

Overview of the Hospital Value-Based Purchasing (VBP) Fiscal Year (FY) 2017

Bethany Wheeler Hospital VBP Program Support Contract Lead HSAG

> February 17, 2015 2 p.m. ET

Purpose

This event will provide an overview of the FY 2017 Hospital VBP Program including:

- Evaluation criteria for hospitals within each domain and measure
- · Eligibility requirements for the VBP Program
- Explanation of the scoring methodology used in the VBP Program

7/2015

Objectives

Participants will be able to:

- Identify how hospitals will be evaluated within each domain and measure
- Recall the eligibility requirements for the VBP Program
- Interpret the scoring methodology used in the VBP Program

2/17/2015

Hospital VBP Program Introduction

- Initially required by provisions in the Affordable Care Act and further defined in Section 1886(o) of the Social Security Act Quality
- Incentive program built on the Hospital Inpatient Quality Reporting (IQR) measure reporting infrastructure
- Based on the quality of care, not just quantity of the inpatient acute care services provided
- Funded by a 2.00% reduction from participating hospitals' base operating Diagnosis-Related Group (DRG) payments for FY 2017

Payments Witheld	FY 2013 1.00%	FY 2014 1.25%	FY 2015 1.50%	FY 2016 1.75%	P1 2017 2.00%	
2/17/2015					4	

Hospital VBP Program Eligibility

- Who is eligible for the program?
 - As defined in Social Security Act Section 1886(d)(1)(B), the program applies to subsection (d) hospitals located in the 50 states and the District of Columbia.
- Who is excluded from the Hospital VBP Program?
 - Hospitals and hospital units excluded from the Inpatient Prospective Payment System (IPPS)
 - Hospitals subject to payment reductions under the Hospital IQR Program
 - Hospitals cited for deficiencies during the performance period that pose immediate jeopardy to the health or safety of patients
 - Hospitals with less than the minimum number of domains calculated
 - Hospitals with an approved disaster/extraordinary circumstance exception specific to the Hospital VBP Program
- Short-term acute care hospitals in Maryland
 Hospitals excluded from the Hospital VBP Program will not have
 2.00% witheld from their base operating DRG payments in FY 2017.

FY 2017 Domain Weights and Measures **Domain Weights** Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Survey Clinical Care Clinical Care 25% 5% Proce Efficiency and Cost Reduction MSPB-1 20% Safety iency and C CLABSI CAUTI SSI: Colon & Abdominal Hysterectomy MRSA Infections* C-difficile Infections* AHRQ PSI-90 An asterisk (*) indicates a newly adopted measure for the Hospital VBP Program.

Domains and Measures/Dimensions Clinical Care - Process Domain Weights Measures AMI-7a: Fibrinolytic therapy received within 30 minutes of hospital arrival IMM-2: Influenza Immunization PC-01: Elective Delivery Prior to 39 Completed Weeks Gestation

Clinical Care - Process Subdomain Scoring Requirements A measure must have at least 10 eligible cases during the baseline period to have an improvement score calculated on the Percentage Payment Summary A measure must have at least 10 eligible cases during the performance period to have an achievement or improvement score calculated on the Percentage Payment Summary Report. The Clinical Care - Process subdomain requires at least 1 out of the 3 measures to be scored in order for the subdomain score to be included in the Total Performance Score (TPS) on the Percentage Payment Summary Report. AMI-7a IMM-2 PC-01 Clinical Care -(25 Cases) (9 Cases) (10 Cases) Process subdomain

Domains and Measures/Dimensions Clinical Care - Outcomes Domain Weights Measures Mort-30-AM: Acute Myocardial Infarction (AMI) 30-Day Mortality Rate Mort-30-Fr: Heart Failure (HF) 30-Day Mortality Rate Mort-30-Fr: Pneumonia (PN) 30-Day Mortality Rate Utilizes admissions for Medicare Fee-for-Service (FFS) beneficiaries aged >65 years discharged from subsection(d) and Maryland acute care hospitals having a principal discharged disposs for AMI. HF, or PN and meeting other measure inclusion criteria.

Clinical Care - Outcomes Subdomain Scoring Requirements

- A measure must have at least 25 eligible cases during the baseline period to have an improvement score calculated on the Percentage Payment Summary Report
- A measure must have at least 25 eligible cases during the performance period to have either an achievement or improvement score calculated on the Percentage Payment Summary Report.
- The Clinical Care Outcomes subdomain requires at least two out of the three measures to be scored in order for the subdomain score to be included in the TPS on the Percentage Payment Summary Report.

