

Data Dictionary for Care Compare and Provider Data  
Catalog:  
Home Health Quality Reporting Program (HHQRP) and  
Value-Based Purchasing (HHVBP)  
Version 11.0

## Version Details

Version Number	Date	Details
1.0	January 2020	Measures Removed: <ul style="list-style-type: none"> <li>Emergency Department Use without Hospital Readmission during the First 30 Days of HH (CBE #2505)</li> <li>Rehospitalization during the First 30 Days of Home Health (CBE #2380)</li> </ul>
2.0	April 2020	Measures Removed <ul style="list-style-type: none"> <li>How often patients had less pain when moving around</li> </ul>
3.0	July 2020	Revisions <ul style="list-style-type: none"> <li>Updated with more recent version of CAHPS tables.</li> <li>Removed duplicative variables: How often patients remained in the community after discharge from home health</li> <li>Footnote for How often patients remained in the community after discharge from home health</li> </ul>
4.0	October 2020	Measures Removed: <ul style="list-style-type: none"> <li>How often patients developed new or worsened pressure ulcers (CBE #0678)</li> </ul> Measures Added: <ul style="list-style-type: none"> <li>Changes in Skin Integrity Post-Acute Care: Pressure Ulcer/Injury</li> </ul> Revisions <ul style="list-style-type: none"> <li>Revised title to reflect transition from Home Health Compare to Care Compare</li> <li>Updated file names and added section on “File Naming Convention”</li> <li>Added section on the HH_MeasureDateRange_MMMYYYY.csv file</li> </ul>
5.0	July 2021	Measures Removed <ul style="list-style-type: none"> <li>Depression Assessment Conducted</li> <li>Diabetic Foot Care and Patient/Caregiver Education Implemented during All Episodes of Care</li> <li>Multifactor Fall Risk Assessment Conducted for All Patients Who Can Ambulate</li> <li>Pneumococcal Polysaccharide Vaccine Ever Receive</li> <li>Improvement in the Status of Surgical Wounds</li> </ul>
6.0	January 2022	Revisions <ul style="list-style-type: none"> <li>Added introduction</li> <li>Changed format</li> <li>Revised variable name in HH_State_MMMYYYY.csv for Medicare Spending Per Beneficiary</li> </ul>
7.0	April 2022	Measures Added <ul style="list-style-type: none"> <li>Percent of Residents Experiencing One or More Falls with Major Injury</li> <li>Application of Percent of Long-Term Care Hospital Patients with an Admission and Discharge Functional Assessment</li> </ul>

<b>Version Number</b>	<b>Date</b>	<b>Details</b>
8.0	July 2022	Revision <ul style="list-style-type: none"> <li>Revised variable type for Measure Date Range variable in HH_MeasureDateRange_MMMYYYY.csv to be “Character” variable.</li> </ul>
9.0	October 2023	Measure Added <ul style="list-style-type: none"> <li>Home Health Within-Stay Potentially Preventable Hospitalization</li> </ul> Measure Removed <ul style="list-style-type: none"> <li>Drug Education on All Medications Provided to Patient/Caregiver during All Episodes of Care</li> </ul> Revision <ul style="list-style-type: none"> <li>Standardization of data variable names</li> </ul>
10.0	October 2024	Measures Removed <ul style="list-style-type: none"> <li>Acute Care Hospitalization During the First 60 Days of Home Health</li> <li>Emergency Department Use without Hospitalization During the First 60 days of Home Health</li> </ul> Revision <ul style="list-style-type: none"> <li>Update to Type of Ownership categories</li> </ul>
11.0	January 2025	Measure Removed <ul style="list-style-type: none"> <li>Application of Percent of Long-Term Care Hospital Patients with an Admission and Discharge Functional Assessment and a Care Plan that Addresses Function Process Measure</li> </ul> Measures Added <ul style="list-style-type: none"> <li>Transfer of Health Information to the Patient</li> <li>Transfer of Health Information to the Provider</li> <li>Discharge Function</li> </ul> Revisions <ul style="list-style-type: none"> <li>Addition of numerator and denominator values for OASIS measures</li> <li>Addition of expanded Home Health Value-Based Purchasing (HHVBP) data files and variables</li> </ul>

## Introduction

The Centers for Medicare & Medicaid Services (CMS) created Care Compare, a streamlined redesign of the original eight CMS healthcare compare tools. Care Compare provides a single user-friendly interface that enables patients and caregivers to make informed decisions about healthcare based on cost, quality of care, volume of services, and other data. Information about the quality measures on Care Compare are presented similarly and clearly across all provider types and care settings. Consumers are able to select multiple facilities and directly compare their performance on quality measure information. To access the Care Compare website, please visit [www.medicare.gov/care-compare/](http://www.medicare.gov/care-compare/).

This document provides information about the Home Health Quality Reporting Program (HHQRP) data on Care Compare. There is data for over 11,100 Home Health Agencies (HHAs) on Care Compare. More information about the HH quality measures displayed on Care Compare can be found by visiting the HH Quality Reporting Measures Information page at: <https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/HomeHealthQualityInits/Home-Health-Quality-Measures>. This document now also includes variable information for the expanded Home Health Value-based Purchasing (HHVBP) Model data. This information is based on the variables reported in the Final CY 2024 Annual Performance Report (APR) issued to HHAs in late 2024 and published in the Provider Data Catalog (PDC) in January 2025. Note that HHVBP data are not reported on Care Compare.

Care Compare information about HHAs is typically updated, or refreshed, each quarter in January, April, July, and October; however, the refresh schedule is subject to change and not all measure data will be updated during each quarterly release.

Links to download the data from the zipped comma-separated value (CSV) flat file formats can be found on the Provider Data Catalog (PDC) website. Archived data are also available in the Provider Data Catalog. To access the Provider Data Catalog website, please visit: <https://data.cms.gov/provider-data/>.

Care Compare and the PDC are publicly accessible websites. As works of the U.S. government, Care Compare data are in the public domain and permission is not required to reuse them. An attribution to the Centers for Medicare and Medicaid Services as the data source is appreciated. However, Care Compare data should not be construed as an endorsement by the U.S. Department of Health and Human Services of any health care provider's products or services. Conveying a false impression of government approval, endorsement or authorization of products or services is forbidden. See 42 U.S.C.1320b-10.

## Document Purpose

The purpose of this document is to provide a directory of material for use in the navigation of (1) HH quality information contained with the Care Compare downloadable databases found on the PDC website and (2) HHVBP information found in the PDC only.

## File Naming Convention

The files described in the tables below for home health (HH) agencies are named using the following convention: HH\_Key\_Words\_[RefreshMMMYYYY]. Thus, for the October 2024 refresh, the file with data on providers is "HH\_Provider\_Oct2023" and the file with national scores is "HH\_National\_Oct2024."

For HHCAHPS measures, files are named following this convention HHCAHPS\_Key Words\_[RefreshMMMYYYY]. Thus, for the October 2024 refresh, the file with HHCAHPS Survey data for providers is "HHCAHPS\_Provider\_Oct2024.csv"

For HHVBP performance metrics, files are named using the following convention: HHVBP\_Key\_Words\_[PerformanceYear\_YYYY]. Thus, for the first performance year of the expanded HHVBP Model, the file with data on provider is “HHVBP\_Provider\_PerformanceYear\_2023” and the file with cohort data is “HHVBP\_Cohort\_PerformanceYear\_2023.” The Table names display the Key Words used in each file name, along with a placeholder Month and Year for the month and year of the refresh associated with the file.

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**Table 1: Acronym Index**

<b>Acronym</b>	<b>Meaning</b>
ACH	Acute Care Hospitalization During the First 60 Days of Home Health Use
APR	Annual Performance Report
AT	Achievement Threshold
APP	Adjusted Payment Percentage
BM	Benchmark
CAHPS	Consumer Assessment of Healthcare Providers and Systems
CCN	CMS Certification Number
CMS	Centers for Medicare & Medicaid Services
DTC	Discharge to Community or Discharged to Community
ED	Emergency Department
ER	Emergency Room
IT	Improvement Threshold
HH	Home Health
HHA	Home Health Agency
LEF	Linear Exchange Function
NA	Not available
OASIS	Outcome and Assessment Information Set
PAC	Post-Acute Care
PDC	Provider Data Catalog
PPH	Potentially Preventable Hospitalization
PPR	Potentially Preventable Readmission
PY	Performance Year
TNC	Total Normalized Composite
TPS	Total Performance Score
QRP	Quality Reporting Program
VBP	Value-Based Purchasing

## Table 2: File Summary

The list below shows the titles of all CSV flat file names included in the downloadable database. CSV Flat Files Note: Opening CSV files in Excel will remove leading zeros from data fields. Since some data, such as provider numbers, contain leading zeroes, it is recommended that you open CSV files using text editor programs such as Notepad to copy or view CSV file content. The CSV column names and file names should mirror the datasets found on <https://data.cms.gov/provider-data/>.

