



A MEDICARE LEARNING NETWORK® (MLN) EVENT

# Hospital Price Transparency: Using a CMS Template Layout to Encode Hospital Standard Charge Information

January 17, 2024

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&

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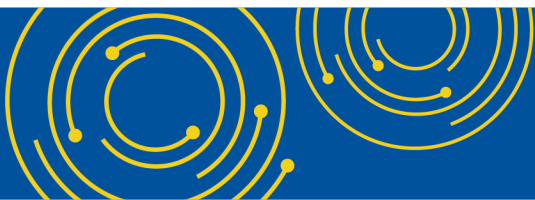
Centers for Medicare & Medicaid Services



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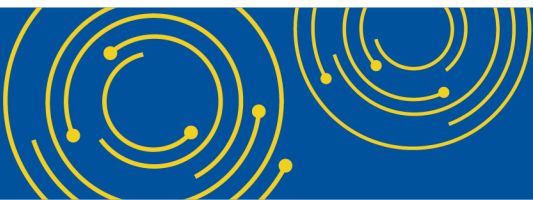
# Hospital Price Transparency Regulation Introduction

- The Hospital Price Transparency regulation implements Section 2718(e) of the [Public Health Service Act](#) and requires each hospital operating within the United States to establish (and update) and make public a yearly list of the hospital's standard charges for items and services provided by the hospital, including for diagnosis-related groups established under section 1886(d)(4) of the Social Security Act.
- Starting on January 1, 2021, each hospital operating in the United States was required to make this information available in two ways:

**As a comprehensive machine-readable file (MRF) with all standard charges for all items and services**

**AND**

**As a display of standard charges for 300 shoppable services in a consumer-friendly format**



# CY 2024 OPPS/ASC Final Rule Regulatory Updates

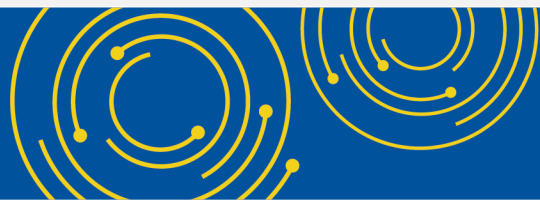
CMS finalized new [Hospital Price Transparency](#) requirements in the [CY 2024 Hospital Outpatient Prospective Payment System and Ambulatory Surgical Center Payment System Final Rule](#). These new requirements include:

*January 1, 2024* ○ **Improving Access to Hospital Machine-Readable Files (MRFs):** Hospital websites must include a TXT file in the root folder with MRF and contact information (45 CFR 180.50(d)(6)(i)). Hospitals must place a 'footer' at the bottom of the hospital's homepage that links to the webpage that includes the machine-readable file (45 CFR 180.50(d)(6)(ii)).

*July 1, 2024* ○ **New Data Elements and Format Standardization:**

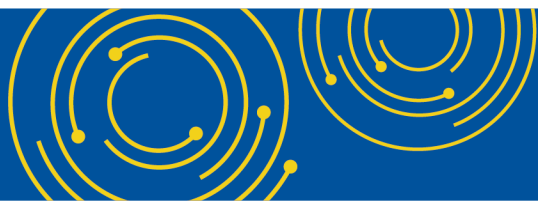
- Hospital MRFs must conform to the CMS template layout and data specifications (180.50(c)(2)).
- Expanded set of data elements including, as applicable: hospital and MRF information, each type of standard charge (including payer-specific negotiated charges by payer and plan), item/service description, relevant billing codes (180.50(b)(2)).
- Hospital must affirm that it has included all applicable standard charge information in the MRF and that the information encoded is true, accurate, and complete (180.50(a)(3)(ii)).

*January 1, 2025* ○ **Additional Required Data Elements:** Hospitals must encode additional new data elements including: 'Estimated Allowed Amount', 'Drug Unit of Measurement', 'Drug Type of Measurement', and 'Modifiers'.



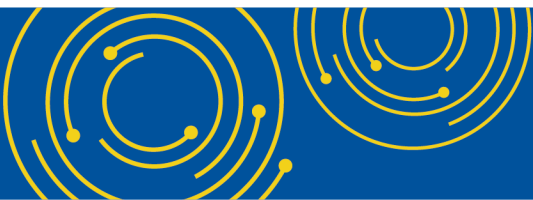
# Improving Automated Access to MRFs

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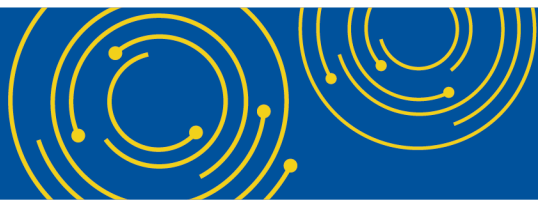
# Improving Automated Access

- As of January 1, 2024, hospitals must ensure that the public website it selects to host its machine-readable file (MRF) establishes and maintains, in the form and manner specified by CMS:
  - A .txt file in the root folder that includes:
    - The hospital location name that corresponds to the MRF
    - The source page URL that hosts the MRF
    - A direct link to the MRF (the MRF URL)
    - Hospital point of contact information
  - A link in the footer on its website, including but not limited to the homepage, that is labeled “Price Transparency” and links directly to the publicly available webpage that hosts the link to the MRF.
- TXT file instructions and generator tool can be found here:  
<https://cms.gov.github.io/hpt-tool/txt-generator/>



# CMS Template Technical Requirements

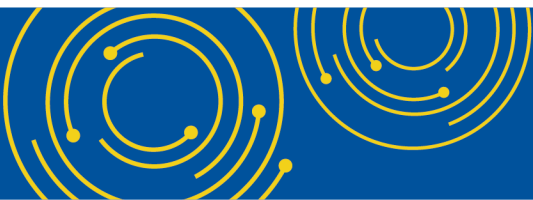
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# New Requirements to Use a CMS Template Layout and Encode Hospital Standard Charge Information

- As of July 1, 2024, hospitals' MRF must conform to a CMS template layout, data specifications, and data dictionary.
- CMS has made the CMS template available in three non-proprietary formats: CSV "tall", CSV "wide", and JSON.
- CMS has created a GitHub repository to house the required CMS templates, and provides the data dictionary, or technical instruction, on how hospitals must encode standard charge information into machine-readable files.

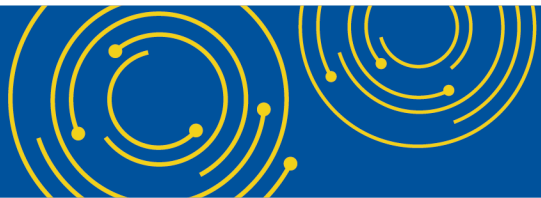
**The CMS Hospital Price Transparency - Data Dictionary GitHub repository is available here <https://github.com/CMSgov/hospital-price-transparency>.**