/	/	X
MORT- 30-AMI	MORT- 30-HF	MORT- 30-PN
(90 Cases)	(25 Cases)	(24 Cases)



Domains and Measures/Dimensions Clinical Care

Clinical Care Outcomes 25%

Domain Weights

Measures

Process subdomain:

AMI-7a IMM-2 PC-01

Outcomes subdomain:

MORT-30-AMI MORT-30-HF MORT-30-PN

2/17/2015

Scoring Requirements Clinical Care Domain

- A TPS requires scores from at least 3 out of the 4 domains in FY 2017.
- A hospital meeting the minimum cases in both or either of the Clinical Care subdomains outlined in the previous slides will be treated as meeting the minimum measures for the count of one domain.

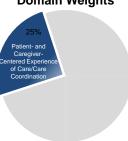
Clinical Care - Process	Clinical Care - Outcomes	Clinical Care Domain Count
~	~	1
V	×	1
×	/	1
×	×	0

"For purposes of the Clinical Care domain score, we (CMS) proposed to consider either the Clinical Care - Process or Clinical Care - Outcomes subdomains as one domain in order to meet this proposed requirement ... However we would only reweight hospitals' TPSs once and would therefore not reallocate the Clinical Care - Process and Clinical Care - Outcomes subdomains' weighting within the Clinical Care domain if a hospital does not have sufficient data for one of the subdomains."

FY 2015 IPPS Final Rule (79 FR 50084)

Domains and Measures/Dimensions Patient- and Caregiver-Centered Experience of Care/Care Coordination

Domain Weights



Measure

- **HCAHPS Dimensions:**
- · Communication with Nurses
- · Communication with Doctors
- · Responsiveness of Hospital Staff
- · Pain Management
- · Communication about Medicines
- · Cleanliness and Quietness of Hospital Environment
- Discharge Information
- Overall Rating of Hospital

Scoring Requirements Patient- and Caregiver-Centered Experience of Care/Care Coordination

- The Patient- and Caregiver-Centered Experience of Care/Care Coordination Domain requires at least **100 completed HCAHPS surveys** during the baseline period to have an improvement score calculated on the Percentage Payment Summary Report.
- The Patient- and Caregiver-Centered Experience of Care/Care Coordination Domain requires at least 100 completed HCAHPS surveys during the performance period to have either an achievement or improvement score calculated on the Percentage Payment Summary Report.
- The Patient- and Caregiver-Centered Experience of Care/Care Coordination Domain requires at least 100 completed HCAHPS surveys during the performance period for the domain score to be included in the TPS on the Percentage Payment Summary Report.







Patient- and Caregiver-Centered Experience of Care/Care Coordination Domain

Domains and Measures/ Dimensions Safety

Domain Weights

Measures

CLABSI: Central line-associated blood stream infections among adult, pediatric, and neonatal Intensive Care Unit (ICU) patients CAUTI: Catheter-associated urinary tract infections among adult and pediatric ICUs

SSI: Surgical site infections specific to abdominal hysterectomy and colon surgery MRSA: Methicillin-Resistant Staphylococcus aureus Bacteremia

CDI: Clostridium difficile Infection AHRQ PSI-90: Complication/patient safety for selected indicators (composite)

Scoring Requirements Safety: Healthcare Associated Infections (HAIs)

- A measure must have at least one predicted infection calculated by the Centers for Disease Control and Prevention (CDC) during the baseline period to have an improvement score calculated on the Percentage Payment Summary Report.
- A measure must have at least one predicted infection calculated by the CDC during the performance period to have either an achievement or improvement score calculated on the Percentage Payment Summary Report.

\	X
CLABSI (1.000 Predicted Infections)	CAUTI (0.000 Predicted Infections)
\	X
MRSA	CDI

2/17/2015

HAI Scoring Requirements Safety: SSI

- A stratum must have at least one predicted infection calculated by the CDC during the baseline period to have an improvement score calculated on the Percentage Payment Summary Report.
- A stratum must have at least one predicted infection calculated by the CDC during the performance period to have either an achievement or improvement score calculated on the Percentage Payment Summary Report.
- At least one stratum must have at least one predicted infection calculated by the CDC during the performance period to have a combined SSI measure score calculated on the Percentage Payment Summary Report.





