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MEDICARE HEALTH OUTCOMES SURVEY

2006-2008

Cohort 9 Analytic Public Use File
Data User's Guide

PREPARED BY HEALTH SERVICES ADVISORY GROUP

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Preface

The Centers for Medicare & Medicaid Services (CMS) is committed to monitoring the quality of care provided by Medicare Advantage Organizations (MAOs). The Medicare Health Outcomes Survey (HOS) is the first patient reported health outcomes measure for the Medicare population in managed care settings. The HOS design is based on a randomly selected sample of individuals from each participating MAO, and measures physical and mental health over a two-year period.

This *2006-2008 Cohort 9 Analytic Public Use File (PUF) Data User's Guide* is designed to assist individuals with the use of the *2006-2008 Cohort 9 Analytic* public use data file. The Data User's Guide includes a general overview of the survey background, methodology, and instrument as well as a detailed listing of the fields included in the 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 questions and data interpretation. A full description of the HOS program can be found at www.hosonline.org.

Program Background

This section provides a general description of the HOS background and methodology, including the sampling methodology, survey administration, and survey instrument. In addition, information is provided about case mix adjustment, additional survey questions, and field changes. For a more detailed discussion of these items, please refer to the HEDIS 2006 and the HEDIS 2008, Volume 6, Specifications for the Medicare Health Outcomes Survey Manuals.^{1, 2}

INTRODUCTION TO THE MEDICARE HEALTH OUTCOMES SURVEY

CMS and NCQA Collaboration

The first Medicare managed care outcomes measure in the Healthcare Effectiveness Data and Information Set (HEDIS[®])³ was launched in 1998 by CMS in collaboration with the National Committee for Quality Assurance (NCQA). The measure includes the most recent advances in summarizing physical and mental health outcomes results and risk adjustment techniques.

HEDIS Measures

An “outcomes” measure was developed with the desire to capture performance across multiple aspects of care, in addition to the traditional “process” measures that assess interventions such as mammograms for older women and retinal eye exams for people with diabetes. Evidence existed in the scientific literature that tied measured processes or interventions to favorable patient outcomes.

Development of the HOS Instrument

CMS, NCQA, Health Assessment Lab (HAL), and performance measurement experts developed a measure that would assess the physical functioning and mental well being of Medicare beneficiaries over time. Additional items were included in the HOS instrument to allow for case mix adjustment, which is essential for meaningful and valid plan-to-plan comparisons of health outcomes. In 2003, Healthy Days Measures questions were added from the Centers for Disease Control and Prevention’s (CDC) Behavioral Risk Factor Surveillance System (BRFSS), and questions were added that comprise the NCQA HEDIS measure for *Management of Urinary Incontinence in Older Adults*. In 2005, questions were included that comprise the NCQA HEDIS measure for *Physical Activity in Older Adults*.

¹ National Committee for Quality Assurance. *HEDIS[®] 2006, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2006.

² National Committee for Quality Assurance. *HEDIS[®] 2008, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2008.

³ HEDIS[®] is a registered trademark of the National Committee for Quality Assurance.

Medicare Health Outcomes Survey 2.0

In the spring of 2006, CMS implemented the Medicare HOS 2.0 for MAOs. The HOS 2.0 evaluates physical and mental health status using the Veterans RAND 12-Item Health Survey (VR-12).⁴ The revised HOS instrument contains questions to gather information for case-mix and risk adjustment, and additional health assessment questions. The primary change in the HOS 2.0 from the original HOS measure reduced the physical and mental health outcome items from 36 items to 12 items. Other changes included a reduction in redundant or less useful health assessment items, the addition of HEDIS measures for *Osteoporosis Testing in Older Women* and *Fall Risk Management*, and the addition of height and weight questions for calculating body mass index (BMI). Use of the HOS 2.0 instrument reduces beneficiary burden while maintaining comparability of HOS results over time. The Medicare HOS 2.0 may be downloaded from the Survey Instrument section of the HOS website (www.hosonline.org).

Partners and Technical Advisors

CMS currently contracts with NCQA and the Health Services Advisory Group (HSAG) to implement and operationalize all aspects of the HOS measure.

Statutory Authority

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 component of their performance assessment program. CMS incorporates new survey components in HOS, as appropriate, in order to provide outcome measures that Quality Improvement Organizations (QIOs) and MAOs can utilize in quality improvement initiatives.

2006-2008 Medicare Advantage Organization Participation

All Medicare Advantage Organizations and continuing cost contracts that held §1876 risk and cost contracts with Medicare contracts in effect on or before January 1, 2005, and all Social HMOs (SHMOs) regardless of contract effective date, were required by CMS to administer the HOS *Cohort 9 Baseline* survey in 2006. Furthermore, all MAOs that administered the HOS *Cohort 9 Baseline* survey in 2006 were required to administer the HOS *Cohort 9 Follow Up* survey in 2008.

⁴ Iqbal SU, Rogers W, Selim A, Qian S, Lee A, Ren XS, Rothendler J, Miller D, Kazis L. The Veterans RAND 12 Item Health Survey (VR-12): What it is and How it is used. Accessed December 21, 2009 at www.chqoer.research.va.gov/docs/VR12.pdf.

SAMPLING METHODOLOGY

The *2006 Cohort 9 Baseline* and the *2008 Cohort 9 Follow Up* samples are described below.

2006 Cohort 9 Baseline Sampling

For the *2006 Cohort 9 Baseline* sample, CMS identified beneficiaries who were eligible for sampling.

- For MAOs with Medicare populations of more than 1,000 members, a simple random sample of 1,000 members was selected for the baseline survey.
- In MAOs with 3,000 or more members, members who responded to the previous year's survey were excluded from the random sample of 1,000 for the current year.
- For MAOs with populations of 1,000 members or less, all eligible members were included in the sample.
- Members were defined as eligible if they had been continuously enrolled for at least six months in the same MAO and did not have End Stage Renal Disease (ESRD).

2008 Cohort 9 Follow Up Sampling

For the *2008 Cohort 9 Follow Up* sample, CMS identified beneficiaries from the *2006 Cohort 9 Baseline* sample who were eligible for remeasurement.

- Members were eligible for remeasurement if they had sufficient data to derive physical health or mental health summary scores at baseline.
- Beneficiaries were excluded from follow up if they disenrolled from their MAO or were deceased subsequent to the baseline survey. Although deceased beneficiaries were excluded from the follow up sample, CMS includes deceased baseline respondents when calculating the HOS performance measurement results.

The *Cohort 9 Baseline* and *Cohort 9 Follow Up* survey samples were comprised of beneficiaries who completed the HOS in English, Spanish, or Chinese language versions of the survey. Additional information about the *Cohort 9* sampling and survey administration can be found in the HEDIS 2006 and 2008 Volume 6 manuals.

SURVEY ADMINISTRATION

- MAOs contracted with an NCQA-Certified survey vendor to administer the survey following the protocol specified in the HEDIS 2006 and the HEDIS 2008, Volume 6, Specifications for the Medicare Health Outcomes Survey Manuals (www.ncqa.org). The manuals describe the methods for mail, telephone, and mixed methods of data collection.
- The mail component of the survey used a standardized questionnaire, survey letters, and prenotification and reminder/thank you postcards.
- Survey vendors attempted telephone follow up (with at least six attempts) in those instances when beneficiaries failed to respond after the second mail survey.
- Survey vendors also performed telephone follow up for members who returned an incomplete mail survey in order to obtain missing responses. Survey vendors used a standardized version of a Computer Assisted Telephone Interviewing (CATI) script to collect telephone interview data for the survey. A Spanish version of the CATI was available for the 2008 follow up survey. Survey vendors perform preliminary data cleaning, and follow up with survey respondents, as necessary.

For a more detailed discussion on data sampling, collection and submission, please refer to the HEDIS 2006 and the HEDIS 2008 Volume 6 manuals.

