

STATEWIDE INTEGRATED HEALTH IMPROVEMENT STRATEGY (SIHIS): SIHIS DIRECTIONAL INDICATORS REPORT USER GUIDE

User Guide 2.1

July 29, 2022



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1 BACKGROUND & INTRODUCTION

In 2019, the State of Maryland collaborated with the Center for Medicare and Medicaid Innovation (CMMI) to establish the domains of health care quality and delivery that the State could impact under the Total Cost of Care (TCOC) Model. The collaboration also included an agreed upon process and timeline by which the State would submit proposed goals, measures, milestones, and targets to CMMI. As a result of the collaboration with CMMI, the State entered into a Memorandum of Understanding (MOU) that required Maryland to provide a proposal for the Statewide Integrated Health Improvement Strategy (SIHIS) to CMMI by December 31, 2020. The SIHIS aligns statewide efforts across three domains that are interrelated and, if addressed successfully, have the potential to make significant improvement in not just Maryland's healthcare system, but in the health outcomes of Marylanders. CMMI approved the State's SIHIS proposal in March 2021

SIHIS contains five goals across three domains. The domains and associated goals are presented in the figure below. Each goal has a baseline measured on 2018 data, an interim target that will be measured on CY 2023 data, and a final target that will be measured on CY 2026 data.

Domain Area	Goal(s)
Domain 1 – Hospital Quality	Reduce avoidable admissions and readmissions
Domain 2 – Care Transformation Across the System	Increase the amount of Medicare TCOC or number of Medicare beneficiaries under Care Transformation Initiatives (CTIs), Care Redesign Program, or successor payment model Improve care coordination for patients with chronic conditions
Domain 3 – Total Population Health "Diabetes"	Reduce the mean Body Mass Index (BMI) for adult Maryland residents
Domain 3 - Total Population Health "Opioid Use Disorder"	Improve overdose mortality
Domain 3 - Total Population Health "Maternal and Child Health"	Reduce severe maternal morbidity rate Decrease asthma-related emergency department visit rates for ages 2-17

Many of the data sources used for official SIHIS monitoring are calculated annually on delayed data sources. Therefore, when needed, CRISP and hMetrix partnered together with HSCRC and MDH to develop a series of reports using proxy measures and available data sources. As such, this reporting suite is referred to as "directional indicators" for the SIHIS measures.

The SIHIS Directional Indicator reports include either proxy or actual measures for all of the SIHIS goals. The SIHIS reporting suite has separate modules for each domain: Hospital Quality; Care Transformation across the System; and Population Health.

1.1 Software Requirements

The SIHIS reports are available through a web-based application accessible using a modern browser: Google Chrome 57 or higher, Internet Explorer 11 or higher, Firefox 52 or higher, and Safari 9 or higher.

1.2 Launching SIHIS Reports

To access the SIHIS reports, a user must first login to the CRISP Hospital Reporting Portal. Once in the portal, the user shall click the Card labeled "Public Health." The following screen shots represent the user's workflow.

Step 1: Log into the CRISP Hospital Reporting Portal using the user id and password provided for the portal - <u>https://reports.crisphealth.org/</u>

Lo	g in to CRISP Reporting Services (CRS) Portal	2
E	mail	
- 20	Next set your password? Warning: CRISP policy prohibits username and password sharing Violation could result in account termination.	
	tions or Concerns? Please contact the <u>CRISP Customer Care Team</u> oport@crisphealth.org or 877-952-7477.	_
© hMe	etrix powered by hMe	a faire
p.10		eurx
	ng in to CRISP Reporting Services (CRS) Portal	etrix
F	bg in to CRISP Reporting Services (CRS) Portal	
Re	Password Logn set your password? Warning: CRISP policy prohibits username and password sharing.	

Step 2: Click the Card named "Public Health" within the Portal



Step 3: After clicking the card, users will see a menu with links to various Public Health reports. From this menu, select "SIHIS."

Step 4: Upon selecting SIHIS, users can then navigate to the SIHIS Directional Indicators report.

