

CRISP Quarterly Report

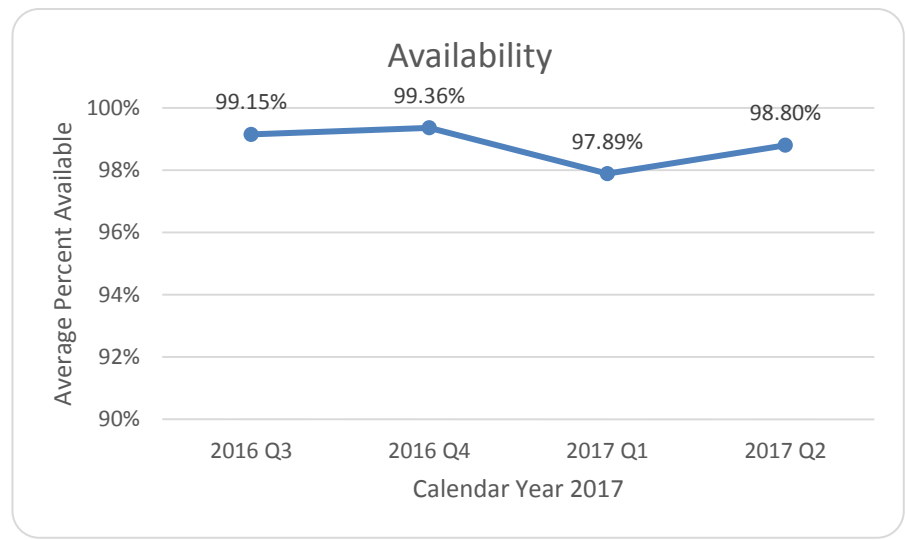
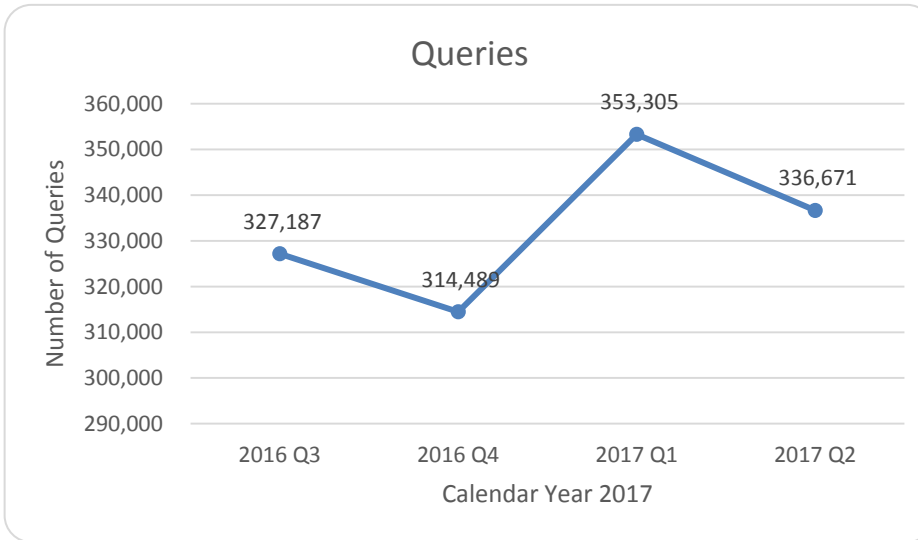
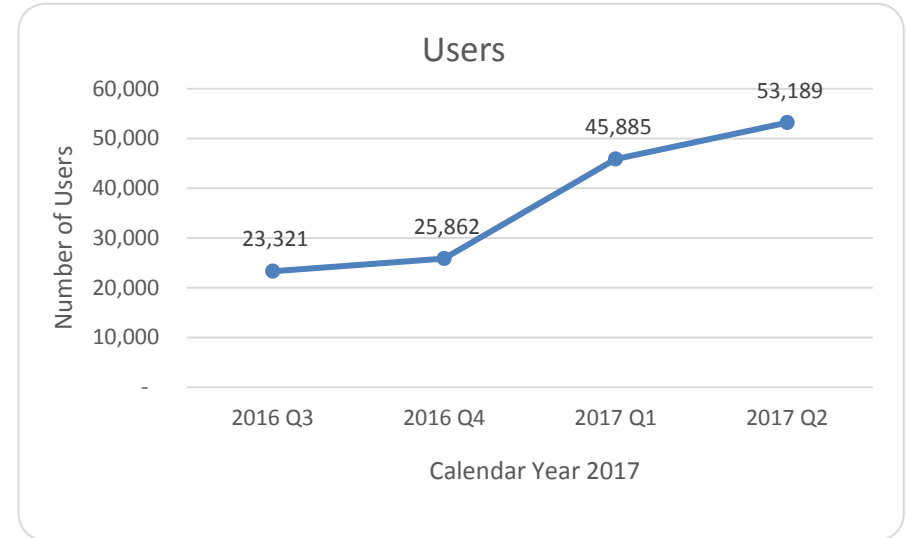
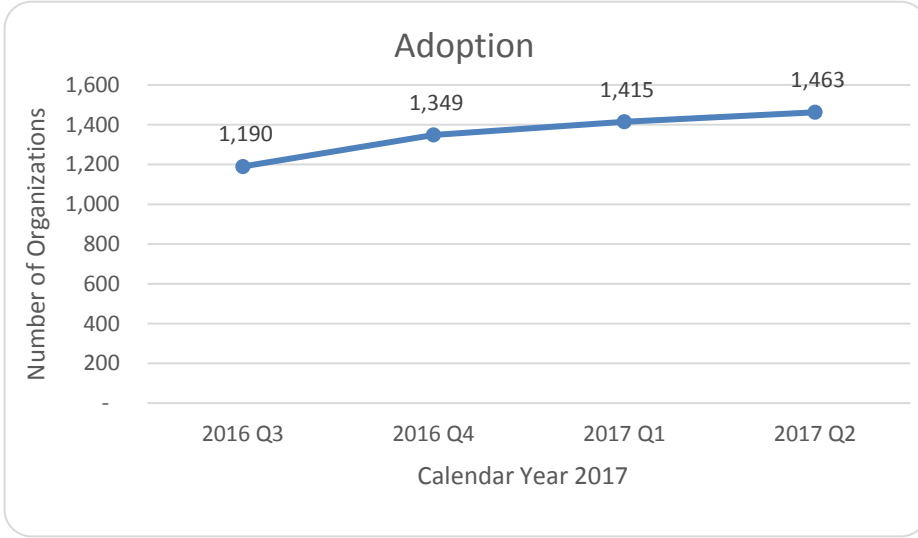
The Chesapeake Regional Information System for our Patients (CRISP), the State-Designated health information exchange (HIE), submits monthly status reports to the Maryland Health Care Commission (MHCC). The monthly reports provide updates to the HIE program and use of HIE services. The MHCC's Center for Health Information Technology & Innovative Care Delivery uses the information to facilitate development of the State-Designated HIE, craft policy around privacy and security, and develop initiatives to expand health information technology adoption, including electronic health record adoption and meaningful use. The MHCC releases quarterly reports to update stakeholders and the public on the use of HIE services.