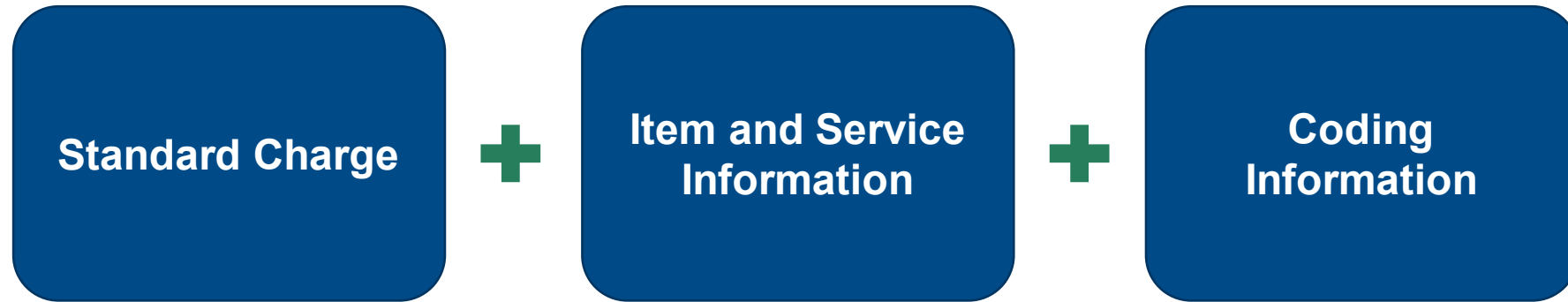


# CMS Template: Data Elements

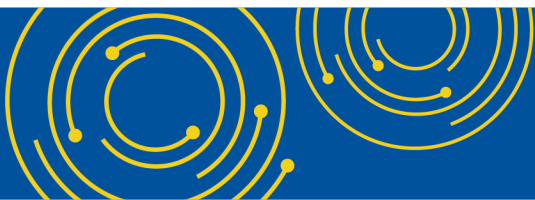
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# Data Elements Create Context for Hospital Standard Charges



‘Data elements’ are information or categories of information that you will use to contextualize the standard charges your hospital has established.

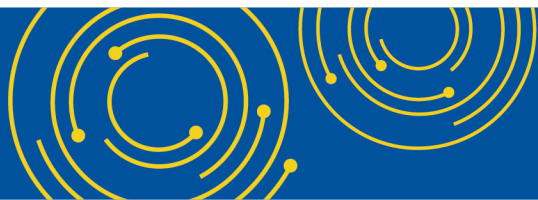


# Data Element Overview

Hospitals must adopt a CMS template layout and encode data elements according to the technical specifications described in the data dictionary. The data elements are organized into five groups:

<i>MRF Information</i>	<i>Standard Charges</i>	<i>Item &amp; Service Information</i>
MRF Date	Gross Charge	General Description
CMS Template Version	Discounted Cash Price	Setting
Affirmation Statement	Payer Name	<i>Drug Unit of Measurement*</i>
	Plan Name	<i>Drug Type of Measurement*</i>
	Standard Charge Method	
	Payer-Specific Negotiated Charge - Dollar Amount	
	Payer-Specific Negotiated Charge - Percentage	
	Payer-Specific Negotiated Charge - Algorithm	
	<i>Estimated Allowed Amount*</i>	
	Additional Generic Notes	
	Additional Payer-Specific Notes	
	De-identified Minimum Negotiated Charge	
	De-identified Maximum Negotiated Charge	
<i>Hospital Information</i>		<i>Coding Information</i>
Hospital Name		Billing/Accounting Code
Hospital Location(s)		Code Type
Hospital Address(es)		<i>Modifiers*</i>
Hospital Licensure Information		

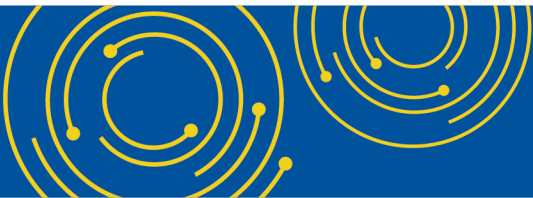
\*- These data elements are not required to be encoded in hospital MRFs until January 1, 2025.



# Three Ways to Display Payer-specific Standard Charges

'Payer-specific Negotiated Charge' Data Elements:	Description
<b>Dollar Amount</b>	Payer-specific negotiated charge (expressed as a dollar amount) that a hospital has negotiated with a third-party payer for a corresponding item or service.
<b>Percentage</b>	Payer-specific negotiated charge (expressed as a percentage) that a hospital has negotiated with a third-party payer for a corresponding item or service. This data element will contain the numeric representation of the percentage not as a decimal (70.5% is to be entered as "70.5" and not ".705").
<b>Algorithm</b>	Payer-specific negotiated charge (expressed as an algorithm) that a hospital has negotiated with a third-party payer for the corresponding item or service.

Display a payer-specific negotiated charge as a dollar amount whenever possible. If the payer-specific negotiated charge results in a variable dollar amount for members of a payer/plan combination, then display the payer-specific negotiated charge as a percentage or algorithm and calculate the 'Estimated Allowed Amount' in dollars.

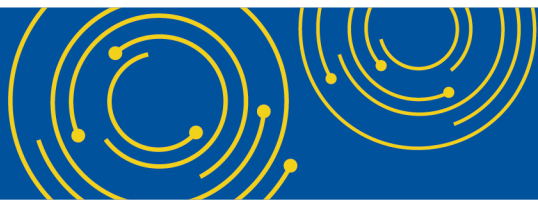


# Payer-specific Negotiated Charge Contextual Information

**Required Contextual Information:** For each ‘payer-specific standard charge’ your hospital has established, you must encode a ‘standard charge methodology’.

## ‘Standard Charge Methodology’ Data Element:

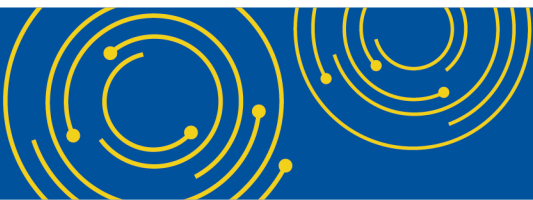
Valid Values	Methodology Description
<b>Case Rate</b>	A flat rate for a package of items and services triggered by a diagnosis, treatment, or condition for a designated length of time.
<b>Fee Schedule</b>	The payer-specific negotiated charge is based on a fee schedule. Examples of common fee schedules include Medicare, Medicaid, commercial payer, and workers compensation.
<b>Percent of Total Billed Charge</b>	The payer-specific negotiated charge is based on a percentage of the total billed charges for an item or service. This percentage may vary depending on certain pre-determined criteria being met.
<b>Per diem</b>	The per day charge for providing hospital items and services.
<b>Other</b>	If the standard charge methodology used to establish a payer-specific negotiated charge cannot be described by one of the types of standard charge methodology above, select ‘Other’ and encode a detailed explanation of the contracting arrangement in additional notes.



# Optional Data Elements

‘Hospital Financial Aid Policy’ and ‘Billing Class’ are optional data elements. They are not required to be included in hospital MRFs, but instructions have been added to support standardization of disclosure of these data elements for hospitals that wish to provide more contextual information about their charges.

Data Element	Description
<b>Hospital Financial Aid Policy</b>	The hospital’s financial aid policy, also known as charity care or bill forgiveness, that a hospital may choose or be required to apply to a particular individual’s bill. This information may be displayed as either a description or as a link to the financial aid or cash price policy on the hospital’s website.
<b>Billing Class</b>	The type of billing for the item/service at the established standard charge. The valid values are "professional", "facility", and "both".

