



# CRISP Quarterly Report

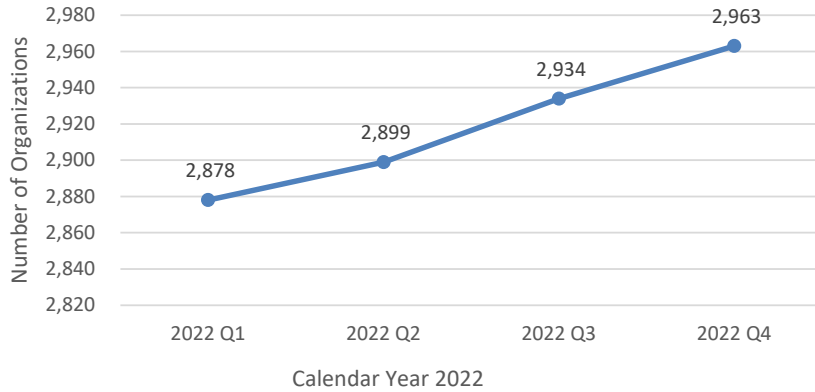
The Chesapeake Regional Information System for our Patients (CRISP), the State-Designated health information exchange (HIE), submits quarterly status reports to the Maryland Health Care Commission (MHCC). The quarterly reports provide updates on the use of HIE services. The MHCC releases quarterly reports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

At a Glance										
HIE Category		2022								
		Quarter 1 (Jan-Mar)	Quarter 2 (Apr-Jun)	Quarter 3 (Jul-Sept)	Quarter 4				Total <sup>a</sup>	Percent Change
					Oct	Nov	Dec	Quarter Total		
<b>Participation</b>										
Signed Participation Agreements <sup>b</sup>	Ambulatory	7	10	22	7	4	8	19	1,850	39%
Nursing Facility Connectivity Program <sup>c</sup> (N=225)	Nursing Homes Integration with Real Time Medical Systems	--	--	--				86	86	--
<b>Point of Care</b>										
Manual Portal Queries		2,589,176	2,524,062	2,626,620	863,955	833,809	779,467	2,477,231	41,493,338	-1%
In-Context Alerts <sup>d</sup>		10,656,240	11,661,654	10,246,677	3,565,625	3,649,320	2,566,407	9,781,352	214,001,611	-3%
Prescription Drug Monitoring Program (PDMP) <sup>e</sup>	Total Views <sup>e</sup>	4,366,765	5,386,509	4,169,678	1,356,354	1,410,136	1,295,916	4,062,406	69,567,101	-2%
	In-Context Views <sup>f</sup>	3,801,564	4,674,746	3,507,979	1,181,216	1,246,633	1,162,421	3,590,270	71,328,565	-2%
Images Viewed		62,322	65,797	55,704	24,000	25,440	23,915	73,355	671,504	6%
Public Health Alerts <sup>g</sup>		2,822	2,559	2,109	627	681	766	2,074	126,817	-10%
<b>Care Coordination</b>										
Encounter Notification Service (ENS) Live <sup>h</sup>	Ambulatory	20	33	33	9	11	9	29	959	13%
	Nursing Homes	1	1	0	0	0	0	0	105	--
	Payers	0	0	1	0	0	1	1	22	0%
	Hospitals	2	4	4	2	0	0	2	85	0%
ENS Notifications Received	Ambulatory	6,993,899	8,320,291	8,400,122	2,968,627	3,003,023	2,814,742	8,786,392	98,198,485	8%
	Nursing Homes	115,829	115,295	92,120	30,225	30,043	32,838	93,106	1,459,118	-7%
	Payers <sup>i</sup>	6,019,204	4,213,935	3,696,364	1,153,984	1,175,340	1,071,758	3,401,082	57,970,869	-17%
	Hospitals	5,998,595	6,654,871	5,783,275	1,926,269	1,912,079	2,084,218	5,922,566	91,395,875	0%
Secure Text Messages sent <sup>j</sup>		328,933	263,944	268,767	95,051	96,698	90,906	282,655	6,541,503	-5%
<b>Consumer Participation</b>										
Consumer Opt-Outs		305	221	277	84	108	89	281	12,304	-3%
Adjusted Maryland Patient Identifiers <sup>k</sup>		6,709,946	6,322,856	5,025,713				6,057,988	6,057,988	-3%

