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MEDICARE HEALTH OUTCOMES SURVEY

2004

Cohort V Follow Up Public Use File
Data User's Guide

PREPARED BY HEALTH SERVICES ADVISORY GROUP

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Program Background

This section provides a description of the HOS background and methodology, including the sampling methodology, survey administration, and survey instrument.

INTRODUCTION TO THE MEDICARE HEALTH OUTCOMES SURVEY

The Centers for Medicare & Medicaid Services (CMS) is committed to monitoring the quality of care provided by Medicare Advantage (MA) Plans. To better evaluate this care, CMS, in collaboration with the National Committee for Quality Assurance (NCQA), launched the first Medicare managed care health outcomes measure in the Health Plan Employer Data and Information Set (HEDIS[®]) in 1998.¹ The measure includes the most recent advances in summarizing physical and mental health outcomes results and appropriate risk adjustment techniques.

The HOS measure was developed under the guidance of a Technical Expert Panel (TEP) comprised of individuals with specific expertise in the health care industry and outcomes measurement. The TEP continues to provide input for developing the science of the HOS measure. CMS has contracted with NCQA to support the standardized administration of the HOS survey, including selecting, training, and certifying independent survey vendors with whom the plans contract to administer the survey.

The HOS measure is an assessment of a health plan's ability to maintain or improve the physical and mental health functioning of its Medicare beneficiaries over a two-year period of time. The functional status of the elderly is known to decline over such a period.² The HOS results are computed using a set of case mix/risk adjustment factors, adjusting for expected differences. The differences between the baseline and the two-year follow up physical and mental health scores are presented in terms of the percentages of beneficiaries who were better, the same, or worse than expected. The resulting aggregation of these scores across beneficiaries within a plan yields the HOS plan level performance measurement results. These results are specific to each individual plan.

Section 722 of the Medicare Prescription Drug, Improvement, and Modernization act of 2003 mandates the collection, analysis, and reporting of health outcomes information. This legislation also specifies that data collected on quality, outcomes, and beneficiary satisfaction to facilitate consumer choice and program administration must utilize the types of data collected prior to November 1, 2003. Collected since 1998, the Medicare HOS is the only outcomes measure in Medicare managed care and therefore remains a critical part of assessing health plan quality. In addition, CMS includes the HOS results as one of the components of their performance assessment program. The goal of the HOS program is to gather valid and reliable health status

¹ HEDIS[®] is a registered trademark of the National Committee for Quality Assurance.

² National Committee for Quality Assurance. *HEDIS[®] 2004, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2004.

data in Medicare managed care for use in quality improvement activities, public reporting, plan accountability, and improving health outcomes.

SAMPLING METHODOLOGY

The HOS measure is administered annually to a randomly selected sample of individuals at baseline from each MA Plan. The sampling methodology is dependent upon the size of a plan's population. For MA Plans with Medicare populations of more than 1,000 members, a simple random sample of 1,000 members is selected for the baseline survey. In those MA Plans with 3,000 or more members, members who responded to the *Cohort IV Baseline* survey are excluded from the *Cohort V Baseline* sample. For MA Plans with populations of 1,000 members or less, all eligible members are included in the sample for the baseline survey. Members are defined as eligible if they have been continuously enrolled for at least six months and do not have End Stage Renal Disease (ESRD).

For the *Cohort V Follow Up* sample, CMS identified beneficiaries from the *Cohort V Baseline* sample who were eligible for remeasurement. Members were eligible for remeasurement if they had sufficient SF-36 (see Survey Instrument subsection on page A3) data to derive PCS and MCS scores at baseline. Beneficiaries were excluded from *Cohort V Follow Up* if they disenrolled from their MA Plan subsequent to the *Cohort V Baseline* survey, or were deceased subsequent to the *Cohort V Baseline* survey. Although deceased beneficiaries are excluded from the *Cohort V Follow Up* sample, CMS includes deceased beneficiaries when calculating the HOS Performance Measurement results.³

In 2002, CMS required all MA Plans, continuing cost contractors, and demonstration projects, including Social Health Maintenance Organizations (Social HMOs), Preferred Provider Organizations (PPOs), and Medicare Alternative Payment Demos with contracts in place on or before January 1, 2001 to participate in the *Cohort V Baseline* survey. In 2004, all plans with contracts in place on or before January 1, 2001 that participated in the *Cohort V Baseline* survey in 2002 were required to participate in the *Cohort V Follow Up* survey.

SURVEY ADMINISTRATION

MA Plans must contract with an NCQA-Certified HOS vendor to administer the survey. For Round 7 data collection, vendors followed the protocol contained in *HEDIS 2004, Volume 6: Specifications for the Medicare Health Outcomes Survey* (also referred to as the 2004 HOS manual).³ The standard HEDIS protocol for administering the HOS employs a combination of mail and telephone survey administration. The mail component of the survey uses a standardized questionnaire, survey letters, and prenotification and reminder/thank you postcards. In those instances when beneficiaries fail to respond after the second mail survey, vendors attempt telephone follow up (with at least six attempts). Vendors also perform telephone follow up for members who return an incomplete mail survey in order to obtain responses to missing

³ National Committee for Quality Assurance. *HEDIS® 2004, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2004.

questions. Vendors use a standardized version of a Computer Assisted Telephone Interviewing (CATI) script to collect telephone interview data for the survey. To ensure the standardization of the data collection process, vendors are prohibited from augmenting or adjusting the HOS protocol or instrument in any manner.

SURVEY INSTRUMENT

For the Round 7 survey administration, the HOS instrument consisted of the SF-36[®] Health Survey^{4, 5} and additional questions, which include but are not limited to those used for case mix/risk adjustment purposes. Physical and mental functioning are measured with the Physical Component Summary (PCS) and Mental Component Summary (MCS) scores, respectively, which are derived from the SF-36.