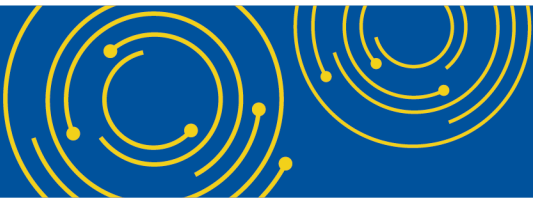


# Introduction to CMS Templates and Data Dictionary Technical Instructions

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**CMS Hospital Price Transparency – Data Dictionary GitHub  
Repository**

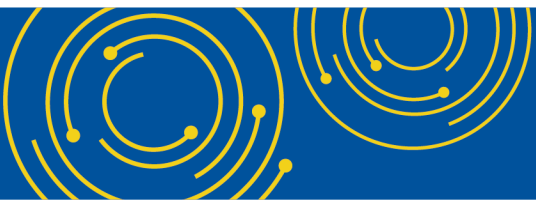
**<https://github.com/CMSgov/hospital-price-transparency>**



# CMS Templates and Data Dictionary are in CMS GitHub

## The CMS GitHub Repository:

- Is a website used by CMS to store CMS templates and data dictionary technical instructions that your hospital must use to create its MRF.
- Provides assistance for technical questions you may have.
- Also makes available voluntary tools (such as a .txt generator) to help your hospital comply with hospital price transparency regulatory requirements.





# Encoding Data Elements and Values

**Data Elements** are the categories of data that must be included in the MRF, represented by “headers” in a CSV spreadsheet view.

**Values** are the types of data that can be encoded into the MRF.

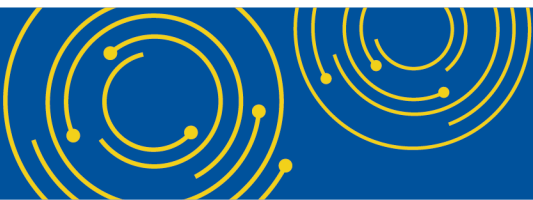
**Encoding** is the process of entering values in a specified form.

The **data dictionary** provides rules (i.e. technical instruction) for encoding your hospital’s standard charge information.

```
EXAMPLE CSV MRF Excerpt
hospital_name,last_updated_on,version,hospital_locat
West Mercy Hospital,2024-07-01,2.0.0,West Mercy Hosp
description,code|1 ,code|1|type,code|2 ,code|2|type,
```

EXAMPLE CSV MRF in Spreadsheet View

HEADERS	hospital_name	last_updated_on	version	hospital_location
VALUES	West Mercy Hospital	2024-07-01	2.0.0	West Mercy Hospi
HEADERS	description	code 1	code 1 type	code 2
VALUES	Major hip and knee join	470	MS-DRG	175869
VALUES	Major hip and knee join	470	MS-DRG	175869
VALUES	Major hip and knee join	470	MS-DRG	175869
EMPTY CELLS				



# Data Dictionary in GitHub for CSV

**Technical Instructions** are shown in GitHub for CSV as a table. It includes:

- Column Header (separate instructions for CSV ‘Tall’ vs ‘Wide’): indicates the header you must use in your MRF
- Name: the required data element you must include in your MRF
- Type: indicates what type of values are valid
- Definition: a plain language description of the data element and valid values
- Blanks Accepted: Indicates whether missing values are acceptable.

## General Data Elements

These required general data about the MRF must be stated once at the top of the file (i.e. the first row).

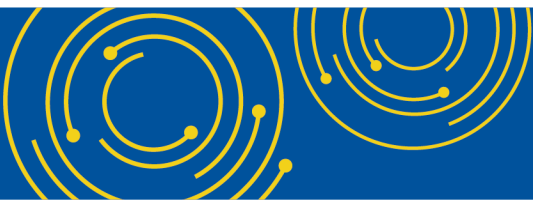
Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
hospital_name	hospital_name	Hospital Name	String	The legal business name of the licensee.	No
last_updated_on	last_updated_on	MRF Date	Date	Date on which the MRF was last updated. Date must be in an ISO 8601 format (i.e. YYYY-MM-DD)	No

## Required Standard Charge, Item/Service, and Coding Data Elements

After the general data elements have been disclosed, the disclosure of required standard charges, item/service, and coding data elements will begin on row 3.

If a -- is encountered in the following table, then the instruction does not apply to the specific CMS template selected. You can view both [CSV templates here](#).

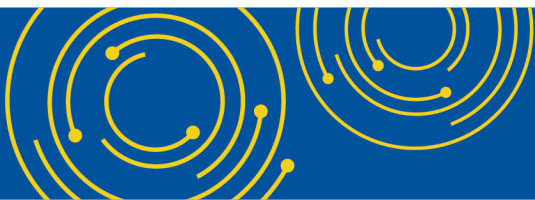
Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
description	description	General Description	String	Description of each item or service provided by the hospital that	No



# Types of Valid Values

**Type:** Indicates the expected format of the data encoded into a field below the CSV header. Types you will encounter in the data dictionary for CSV formats include:

- “Boolean” indicates the field must include either a “true” or “false”. This type is used for encoding a valid value for the required affirmation statement.
- “Date” indicates a date must be inserted in the field. You will encounter this type when encoding the valid value for the “date of last update” data element.
- “Enum” indicates that you must choose from a set of predefined constants that are listed in the ‘valid values’ section. For example, valid values for the data element “setting” are: “inpatient”, “outpatient”, or “both”
- “Numeric” indicates only numbers are permitted. All "Numeric" data elements must be positive numbers. Encoding a negative number or "0" will generate a deficiency.
- “String” indicates that series of letters/characters, numbers, symbols, and spaces are allowed values.



# Putting it Together

## 1 General Data Elements

These required general data about the MRF must be stated once at the top of the file (i.e. the first row).

Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
hospital_name	hospital_name	Hospital Name	String	The legal business name of the licensee.	No
last_updated_on	last_updated_on	MRF Date	Date	Date on which the MRF was last updated. Date must be in an ISO 8601 format (i.e. YYYY-MM-DD)	No

```

EXAMPLE CSV MRF Excerpt
hospital_name,last_updated_on,version,hospital_location
West Mercy Hospital,2024-07-01,2.0.0,West Mercy Hospital
description,code|1 ,code|1|type,code|2 ,code|2|type,
    
```

**EXAMPLE CSV MRF in Spreadsheet View**

hospital_name	last_updated_on	version	hospital_location
West Mercy Hospital	2024-07-01	2.0.0	West Mercy Hospital
description	code 1	code 1 type	code 2
Major hip and knee joint	470	MS-DRG	175869
Major hip and knee joint	470	MS-DRG	175869
Major hip and knee joint	470	MS-DRG	175869

## 2 Required Standard Charge, Item/Service, and Coding Data Elements

After the general data elements have been disclosed, the disclosure of required standard charges, item/service, and coding data elements will begin on row 3.

If a -- is encountered in the following table, then the instruction does not apply to the specific CMS template selected. You can view both [CSV templates here](#).

Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
description	description	General Description	String	Description of each item or service provided by the hospital that	No

1

2

# Data Dictionary Example: Encoding the Date of Last Update

Hospitals must update the standard charge information at least once annually.