Reports 🛠	SIHIS	Navigate to report (in new browser tab)
SIHIS	opulation Health Directional Indicators	لمَن الم
Select to review r	eport options	

Step 5: Once the reporting suite opens, users can access reports across all domains using the left-side menu.

2 CARE TRANSFORMATION ACROSS THE SYSTEM

The Care Transformation Across the System module of the SIHIS Directional Indicators reports includes reporting for the following measures:

- 1. Medicare TCOC or beneficiaries under Care Transformation Program
- 2. Care coordination for patients with chronic conditions (timely follow-up after discharge)

In this section, we present the construct of the formal measure.

2.1 Care Transformation: Total Cost of Care

A description of the formal measure is presented in the table below.

Element	Formal Measure		
Measure	Increase amount of Medicare TCOC or number of Medicare beneficiaries under Care		
	Transformation Initiatives (CTIs), Care Redesign Programs, or successor payment		
	models.		
Comparison/Trend	Medicare payments and count of Medicare FFS beneficiaries enrolled in Care		
	Transformation Initiatives (CTIs), Care Redesign Programs, or successor payment		
	models compared to measure targets. Annual measure whereas completed calendar		
	year is compared to measure targets.		
Data Sources (Numerator	Medicare Claim and Claim Line Feed data (CCLF)		
& Denominator)			
Time Period for Baseline	Statewide as of December 31, 2018		
Time Period for	Updated monthly for the full calendar year		
Measurement Period			
Population	Maryland Medicare FFS beneficiaries		

2.1.1 Care Transformation Total Cost of Care Report Design and Function

The Total Cost of Care report is designed with the following features:

- 1. An introduction to the formal measure
- 2. Key findings related to overall measure performance and current racial/ethnicity disparities across the State
- 3. Tabular and graphic depiction of measure performance over time by year. Chart x-axis shows one calendar year (January through December); chart lines allow for comparison of performance year over year by selecting years of interest from drop down. Chart can be shown in counts (beneficiaries or dollars) or rates (percent of total beneficiaries of dollars)
- 4. Tabular and graphic depiction of measure performance by year, race/ethnicity.
- 5. Ability to print the report to PDF for distribution outside of the application
- 6. The figure below highlights key aspects of the report.

Care Transformation Across the System

Introduction: Introduction to formal SIHIS measure

The official SIHIS measure aims to capture the percent of Maryland's fee for service beneficiaries and total cost of care (TCOC) covered by statewide care transformation programs. These programs include Care Transformation Initiatives (CTIs), Care Redesign Programs (ECIP, EQIP), or any successor payment models as they are developed. Maryland's success in the measure is defined as exceeding the measures target

This report aligns with the specifications of the formal SIHIS measure.

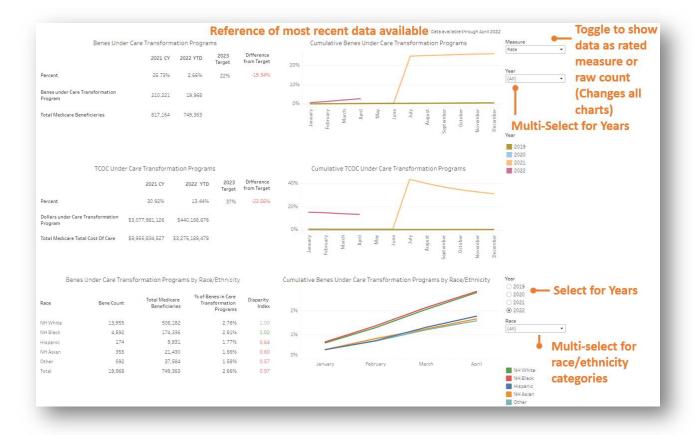
Refer to the User Guide for information about the data sources, parameters, and condition-specific follow-up timeframes for this measure.

Reported Measure: Lefinition of reported measure presented in this report

The proportion of Medicare fee for service beneficiaries enrolled in a care transformation program and their associated total cost of care.

