



CHESAPEAKE REGIONAL INFORMATION SYSTEM FOR OUR PATIENTS

CRISP Reporting Services

Report to HSCRC Payment Workgroup

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CRISP Services

Clinical Query Portal

- Patient information accessible at the point of care, including: lab results, radiology reports, PDMP, discharge summaries, and more

Encounter Notification Service (ENS)

- Real-time hospital admission, discharge, and transfer notifications available to providers who submit a patient list
- Auto-subscriptions for hospitals to receive alerts for readmissions within 30-days across Maryland, DC, and Delaware hospitals

CRISP Reporting Services (CRS)

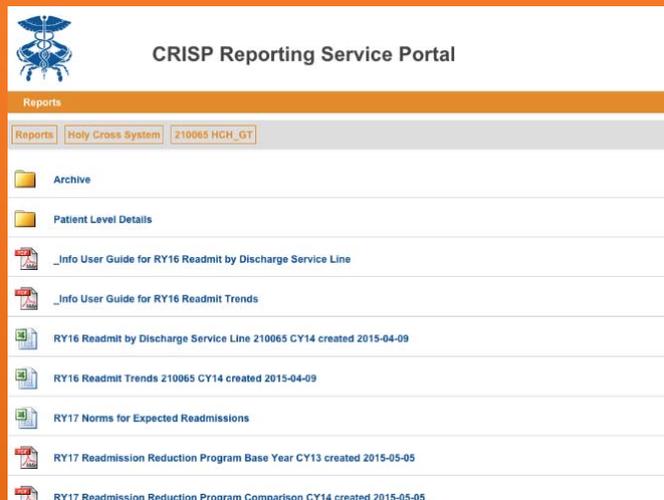
- Reporting and analytic tools to support patient identification, care coordination, and performance measurement



CRISP Methods for Reporting

Portal

- Internet-based
- Distributes static reports, includes archived reports
- Evolved from emailing users
- In use for over 3 years
- Patient-level data
- Target audience: Hospital Admin



Dashboards

- Internet-based
- Separate entry point from Portal, shared credentialing
- Aggregated data and patient level data for care coordination
- Portals for Hospitals, Ambulatory Providers, and Populations

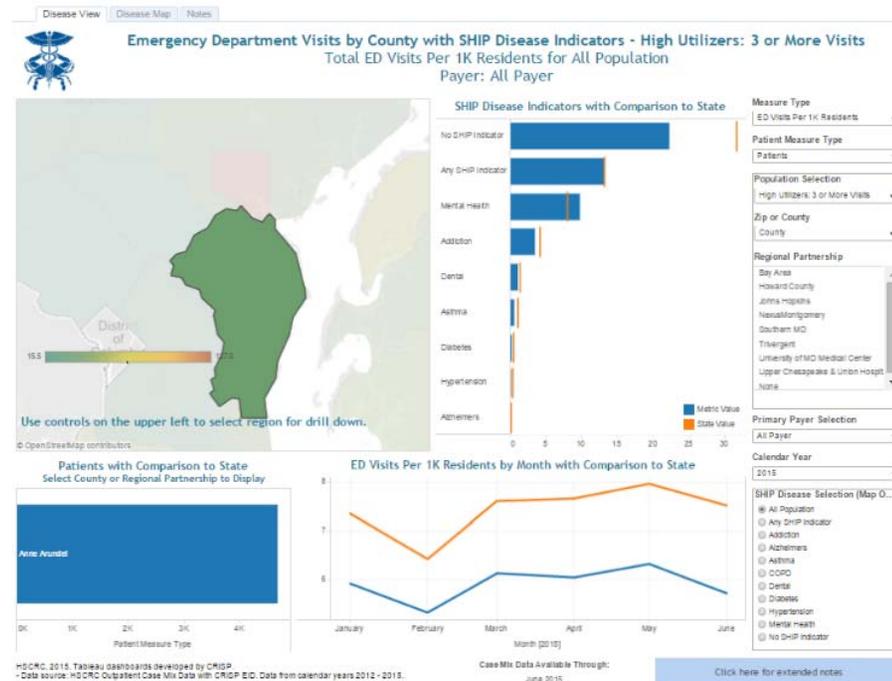




New Reporting and Analytics Tools

- The CRS team is enhancing the care network infrastructure for reporting and analytics
- Developing tools and information to support:

