

# Hospital price transparency

So close, yet so far

Josh Reinstein, FSA, MAAA

Phil Ellenberg, MS

JUNE 24, 2021





**Josh Reinstein**

Principal & Consulting Actuary



**Phil Ellenberg**

Healthcare Consultant

**“The curious task of economics is to demonstrate to men how little they really know about what they imagine they can design.”**

— Fredrich von Hayek, Economist

# Outline

01

## Background

Difference from Transparency in Coverage Rule and history

02

## The Rule

Requirements, the comprehensive file, and the shoppable file

03

## Impact

Considerations for providers and payers, and potential effect on prices

04

## Next Steps

Non-compliance, gaming, and data mining

On November 1, 2019, the **Centers for Medicare and Medicaid Services (CMS)** released a final rule establishing requirements for **hospitals operating in the United States** to establish, update, and make public a list of their **standard charges** for the items and services they provide.

The provisions of the final rule went into effect on **January 1, 2021**.



# Two rules

## Hospital price transparency

Establishes requirements for **hospitals** operating in the United States to establish, update, and make public a list of their **standard charges** for the **items and services** that they provide.

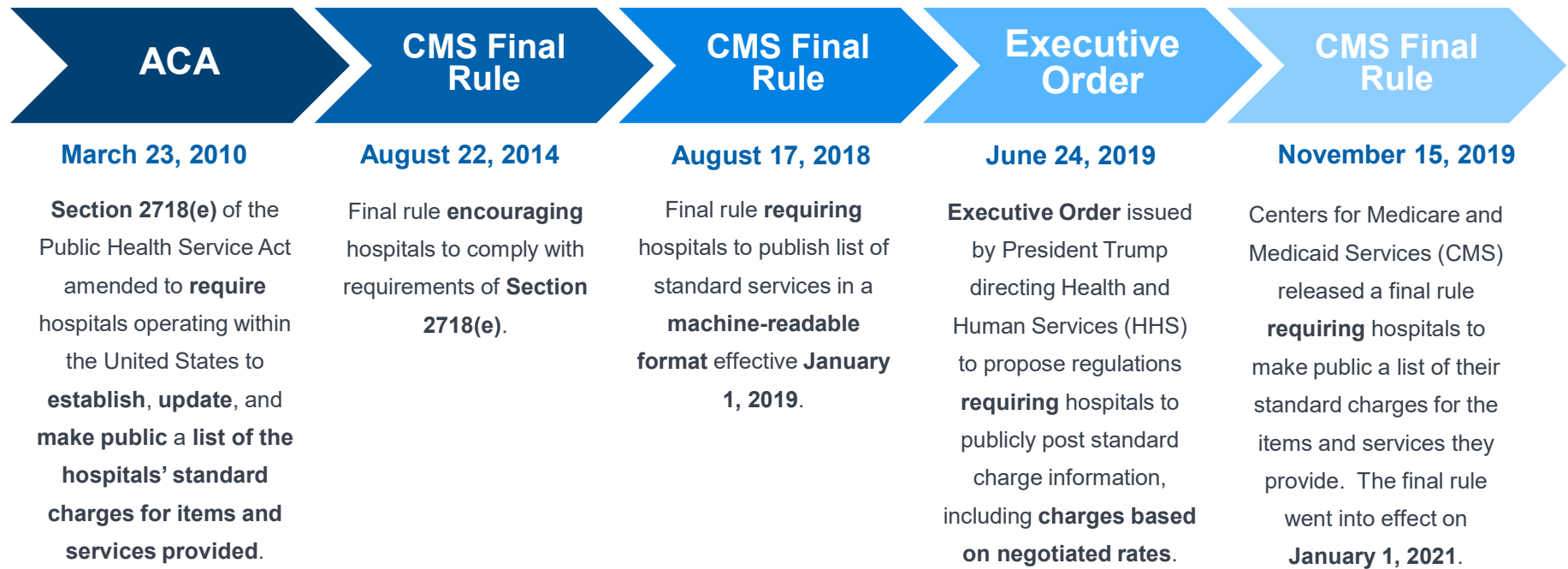
**84 FR 65524**

## Transparency in coverage

Sets forth requirements for **group health plans** to disclose **cost-sharing information**, including an estimate of an individual's cost-sharing liability for **covered items or services** furnished by a particular provider.