Key Findings: Key Findings based on the overall state • Maryland has enrolled 2.66% of its Medicare fee-for-service beneficieries in a Care Transformation Program year to date. This is -19.34% percentage points below the 2023 target of 22%. • Beneficieries enrolled in a Care Transformation Program account for 6.72% of Maryland's Medicare Total Cost of Care year to date. This is 30.28% percentage points below the 2023 target of 37%. • By Race/Ethnicity, 1,58% of Other are enrolled in a Care Transformation Program, which is the lowest proportion among all race/ethnicities

Some Care Redesign programs allow for panel-based episodes that begin on the first day of the performance period. Therefore, all beneficiaries included in these panel-based episodes will be included in January or July (depending on whether the program runs on a calendar or fiscal year basis), the first month of each new performance period, and will produce significant spikes in enrollment. As measures are calculated on a calendar year to date basis, state performance is understated until July data are available.



2.2 Care Transformation: Timely Follow Up After Discharge

Element	Formal Measure				
Measure	Timely follow up (within the timeframe recommended by clinical practice guidelines)				
	after an acute exacerbation of chronic conditions ¹				
	• Acute exacerbation is defined as an emergency Room [ED], observation hospital				
	stay or inpatient hospital stay				
	• Chronic conditions include hypertension, asthma, heart failure (HF), coronary				
	artery disease (CAD), chronic obstructive pulmonary disease (COPD), or diabetes				
Comparison/Trend	Change in rate from 2018 baseline compared to national measure targets				
Data Sources (Numerator	Medicare Claim and Claim Line Feed data (CCLF)				
& Denominator)					
Time Period for Baseline	Statewide cumulative annual average timely follow-up rate across all conditions as of				
	December 31, 2018				
Time Period for	Updated annually for the full calendar year				
Measurement Period					
Population	Maryland Medicare beneficiaries with an inpatient admission, ER visit or observation				
	hospital stay for an acute exacerbation of one of the chronic conditions of interest.				

A description of the formal measure is presented in the table below.

The recommended follow-up times following an acute exacerbation of an event are:

Chronic Condition	Recommended Follow-up after Discharge
Hypertension	7 days
Asthma	14 days
Heart Failure	14 days
Coronary Artery Disease	14 days
Chronic Obstructive Pulmonary Disease	30 days
Diabetes	30 days

The Timely Follow Up After Discharge measure was developed according to a health plan measure designed by IMPAQ International on behalf of CMS. According to IMPAQ specifications, acute events for which the calendar year ends before the follow-up window ends are excluded from the measure.

More detail on the measure specifications can be found here: https://impaqint.com/measure-information-timely-follow-after-acute-exacerbations-chronic-conditions

2.2.1 Care Transformation Timely Follow-Up Report Design and Function

¹ Final Recommendation for QBR Policy, from which the measure is developed:

 $https://hscrc.maryland.gov/Documents/Quality_Documents/QBR/RY2023/QBR%20RY23\%20FINAL\%2020-12-02\%20FINAL\%20Final_\%20For\%20Web.pdf$

The Timely Follow-Up report is designed with the following features:

- 1. An introduction to the formal measure
- 2. Key findings related to overall measure performance and current racial/ethnicity disparities across the State
- 3. Tabular and graphic depiction of measure performance over time in total and by chronic condition, by hospital or for the state overall
- 4. Tabular and graphic depiction of measure performance in total by race/ethnicity.
- 5. Ability to print the report to PDF for distribution outside of the application

The figure below highlights key aspects of the report.

Introduction to formal SIHIS measure

Timely Follow-up

Introduction

The official SIHIS measure aims to capture the rate in which outpatient follow-up is received following emergency department visits, observation stays, and inpatient admissions. This measure includes specific chronic conditions, each with their own recommended timeframe for follow-up.