File Name*	PDC Dataset Title	Description
HH_Provider_MMMYYYY.csv	Home Health Care Agencies	A list of home health care facilities with data on the HHQRP quality of patient care measures shown on Care Compare.
HH_State_MMM_YYYY.csv	Home Health Care – State by State Data	State data on the HHQRP quality of patient care measures shown on Care Compare.
HH_National_MMMYYYY.csv	Home Health Care National Data	National data on the HHQRP quality of patient care measures shown on Care Compare.
HH_ZIP_MMMYYYY.csv	Home Health Care – Zip Codes	This file contains information on the areas served by the home health agency. It is based on OASIS assessments submitted by the home health agency during the data collection period. There is one record for each ZIP code in which there was at least one patient served by the home health agency.
HH_MeasureDateRange_MMMYYYY.csv	Home Health Care – Measure Date Range	A list of the HHQRP quality of patient care measure data collection periods.
HHCAHPS_Provider_MMMYYYY.csv	Home Health Care – Patient Survey (HHCAHPS) YYYYQX to YYYYQX	A list of the home health care facilities with data on the HHQRP patient survey measures shown on Care Compare.
HHCAHPS_National_MMMYYYY.csv	Home Health Care – Patient Survey (HHCAHPS) National Data YYYYQX to YYYYQX	National data on the HHQRP patient survey measures shown on Care Compare.
HHCAHPS_State_MMMYYYY.csv	Home Health Care – Patient Survey (HHCAHPS) State Data YYYYQX to YYYYQX	State data on the HHQRP patient survey measures shown on Care Compare.



<b>File Name*</b>	<b>PDC Dataset Title</b>	<b>Description</b>
<b>HHCAHPS_MeasureDateRange_MMMYYYY.csv</b>	<b>Home Health Care – Patient Survey (HHCAHPS) Measure Dates YYYYQX to YYYYQX</b>	A list of the HHQRP patient survey measure data collection periods.
<b>HHVBP_Provider_PerformanceYear_YYYY.csv</b>	<b>Expanded Home Health Value-based Purchasing (HHVBP) Model – Agency Data</b>	A list of active home health care agencies with data on the HHVBP performance metrics.
<b>HHVBP_Cohort_PerformanceYear_YYYY.csv</b>	<b>Expanded Home Health Value-based Purchasing (HHVBP) Model – Cohort Data</b>	Cohort data on the HHVBP performance metrics.
<b>HHS_Data_Dictionary.pdf</b>	<b>HHS_Data_Dictionary</b>	Data dictionary
<b>readme.txt</b>	<b>N/A</b>	Information about viewing the data dictionary PDF file.

\*HHCAHPS dataset names include the refresh-specific data range, the above format, for each of the four datasets available on the PDC. Thus, the dataset name will change for each refresh to align with the content of the files.

**Table 3: HH\_Provider\_MMMYYYY.csv (66 columns) Variables**

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>1.</b>	<b>State</b>	Character	The two character postal code for the state or territory in which the home health agency is located.
<b>2.</b>	<b>CMS Certification Number (CCN)</b>	Numeric	The six character identification number assigned to the home health agency by CMS.
<b>3.</b>	<b>Provider Name</b>	Character	The name of the home health agency as it appears in the CMS certification system.
<b>4.</b>	<b>Address</b>	Character	The street address of the home health agency.
<b>5.</b>	<b>City/Town</b>	Character	The city/town in which the home health agency is located.
<b>6.</b>	<b>ZIP Code</b>	Numeric	The five-digit ZIP code of the home health agency.
<b>7.</b>	<b>Telephone Number</b>	Numeric	The ten-digit telephone number of the home health agency.
<b>8.</b>	<b>Type of Ownership</b>	Character	The general control type of the home health agency. Categories include: <ul style="list-style-type: none"> <li>• Non-Profit</li> <li>• Proprietary</li> <li>• Government Operated</li> </ul>
<b>9.</b>	<b>Offers Nursing Care Services</b>	Character	Yes or No.
<b>10.</b>	<b>Offers Physical Therapy Services</b>	Character	Yes or No.
<b>11.</b>	<b>Offers Occupational Therapy Services</b>	Character	Yes or No.
<b>12.</b>	<b>Offers Speech Pathology Services</b>	Character	Yes or No.
<b>13.</b>	<b>Offers Medical Social Services</b>	Character	Yes or No.
<b>14.</b>	<b>Offers Home Health Aide Services</b>	Character	Yes or No.
<b>15.</b>	<b>Certification Date</b>	Date	The original date the home health agency was certified to participate in the Medicare program.
<b>16.</b>	<b>Quality of patient care star rating</b>	Numeric	A numeric rating from 1 through 5, in increments of 0.5.
<b>17.</b>	<b>Footnote for quality of patient care star rating</b>	Character	If the rating value is missing (blank), the reason the rating was not calculated is explained here.
<b>18.</b>	<b>Numerator for how often the home health team began their patients' care in a timely manner</b>	Numeric	The measure numerator.
<b>19.</b>	<b>Denominator for how often the home health team began their patients' care in a timely manner</b>	Numeric	The measure denominator.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
20.	<b>How often the home health team began their patients' care in a timely manner</b>	Numeric	The measure percentage as reported on Care Compare.
21.	<b>Footnote for how often the home health team began their patients' care in a timely manner</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
22.	<b>Numerator for how often the home health team determined whether patients received a flu shot for the current flu season</b>	Numeric	The measure numerator.
23.	<b>Denominator for how often the home health team determined whether patients received a flu shot for the current flu season</b>	Numeric	The measure denominator.
24.	<b>How often the home health team determined whether patients received a flu shot for the current flu season</b>	Numeric	The measure percentage as reported on Care Compare.
25.	<b>Footnote for how often the home health team determined whether patients received a flu shot for the current flu season</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
26.	<b>Numerator for how often patients got better at walking or moving around</b>	Numeric	The measure numerator.
27.	<b>Denominator for how often patients got better at walking or moving around</b>	Numeric	The measure denominator.
28.	<b>How often patients got better at walking or moving around</b>	Numeric	The measure percentage as reported on Care Compare.
29.	<b>Footnote for how often patients got better at walking or moving around</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
30.	<b>Numerator for how often patients got better at getting in and out of bed</b>	Numeric	The measure numerator.
31.	<b>Denominator for how often patients got better at getting in and out of bed</b>	Numeric	The measure denominator.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
32.	<b>How often patients got better at getting in and out of bed</b>	Numeric	The measure percentage as reported on Care Compare.
33.	<b>Footnote for how often patients got better at getting in and out of bed</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
34.	<b>Numerator for how often patients got better at bathing</b>	Numeric	The measure numerator.
35.	<b>Denominator for how often patients got better at bathing</b>	Numeric	The measure denominator.
36.	<b>How often patients got better at bathing</b>	Numeric	The measure percentage as reported on Care Compare.
37.	<b>Footnote for how often patients got better at bathing</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
38.	<b>Numerator for how often patients' breathing improved</b>	Numeric	The measure numerator.
39.	<b>Denominator for how often patients' breathing improved</b>	Numeric	The measure denominator.
40.	<b>How often patients' breathing improved</b>	Numeric	The measure percentage as reported on Care Compare.
41.	<b>Footnote for how often patients' breathing improved</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
42.	<b>Numerator for how often patients got better at taking their drugs correctly by mouth</b>	Numeric	The measure numerator.
43.	<b>Denominator for how often patients got better at taking their drugs correctly by mouth</b>	Numeric	The measure denominator.
44.	<b>How often patients got better at taking their drugs correctly by mouth</b>	Numeric	The measure percentage as reported on Care Compare.
45.	<b>Footnote for how often patients got better at taking their drugs correctly by mouth</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
46.	<b>Numerator for Changes in skin integrity post-acute care: pressure ulcer/injury</b>	Numeric	The measure numerator.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
47.	<b>Denominator for Changes in skin integrity post-acute care: pressure ulcer/injury</b>	Numeric	The measure denominator.
48.	<b>Changes in skin integrity post-acute care: pressure ulcer/injury</b>	Numeric	The measure percentage as reported on Care Compare.
49.	<b>Footnote for changes in skin integrity post-acute care: pressure ulcer/injury</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
50.	<b>Numerator for how often physician-recommended actions to address medication issues were completely timely</b>	Numeric	The measure numerator.
51.	<b>Denominator for how often physician-recommended actions to address medication issues were completely timely</b>	Numeric	The measure denominator.
52.	<b>How often physician-recommended actions to address medication issues were completely timely</b>	Numeric	The measure percentage as reported on Care Compare.
53.	<b>Footnote for how often physician-recommended actions to address medication issues were completely timely</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
54.	<b>Numerator for Percent of Residents Experiencing One or More Falls with Major Injury</b>	Numeric	The measure numerator.
55.	<b>Denominator for Percent of Residents Experiencing One or More Falls with Major Injury</b>	Numeric	The measure denominator.
56.	<b>How often a patient had one or more falls with a major injury</b>	Numeric	The measure percentage as reported on Care Compare.
57.	<b>Footnote for how often a patient had one or more falls with a major injury</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>58.</b>	<b>Numerator for Discharge Function Score</b>	Numeric	The measure numerator.
<b>59.</b>	<b>Denominator for Discharge Function Score</b>	Numeric	The measure denominator.
<b>60.</b>	<b>Discharge Function Score</b>	Numeric	The measure percentage as reported on Care Compare.
<b>61.</b>	<b>Footnote for Discharge Function Score</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
<b>62.</b>	<b>Numerator for Transfer of Health Information to the Provider</b>	Numeric	The measure numerator.
<b>63.</b>	<b>Denominator for Transfer of Health Information to the Provider</b>	Numeric	The measure denominator.
<b>64.</b>	<b>Transfer of Health Information to the Provider</b>	Numeric	The measure percentage as reported on Care Compare.
<b>65.</b>	<b>Footnote for Transfer of Health Information to the Provider</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
<b>66.</b>	<b>Numerator for Transfer of Health Information to the Patient</b>	Numeric	The measure numerator.
<b>67.</b>	<b>Denominator for Transfer of Health Information to the Patient</b>	Numeric	The measure denominator.
<b>68.</b>	<b>Transfer of Health Information to the Patient</b>	Numeric	The measure percentage as reported on Care Compare.
<b>69.</b>	<b>Footnote for Transfer of Health Information to the Patient</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
<b>70.</b>	<b>DTC Numerator</b>	Numeric	Observed Number of Discharges to Community
<b>71.</b>	<b>DTC Denominator</b>	Numeric	Number of Eligible Stays for DTC Measure
<b>72.</b>	<b>DTC Observed Rate</b>	Numeric	Observed Discharge to Community Rate
<b>73.</b>	<b>DTC Risk-Standardized Rate</b>	Numeric	Risk-Standardized Discharge to Community Rate
<b>74.</b>	<b>DTC Risk-Standardized Rate (Lower Limit)</b>	Numeric	Lower Limit of the 95% Confidence Interval on the Risk- Standardized Discharge to Community Rate
<b>75.</b>	<b>DTC Risk-Standardized Rate (Upper Limit)</b>	Numeric	Upper Limit of the 95% Confidence Interval on the Risk- Standardized Discharge to Community Rate
<b>76.</b>	<b>DTC Performance Categorization</b>	Character	DTC Comparative Performance Category - One of the following descriptive phrases: “Better than National Rate”, “Worse than National Rate”, or “Same as National Rate”

