

CMS 2008 Basic Stand Alone (BSA)

Home Health Agency (HHA) Beneficiary Public Use File (PUF)

Data Dictionary and Codebook

This is a beneficiary-level file with the following variables. See the General Documentation for an overview of file contents, data source, information about exclusions, and analytic utility.

HHA_BENE_ID

This field contains a cryptographic beneficiary ID. As this is a beneficiary-level file, each row on the file has a unique value for HHA_BENE_ID. HHA_BENE_ID cannot be used to link to any other data files released by CMS or other sources.

BENE_SEX_IDENT_CD

This field indicates the sex of the beneficiary.

Variable Value	Formatted Value	Frequency	Frequency (%)
1	Male	43,219	34.623
2	Female	81,610	65.377

Note: Percentages may not add up to 100% due to rounding.

BENE_AGE_CAT_CD

This categorical variable is based on the beneficiary's age at the end of the reference year (2008). All beneficiaries in this file were alive by the end of the reference year (2008).

Variable Value	Formatted Value	Frequency	Frequency (%)
1	Under 65	14,450	11.576
2	65 - 69	12,521	10.031
3	70 - 74	17,195	13.775
4	75 - 79	20,922	16.761
5	80 - 84	24,552	19.669
6	85 and older	35,189	28.190

Note: Percentages may not add up to 100% due to rounding.

HHA_ADM_CD

HHA_ADM_CD is a categorical variable describing the number of home health agency admissions for the beneficiary. It can take two values: (1) one admission and (2) two or more admissions.

Variable Value	Formatted Value	Frequency	Frequency (%)
1	One admission	98,739	79.099
2	Two or more admissions	26,090	20.901

Note: Percentages may not add up to 100% due to rounding.

HHA_THER_VST_CD

This is a categorical variable describing the number of therapy visits (including physical therapy, occupational therapy, and speech-language pathology services) for the beneficiary. The number of visits is categorized into four: (0) 0 visit, (1) 1 - 13 visits, (2) 14 - 19 visits, and (3) 20 or more visits. The revenue center codes that are used to calculate the number of therapy visits are 0420, 0421, 0422, 0423, 0424, 0429, 0430, 0431, 0432, 0433, 0434, 0439, 0440, 0441, 0442, 0443, 0444, and 0449.

Variable Value	Formatted Value	Frequency	Frequency (%)
0	0 day	36,093	28.914
1	1 - 13 days	54,928	44.003
2	14 - 19 days	13,815	11.067
3	20 or more days	19,993	16.016

Note: Percentages may not add up to 100% due to rounding.

HHA_SNC_VST_CD

This is a categorical variable describing the number of skilled nursing care visits for the beneficiary. The number of visits is categorized into four: (0) 0 visit, (1) 1 - 13 visits, (2) 14 - 19 visits, and (3) 20 or more visits. The revenue center codes that are used to calculate the number of skilled nursing care visits are 0550, 0551, 0552, and 0559.

Variable Value	Formatted Value	Frequency	Frequency (%)
0	0 day	12,346	9.890
1	1 - 13 days	70,325	56.337

Variable Value	Formatted Value	Frequency	Frequency (%)
2	14 - 19 days	11,358	9.099
3	20 or more days	30,800	24.674

Note: Percentages may not add up to 100% due to rounding.

HHA_HHA_VST_CD

This is a categorical variable describing the number of home health aide visits for the beneficiary. The number of visits is categorized into four: (1) 0, (2) 1 – 13 visits, (3) 14 – 19 visits, and (4) 20 or more visits. The Revenue Center Codes that are used to calculate the number of home health aide visits are 0570, 0571, 0572, and 0579.

Variable Value	Formatted Value	Frequency	Frequency (%)
0	0 day	97,780	78.331
1	1 - 13 days	14,765	11.828
2	14 - 19 days	2,562	2.052
3	20 or more days	9,722	7.788

Note: Percentages may not add up to 100% due to rounding.

HHA_PMT_AMT

This variable contains total payments made by Medicare for all of the home health agency claims of the beneficiary. The payment amount that is used in the calculation is the sum of all the payments made from the Medicare trust fund for the services covered for the beneficiary (CLM_PMT_AMT) in the Medicare Home Health Agency claims file. The values are provided after rounding. Refer to Table 3 in the General Documentation for rounding rules.

Variable Value ⁽¹⁾ (\$)	Frequency	Frequency (%)
0	34	0.027
100	155	0.124
200	1,683	1.348
300	1,894	1.517
400	2,218	1.777
500	1,849	1.481
600	757	0.606

Variable Value⁽¹⁾ (\$)	Frequency	Frequency (%)
700	157	0.126
800	129	0.103
900	80	0.064
1,000	1,331	1.066
1,500	10,405	8.335
2,000	15,225	12.197
2,500	11,795	9.449
3,000	9,072	7.268
3,500	8,430	6.753
4,000	7,648	6.127
4,500	5,950	4.767
5,000	6,932	5.553
6,000	6,678	5.350
7,000	5,534	4.433
8,000	4,395	3.521
9,000	3,493	2.798
10,000	3,086	2.472
11,000	2,720	2.179
12,000	2,348	1.881
13,000	1,873	1.500
14,000	1,595	1.278
15,000	1,251	1.002
16,000	1,045	0.837
17,000	755	0.605
18,000	671	0.538
19,000	485	0.389
20,000	1,152	0.923
25,000	881	0.706
30,000	329	0.264
35,000	136	0.109
40,000	77	0.062
45,000	82	0.066
50,000	106	0.085
55,000	118	0.095
60,000	118	0.095

Variable Value⁽¹⁾ (\$)	Frequency	Frequency (%)
65,000	107	0.086
70,000	30	0.024
75,000	14	0.011
80,000	4	0.003
85,000	2	0.002

Note: Percentages may not add up to 100% due to rounding.

(1) Note that a payment amount between \$0 and \$49.99 is rounded to \$0 according to the rounding rules. Hence, the corresponding value for \$1,00 in the PUF is a value between \$50 and \$149.99 in the initial 5% sample file.