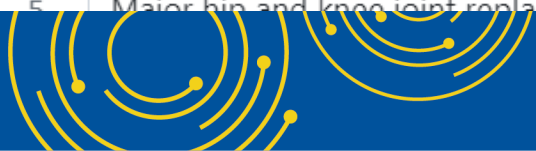
- Encode the date in the MRF in an ISO 8601 format (i.e. YYYY-MM-DD)

## Data Dictionary Instructions

Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
last_updated_on	last_updated_on	MRF Date	Date	Date on which the MRF was last updated. Date must be in an ISO 8601 format (i.e. YYYY-MM-DD)	No

## CSV MRF Implementation

1	hospital_name			last_updated_on	version	hc
2	West Mercy Hospital			2024-07-01	2.0.0	W
3	description			code 1	code 1 type	cc
4	Major hip and knee joint replacement or reattachment of lower extremity without mcc			470	MS-DRG	17
5	Major hip and knee joint replacement or reattachment of lower extremity without mcc			470	MS-DRG	17

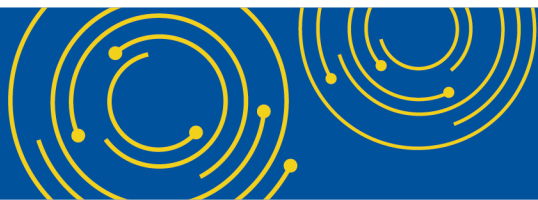


# Accessing Technical Instructions & Examples

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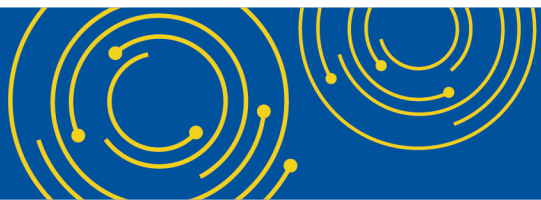
**CMS Hospital Price Transparency – Data Dictionary GitHub  
Repository**

**<https://github.com/CMSgov/hospital-price-transparency>**



# Questions & Answers

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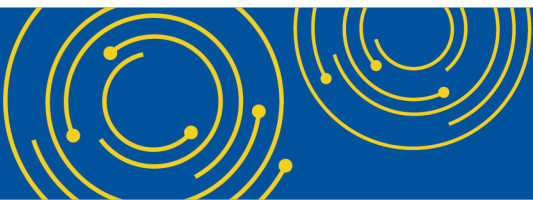
# Hospital Price Transparency Resources



Visit the [CMS Hospital Price Transparency – Data Dictionary GitHub Repository](#) to access the CMS templates, technical specifications, and get technical support.

Visit the [HPT Website Resources Page](#) for more information, including a recording of this presentation.

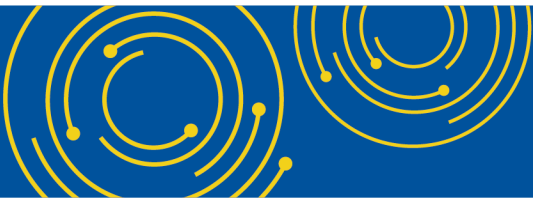
For additional information, please contact:  
[PriceTransparencyHospitalCharges@cms.hhs.gov](mailto:PriceTransparencyHospitalCharges@cms.hhs.gov)





# Appendix A – Navigating GitHub and the CMS Hospital Price Transparency – Data Dictionary GitHub Repository

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# CMS Hospital Price Transparency – Data Dictionary GitHub Repository Homepage

The screenshot shows the GitHub repository page for `CMSgov/hospital-price-transparency`. The repository is public and has 10 stars and 1 fork. The main content area displays a file tree with the following items:

File/Folder	Description	Last Update
documentation	renaming of files, updating documentation based on rename	3 days ago
examples	Update V2.0.0_Tall_CSV_Format_Example.csv	2 days ago
resources/images	Initial Release	3 weeks ago
.gitignore	Initial Release	3 weeks ago
README.md	formatting fix	2 weeks ago
VERSION.md	typo update, version update, footer sentence	2 weeks ago

The README.md preview shows the following content:

## Hospital Price Transparency

This technical implementation guide contains data dictionaries, CSV templates, and JSON schema for the machine readable files as required by the [Hospital Price Transparency](#) final rules ([45 CFR 180](#)).

If you are looking for the technical implementation guide for the machine readable files required by the [Transparency in Coverage](#) final rules (85 FR 72158), please go to <https://github.com/CMSgov/price-transparency-guide>.

### Overview



# How to Sign Up and Stay Up to Date

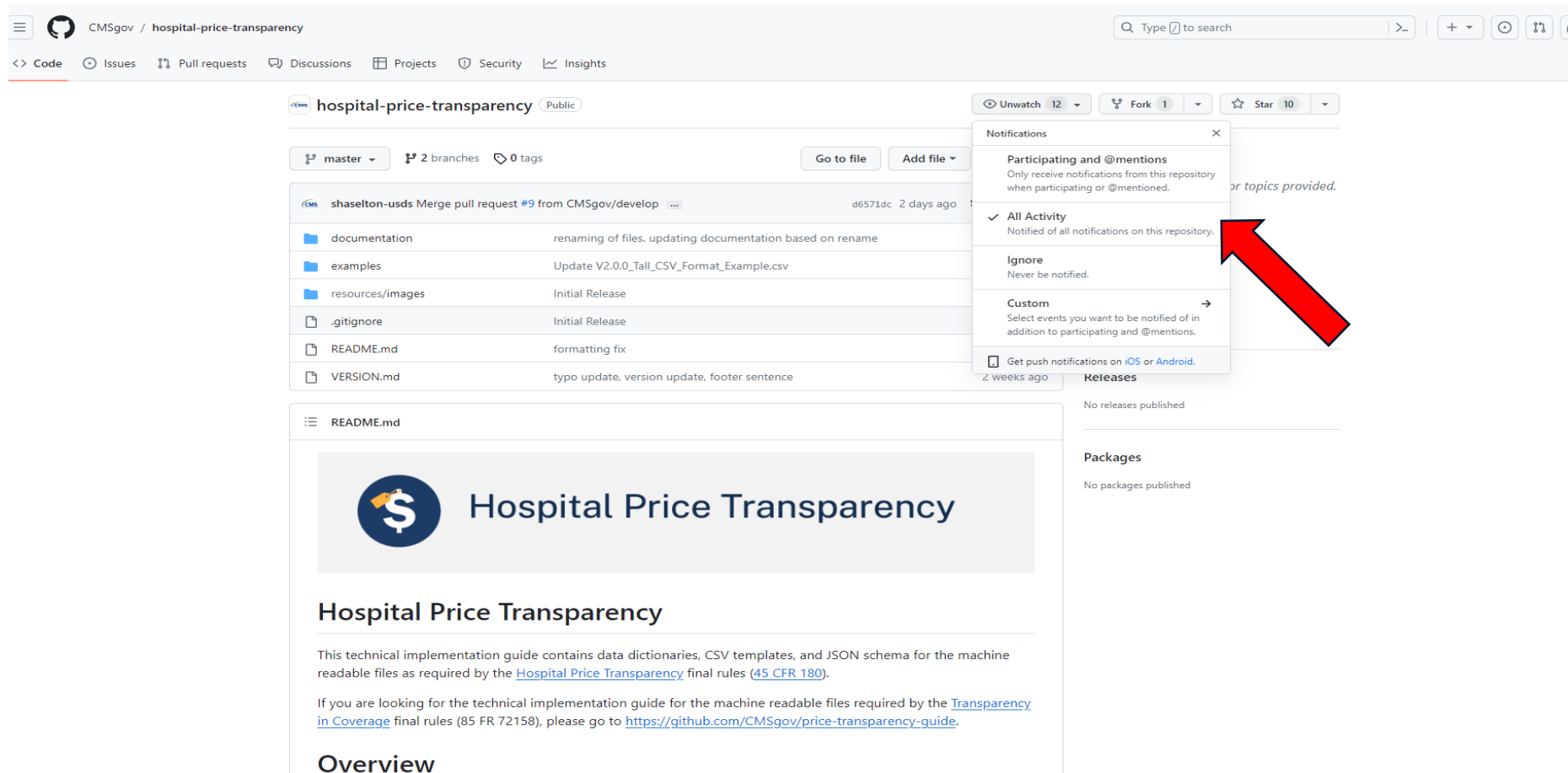
Step 1: Click on the “Sign-up” button, enter your information, and create a username.