7/2015

Domains and Measures/Dimensions Safety: Agency for Healthcare Research and Quality (AHRQ) PSI-90

- AHRQ PSI-90 is a Claims-Based Measure.
- It is a composite of eight underlying component patient safety indicators (PSIs) which are sets of indicators on potential in-hospital complications and adverse events during surgeries and procedures, including:
 - PSI 03 Pressure Ulcer Rate
 - PSI 06 latrogenic Pneumothorax Rate
 - PSI 07 Central Venous Catheter-Related Bloodstream Infection Rate
 - PSI 08 Postoperative Hip Fracture Rate
 - PSI 12 Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate
 - PSI 13 Postoperative Sepsis Rate
 - PSI 14 Postoperative Wound Dehiscence Rate
 - PSI 15 Accidental Puncture or Laceration Rate
- CMS announced the decision to use AHRQ QI Software version 4.5a for calculations in the FY 2017 Program.
- CMS will utilize nine Diagnosis codes and six Procedure codes.

/17/2015

18

Scoring Requirements Safety: AHRQ PSI-90 Composite

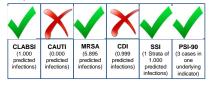
- The measure must have at least three eligible cases on any one underlying indicator during the baseline period to have an improvement score calculated on the Percentage Payment Summary Report.
- The measure must have at least three eligible cases on any one underlying indicator during the performance period to have either an achievement or improvement score calculated on the Percentage Payment Summary Report.

PSI	Number of Cases
PSI-03	(1111) V
PSI-06	1
PSI-07	11
PSI-08	
PSI-12	1
PSI-13	
PSI-14	1
PSI-15	

2/17/2015

Scoring Requirements Safety

The **Safety Domain r**equires at least **three of the six** measures to be scored in order for the domain score to be included in the TPS on the Percentage Payment Summary Report.



Safety Domain

.

Domains and Measures/Dimensions Efficiency and Cost Reduction

Domain Weights Efficiency and Cost Reduction 25%

Measure

MSPB: Medicare Spending per Beneficiary

- · Claims-Based Measure
- Includes risk-adjusted and price-standardized payments for Part A and Part B services provided three days prior to hospital admission through 30 days after hospital discharge

Scoring Requirements Efficiency and Cost Reduction

- The measure must have at least 25 eligible episodes of care during the baseline period to have an improvement score calculated on the Percentage Payment Summary Report.
- The measure must have at least 25 eligible episodes of care during the performance period to have either an improvement or achievement score calculated.
- The Efficiency and Cost Reduction Domain requires at least 25 eligible episodes of care during the performance period to be scored in order for the domain score to be included in the TPS on the Percentage Payment Summary Report.



2/17/2015

Baseline and Performance Periods FY 2017 Table

Domain	Subdomain/ Measure	Baseline Period	Performance Period
Clinical Care	Process	1/1/2013- 2/31/2013	1/1/2015–12/31/2015
	Outcomes	10/1/2010-6/30/2012	10/1/2013-6/30/2015
Patient- and Caregiver- Centered Experience of Care/Care Coordination	HCAHPS Survey	1/1/2013–12/31/2013	1/1/2015–12/31/2015
Safety	HAI Measures	1/1/2013-12/31/2013	1/1/2015–12/31/2015
	AHRQ PSI-90 Composite	10/1/2010-6/30/2012	10/1/2013-6/30/2015
Efficiency and Cost Reduction	MSPB	1/1/2013-12/31/2013	1/1/2015–12/31/2015

Baseline and Performance Periods FY 2017 Timeline



Evaluating Hospitals Performance Standards Figure #1 - Benchmark **Benchmark** Ho Threshold Average (mean) performance of the top ten percent of hospitals Figure #2 - Achievement Threshold **Achievement Threshold** Performance at the 50th percentile (median) of hospitals during the baseline period 50th Percentile

Evaluating Hospitals Higher Performance Rates A higher rate is better for the following measures/dimensions: **Clinical Care - Process** AMI-7a IMM-2 Benchmark **Clinical Care - Outcomes** (Average of the Best 10%) The 30-day Mortality Measures are Achievement reported as survival rates; Threshold therefore, higher values represent a better outcome. (50th Percentile) Patient- and Caregiver-Centered Experience of Care/Care Coordination **Dimensions (PCCEC/CC)**

Evaluating Hospitals Lower Performance Rates A lower rate is better for the following measures/dimensions: Achievement Threshold · Clinical Care - Process (50th Percentile) PC-01 Safety · Efficiency and Cost Reduction Benchmark Unlike other measures, the (Average of the Best 10%) Efficiency and Cost Reduction measure, MSPB, utilizes data from the performance period to calculate the benchmark and achievement threshold instead of data from the baseline period.