At a Glance							
HIE Category	2016		2017		Total ^a #	Total ^b %	Growth Rate ^c
	Quarter 3 (Jul-Sep)	Quarter 4 (Oct-Dec)	Quarter 1 (Jan-Mar)	Quarter 2 (Apr-Jun)			
Ambulatory Practice Data (# of organizations)							
Signed participation agreements - CRISP Portal (N=4,667 ^d)	95	107	61	44	1,076	23.1%	11.0%
CRISP portal live (N=4,667 ^d)	58	68	62	46	727	15.6%	10.0%
Direct message accounts live (N=4,667 ^d)	130	117	227	85	1,291	27.7%	11.2%
Encounter notification service live (N=4,667 ^d)	69	116	72	36	768	16.5%	14.8%
Long Term Care Data Consumption (# of organizations) N=230 ^e							
Signed participation agreements - CRISP Portal	11	13	4	3	171	74.3%	7.9%
CRISP portal live	5	4	27	4	123	53.5%	3.9%
Encounter notification service live	23	10	1	1	101	43.9%	21.9%
CRISP Portal Participation and Usage							
New Single-sign on live in Maryland hospitals	2	3	6	1	31	66.0%	9.2%
Users in Prescription Drug Monitoring Program ^f	3,363	2,842	7,761	4,552	26,985	37.0%	14.0%
CRISP Portal queries ^g	327,187	314,489	353,305	336,671			1.0%
Number of ENS notifications generated ^h	3,540,643	4,442,977	5,059,468	5,445,687			15.4%
Consumer Metrics							
Number of consumers opting out ⁱ	387	6,012	914	839	14,544	0.08%	33.6%
Number of MD-only consumers opting out ⁱ				211	6,848	0.06%	0.0%
Consumer identifiers (MPI) ^j	137,004	-96,684	1,176,258	260,820	17,194,138		0.1%
Maryland consumer identifiers (MPI) ^j	203,883	-26,013	117,561	-45,501	10,782,266		0.8%

