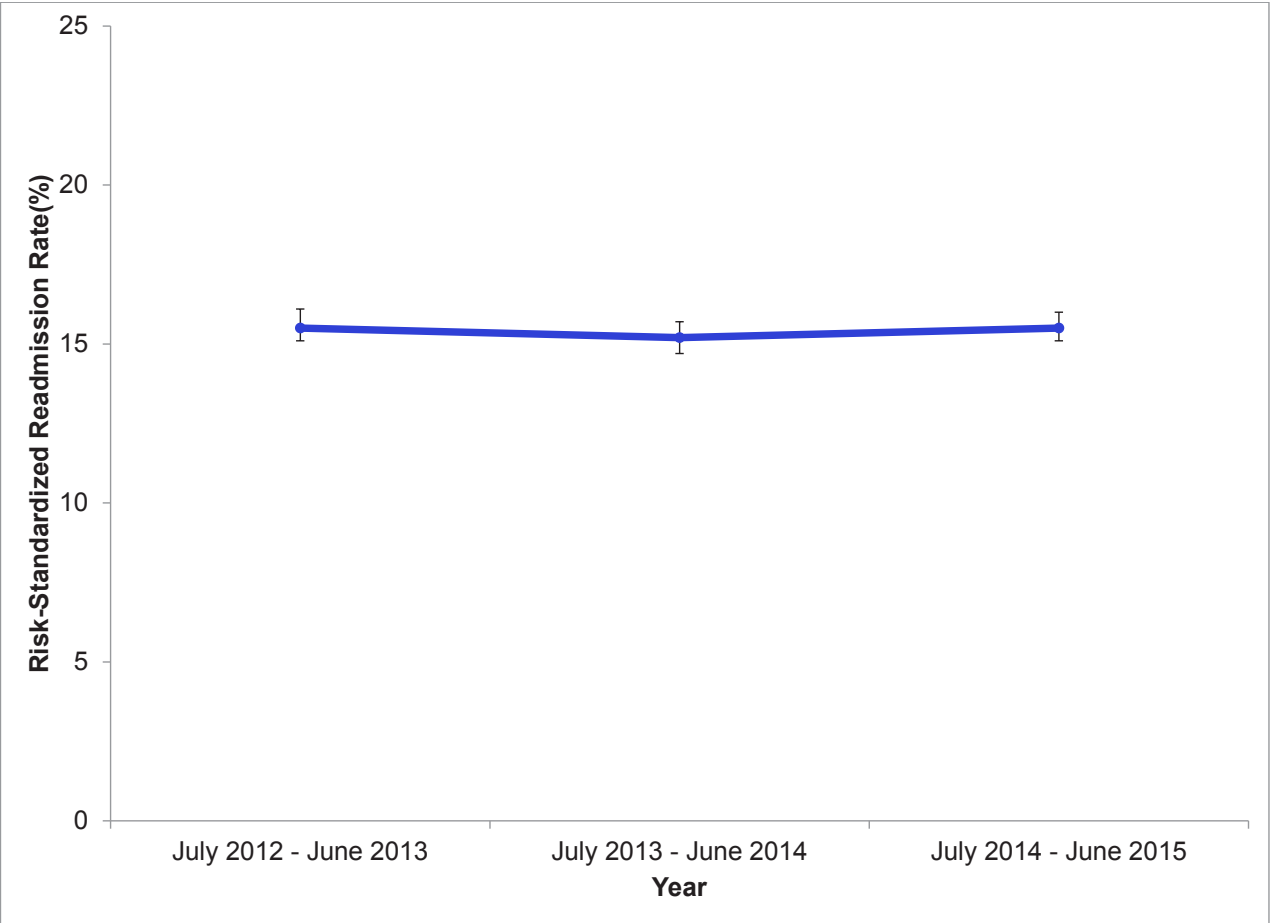


HOSPITAL CHARACTERISTICS

► Trend in hospital-wide 30-day readmission rates.

The Centers for Medicare & Medicaid Services (CMS) periodically provides an overview of trends in national performance on the hospital-wide all-cause unplanned readmission measure for Medicare fee-for-service (FFS) beneficiaries aged 65 or older [1,2]. The hospital-wide readmission measure assesses unplanned readmissions for any reason within 30 days of discharge from hospitalizations for patients admitted for any condition or procedure [2]. Patients can be readmitted to the same hospital or to a different hospital [2]. CMS began publicly reporting the hospital-wide 30-day risk-standardized readmission rates (RSRRs) in 2013 [3]. Publicly reported measure results are updated annually on the [Hospital Compare](#) website.

FIGURE I. Trend in the median hospital RSRR (%) for hospital-wide readmission, July 2012-June 2015.



Prepared for CMS by Yale New Haven Health Services Corporation - Center for Outcomes Research and Evaluation (YNHHC/CORE) September 2016



Examining trends in hospital performance on the hospital-wide readmission measure provides insight into whether hospital quality varies from year to year. To determine the trends in national performance on this measure, we examined hospitals' RSRRs for each year from July 2012-June 2015. We included hospitals with 25 or more qualifying cases. To ensure accurate assessment of each hospital, the measure uses a statistical model to adjust for key differences in patient risk factors that are clinically relevant and that have strong relationships with the readmission outcome [2].

TABLE 1. *Trend in the median hospital RSRR (%) for hospital-wide readmission, July 2012-June 2015.*

	Median (IQR) of Hospital RSRR (%)		
	July 2012-June 2013	July 2013-June 2014	July 2014-June 2015
Hospital-wide	15.5 (15.1, 16.1)	15.2 (14.7, 15.7)	15.5 (15.1, 16.0)

The median hospital RSRR declined by 0.3 percentage points between July 2012 and June 2014 and then rose by 0.3 percentage points by June 2015 (Figure 1 and Table 1). The bars on the graph in Figure 1 represent the interquartile range (IQR).

Hospital-wide RSRRs declined by 0.3 percentage points between July 2012 and June 2014 and then rose by 0.3 percentage points.

1. Medicare Hospital Quality Chartbook 2014: Performance Report on Outcome Measures. Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation for the Centers for Medicare and Medicaid Services 2014, <http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/HospitalQualityInits/Downloads/Medicare-Hospital-Quality-Chartbook-2014.pdf>. Accessed May 9, 2016.

2. Karen Dorsey, Jacqueline N. Grady, Leora I. Horwitz, et al. 2016 All-Cause Hospital-Wide Measure Updates and Specifications Report: Hospital-Level 30-Day Risk-Standardized Readmission Measure – Version 5.0. <https://www.qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2FPage%2FQnetTier4&cid=1219069855841>. Accessed May 9, 2016.

3. Hospital Inpatient Quality Reporting (IQR) Program Overview. QualityNet website. <http://www.qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2FPage%2FQnetTier2&cid=1138115987129>. Accessed March 4, 2016.