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**PERFORMANCE
MEASUREMENT**

**ELECTRONIC DATA
USER'S GUIDE**

Cohort I
1998-2000

MEDICARE HEALTH



OUTCOMES SURVEY

**CENTERS
FOR MEDICARE
& MEDICAID
SERVICES**

**HEALTH
SERVICES
ADVISORY
GROUP**

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MEDICARE HEALTH OUTCOMES SURVEY INSTRUMENT

The HOS instrument consists of the SF-36[®] Health Survey^{3,4} and additional questions, including those used for case mix and risk adjustment purposes.

SF-36[®] Health Survey

The SF-36[®] is a multi-purpose, short-form health survey with only 36 questions, which yields physical and mental health summary measures. It is a generic measure, as opposed to one that targets a specific age, disease, or treatment group. As documented in more than 2,500 publications, the SF-36[®] has proven useful in both general and specific populations, comparing the relative burden of diseases, differentiating the health benefits produced by a wide range of different treatments, and screening individual patients. The most complete information about the history and development of the SF-36[®], its psychometric evaluation, studies of reliability and validity, and normative data is available in two user's manuals.^{4,5}

Figure 1 on page 4 illustrates the taxonomy of items and concepts underlying the construction of the SF-36[®] Physical Component Summary (PCS) and Mental Component Summary (MCS) measures. The SF-36[®] is scored from 0 to 100 points, with higher scores indicating better functioning on both the individual scales and summary measures (PCS and MCS). The HOS individual scale scores, as well as the PCS and MCS scores, have been normed to the values for the 1998 general US population, so that a score of fifty represents the national average for a given scale or summary score. In addition, the norm based score for the 1998 general US population has a standard deviation (SD) of ten points. It is important to note however, that the 1998 general population **elderly** norms reflect a PCS mean score of 42.6 and an MCS mean score of 52.0.

³ SF-36[®] is a registered trademark of the Medical Outcomes Trust.

⁴ Ware JE, Snow KK, Kosinski M, Gandek B. *SF-36[®] Health Survey Manual and Interpretation Guide*. Boston, MA: The Health Institute, 1993.

⁵ Ware JE, Kosinski M. *SF-36[®] Physical and Mental Health Summary Scales: A Manual for Users of Version 1, Second Edition*. Lincoln, RI: QualityMetric, Incorporated, 2001.

disadvantages, including: being applicable only to those with at least half of the items answered for each of the eight scales; introducing a bias in score estimates because answered items are simply averaged in estimating missing items; and failing to provide an estimation strategy for PCS and MCS for those with a missing scale score.

The improved scoring algorithms use the missing data estimation (MDE) utility. The MDE scoring utility, which was validated using item response theory, calculates an unbiased score as long as at least one item is answered within each scale. Further, the MDE software uses regression methods to score PCS and MCS for those with one scale missing. As documented elsewhere, the MDE scoring algorithms have been evaluated in the 1998 general US population and in the HOS.¹³

CASE MIX ADJUSTMENT

There were six main categories of actual outcomes used in the analysis of the *Cohort I* Performance Measurement data: (1) alive and PCS better; (2) alive and PCS same; (3) dead or PCS worse; (4) MCS better; (5) MCS same; and (6) MCS worse. Each beneficiary is classified into one of the three Physical Health categories and one of the three Mental Health categories.

In calculating expected outcomes, separate case mix models were warranted for death (which required extensive case mix control), and for PCS and MCS (which did not require much case mix control). The development and testing of these models was the subject of extensive analysis, which will be described in more detail in other HOS publications. A series of eight different death models, three different PCS models, and three different MCS models were used, since all beneficiaries did not have data for all of the independent variables that could be used to calculate an expected score. In other words, each expected outcome for a beneficiary was derived from the “best fit” model, which was based on those variables for which the beneficiary had data. For example, if a beneficiary had all of the required independent variables for Model A (the model containing the highest number of independent variables), then their expected score was calculated using that model. If not, then Model B (the model containing the second highest number of independent variables) was used if all of the required independent variables for this model were available, and so on. One model was used for each beneficiary, and there were no outcome predictions made with missing data. Details about the variables included in each model are provided in Table 1 on page 9.

For further information, please refer to the *Cohort I* Performance Measurement Report.

¹³ Kosinski MK, Bayliss M, Bjorner JB, Ware JE. Improving Estimates of SF-36[®] Health Survey Scores for Respondents in Missing Data. *Medical Outcomes Trust Monitor*, Fall 2000; 5 (1): 8-10.