Notes:

- Totals are cumulative since service was started.
- Represents the total percentage of providers or targeted providers utilizing specific CRISP services.
- Growth rate is calculated based on the totals between quarters shown above.
- 2014-2015 Maryland Board of Physicians Licensure data file, Practice Level.
- 2015 Annual Long Term Care Survey data.
- Periodic deactivation of 90-day-inactive users accounts may result in lower user totals.
- Number of CRISP Portal queries not listed in Total # and Total % columns because CRISP Portal queries are not calculated based on a cumulative total over time.
- Number of ENS notifications generated not listed in Total # and Total % columns because generated ENS notifications are not calculated based on a cumulative total over time.
- Total percentage column for consumers opting out indicates the total percentage of consumers opting out of CRISP services based on the total number of consumer identifiers issues and cumulative total of opt-outs since services were started
- Negative number represents the total change for the quarter as it relates to the addition of new patients and the on-going reconciliation efforts to clean up duplicative. Q1 2017 showed a huge spike due to the addition of WV.

CRISP Portal



Notes:

CRISP Portal: A standalone web-based system that contains patient health information from Maryland hospitals and other providers connected to the HIE; information available via the portal includes patient demographics, laboratory results, radiology reports, discharge summaries, operative and consult notes, and medication fill history

Participation Agreement: Providers sign a participation agreement with CRISP in order to query the CRISP Portal

Users: Doctors, nurses, pharmacists and eligible medical staff whose identity and credentials have been authenticated and granted a CRISP login account

Queries: Number of searches within the CRISP Portal per quarter

Availability: The percent of hours that the portal is live out of all possible hours in a quarter