1. High-Risk Patient Identification
2. Regional Coordination and Planning
3. Performance Measurement





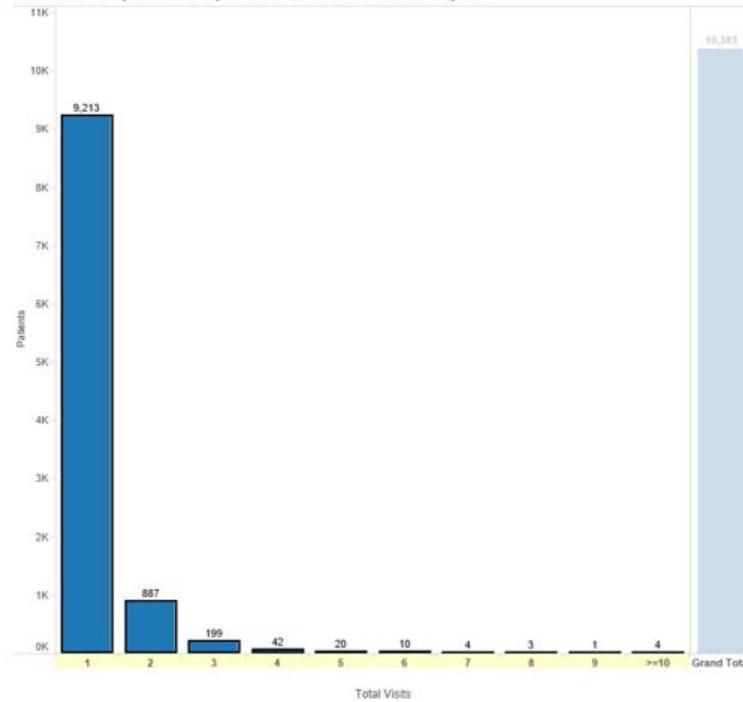
PaTH Summary View



Patient Total Hospitalizations Summary - Patients by Number of Visits All Population

Last 3 Months Patients by Total Number of Visits

Select one or multiple bars from top to bottom to view total visits at all hospitals



Hospital Name

Time Period
Last 3 Months

Total Charges
All values

Total Visits
All values

Readmissions
All values

Ambulatory ER Visits
All values

Bedded Care (IP + Obv) >=24 hrs
All values

MRN

Zip on Recent Visit

Primary Payer
All

Secondary Payer
Multiple Values

Age Group
All

High Utilizers
Across All Hospitals
All Population

Conditions

Chronic

- Asthma All
- COPD All
- Chronic Kidney Disease All
- Diabetes All
- Heart Failure All
- Hypertipidemia All
- Hypertension All
- Mental Health
 - Alzheimers/Other Dementia All
- Depression All
- Oncology
 - Colorectal Cancer All
 - Endometrial Cancer All
 - Female/Male Breast Cancer All
 - Lung Cancer All
 - Prostate Cancer All
- Other
 - Anemia All
 - Atrial Fibrillation All
 - Hip/Pelvic Fracture All
 - Ischemic Heart Disease All
 - Osteoporosis All
 - Stroke/Transient Ischemic Attack All

Last 3 Months Total Visits and Charges Across All Hospitals



HSCRC, 2015. Tableau dashboards developed by CRISP
- Data source: HSCRC Inpatient and Outpatient Case Mix Data with CRISP EID. Data from calendar years 2014 - 2015.