SURVEY INSTRUMENT

In 2006, CMS implemented the Medicare HOS 2.0, which was administered for both the *2006 Cohort 9 Baseline* and *2008 Cohort 9 Follow Up* survey administrations. The HOS 2.0 incorporated the Veterans RAND 12-Item Health Survey (VR-12).

Veterans RAND 12-Item Health Survey (VR-12)

Physical and mental health status among living beneficiaries in the *2006 Cohort 9 Baseline* and *2008 Cohort 9 Follow Up* HOS were measured with the VR-12 health survey, included in the HOS 2.0. The VR-12 was developed from the Veterans RAND 36-Item Health Survey (VR-36; formerly called the Veterans SF-36),⁴ which was adapted from the RAND 36-Item Health Survey (RAND 36) at the RAND Corporation and the Medical Outcomes Study. The VR-12 includes items from the VR-36 that form the PCS and MCS scores. Use of the HOS 2.0 instrument reduces respondent burden while maintaining comparability of HOS results over time. The VR-12 has been administered in national Veterans Administration (VA) surveys since 1997. Since 2002, the VA has administered the VR-12 to over 400,000 patients annually as part of its quality management program.⁵

⁵ Spiro A, Rogers WH, Qian S, Kazis L. Imputing physical and mental summary scores (PCS and MCS) for the Veterans SF-12 Health Survey in the context of missing data. Technical Report prepared by: The Health Outcomes Technologies Program, Health Services Department, Boston University School of Public Health, Boston, MA and The Institute for Health Outcomes and Policy, Center for Health Quality, Outcomes and Economic Research, Veterans Affairs Medical Center, Bedford, MA. Accessed December 21, 2009 at www.hosonline.org/surveys/hos/hospublications.aspx.

The VR-12 consists of selected items from each of the eight concepts of health in the earlier 36-item surveys. The VR-12 has undergone extensive testing and shown to be reliable and valid in ambulatory care patient populations.⁵ The taxonomy underlying the construction of the VR-12 scales and summary measures is comprised of a total of 14 items, eight scales that aggregate one or two items each, and the PCS and MCS scores. The VR-12 explains 90% of the reliable variance of the VR-36.⁵ PCS and MCS scores are standardized to the U.S. population and are 1990 norm-based so that scores have a direct interpretation in relation to the distribution of scores in the U.S. population with a mean of 50, and a standard deviation of 10. The PCS and MCS scores were calculated using the Modified Regression Estimate (MRE). The MRE is a general method for obtaining scale scores in the context of missing data. Depending on the pattern of missing item responses, a different set of regression weights is required.⁵

The VR-12 items are a sampling of items from each of the eight domains of health from the VR-36. A higher PCS or MCS score reflects better health status. Concepts included in the measure are:

- Physical Functioning
- Role-Physical
- Role-Emotional
- Bodily Pain
- Social Functioning
- Mental Health
- Vitality
- General Health

The VR-12 and the 36-item health surveys measure the same health domains. Conversion formulas have been developed and validated for comparison of the VR-12 with the earlier 36-item survey that allow reliable comparisons of HOS 1.0 and HOS 2.0 results.^{2, 4, 6, 7, 8, 9, 10, 11}

⁶ Kazis LE, Miller DR, Skinner KM, Lee A, Ren XS, Clark JA, Rogers WH, Spiro III A, Selim A, Linzer M, Payne SM, Mansell D, Fincke BG. Applications of methodologies of the Veterans Health Study in the VA health care system: conclusions and summary. *Journal of Ambulatory Care Management*. 2006; 29(2): 182-188.

⁷ Kazis LE, Lee A, Spiro III A, Rogers W, Ren XS, Miller DR, Selim A, Hamed A, Haffer SC. Measurement comparisons of the Medical Outcomes Study and the Veterans SF-36 Health Survey. *Health Care Financing Review*. 2004; 25(4): 43-58.

⁸ Kazis LE, Miller DR, Clark JA, Skinner KM, Lee A, Ren XS, Spiro III A, Rogers WH, Ware Jr JE. Improving the response choices on the Veterans SF-36 Health Survey role functioning scales: results from the Veterans Health Study. *Journal of Ambulatory Care Management*. 2004; 27(3): 263-280.

⁹ Jones D, Kazis L, Lee A, Rogers W, Skinner K, Cassar L, Wilson N, Hendricks A. Health status assessments using the Veterans SF-36 and SF-12. Methods for evaluating outcomes in the Veterans Health Administration. *Journal of Ambulatory Care Management*. 2001; 24(3): 1-19.

¹⁰ Spiro A, Lee AF, Kazis LE, Miller DR, Ren XS, Zhang M. Final Report, HOS/VA Comparison Project, Part 1: Measurement Equivalence of Medicare HOS SF-36 & VA Veterans SF-36. Accessed December 21, 2009 at www.hosonline.org/surveys/hos/hospublications.aspx.

¹¹ Kazis LE, Lee, AF, Spiro A, Miller DR, Rogers W, Ren XS, Zhang M. Final Report, HOS/VA Comparison Project, Part 2: Tests of Reliability and Validity at the Scale Level for the Medicare HOS SF-36 and the VA Veterans SF-36. Accessed December 21, 2009 at www.hosonline.org/surveys/hos/hospublications.aspx.

Case Mix Adjustment

Case mix adjustment may be used by researchers in order to adjust the survey response data for beneficiary characteristics that are known to be related to systematic biases in the way people respond to survey questions. The HOS instrument includes several items that may be used for case mix adjustment purposes. These items include, but are not limited to the following: demographic and socioeconomic characteristics (e.g., age, gender, race, education and marital status); chronic medical conditions; and, HOS study design variables (e.g., who completed the survey, the mode of survey administration and the CMS region).

Note that the *2006-2008 Cohort 9 Analytic Public Use File* does not contain any case mix adjusted scores. However, examples of the use of case mix adjustments with VR-12 scores from the HOS data may be found in the *Sample Baseline* and the *Sample Performance Measurement Reports*, which are available from the HOS Publications section of the Medicare HOS website (www.hosonline.org).

Additional Questions

The HOS instrument also included questions on demographics, chronic medical conditions, Activities of Daily Living (ADLs), depression, smoking, physical health symptoms, weight and height as well as other questions. A more detailed review of these questions follows.

Demographics

Demographics included questions on beneficiary age, gender, race, education, marital status, and annual household income.

Chronic Medical Conditions

Fourteen chronic medical conditions were 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; osteoporosis; sciatica; diabetes, hyperglycemia, or glycosuria; and any cancer (other than skin cancer).

Activities of Daily Living (ADLs)

Six ADLs were included in the HOS survey 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.

Depression Screen

A respondent is considered to have a positive depression screen when he or she answers "yes" to *any* of the three questions that comprise a depression screen. These questions describe levels of depression that encompass feeling sad/blue for two weeks in the past year, depressed for much of the past year, or depressed for two years or more in life. In

2008, a new question was added to assess depressive feelings during the past week; however, the question was not available in the 2006 survey.

Healthy Days Measures

In 2003, three Healthy Days questions from the Centers for Disease Control and Prevention's (CDC's) Behavioral Risk Factor Surveillance System (BRFSS) were added to the HOS. The questions encompass the number of days in the past thirty days that physical health is not good, mental health is not good, and activities were limited due to poor physical or mental health.

NCQA HEDIS[®] Measures

The following four measures are a part of the Effectiveness of Care domain of HEDIS and were included in the HOS 2.0 instrument:

- In 2003, four questions were added to support the *Management of Urinary Incontinence in Older Adults (MUI)* measure.
- In 2005, two questions were added to support the *Physical Activity in Older Adults (PAO)* measure.
- In 2006, four questions were added to support the *Fall Risk Management (FRM)* measure and one question was added to support the *Osteoporosis Testing in Older Women (OTO)* measure.