**85 FR 72158**

# History



# Standard charges

The regulations in the final rule require hospitals to publish standard charges for items and services. CMS defines “items and services” as “all items and services, including individual items and services and service packages that could be provided by a hospital to a patient in connection with an inpatient admission or an outpatient department visit for which the hospital has established a standard charge.



## Gross charge

The charge for an individual item or service that is reflected on a hospital’s chargemaster, absent any discounts. This would not include any standard charges for service packages.



## Negotiated charge

The charge that a hospital has negotiated with a third-party payer for an item or service. This excludes Medicaid or Medicare fee-for-service (FFS) rates, as they are not negotiated payments.



## Cash price

The charge that applies to an individual who pays cash (or cash equivalent) for a hospital item or service. Hospitals that do not offer cash discounts must instead display the hospital’s undiscounted gross charges.



## Minimum negotiated charge

The lowest charge that a hospital has negotiated with all third-party payers for an item or service.

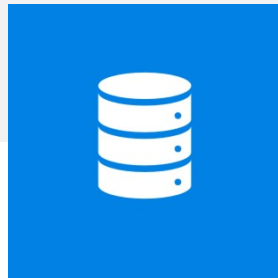


## Maximum negotiated charge

The highest charge that a hospital has negotiated with all third-party payers for an item or service.

# Two files

The CMS Final Rule **requires** hospitals to publish their **standard charges** in **two ways**



## Comprehensive file

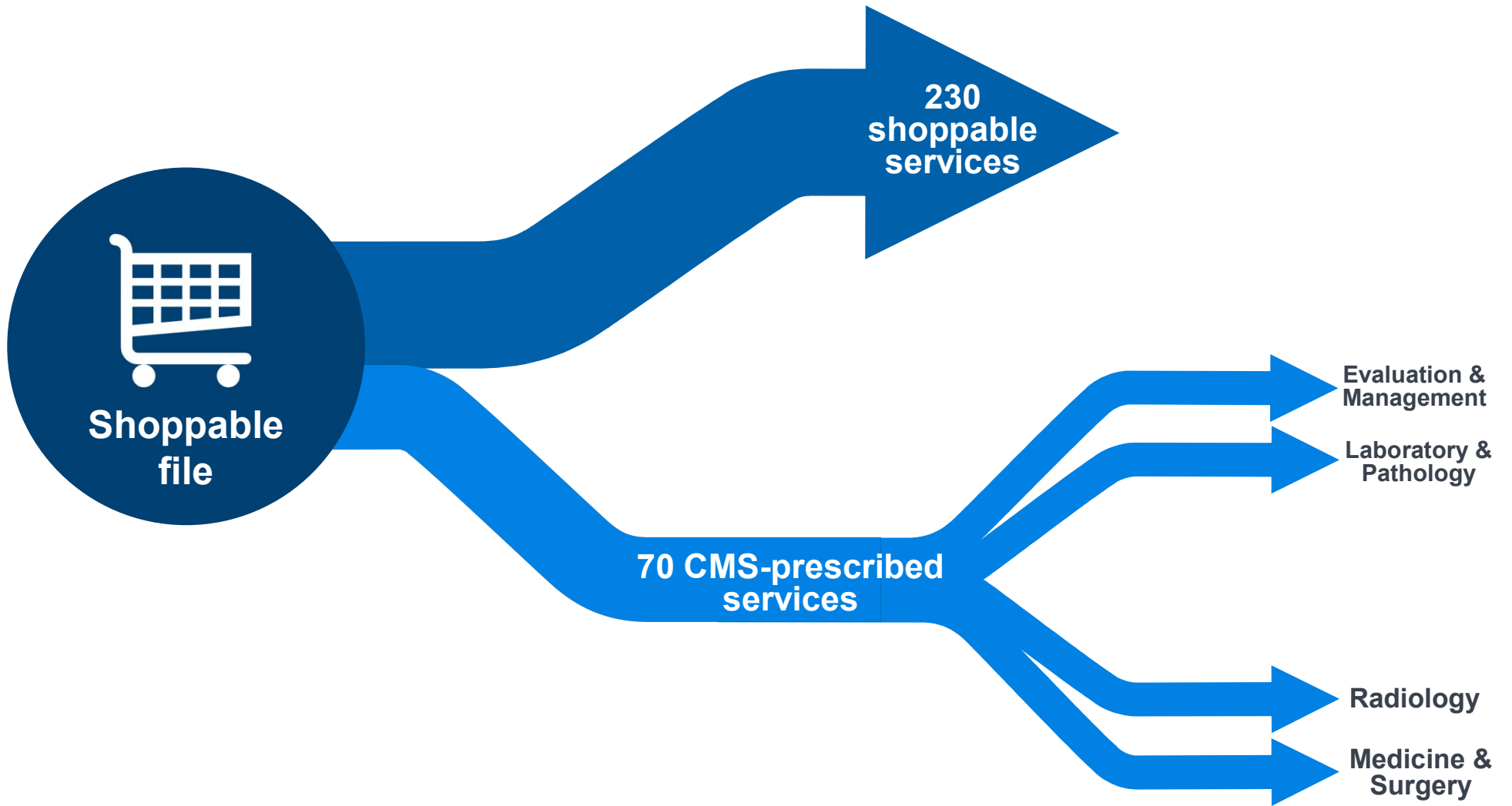
**Machine-readable** file that makes public **all standard charge information** for **all hospital items and services**.