Column Number	Variable Name	Variable Type	Description
77.	<b>Footnote for DTC Risk-Standardized Rate</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
78.	<b>PPR Numerator</b>	Numeric	Observed Number of Potentially Preventable Readmissions Following Discharge.
79.	<b>PPR Denominator</b>	Numeric	Number of Eligible Stays for PPR Measure.
80.	<b>PPR Observed Rate</b>	Numeric	Observed Potentially Preventable Readmissions Rate.
81.	<b>PPR Risk-Standardized Rate</b>	Numeric	Risk-Standardized Potentially Preventable Readmissions Rate.
82.	<b>PPR Risk-Standardized Rate (Lower Limit)</b>	Numeric	Lower Limit of the 95% Confidence Interval on the Risk- Standardized Potentially Preventable Readmissions Rate.
83.	<b>PPR Risk-Standardized Rate (Upper Limit)</b>	Numeric	Upper Limit of the 95% Confidence Interval on the Risk- Standardized Potentially Preventable Readmissions Rate.
84.	<b>PPR Performance Categorization</b>	Character	PPR Comparative Performance Category: One of the following descriptive phrases: “Better than National Rate”, “Worse than National Rate”, or “Same as National Rate”.
85.	<b>Footnote for PPR Risk-Standardized Rate</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
86.	<b>PPH Numerator</b>	Numeric	Observed Number of Potentially Preventable Hospitalizations Within-Stay
87.	<b>PPH Denominator</b>	Numeric	Number of Eligible Stays for PPH Measure.
88.	<b>PPH Observed Rate</b>	Numeric	Observed Potentially Preventable Hospitalizations Rate
89.	<b>PPH Risk-Standardized Rate</b>	Numeric	Risk-Standardized Potentially Preventable Hospitalizations Rate
90.	<b>PPH Risk-Standardized Rate (Lower Limit)</b>	Numeric	Lower Limit of the 95% Confidence Interval on the Risk- Standardized Potentially Preventable Hospitalizations Rate
91.	<b>PPH Risk-Standardized Rate (Upper Limit)</b>	Numeric	Upper Limit of the 95% Confidence Interval on the Risk- Standardized Potentially Preventable Hospitalizations Rate
92.	<b>PPH Performance Categorization</b>	Character	PPH Comparative Performance Category: One of the following descriptive phrases: “Better than National Rate”, “Worse than National Rate”, or “Same as National Rate”.
93.	<b>Footnote for PPH Risk-Standardized Rate</b>	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
94.	<b>How much Medicare spends on an episode of care at this agency, compared to Medicare spending across all agencies nationally</b>	Numeric	The measure value as reported on Care Compare.

Column Number	Variable Name	Variable Type	Description
95.	Footnote for How much Medicare spends on an episode of care at this agency, compared to Medicare spending across all agencies nationally	Character	If the measure value is missing (blank), the reason the measure was not calculated is explained here.
96.	Number of episodes of care used to calculate how much Medicare spends on an episode of care at this agency, compared to Medicare spending across all agencies nationally.	Numeric	The measure value as reported on Care Compare.

**Table 4: HH\_State\_MMMYYYY.csv (23 columns) Variables**

Column Number	Variable Name	Variable Type	Description
1.	State	Character	The two character postal code for the state or territory
2.	Quality of patient care star rating	Numeric	A numeric rating from 1 through 5, in increments of 0.5.
3.	Star Rating 1 Percentage	Numeric	A numeric rating of 1.
4.	Star Rating 1.5 Percentage	Numeric	A numeric rating of 1.5.
5.	Star Rating 2 Percentage	Numeric	A numeric rating of 2.
6.	Star Rating 2.5 Percentage	Numeric	A numeric rating of 2.5.
7.	Star Rating 3 Percentage	Numeric	A numeric rating of 3.
8.	Star Rating 3.5 Percentage	Numeric	A numeric rating of 3.5.
9.	Star Rating 4 Percentage	Numeric	A numeric rating of 4.
10.	Star Rating 4.5 Percentage	Numeric	A numeric rating of 4.5.
11.	Star Rating 5 Percentage	Numeric	A numeric rating of 5.
12.	How often the home health team began their patients' care in a timely manner	Numeric	The measure percentage as reported on Care Compare.
13.	How often the home health team determined	Numeric	The measure percentage as reported on Care Compare.