Case Mix Data Through
June 2015

[Click here for extended notes](#)

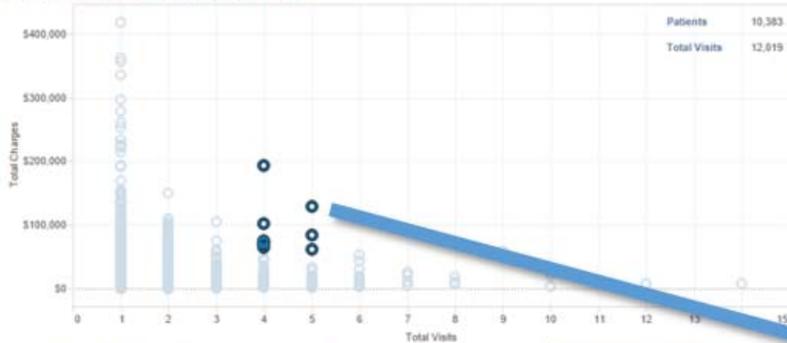


PaTH Patient-Level Details



Patent Total Hospitalizations Dashboard - Patients by Visits and Charges All Population

Last 3 Months Patients by Visits and Charges
Select one or more bubbles to view patient details



Hospital Name

Time Period
Last 3 Months

Utilization

- Total Charges All values
- Total Visits All values
- Readmissions All values
- Ambulatory ER Visits All values
- Days in Hospital (IP + Obs) >= 24 hrs All values
- MRN
- Zip Recent
- Primary Payer All
- Secondary Payer Multiple Values
- Age Group All
- High Utilizers Across All Hospitals All Population

Conditions

- Chronic
 - Asthma All
 - COPD All
 - Chronic Kidney Disease All
 - Diabetes All
 - Heart Failure All
 - Hyperlipidemia All
 - Hypertension All
- Mental Health
 - Alzheimers/Other Dementia All
 - Depression All
- Oncology
 - Colorectal Cancer All
 - Endometrial Cancer All
 - Female/Male Breast Cancer All
 - Lung Cancer All
 - Prostate Cancer All
- Other
 - Anemia All
 - Atrial Fibrillation All
 - Hip/Pelvic Fracture All
 - Ischemic Heart Disease All
 - Osteoporosis All
 - Stroke/Transient Ischemic Attack All

Last 12 Months Patient Details:

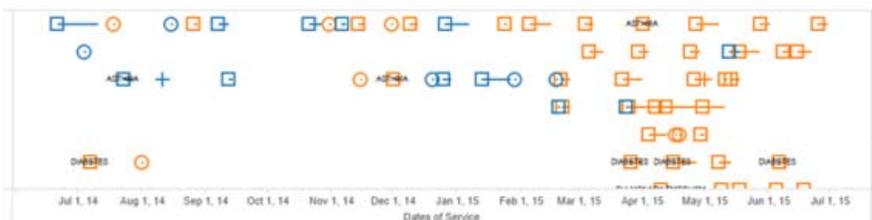
EID	Current Hospital							All Hospitals Total		
	Total Charges	Total Visits	Visits IP	Visits OBV	Visits ER	Bedded Care	Age	Total Charges	Total Visits	Total Hospitals
\$158,466	13	10	0	3	10	50		\$253,788	19	2
\$157,889	6	6	0	0	6	72		\$167,893	8	2
\$86,795	8	6	1	1	7	53		\$147,757	16	3
\$78,282	5	5	0	0	5	57		\$86,052	7	2
\$70,551	4	2	0	2	2	23		\$70,551	4	1
\$82,009	6	5	0	1	5	58		\$82,009	6	1
\$83,505	5	5	0	0	5	29		\$83,505	5	1
\$192,912	4	3	0	1	3	24		\$358,551	6	2
\$102,064	4	3	0	1	3	25		\$102,064	4	1

Patient Total Hospitalizations - Patient Detail Sorted by Admit Date
Inpatient, Observation, and Emergency Department Services at All Hospitals