New and Revised Fields

The following survey fields are **new or revised** in the *2006 Cohort 9 Baseline* survey and are also included in the *2008 Cohort 9 Follow Up* survey. Some of these survey fields are not included in the PUF due to confidentiality issues (refer to the *Limitations of the Data* section).

- New measures for BMI (Field not included) and BMI categories (Field #7) were added in 2006. Information was collected on category of weight (Field not included) and category of height (Field not included) from each respondent. The midpoints of the weight and height categories were used for the calculation of BMI.¹² The exceptions were the lowest and highest categories for which the listed value was used (i.e. for the category 90 lbs or less the value of 90 was used for weight in the calculation, and for the category six feet three inches or more the value of 75 inches was used for height in the calculation). BMI was calculated as: $BMI = [\text{weight in pounds}/(\text{height in inches})^2] \times 703$. BMI was then used to calculate the BMI categories. See the *Limitations of the Data* section for the field description.
- One question was added about osteoporosis.

¹²Centers for Disease Control. BMI - Body Mass Index: About BMI for Adults. Accessed December 21, 2009 at http://www.cdc.gov/healthyweight/assessing/bmi/adult_bmi/

- *Has a doctor ever told you that you had osteoporosis, sometimes called thin or brittle bones?* (Fields #54 and #130)
- The survey race question was changed to allow one or more response choices from the following categories: American Indian or Alaskan Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, White, Another Race. These fields were not included in the PUF; however, they were categorized as described in the *Limitations of the Data* section.
- Four questions were added to the HOS instrument to support the HEDIS *Fall Risk Management* measure.
 - *A fall is when your body goes to the ground without being pushed. In the **past 12 months**, did you talk with your doctor or other health provider about falling or problems with balance or walking?* (Fields #74 and #151)
 - *Did you fall in the **past 12 months**?* (Fields #75 and #152)
 - *In the **past 12 months**, have you had a problem with balance or walking?* (Fields #76 and #153)
 - *Has your doctor or other health provider done anything to help prevent falls or treat problems with balance or walking? Some things they might do include:* (Fields #77 and #154)
 - *Suggest that you use a cane or walker.*
 - *Check your blood pressure lying or standing.*
 - *Suggest that you do an exercise or physical therapy program.*
 - *Suggest a vision or hearing testing.*
- One question was added to support the HEDIS Osteoporosis Testing measure.
 - *Have you **ever** had a **bone density** test to check for **osteoporosis**, sometimes thought of as “brittle bones”? This test may have been done to your back, hip, wrist, heel or finger.* (Fields #78 and #155)
- The response items for the six activities of daily living questions were reversed in the HOS 2.0 represented in this data file, compared to the earlier HOS 1.0 version of the survey.
 - *Because of a health or physical health problem, do you have any difficulty doing the following activities without special equipment or help from another person?*
1 = No, I do not have difficulty
2 = Yes, I have difficulty
3 = I am unable to do this activity

The six ADL questions include the following fields:
Bathing (Fields #22 and #98); *Dressing* (Fields #23 and #99)
Eating (Fields #24 and #100); *Getting in or out of chairs* (Fields #25 and #101)
Walking (Fields #26 and #102); *Using the Toilet* (Fields #27 and #103)

The following survey field is **new** in the *2008 Cohort 9 Follow Up* survey and is not available in the *2006 Cohort 9 Baseline* survey.

- One question was added to the follow up survey regarding depressive feelings during the past week.
 - *How much of the time in the past week did you feel depressed?* (Field #142)

Excluded Fields

The following baseline survey fields have been **excluded** in the *2006 Cohort 9 Baseline* survey.

- Three questions were seen as redundant or less useful and were removed. One question was related to urinary incontinence and two questions were related to stroke complications.
 - *Have you ever had paralysis or weakness on one side of the body?*
 - *Have you ever lost the ability to talk?*
 - *Do you have difficulty controlling urination?*

No other survey fields were **excluded** in the *2006-2008 Cohort 9 Performance Measurement* data file compared with the *2005-2007 Cohort 8* file.

Additional Information

For further information about these items and additional items on the Medicare HOS instrument, please refer to the HEDIS 2006 and HEDIS 2008, Volume 6, Specifications for the Medicare Health Outcomes Survey Manuals, which may be purchased by calling the NCQA Customer Support Telephone Line at 1-888-272-7585 or via NCQA's Secure Online Order Center (www.ncqa.org).² The 2006 and 2008 Medicare HOS 2.0 questionnaires may be obtained from the Survey Instrument section of the HOS website (www.hosonline.org). Additionally, a glossary of terms related to the survey may be accessed from the HOS website.

FIELD UTILIZATION NOTES

- The HOS questionnaire contains multiple skip patterns. Caution should be exercised when examining questions that involve skip pattern responses. Please refer to the *Field Index with Field Descriptions* section 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.
- For the *Cohort 9 Analytic* Public Use File, beneficiaries were considered dead if they died within two years of completing the baseline survey and did not complete a follow up survey. The analytic sample distribution indicator (Field #164) can be used to identify the status of each beneficiary in this file.
- Some question numbers from the follow up survey differ from the baseline survey, as well as from previous analytic data files. Caution should be exercised when examining the data across multiple cohorts.
- The following question is available from the *2008 Cohort 9 Follow Up* survey but is not available from the *2006 Cohort 9 Baseline* survey: depression question (Field #142).

Characteristics of the Public Use File

This section provides an overview of the Medicare Health Outcomes Survey (HOS) *2006-2008 Cohort 9 Analytic Public Use File (C9A_PUF.TXT)*, including the general characteristics of the data and a description of the fields contained within it. This file contains merged *2006 Cohort 9 Baseline* and *2008 Cohort 9 Follow Up* data. For a more detailed discussion of these items, please refer to the HEDIS 2006 and HEDIS 2008, Volume 6 manuals.^{1,2}

FIELD OVERVIEW

The *2006 Cohort 9 Baseline* Medicare HOS included a random sample of 188,515 beneficiaries, including both the aged and disabled, from 203 MAOs. Of the 188,515 individuals sampled, 65.3% (123,053) completed the baseline survey. For purposes of this data file, a completed survey at baseline 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 (please refer to Field #80 for a description of the baseline codes). During the two years between the *2006 Cohort 9 Baseline* survey and the *2008 Cohort 9 Follow Up* survey, a number of MAOs discontinued offering managed care to Medicare beneficiaries, or consolidated with other health plans. As a result of these changes, 187 reporting units (MAOs) and 114,848 respondents remained in the HOS at the time of follow up, and this group comprises the *2006-2008 Cohort 9 Analytic PUF* sample.¹³

Of the 114,848 beneficiaries in the *2006-2008 Cohort 9 Analytic PUF* sample, 9,072 died between baseline and the end of the two-year follow up survey administration (6,026 died after baseline and prior to the two-year follow up survey administration and 3,046 died after the follow up sampling). Additionally, another 22,153 beneficiaries voluntarily disenrolled from their MAOs between baseline and prior to the two year follow up survey administration. Of the total *2006-2008 Cohort 9 Analytic PUF* sample, 86,669 remained eligible at the time of follow up.¹⁴ Beneficiaries were eligible for follow up if they were (1) still alive, (2) enrolled in their original MAOs, and (3) had either a calculable PCS or MCS score at baseline or a baseline survey disposition code equal to M10, M11, M31, T10, T11 or T31.