<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
	<b>whether patients received a flu shot for the current flu season</b>		
<b>14.</b>	<b>How often patients got better at walking or moving around</b>	Numeric	The measure percentage as reported on Care Compare.
<b>15.</b>	<b>How often patients got better at getting in and out of bed</b>	Numeric	The measure percentage as reported on Care Compare.
<b>16.</b>	<b>How often patients got better at bathing</b>	Numeric	The measure percentage as reported on Care Compare.
<b>17.</b>	<b>How often patients' breathing improved</b>	Numeric	The measure percentage as reported on Care Compare.
<b>18.</b>	<b>How often patients got better at taking their drugs correctly by mouth</b>	Numeric	The measure percentage as reported on Care Compare.
<b>19.</b>	<b>Changes in skin integrity post-acute care: pressure ulcer/injury</b>	Numeric	The measure percentage as reported on Care Compare.
<b>20.</b>	<b>How often physician-recommended actions to address medication issues were completely timely</b>	Numeric	The measure percentage as reported on Care Compare.
<b>21.</b>	<b>How often a patient had one or more falls with a major injury</b>	Numeric	The measure percentage as reported on Care Compare.
<b>22.</b>	<b>Discharge Function Score</b>	Numeric	The measure percentage as reported on Care Compare.
<b>23.</b>	<b>Transfer of Health Information to the Provider</b>	Numeric	The measure percentage as reported on Care Compare.
<b>24.</b>	<b>Transfer of Health Information to the Patient</b>	Numeric	The measure percentage as reported on Care Compare.
<b>25.</b>	<b>How much Medicare spends on an episode of care by agencies in this state, compared to Medicare spending across all agencies nationally</b>	Numeric	The measure percentage as reported on Care Compare.

**Table 5: HH\_National\_MMMYYYY.csv (38 columns) Variables**

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>1.</b>	<b>Country</b>	Character	A constant value, equal to “Nation”.
<b>2.</b>	<b>Quality of patient care star rating</b>	Numeric	A numeric rating from 1 through 5, in increments of 0.5.
<b>3.</b>	<b>Star Rating 1 Percentage</b>	Numeric	A numeric rating of 1.
<b>4.</b>	<b>Star Rating 1.5 Percentage</b>	Numeric	A numeric rating of 1.5.
<b>5.</b>	<b>Star Rating 2 Percentage</b>	Numeric	A numeric rating of 2.
<b>6.</b>	<b>Star Rating 2.5 Percentage</b>	Numeric	A numeric rating of 2.5.
<b>7.</b>	<b>Star Rating 3 Percentage</b>	Numeric	A numeric rating of 3.
<b>8.</b>	<b>Star Rating 3.5 Percentage</b>	Numeric	A numeric rating of 3.5.
<b>9.</b>	<b>Star Rating 4 Percentage</b>	Numeric	A numeric rating of 4.
<b>10.</b>	<b>Star Rating 4.5 Percentage</b>	Numeric	A numeric rating of 4.5.
<b>11.</b>	<b>Star Rating 5 Percentage</b>	Numeric	A numeric rating of 5.
<b>12.</b>	<b>How often the home health team began their patients' care in a timely manner</b>	Numeric	The measure percentage as reported on Care Compare.
<b>13.</b>	<b>How often the home health team determined whether patients received a flu shot for the current flu season</b>	Numeric	The measure percentage as reported on Care Compare.
<b>14.</b>	<b>How often patients got better at walking or moving around</b>	Numeric	The measure percentage as reported on Care Compare.
<b>15.</b>	<b>How often patients got better at getting in and out of bed</b>	Numeric	The measure percentage as reported on Care Compare.
<b>16.</b>	<b>How often patients got better at bathing</b>	Numeric	The measure percentage as reported on Care Compare.
<b>17.</b>	<b>How often patients' breathing improved</b>	Numeric	The measure percentage as reported on Care Compare.
<b>18.</b>	<b>How often patients got better at taking their drugs correctly by mouth</b>	Numeric	The measure percentage as reported on Care Compare.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>19.</b>	<b>Changes in skin integrity post-acute care: pressure ulcer/injury</b>	Numeric	The measure percentage as reported on Care Compare.
<b>20.</b>	<b>How often physician-recommended actions to address medication issues were completely timely</b>	Numeric	The measure percentage as reported on Care Compare.
<b>21.</b>	<b>How often a patient had one or more falls with a major injury</b>	Numeric	The measure percentage as reported on Care Compare.
<b>22.</b>	<b>Discharge Function Score</b>	Numeric	The measure percentage as reported on Care Compare.
<b>23.</b>	<b>Transfer of Health Information to the Provider</b>	Numeric	The measure percentage as reported on Care Compare.
<b>24.</b>	<b>Transfer of Health Information to the Patient</b>	Numeric	The measure percentage as reported on Care Compare.
<b>25.</b>	<b>PPR Number of HHAs that Performed Better than the National Observed Rate</b>	Numeric	Number of HHAs that Performed Better than the National Observed Rate
<b>26.</b>	<b>PPR Number of HHAs that Performed No Different than the National Observed Rate</b>	Numeric	Number of HHAs that Performed No Different than the National Observed Rate
<b>27.</b>	<b>PPR Number of HHAs that Performed Worse than the National Observed Rate</b>	Numeric	Number of HHAs that Performed Worse than the National Observed Rate
<b>28.</b>	<b>PPR Number of HHAs that Have Too Few Cases for Public Reporting</b>	Numeric	Number of HHAs Too Small to Report
<b>29.</b>	<b>PPR National Observed Rate</b>	Numeric	National Observed Preventable Readmission Rate
<b>30.</b>	<b>DTC Number of HHAs that Performed Better than the National Observed Rate</b>	Numeric	Number of HHAs that Performed Better than the National Observed Rate

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>31.</b>	<b>DTC Number of HHAs that Performed No Different than the National Observed Rate</b>	Numeric	Number of HHAs that Performed No Different than the National Observed Rate
<b>32.</b>	<b>DTC Number of HHAs that Performed Worse than the National Observed Rate</b>	Numeric	Number of HHAs that Performed Worse than the National Observed Rate
<b>33.</b>	<b>DTC Number of HHAs that Have Too Few Cases for Public Reporting</b>	Numeric	Number of HHAs Too Small to Report
<b>34.</b>	<b>DTC National Observed Rate</b>	Numeric	National Observed Discharge to Community Rate
<b>35.</b>	<b>PPH Number of HHAs that Performed Better than the National Observed Rate</b>	Numeric	Number of HHAs that Performed Better than the National Observed Rate
<b>36.</b>	<b>PPH Number of HHAs that Performed No Different than the National Observed Rate</b>	Numeric	Number of HHAs that Performed No Different than the National Observed Rate
<b>37.</b>	<b>PPH Number of HHAs that Performed Worse than the National Observed Rate</b>	Numeric	Number of HHAs that Performed Worse than the National Observed Rate
<b>38.</b>	<b>PPH Number of HHAs that Have Too Few Cases for Public Reporting</b>	Numeric	Number of HHAs Too Small to Report
<b>39.</b>	<b>PPH National Observed Rate</b>	Numeric	National Observed Preventable Hospitalization Rate
<b>40.</b>	<b>How much Medicare spends on an episode of care at this agency, compared to Medicare spending across all agencies nationally</b>	Numeric	The measure percentage as reported on Care Compare.

**Table 6: HH\_ZIP\_MMMYYYY.csv (3 columns)**

Column Number	Variable	Variable Type	Description
1.	State	Character	The two character postal code for the state or territory in which the home health agency is located.
2.	CMS Certification Number (CCN)	Character	The six character identification number assigned to the home health agency by CMS.
3.	ZIP Code	Character	The five-digit ZIP code where service was provided.

**Table 7: HH\_MeasureDateRange\_MMMYYYY.csv (2 columns)**

Column Number	Variable	Variable Type	Description
1.	Measure Name	Character	The name of the measure.
2.	Measure Date Range	Character	The first date (Month Date, Year) through the last date (Month Date, Year) of the measure date range for each measure.