Hover over More link on the right to view diagnoses description

IP	IP Re	DRG	DRG Description	SOI	Dx1Description	Dx1	Dx2	Dx3	Dx4	More
1	Yes	141	ASTHMA	2	"ASTHMA W/ACUTE EXACERBATION (Begin 2008)"	49392	V482	Z4900	V8542	More
1	Yes	148	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	3	"ASTHMA W/ACUTE EXACERBATION (Begin 2008)"	49322	V146	V141	V1587	More
1	Yes	141	ASTHMA	2	"ASTHMA W/ACUTE EXACERBATION (Begin 2008)"	49392	4290	V85	25000	More
1	Yes	720	SEPTICEMIA & DISSEMINATED INFECTIONS	2	"STAPH SEPTICEMIA, UNSPEC (Begin 1987)"	61810	486	49320	78902	More
1	Yes	148	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	4	"CH OB ASTHMA W/STAT ASTH (Begin 1988)"	49321	5849	4821	9341	More
1	Yes	347	OTHER BACK & NECK DISORDERS, FRACTURES & INJURIES	2	"PATH FX/VERTEBRAE (Begin 1993)"	73113	4280	V85	2768	More
1	Yes	721	POST-OPERATIVE POST-TRAUMATIC, OTHER	4	"INFECT DT CENT VEN CATH (Begin 2007)"	99921	51881	5845	2762	More
1	Yes	248	NONBACTERIAL GASTROENTERITIS, NAUSEA & VOMITING	3	"INFECTIOUS ENTERITIS NOS"	0090	4280	V85	73113	More
1	Yes	148	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	3	"CH OB ASTHMA W/ACUTE EXACERBATION (Begin 2009)"	49322	4280	V462	8054	More
1	Yes	148	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	3	"CH OB ASTHMA W/ACUTE EXACERBATION (Begin 2009)"	49322	51881	4280	27801	More

Last 12 Months Patient Hospital Utilization Timeline Across All Hospitals
Select EID to view hospitalizations details



HSCRC, 2015. Tableau dashboards developed by CRISP.
Data source: HSCRC Inpatient and Outpatient Case Mix Data with CRISP EID. Data from calendar years 2014 - 2015.

[Click here for extended notes](#)



Medicare High Utilizers

Purpose is to allow hospitals to view Medicare high utilizers of inpatient services and gather enough information to make care management decisions

- High utilizer = 3 or more bedded care admissions (IP and Obs >24hrs) in 12 months
- Information included: hospitals visited, dates, subscribed panels, utilization counts, chronic conditions



Patient Total Hospitalizations Dashboard - High Utilizer Medicare FFS High Utilizers During the Last 12 Months

Hospital Name
March 2015 - February 2016

Hospital MRN Hospital1 Hospital2 Hospital3 Most Recent Hospital Discharge Date of Most Recent Discharge Panel Affiliation1 Panel Affiliation2 IP, OBV, ED Charges IP Visits OBV Visits ED Visits All Hospital IP, OBV, ... All Hospital IP Visits OB

Hospital Name
Hospital Name

Total Patients
925

Utilization at Current Hospital

IP Visits
All values

IP, OBV, ED Charges
All values

Utilization at All MD Acute Hospitals

of Chronic Conditions
All values

of Hospitals with Disc..
All values

IP Visits
All values

Readmissions
All values

IP, OBV, ED Charges
All values

Panel Status
All

Panels

Case Mix Data Through:
February 2016

Headers in Medicare High Utilizers Report				
Hospital MRN	Hospital1	Hospital2	Hospital3	Most Recent Hospital Discharge
Date of Most Recent Discharge	Panel Affiliation1	Panel Affiliation2	IP, OBV, ED Charges	IP Visits
OBV Visits	ED Visits	All Hospital IP, OBV, ED Visits	All Hospital IP Visits	All Hospital OBV Visits
All Hospital ED Visits	All Hospital Re-admissions	Count of Hospital with Discharges	Number of Panels	Number of Chronic Conditions