Performance Measurement Electronic Data File Characteristics

Each M+CO level *Cohort I* Performance Measurement Electronic Data File was derived from the *Cohort I Performance Measurement analytic sample* of 122,444. As discussed in the methodology, the *Cohort I* Performance Measurement results are based on the analytic sample of 122,444 and not the entire population sampled at baseline and follow up.

Please note, in accordance with CMS regulations, data on those beneficiaries that disenrolled from their M+CO prior to the time of follow up are not included in these data, however, they were included in the calculation of the performance measurement results.

There are a total of 255 variables in the *Cohort I* Performance Measurement Electronic Data File. A detailed list of these variables including valid values is included in Appendix B. The following is an overview of the variables included in the *Cohort I* Performance Measurement Data File.

PLAN LEVEL VARIABLES (VARIABLES 1-12)

Data from this section are taken from the header record of the baseline and follow up data files, as well as information obtained from the CMS June 2001 Monthly Report of Managed Care Health Plans (<http://cms.hhs.gov/healthplans/statistics/monthly/>). These variables include *Plan Reporting Unit* (#1), which is the unit of analysis for the *Cohort I* Performance Measurement Report. Another important variable in this group is *Plan State* (#7), which is the two letter state abbreviation as listed in the CMS June 2001 Monthly Report of Managed Care Health Plans. This was the state level unit of analysis for the *Cohort I* Performance Measurement Report.

SURVEY LEVEL VARIABLES (VARIABLES 13-209)

This section contains a randomly assigned unique beneficiary identification number (#13) and survey information from the 57 questions comprising the HOS instrument for both baseline and follow up (excluding the name of the person responding to the survey, Q56, which is included in the beneficiary level variables section). Other than the unique beneficiary ID, the information presented in this section represents each beneficiary's actual answers to the specific questions. These data include beneficiary responses to questions pertaining to the SF-36®[®], health status indicators, chronic medical conditions, depression, ADLs, proxy status, and demographics. This section also includes the valid values correlating to each question. The SF-36®[®] (questions one and three through eleven in the HOS instrument) is used to obtain physical and mental health summary measures. The beneficiary level data from both baseline and follow up can potentially be used by M+COs to perform quality improvement initiatives.

SURVEY ADMINISTRATION VARIABLES (VARIABLES 210-215)

The variables that are presented in this section include a flag, which indicates whether or not the beneficiary completed a baseline or follow up survey by mail or telephone (#210-211), the date the follow up survey was completed (#212), and the language in which the follow up survey was completed (#213). The survey date and survey language were not collected during the *Cohort I Baseline* survey administration. The section also includes the survey vendor at baseline and follow up (#214-215).

SF-36[®] SUMMARY MEASURES (VARIABLES 216-219)

The variables that are presented in this section include the unadjusted PCS and MCS scores at baseline and follow up (#216-219). These scores were generated by the MDE scoring utility.

BENEFICIARY LEVEL VARIABLES (VARIABLES 220-255)

Data from this section are taken primarily from the member level record of the baseline and follow up data files. These data were obtained from the CMS Medicare Enrollment Database (EDB) at the time the sample files were created. The *Health Insurance Claim (HIC) Number* (#220), which is a unique identifier used to identify each beneficiary, is included in this section. Beneficiary addresses (mailing address, county, state, and zip code) from both baseline and follow up are included in this section. Beneficiary race, gender, date of birth, and reason for entitlement from both baseline and follow up are also included in this section. The *Beneficiary's Baseline Date of Birth* (#238) was used to analyze the HOS data.

CAUTIONARY NOTES

- ◆ The HOS Questionnaire contains multiple skip patterns. Caution should be exercised when examining selected questions that involve skip pattern responses. Please refer to Appendix B for additional information.
- ◆ Minor modifications to the HOS questionnaire occurred between the administration of the *Cohort I Baseline* and *Cohort I Follow Up* surveys. One question was removed from the instrument [Visiting a doctor question (Q45 in the *Cohort I Baseline* survey)]. Due to the omission of this question in the *Cohort I Follow Up* survey administration, the baseline response was not included in the *Cohort I* Performance Measurement Data File. The reference period of the smoking cessation questions was reduced from 12 to 6 months [Quit smoking question (Q44), and Smoking advice question (Q45 in the *Cohort I Follow Up* survey)]. Please refer to Appendix B for additional information. Caution should be exercised when examining the data across multiple cohorts.
- ◆ Some demographic variables (birth year, race, and gender) were obtained from the CMS Medicare Enrollment Database (EDB) at the time of sampling and also from the respondent provided survey data. Inconsistencies between these two data sources have been identified. Caution should be exercised when examining these variables.