**Table 8: HHCAHPS\_Provider\_MMMYYYY.csv (26 columns)**

Column Number	Variable	Variable Type	Description
1.	CMS Certification Number (CCN)	Character	The six-character identification number assigned to the home health agency by CMS.
2.	HHCAHPS Survey Summary Star Rating	Numeric	1-5; Not Available if not calculated
3.	HHCAHPS Survey Summary Star Rating Footnote	Character	8-12 <i>[Footnote text in Table 12]</i>
4.	Star Rating for health team gave care in a professional way	Numeric	1-5; Not Available if not calculated
5.	Footnote for Star Rating for gave care in a professional way	Character	8-12 <i>[Footnote text in Table 12]</i>

<b>Column Number</b>	<b>Variable</b>	<b>Variable Type</b>	<b>Description</b>
<b>6.</b>	<b>Percent of patients who reported that their home health team gave care in a professional way</b>	Numeric	0-100; Not Available if not calculated
<b>7.</b>	<b>Footnote for Percent of patients who reported that their home health team gave care in a professional way</b>	Character	8-12 [ <i>Footnote text in Table 12</i> ]
<b>8.</b>	<b>Star Rating for health team communicated well with them</b>	Numeric	1-5; Not Available if not calculated
<b>9.</b>	<b>Footnote for Star Rating for communicated well with them</b>	Character	8-12 [ <i>Footnote text in Table 12</i> ]
<b>10.</b>	<b>Percent of patients who reported that their home health team communicated well with them</b>	Numeric	0-100; Not Available if not calculated
<b>11.</b>	<b>Footnote for Percent of patients who reported that their home health team communicated well with them</b>	Character	8-12 [ <i>Footnote text in Table 12</i> ]
<b>12.</b>	<b>Star Rating team discussed medicines, pain, and home safety</b>	Numeric	1-5; Not Available if not calculated
<b>13.</b>	<b>Footnote Star Rating discussed medicines, pain, home safety</b>	Character	8-12 [ <i>Footnote text in Table 12</i> ]
<b>14.</b>	<b>Percent of patients who reported that their home health team discussed medicines, pain, and home safety with them</b>	Numeric	0-100; Not Available if not calculated

Column Number	Variable	Variable Type	Description
15.	Footnote for Percent of patients who reported that their home health team discussed medicines, pain, and home safety with them	Character	8-12 <i>[Footnote text in Table 12]</i>
16.	Star Rating for how patients rated overall care from agency	Numeric	1-5; Not Available if not calculated
17.	Footnote for Star Rating for overall care from agency	Character	8-12 <i>[Footnote text in Table 12]</i>
18.	Percent of patients who gave their home health agency a rating of 9 or 10 on a scale from 0 (lowest) to 10 (highest)	Numeric	0-100; Not Available if not calculated
19.	Footnote for Percent of patients who gave their home health agency a rating of 9 or 10 on a scale from 0 (lowest) to 10 (highest)	Character	8-12 <i>[Footnote text in Table 12]</i>
20.	Percent of patients who reported YES, they would definitely recommend the home health agency to friends and family	Numeric	0-100; Not Available if not calculated
21.	Footnote for Percent of patients who reported YES, they would definitely recommend the home health agency to friends and family	Character	8-12 <i>[Footnote text in Table 12]</i>
22.	Number of completed Surveys	Numeric	0 – 5,000
23.	Footnote for number of completed surveys	Character	8-12 <i>[Footnote text in Table 12]</i>

Column Number	Variable	Variable Type	Description
24.	Survey response rate	Numeric	0-100; Not Available if not calculated
25.	Footnote for survey response rate	Character	8-12 [Footnote text in Table 12]
	Footnote Number	Character	8-12 [Footnote text in Table 12]

**Table 9: HHCAHPS\_National\_MMMYYYY.csv (8 columns) Variables**

Column Number	Variable	Variable Type	Description
1.	Country	Character	A constant value, equal to “Nation”.
2.	Percent of patients who reported that their home health team gave care in a professional way	Numeric	0-100
3.	Percent of patients who reported that their home health team communicated well with them	Numeric	0-100
4.	Percent of patients who reported that their home health team discussed medicines, pain, and home safety with them	Numeric	0-100
5.	Percent of patients who gave their home health agency a rating of 9 or 10 on a scale from 0 (lowest) to 10 (highest)	Numeric	0-100



Column Number	Variable	Variable Type	Description
6.	Percent of patients who reported YES, they would definitely recommend the home health agency to friends and family	Numeric	0-100
7.	Number of completed Surveys	Numeric	0-9,999,999
8.	Survey response rate	Numeric	0-100

**Table 10: HHCAHPS\_State\_MMMYYYY.csv (8 columns)**

Column Number	Variable	Variable Type	Description
1.	State	Character	The two-character postal code for the state or territory
2.	Percent of patients who reported that their home health team gave care in a professional way	Numeric	0-100
3.	Percent of patients who reported that their home health team communicated well with them	Numeric	0-100
4.	Percent of patients who reported that their home health team discussed medicines, pain, and home safety with them	Numeric	0-100
5.	Percent of patients who gave their home health agency a rating of 9 or 10 on a scale from 0 (lowest) to 10 (highest)	Numeric	0-100
6.	Percent of patients who reported YES, they would definitely recommend the home	Numeric	0-100

Column Number	Variable	Variable Type	Description
	health agency to friends and family		
7.	Number of completed Surveys	Numeric	0-9,999,999
8.	Survey response rate	Numeric	0-100

**Table 11: HHCAHPS\_MeasureDateRange\_MMMYYYY.csv (2 columns)**

Column Number	Variable	Variable Type	Description
1.	The descriptive measure name	Character	The name of the measure.
2.	The months covered by the data collection period for this measure	Character	The first date (Month Date, Year) through the last date (Month Date, Year) of the measure date range for each measure.

**Table 12: HHVBP\_Provider\_PerformanceYear\_YYYY.csv (252 columns)**

Column Number	Variable Name	Variable Type	Description
1.	CMS Certification Number (CCN)	Character	The six character identification number assigned to the home health agency by the Centers for Medicare and Medicaid Services (CMS).
2.	State	Character	The two character postal code for the state or territory in which the home health agency is located.
3.	Provider Name	Character	The legal name of the home health agency as it appears in the CMS certification system.
4.	Provider Address	Character	The street address, five-digit ZIP code, city/town, and state of the home health agency.
5.	Nationwide Cohort	Character	The nationwide cohort of the home health agency to which the home health agency is assigned: Larger-volume cohort or smaller-volume cohort.
6.	Footnote Nationwide Cohort	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
7.	Discharged to Community: PY HHA Data Period	Character	Discharged to Community (OASIS-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
8.	Footnote Discharged to Community: PY HHA Data Period	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
9.	Oral Medications: PY HHA Data Period	Character	Improvement in Management of Oral Medications (OASIS-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-

Column Number	Variable Name	Variable Type	Description
			adjusted value for this measure in the performance year (PY).
10.	<b>Footnote Oral Medications: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
11.	<b>Dyspnea: PY HHA Data Period</b>	Character	Improvement in Dyspnea (OASIS-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
12.	<b>Footnote Dyspnea: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
13.	<b>TNC Mobility: PY HHA Data Period</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
14.	<b>Footnote TNC Mobility: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
15.	<b>TNC Self-Care: PY HHA Data Period</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
16.	<b>Footnote TNC Self-Care: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
17.	<b>ACH: PY HHA Data Period</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
18.	<b>Footnote ACH: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
19.	<b>ED Use: PY HHA Data Period</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
20.	<b>Footnote ED Use: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
21.	<b>Care of Patients: PY HHA Data Period</b>	Character	Care of Patients (HHCAHPS Survey-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
22.	<b>Footnote Care of Patients: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

Column Number	Variable Name	Variable Type	Description
23.	<b>Communication: PY HHA Data Period</b>	Character	Communications Between Providers and Patients (HHCAPHS Survey-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
24.	<b>Footnote Communication: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
25.	<b>Specific Care Issues: PY HHA Data Period</b>	Character	Specific Care Issues (HHCAPHS Survey-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
26.	<b>Footnote Specific Care Issues: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
27.	<b>Overall Rating: PY HHA Data Period</b>	Character	Overall Rating of Home Health Care (HHCAPHS Survey-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
28.	<b>Footnote Overall Rating: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
29.	<b>Willingness to Recommend: PY HHA Data Period</b>	Character	Willingness to Recommend the Agency (HHCAPHS Survey-based): The HHA's performance year (12-month end date) used to calculate the HHA's risk-adjusted value for this measure in the performance year (PY).
30.	<b>Footnote Willingness to Recommend: PY HHA Data Period</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
31.	<b>Discharged to Community: PY HHA Measure Value</b>	Character	Discharged to Community (OASIS-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
32.	<b>Footnote Discharged to Community: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
33.	<b>Dyspnea: PY HHA Measure Value</b>	Character	Improvement in Dyspnea (OASIS-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
34.	<b>Footnote Dyspnea: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
35.	<b>Oral Medications: PY HHA Measure Value</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
36.	<b>Footnote Oral Medications: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

