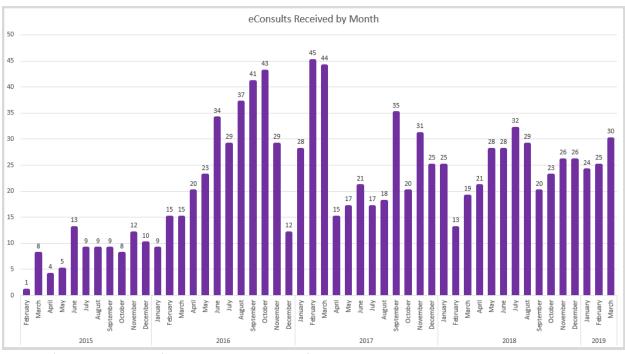
\*Source: eHealth Ontario

<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 13 – ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
Algoma	119	149	268		
Cochrane	79	162	241		
James and Hudson Bay Coasts	7	6	13		
Nipissing-Temiskaming	137	202	339		
Sudbury-Manitoulin-Parry Sound	298	321	619		
Total	640	840	1,480		

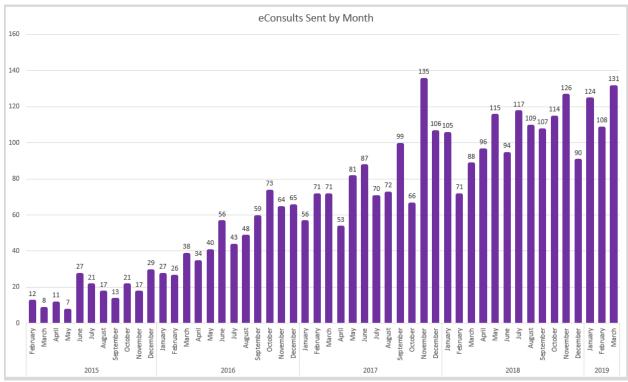
\*Source: eHealth Ontario & OntarioMD \*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





### Number of eConsults Received by LHIN 13 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



#### Number of eConsults Sent by LHIN 13 Requesting Clinicians - Ontario eConsult Program\*\*

<sup>\*\*</sup>Includes eConsults sent to Specialists inside and outside the LHIN

## 1.14 Appendix N: LHIN 14 – North West

LHIN 14 - Provincial Product/Service % Penetration					
Product LHIN 14 Penetration <sup>1</sup> Change					
eNotifications (Hospitals)*	100%				
HRM (Physicians)	3%	1%			
HRM (Hospitals)	0%				
OLIS (Physicians)*	38%				

\*OntarioMD has re-counted eligible hospital sites for HRM and eNotifications to align with the Ministry of Health Eligible Hospital Sites. Details of additional sites and their effect on penetration rates were provided in the April 2018 LHIN Report. There is no change in denominator for HRM and eNotifications sites for LHIN 14 in May 2018.

LHIN 14 - Physicians by Vendor/OntarioMD Service						
	Physicians Live on Certified EMR <sup>2</sup>					
EMR Vendor	GP	SP	Unknown	Total	HRM	OLIS* Access Through EMR
ABELSoft Corporation	6	1		7		8
Alpha Healthcare Inc.						
AwareMD						
Canada Health Systems Inc.	1	3		4		4
Indivica Inc.	1			1		1
OSCAR EMR	57			57		7
P&P Data Systems Inc.	14	6		20		2
QHR Technologies Inc.	32	19		51	5	63
TELUS	92	49	4	145	12	118
YES Medical Systems						
York-Med Systems Inc.						
Total	203	78	4	285	17	203

\* Source: eHealth Ontario

<sup>1</sup> HRM Penetration is based on Live Physicians, not Enrolled Physicians.



LHIN 14 - Physicians by OntarioMD-Certified Vendor/Sub-Region <sup>12</sup>					
OntarioMD Certified Vendor	City of Thunder Bay	District of Kenora	District of Rainy River	District of Thunder Bay	Northern
ABELSoft Corporation	1			6	
Alpha Healthcare Inc.					
AwareMD					
Canada Health Systems Inc.	4				
Indivica Inc.					
OSCAR EMR	22	1			34
P&P Data Systems Inc.	2	18			
QHR Technologies Inc.	25	6	15	4	1
TELUS	92	27	9	13	3
YES Medical Systems					
York-Med Systems Inc.					
Total	146	52	24	24	38

<sup>2</sup> Please see Executive Notes for an explanation of slight discrepancies between LHIN and sub-region totals.

LHIN 14 - Physicians by Sub-Region /Service					
Sub-Region	Physicians Live on Certified EMR <sup>12</sup> HRM     OLIS* Acce Through EM				
City of Thunder Bay	146	2	100		
District of Kenora	52		32		
District of Rainy River	24	13	20		
District of Thunder Bay	24		34		
Northern	38		17		
Total	284	15	203		

\*Source: eHealth Ontario

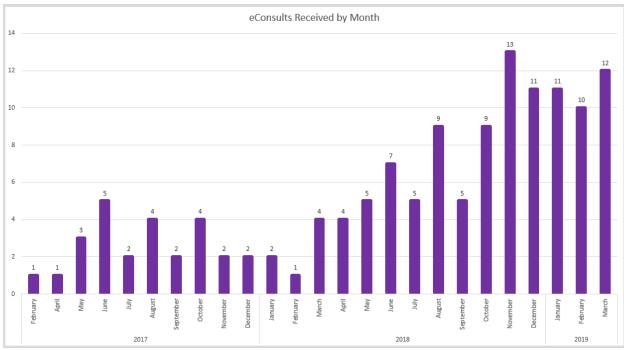
<sup>1</sup> Numbers have been updated to reflect the actual number of physicians, not funding positions.

LHIN 14 – ONE ID Penetration by Sub-Region*					
Sub-Region**	Physicians	Nurses	Total		
City of Thunder Bay	221	203	424		
District of Kenora	51	127	178		
District of Rainy River	23	12	35		
District of Thunder Bay	19	10	29		
Northern	24	2	26		
Total	338	354	692		

\*Source: eHealth Ontario & OntarioMD

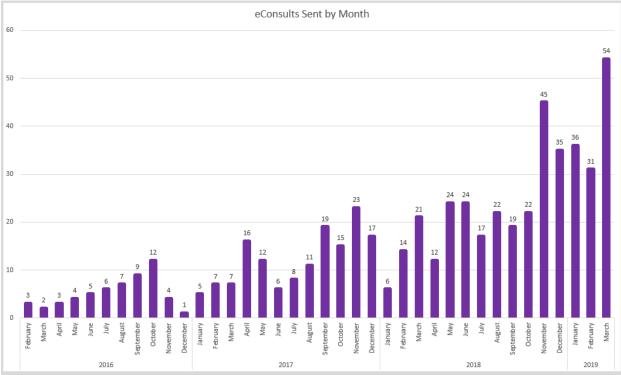
\*\* Totals may be slightly lower than those for the LHIN due to not being able to map all the records to a sub-region.





### Number of eConsults Received by LHIN 14 Specialists through the Ontario eConsult Program\*

\*Includes eConsults from Requesting Clinicians from inside and outside the LHIN



## Number of eConsults Sent by LHIN 14 Requesting Clinicians - Ontario eConsult Program\*\*

\*\*Includes eConsults sent to Specialists inside and outside the LHIN