The screenshot shows the GitHub interface for the repository `CMSgov/hospital-price-transparency`. The top navigation bar includes links for Product, Solutions, Open Source, and Pricing, along with a search bar and 'Sign in' and 'Sign up' buttons. A red arrow points to the 'Sign up' button. Below the navigation bar, the repository name and 'Public' status are shown, along with 'Notifications', 'Fork 1', and 'Star 10' buttons. The main content area displays a file tree with folders like 'documentation', 'examples', and 'resources/images', and files like '.gitignore', 'README.md', and 'VERSION.md'. The 'README.md' file is selected, showing a header with a dollar sign icon and the title 'Hospital Price Transparency'. The text below the header provides technical implementation details and links to related resources.



# How to Stay Up-to-Date

Step 2: After signing in, click on the “Watch” button in upper-right hand corner and select “All Activity.” You can change this preference at any time.



The screenshot shows the GitHub interface for the repository 'hospital-price-transparency'. The 'Notifications' dropdown menu is open, showing options: 'Participating and @mentions', 'All Activity' (checked), 'Ignore', and 'Custom'. A red arrow points to the 'All Activity' option. The repository page also shows a file list, a README.md file, and a sidebar with 'Releases' and 'Packages' sections.

hospital-price-transparency Public

Unwatch 12 Fork 1 Star 10

Notifications

- Participating and @mentions  
Only receive notifications from this repository when participating or @mentioned.
- All Activity  
Notified of all notifications on this repository.
- Ignore  
Never be notified.
- Custom  
Select events you want to be notified of in addition to participating and @mentions.
- Get push notifications on iOS or Android.

Releases

No releases published

Packages

No packages published

shaselton-usds Merge pull request #9 from CMSgov/develop ... d6571dc 2 days ago

documentation renaming of files. updating documentation based on rename

examples Update V2.0.0\_Tall\_CSV\_Format\_Example.csv


resources/images Initial Release

.gitignore Initial Release

README.md formatting fix

VERSION.md typo update, version update, footer sentence

README.md

 Hospital Price Transparency

## Hospital Price Transparency

This technical implementation guide contains data dictionaries, CSV templates, and JSON schema for the machine readable files as required by the [Hospital Price Transparency](#) final rules (45 CFR 180).

If you are looking for the technical implementation guide for the machine readable files required by the [Transparency in Coverage](#) final rules (85 FR 72158), please go to <https://github.com/CMSgov/price-transparency-guide>.

### Overview


# How to View General MRF Template Information

## Step 1: Navigate to the Homepage

The screenshot shows the GitHub repository page for 'hospital-price-transparency' under the 'CMSgov' organization. The repository is public and has 12 watchers, 1 fork, and 10 stars. The main branch is 'master' with 2 branches and 0 tags. A table of files and their commit history is visible:

File	Commit Message	Time Ago
documentation	renaming of files, updating documentation based on rename	3 days ago
examples	Update V2.0.0_Tall_CSV_Format_Example.csv	2 days ago
resources/images	Initial Release	3 weeks ago
.gitignore	Initial Release	3 weeks ago
README.md	formatting fix	2 weeks ago
VERSION.md	typo update, version update, footer sentence	2 weeks ago

The README.md file is selected and displays the following content:

 **Hospital Price Transparency**

### Hospital Price Transparency

This technical implementation guide contains data dictionaries, CSV templates, and JSON schema for the machine readable files as required by the [Hospital Price Transparency](#) final rules ([45 CFR 180](#)).

If you are looking for the technical implementation guide for the machine readable files required by the [Transparency in Coverage](#) final rules (85 FR 72158), please go to <https://github.com/CMSgov/price-transparency-guide>.



# How to View General MRF Template Information

## Step 2: Select the “README.md” file or scroll down the page

The screenshot shows the GitHub interface for the repository 'hospital-price-transparency' under the 'CMSgov' organization. The repository is public and has 12 unwatchers, 1 fork, and 10 stars. The file list shows several folders and files, with 'README.md' highlighted by a red arrow. Below the file list, the content of 'README.md' is displayed, featuring a logo with a dollar sign and the text 'Hospital Price Transparency'. A second red arrow points to the main heading of the README file.

Repository: CMSgov / hospital-price-transparency

Files and Commits:

File/Folder	Commit Message	Time Ago
documentation	renaming of files. updating documentation based on rename	3 days ago
examples	Update V2.0.0_Tail_CSV_Format_Example.csv	2 days ago
resources/images	Initial Release	3 weeks ago
.gitignore	Initial Release	3 weeks ago
README.md	formatting fix	2 weeks ago
VERSION.md	typo update, version update, footer sentence	2 weeks ago

README.md Content:

### Hospital Price Transparency

This technical implementation guide contains data dictionaries, CSV templates, and JSON schema for the machine readable files as required by the [Hospital Price Transparency](#) final rules (45 CFR 180).

If you are looking for the technical implementation guide for the machine readable files required by the [Transparency in Coverage](#) final rules (85 FR 72158), please go to <https://github.com/CMSgov/price-transparency-guide>.



# How to Access Templates and Implementation Documentation

## Step 1: From the homepage, select the “documentation” folder

The screenshot shows the GitHub repository page for 'hospital-price-transparency' under the 'CMSgov' organization. The repository is public and has 12 watchers, 1 fork, and 10 stars. The main branch is 'master' with 2 branches and 0 tags. A red arrow points to the 'documentation' folder in the file list. The file list includes:

File/Folder	Commit Message	Time Ago
documentation	renaming of files. updating documentation based on rename	3 days ago
examples	Update V2.0.0_Tail_CSV_Format_Example.csv	2 days ago
resources/images	Initial Release	3 weeks ago
.gitignore	Initial Release	3 weeks ago
README.md	formatting fix	2 weeks ago
VERSION.md	typo update, version update, footer sentence	2 weeks ago

The 'README.md' content is visible below the file list, featuring the 'Hospital Price Transparency' logo and text: 'This technical implementation guide contains data dictionaries, CSV templates, and JSON schema for the machine readable files as required by the Hospital Price Transparency final rules (45 CFR 180). If you are looking for the technical implementation guide for the machine readable files required by the Transparency in Coverage final rules (85 FR 72158), please go to https://github.com/CMSgov/price-transparency-guide.'



# How to Access Templates and Implementation Documentation

## Step 2: Select either the “CSV” or “JSON” templates from one of many places

The screenshot shows the GitHub interface for the repository 'CMSgov / hospital-price-transparency'. The left sidebar displays the file tree with the 'documentation' folder expanded, showing subfolders for 'CSV' and 'JSON'. A red arrow points to the 'JSON' folder in this sidebar. The main content area shows the commit history for the 'documentation' directory, with a table listing files and their commit messages. A red arrow points to the 'JSON' folder in this table. Below the table, the 'README.md' file content is visible, featuring the heading 'File Implementation Documentation' and a bulleted list with links to 'CSV' and 'JSON'. A red arrow points to these links.