Evaluating Hospitals FY 2017 Performance Standards (1 of 2)

Domain	Measure	Benchmark	Achievement Threshold	Floor
011-11-11-0	AMI-7a	1.000000	0.954545	N/A
Clinical Care - Process	IMM-2	0.997739	0.951607	N/A
Flocess	PC-01	0.000000	0.031250	N/A
011-11-11-0	MORT-30-AMI	0.871669	0.851458	N/A
Clinical Care - Outcomes	MORT-30-HF	0.903985	0.881794	N/A
Outcomes	MORT-30-PN	0.908124	0.882986	N/A
	CLABSI	0.000000	0.457000	N/A
	CAUTI	0.000000	0.845000	N/A
	SSI - Colon	0.000000	0.751000	N/A
Safety	SSI – Abdominal Hysterectomy	0.000000	0.698000	N/A
	MRSA	0.000000	0.799000	N/A
	CDI	0.000000	0.750000	N/A
	PSI-90	0.547889*	0.777936*	N/A

Evaluating Hospitals FY 2017 Performance Standards (2 of 2)

Domain	Measure	Benchmark	Achievement Threshold	Floor
Efficiency and Cost Reduction	MSPB-1	Mean of the best (lowest) decile of MSPB ratios across all hospitals during the performance period	Median MSPB ratio across all hospitals during the performance period	N/A
	Communication with Nurses	86.61	78.19	58.14
Patient- and Caregiver- Centered Experience of Care/Care Coordination	Communication with Doctors	88.80	80.51	63.58
	Responsiveness of Hospital Staff	80.01	65.05	37.29
	Pain Management	78.33	70.28	49.53
	Communication about Medicines	73.36	62.88	41.42
	Cleanliness and Quietness of Hospital Environment	79.39	65.30	44.32
	Discharge Information	91.23	85.91	64.09
	Overall Rating of Hospital	84.60	70.02	35.99

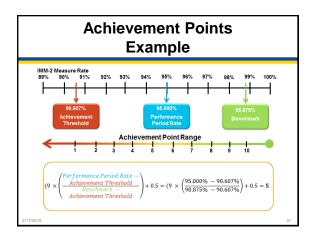
Achievement Points

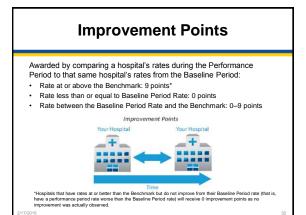
Awarded by comparing an individual hospital's rates during the Performance Period with all hospitals' rates from the Baseline Period:

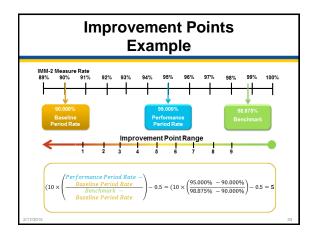
- Rate at or above the Benchmark: 10 points
- Rate less than the Achievement Threshold: 0 points
- Rate somewhere at or above the Threshold but less than the Benchmark: 1–10 points



17/2015







Measure Score

A Measure Score is the greater of the Achievement Points and Improvement Points for a measure.

Example FY 2017 Clinical Care - Process Measure Score Calculations

Points	Improvement Points	Measure Score
10	9	10
5	5	5
N/A	N/A	N/A
	10 5	10 9 5 5

Unweighted Domain Score

- For reliability, CMS requires hospitals to meet a minimum requirement of cases for each measure to receive a Measure Score and a minimum number of those measures to receive a Domain Score.
- CMS normalizes Domain Scores by converting a hospital's earned points (the sum of the Measure Scores) to a percentage of total points that were possible with the maximum score equaling 100.

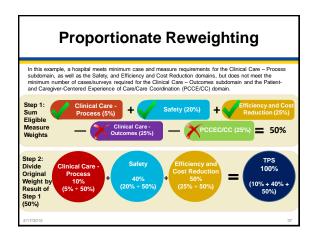
Domain Normalization Steps

Measure ID	Measure Score
AMI-7a	10
IMM-2	5
PC-01	N/A

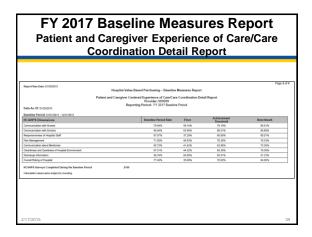
1.	Sum the measure scores in the domain.
	(10 + 5) = 15
2.	Multiply the eligible measures by the maximum point value per measure (10 points).
	(2 Measures x 10 Points) = 20
3.	Divide the sum of the Measure Scores (result of step 1) by the maximum points possible (result of step 2).