Column Number	Variable Name	Variable Type	Description
37.	<b>TNC Mobility: PY HHA Measure Value</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
38.	<b>Footnote TNC Mobility: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
39.	<b>TNC Self-Care: PY HHA Measure Value</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
40.	<b>Footnote TNC Self-Care: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
41.	<b>ACH: PY HHA Measure Value</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
42.	<b>Footnote ACH: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
43.	<b>ED Use: PY HHA Measure Value</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
44.	<b>Footnote ED Use: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
45.	<b>Care of Patients: PY HHA Measure Value</b>	Character	Care of Patients (HHCAHPS Survey-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
46.	<b>Footnote Care of Patients: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
47.	<b>Communication: PY HHA Measure Value</b>	Character	Communications between Providers and Patients (HHCAHPS Survey-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
48.	<b>Footnote Communication: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
49.	<b>Specific Care Issues: PY HHA Measure Value</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
50.	<b>Footnote Specific Care Issues: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
51.	<b>Overall Rating: PY HHA Measure Value</b>	Character	Overall Rating of Home Health Care (HHCAHPS Survey-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).

Column Number	Variable Name	Variable Type	Description
52.	<b>Footnote Overall Rating: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
53.	<b>Willingness to Recommend: PY HHA Measure Value</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The HHA's risk-adjusted measure value for this measure in the performance year (PY).
54.	<b>Footnote Willingness to Recommend: PY HHA Measure Value</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
55.	<b>Discharged to Community: HHA Achievement Points</b>	Character	Discharged to Community (OASIS-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
56.	<b>Footnote Discharged to Community: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
57.	<b>Dyspnea: HHA Achievement Points</b>	Character	Improvement in Dyspnea (OASIS-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
58.	<b>Footnote Dyspnea: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
59.	<b>Oral Medications: HHA Achievement Points</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
60.	<b>Footnote Oral Medications: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
61.	<b>TNC Mobility: HHA Achievement Points</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
62.	<b>Footnote TNC Mobility: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
63.	<b>TNC Self-Care: HHA Achievement Points</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
64.	<b>Footnote TNC Self-Care: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
65.	<b>ACH: HHA Achievement Points</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
66.	<b>Footnote ACH: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.



<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
67.	<b>ED Use: HHA Achievement Points</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
68.	<b>Footnote ED Use: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
69.	<b>Care of Patients: HHA Achievement Points</b>	Character	Care of Patients (HHCAHPS Survey-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
70.	<b>Footnote Care of Patients: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
71.	<b>Communication: HHA Achievement Points</b>	Character	Communications between Providers and Patients (HHCAHPS Survey-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
72.	<b>Footnote Communication: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
73.	<b>Specific Care Issues: HHA Achievement Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
74.	<b>Footnote Specific Care Issues: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
75.	<b>Overall Rating: HHA Achievement Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
76.	<b>Footnote Overall Rating: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
77.	<b>Willingness to Recommend: HHA Achievement Points</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The home health agency's Achievement Points for the measure, ranging from zero (0) to ten (10).
78.	<b>Footnote Willingness to Recommend: HHA Achievement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
79.	<b>Discharged to Community: HHA Baseline Year</b>	Character	Discharged to Community (OASIS-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
80.	<b>Footnote Discharged to Community: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>81.</b>	<b>Oral Medications: HHA Baseline Year</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
<b>82.</b>	<b>Footnote Oral Medications: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>83.</b>	<b>Dyspnea: HHA Baseline Year</b>	Character	Improvement in Dyspnea (OASIS-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
<b>84.</b>	<b>Footnote Dyspnea: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>85.</b>	<b>TNC Mobility: HHA Baseline Year</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
<b>86.</b>	<b>Footnote TNC Mobility: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>87.</b>	<b>TNC Self-Care: HHA Baseline Year</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
<b>88.</b>	<b>Footnote TNC Self-Care: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>89.</b>	<b>ACH: HHA Baseline Year</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
<b>90.</b>	<b>Footnote ACH: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>91.</b>	<b>ED Use: HHA Baseline Year</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
<b>92.</b>	<b>Footnote ED Use: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>93.</b>	<b>Care of Patients: HHA Baseline Year</b>	Character	Care of Patients (HHCAHPS Survey-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
<b>94.</b>	<b>Footnote Care of Patients: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.



Column Number	Variable Name	Variable Type	Description
95.	<b>Communication: HHA Baseline Year</b>	Character	Communications Between Providers and Patients (HHCAPHS Survey-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
96.	<b>Footnote Communication: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
97.	<b>Specific Care Issues: HHA Baseline Year</b>	Character	Specific Care Issues (HHCAPHS Survey-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
98.	<b>Footnote Specific Care Issues: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
99.	<b>Overall Rating: HHA Baseline Year</b>	Character	Overall Rating of Home Health Care (HHCAPHS Survey-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
100.	<b>Footnote Overall Rating: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
101.	<b>Willingness to Recommend: HHA Baseline Year</b>	Character	Willingness to Recommend the Agency (HHCAPHS Survey-based): The HHA's baseline year (12-month end date) used to calculate the HHA's Improvement Threshold for this measure.
102.	<b>Footnote Willingness to Recommend: HHA Baseline Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
103.	<b>Discharged to Community: HHA Improvement Threshold</b>	Character	Discharged to Community (OASIS-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
104.	<b>Footnote Discharged to Community: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
105.	<b>Dyspnea: HHA Improvement Threshold</b>	Character	Improvement in Dyspnea (OASIS-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
106.	<b>Footnote Dyspnea: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
107.	<b>Oral Medications: HHA Improvement Threshold</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
108.	<b>Footnote Oral Medications: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

Column Number	Variable Name	Variable Type	Description
109.	<b>TNC Mobility: HHA Improvement Threshold</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
110.	<b>Footnote TNC Mobility: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
111.	<b>TNC Self-Care: HHA Improvement Threshold</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
112.	<b>Footnote TNC Self-Care: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
113.	<b>ACH: HHA Improvement Threshold</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
114.	<b>Footnote ACH: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
115.	<b>ED Use: HHA Improvement Threshold</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
116.	<b>Footnote ED Use: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
117.	<b>Care of Patients: HHA Improvement Threshold</b>	Character	Care of Patients (HHCAHPS Survey-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
118.	<b>Footnote Care of Patients: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
119.	<b>Communication: HHA Improvement Threshold</b>	Character	Communications Between Providers and Patients (HHCAHPS Survey-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
120.	<b>Footnote Communication: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
121.	<b>Specific Care Issues: HHA Improvement Threshold</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.

Column Number	Variable Name	Variable Type	Description
122.	<b>Footnote Specific Care Issues: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
123.	<b>Overall Rating: HHA Improvement Threshold</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
124.	<b>Footnote Overall Rating: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
125.	<b>Willingness to Recommend: HHA Improvement Threshold</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The Improvement Threshold for this measure, which is the HHA's risk-adjusted measure value for this measure in the HHA Baseline Year.
126.	<b>Footnote Willingness to Recommend: HHA Improvement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
127.	<b>Discharged to Community: HHA Improvement Points</b>	Character	Discharged to Community (OASIS-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
128.	<b>Footnote Discharged to Community: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
129.	<b>Dyspnea: HHA Improvement Points</b>	Character	Improvement in Dyspnea (OASIS-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
130.	<b>Footnote Dyspnea: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
131.	<b>Oral Medications: HHA Improvement Points</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
132.	<b>Footnote Oral Medications: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
133.	<b>TNC Mobility: HHA Improvement Points</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
134.	<b>Footnote TNC Mobility: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
135.	<b>TNC Self-Care: HHA Improvement Points</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
136.	<b>Footnote TNC Self-Care: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
137.	<b>ACH: HHA Improvement Points</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
138.	<b>Footnote ACH: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
139.	<b>ED Use: HHA Improvement Points</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
140.	<b>Footnote ED Use: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
141.	<b>Care of Patients: HHA Improvement Points</b>	Character	Care of Patients (HHCAHPS Survey-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
142.	<b>Footnote Care of Patients: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
143.	<b>Communication: HHA Improvement Points</b>	Character	Communications Between Providers and Patients (HHCAHPS Survey-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
144.	<b>Footnote Communication: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
145.	<b>Specific Care Issues: HHA Improvement Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
146.	<b>Footnote Specific Care Issues: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
147.	<b>Overall Rating: HHA Improvement Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
148.	<b>Footnote Overall Rating: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
149.	<b>Willingness to Recommend: HHA Improvement Points</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The HHA's Improvement Points for this measure, ranging from zero (0) to nine (9).
150.	<b>Footnote Willingness to Recommend: HHA Improvement Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
151.	<b>Discharged to Community: HHA Care Points</b>	Character	Discharged to Community (OASIS-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of