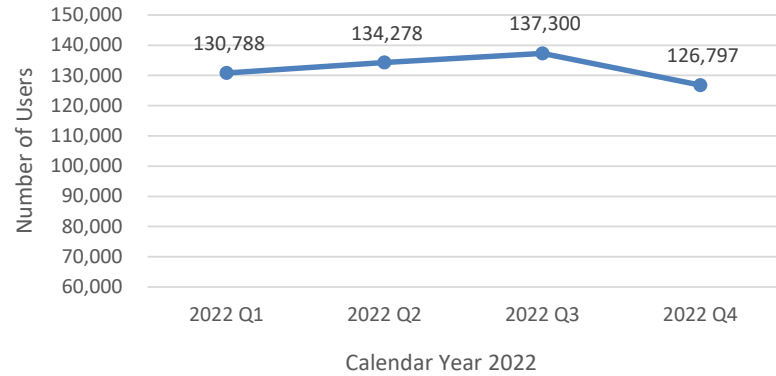
Notes:  
a. Totals are cumulative since service was started  
b. Practices and facilities sign a participation agreement with CRISP in order to query the CRISP Portal; includes participation agreements signed by parent and affiliate organizations  
c. Part of a state health improvement program required by CH790/791 (2021)  
d. User queries delivered in the EHR workflow  
e. Periodic deactivation of 90-day-inactive users accounts may result in lower user totals  
f. PDMP data viewed directly in the user's EHR  
g. Alerts delivered in-context to providers based on patient lists generated by MDH for specific public health diseases  
h. ENS Live is counted at the organization level (practice, facility, payer organization, and hospital site)  
i. Negative COVID-19 test results reporting ended in July 2022 decreasing the number of alerts  
j. Direct messaging is a secure and encrypted e-mail service that supports electronic communication between physicians, nurse practitioners, physician assistants, and other healthcare providers  
k. This is not a system generated number. CRISP applies a reporting algorithm that takes into consideration reporting anomalies in the data

# CRISP Portal

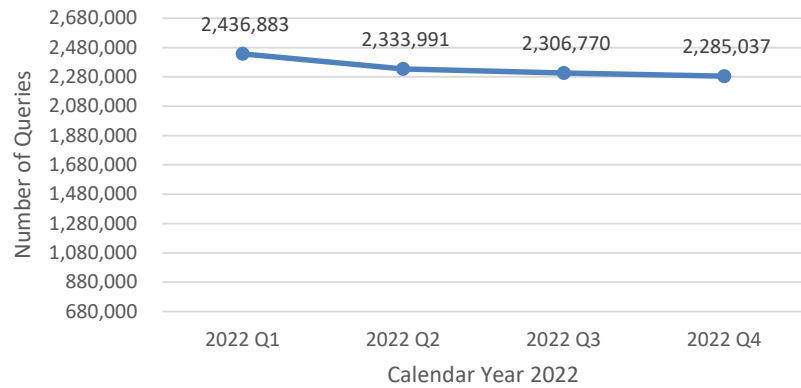
## Adoption



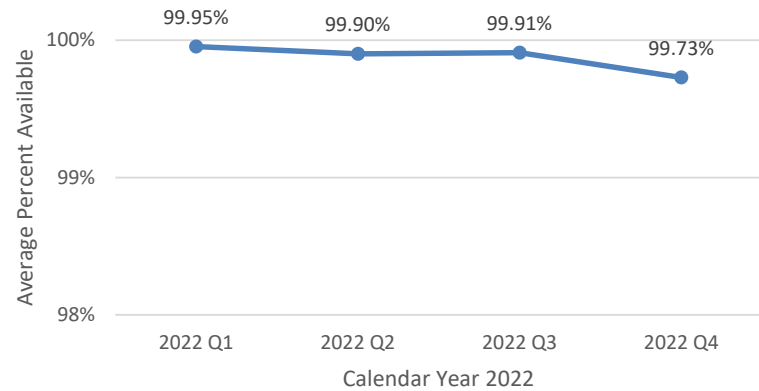
## Users



## Queries



## Availability



**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:** Prior to 2019 Q3, users were doctors, nurses, pharmacists and eligible medical staff whose identity and credentials had been authenticated and granted a CRISP login account. Beginning in 2019 Q3, users are doctors, nurses, pharmacists and eligible medical staff who have actually queried.