## Shoppable file

**Consumer-friendly display** of **common shoppable services** derived from the machine-readable file.





# Considerations



## Inability to shop

Healthcare consumers cannot always shop between hospitals or between payers.



## Benefit design

Plan design elements such as flat copays eliminate the incentive for consumers to shop for care.



## Hospital/payer negotiations

Prices for shoppable services may flatten, which could lead hospitals to increase prices on other services.



## Ease of use

Not all files will be easy to use as the comprehensive file only needs to be machine-readable.



## Physician referrals

Consumers may be dissuaded from using lower-cost facilities if their physician referred them to a specific facility.



## Quality

The rule does not account for quality of care. Cheaper does not always mean better.



## Willingness to travel

Consumers may be unwilling or unable to travel for care. This will vary by type of service and potential savings.



## Impact on other facilities

Free-standing facilities may publish their own prices to attract consumers from hospitals.

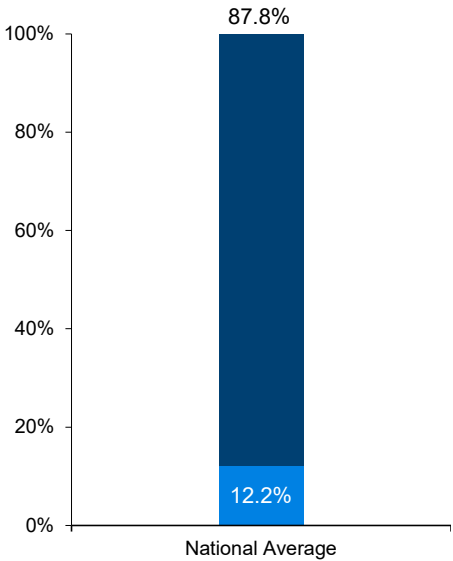


## 230 shoppable services

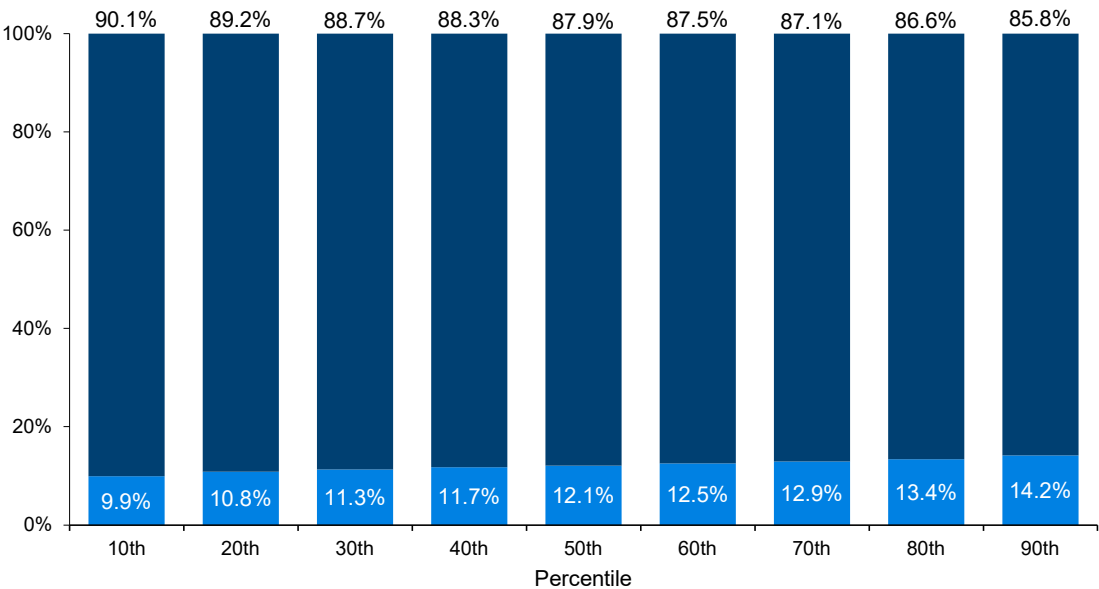
Hospitals may strategically choose what services to include in the shoppable file based on what services their competitors are including.

# Shoppable services<sup>1</sup>

% of total allowed (nationwide)



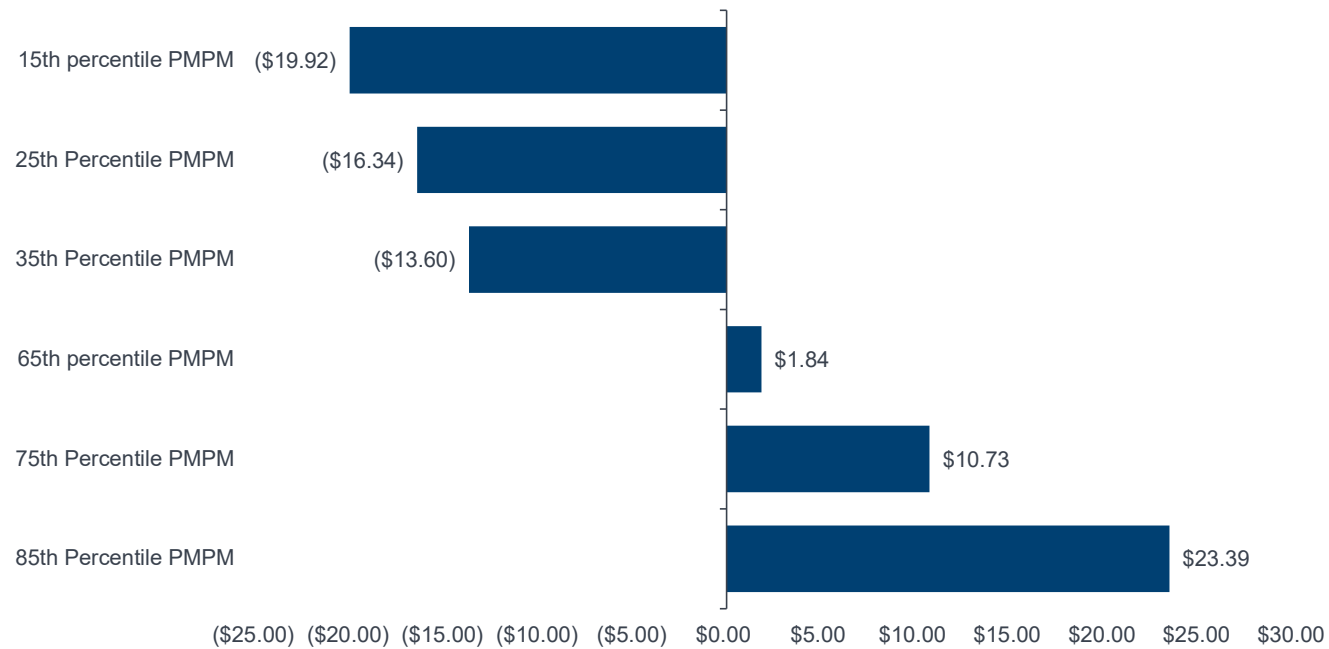
% of total allowed (MSA distribution)