Column Number	Variable Name	Variable Type	Description
			the measure's Achievement Points or Improvement Points.
152.	<b>Footnote Discharged to Community: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
153.	<b>Dyspnea: HHA Care Points</b>	Character	Improvement in Dyspnea (OASIS-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
154.	<b>Footnote Dyspnea: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
155.	<b>Oral Medications: HHA Care Points</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
156.	<b>Footnote Oral Medications: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
157.	<b>TNC Mobility: HHA Care Points</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
158.	<b>Footnote TNC Mobility: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
159.	<b>TNC Self-Care: HHA Care Points</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
160.	<b>Footnote TNC Self-Care: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
161.	<b>ACH: HHA Care Points</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
162.	<b>Footnote ACH: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
163.	<b>ED Use: HHA Care Points</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
164.	<b>Footnote ED Use: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
165.	<b>Care of Patients: HHA Care Points</b>	Character	Care of Patients (HHCAHPS Survey-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
166.	<b>Footnote Care of Patients: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
167.	<b>Communication: HHA Care Points</b>	Character	Communications Between Providers and Patients (HHCAHPS Survey-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
168.	<b>Footnote Communication: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
169.	<b>Specific Care Issues: HHA Care Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
170.	<b>Footnote Specific Care Issues: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
171.	<b>Overall Rating: HHA Care Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
172.	<b>Footnote Overall Rating: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
173.	<b>Willingness to Recommend: HHA Care Points</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The HHA's Care Points for this measure, ranging from zero (0) to ten (10). The measure's Care Points are the higher of the measure's Achievement Points or Improvement Points.
174.	<b>Footnote Willingness to Recommend: HHA Care Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
175.	<b>Discharged to Community: Included in TPS</b>	Character	Discharged to Community (OASIS-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No



<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>176.</b>	<b>Footnote Discharged to Community: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>177.</b>	<b>Dyspnea: Included in TPS</b>	Character	Improvement in Dyspnea (OASIS-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
<b>178.</b>	<b>Footnote Dyspnea: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>179.</b>	<b>Oral Medications: Included in TPS</b>	Character	Improvement in Management of Oral Medications (OASIS-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
<b>180.</b>	<b>Footnote Oral Medications: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>181.</b>	<b>TNC Mobility: Included in TPS</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
<b>182.</b>	<b>Footnote TNC Mobility: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>183.</b>	<b>TNC Self-Care: Included in TPS</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
<b>184.</b>	<b>Footnote TNC Self-Care: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>185.</b>	<b>ACH: Included in TPS</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
<b>186.</b>	<b>Footnote ACH: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

Column Number	Variable Name	Variable Type	Description
187.	<b>ED Use: Included in TPS</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
188.	<b>Footnote ED Use: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
189.	<b>Care of Patients: Included in TPS</b>	Character	Care of Patients (HHCAHPS Survey-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
190.	<b>Footnote Care of Patients: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
191.	<b>Communication: Included in TPS</b>	Character	Communications Between Providers and Patients (HHCAHPS Survey-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
192.	<b>Footnote Communication: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
193.	<b>Specific Care Issues: Included in TPS</b>	Character	Specific Care Issues (HHCAHPS Survey-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
194.	<b>Footnote Specific Care Issues: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
195.	<b>Overall Rating: Included in TPS</b>	Character	Overall Rating of Home Health Care (HHCAHPS Survey-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No
196.	<b>Footnote Overall Rating: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
197.	<b>Willingness to Recommend: Included in TPS</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): Did the home health agency have sufficient data in the baseline year and performance year to create Care Points for this measure and count toward the 5-measure minimum to create a TPS? Yes/No



Column Number	Variable Name	Variable Type	Description
198.	<b>Footnote Willingness to Recommend: Included in TPS</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
199.	<b>Discharged to Community: Measure Weight</b>	Character	Discharged to Community (OASIS-based): The measure's weight.
200.	<b>Footnote Discharged to Community: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
201.	<b>Dyspnea: Measure Weight</b>	Character	Improvement in Dyspnea (OASIS-based): The measure's weight.
202.	<b>Footnote Dyspnea: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
203.	<b>Oral Medications: Measure Weight</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The measure's weight.
204.	<b>Footnote Oral Medications: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
205.	<b>TNC Mobility: Measure Weight</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The measure's weight.
206.	<b>Footnote TNC Mobility: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
207.	<b>TNC Self-Care: Measure Weight</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The measure's weight.
208.	<b>Footnote TNC Self-Care: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
209.	<b>ACH: Measure Weight</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The measure's weight.
210.	<b>Footnote ACH: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
211.	<b>ED Use: Measure Weight</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The measure's weight.
212.	<b>Footnote ED Use: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
213.	<b>Care of Patients: Measure Weight</b>	Character	Care of Patients (HHCAHPS Survey-based): The measure's weight.
214.	<b>Footnote Care of Patients: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
215.	<b>Communication: Measure Weight</b>	Character	Communications Between Providers and Patients (HHCAHPS Survey-based): The measure's weight.
216.	<b>Footnote Communication: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
217.	<b>Specific Care Issues: Measure Weight</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The measure's weight.
218.	<b>Footnote Specific Care Issues: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
219.	<b>Overall Rating: Measure Weight</b>	Character	Overall Rating of Home Health Care (HHCAHPS Survey-based): The measure's weight.
220.	<b>Footnote Overall Rating: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
221.	<b>Willingness to Recommend: Measure Weight</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The measure's weight.
222.	<b>Footnote Willingness to Recommend: Measure Weight</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
223.	<b>Discharged to Community: HHA Weighted Measure Points</b>	Character	Discharged to Community (OASIS-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
224.	<b>Footnote Discharged to Community: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
225.	<b>Dyspnea: HHA Weighted Measure Points</b>	Character	Improvement in Dyspnea (OASIS-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
226.	<b>Footnote Dyspnea: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
227.	<b>Oral Medications: HHA Weighted Measure Points</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
228.	<b>Footnote Oral Medications: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
229.	<b>TNC Mobility: HHA Weighted Measure Points</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.

<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
230.	<b>Footnote TNC Mobility: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
231.	<b>TNC Self-Care: HHA Weighted Measure Points</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
232.	<b>Footnote TNC Self-Care: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
233.	<b>ACH: HHA Weighted Measure Points</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
234.	<b>Footnote ACH: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
235.	<b>ED Use: HHA Weighted Measure Points</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
236.	<b>Footnote ED Use: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
237.	<b>Care of Patients: HHA Weighted Measure Points</b>	Character	Care of Patients (HHCAHPS Survey-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
238.	<b>Footnote Care of Patients: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
239.	<b>Communication: HHA Weighted Measure Points</b>	Character	Communications Between Providers and Patients (HHCAHPS Survey-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
240.	<b>Footnote Communication: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

Column Number	Variable Name	Variable Type	Description
241.	<b>Specific Care Issues: HHA Weighted Measure Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
242.	<b>Footnote Specific Care Issues: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
243.	<b>Overall Rating: HHA Weighted Measure Points</b>	Character	Specific Care Issues (HHCAHPS Survey-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
244.	<b>Footnote Overall Rating: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
245.	<b>Willingness to Recommend: HHA Weighted Measure Points</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The HHA's weighted Measure Points for this measure, which are calculated by dividing your HHA's Care Points by the maximum possible points and multiplying by the measure weight.
246.	<b>Footnote Willingness to Recommend: HHA Weighted Measure Points</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
247.	<b>Total Performance Score (TPS)</b>	Character	The Total Performance Score for the home health agency which is calculated by summing the weighted Care Points for all measures.
248.	<b>Footnote Total Performance Score (TPS)</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
249.	<b>Payment Year</b>	Character	The calendar year in which the home health agency's Final TPS-Adjusted Payment Percentage (APP) for a designated performance year applies.
250.	<b>Footnote Payment Year</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
251.	<b>Adjusted Payment Percentage (APP)</b>	Character	The home health agency's Final TPS-Adjusted Payment Percentage (APP). The APP ranges from minus 5% to plus 5% for all home health agencies.
252.	<b>Footnote Adjusted Payment Percentage (APP)</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