**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.

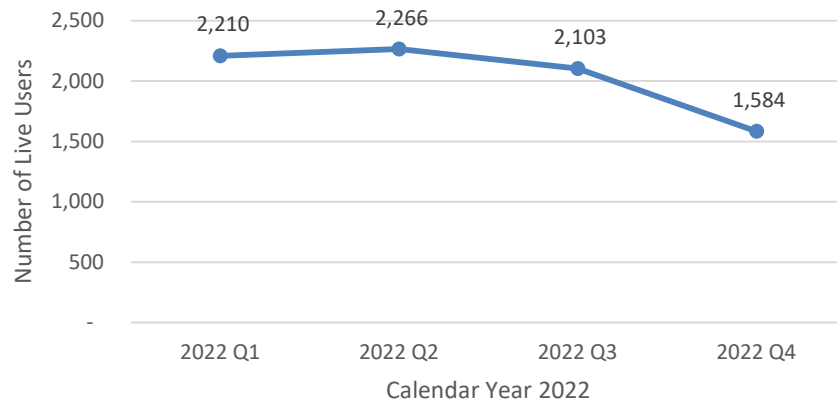
CRISP Portal Queries by Provider Type										
Calendar Year	2021-2022									
Provider Type	Quarter 1		Quarter 2		Quarter 3		Quarter 4		Total	Quarterly Average
	#	%	#	%	#	%	#	%	#	#
Ambulatory	791,500	32%	770,120	33%	666,486	29%	670,818	29%	2,898,924	724,731
Hospital	1,403,340	58%	1,333,156	57%	1,420,230	62%	1,408,265	62%	5,564,991	1,391,248
Long Term Care	45,097	2%	54,978	2%	42,175	2%	37,572	2%	179,822	44,956
Pharmacy	131,055	5%	127,830	5%	138,327	6%	120,005	5%	517,217	129,304
Payor	65,891	3%	47,907	2%	39,552	2%	48,377	2%	201,727	50,432
<b>Total</b>	<b>2,436,883</b>	<b>26%</b>	<b>2,333,991</b>	<b>25%</b>	<b>2,306,770</b>	<b>25%</b>	<b>2,285,037</b>	<b>24%</b>	<b>9,362,681</b>	<b>2,340,670</b>

**Definitions:**

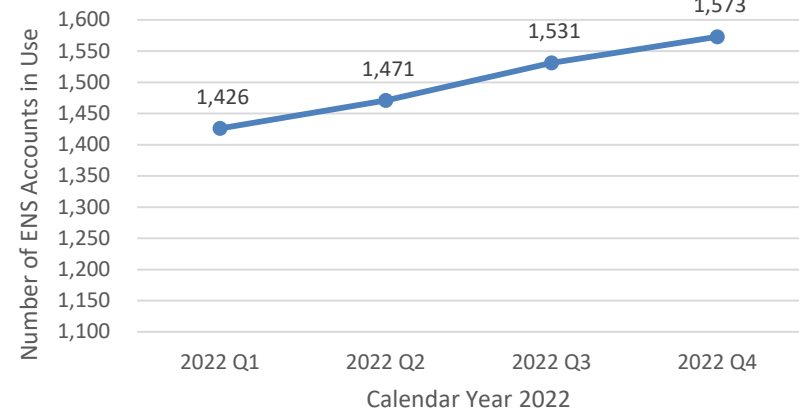
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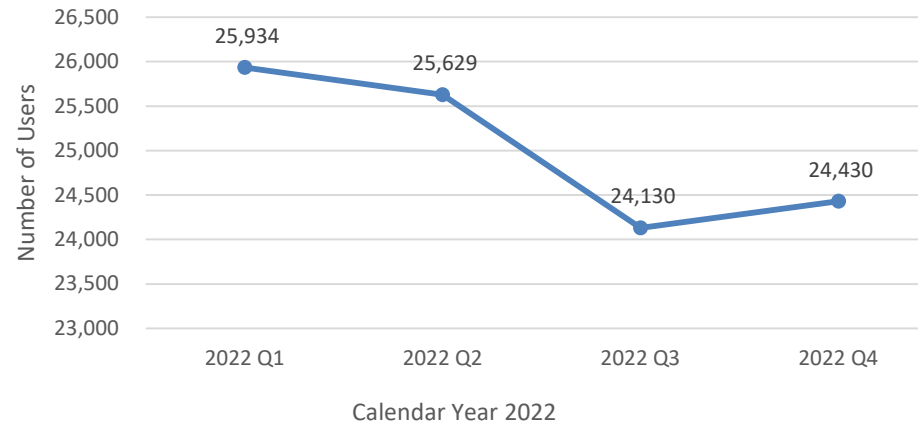
### Direct Messaging Accounts - User Level



### ENS



### Unique Users Who Queried PDMP



**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.

**Unique Users:** Inclusive of all unique users who queried the PDMP; prior reporting was limited to users of the web-based portal.