HSCRC will be conducting the final measure assessment. Therefore, while this report attempts to track the official SIHIS measure, the results presented in this report may differ from the official SIHIS measure performance. Refer to the User Guide for information about the data sources, parameters, and condition-specific follow-up timeframes for this measure. Definition of proxy/reported measure presented in this report Reported Measure:

The rate in which outpatient follow-up is received following emergency department visits, observation stays, and inpatient admissions, as reported in the Claim and Claim Line Feed (CCLF) data. Maryland's success in the measure is defined as meeting milestones based on the national follow-up rate.

Key Findings: Key findings based on the overall state, regardless of hospital selection

Across all conditions, Maryland has a follow-up rate of 70.18% which is 3.0% lower than the 2023 target rate of 73.16%.
 Diabetes has the highest follow up rate of 80.88%, while Hypertension has the lowest follow up rate of 55.56%.

• By Race/Ethnicity across all conditions, NH Black has the lowest follow-up rate which is 64.41%. This is 9.32% lower than the Non-Hispanic White population

SIHIS Directional Indicator Dashboard

ospital (All)								•	Count	
Time	ly Follow-u	p Rate Cor	mpared to 2	2023 Targ	jet			Timely Follow-up For Rolling 12 Month	Admission Count	Toggle to show
		Baseline	Most Recent Mor	: 12 202 hths	23 Target	Difference From Target	40,000		Follow up count	data as rated measure or raw
ollow Up Rate		70.85%	69.9	3496	73.16%	-3.2%	30,000			count (Changes
Number of Follow Up		31,289	21	483			20,000			top two charts)
ligible Discharges		44,161	30,	716			10,000			top two charts
Statewide Follow-up Rat		70.85%	69.9	94%	73.16%	-3.2%	0	February 2018 April 2018 June 2018 June 2018 Cot observing 2018 February 2019 April 2019 June 2019 June 2019 June 2010 June 2010 June 2020 June 20		
Timely Fo	llow-up Ra	te by Cond	ition Most	Recent 1	2 Months			Timely Follow-up For Rolling 12 Month by Condition	Condition (All)	
	Asthma	COPD	Coronary Artery Disease	Diabetes	Hear Failur		40,000			Multi-select for
ollow Up Rate	58.56%	77.64%	73.63%	80.14%	71.68	% 55.79%	20,000			conditions
Number of Follow Up	934	3,573	4,715	3,354	5,12	2 3,785	0			
ligible Discharges	1,595	4,602	6,404	4,185	7,14	6 6,784		ruary 2018 June 2018 June 2018 cobe 2018 mber 2018 mber 2018 June 2019 June 2019 June 2019 June 2019 June 2020 June		
Statewide Follow Up Rat	s 58.56%	77.64%	73.63%	80.14%	71.68	% 55.79%		February 2018 April 2018 June 2018 Augura 2018 October 2018 February 2019 June 2020 Get ober 2029 February 2020 February 2020 February 2020 Augura 2020 February 2020 Febr		
Timely Follow-up Ra	ate by Cond	ition Most Disparit		Months :	Race/Eth	nicity and	0.8		Race/Ethnicity (All)	•
Race 2	018 Baseline	Follow U Rat			Eligible scharges	Disparity Index	0.6 0.4			Multi-select for race/ethnicity
NH White	75.17%	73.56	96 13	,128	17,846	1.00	0.2	0	Race	categories
NH Black	64.44%	64.18	196 7	,243	11,285	0.87	0.0		NH White	Caregones
Hispanic	67.07%	68.45	96	230	336	0.93		Fabruary 2018 April 2018 Nume 2018 October 2018 October 2018 Price 2018 Price 2018 Price 2018 Price 2018 Price 2018 Price 2018 October 2018 October 2018 October 2018 October 2018 Driver	Hispanic	
NH Asian	70.01%	69.55		306	440	0.95		uary June igust June June June April June ober uary April June	NH Asian	
NH Other	72.73%	71.20	196	576	809	0.97		February 2018 April 2018 June 2018 October 2018 December 2018 February 2010 June 2019 April 2019 April 2019 April 2019 October 2018 April 2019 April 2019	NH Other	
Statewide Total	70.85%	69.94	496 21	,483	30,716	1.0				