 $(15 \div 20) = 0.75$ 4. Multiply the result of step 3 by 100. $(0.75 \times 100) = 75.000000000000$

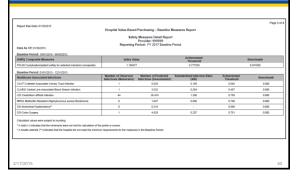
Weighted Domain Score and **Total Performance Score** A TPS requires scores from at least three out of the four domains in FY 2017. Excluded domain weights are proportionately distributed to the remaining domains to equal 100%. Unweighted Domain Score = Weighted Domain Score X Domain Weight Clinical Care -Process 75.00 5% 3.750 Clinical Care -Outcomes 25% 20.000 Patient- and Caregiver-Centered Experience of Care/Care Coordination Performance Score = 71.25 20% 20.000



FY 2017 Baseline Measures Report Clinical Care Detail Report Clinical Care Detail Report Clinical Care Detail Report Chief Care Detail Report Reporting Petric 17 2217 Busines Petric Chief Care Detail Report Reporting Petric 17 2217 Busines Petric Chief Care Detail Report Reporting Petric 17 2217 Busines Petric Chief Care Detail Report Chief Care Detail Report Reporting Petric 17 2217 Busines Petric Chief Land College College College Chief Care Detail Report Chief Care Detail Report Chief Care Detail College Chief C



FY 2017 Baseline Measures Report Safety Measures Detail Report



FY 2017 Baseline Measures Report Efficiency and Cost Reduction Detail Report



FY 2017 Baseline Reports Coming Soon

- Notifications will be sent to hospitals when the **Baseline Measure Reports** are available on the QualityNet Secure Portal
- Secure Portal
 Reports will only be available
 to hospitals who are active,
 registered QualityNet users
 and who have been assigned
 the following QualityNet roles:

 Hospital Reporting Feedback
 Inpatient role (required to
 receive the report)

 File Exchange and Search role
 (required to download the report
 from My QualityNet)



Resources

Technical questions or issues related to accessing reports

QualityNet Help Desk email address: qnetsupport@HCQIS.org or call 866.288.8912.

More information on the FY 2017 Baseline Measures Report

"How to Read Your FY 2017 Percentage Payment Summary Report" guide will be made available on QualityNet in the Hospital VBP section on the Hospital Value-Based Purchasing (VBP) page once the reports are released. The direct link to the page is:

https://www.qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2F Page%2FQnetTier3&cid=1228772237202.

Frequently Asked Questions (FAQs) related to Hospital VBP

 FAQs are available via the Hospital-Inpatient Questions and Answers tool at the following link: https://cms-ip.custhelp.com.

Ask Questions related to Hospital VBP

 Submit questions using the Hospital-Inpatient Questions and Answers tool at the following link: https://cms-ip.custhelp.com.

.....

Resources

- Quick Reference Guide for the FY 2017 Program is available on www.qualityreportingcenter.com
- Direct link:
 http://www.qualityreportingcenter.co
 m/wp-content/uploads/2015/02/IQR-FY2017_VBP-Domain-Weighting-

Infographic.pdf



17/2015

Contact Us Q & A Tool Input //cms-p.cushelp.com Email Support Input //cms-p.cushelp.com Email Support Input //cms-p.cushelp.com Phone Support Bd4 477-447 or Bd4 477-447 or Bd4 477-447 or Bd4 800.0765 Www.qushlyreportingcenter.com/input end Www.Qushlyreportingcenter.com/input end Web Conferences www.QushlyreportingCenter.com Secure Fax 877.789.4443 ListGerves Sign up on www.QushlyreportingCenter.com Website www.QushlyreportingCenter.com

Continuing Education Approval

- This program has been approved for 1.0 continuing education (CE) unit given by CE Provider #50-747 by the following professional boards:
 - Florida Board of Nursing
 - Florida Board of Clinical Social Work, Marriage and Family
 Therapy and Mental Health Counseling
 - Florida Board of Nursing Home Administrators
 - Florida Council of Dietetics
 - Florida Board of Pharmacy
- Professionals licensed in other states will receive a Certificate of Completion to submit to their licensing Boards

17/201

46

CE Credit Process

- Complete the ReadyTalk survey you will receive by email within the next 48 hours, or the one that will pop up after the webinar.
- The survey will ask you to log in or register to access your personal account in the Learning Management Center.
 - A one-time registration process is required.

This material was prepared by the Inpatient Value, Incentives, and Quality Reporting Outreach and Education Support Contractor, under contract with the Centers! Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. HHSM-500-2013-13007I, PL-IQR-Ch8-02122015-01

17/201