SF-36[®] Health Survey

The SF-36[®] is a multipurpose, short-form health survey with only 36 questions. The SF-36 yields an eight scale profile of scores, as well as 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 SF-36 asks respondents about their usual activities and how they would rate their health. It is a barometer of physical and mental health functional status. Concepts (scales) included in the SF-36 are:

- *Physical Functioning (PF)* – These ten questions ask respondents to indicate the extent to which their health limits them in performing physical activities.
- *Role-Physical (RP)* – These four questions assess whether respondents’ physical health limits them in the kind of work or other usual activities they perform, both in terms of time and performance.
- *Role-Emotional (RE)* – These three questions assess whether emotional problems have caused respondents to accomplish less in their work or other usual activities, both in terms of time and performance.
- *Bodily Pain (BP)* – These two questions determine the respondents’ frequency of pain and the extent to which it interferes with their normal activities.
- *Social Functioning (SF)* – These two questions ask respondents to indicate limitations in social function due specifically to health.
- *Mental Health (MH)* – These five questions ask respondents how frequently they experience feelings representing four major mental health dimensions: anxiety, depression, loss of behavioral/emotional control, and psychological well being.

⁴ SF-36[®] is a registered trademark of the Medical Outcomes Trust.

⁵ Ware JE, Snow KK, Kosinski M, Gandek B. *SF-36[®] Health Survey Manual and Interpretation Guide*. Boston, MA: New England Medical Center, The Health Institute, 1993.

- *Vitality (VT)* – These four questions ask respondents to rate their well being by indicating how frequently they experience energy and fatigue.
- *General Health (GH)* – These five questions ask respondents to rate their current health status overall, susceptibility to illness, and their expectations for health in the future.

Figure 1 on page A6 illustrates the taxonomy of items and concepts underlying the construction of the SF-36 scales and summary measures. The taxonomy has three levels: (1) items; (2) eight scales that aggregate 2-10 items each; and (3) two summary measures that aggregate the scales. All but one of the 36 items (self-reported health transition) are used to score the eight SF-36 scales. Each item is used in scoring only one scale. The eight scales form two distinct higher-ordered clusters (principal components) that are the basis for scoring the physical (PCS) and mental (MCS) component summary measures. These components account for 80-85% of the reliable variance in the eight scales in the US general population and in other countries, in both cross-sectional and longitudinal studies.^{6, 7, 8} This discovery made it possible to reduce the number of statistical comparisons involved in analyzing the SF-36 (from eight to two) without substantial loss of information.^{8,9}

Additional Questions

The HOS instrument also includes questions on demographics, depression, chronic medical conditions, Activities of Daily Living (ADLs), smoking, physical symptoms, urinary incontinence, and healthy days, as well as other questions. Demographics include questions on beneficiary age, gender, race, education, marital status, and annual household income.

Thirteen chronic medical conditions are included in the questionnaire. These conditions are: hypertension; angina pectoris or coronary artery disease; congestive heart failure; myocardial infarction or heart attack; other heart conditions, such as heart valve defects or arrhythmias; stroke; emphysema, asthma, or Chronic Obstructive Pulmonary Disease (COPD); inflammatory bowel disease, including Crohn's disease and ulcerative colitis; arthritis of the hip or knee; arthritis of the hand or wrist; sciatica; diabetes, hyperglycemia, or glycosuria; and any cancer (other than skin cancer).

Six ADLs are included in the HOS to determine self-reported difficulty with performance of daily tasks. ADLs include bathing, dressing, eating, getting in or out of chairs, walking, and using the toilet.

⁶ Ware JE, Kosinski M, Keller SD. *SF-36 Physical and Mental Health Summary Scales: A User's Manual*. Boston, MA: The Health Institute, 1994.

⁷ Ware JE, Kosinski M, Gandek B, Aaronson NK, Apolone G, Bech P, *et al*. The factor structure of the SF-36 Health Survey in ten countries: Results from the IQOLA Project. *Journal of Clinical Epidemiology* 1998; 51:1159-1165.

⁸ Ware JE, Kosinski M, Bayliss MS, McHorney CA, Rogers WH, Raczek A. Comparison of methods for the scoring and statistical analysis of SF-36 health profiles and summary measures: Summary of results from the Medical Outcomes Study. *Medical Care* 1995; 33: AS264-AS279.

⁹ 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.

The HOS included three questions that comprise a depression screen. A respondent is considered to have a positive depression screen when he or she answers “yes” to *any* of the three depression questions (numbers 39, 40, or 41). The three questions that are utilized for the depression screen are:

- *Question 39: 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?*
- *Question 40: In the past year, have you felt depressed or sad much of the time?*
- *Question 41: 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?*

To increase the utility of the HOS, the 2004 HOS instrument incorporated several new questions that were not in the 2002 *Cohort V Baseline* instrument. The addition of three Healthy Days questions from the Centers for Disease Control and Prevention’s (CDC) Behavioral Risk Factor Surveillance System (BRFSS), along with a standard question on general self-rated health, allows a link between HOS and BRFSS results. In addition, four questions about the management of urinary incontinence were added to the HOS instrument to support a new HEDIS measure. This new measure, Management of Urinary Incontinence (UI) in Older Adults, is a part of the Effectiveness of Care domain of HEDIS.

For further information on the Medicare HOS instrument, please refer to the HEDIS 2004, Volume 6 manual.¹⁰ In addition, copies of the HOS instrument can be obtained from the Medicare HOS section of CMS’ website (<http://www.cms.hhs.gov/surveys/hos>).