- ◆ For the purpose of calculating performance measurement results, beneficiaries were considered dead if they died within two years of completing the baseline survey and did not complete a follow up survey. The *Performance Measurement Analytic Sample Indicator* (#257) can be used to identify the status of each beneficiary in this file.

For further details on the structure of these data, please refer to Appendix B. Additionally, the Medicare HOS Information and Technical Support Telephone Line (1-888-880-0077), as well as the HOS E-mail Address (*hos.azpro@sdps.org*), are available to provide technical assistance.

Appendix B

Performance Measurement Electronic Data File Specifications

The following table describes the file layout by position for the comprehensive *Cohort I* Performance Measurement Data File. The file is formatted as a fixed width (column delimited) ASCII flat file.

The table below displays the variables by field position in the ASCII flat file. In addition to the variable number and field position, a field description and additional information (including valid values) are provided. For the survey level items, the exact text of each question can be obtained by referring to the Medicare HOS Manuals.

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
1	Plan Reporting Unit	1-6	Unique identifier used to identify each M+CO. This was the plan level unit of analysis for the Performance Measurement Report.
2	Plan Contract Number at Baseline	7-11	Unique contract number at the time of baseline sampling (1998).
3	Plan Contract Number at Follow Up	12-16	Unique contract number at the time of follow up sampling (2000).
4	Plan Market Area Code at Baseline	17-18	Two digit CMS market area code at the time of baseline sampling (1998).
5	Plan Market Area Code at Follow Up	19-20	Two digit CMS market area code at the time of follow up sampling (2000).
6	Plan Market Area Name at Baseline	21-50	CMS market area name at the time of baseline sampling (1998).
7	Plan Market Area Name at Follow Up	51-80	CMS market area name at the time of follow up sampling (2000).
8	Plan Name	81-130	Plan Name as listed in the CMS June 2001 Monthly Report of Managed Care Health Plans.
9	Plan State	131-132	Two letter state abbreviation as listed in the CMS June 2001 Monthly Report of Managed Care Health Plans. This was the state level unit of analysis for the Performance Measurement Report.