Name	Last commit message	Last commit date
..		
CSV	renaming of files. updating documentation based on rename	3 days ago
JSON	renaming of files. updating documentation based on rename	3 days ago
README.md	Initial Release	3 weeks ago

File Implementation Documentation

- [CSV](#)
- [JSON](#)





# How to Access Templates and Implementation Documentation

## Step 3: In CSV, select either the “Tall” or “Wide” format

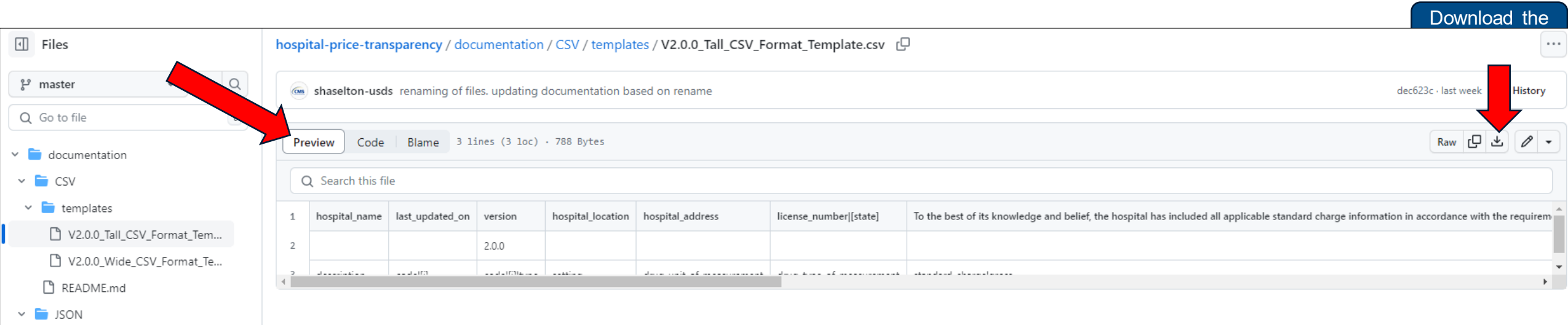
The screenshot shows the GitHub interface for the repository 'CMSgov / hospital-price-transparency'. The left sidebar displays the file tree with the 'templates' folder under 'documentation/CSV' selected. The main area shows a commit history table with two entries for CSV files.

Name	Last commit message
..	
V2.0.0_Tall_CSV_Format_Template.csv	renaming of files. updating documentation based on rename
V2.0.0_Wide_CSV_Format_Template.csv	renaming of files. updating documentation based on rename



# How to Access Templates and Implementation Documentation

Step 4: Once you have selected the desired format, you can view the template on GitHub in “Preview” view, “Code” view, or download the template in a separate file.



Files

master

Go to file

- documentation
- CSV
- templates
  - V2.0.0\_Tall\_CSV\_Format\_Tem...
  - V2.0.0\_Wide\_CSV\_Format\_Te...
  - README.md
- JSON

hospital-price-transparency / documentation / CSV / templates / V2.0.0\_Tall\_CSV\_Format\_Template.csv

shaselton-usds renaming of files. updating documentation based on rename

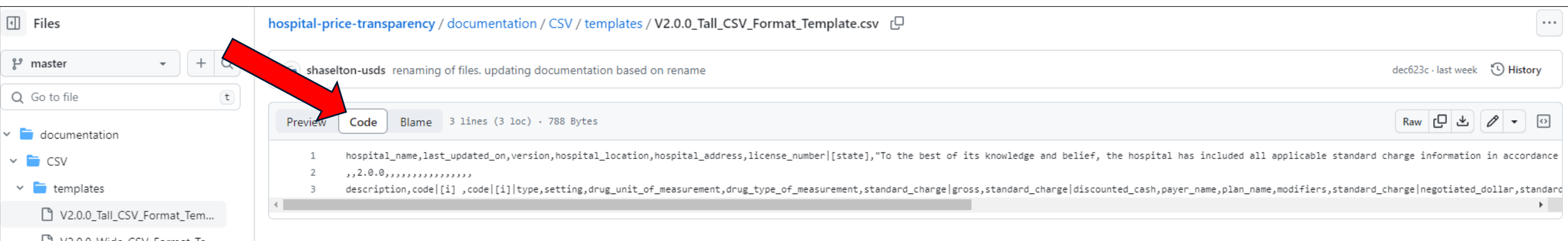
dec623c · last week History

Preview Code Blame 3 lines (3 loc) · 788 Bytes

Raw Copy Download Edit

Search this file

1	hospital_name	last_updated_on	version	hospital_location	hospital_address	license_number [state]	To the best of its knowledge and belief, the hospital has included all applicable standard charge information in accordance with the requirem
2			2.0.0				
3	description	code [i]	code [i] type	setting	drug_unit_of_measurement	drug_type_of_measurement	standard_charge gross



Files

master

Go to file

- documentation
- CSV
- templates
  - V2.0.0\_Tall\_CSV\_Format\_Tem...
  - V2.0.0\_Wide\_CSV\_Format\_Te...

hospital-price-transparency / documentation / CSV / templates / V2.0.0\_Tall\_CSV\_Format\_Template.csv

shaselton-usds renaming of files. updating documentation based on rename

dec623c · last week History

Preview Code Blame 3 lines (3 loc) · 788 Bytes

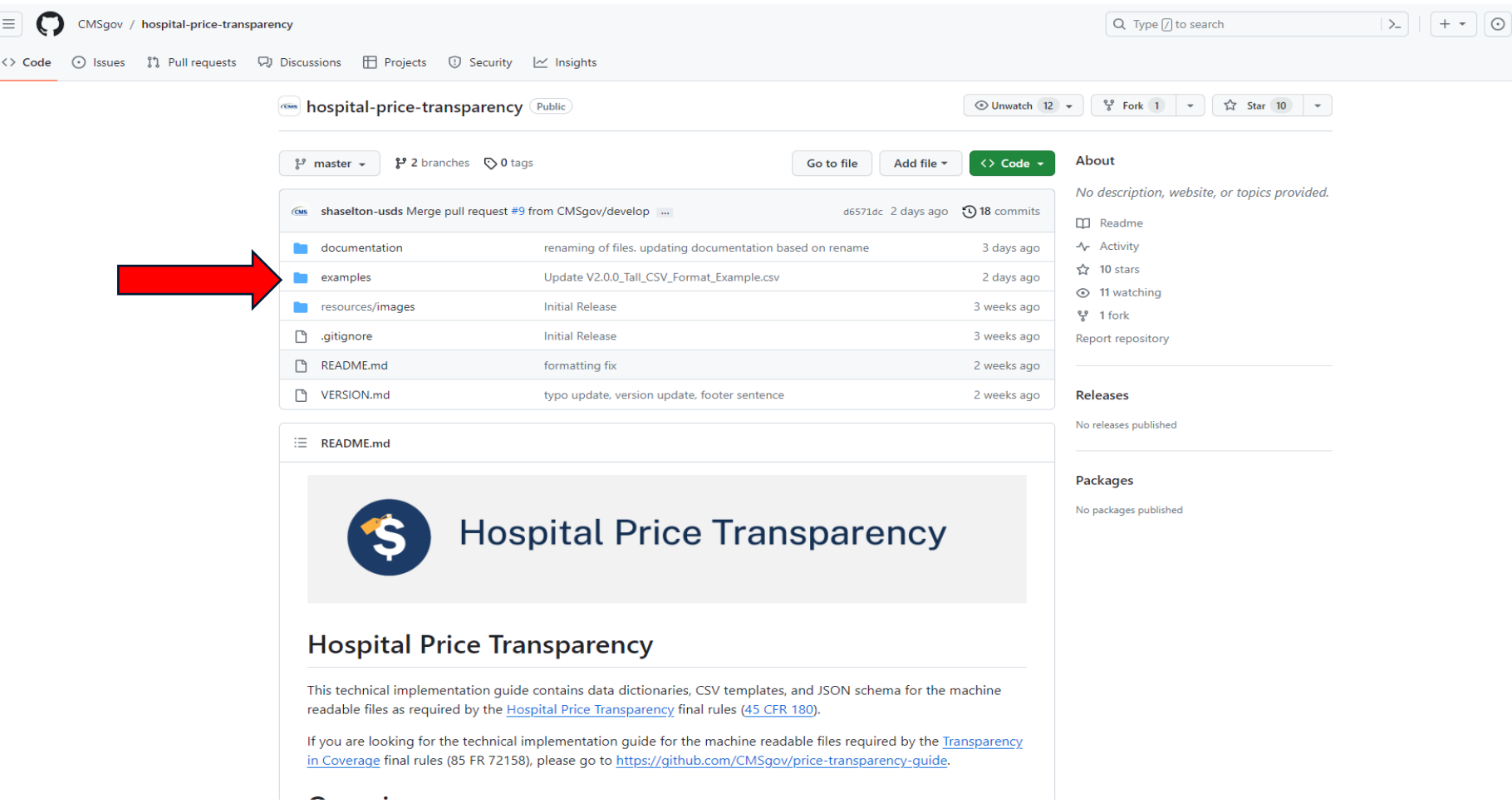
Raw Copy Download Edit

```
1 hospital_name,last_updated_on,version,hospital_location,hospital_address,license_number|[state],  
2 ,,2.0.0,,,,,,,,,,,,,  
3 description,code|[i] ,code|[i]|type,setting,drug_unit_of_measurement,drug_type_of_measurement,standard_charge|gross,standard_charge|discounted_cash,payer_name,plan_name,modifiers,standard_charge|negotiated_dollar,standard
```