FIELD UTILIZATION NOTES

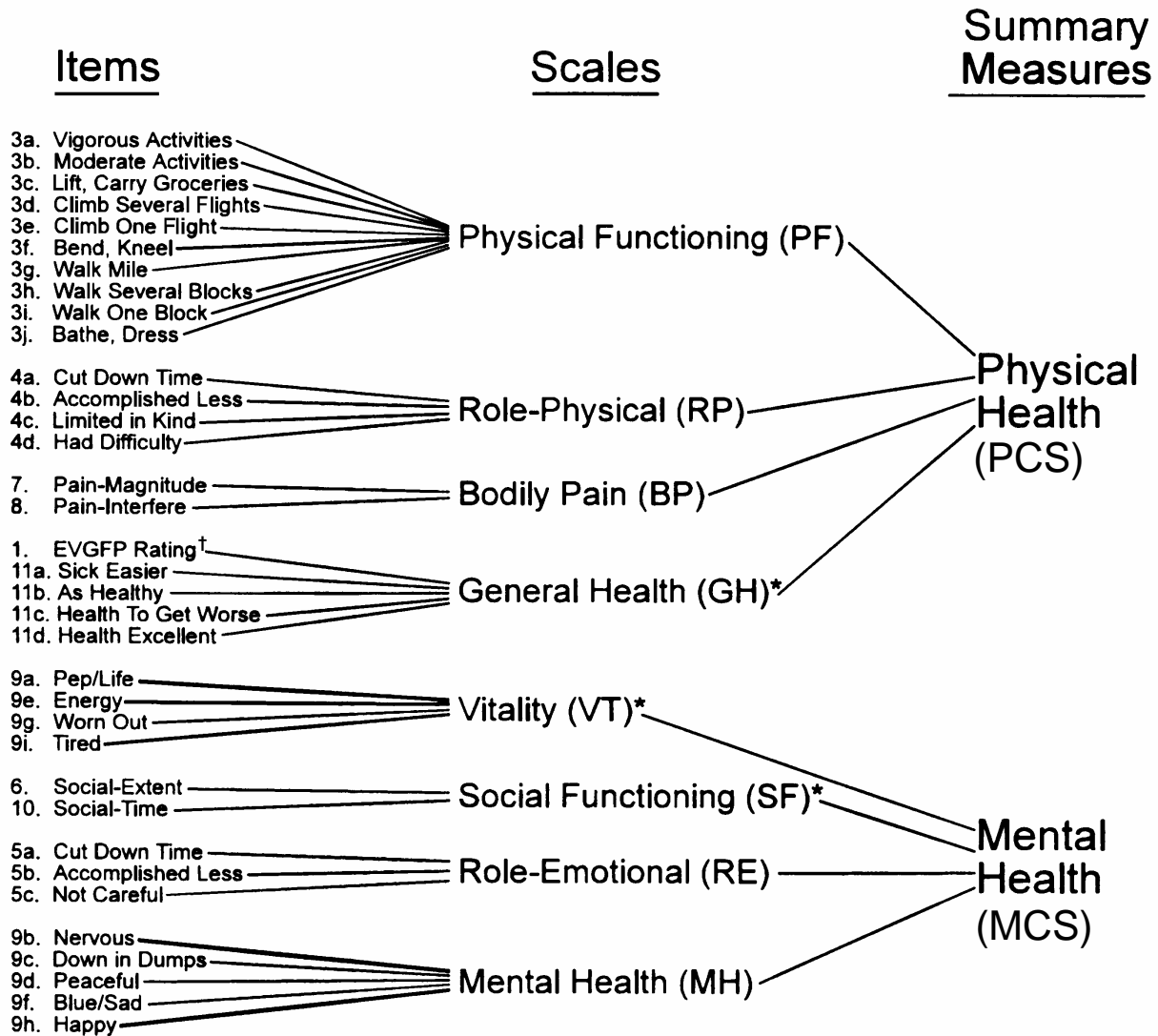
- ◆ The HOS questionnaire contains multiple skip patterns. Caution should be exercised when examining selected questions that involve skip pattern responses. Please refer to the *Field Index* section (D) for additional information.
- ◆ When the sampled beneficiary was unable to complete the survey, the HOS protocol allows for the utilization of a proxy respondent. Surveys completed either by the respondents themselves or by proxy respondents are included in this data file.

TECHNICAL ASSISTANCE

The Medicare HOS Information and Technical Support Telephone Line (1-888-880-0077), as well as the HOS e-mail address (hos@azqio.sdps.org), are available to provide assistance with report interpretation and data questions. Additionally, the Medicare HOS section of CMS’ website provides general information on the program (<http://www.cms.hhs.gov/surveys/hos>).

¹⁰ National Committee for Quality Assurance. *HEDIS® 2004, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2004.

FIGURE 1: SF-36 MEASUREMENT MODEL



* Significant correlation with other summary measure
 † EVGFP Rating: In general, would you say your health is:
Excellent Very Good Good Fair Poor

Source: Ware JE, Kosinski M, Keller SD. *SF-36 Physical and Mental Health Summary Scales: A User's Manual*. Boston, MA: The Health Institute, 1994.

Characteristics of the Public Use File

This section provides an overview of the Medicare Health Outcomes Survey (HOS) *Cohort V Follow Up* Public Use File (C5F_PUF.TXT), including the general characteristics of the data and a description of the fields contained within it. For a more detailed discussion of these items, please refer to the HEDIS 2004, Volume 6 manual.

DATA FILE OVERVIEW

The 2002 *Cohort V Baseline* Medicare HOS included a random sample of 173,504 beneficiaries, including both the aged and disabled from 178 managed care plans. During the two years between the 2002 *Cohort V Baseline* survey and the 2004 *Cohort V Follow Up* survey, a number of MA Plans discontinued offering managed care to Medicare beneficiaries, or consolidated with other health plans. As a result of these changes, 153 reporting units (MA Plans) and 74,562 beneficiaries remained eligible at the time of the 2004 *Cohort V Follow Up* survey. Beneficiaries were eligible for follow up if they were still alive, enrolled in their original MA Plan, and either had calculable SF-36 Physical Component Summary (PCS) and Mental Component Summary (MCS) scores at baseline or had a baseline survey disposition code equal to M10, M11, M31, T10, T11, or T31 (please refer to page D20 for code description).