Of the 86,669 individuals sampled at the time of follow up, 79.2% (68,667) completed the follow up survey. For the purposes of this data file, a completed survey at follow up 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 (see Field #157 for a description of the follow up codes). Of the 18,002 beneficiaries who did not complete a follow up survey, 3,046 were determined to have died after the follow up sample was selected but prior to completing the survey. Additionally, 751 beneficiaries were determined to be ineligible members of the follow up survey sample.¹⁵

¹³ The *2006-2008 Cohort 9 Public Use File Analytic* sample differs from the *2006-2008 Cohort 9 Performance Measurement Analytic* sample, which is used to derive plan-level Performance Measurement results.

¹⁴ The *2006-2008 Cohort 9 Public Use File Analytic* sample includes beneficiaries who completed the HOS in English, Spanish, or Chinese language versions of the survey.

¹⁵ Ineligible members at follow up met one of the following criteria: not enrolled in the MAO; had an incorrect address and phone number; or had a language barrier.

The remaining 14,205 beneficiaries who did not complete the follow up survey were classified as non-respondents.

The C9A_PUF.TXT data file is a fixed-width ASCII text file (22.0 megabytes in size). There are a total of 164 fields and 114,848 beneficiary records in the C9A_PUF.TXT data file. Each row in the C9A_PUF.TXT data file represents an individual's HOS survey responses, also referred to as a beneficiary record.

This public use file has been modified from the original merged *2006 Cohort 9 Baseline* and *2008 Cohort 9 Follow Up* data file in order to preserve 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). Health insurance claim (HIC) number, which is a sensitive beneficiary identifying field, has been replaced with a unique nine digit randomly assigned identifier, Field #1 in the *Field Index with Field Descriptions* section. Other identifiable fields, such as Social Security number, beneficiary's name, etc., have been removed.

The 164 fields in the C9A_PUF.TXT data file are organized into five different groups:

- Identification and baseline demographics
- Baseline survey questions
- Baseline survey administration
- Follow-up survey questions
- Follow-up survey administration

FIELD DESCRIPTION

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

Identification and Baseline Demographics

- Unique Identifier, Field: 1
This is a unique nine digit alphanumeric identifier that is randomly assigned for each beneficiary record. Positions 1 through 3 identify the analytic cohort of the public use file. Positions 4 through 9 contain a random number. For the baseline PUFs, beneficiaries who were measured in multiple baseline cohorts retained the initially assigned blinded identifier in all subsequent surveys. However, due to confidentiality issues, the identifier assigned to a beneficiary in an analytic public use file does **not** correspond to any identifiers that may be assigned to the same beneficiary in either a baseline PUF or other analytic PUF. The data file is sorted by the unique identifier.
Example: A09000021
Source: Field created during production of the C9A_PUF.TXT data file
- Age Group, Field: 2
Age group of the beneficiary at the time of the baseline survey
Source: Centers for Medicare & Medicaid Services (CMS) databases

- Race, Field: 3
Self-reported race of the beneficiary
Source: Q57 from the baseline survey
- Gender, Field: 4
Self-reported gender of the beneficiary
Source: Q55 from the baseline survey
- Marital Status, Field: 5
Self-reported marital status of the beneficiary
Source: Q58 from the baseline survey
- Education Level, Field: 6
Self-reported educational attainment of the beneficiary
Source: Q59 from the baseline survey
- Body Mass Index Category, Field 7
Calculated from self-reported weight and height of the beneficiary
Source: Q53 and Q54 from the follow up survey

Baseline Survey Questions

- 12-Item Health Survey Questions, Fields: 8 through 19
These fields represent the 12-item health survey questions, which can be found on pages 1-5 through 1-6 of the HEDIS 2006, Volume 6 manual. The 12-item health survey questions include Q1 through Q7 in the HOS questionnaire. Please refer to the *Program Background* section in this Data User's Guide for a more detailed description of the 12-item health survey.
- Additional Questions, Fields: 20 through 79
These fields comprise the balance of the survey questions found on pages 1-6 through 1-15 of the HEDIS 2006, Volume 6 manual. These fields include most of the remaining questions Q8 through Q61 in the HOS questionnaire. Please refer to the *Program Background* section in this Data User's Guide 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. Please refer to the *Limitations of the Data* section for more details.

Baseline Survey Administration

- Baseline Survey Disposition, Field: 80
Identifies completion status and mode by which the survey was completed
Source: NCQA-Certified HOS Vendor
- Baseline Survey Round, Field: 81

Mail or telephone stage in which the survey was completed or when survey completion was last attempted by the vendor

Source: NCQA-Certified HOS Vendor

- Percent of Baseline Survey Completed, Field: 82
Percentage of the baseline survey completed by the respondent
Source: Field created during the processing of the *Cohort 9 Baseline* data file
- Baseline Survey Language, Field: 83
Language in which the baseline survey was completed
Source: NCQA-Certified HOS Vendor

Follow Up Survey Questions

- 12-Item Health Survey Questions, Fields: 84 through 95
These fields represent the 12-item health survey questions, which can be found in Appendix 1 on pages 1-5 through 1-6 of the HEDIS 2008, Volume 6 manual. The 12-item health survey questions include Q1 through Q7 in the HOS questionnaire. Please refer to the *Program Background* section in this Data User's Guide for a more detailed description of the 12-item health survey.
- Additional Questions, Fields: 96 through 156
These fields comprise the balance of the survey questions found on pages 1-6 through 1-15 of the HEDIS 2006, Volume 6 manual. These fields include most of the remaining questions Q8 through Q62 in the HOS questionnaire. Please refer to the *Program Background* section in this Data User's Guide 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. Please refer to the *Limitations of the Data* section for more details.

Follow Up Survey Administration

- Follow Up Survey Disposition, Field: 157
Identifies completion status and mode by which the survey was completed
Source: NCQA-Certified HOS Vendor
- Follow Up Survey Round, Field: 158
Mail or telephone stage in which the survey was completed or when survey completion was last attempted by the vendor
Source: NCQA-Certified HOS Vendor
- Percent of Follow Up Survey Completed, Field: 159
Percentage of the follow up survey completed by the respondent
Source: Field created during the data cleaning and processing of the *Cohort 9 Follow Up* data file
- Follow Up Survey Language, Field: 160

Language in which the follow up survey was completed

Source: NCQA-Certified HOS Vendor

- Cohort Identifier, Field: 161
Cohort in which the HOS surveys contained in this data file were submitted
SPECIAL NOTE: Value for each record is “A09”.
Source: Field created during production of the C9A_PUF.TXT data file
- CMS Region, Field: 162
CMS Regional Office to which the plan belongs
Source: August 2008 NCQA Plan Contract List
- Follow Up Sample Indicator, Field: 163
This field indicates if the beneficiary was included in the follow up sample.
Source: Field created during the production of the C9A_PUF.TXT data file
- Analytic Sample Indicator, Field: 164
This field indicates the status of the beneficiary in the analytic file. Categories include the following: dead, disenrolled, ineligible as determined at the time of follow up, respondent to the follow up survey, and non-respondent to the follow up survey.
Source: Field created during the production of the C9A_PUF.TXT data file

Further details of the contents of the data file are available in the *Field Index with Field Descriptions* section 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 2006 and 2008 *Health Outcomes Survey Questionnaires*^{1,2} are not available in the C9A_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.

CATEGORIZATION OF SELECTED FIELDS

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

Field	Scale in C9A_PUF.TXT	Scale in HOS Questionnaire ¹⁶
Race of Beneficiary	1 = White 2 = Black or African American 3 = Other	The survey race question allowed one or more response choices from the following categories: a = American Indian or Alaskan Native b = Asian c = Black or African American d = Native Hawaiian or Other Pacific Islander e = White f = Another race
Marital Status of Beneficiary	1 = Married 2 = Non-Married	1 = Married 2 = Divorced 3 = Separated 4 = Widowed 5 = Never married
Education Level of Beneficiary	1 = Less than a high school education or GED 2 = High school education or GED 3 = Greater than a high school education or GED	1 = 8 th grade or less 2 = Some high school, but did not graduate 3 = High school graduate or GED 4 = Some college or 2 year degree 5 = 4 year college graduate 6 = More than a 4 year college degree
Body Mass Index (BMI) Category	1 = Not obese (BMI < 30) 2 = Obese (BMI ≥ 30)	Beneficiary's body mass index category ¹⁷ 1 = BMI < 20 (Underweight) 2 = BMI 20 – < 25 (Normal) 3 = BMI 25 – < 30 (Overweight) 4 = BMI 30 – < 35 (Obese) 5 = BMI ≥ 35 (Morbid Obesity)

¹⁶ Scale as it is represented in the 2006 *HOS Questionnaire* for beneficiary's race, marital status, and education level at baseline.