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
34	Baseline Survey: Bodily Pain Question (Q7)	172	Beneficiary's response to Q7 from the <i>Cohort I Baseline</i> survey: <i>How much bodily pain have you had during the past 4 weeks?</i> 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe 6 = Very severe
35	Baseline Survey: Pain Interfering with Work Question (Q8)	173	Beneficiary's response to Q8 from the <i>Cohort I Baseline</i> survey: <i>During the past 4 weeks, how much did pain interfere with your normal work?</i> 1 = Not at All 2 = A little bit 3 = Moderately 4 = Quite a bit 5 = Extremely
36	Baseline Survey: Full of Pep Question (Q9a)	174	Beneficiary's response to Q9a from the <i>Cohort I Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Did you feel full of pep?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
37	Baseline Survey: Nervous Question (Q9b)	175	Beneficiary's response to Q9b from the <i>Cohort I Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you been a very nervous person?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
38	Baseline Survey: Down in the Dumps Question (Q9c)	176	Beneficiary's response to Q9c from the <i>Cohort I Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you felt so down in the dumps that nothing could cheer you up?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
39	Baseline Survey: Calm and Peaceful Question (Q9d)	177	Beneficiary's response to Q9d from the <i>Cohort I Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you felt calm and peaceful?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
40	Baseline Survey: Lots of Energy Question (Q9e)	178	Beneficiary's response to Q9e from the <i>Cohort I Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Did you have a lot of energy?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
41	Baseline Survey: Downhearted and Blue Question (Q9f)	179	Beneficiary's response to Q9f from the <i>Cohort I Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you felt downhearted and blue?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
56	Baseline Survey: Chest Pain/Pressure on Exertion Question (Q13a)	194	Beneficiary's response to Q13a from the <i>Cohort I Baseline</i> survey: <i>During the past 4 weeks, how often have you had any of the following problems</i> <u>Chest pain or pressure when you exercise</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
57	Baseline Survey: Chest Pain/Pressure at Rest Question (Q13b)	195	Beneficiary's response to Q13b from the <i>Cohort I Baseline</i> survey: <i>During the past 4 weeks, how often have you had any of the following problems</i> <u>Chest pain or pressure when resting</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
58	Baseline Survey: Orthopnea Question (Q14a)	196	Beneficiary's response to Q14a from the <i>Cohort I Baseline</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When lying down flat</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
59	Baseline Survey: Dyspnea while Sitting/Resting Question (Q14b)	197	Beneficiary's response to Q14b from the <i>Cohort I Baseline</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When sitting or resting</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
64	Baseline Survey: Foot Tingling/Burning Question (Q15c)	202	Beneficiary's response to Q15c from the <i>Cohort I</i> Baseline survey: <i>During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?</i> <u>Tingling or burning in your feet especially at night</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
65	Baseline Survey: Decreased Temperature Sensation in Feet Question (Q15d)	203	Beneficiary's response to Q15d from the <i>Cohort I</i> Baseline survey: <i>During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?</i> <u>Decreased ability to feel hot or cold with your feet</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
66	Baseline Survey: Sores/Wounds on Feet Question (Q15e)	204	Beneficiary's response to Q15e from the <i>Cohort I</i> Baseline survey: <i>During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?</i> <u>Sores or wounds on your feet that did not heal</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
67	Baseline Survey: Hemiparalysis/Weakness Question (Q16a)	205	Beneficiary's response to Q16a from the <i>Cohort I</i> Baseline survey: <i>Have you ever had paralysis or weakness on one side of the body?</i> 1 = Yes, I have it 2 = Yes, but it went away 3 = No
68	Baseline Survey: Lost Ability to Talk Question (Q16b)	206	Beneficiary's response to Q16b from the <i>Cohort I</i> Baseline survey: <i>Have you ever lost the ability to talk?</i> 1 = Yes, I have lost it 2 = Yes, but it returned 3 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
69	Baseline Survey: Vision Question (Q17)	207	Beneficiary's response to Q17 from the <i>Cohort I Baseline</i> survey: <i>Can you see well enough to read newspaper print?</i> 1 = Yes 2 = No
70	Baseline Survey: Hearing Question (Q18)	208	Beneficiary's response to Q18 from the <i>Cohort I Baseline</i> survey: <i>Can you hear most of the things people say?</i> 1 = Yes 2 = No
71	Baseline Survey: Acid Indigestion Question (Q19)	209	Beneficiary's response to Q19 from the <i>Cohort I Baseline</i> survey: <i>Do you now have acid indigestion or heartburn?</i> 1 = Yes 2 = No
72	Baseline Survey: Difficulty Controlling Urination Question (Q20)	210	Beneficiary's response to Q20 from the <i>Cohort I Baseline</i> survey: <i>Do you have difficulty controlling urination?</i> 1 = Yes 2 = No
73	Baseline Survey: Hypertension Question (Q21)	211	Beneficiary's response to Q21 from the <i>Cohort I Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Hypertension or high blood pressure</u> 1 = Yes 2 = No
74	Baseline Survey: Angina/Coronary Artery Disease Question (Q22)	212	Beneficiary's response to Q22 from the <i>Cohort I Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Angina or coronary artery disease</u> 1 = Yes 2 = No
75	Baseline Survey: Congestive Heart Failure Question (Q23)	213	Beneficiary's response to Q23 from the <i>Cohort I Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Congestive heart failure</u> 1 = Yes 2 = No
76	Baseline Survey: Myocardial Infarction Question (Q24)	214	Beneficiary's response to Q24 from the <i>Cohort I Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>A myocardial infarction or heart attack</u> 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
91	Baseline Survey: Low Back Pain Question (Q36)	229	Beneficiary's response to Q36 from the <i>Cohort I Baseline</i> survey: <i>In the past 4 weeks, how often has low back pain interfered with your usual daily activities?</i> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
92	Baseline Survey: Pain, Numbness, Tingling Down Leg Question (Q37)	230	Beneficiary's response to Q37 from the <i>Cohort I Baseline</i> survey: <i>In the past 4 weeks, how often did you have pain, numbness, or tingling that travels down your leg and below your knee?</i> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
93	Baseline Survey: Two Weeks of Depression Question (Q38)	231	Beneficiary's response to Q38 from the <i>Cohort I Baseline</i> survey: <i>In the past year, have you had 2 weeks or more during which you felt sad, blue or depressed; or when you lost interest or pleasure in things that you usually cared about or enjoyed?</i> 1 = Yes 2 = No
94	Baseline Survey: Depression Much of the Time Question (Q39)	232	Beneficiary's response to Q39 from the <i>Cohort I Baseline</i> survey: <i>In the past year, have you felt depressed or sad much of the time?</i> 1 = Yes 2 = No
95	Baseline Survey: Depression Most of the Time Question (Q40)	233	Beneficiary's response to Q40 from the <i>Cohort I Baseline</i> survey: <i>Have you ever had 2 years or more in your life when you felt depressed or sad most days, even if you felt okay sometimes?</i> 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
154	Follow Up Survey: Chest Pain/Pressure on Exertion Question (Q13a)	296	Beneficiary's response to Q13a from the <i>Cohort I Follow Up</i> survey: <i>During the past 4 weeks, how often have you had any of the following problems</i> <u>Chest pain or pressure when you exercise</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
155	Follow Up Survey: Chest Pain/Pressure at Rest Question (Q13b)	297	Beneficiary's response to Q13b from the <i>Cohort I Follow Up</i> survey: <i>During the past 4 weeks, how often have you had any of the following problems</i> <u>Chest pain or pressure when resting</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
156	Follow Up Survey: Orthopnea Question (Q14a)	298	Beneficiary's response to Q14a from the <i>Cohort I Follow Up</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When lying down flat</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
157	Follow Up Survey: Dyspnea while Sitting/Resting Question (Q14b)	299	Beneficiary's response to Q14b from the <i>Cohort I Follow Up</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When sitting or resting</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
213	Survey Language at Follow Up	379	<i>Cohort I Follow Up</i> Survey Language 1 = English 2 = Spanish 3 = Not Applicable
214	Baseline Survey: Survey Vendor	380	<i>Cohort I Baseline</i> Survey Vendor: 1 = DSS 2 = GHS 3 = HCIA (Solucient) 4 = Market Facts 5 = NRC 6 = Response Analysis
215	Follow Up Survey: Survey Vendor	381	<i>Cohort I Follow Up</i> Survey Vendor: 1 = DSS 2 = GHS 3 = Solucient 4 = Market Facts
216	Baseline PCS Score	382-386	Beneficiary's Baseline PCS Score
217	Baseline MCS Score	387-391	Beneficiary's Baseline MCS Score
218	Follow Up PCS Score	392-396	Beneficiary's Follow Up PCS Score
219	Follow Up MCS Score	397-401	Beneficiary's Follow Up MCS Score