Of the 74,562 individuals sampled at the time of follow up, 83.2% (62,053) completed the follow up survey and were included in the C5F_PUF.TXT data file.¹¹ For the purposes of this data file, a completed survey was defined as a survey with at least one question item completed and a survey disposition code equal to M10, M11, M31, T10, T11, or T31. The C5F_PUF.TXT data file is a fixed-width ASCII text file (7.5 megabytes in size). There are a total of 101 fields and 62,053 beneficiary records in the C5F_PUF.TXT data file. Each row in the C5F_PUF.TXT data file represents an individual's HOS survey responses, also referred to as a beneficiary record.

This Public Use File (PUF) has been modified from the original *Cohort V Follow Up* data file in order to preserve the confidentiality at the beneficiary and plan levels. Many demographic and plan-level fields have been omitted from this file or have been collapsed into fewer categories (see *Limitations of the Data* section [C]). Health insurance claim (HIC) number, which is a sensitive beneficiary identifying field, has been replaced with a unique nine digit randomly assigned number. Other identifiable fields, such as Social Security number, beneficiary's name, etc., have been removed.

¹¹ The *Cohort V Follow Up sample* includes beneficiaries who completed the HOS in English, Spanish, or Chinese language versions of the survey.

The 101 fields in the C5F_PUF.TXT data file are organized into three different groups:

- ◆ identification and demographics
- ◆ survey questions
- ◆ survey administration

Please note, if you are interested in merged Cohort V Baseline and Cohort V Follow Up data, please refer to the Cohort V Analytic PUF Data User's Guide.

FIELD DESCRIPTIONS

The following content provides details for interpreting the specific fields contained within the data file.

Identification and Demographics

- ◆ **Unique Identification Number**, Field: 1
This is a unique nine digit number that is randomly assigned for each beneficiary record. Positions 1 through 3 identify the follow up cohort in which the respondent was surveyed. Positions 4 through 9 contain a random number. For the baseline survey administration, beneficiaries who were measured in multiple baseline cohorts retained the initially assigned blinded identification number in all subsequent surveys. However, due to confidentiality issues, the identification number assigned to a beneficiary in the follow up cohort public use file does **not** correspond to the identification number assigned to the same beneficiary in the baseline cohort public use file. The data file is sorted by this unique identification number.
Example: R05000021
Source: Field created by Health Services Advisory Group (HSAG) during production of the C5F_PUF.TXT data file
- ◆ **Age Group**, Field: 2
Age group of the beneficiary
Source: Centers for Medicare & Medicaid Services (CMS) Medicare Enrollment Database
- ◆ **Race**, Field: 3
Self-reported race of the beneficiary
Source: Q51 from survey
- ◆ **Gender**, Field: 4
Self-reported gender of the beneficiary
Source: Q49 from survey

- ◆ ***Marital Status***, Field: 5
Self-reported marital status of the beneficiary
Source: Q52 from survey
- ◆ ***Education Level***, Field: 6
Self-reported educational attainment of the beneficiary
This field is blank for all records in the C5F_PUF.TXT data file because the count of the collapsed category was too small to ensure confidentiality of the beneficiaries.
Source: Q53 from survey

Survey Questions

- ◆ **SF-36[®] Questions**, Fields: 7 through 42
These fields represent the SF-36 survey questions, which can be found on pages 45 through 47 of the HEDIS 2004, Volume 6 manual. SF-36 survey questions include Q1 through Q11d in the HOS questionnaire. Please refer to the *Program Background* section (A) in this Data User's Guide for a more detailed description of the SF-36. Please note, survey question Q2 is not a part of the SF-36 scale scores and summary measures.
- ◆ ***Additional Questions***, Fields: 43 through 95
These fields comprise the balance of the survey questions found on pages 48 through 55 of the HEDIS 2004, Volume 6 manual. These fields include most of the remaining questions Q12 through Q57 in the HOS questionnaire. Please refer to the *Program Background* section (A) for a more detailed outline of these questions. Selected demographic questions contained in the survey are not available in this PUF due to confidentiality issues.

Survey Administration

- ◆ ***Survey Disposition***, Field: 96
Identifies completion status and mode by which the survey was completed
Source: NCQA-Certified HOS Vendor
- ◆ ***Survey Round***, Field: 97
Stage in which survey was returned to a vendor
Source: NCQA-Certified HOS Vendor
- ◆ ***Percent of Survey Completed***, Field: 98
Percentage of the survey completed by the respondent
Source: Field created by HSAG during the data cleaning and processing of the *Cohort V Follow Up* data file
- ◆ ***Cohort Identifier***, Field: 99
Cohort in which the HOS surveys contained in this data file were submitted
SPECIAL NOTE: Value for each record will equal "R05"
Source: Field created by HSAG during production of the C5F_PUF.TXT data file

- ◆ ***CMS Region***, Field: 100
CMS Regional Office to which the plan belongs
Source: May 2004 CMS Monthly Report of Managed Care Health Plans

- ◆ ***Survey Language***, Field: 101
Language in which the survey was completed
Source: NCQA-Certified HOS Vendor

Further details of the contents of the data file are available in the *Field Index* section (D) of this Data User's Guide.

Limitations of the Data

This section illustrates the limitations of the data, including issues relative to the categorization of selected fields and the identification of Medicare beneficiaries.

Selected questions that appear in the *2004 Health Outcomes Survey Questionnaire*¹² are not available in the C5F_PUF.TXT data file due to confidentiality issues. Demographic fields that have been omitted include the beneficiary's year of birth, homeownership, annual household income, Hispanic or Spanish family background, and the name of the person who completed the survey. Many plan-related fields have also been omitted to ensure confidentiality of the plan. The values of the beneficiary educational level field are blank for all records because the count of the collapsed category was too small to ensure confidentiality of beneficiaries.