<sup>1</sup>Shoppable services represent the 70 services prescribed by CMS

# Potential savings<sup>1</sup>

Overall PMPM savings compared to the average cost by percentile



<sup>1</sup>Savings estimated by comparing the average allowed PMPM cost to the *n*th percentile allowed PMPM cost

# Dig deeper

Use our interactive tool to explore the potential impact of the hospital price transparency rule by each of the 70 CMS-prescribed shoppable services.



<https://www.milliman.com/en/insight/hospital-price-transparency-impact-of-the-shoppable-file>

## Milliman Hospital Price Transparency

Impact of Shoppable File

Using the first drop-down box below, select a service (or ctrl+click to select multiple services) to illustrate the potential impact on allowed costs that are affected by the Hospital Price Transparency rule. Using the second drop-down box, select a percentile to illustrate the potential savings if the average allowed claims cost for the selected service(s) were to move from the average allowed cost to the *n*th percentile's allowed cost.

### Shoppable Services

SERVICE	PERCENTILE
CMS-Specified Shoppable Service*	Allowed Cost Percentile
All	35th Percentile

\*HCPCS/DRG Code - Description

### Impact

**7.26%** Percent of allowed costs impacted by the selected service(s)

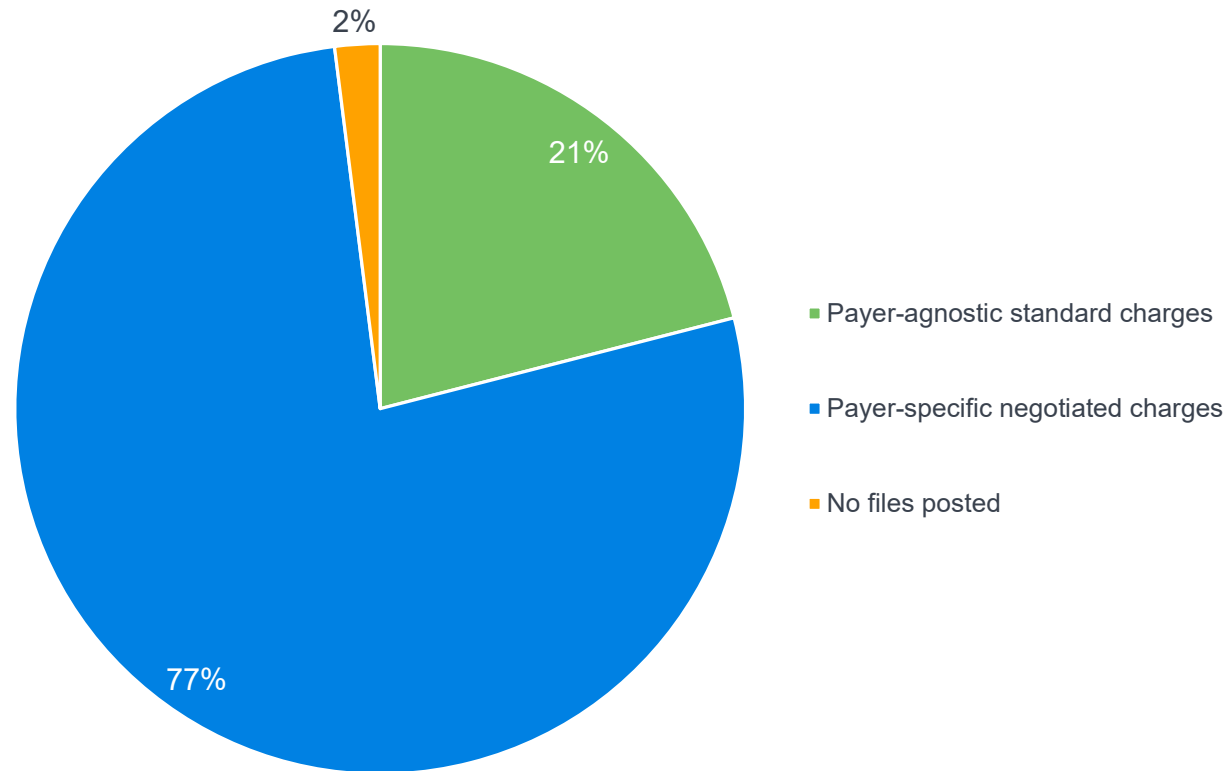
**44.78%** Percent difference in allowed cost between the average cost and the *n*th percentile for the selected service(s)