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
236	Beneficiary's Baseline Race	791	Beneficiary's race from the baseline member level record. This information is derived from CMS' Enrollment Database (EDB). 0 = Unknown 1 = White 2 = Black 3 = Other 4 = Asian 5 = Hispanic 6 = North American Native
237	Beneficiary's Baseline Gender (CMS)	792	Beneficiary's gender from the baseline member level record. This information is derived from CMS' EDB. 1 = Male 2 = Female
238	Beneficiary's Baseline Date of Birth	793-802	Beneficiary's date of birth (DOB) from the baseline member level record. This information is derived from CMS' EDB. MM/DD/YYYY format
239	Beneficiary's Baseline ESRD Status	803	Beneficiary's End Stage Renal Disease (ESRD) status at baseline. This information is derived from CMS' EDB. 0 = No ESRD 1 = ESRD
240	Beneficiary's Baseline Institutional Status	804	Beneficiary's Institutional status at baseline. This information is derived from CMS' EDB. 0 = Out of institution 1 = Institutionalized 2 = Eligible for nursing home care
241	Beneficiary's Baseline Hospice Status	805	Beneficiary's Hospice status at baseline. This information is derived from CMS' EDB. 0 = No hospice start date present 1 = Hospice start date present
242	Beneficiary's Baseline Medicaid Status	806	Beneficiary's Medicaid status at baseline. This information is derived from CMS' EDB. 0 = Out of Medicaid 1 = In Medicaid
243	Beneficiary's Baseline Reason for Entitlement	807-808	Beneficiary's reason for entitlement at baseline. This information is derived from CMS' EDB. 10 = Aged without ESRD 11 = Aged with ESRD 20 = Disabled without ESRD 21 = Disabled with ESRD 31 = ESRD only

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
252	Beneficiary's Follow Up Reason for Entitlement	875-876	Beneficiary's reason for entitlement at follow up. This information is derived from CMS' EDB. 10 = Aged without ESRD 11 = Aged with ESRD 20 = Disabled without ESRD 21 = Disabled with ESRD 31 = ESRD only
253	Follow Up Survey: Name of Person Completing Question (Q56)	877-926	Beneficiary's response to Q56 from the <i>Cohort I Follow Up</i> survey: <i>What is the name of the person who completed this survey form?</i>
254	Date of Death	927-936	Beneficiary's date of death (DOD). This information is derived from CMS' EDB. MM/DD/YYYY format
255	Performance Measurement Analytic Sample Indicator	937	Indicates status of the record in this analytic file 1 = Respondent 2 = Non-Respondent 3 = Invalid 4 = Dead <i>Note beneficiaries who disenrolled from the plan subsequent to completing the baseline survey are not included in this file; however, they were included in the calculation of the performance measurement results.</i>