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To: Maryland Hospital Quality Contacts

From: Elsa Haile, Chief of Quality Initiative

Date: April 30, 2013

Re: Rate Year FY 2015 QBR Measure Domains, Thresholds and Benchmarks

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This memo and attachments describe the three measure domains and updated measure thresholds and benchmarks for the Quality Based Reimbursement Program (QBR) that will apply to the rate year FY2015.

## 1) Mortality Domain

1) A mortality measure using 3M APR-DRG grouper risk of mortality (ROM) indicators was included for rate year FY2015 and is based on 3 quarters of data (FY2012 Q4, FY2013 Q1, Q2). Mortality counts and rates were compared using 4 quarters vs. 3 quarters of data with no significant differences in the results. Consistent with the base period, 3 quarters of data were used for the mortality measure performance period starting CY2013 second quarter. The performance and base periods will be aligned with the other domains in rate year FY 2016 (please see attached timeline excel spreadsheet).

2) A detailed description of the methodology for the mortality domain is explained in the attached word document (Methodology for QBR Mortality Measure FY2015) and state-wide counts and the regression results (coefficients and odds ratios) are provided in 3M\_Mortality\_Measure\_Counts\_FY2012.xls tables.

## 2) Hospital Base Rates for FY 2015

The hospital base rates for rate year FY 2015 for the clinical process of care measures and the patient experience of care measures (Hospital Consumer Assessment of Healthcare Providers and Systems or "HCAHPS") were calculated for fiscal years 2012, 2011 and 2010. The highest ratio of these years was used as the base year for FY2015. Again, since mortality is a new measure, the mortality hospital base rate is based on 3 quarters of data—FY 2012 Q4, and FY 2013 Q1 and Q2—to match the performance period.

### 3) Measure List and Performance Thresholds and Benchmarks for FY 2015

#### Clinical Process of Care Measures and Final Thresholds and Benchmarks for FY 2015

DOMAIN	MEASURE	Threshold	Benchmark
AMI	AMI-8a - Primary PCI Received Within 90 Minutes of Hospital Arrival	93.00%	97.80%
CAC	CAC-3-Home Management Plan of Care (HMPC) Document Given to Patient/Caregiver	91.00%	99.67%
HF	HF-1 Discharge instructions	95.00%	99.67%
IMM	IMM-1a Pneumococcal vaccination	90.00%	99.40%
IMM	IMM-2 Influenza vaccination	91.00%	98.00%
PN	PN-3b Blood culture before first antibiotic – Pneumonia	97.00%	100.00%
PN	PN-6 Initial Antibiotic Selection for CAP in Immunocompetent Patient	97.00%	100.00%
SCIP	SCIP INF 1- Antibiotic given within 1 hour prior to surgical incision	98.00%	100.00%
SCIP	SCIP INF 4- Cardiac Surgery Patients with Controlled 6 A.M. Postoperative Serum Glucose	95.00%	97.00%
SCIP	SCIP INF 9- Urinary catheter removed on Postoperative Day 1 or Postoperative Day 2	95.00%	99.57%

\*Calculated using FY 2012 data.

#### Patient Experience of Care Measures and Final Thresholds and Benchmarks for FY 2015

Domain	MEASURE	Threshold	Benchmark	Floor
HCAHPS	Cleanliness and Quietness of Hospital Envir	64.50%	71.80%	53.00%
HCAHPS	Communication About Medicines (Q16-Q17)	62.00%	70.60%	52.00%
HCAHPS	Communication With Doctors (Q5-Q7)	80.00%	86.00%	72.00%
HCAHPS	Communication With Nurses (Q1-Q3)	79.00%	85.20%	65.00%
HCAHPS	Discharge Information (Q19-Q20)	83.00%	91.20%	66.00%
HCAHPS	Overall Rating of this Hospital	70.00%	80.80%	52.00%
HCAHPS	Pain Management (Q13-Q14)	72.00%	77.80%	59.00%
HCAHPS	Responsiveness of Hospital Staff (Q4,Q11)	61.00%	74.60%	46.00%

\* Calculated using FY 2012 data.

#### Mortality Measure Final Threshold and Benchmark for FY 2015

Domain	Measure	Threshold	Benchmark
MORTALITY	3M-Risk of Mortality	96.53%	98.02%

\* Calculated using FY 2012 Q4 and FY 2013 Q1, Q2 data.

#### 4) Domain Weights

The following weights will be used for each domain for FY 2015.

Domains	Weights
Clinical	0.400
HCAHPS	0.500
Mortality	0.100

#### 5) Calculation of scores

A calculation spreadsheet is provided so that hospitals are able to calculate their scores for clinical process of care measures and the patient experience of care measures (HCAHPS) [see QBR\_Calculation\_sheet\_FY2015].

If you have any questions, please email Elsa Haile at [elsa.haile@maryland.gov](mailto:elsa.haile@maryland.gov) or call [410-764-5599](tel:410-764-5599).