CATEGORIZATION OF SELECTED FIELDS

Selected demographic fields were collapsed into fewer categories to maintain beneficiary confidentiality. Collapsed categories include:

Field	Scale in C5F_PUF.TXT	Scale in HOS Questionnaire ¹³
Race of Beneficiary	1 = White 2 = Black or African American 3 = Other	1 = American Indian or Alaskan Native 2 = Asian or Pacific Islander 3 = Black or African American 4 = White 5 = Another race or multiracial
Marital Status of Beneficiary	1 = Married 2 = Non-Married	1 = Married 2 = Divorced 3 = Separated 4 = Widowed 5 = Never married

CHANGES IN IDENTIFICATION OF SURVEYED BENEFICIARIES

The HOS uniquely identifies beneficiaries by using the beneficiary's HIC number. However, a beneficiary's HIC number can change through special circumstances. Changes in a beneficiary's HIC number between baseline and follow up sampling are accounted for in the sampling protocol. However, changes in a beneficiary's HIC number between baseline cohorts are not accommodated in the sampling protocol.

¹² National Committee for Quality Assurance. *HEDIS® 2004, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2004.

¹³ Scale as it is represented in the *2004 HOS Questionnaire*.

Field Index

This section provides detailed information regarding the structure and fields of the C5F_PUF.TXT data file. The following tables include the order, position, valid values, and any additional information for each field in the data file. Fields are presented in the same order as they exist in the data.

The C5F_PUF.TXT data file:

- ◆ is a fixed-width ASCII text file of 7.5 megabytes
- ◆ consists of *Cohort V Follow Up* HOS surveys completed in 2004
- ◆ contains a total of 101 fields and 62,053 beneficiary records
- ◆ contains a blank space for all missing values
- ◆ contains numeric values with the exception of field numbers 1, 96, 97, and 99
- ◆ is sorted by the unique identification number

Please note, if you are interested in merged Cohort V Baseline and Cohort V Follow Up data, please refer to the Cohort V Analytic PUF.

IDENTIFICATION AND DEMOGRAPHICS

Field #	Field Description	Field Position	Additional Information and Valid Values
1	Unique Identification Number	1-9	A unique nine digit randomly assigned number for each beneficiary. SPECIAL NOTE: This field contains a character string. Example: R05000021
2	Age Group of Beneficiary	10	Age obtained from the CMS Medicare Enrollment Database SPECIAL NOTE: Category has been collapsed to ensure confidentiality of beneficiaries. 1 = Less than 65 2 = 65 to 74 3 = 75 and older
3	Race of Beneficiary	11	Beneficiary's response to Q51 from the <i>Cohort V Follow Up</i> survey SPECIAL NOTE: Category has been collapsed to ensure confidentiality of beneficiaries. <i>How would you describe your race?</i> 1 = White 2 = Black or African American 3 = Other
4	Gender of Beneficiary	12	Beneficiary's response to Q49 from the <i>Cohort V Follow Up</i> survey: <i>Are you male or female?</i> 1 = Male 2 = Female
5	Marital Status of Beneficiary	13	Beneficiary's response to Q52 from the <i>Cohort V Follow Up</i> survey SPECIAL NOTE: Category has been collapsed to ensure confidentiality of beneficiaries. <i>What is your current marital status?</i> 1 = Married 2 = Non-Married
6	Education Level of Beneficiary This field is blank for all records in the C5F_PUF.TXT data file because the count of the collapsed category was too small to ensure confidentiality of beneficiaries.	14	Beneficiary's response to Q53 from the <i>Cohort V Follow Up</i> survey SPECIAL NOTE: Category has been collapsed to ensure confidentiality of beneficiaries. <i>What is the highest grade or level of school that you have completed?</i> 1 = Less than a high school education or GED 2 = High school education or GED 3 = Greater than a high school education or GED

SURVEY QUESTIONS

Field #	Field Description	Field Position	Additional Information and Valid Values
7	General Health Question (Q1)	15	Beneficiary's response to Q1 from the <i>Cohort V Follow Up</i> survey: <i>In general, would you say your health is:</i> 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor
8	Health Transition Question (Q2)	16	Beneficiary's response to Q2 from the <i>Cohort V Follow Up</i> survey: <i>Compared to one year ago, how would you rate your health in general now?</i> 1 = Much better now than one year ago 2 = Somewhat better now than one year ago 3 = About the same as one year ago 4 = Somewhat worse now than one year ago 5 = Much worse now than one year ago
9	Vigorous Activities Question (Q3a)	17	Beneficiary's response to Q3a from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Vigorous activities, such as running, lifting heavy objects, participating in strenuous sports</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
10	Moderate Activities Question (Q3b)	18	Beneficiary's response to Q3b from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Moderate activities, such as moving a table, pushing a vacuum cleaner, bowling, or playing golf</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
11	Lifting or Carrying Groceries Question (Q3c)	19	Beneficiary's response to Q3c from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Lifting or carrying groceries</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
12	Climbing Several Flights of Stairs Question (Q3d)	20	Beneficiary's response to Q3d from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Climbing several flights of stairs</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
13	Climbing One Flight of Stairs Question (Q3e)	21	Beneficiary's response to Q3e from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Climbing one flight of stairs</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
14	Bending, Kneeling, or Stooping Question (Q3f)	22	Beneficiary's response to Q3f from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Bending, kneeling, or stooping</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
15	Walking More than a Mile Question (Q3g)	23	Beneficiary's response to Q3g from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Walking more than a mile</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
16	Walking Several Blocks Question (Q3h)	24	Beneficiary's response to Q3h from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Walking several blocks</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
17	Walking One Block Question (Q3i)	25	Beneficiary's response to Q3i from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Walking one block</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
18	Bathing or Dressing Question (Q3j)	26	Beneficiary's response to Q3j from the <i>Cohort V Follow Up</i> survey: <i>The following items are about activities you might do during a typical day. Does your health now limit you in these activities?</i> <i>If so, how much?</i> <u>Bathing or dressing yourself</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
19	Physical Health Limiting Time Spent on Activities Question (Q4a)	27	Beneficiary's response to Q4a from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No
20	Physical Health Limiting Amount Accomplished Question (Q4b)	28	Beneficiary's response to Q4b from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Accomplished less than you would like</u> 1 = Yes 2 = No
21	Physical Health Limiting the Kind of Activities Question (Q4c)	29	Beneficiary's response to Q4c from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Were limited in the kind of work or other activities</u> 1 = Yes 2 = No