Each report allows for printing the current view of the report to a PDF document.

i Help	🚨 hMetrix, Admin 🗭 Logout
	Print to PDF - Print

3 POPULATION HEALTH

The Population Health module of the SIHIS reports includes reporting for the following measures within the Population Health Domain:

- 1. Opioid Use Disorder
- 2. Diabetes
- 3. Maternal and Child Health

3.1 Comparison of Formal SIHIS and Proxy Measures

Due to data availability, CRISP is not able to present results for all of the Population Health formal measures. In these instances, CRISP worked with the HSCRC and MDH content leads to identify proxy measures that would suggest directional performance for the formal SIHIS measure. In this section, we present the construct of the formal measure, as well as the proxy measure presented in these Population Health reports.

3.1.1 Opioid Use Disorder Domain: Overdose Fatalities

A comparison of the formal and proxy measure is presented in the table below. For purpose of this measure, mortality and fatality is used interchangeably.

Element	Formal Measure	Proxy Measure
Measure	 Drug overdose mortality rate per 	• Drug overdose fatality rate per 100,000
	100,000 Maryland Residents	Maryland Residents
	 Age-adjusted 	 Not age-adjusted
	 Includes all drugs/substances 	 Includes all drugs/substances
Comparison/Trend	Change in rate from 2018 baseline	Change in rate from 2018 baseline
	compared to cohort of states with similar	compared to national change from 2018
	mortality rates and demographics. As of	baseline
	report release, the methodology for	
	identifying and quantifying the overdose	
	fatality rate for the comparison states is not	
	available.	
Data Sources	Maryland & Cohort: National Vital Statistics	Maryland: Office of the Chief Medical
Numerator	System, available through Center for	Examiner (OCME) Enhanced Data
	Disease Control (CDC) Wonder Database ²	Nation: National Vital Statistics Rapid
		Release Provisional Data ³
Data Sources	Maryland & Cohort: ⁴	Maryland: MD Department of Planning
Denominator		Maryland population estimates ⁵

² <u>https://www.cdc.gov/drugoverdose/deaths/2019.html</u>

³ https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm

⁴ <u>https://www.cdc.gov/drugoverdose/deaths/2019.html</u>

⁵ <u>https://planning.maryland.gov/MSDC/Pages/pop_estimate/CensPopEst.aspx</u>

SIHIS Directional Indicator Dashboard

Element	Formal Measure	Proxy Measure
Time Period for	Maryland & Cohort: 12-month rolling	Maryland & Nation: 12-month rolling
Baseline	average as of December 31, 2018	average as of December 31, 2018
Time Period for	Maryland & Cohort: Updated annually,	Maryland: Updated monthly, approximately
Measurement	approximately a 2-year delay in reporting	2-month delay in reporting
Period		Nation: Updated monthly, approximately 7-
		month delay in reporting
Population	Residents of Maryland	Deaths that occurred in Maryland
		regardless of residency

3.1.2 Diabetes Domain: Diabetes Prevention Recognition Program (DPRP)

Element	Formal Measure	Proxy Measure
Measure	Reduction in mean body mass index (BMI)	Cumulative enrollment of adult Maryland
	for adult Maryland residents	residents in diabetes prevention
		recognition programs
Comparison/Trend	Change in rate from 2018 baseline	Change in cumulative enrollment from 2018
	compared to cohort of states. As of report	baseline compared to national change from
	release, the methodology for identifying	2018 baseline
	and quantifying the overdose fatality rate	
	for the comparison states is not available	
Data Sources	Maryland & Cohort: Behavioral Risk Factor	Maryland & Nation: Centers for Disease
Numerator	Surveillance Survey (BRFSS) ⁶	Control (CDC) programmatic data
Data Sources	Maryland & Cohort: Behavioral Risk Factor	Maryland & Nation: MD Department of
Denominator	Surveillance Survey (BRFSS)	Planning Maryland population estimates for
		ages 18 and over ⁷
		Estimate of individuals with pre-diabetes
		based on Maryland Diabetes Action Plan
		(34% of adult population) ⁸
Time Period for	Maryland & Cohort: Statewide average BMI	Maryland & Nation: Cumulative enrollment
Baseline	for 12-month rolling average as of	as of December 31, 2018
	December 31, 2018	
Time Period for	Maryland & Cohort: Updated annually,	Maryland & Nation: Updated quarterly,
Measurement	approximately 18-month delay in reporting	approximately 1-month delay in reporting
Period		
Population	Maryland residents over 18 years old	Maryland residents over 18 years old with
		pre-diabetes