¹⁷ BMI category is calculated from the beneficiary's self-reported weight (Q53) and height (Q54) categories obtained from the 2008 *HOS Questionnaire* at follow up.

Field Index with Field Descriptions

This section provides detailed information regarding the structure and fields of the C9A_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 file.

The C9A_PUF.TXT data file:

- Is a fixed-width ASCII text file of 22.0 megabytes
- Consists of merged *Cohort 9 Baseline* HOS surveys completed in 2006 and *Cohort 9 Follow Up* HOS surveys completed in 2008
- Contains a total of 164 fields and 114,848 beneficiary records
- Has a record length of 195 columns
- Contains a blank space for all missing values
- Contains numeric values with the exception of field numbers 1, 80, 81, 157, 158, and 161
- Is sorted by the unique identifier (Field #1)

IDENTIFICATION AND BASELINE DEMOGRAPHICS

Field #	Field Description	Field Position	Additional Information and Valid Values
1	Unique Identifier	1-9	A unique nine digit randomly assigned number for each beneficiary SPECIAL NOTE: This field contains a character string. Example: A09000021
2	<i>Cohort 9 Baseline:</i> Age Group of Beneficiary	10	Beneficiary's age group obtained from the CMS Medicare Enrollment Database 1 = Less than 65 2 = 65 to 74 3 = 75 and older
3	<i>Cohort 9 Baseline Survey:</i> Race of Beneficiary	11	Beneficiary's response to Q57 from the <i>Cohort 9 Baseline</i> survey <i>How would you describe your race?</i> 1 = White 2 = Black or African American 3 = Other
4	<i>Cohort 9 Baseline Survey:</i> Gender of Beneficiary	12	Beneficiary's response to Q55 from the <i>Cohort 9 Baseline</i> survey: <i>Are you male or female?</i> 1 = Male 2 = Female
5	<i>Cohort 9 Baseline Survey:</i> Marital Status of Beneficiary	13	Beneficiary's response to Q58 from the <i>Cohort 9 Baseline</i> survey <i>What is your current marital status?</i> 1 = Married 2 = Non-Married
6	<i>Cohort 9 Baseline Survey:</i> Education Level of Beneficiary	14	Beneficiary's response to Q59 from the <i>Cohort 9 Baseline</i> survey 1 = Less than a high school education or GED 2 = High school education or GED 3 = Greater than a high school education or GED
7	<i>Cohort 9 Follow Up Survey:</i> Body Mass Index (BMI) Category	15	Beneficiary's Body Mass Index Category, calculated from beneficiary's self-reported weight and height categories from the <i>Cohort 9 Follow Up</i> survey. 1 = Not obese (BMI < 30) 2 = Obese (BMI ≥ 30) BMI was calculated as: BMI = [weight in pounds/(height in inches) ²] x 703. BMI was then used to calculate the BMI categories.

BASELINE SURVEY QUESTIONS

Field #	Field Description	Field Position	Additional Information and Valid Values
8	<i>Cohort 9 Baseline Survey:</i> General Health Question (Q1)	16	Beneficiary's response to Q1 from the <i>Cohort 9 Baseline</i> survey: <i>In general, would you say your health is:</i> 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor
9	<i>Cohort 9 Baseline Survey:</i> Moderate Activities Question (Q2a)	17	Beneficiary's response to Q2a from the <i>Cohort 9 Baseline</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? If so, how much?</i> <u>Moderate activities</u> , such as moving a table, pushing a vacuum cleaner, bowling, or playing golf 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
10	<i>Cohort 9 Baseline Survey:</i> Climbing Several Flights of Stairs Question (Q2b)	18	Beneficiary's response to Q2b from the <i>Cohort 9 Baseline</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? 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
11	<i>Cohort 9 Baseline Survey:</i> Physical Health Limiting Amount Accomplished Question (Q3a)	19	Beneficiary's response to Q3a from the <i>Cohort 9 Baseline</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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time

Field #	Field Description	Field Position	Additional Information and Valid Values
12	<i>Cohort 9 Baseline Survey:</i> Physical Health Limiting the Kind of Activities Question (Q3b)	20	Beneficiary's response to Q3b from the <i>Cohort 9 Baseline</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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time
13	<i>Cohort 9 Baseline Survey:</i> Emotional Problems Limiting Amount Accomplished Question (Q4a)	21	Beneficiary's response to Q4a from the <i>Cohort 9 Baseline</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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time
14	<i>Cohort 9 Baseline Survey:</i> Emotional Problems Limiting Carefulness Question (Q4b)	22	Beneficiary's response to Q4b from the <i>Cohort 9 Baseline</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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time
15	<i>Cohort 9 Baseline Survey:</i> Pain Interfering with Work Question (Q5)	23	Beneficiary's response to Q5 from the <i>Cohort 9 Baseline</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

Field #	Field Description	Field Position	Additional Information and Valid Values
16	<i>Cohort 9 Baseline Survey:</i> Calm and Peaceful Question (Q6a)	24	Beneficiary's response to Q6a from the <i>Cohort 9 Baseline</i> survey: <i>How much of the time during the past 4 weeks... Have you felt calm and peaceful?</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
17	<i>Cohort 9 Baseline Survey:</i> Lots of Energy Question (Q6b)	25	Beneficiary's response to Q6b from the <i>Cohort 9 Baseline</i> survey: <i>How much of the time during the past 4 weeks... Did you have a lot of energy?</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
18	<i>Cohort 9 Baseline Survey:</i> Downhearted and Blue Question (Q6c)	26	Beneficiary's response to Q6c from the <i>Cohort 9 Baseline</i> survey: <i>How much of the time during the past 4 weeks... Have you felt downhearted and blue?</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
19	<i>Cohort 9 Baseline Survey:</i> Amount of Time Health Interfering with Social Activities Question (Q7)	27	Beneficiary's response to Q7 from the <i>Cohort 9 Baseline</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
20	<i>Cohort 9 Baseline Survey:</i> Physical Health Compared to One Year Ago Question (Q8)	28	Beneficiary's response to Q8 from the <i>Cohort 9 Baseline</i> survey: <i>Compared to one year ago, how would you rate your physical health in general now?</i> 1 = Much better 2 = Slightly better 3 = About the same 4 = Slightly worse 5 = Much worse

Field #	Field Description	Field Position	Additional Information and Valid Values
21	<i>Cohort 9 Baseline Survey: Emotional Problems Compared to One Year Ago Question (Q9)</i>	29	Beneficiary's response to Q9 from the <i>Cohort 9 Baseline</i> survey: <i>Compared to one year ago, how would you rate your emotional problems (such as feeling anxious, depressed or irritable) in general now?</i> 1 = Much better 2 = Slightly better 3 = About the same 4 = Slightly worse 5 = Much worse
22	<i>Cohort 9 Baseline Survey: Bathing Question (Q10a)</i>	30	Beneficiary's response to Q10a from the <i>Cohort 9 Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Bathing</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
23	<i>Cohort 9 Baseline Survey: Dressing Question (Q10b)</i>	31	Beneficiary's response to Q10b from the <i>Cohort 9 Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Dressing</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
24	<i>Cohort 9 Baseline Survey: Eating Question (Q10c)</i>	32	Beneficiary's response to Q10c from the <i>Cohort 9 Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Eating</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
25	<i>Cohort 9 Baseline Survey: Getting In or Out of Chairs Question (Q10d)</i>	33	Beneficiary's response to Q10d from the <i>Cohort 9 Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Getting in or out of chairs</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity

Field #	Field Description	Field Position	Additional Information and Valid Values
26	Cohort 9 Baseline Survey: Walking Question (Q10e)	34	Beneficiary's response to Q10e from the <i>Cohort 9 Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Walking</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
27	Cohort 9 Baseline Survey: Using the Toilet Question (Q10f)	35	Beneficiary's response to Q10f from the <i>Cohort 9 Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Using the toilet</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
28	Cohort 9 Baseline Survey: Number of Days Physical Health Not Good Question (Q11)	36 – 37	Beneficiary's response to Q11 from the <i>Cohort 9 Baseline</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? (Please enter a number between "0" and "30" days. If no days, please enter "0" days.)</i> Note: A value of "88" indicates ≥ 100 days.
29	Cohort 9 Baseline Survey: Number of Days Mental Health Not Good Question (Q12)	38 – 39	Beneficiary's response to Q12 from the <i>Cohort 9 Baseline</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? (Please enter a number between "0" and "30" days. If no days, please enter "0" days.)</i> Note: A value of "88" indicates ≥ 100 days.
30	Cohort 9 Baseline Survey: Number of Days Health Interfered with Daily Activities Question (Q13)	40 – 41	Beneficiary's response to Q13 from the <i>Cohort 9 Baseline</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? (Please enter a number between "0" and "30" days. If no days, please enter "0" days.)</i> Note: A value of "88" indicates ≥ 100 days.

Field #	Field Description	Field Position	Additional Information and Valid Values
31	<i>Cohort 9 Baseline Survey: Chest Pain or Pressure During Exercise Question (Q14a)</i>	42	Beneficiary's response to Q14a from the <i>Cohort 9 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
32	<i>Cohort 9 Baseline Survey: Chest Pain or Pressure When Resting Question (Q14b)</i>	43	Beneficiary's response to Q14b from the <i>Cohort 9 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
33	<i>Cohort 9 Baseline Survey: Shortness of Breath When Lying Flat Question (Q15a)</i>	44	Beneficiary's response to Q15a from the <i>Cohort 9 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
34	<i>Cohort 9 Baseline Survey: Shortness of Breath When Sitting or Resting Question (Q15b)</i>	45	Beneficiary's response to Q15b from the <i>Cohort 9 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
35	<i>Cohort 9 Baseline Survey: Shortness of Breath When Walking Less than One Block Question (Q15c)</i>	46	Beneficiary's response to Q15c from the <i>Cohort 9 Baseline</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

Field #	Field Description	Field Position	Additional Information and Valid Values
36	Cohort 9 Baseline Survey: Shortness of Breath When Climbing One Flight of Stairs Question (Q15d)	47	Beneficiary's response to Q15d from the Cohort 9 Baseline 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
37	Cohort 9 Baseline Survey: Numbness in Feet Question (Q16a)	48	Beneficiary's response to Q16a from the Cohort 9 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>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
38	Cohort 9 Baseline Survey: Tingling or Burning Sensation in Feet Question (Q16b)	49	Beneficiary's response to Q16b from the Cohort 9 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 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
39	Cohort 9 Baseline Survey: Decreased Temperature Sensation in Feet Question (Q16c)	50	Beneficiary's response to Q16c from the Cohort 9 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

Field #	Field Description	Field Position	Additional Information and Valid Values
40	<i>Cohort 9 Baseline Survey:</i> Sores or Wounds on Feet Question (Q16d)	51	Beneficiary's response to Q16d from the <i>Cohort 9 Baseline</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
41	<i>Cohort 9 Baseline Survey:</i> Arthritis Pain Question (Q17)	52	Beneficiary's response to Q17 from the <i>Cohort 9 Baseline</i> survey: <i>During the past 4 weeks, how would you describe any arthritis pain you usually had?</i> 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe
42	<i>Cohort 9 Baseline Survey:</i> Vision Question (Q18)	53	Beneficiary's response to Q18 from the <i>Cohort 9 Baseline</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
43	<i>Cohort 9 Baseline Survey:</i> Hearing Question (Q19)	54	Beneficiary's response to Q19 from the <i>Cohort 9 Baseline</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
44	<i>Cohort 9 Baseline Survey:</i> Hypertension Question (Q20)	55	Beneficiary's response to Q20 from the <i>Cohort 9 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
45	<i>Cohort 9 Baseline Survey:</i> Angina or Coronary Artery Disease Question (Q21)	56	Beneficiary's response to Q21 from the <i>Cohort 9 Baseline</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
46	<i>Cohort 9 Baseline Survey:</i> Congestive Heart Failure Question (Q22)	57	Beneficiary's response to Q22 from the <i>Cohort 9 Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Congestive heart failure</u> 1 = Yes 2 = No

Field #	Field Description	Field Position	Additional Information and Valid Values
47	Cohort 9 Baseline Survey: Myocardial Infarction Question (Q23)	58	Beneficiary's response to Q23 from the <i>Cohort 9 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
48	Cohort 9 Baseline Survey: Other Heart Conditions Question (Q24)	59	Beneficiary's response to Q24 from the <i>Cohort 9 Baseline</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
49	Cohort 9 Baseline Survey: Stroke Question (Q25)	60	Beneficiary's response to Q25 from the <i>Cohort 9 Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>A stroke</u> 1 = Yes 2 = No
50	Cohort 9 Baseline Survey: COPD Question (Q26)	61	Beneficiary's response to Q26 from the <i>Cohort 9 Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Emphysema, or asthma, or COPD (chronic obstructive pulmonary disease)</u> 1 = Yes 2 = No
51	Cohort 9 Baseline Survey: Inflammatory Bowel Disease Question (Q27)	62	Beneficiary's response to Q27 from the <i>Cohort 9 Baseline</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
52	Cohort 9 Baseline Survey: Arthritis of Hip or Knee Question (Q28)	63	Beneficiary's response to Q28 from the <i>Cohort 9 Baseline</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
53	Cohort 9 Baseline Survey: Arthritis of Hand or Wrist Question (Q29)	64	Beneficiary's response to Q29 from the <i>Cohort 9 Baseline</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

Field #	Field Description	Field Position	Additional Information and Valid Values
54	<i>Cohort 9 Baseline Survey:</i> Osteoporosis Question (Q30)	65	Beneficiary's response to Q30 from the <i>Cohort 9 Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Osteoporosis, sometimes called thin or brittle bones</u> 1 = Yes 2 = No
55	<i>Cohort 9 Baseline Survey:</i> Sciatica Question (Q31)	66	Beneficiary's response to Q31 from the <i>Cohort 9 Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Sciatica (pain or numbness that travels down your leg to below your knee)</u> 1 = Yes 2 = No
56	<i>Cohort 9 Baseline Survey:</i> Diabetes Question (Q32)	67	Beneficiary's response to Q32 from the <i>Cohort 9 Baseline</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
57	<i>Cohort 9 Baseline Survey:</i> Any Cancer Question (Q33)	68	Beneficiary's response to Q33 from the <i>Cohort 9 Baseline</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
58	<i>Cohort 9 Baseline Survey:</i> Colorectal Cancer Treatment Question (Q34a)	69	Beneficiary's response to Q34a from the <i>Cohort 9 Baseline</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Colon or rectal cancer</u> 1 = Yes 2 = No
59	<i>Cohort 9 Baseline Survey:</i> Lung Cancer Treatment Question (Q34b)	70	Beneficiary's response to Q34b from the <i>Cohort 9 Baseline</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Lung cancer</u> 1 = Yes 2 = No
60	<i>Cohort 9 Baseline Survey:</i> Breast Cancer Treatment Question (Q34c)	71	Beneficiary's response to Q34c from the <i>Cohort 9 Baseline</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Breast cancer</u> 1 = Yes 2 = No