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
22	Physical Health Causing Difficulty Performing Activities Question (Q4d)	30	Beneficiary's response to Q4d from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Had difficulty performing the work or other activities (for example, it took extra effort)</u> 1 = Yes 2 = No
23	Emotional Problems Limiting Time Spent on Activities Question (Q5a)	31	Beneficiary's response to Q5a from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?</i> <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No
24	Emotional Problems Limiting Amount Accomplished Question (Q5b)	32	Beneficiary's response to Q5b from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?</i> <u>Accomplished less than you would like</u> 1 = Yes 2 = No
25	Emotional Problems Limiting Carefulness Question (Q5c)	33	Beneficiary's response to Q5c from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?</i> <u>Didn't do work or other activities as carefully as usual</u> 1 = Yes 2 = No

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
26	Extent Health Interfering with Social Activities Question (Q6)	34	Beneficiary's response to Q6 from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, to what extent has your physical health or emotional problems interfered with your normal social activities with family, friends, neighbors, or groups?</i> 1 = Not at all 2 = Slightly 3 = Moderately 4 = Quite a bit 5 = Extremely
27	Bodily Pain Question (Q7)	35	Beneficiary's response to Q7 from the <i>Cohort V Follow Up</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
28	Pain Interfering with Work Question (Q8)	36	Beneficiary's response to Q8 from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, how much did pain interfere with your normal work (including both work outside the home and housework)?</i> 1 = Not at all 2 = A little bit 3 = Moderately 4 = Quite a bit 5 = Extremely
29	Full of Pep Question (Q9a)	37	Beneficiary's response to Q9a from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. 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

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
30	Nervous Question (Q9b)	38	<p>Beneficiary's response to Q9b from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...</i></p> <p><u>Have you been a very nervous person?</u></p> <p>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</p>
31	Down in the Dumps Question (Q9c)	39	<p>Beneficiary's response to Q9c from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...</i></p> <p><u>Have you felt so down in the dumps that nothing could cheer you up?</u></p> <p>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</p>
32	Calm and Peaceful Question (Q9d)	40	<p>Beneficiary's response to Q9d from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...</i></p> <p><u>Have you felt calm and peaceful?</u></p> <p>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</p>

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
33	Lots of Energy Question (Q9e)	41	<p>Beneficiary's response to Q9e from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...</i></p> <p><u>Did you have a lot of energy?</u></p> <p>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</p>
34	Downhearted and Blue Question (Q9f)	42	<p>Beneficiary's response to Q9f from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...</i></p> <p><u>Have you felt downhearted and blue?</u></p> <p>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</p>
35	Feeling Worn Out Question (Q9g)	43	<p>Beneficiary's response to Q9g from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...</i></p> <p><u>Did you feel worn out?</u></p> <p>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</p>

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
36	Happy Question (Q9h)	44	Beneficiary's response to Q9h from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks... Have you been a happy person?</i> 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	Feeling Tired Question (Q9i)	45	Beneficiary's response to Q9i from the <i>Cohort V Follow Up</i> survey: <i>These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks... Did you feel tired?</i> 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
38	Amount of Time Health Interfering with Social Activities Question (Q10)	46	Beneficiary's response to Q10 from the <i>Cohort V Follow Up</i> survey: <i>During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities (like visiting with friends, relatives, etc)?</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
39	Sick Easier Question (Q11a)	47	Beneficiary's response to Q11a from the <i>Cohort V Follow Up</i> survey: <i>How TRUE or FALSE is each of the following statements for you?</i> <u>I seem to get sick a little easier than other people</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
40	As Healthy Question (Q11b)	48	Beneficiary's response to Q11b from the <i>Cohort V Follow Up</i> survey: <i>How TRUE or FALSE is each of the following statements for you?</i> <u>I am as healthy as anybody I know</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
41	Future Health Question (Q11c)	49	Beneficiary's response to Q11c from the <i>Cohort V Follow Up</i> survey: <i>How TRUE or FALSE is each of the following statements for you?</i> <u>I expect my health to get worse</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
42	Excellent Health Question (Q11d)	50	Beneficiary's response to Q11d from the <i>Cohort V Follow Up</i> survey: <i>How TRUE or FALSE is each of the following statements for you?</i> <u>My health is excellent</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
43	Bathing Question (Q12a)	51	Beneficiary's response to Q12a from the <i>Cohort V Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Bathing</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
44	Dressing Question (Q12b)	52	Beneficiary's response to Q12b from the <i>Cohort V Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Dressing</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
45	Eating Question (Q12c)	53	Beneficiary's response to Q12c from the <i>Cohort V Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Eating</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
46	Getting In or Out of Chairs Question (Q12d)	54	Beneficiary's response to Q12d from the <i>Cohort V Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Getting in or out of chairs</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
47	Walking Question (Q12e)	55	Beneficiary's response to Q12e from the <i>Cohort V Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Walking</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
48	Using the Toilet Question (Q12f)	56	Beneficiary's response to Q12f from the <i>Cohort V Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Using the toilet</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
49	Number of Days Physical Health Not Good Question (Q13)	57-58	Beneficiary's response to Q13 from the <i>Cohort V Follow Up</i> survey <i>Now, thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?</i>
50	Number of Days Mental Health Not Good Question (Q14)	59-60	Beneficiary's response to Q14 from the <i>Cohort V Follow Up</i> survey <i>Now, thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?</i>
51	Number of Days Health Interfered with Daily Activities Question (Q15)	61-62	Beneficiary's response to Q15 from the <i>Cohort V Follow Up</i> survey <i>During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?</i>