Service Code	Description	nth Percentile Allowed	Average Allowed
216	Cardiac valve and other major cardiothoracic procedures with cardiac catheterization with major complications or comorbidities	~\$100,000	~\$100,000
460	Spinal fusion except cervical without major comorbid conditions or complications (MCC)	~\$60,000	~\$60,000
473	Cervical spinal fusion without comorbid conditions (CC) or major comorbid conditions or complications (MCC)	~\$40,000	~\$40,000
470	Major joint replacement or reattachment of lower extremity without major comorbid conditions or complications (MCC)	~\$30,000	~\$30,000
743	Uterine and adnexa procedures for non-malignancy without comorbid conditions (CC) or major comorbid conditions or complications (MCC)	~\$20,000	~\$20,000
56610	Routine obstetric care for vaginal delivery after prior cesarean delivery including pre-and post-delivery care	~\$15,000	~\$15,000
59510	Routine obstetric care for cesarean delivery, including pre-and post-delivery care	~\$10,000	~\$10,000
59400	Routine obstetric care for vaginal delivery, including pre-and post-delivery care	~\$5,000	~\$5,000
56666	Surgical removal of prostate and surrounding lymph nodes using an endoscope	~\$5,000	~\$5,000
47662	Removal of gallbladder using an endoscope	~\$5,000	~\$5,000
66984	Removal of cataract with insertion of lens	~\$5,000	~\$5,000
29881	Removal of one knee cartilage using an endoscope	~\$5,000	~\$5,000
49505	Repair of groin hernia patient age 5 years or older	~\$5,000	~\$5,000
10120	Removal of 1 or more breast lumps, non-mammaria	~\$5,000	~\$5,000