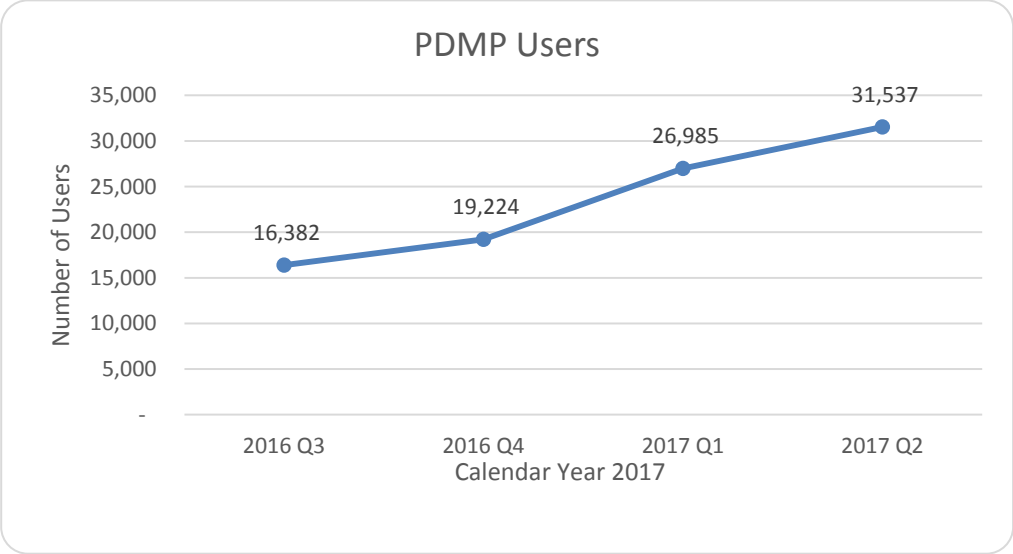
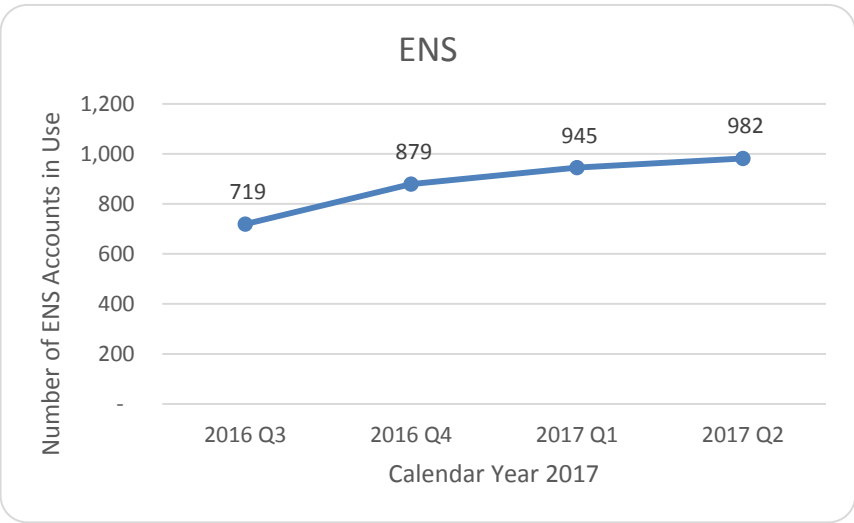
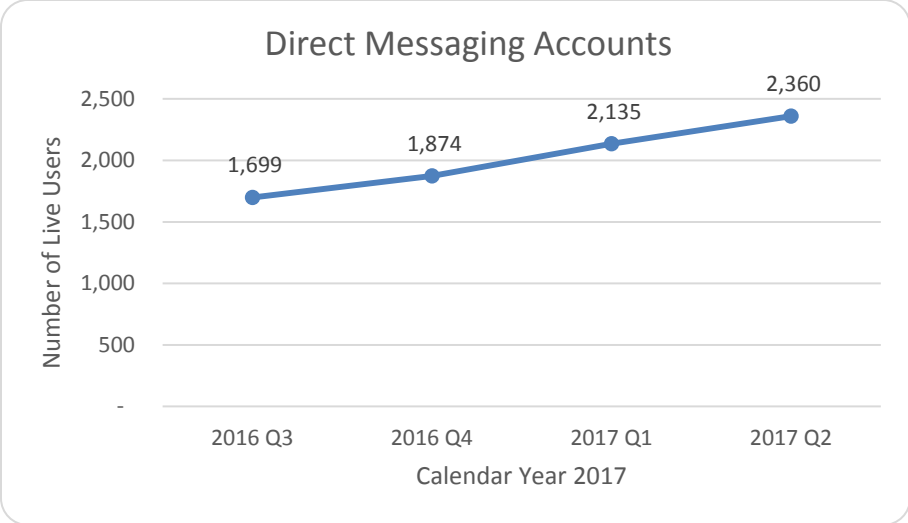
Percent Available: The percent of hours that the portal is available during the quarter

CRISP Portal Queries by Provider Type									
Calendar Year	2016				2017				
Provider Type	Quarter 3		Quarter 4		Quarter 1		Quarter 2		Total #
	#	%	#	%	#	%	#	%	
Ambulatory	103,881	32%	105,330	33%	132,578	38%	138,002	41%	479,791
Hospital Emergency Department	38,751	12%	33,685	11%	30,396	9%	35,449	11%	138,281
Hospital-Non Emergency Department	93,637	29%	80,395	26%	87,111	25%	91,716	27%	352,859
Long Term Care	1,109	0%	1,243	0%	1,717	0%	1,265	0%	5,334
Pharmacy	89,526	27%	93,015	30%	100,471	28%	69,520	21%	352,532
Payor	283	0%	821	0%	1,032	0%	719	0%	2,855
Total	327,187	25%	314,489	24%	353,305	27%	336,671	25%	1,331,652
Monthly Average	109,062		104,830		117,768		112,224		443,884

Notes:

CRISP Portal: A standalone web-based system that contains patient health information from Maryland hospitals and other providers connected to the HIE; information available via the portal includes patient demographics, laboratory results, radiology reports, discharge summaries, operative and consult notes, and medication fill history

Queries: Number of searches within the CRISP Portal per quarter



Notes:

Direct Message Accounts: A secure and encrypted e-mail service that supports electronic communication between health care providers
Encounter Notification System (ENS): A system that notifies providers when one of their patients has an encounter at a Maryland hospital, which includes patient admission, discharge, and transfer activity
Prescription Drug Monitoring Program (PDMP): Records of all dispensing of controlled dangerous substances (CDS) available in CRISP query portal; periodic deactivation of 90-day-inactive users accounts may result in lower user totals. Users include prescribers, pharmacists and their delegates.