

CRISP Quarterly Report

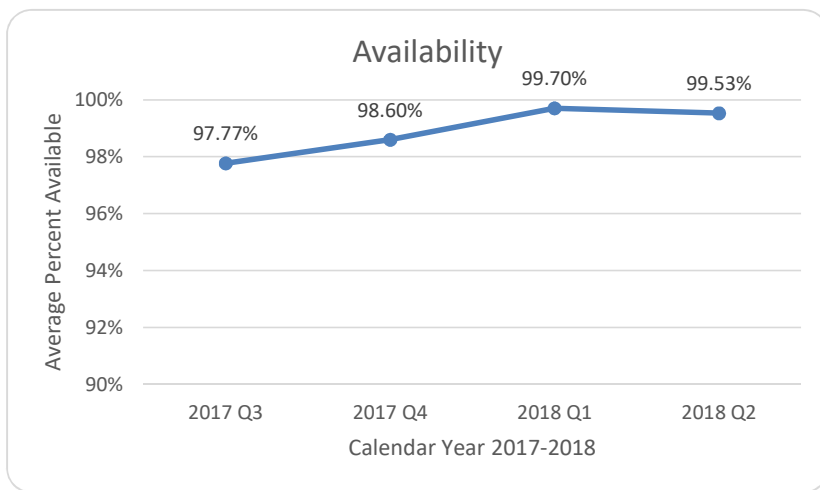
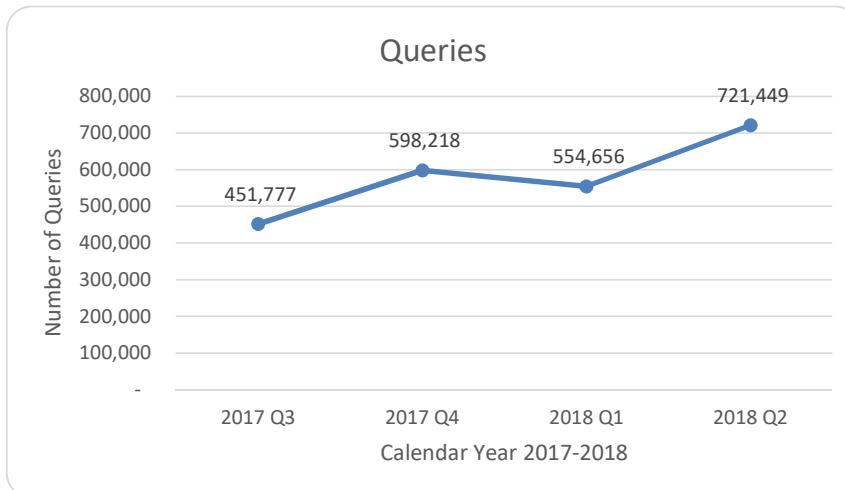
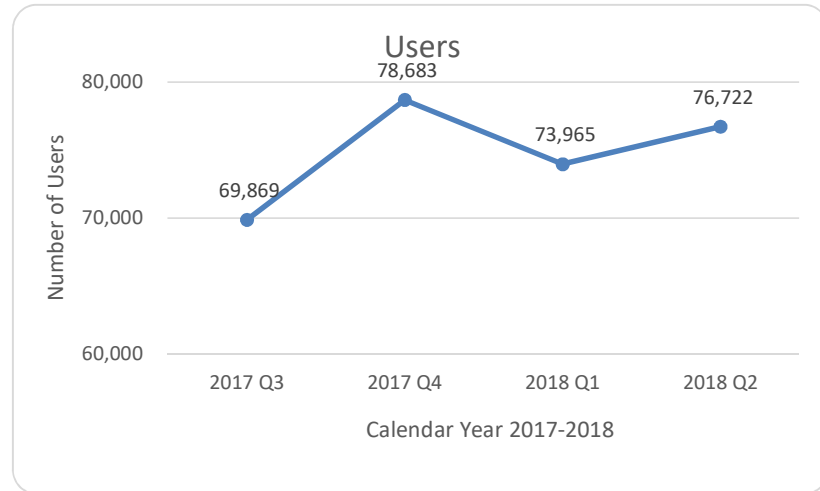
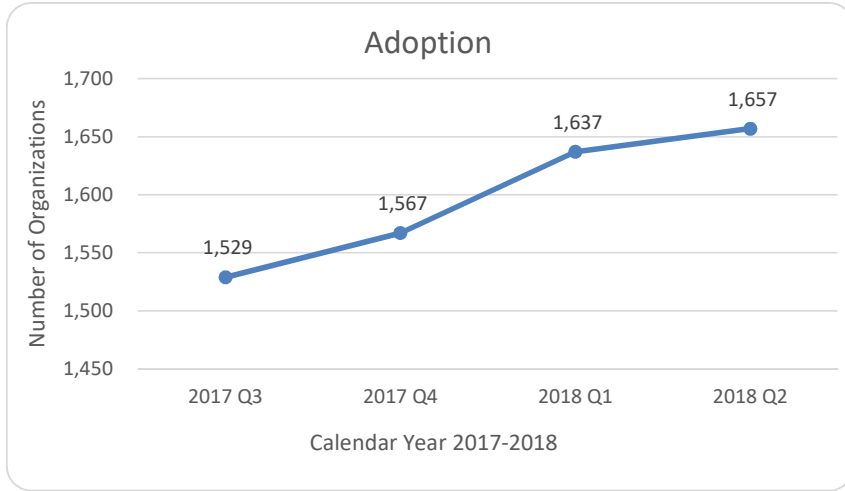
The Chesapeake Regional Information System for our Patients (CRISP), the State-Designated health information exchange (HIE), submits quarterly status reports to the Maryland Health Care Commission (MHCC). The quarterly reports provide updates on the use of HIE services. The MHCC releases quarterly reports to update stakeholders and the public.