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
52	Chest Pain or Pressure During Exercise Question (Q16a)	63	Beneficiary's response to Q16a from the <i>Cohort V 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
53	Chest Pain or Pressure When Resting Question (Q16b)	64	Beneficiary's response to Q16b from the <i>Cohort V 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
54	Shortness of Breath When Lying Flat Question (Q17a)	65	Beneficiary's response to Q17a from the <i>Cohort V 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
55	Shortness of Breath When Sitting or Resting Question (Q17b)	66	Beneficiary's response to Q17b from the <i>Cohort V 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
56	Shortness of Breath When Walking Less than One Block Question (Q17c)	67	Beneficiary's response to Q17c from the <i>Cohort V 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 walking less than one block</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

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
57	Shortness of Breath When Climbing One Flight of Stairs Question (Q17d)	68	Beneficiary's response to Q17d from the <i>Cohort V 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 climbing one flight of stairs</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	Numbness in Feet Question (Q18a)	69	Beneficiary's response to Q18a from the <i>Cohort V Follow Up</i> 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>Numbness or loss of feeling in 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
59	Foot Tingling or Burning Question (Q18b)	70	Beneficiary's response to Q18b from the <i>Cohort V Follow Up</i> 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 sensation 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
60	Decreased Temperature Sensation in Feet Question (Q18c)	71	Beneficiary's response to Q18c from the <i>Cohort V Follow Up</i> 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

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
61	Sores or Wounds on Feet Question (Q18d)	72	Beneficiary's response to Q18d from the <i>Cohort V Follow Up</i> 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
62	Paralysis or Weakness Question (Q19a)	73	Beneficiary's response to Q19a from the <i>Cohort V Follow Up</i> 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
63	Lost Ability to Talk Question (Q19b)	74	Beneficiary's response to Q19b from the <i>Cohort V Follow Up</i> survey: <i>Have you ever lost the ability to talk?</i> 1 = Yes, I have lost it 2 = Yes, but it returned 3 = No
64	Vision Question (Q20)	75	Beneficiary's response to Q20 from the <i>Cohort V Follow Up</i> survey: <i>Can you see well enough to read newspaper print (with your glasses or contacts if that's how you see best)?</i> 1 = Yes 2 = No
65	Hearing Question (Q21)	76	Beneficiary's response to Q21 from the <i>Cohort V Follow Up</i> survey: <i>Can you hear most of the things people say (with a hearing aid if that's how you hear best)?</i> 1 = Yes 2 = No
66	Difficulty Controlling Urination Question (Q22)	77	Beneficiary's response to Q22 from the <i>Cohort V Follow Up</i> survey: <i>Do you have difficulty controlling urination?</i> 1 = Yes 2 = No
67	Hypertension Question (Q23)	78	Beneficiary's response to Q23 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Hypertension or high blood pressure</u> 1 = Yes 2 = No

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
68	Angina Pectoris or Coronary Artery Disease Question (Q24)	79	Beneficiary's response to Q24 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Angina pectoris or coronary artery disease</u> 1 = Yes 2 = No
69	Congestive Heart Failure Question (Q25)	80	Beneficiary's response to Q25 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Congestive heart failure</u> 1 = Yes 2 = No
70	Myocardial Infarction Question (Q26)	81	Beneficiary's response to Q26 from the <i>Cohort V Follow Up</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
71	Other Heart Conditions Question (Q27)	82	Beneficiary's response to Q27 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Other heart conditions, such as problems with heart valves or the rhythm of your heartbeat</u> 1 = Yes 2 = No
72	Stroke Question (Q28)	83	Beneficiary's response to Q28 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>A stroke</u> 1 = Yes 2 = No
73	COPD Question (Q29)	84	Beneficiary's response to Q29 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Emphysema, or asthma, or COPD</u> 1 = Yes 2 = No
74	Inflammatory Bowel Disease Question (Q30)	85	Beneficiary's response to Q30 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Crohn's disease, ulcerative colitis, or inflammatory bowel disease</u> 1 = Yes 2 = No
75	Arthritis of Hip or Knee Question (Q31)	86	Beneficiary's response to Q31 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Arthritis of the hip or knee</u> 1 = Yes 2 = No

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
76	Arthritis of Hand or Wrist Question (Q32)	87	Beneficiary's response to Q32 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Arthritis of the hand or wrist</u> 1 = Yes 2 = No
77	Sciatica Question (Q33)	88	Beneficiary's response to Q33 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Sciatica</u> 1 = Yes 2 = No
78	Diabetes Question (Q34)	89	Beneficiary's response to Q34 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Diabetes, high blood sugar, or sugar in the urine</u> 1 = Yes 2 = No
79	Any Cancer Question (Q35)	90	Beneficiary's response to Q35 from the <i>Cohort V Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Any cancer (other than skin cancer)</u> 1 = Yes 2 = No
80	Arthritis Pain Question (Q36)	91	Beneficiary's response to Q36 from the <i>Cohort V Follow Up</i> survey (if answered "yes" to Q31 or Q32): <i>During the past 4 weeks, how would you describe the arthritis pain you usually had?</i> 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe
81	Colorectal Cancer Treatment Question (Q37a)	92	Beneficiary's response to Q37a from the <i>Cohort V Follow Up</i> survey (if answered "yes" to Q35): <i>Are you currently under treatment for:</i> <u>Colon or rectal cancer</u> 1 = Yes 2 = No
82	Lung Cancer Treatment Question (Q37b)	93	Beneficiary's response to Q37b from the <i>Cohort V Follow Up</i> survey (if answered "yes" to Q35): <i>Are you currently under treatment for:</i> <u>Lung cancer</u> 1 = Yes 2 = No