Field #	Field Description	Field Position	Additional Information and Valid Values
61	<i>Cohort 9 Baseline Survey: Prostate Cancer Treatment Question (Q34d)</i>	72	Beneficiary's response to Q34d from the <i>Cohort 9 Baseline</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Prostate cancer</u> 1 = Yes 2 = No
62	<i>Cohort 9 Baseline Survey: Low Back Pain Question (Q35)</i>	73	Beneficiary's response to Q35 from the <i>Cohort 9 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
63	<i>Cohort 9 Baseline Survey: Two Weeks of Depression Question (Q36)</i>	74	Beneficiary's response to Q36 from the <i>Cohort 9 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
64	<i>Cohort 9 Baseline Survey: Depression Much of the Time Question (Q37)</i>	75	Beneficiary's response to Q37 from the <i>Cohort 9 Baseline</i> survey: <i>In the past year, have you felt depressed or sad much of the time?</i> 1 = Yes 2 = No
65	<i>Cohort 9 Baseline Survey: Depression Most of the Time Question (Q38)</i>	76	Beneficiary's response to Q38 from the <i>Cohort 9 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
66	<i>Cohort 9 Baseline Survey: Comparative Health Question (Q39)</i>	77	Beneficiary's response to Q39 from the <i>Cohort 9 Baseline</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

Field #	Field Description	Field Position	Additional Information and Valid Values
67	<i>Cohort 9 Baseline Survey:</i> Current Smoker Question (Q40)	78	Beneficiary's response to Q40 from the <i>Cohort 9 Baseline</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
68	<i>Cohort 9 Baseline Survey:</i> Urine Leakage Question (Q41)	79	Beneficiary's response to Q41 from the <i>Cohort 9 Baseline</i> survey: <i>Many people experience problems with urinary incontinence, the leakage of urine. In the past six months, have you accidentally leaked urine?</i> 1 = Yes (Go to Q42) 2 = No (Go to Q45)
69	<i>Cohort 9 Baseline Survey:</i> Magnitude of Urine Leakage Problem Question (Q42)	80	Beneficiary's response to Q42 from the <i>Cohort 9 Baseline</i> survey: <i>How much of a problem, if any, was the urine leakage for you?</i> 1 = A big problem (Go to Q43) 2 = A small problem (Go to Q43) 3 = Not a problem (Go to Q45)
70	<i>Cohort 9 Baseline Survey</i> Talked with Doctor about Urine Leakage Question (Q43)	81	Beneficiary's response to Q43 from the <i>Cohort 9 Baseline</i> survey: <i>Have you talked with your current doctor or other health provider about your urine leakage problem?</i> 1 = Yes 2 = No
71	<i>Cohort 9 Baseline Survey:</i> Received Treatment for Urine Leakage Question (Q44)	82	Beneficiary's response to Q44 from the <i>Cohort 9 Baseline 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
72	<i>Cohort 9 Baseline Survey:</i> Talked with Doctor about Physical Activities Question (Q45)	83	Beneficiary's response to Q45 from the <i>Cohort 9 Baseline</i> survey: <i>In the past 12 months, did you talk with a doctor or other health provider about your level of exercise or physical activity? For example, a doctor or other health provider may ask if you exercise regularly or take part in physical exercise.</i> 1 = Yes (Go to Q46) 2 = No (Go to Q46) 3 = I had no visits in the last 12 months (Go to Q47)

Field #	Field Description	Field Position	Additional Information and Valid Values
73	<i>Cohort 9 Baseline Survey: Advised to Increase or Maintain Activities Question (Q46)</i>	84	Beneficiary's response to Q46 from the <i>Cohort 9 Baseline</i> survey: <i>In the past 12 months, did a doctor or other health provider advise you to start, increase or maintain your level of exercise or physical activity? For example, in order to improve your health, your doctor or other health provider may advise you to start taking the stairs, increase walking from 10 to 20 minutes every day or to maintain your current exercise program.</i> 1 = Yes 2 = No
74	<i>Cohort 9 Baseline Survey: Talked to Doctor about Falling or Balance Problem Question (Q47)</i>	85	Beneficiary's response to Q47 from the <i>Cohort 9 Baseline</i> survey: <i>A fall is when your body goes to the ground without being pushed. In the past 12 months, did you talk with your doctor or other health provider about falling or problems with balance or walking?</i> 1 = Yes 2 = No 3 = I had no visits in the past 12 months
75	<i>Cohort 9 Baseline Survey: Fell in Past 12 Months Question (Q48)</i>	86	Beneficiary's response to Q48 from the <i>Cohort 9 Baseline</i> survey: <i>Did you fall in the past 12 months?</i> 1 = Yes 2 = No
76	<i>Cohort 9 Baseline Survey: Problem with Walking or Balance in Past 12 Months Question (Q49)</i>	87	Beneficiary's response to Q49 from the <i>Cohort 9 Baseline</i> survey: <i>In the past 12 months, have you had a problem with balance or walking?</i> 1 = Yes 2 = No
77	<i>Cohort 9 Baseline Survey: Talked to Doctor about How to Prevent Falls Question (Q50)</i>	88	Beneficiary's response to Q50 from the <i>Cohort 9 Baseline</i> survey: <i>Has your doctor or other health provider done these or anything else to help prevent falls or treat problems with balance or walking? Some things they might do include:</i> <ul style="list-style-type: none"> • Suggest that you use a cane or walker • Check your blood pressure lying or standing • Suggest that you do an exercise or physical therapy program • Suggest a vision or hearing testing 1 = Yes 2 = No 3 = I had no visits in the past 12 months

Field #	Field Description	Field Position	Additional Information and Valid Values
78	Cohort 9 Baseline Survey: Osteoporosis Testing Question (Q51)	89	Beneficiary's response to Q51 from the <i>Cohort 9 Baseline</i> survey: <i>Have you ever had a bone density test to check for osteoporosis, sometimes thought of as "brittle bones"? This test may have been done to your back, hip, wrist, heel or finger.</i> 1 = Yes 2 = No
79	Cohort 9 Baseline Survey: Who Completed this Survey Form Question (Q61)	90	Beneficiary's response to Q61 from the <i>Cohort 9 Baseline</i> survey: <i>Who completed this survey form?</i> 1 = Person to whom survey was addressed (Go to Q63) 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

BASELINE SURVEY ADMINISTRATION

Field #	Field Description	Field Position	Additional Information and Valid Values
80	<i>Cohort 9 Baseline:</i> Baseline Survey Disposition	91 – 93	<i>Cohort 9 Baseline</i> survey disposition code: SPECIAL NOTE: This field contains a character string. M10/T10 = completed survey (≥ 80% complete) M11/T11 = non-response: partial complete (≥ 50% but < 80% complete) M31/T31 = non-response: break-off (< 50% complete) Note: For survey disposition codes, M=Mail and T=Telephone
81	<i>Cohort 9 Baseline:</i> Baseline Survey Round	94 – 95	<i>Cohort 9 Baseline</i> survey round code for completed, partially completed, and non-completed surveys by mail or telephone: SPECIAL NOTE: This field contains a character string. M1 = 1 st mailing M2 = 2 nd mailing T1 = 1 st telephone T2 = 2 nd telephone T3 = 3 rd telephone T4 = 4 th telephone T5 = 5 th telephone T6 = 6 th telephone T7 = 7 th telephone T8 = 8 th telephone T9 = 9 th telephone MM = Partially completed by mail and converted to complete by mail re-contact MT = Partially completed by mail and converted to complete by telephone NC = Not completed
82	<i>Cohort 9 Baseline:</i> Percent of Baseline Survey Completed	96 – 100	Percent of <i>Cohort 9 Baseline</i> Survey completed Range: 0 to 100% (value is rounded to the tenths decimal place)
83	<i>Cohort 9 Baseline:</i> Baseline Survey Language	101	<i>Cohort 9 Baseline</i> survey language: 1 = English 2 = Spanish 3 = Not Applicable 4 = Chinese