At a Glance							
HIE Category	2017		2018		Total ^a #	Total ^b %	Growth Rate ^c
	Quarter 3 (Jul-Sept)	Quarter 4 (Oct-Dec)	Quarter 1 (Jan-Mar)	Quarter 2 (Apr-Jun)			
Ambulatory Practice Data (# of organizations)							
Signed participation agreements - CRISP Portal (N=5,862 ^d)	77	24	62	16	1,204	20.5%	4.5%
CRISP portal live (N=5,862 ^d)	55	18	65	20	1,664	28.4%	2.3%
Direct message accounts live (N=5,862 ^d)	67	81	68	55	1,506	25.7%	5.3%
Encounter notification service live (N=5,862 ^d)	35	23	32	16	860	14.7%	3.6%
Long Term Care Data Consumption (# of organizations) N=230 ^e							
Signed participation agreements - CRISP Portal	10	7	5	1	194	84.3%	4.7%
CRISP portal live	3	2	2	1	145	63.0%	1.8%
Encounter notification service live	0	1	1	3	107	46.5%	0.5%
CRISP Portal Participation and Usage							
New Single-sign on live in Maryland hospitals	0	1	2	0	31	66.0%	1.7%
Users in Prescription Drug Monitoring Program ^f	4,936	6,575	-6,826	7,871	54,143	74.2%	12.7%
CRISP Portal queries ^g	451,777	598,218	554,656	721,449			16.9%
Number of ENS notifications generated ^h	7,130,820	9,231,608	6,521,939	7,916,765			3.5%
Consumer Metrics							
Number of MD-only consumers opting out ⁱ	159	249	289	342	7,887	0.08%	2.7%
Maryland consumer identifiers (MPI) ^j	-336,789	-33,092	62,434	-13,095	10,461,724		-1.7%

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.
- 2015-2016 Maryland Board of Physicians Licensure data file, Estimated Practice Level.
- 2016 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.