**Table 13: HHVBP\_Cohort\_PerformanceYear\_YYYY.csv (39 columns)**

Column Number	Variable Name	Variable Type	Description
1.	<b>Nationwide Cohort</b>	Character	The two nationwide cohorts to which the home health agencies are assigned: Larger-volume cohort or smaller-volume cohort.
2.	<b>Model Baseline Year</b>	Character	The Model Baseline Year used to calculate the cohort's Achievement Thresholds and Benchmarks.
3.	<b>Discharged to Community: Cohort's Achievement Threshold</b>	Character	Discharged to Community (OASIS-based): The cohort's Achievement Threshold for this measure.
4.	<b>Dyspnea: Cohort's Achievement Threshold</b>	Character	Improvement in Dyspnea (OASIS-based): The cohort's Achievement Threshold for this measure.
5.	<b>Oral Medications: Cohort's Achievement Threshold</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The cohort's Achievement Threshold for this measure.
6.	<b>TNC Mobility: Cohort's Achievement Threshold</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The cohort's Achievement Threshold for this measure.
7.	<b>TNC Self-Care: Cohort's Achievement Threshold</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The cohort's Achievement Threshold for this measure.
8.	<b>ACH: Cohort's Achievement Threshold</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The cohort's Achievement Threshold for this measure.
9.	<b>ED Use: Cohort's Achievement Threshold</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The cohort's Achievement Threshold for this measure.
10.	<b>Care of Patients: Cohort's Achievement Threshold</b>	Character	Care of Patients (HHCAHPS Survey-based): The cohort's Achievement Threshold for this measure.
11.	<b>Footnote Care of Patients: Cohort's Achievement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
12.	<b>Communication: Cohort's Achievement Threshold</b>	Character	Communication Between Providers and Patients (HHCAHPS Survey-based): The cohort's Achievement Threshold for this measure.
13.	<b>Footnote Communication: Cohort's Achievement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
14.	<b>Specific Care Issues: Cohort's Achievement Threshold</b>	Character	Specific Care Issues (HHCAHPS-Survey-based): The cohort's Achievement Threshold for this measure.
15.	<b>Footnote Specific Care Issues: Cohort's Achievement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.

Column Number	Variable Name	Variable Type	Description
16.	<b>Overall Rating: Cohort's Achievement Threshold</b>	Character	Overall Rating of Home Health Care (HHCAHPS-Survey-based): The cohort's Achievement Threshold for this measure.
17.	<b>Footnote Overall Rating: Cohort's Achievement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
18.	<b>Willingness to Recommend: Cohort's Achievement Threshold</b>	Character	Willingness to Recommend the Agency (HHCAHPS Survey-based): The cohort's Achievement Threshold for this measure.
19.	<b>Footnote Willingness to Recommend: Cohort's Achievement Threshold</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
20.	<b>Discharged to Community: Cohort's Benchmark</b>	Character	Discharged to Community (OASIS-based): The cohort's Benchmark.
21.	<b>Dyspnea: Cohort's Benchmark</b>	Character	Improvement in Dyspnea (OASIS-based): The cohort's Benchmark for this measure.
22.	<b>Oral Medications: Cohort's Benchmark</b>	Character	Improvement in Management of Oral Medications (OASIS-based): The cohort's Benchmark.
23.	<b>TNC Mobility: Cohort's Benchmark</b>	Character	Total Normalized Composite Change in Mobility (OASIS-based): The cohort's Benchmark for this measure.
24.	<b>TNC Self-Care: Cohort's Benchmark</b>	Character	Total Normalized Composite Change in Self-Care (OASIS-based): The cohort's Benchmark for this measure.
25.	<b>ACH: Cohort's Benchmark</b>	Character	Acute Care Hospitalization During the First 60 Days of Home Health (claims-based): The cohort's Benchmark for this measure.
26.	<b>ED Use: Cohort's Benchmark</b>	Character	Emergency Department Use without Hospitalization During the First 60 Days of Home Health (claims-based): The cohort's Benchmark for this measure.
27.	<b>Care of Patients: Cohort's Benchmark</b>	Character	Care of Patients (HHCAHPS Survey-based): The cohort's Benchmark for this measure.
28.	<b>Footnote Care of Patients: Cohort's Benchmark</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
29.	<b>Communication: Cohort's Benchmark</b>	Character	Communication Between Providers and Patients (HHCAHPS Survey-based): The cohort's Benchmark for this measure.
30.	<b>Footnote Communication: Cohort's Benchmark</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
31.	<b>Specific Care Issues: Cohort's Benchmark</b>	Character	Specific Care Issues (HHCAHPS-Survey-based): The cohort's Benchmark for this measure.



<b>Column Number</b>	<b>Variable Name</b>	<b>Variable Type</b>	<b>Description</b>
<b>32.</b>	<b>Footnote Specific Care Issues: Cohort's Benchmark</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>33.</b>	<b>Overall Rating: Cohort's Benchmark</b>	Character	Overall Rating of Home Health Care (HHAHPS-Survey-based): The cohort's Benchmark for this measure.
<b>34.</b>	<b>Footnote Overall Rating: Cohort's Benchmark</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>35.</b>	<b>Willingness to Recommend: Cohort's Benchmark</b>	Character	Willingness to Recommend the Agency (HHAHPS Survey-based): The cohort's Benchmark for this measure.
<b>36.</b>	<b>Footnote Willingness to Recommend: Cohort's Benchmark</b>	Character	If the metric is dashed (-) or not available (NA), the reason the metric was not calculated is explained here.
<b>37.</b>	<b>Cohort's Linear Exchange Function (LEF) Ratio</b>	Character	The home health agency's cohort's Linear Exchange Function (LEF) Ratio.
<b>38.</b>	<b>Cohort's Average Total Performance Score (TPS)</b>	Character	The average Total Performance Score of all HHAs in the cohort to which the HHA was assigned, weighted by home health agencies' Medicare Fee-for-Service (FFS) claims in the calendar year prior to the payment year.
<b>39.</b>	<b>Cohort's Average Adjusted Payment Percentage (APP)</b>	Character	The average Final TPS-Adjusted Payment Percentage (APP) of all HHAs in the cohort to which the HHA was assigned, weighted by home health agencies' Medicare Fee-for-Service (FFS) claims in the calendar year prior to the payment year.

**Table 14: Footnote Details**

Footnote	Description
1	This agency provides services under a federal waiver program to non-traditional, chronic long term population.
2	This agency provides services to a special needs population.
3	Not Available.
4	The number of patient episodes for this measure is too small to report.
5	This measure currently does not have data or provider has been certified/recertified for less than 6 months.
6	The national average for this measure is not provided because of state-to-state differences in data collection.
7	Medicare is not displaying rates for this measure for any home health agency, because of an issue with the data.
8	There were problems with the data and they are being corrected.
9	Zero, or very few, patients met the survey's rules for inclusion. The scores shown, if any, reflect a very small number of surveys and may not accurately tell how an agency is doing.
10	Survey results are based on less than 12 months of data.
11	Fewer than 70 patients completed the survey. Use the scores shown, if any, with caution as the number of surveys may be too low to accurately tell how an agency is doing.
12	No survey results are available for this period.
13	Data suppressed by CMS for one or more quarters.
14*	No or insufficient data available. Measures with no or insufficient data available are excluded from the TPS calculation.
15*	HHA ineligible to receive an APR due to Medicare certification date and/or no or insufficient data on at least five measures to calculate a Total Performance Score (TPS).
16*	Achievement Thresholds and Benchmarks are not calculated for HHCAHPS Survey-based measures for HHAs in the smaller-volume cohort.

\* Footnote applies to HHVBP only.

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