Legend: ● nth Percentile Allowed | Average Allowed

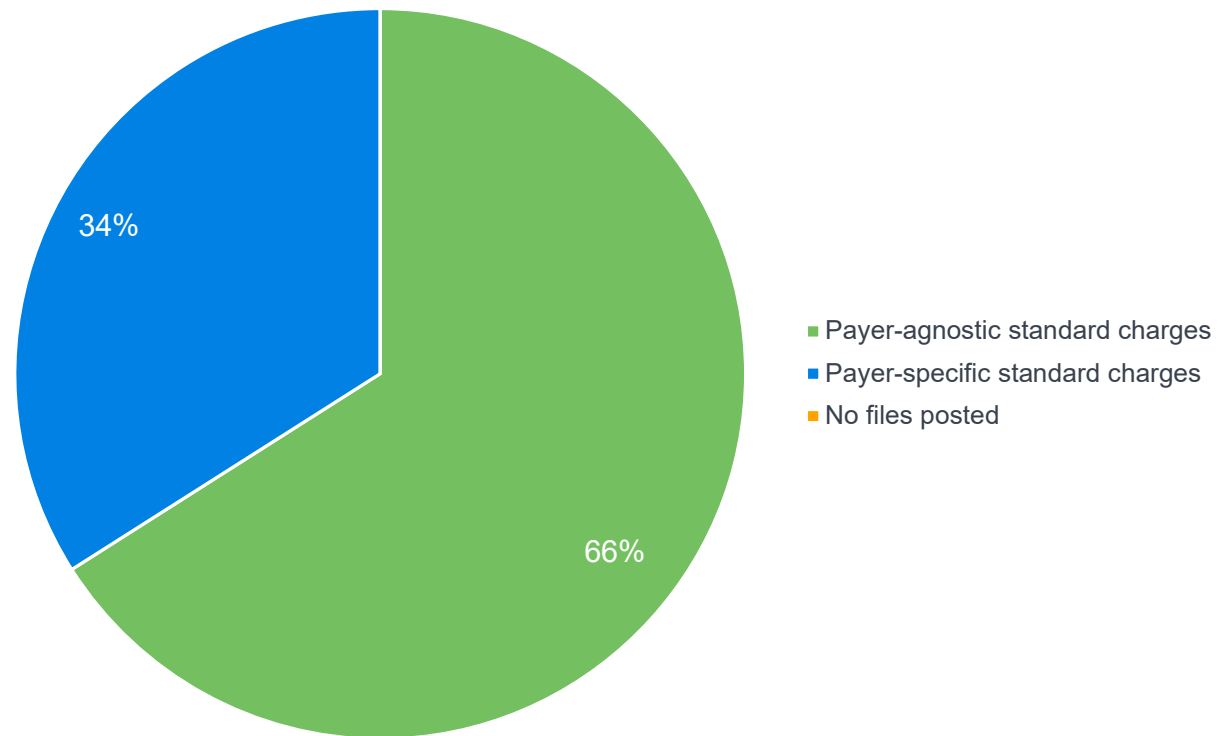
Source: Calendar Year 2018 IBM MarketScan Commercial data. Copyright ©2018 IBM Watson Health MarketScan. All Rights Reserved.  
Results shown represent MSA-level results rolled up to the national level. Contact a Milliman consultant to understand more about differences in allowed costs by geography. Negative savings represent an increase in allowed costs.

# Compliance<sup>1</sup>



<sup>1</sup>Compliance rates based on Milliman review of 55 health systems (representing more than 600 hospitals) between January and March 2021. See: <https://www.milliman.com/en/insight/hospital-price-transparency-march-2021-update>

# Compliance<sup>1</sup>



<sup>1</sup>Compliance rates based on Kaiser Family Foundation of two largest hospitals in each state and D.C. See: <https://www.healthsystemtracker.org/brief/early-results-from-federal-price-transparency-rule-show-difficulty-in-estimating-the-cost-of-care/>

# Enforcement





# Enforcement



## Corrective action plan

A hospital must specify corrective actions it will take to address any deficiency identified by CMS and the timeline within which it will complete such actions



## Monetary penalty

CMS may assess a civil monetary penalty of up to \$300 per day on a noncompliant hospital



## Publicize on CMS website

CMS may publicize a noncompliant hospital and associated penalty on its website



## Final thoughts

Healthcare doesn't always follow standard economic theory

Increased transparency may help consumers make better decisions

The hospital price transparency rule is a small step in this direction

# Questions





# Thank you

**Josh Reinstein**

[josh.reinstein@milliman.com](mailto:josh.reinstein@milliman.com)

**Phil Ellenberg**

[phil.ellenberg@milliman.com](mailto:phil.ellenberg@milliman.com)