A comparison of the formal and proxy measure is presented in the table below.

⁶ <u>https://www.cdc.gov/brfss/annual_data/annual_2020.html</u>

⁷ <u>https://planning.maryland.gov/MSDC/Pages/pop_estimate/CensPopEst.aspx</u>

⁸ <u>https://health.maryland.gov/phpa/ccdpc/Documents/Diabetes%20Action%20Plan%20documents/Diabetes%20Action%20Plan%20June%201%202020.pdf</u>

3.1.3 Maternal and Child Health: Severe Maternal Morbidity Hospitalizations

A description of the formal measure is presented in the table below. As the Case Mix data is readily available and updated, the results presented for this measure are consistent with the formal measure.

Element	Formal Measure
Measure	Severe maternal morbidity (SMM) rate per 10,000 delivery hospitalizations for
	women ages 12-55 years old
Comparison/Trend	Rate of SMM delivery hospitalizations compared to measure targets
Data Sources Numerator	HSCRC Case Mix Data; SMM indicators based on guidance from the Alliance for
	Innovation on Maternal Health ⁹ and Federal Available Data logic; includes Blood
	Transfusions ¹⁰
Data Sources Denominator	HSCRC Case Mix Data; Delivery hospitalization indicators based on guidance from
	Federally Available Data Logic
Time Period for Baseline	Statewide average annual rate of SMM hospitalizations as of December 31, 2018
Time Period for	Statewide average rate of SMM hospitalizations for the most recent rolling 12
Measurement Period	months
Population	Maryland residents ages 12-55 with a delivery hospitalization

3.1.4 Maternal and Child Health: Childhood Asthma-Related ED visits

A description of the formal measure is presented in the table below. As the Case Mix data is readily available and updated, the results for this measure are consistent with the formal measure.

Element	Formal Measure
Measure	Childhood asthma-related emergency department visits per 1,000 children ages 2 –
	17 years old
Comparison/Trend	Rate of asthma-related emergency department visits compared to measure targets
Data Sources Numerator	HSCRC Case Mix Data; Asthma defined according to AHRQ CCS category
Data Sources Denominator	MD Department of Planning Maryland population estimates for ages 2 - 17 ¹¹
Time Period for Baseline	Statewide average annual rate of childhood asthma-related emergency
	department visits as of December 31, 2018
Time Period for	Statewide average rate of childhood asthma-related emergency department visits
Measurement Period	for the most recent rolling 12 months
Population	Maryland residents ages 2-17

⁹ https://safehealthcareforeverywoman.org/aim/resources/aim-data-resources/

¹⁰ https://mchb.tvisdata.hrsa.gov/uploadedfiles/TvisWebReports/Documents/FADResourceDocument.pdf

¹¹ https://planning.maryland.gov/MSDC/Pages/pop_estimate/CensPopEst.aspx

3.2 Report Design and Function

All reports in this reporting suite are designed with a consistent format and design. Each Population Health report contains:

- 1. An introduction to the formal and proxy measure
- 2. Key findings related to overall measure performance and current racial/ethnicity disparities
- 3. Tabular and graphic depiction of overall performance over time as well as performance by race/ethnicity
- 4. Ability to print the report to PDF for distribution outside of the application

The figure below highlights key aspects of the reports, using the Diabetes Domain as an example.