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

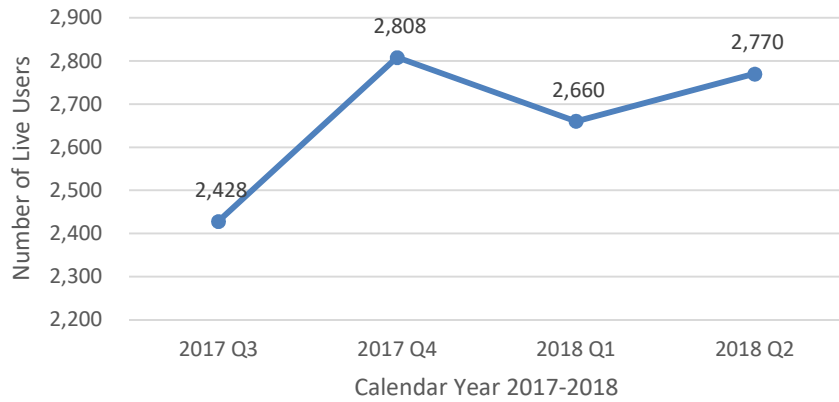
CRISP Portal Queries by Provider Type										
Calendar Year	2017				2018					
Provider Type	Quarter 3		Quarter 4		Quarter 1		Quarter 2		Total	Quarterly Average
	#	%	#	%	#	%	#	%	#	#
Ambulatory	121,285	50%	125,403	50%	325,283	59%	429,102	59%	1,001,073	250,268
Hospital Emergency Department	28,532	12%	28,345	11%	16,591	3%	26,116	4%	99,584	24,896
Hospital-Non Emergency Department	77,384	32%	87,548	35%	69,557	13%	93,506	13%	327,995	81,999
Long Term Care	812	0%	1,118	0%	1,982	0%	2,438	0%	6,350	1,588
Pharmacy	14,878	6%	5,656	2%	140,123	25%	168,984	23%	329,641	82,410
Payor	344	0%	351	0%	1,120	0%	1,303	0%	3,118	780
Total	243,235	14%	248,421	14%	554,656	31%	721,449	41%	1,767,761	441,940

Notes:

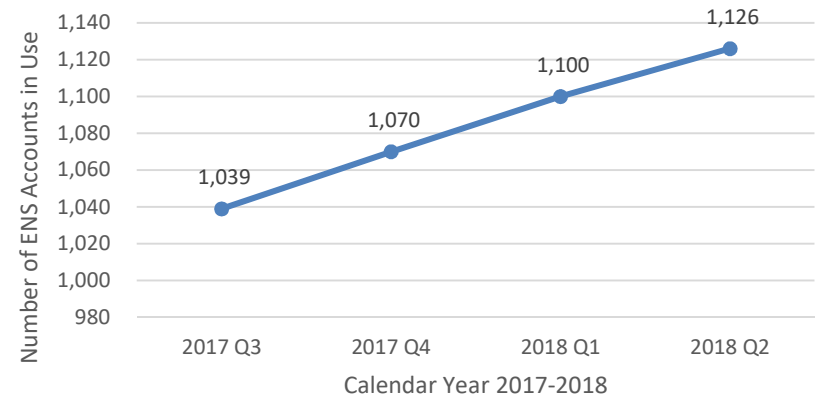
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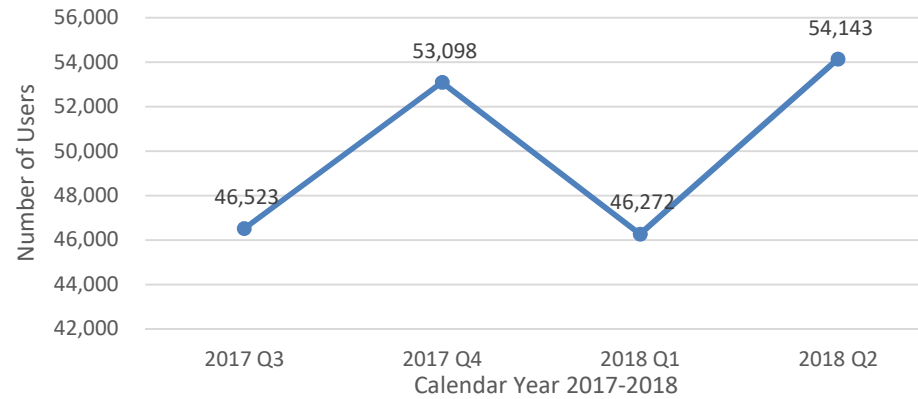
Direct Messaging Accounts



ENS



PDMP Users



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.