# Accessing Examples

## Step 1: Select “examples” from homepage



The screenshot shows the GitHub repository page for 'CMSgov / hospital-price-transparency'. The repository is public and has 12 unwatchers, 1 fork, and 10 stars. The file list includes 'documentation', 'examples', 'resources/images', '.gitignore', 'README.md', and 'VERSION.md'. A red arrow points to the 'examples' folder. The README content is visible below the file list, featuring the 'Hospital Price Transparency' logo and introductory text.

File	Description	Time
documentation	renaming of files. updating documentation based on rename	3 days ago
examples	Update V2.0.0_Tall_CSV_Format_Example.csv	2 days ago
resources/images	Initial Release	3 weeks ago
.gitignore	Initial Release	3 weeks ago
README.md	formatting fix	2 weeks ago
VERSION.md	typo update, version update, footer sentence	2 weeks ago

**README.md**

### Hospital Price Transparency

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If you are looking for the technical implementation guide for the machine readable files required by the [Transparency in Coverage](#) final rules (85 FR 72158), please go to <https://github.com/CMSgov/price-transparency-guide>.



# Accessing Examples

## Step 2: Select “CSV” or “JSON”

The screenshot shows a GitHub repository for 'hospital-price-transparency'. The left sidebar shows a file tree with folders like 'documentation', 'examples', 'CSV', 'Tall Format Examples', 'Wide Format Examples', 'JSON', and 'resources'. The main area shows the 'examples' folder with sub-folders 'CSV' and 'JSON', and a file 'README.md'. A table in the README provides references for different scenarios across different file formats.

Scenario	Reference in <a href="#">Wide CSV Format Example</a>	Reference in <a href="#">Tall CSV Format Example</a>	Reference in <a href="#">JSON Format Example</a>
Multiple hospital locations	Row 2, <code>hospital_location</code>	Row 2, <code>hospital_location</code>	Lines 5-7
Case rate: MS-DRG algorithm displayed multiple ways	Rows 4-6, Platform Health Insurance PPO	Rows 4-6	Lines 41-62
Percent of total billed charges	Rows 4-6, Region Health Insurance HMO	Row 7	Lines 65-69
Fee schedule: Standard charge is a percent of a common fee schedule where the standard charge dollar amount can be calculated	Row 7, Platform Health Insurance PPO	Row 8	Lines 92-96
Fee schedule: Standard charge is a percent of a common fee schedule where the standard charge dollar amount cannot be calculated	Row 7, Region Health Insurance HMO	Row 9	Lines 99-104
Per diem: Standard charge does not vary with length of stay	Row 8, Platform Health Insurance PPO	Row 10	Lines 127-130



# Accessing Examples

## Step 3: For CSV, select “Tall” or “Wide”

<> Code Issues Pull requests Discussions Projects Security Insights

Files

master

Go to file

- documentation
- examples
  - CSV**
    - Tall Format Examples
    - Wide Format Examples
  - JSON
  - resources

hospital-price-transparency / examples / CSV /

shaselton-usds Update V2.0.0\_Tall\_CSV\_Format\_Example.csv 3a0e84c · 5 days ago History

Name	Last commit message	Last commit date
..		
Tall Format Examples	Update V2.0.0_Tall_CSV_Format_Example.csv	5 days ago
Wide Format Examples	renaming of files. updating documentation based on rename	last week



# Accessing Examples

Step 4: Once you have selected the desired format, select the example file

The screenshot shows the GitHub interface for the repository `hospital-price-transparency`. The breadcrumb path is `hospital-price-transparency / examples / CSV / Tall Format Examples`. The left sidebar shows the file tree with `Tall Format Examples` selected. The main content area displays a table of files and folders:

Name	Last commit message	Last commit date
..		
V2.0.0_Tall_CSV_Format_Example.csv	Update V2.0.0_Tall_CSV_Format_Example.csv	last week

A red arrow points to the file `V2.0.0_Tall_CSV_Format_Example.csv` in the table. Above the table, a commit summary shows `shaselton-usds Update V2.0.0_Tall_CSV_Format_Example.csv` with commit hash `3a0e84c` and a `History` link.



# Accessing Examples

Step 5: Once you have selected the desired format, you can view the example on GitHub in “Preview” view, “Code” view, or download the example in a separate file.

hospital-price-transparency / examples / CSV / Tall Format Examples / V2.0.0\_Tall\_CSV\_Format\_Example.csv

shaselton-usds Update V2.0.0\_Tall\_CSV\_Format\_Example.csv 3a0e84c · last week History

Preview Code Blame 13 lines (13 loc) · 3.45 KB

1	hospital_name	last_updated_on	version	hospital_location	hospital_address
2	West Mercy Hospital	2024-07-01	2.0.0	West Mercy Hospital West Mercy Surgical Center	12 Main Street, Fullerton, CA 92832 23 Ocean Ave, San Jose
3	description	code 1	code 1 type	code 2	code 2 type
4	Major hip and knee joint replacement or reattachment of lower extremity without mcc	470	MS-DRG	175869	LOCAL
5	Major hip and knee joint replacement or reattachment of lower extremity without mcc	470	MS-DRG	175869	LOCAL

hospital-price-transparency / examples / CSV / Tall Format Examples / V2.0.0\_Tall\_CSV\_Format\_Example.csv

shaselton-usds Update V2.0.0\_Tall\_CSV\_Format\_Example.csv 3a0e84c · last week History

Preview Code Blame 13 lines (13 loc) · 3.45 KB

```
1 hospital_name,last_updated_on,version,hospital_location,hospital_address,license_number|CA,"To the best of its knowledge and belief, the hospital has included all applicable standard charge information in accordance with
2 West Mercy Hospital,2024-07-01,2.0.0,West Mercy Hospital|West Mercy Surgical Center,"12 Main Street, Fullerton, CA 92832|23 Ocean Ave, San Jose, CA 94088",50056,true,,,,,,,,,,,,,
3 description,code|1 ,code|1|type,code|2 ,code|2|type,modifiers,setting,drug_unit_of_measurement,drug_type_of_measurement,standard_charge|gross,standard_charge|discounted_cash,payer_name,plan_name,standard_charge|negotiated
4 Major hip and knee joint replacement or reattachment of lower extremity without mcc,470,MS-DRG,175869,LOCAL,,inpatient,,,,,Platform Health Insurance,PPO,20000.00,,MS-DRG,22243.34,case rate,20000.00,20000.00,
5 Major hip and knee joint replacement or reattachment of lower extremity without mcc,470,MS-DRG,175869,LOCAL,,inpatient,,,,,Platform Health Insurance,PPO,20000.00,,https://www.cms.gov/Outreach-and-Education/Medicare-Learn
6 Major hip and knee joint replacement or reattachment of lower extremity without mcc,470,MS-DRG,175869,LOCAL,,inpatient,,,,,Platform Health Insurance,PPO,20000.00,,The adjusted base payment rate indicated in the standard_c
```