Change in Cumulative DPRP Enrollment Compared to National Average				Change in Cumulative DPRP Enrollment								Measure value Rate / 100 K Count 			
	2018 Baseline (A)	Most Recent Rolling 12 Months (B)	Percent Change (B-A/A)	National Comparison Change	400 200	_									Toggle to show data as
Rates per 100K	295.3	440.8	49.3%	74.3%	. 0	11	22	33	24	11	22	33	24	11	_🗟 rated measu
Total Count	4,735	7,077	49.5%	66.8%		2019 Q1	2019 Q2	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	$\frac{1}{100}_{100}$ or raw count
Change in Cumulative Race/Ethnicity		ent Rates pe ty Index Most Recent Rolling 12 Months (B)	Percent Change (B-A/A)	Disparity Index (Race: NH White)	2,000	Chang		unulau	IVE DP		onner	IL DY R	ace/El	hnicity	Multi-select 1 race/ethnicit categories Race/Ethnicity
IH White	276.2	382.5	38.5%	1.0	1,000										NH White
NH Black	359.0	541.8	50.9%	1.4											Hispanic
lispanic	122.5	200.3	63.6%	0.5		_									NH Asian*
IH Asian*	102.1	128.4	25.8%	0.3	0	_	01				01	~~~		_	Other
Other	1,267.4	2,557.5	101.8%	6.7		2019 Q1	9 0	9 0	2019 Q4	0 0	0 0	0 0	00	1 03	2021 Q2
	295.3	440.8	49.3%	1.2		201	2019 Q2	2019 Q3	201	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	202

Each report allows for printing the current view of the report to a PDF document.



Clicking Print when selecting "This View" will result in the below prompt. The default settings will create a PDF will all of the graphs and tables presented in the currently viewed report. Users can select "Specific sheets from this workbook" to download more than one report at a time. Click "Download" to generate the PDF.

This View		
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4 HOSPITAL QUALITY

The Hospital Quality module of the SIHIS reports includes reporting for the following measures within the Hospital Quality Domain:

- 1. Avoidable Admissions
- 2. Readmission rates

At the time of this release, reporting for readmission rates is not yet available.

4.1 Formal SIHIS Measures

In this section, we present the construct of the formal measure.

4.1.1 Hospital Quality: Reduce Avoidable Admissions

Element	Formal Measure
Measure	Avoidable admissions based on Risk-Adjusted PQI-90 Rates
Comparison/Trend	Change in rate from 2018 baseline compared to measure targets
Data Sources Numerator	HSCRC Case-Mix Data run through AHRQ PQI Software; Discharges for patients ages 18
	years and older that meet inclusion and exclusion rules for each of the specific PQI
	Admissions (observed PQIs)
Data Sources	HSCRC Case-Mix Data run through AHRQ PQI Software; Expected PQI admissions based
Denominator	on the Maryland population ages 18 years and older. The observed to expected ratio is
	multiplied by the national PQI rate to get risk-adjusted PQI rate.
Time Period for Baseline	Statewide average PQI rate as of December 31, 2018
Time Period for	Statewide average PQI rate for the most recent rolling 12 months
Measurement Period	
Population	All-Payer Maryland Residents 18 years or older admitted to Maryland hospitals

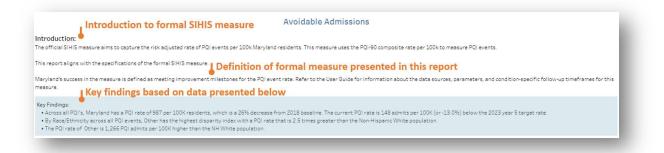
A description of the formal measure is presented in the table below.

4.2 Report Design and Function

All reports in this reporting suite are designed with a consistent format and design. Each Hospital Quality report contains:

- 1. An introduction to the formal and proxy measure
- 2. Key findings related to overall measure performance and current racial/ethnicity disparities
- 3. Tabular and graphic depiction of overall performance over time as well as performance by race/ethnicity
- 4. Ability to print the report to PDF for distribution outside of the application

The figures below highlight key aspects of the reports, using the Avoidable Admissions as an example.





Each report allows for printing the current view of the report to a PDF document.