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
83	Breast Cancer Treatment Question (Q37c)	94	Beneficiary's response to Q37c from the <i>Cohort V Follow Up</i> survey (if answered "yes" to Q35): <i>Are you currently under treatment for:</i> <u>Breast cancer</u> 1 = Yes 2 = No
84	Prostate Cancer Treatment Question (Q37d)	95	Beneficiary's response to Q37d from the <i>Cohort V Follow Up</i> survey (if answered "yes" to Q35): <i>Are you currently under treatment for:</i> <u>Prostate cancer</u> 1 = Yes 2 = No
85	Low Back Pain Question (Q38)	96	Beneficiary's response to Q38 from the <i>Cohort V Follow Up</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
86	Two Weeks of Depression Question (Q39)	97	Beneficiary's response to Q39 from the <i>Cohort V Follow Up</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
87	Depression Much of the Time Question (Q40)	98	Beneficiary's response to Q40 from the <i>Cohort V Follow Up</i> survey: <i>In the past year, have you felt depressed or sad much of the time?</i> 1 = Yes 2 = No
88	Depression Most of the Time Question (Q41)	99	Beneficiary's response to Q41 from the <i>Cohort V Follow Up</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
89	Comparative Health Question (Q42)	100	Beneficiary's response to Q42 from the <i>Cohort V Follow Up</i> survey: <i>In general, compared to other people your age, would you say that your health is:</i> 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor

SURVEY QUESTIONS (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
90	Current Smoker Question (Q43)	101	Beneficiary's response to Q43 from the <i>Cohort V Follow Up</i> survey: <i>Do you now smoke every day, some days, or not at all?</i> 1 = Every day 2 = Some days 3 = Not at all 4 = Don't know
91	Urine Leakage Question (Q44)	102	Beneficiary's response to Q44 from the <i>Cohort V Follow Up</i> survey: <i>In the last 6 months, have you accidentally leaked urine?</i> 1 = Yes (Go to Q45) 2 = No (Go to Q48)
92	Magnitude of Urine Leakage Problem Question (Q45)	103	Beneficiary's response to Q45 from the <i>Cohort V Follow Up</i> survey: <i>How much of a problem, if any, was the urine leakage for you?</i> 1 = A big problem (Go to Q46) 2 = A small problem (Go to Q46) 3 = Not a problem (Go to Q48)
93	Talked with Doctor about Urine Leakage Question (Q46)	104	Beneficiary's response to Q46 from the <i>Cohort V Follow Up</i> survey: <i>Have you talked with your current doctor or other health provider about your urine leakage problem?</i> 1 = Yes (Go to Q47) 2 = No (Go to Q48)
94	Received Treatment for Urine Leakage Question (Q47)	105	Beneficiary's response to Q47 from the <i>Cohort V Follow Up</i> survey: <i>There are many ways to treat urinary incontinence including bladder training, exercises, medication and surgery. Have you received these or any other treatments for your current urine leakage problem?</i> 1 = Yes 2 = No
95	Who Completed this Survey Question (Q55)	106	Beneficiary's response to Q55 from the <i>Cohort V Follow Up</i> survey: <i>Who completed this survey form?</i> 1 = Person to whom the survey was addressed 2 = Family member or relative of person to whom the survey was addressed 3 = Friend of person to whom the survey was addressed 4 = Professional caregiver of person to whom the survey was addressed

SURVEY ADMINISTRATION

Field #	Field Description	Field Position	Additional Information and Valid Values
96	Survey Disposition	107-109	<p>SPECIAL NOTE: This field contains a character string.</p> <p>M10/T10 = completed survey (\geq 80% complete)</p> <p>M11/T11 = non-response: partial complete (\geq 50% but < 80% complete)</p> <p>M31/T31 = non-response: break-off (\geq0% but <50% complete)</p> <p>Note: For survey disposition codes, M=Mail and T=Telephone</p>
97	Survey Round	110-111	<p>SPECIAL NOTE: This field contains a character string.</p> <p>M1 = 1st mailing M2 = 2nd mailing T1 = 1st telephone T2 = 2nd telephone T3 = 3rd telephone T4 = 4th telephone T5 = 5th telephone T6 = 6th telephone MT = Partially completed by mail and converted to complete by telephone NC = Not completed</p>
98	Percent of Survey Completed	112-116	Range: 0 to 100% (value is rounded to the tenths decimal place)
99	Cohort Identifier	117-119	<p>Current HOS cohort</p> <p>SPECIAL NOTE: This field contains a character string.</p> <p>Value for each record = "R05"</p>

SURVEY ADMINISTRATION (CONT.)

Field #	Field Description	Field Position	Additional Information and Valid Values
100	CMS Region	120-121	<p>1 = Region I – Boston (serving Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont)</p> <p>2 = Region II – New York (serving New York, New Jersey, Puerto Rico, and the Virgin Islands)</p> <p>3 = Region III – Philadelphia (serving Delaware, Washington DC, Maryland, Pennsylvania, Virginia, and West Virginia)</p> <p>4 = Region IV – Atlanta (serving Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee)</p> <p>5 = Region V – Chicago (serving Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin)</p> <p>6 = Region VI – Dallas (serving Arkansas, Louisiana, New Mexico, Oklahoma, and Texas)</p> <p>7 = Region VII – Kansas City (serving Iowa, Kansas, Missouri, and Nebraska)</p> <p>8 = Region VIII – Denver (serving Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming)</p> <p>9 = Region IX – San Francisco (serving Arizona, California, Guam, Hawaii, and Nevada)</p> <p>10 = Region X – Seattle (serving Alaska, Idaho, Oregon, and Washington)</p>
101	Survey Language	122	<p>1 = English</p> <p>2 = Spanish</p> <p>3 = Not Applicable</p> <p>4 = Chinese</p>