Key Metrics Sample

HSCRC Key Metrics

Hospital

Time Frame

Custom Date Range

MHA Region:

Start Time

End Time

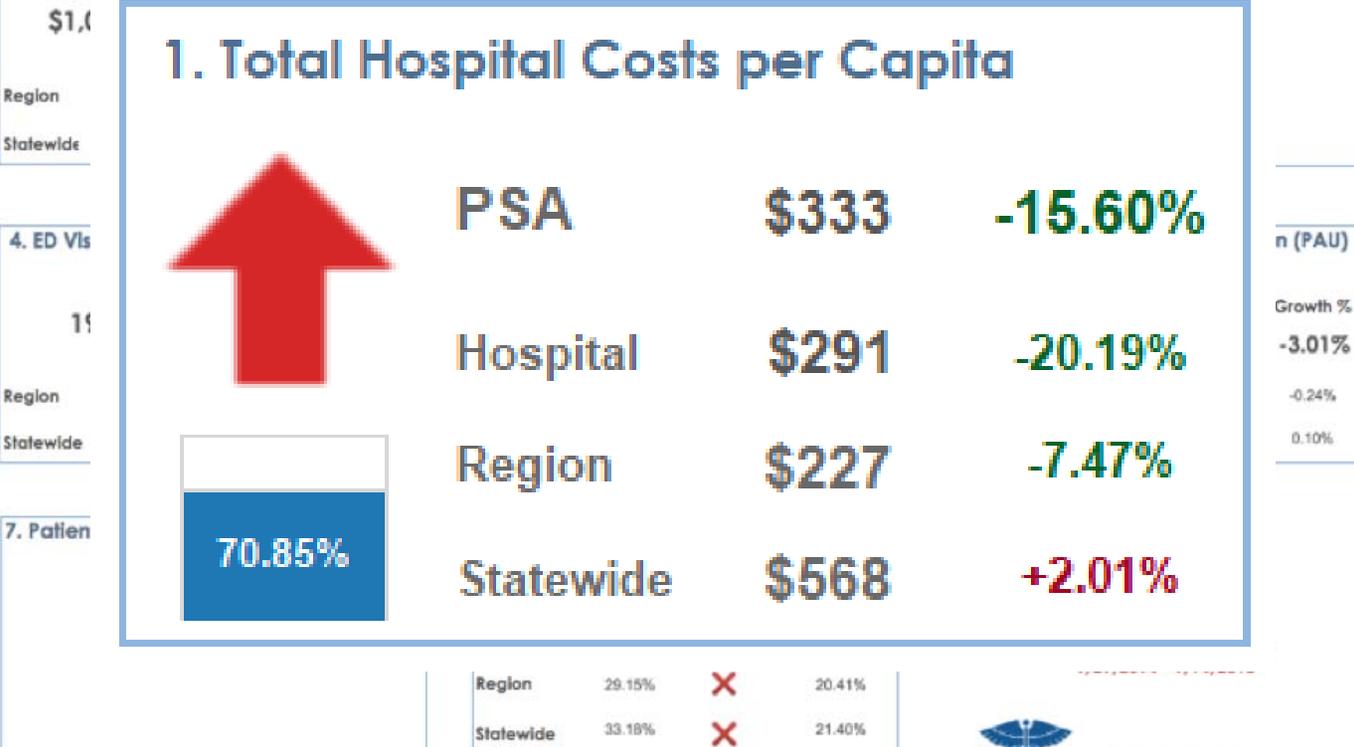
01/15/2015

12/31/2015

1. Total Hospital Costs per Capita

2. Total Hospital Discharges per 1000

3. Total Health Care Cost



Data Available 1/1/2014 - 2/29/2016



CRISP Reporting Services



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