# How to Access and Start a Discussion

Step 1: From any page in the GitHub, select “Discussions” at the top to view discussions

The screenshot shows the GitHub interface for the repository 'CMSgov / hospital-price-transparency'. At the top, there is a navigation bar with tabs for 'Code', 'Issues', 'Pull requests', 'Discussions', 'Projects', 'Security', and 'Insights'. A red arrow points to the 'Discussions' tab. Below the navigation bar, the repository name 'hospital-price-transparency' is displayed, along with 'Unwatch 12', 'Fork 1', and 'Star 10' buttons. The main content area shows a file tree with folders like 'documentation', 'examples', and 'resources/images', and files like '.gitignore', 'README.md', and 'VERSION.md'. The 'README.md' file is selected, showing a header with a dollar sign icon and the title 'Hospital Price Transparency'. The text below the header describes the technical implementation guide and provides a link to the 'Transparency in Coverage' final rules.





# How to Access and Start a Discussion

## Step 2: To start a new discussion, select “New discussion”

The screenshot shows the GitHub interface for the repository `CMSgov / hospital-price-transparency`. The navigation bar includes links for Code, Issues, Pull requests, Discussions, Projects, Security, and Insights. The main content area displays a discussion titled "Requesting .txt File in Root Folder Example" by user kaylaharrison. Below this, there are filters for search (is:open), sorting (Latest activity), and filtering (Open). A prominent green button labeled "New discussion" is highlighted with a red arrow. On the left, a "Categories" sidebar lists options like Announcements, General, Ideas, Polls, Q&A, and Show and tell. The "Discussions" section lists three active discussions with their respective counts and authors.

Category	Count	Discussion Title	Author	Time	Status	Answers
Q&A	12	Requesting .txt File in Root Folder Example	kaylaharrison	2 weeks ago	Unanswered	2
Q&A	4	More information needed on .txt file in the folder	thompr	3 days ago	Unanswered	0
Q&A	1	CSV Wide and additional billing codes	JaSimps5	2 weeks ago	Unanswered	0








# How to Access and Start a Discussion

## Step 3: Select a discussion category and enter in the discussion information



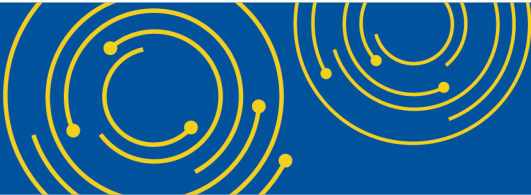
### Select a discussion category

 <b>General</b> Chat about anything and everything here	<a href="#">Get started</a>
 <b>Ideas</b> Share ideas for new features	<a href="#">Get started</a>
 <b>Polls</b> Take a vote from the community	<a href="#">Get started</a>
 <b>Q&amp;A</b> Ask the community for help Answers enabled	<a href="#">Get started</a>
 <b>Show and tell</b> Show off something you've made	<a href="#">Get started</a>



# Appendix C - Examples

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# CMS Templates and Data Dictionary are in CMS GitHub

CMS templates are downloadable from GitHub: <https://github.com/CMSgov/hospital-price-transparency/tree/master/documentation/CSV/templates>

- Templates are pre-populated with headers, template version (2.0.0) and the required affirmation statement.

Files

master

Go to file

documentation

CSV

templates

V2.0.0\_Tall\_CSV\_Format\_Tem...

V2.0.0\_Wide\_CSV\_Format\_Te...

README.md

JSON

hospital-price-transparency / documentation / CSV / templates / V2.0.0\_Tall\_CSV\_Format\_Template.csv

shaseldon-usds renaming of files. updating documentation based on rename

dec623c · last week History

Preview Code Blame 3 lines (3 loc) · 788 Bytes

Raw Copy Download Edit

Search this file

1	hospital_name	last_updated_on	version	hospital_location	hospital_address	license_number[state]	To the best of its knowledge and belief, the hospital has included all applicable standard charge information in accordance with the requirem
2			2.0.0				
3	description	code:103	code:103	setting	date unit of measurement	date type of measurement	standard charge class

Download the template here



# Data Dictionary Example: Using Pipes for Encoding Valid Values

Use “Pipes” to indicate a separation for different pieces of information in a single cell.

- Example: your hospital’s standard charges apply to multiple hospital locations/addresses

## Data Dictionary Instructions

Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
hospital_location	hospital_location	Hospital Location(s)	String	The unique name of the hospital location absent any acronyms.	No

## CSV MRF Implementation

	last_updated_on	version	hospital_location	hospital_address
	2024-07-01	2.0.0	West Mercy Hospital West Mercy Surgical Center	12 Main Street, Fullerton, CA 92832 23 Ocean Ave, San Jo
	code 1	code 1 type	code 2	code 2 type
	470	MS-DRG	175869	LOCAL
	470	MS-DRG	175869	LOCAL



# Data Dictionary Example: Use of Pipes and Brackets in Headers

**Brackets signal that you must supply relevant information**

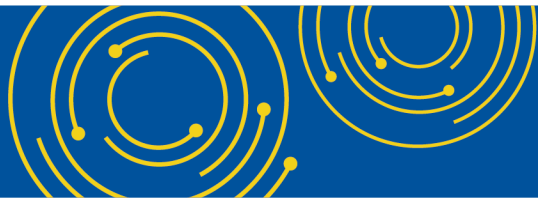
Example: Hospital license number

## Data Dictionary Instructions

Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
license_number   [state]	license_number   [state]	Hospital Licensure Information	String	The hospital license number and the licensing state or territory's two-letter abbreviation for the hospital location(s) indicated in the file. See <a href="#">additional csv placeholder notes</a> for	Yes

## CSV MRF Implementation

	D	E	F
1	hospital_location	hospital_address	license_number CA
2	West Mercy Hospital West Mercy Surgical Center	12 Main Street, Fullerton, CA 92832 23 Ocean Ave, San Jose, CA 94088	50056



# Data Dictionary Example: Required Affirmation Statement

You must include an affirmation statement in the MRF and encode either “true” or “false”

## Data Dictionary Instructions

Column Header (Tall format)	Column Header (Wide format)	Name	Type	Definition	Blanks Accepted
Header is <a href="#">Affirmation Statement</a>	Header is <a href="#">Affirmation Statement</a>	Affirmation Statement	Boolean	Required affirmation statement. Valid values: <code>true</code> and <code>false</code> . See <a href="#">additional affirmation notes</a> for more details.	No

## CSV MRF Implementation

	E	F	G
1	hospital_address	license_number CA	To the best of its knowledge and belief, the hospital has included all applicable standard charge information in accordance with the requirements of 45 CFR 180.50, and the information encoded is true, accurate, and complete as of the date indicated.
2	12 Main Street, Fullerton, CA 92832 23 Ocean Ave, San Jose, CA 94088	50056	TRUE