FOLLOW UP SURVEY QUESTIONS

Field #	Field Description	Field Position	Additional Information and Valid Values
84	<i>Cohort 9 Follow Up Survey:</i> General Health Question (Q1)	102	Beneficiary's response to Q1 from the <i>Cohort 9 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
85	<i>Cohort 9 Follow Up Survey:</i> Moderate Activities Question (Q2a)	103	Beneficiary's response to Q2a from the <i>Cohort 9 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? If so, how much?</i> <u>Moderate activities</u> , such as <u>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
86	<i>Cohort 9 Follow Up Survey:</i> Climbing Several Flights of Stairs Question (Q2b)	104	Beneficiary's response to Q2b from the <i>Cohort 9 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? 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
87	<i>Cohort 9 Follow Up Survey:</i> Physical Health Limiting Amount Accomplished Question (Q3a)	105	Beneficiary's response to Q3a from the <i>Cohort 9 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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time

Field #	Field Description	Field Position	Additional Information and Valid Values
88	<i>Cohort 9 Follow Up Survey: Physical Health Limiting the Kind of Activities Question (Q3b)</i>	106	Beneficiary's response to Q3b from the <i>Cohort 9 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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time
89	<i>Cohort 9 Follow Up Survey: Emotional Problems Limiting Amount Accomplished Question (Q4a)</i>	107	Beneficiary's response to Q4a from the <i>Cohort 9 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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time
90	<i>Cohort 9 Follow Up Survey: Emotional Problems Limiting Carefulness Question (Q4b)</i>	108	Beneficiary's response to Q4b from the <i>Cohort 9 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 = No, none of the time 2 = Yes, a little of the time 3 = Yes, some of the time 4 = Yes, most of the time 5 = Yes, all of the time
91	<i>Cohort 9 Follow Up Survey: Pain Interfering with Work Question (Q5)</i>	109	Beneficiary's response to Q5 from the <i>Cohort 9 Follow Up</i> survey: <i>During the past 4 weeks, how much did pain interfere with your normal work (including work both outside the home and housework)?</i> 1 = Not at all 2 = A little bit 3 = Moderately 4 = Quite a bit 5 = Extremely

Field #	Field Description	Field Position	Additional Information and Valid Values
92	Cohort 9 Follow Up Survey: Calm and Peaceful Question (Q6a)	110	<p>Beneficiary's response to Q6a from the <i>Cohort 9 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.</i> How much of the time during the past 4 weeks... <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</p>
93	Cohort 9 Follow Up Survey: Lots of Energy Question (Q6b)	111	<p>Beneficiary's response to Q6b from the <i>Cohort 9 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.</i> How much of the time during the past 4 weeks... <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</p>
94	Cohort 9 Follow Up Survey: Downhearted and Blue Question (Q6c)	112	<p>Beneficiary's response to Q6c from the <i>Cohort 9 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.</i> How much of the time during the past 4 weeks... <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</p>

Field #	Field Description	Field Position	Additional Information and Valid Values
95	<i>Cohort 9 Follow Up Survey:</i> Amount of Time Health Interfering with Social Activities Question (Q7)	113	Beneficiary's response to Q7 from the <i>Cohort 9 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
96	<i>Cohort 9 Follow Up Survey:</i> Physical Health Compared to One Year Ago Question (Q8)	114	Beneficiary's response to Q8 from the <i>Cohort 9 Follow Up</i> survey: <i>Compared to one year ago, how would you rate your physical health in general now?</i> 1 = Much better 2 = Slightly better 3 = About the same 4 = Slightly worse 5 = Much worse
97	<i>Cohort 9 Follow Up Survey:</i> Emotional Problems Compared to One Year Ago Question (Q9)	115	Beneficiary's response to Q9 from the <i>Cohort 9 Follow Up</i> survey: <i>Compared to one year ago, how would you rate your emotional problems (such as feeling anxious, depressed or irritable) in general now?</i> 1 = Much better 2 = Slightly better 3 = About the same 4 = Slightly worse 5 = Much worse
98	<i>Cohort 9 Follow Up Survey:</i> Bathing Question (Q10a)	116	Beneficiary's response to Q10a from the <i>Cohort 9 Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Bathing</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
99	<i>Cohort 9 Follow Up Survey:</i> Dressing Question (Q10b)	117	Beneficiary's response to Q10b from the <i>Cohort 9 Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Dressing</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity

Field #	Field Description	Field Position	Additional Information and Valid Values
100	<i>Cohort 9 Follow Up Survey:</i> Eating Question (Q10c)	118	Beneficiary's response to Q10c from the <i>Cohort 9 Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Eating</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
101	<i>Cohort 9 Follow Up Survey:</i> Getting In or Out of Chairs Question (Q10d)	119	Beneficiary's response to Q10d from the <i>Cohort 9 Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Getting in or out of chairs</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
102	<i>Cohort 9 Follow Up Survey:</i> Walking Question (Q10e)	120	Beneficiary's response to Q10e from the <i>Cohort 9 Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Walking</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
103	<i>Cohort 9 Follow Up Survey:</i> Using the Toilet Question (Q10f)	121	Beneficiary's response to Q10f from the <i>Cohort 9 Follow Up</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities without special equipment or help from another person?</i> <u>Using the toilet</u> 1 = No, I do not have difficulty 2 = Yes, I have difficulty 3 = I am unable to do this activity
104	<i>Cohort 9 Follow Up Survey:</i> Number of Days Physical Health Not Good Question (Q11)	122-123	Beneficiary's response to Q11 from the <i>Cohort 9 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? (Please enter a number between "0" and "30" days. If no days, please enter "0" days.)</i> Note: A value of "88" indicates ≥ 100 days.

Field #	Field Description	Field Position	Additional Information and Valid Values
105	<i>Cohort 9 Follow Up Survey: Number of Days Mental Health Not Good Question (Q12)</i>	124-125	Beneficiary's response to Q12 from the <i>Cohort 9 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? (Please enter a number between "0" and "30" days. If no days, please enter "0" days.)</i> Note: A value of "88" indicates ≥ 100 days.
106	<i>Cohort 9 Follow Up Survey: Number of Days Health Interfered with Daily Activities Question (Q13)</i>	126-127	Beneficiary's response to Q13 from the <i>Cohort 9 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? (Please enter a number between "0" and "30" days. If no days, please enter "0" days.)</i> Note: A value of "88" indicates ≥ 100 days.
107	<i>Cohort 9 Follow Up Survey: Chest Pain or Pressure During Exercise Question (Q14a)</i>	128	Beneficiary's response to Q14a from the <i>Cohort 9 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
108	<i>Cohort 9 Follow Up Survey: Chest Pain or Pressure When Resting Question (Q14b)</i>	129	Beneficiary's response to Q14b from the <i>Cohort 9 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
109	<i>Cohort 9 Follow Up Survey: Shortness of Breath When Lying Flat Question (Q15a)</i>	130	Beneficiary's response to Q15a from the <i>Cohort 9 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

Field #	Field Description	Field Position	Additional Information and Valid Values
110	<i>Cohort 9 Follow Up Survey: Shortness of Breath When Sitting or Resting Question (Q15b)</i>	131	Beneficiary's response to Q15b from the <i>Cohort 9 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
111	<i>Cohort 9 Follow Up Survey: Shortness of Breath When Walking Less than One Block Question (Q15c)</i>	132	Beneficiary's response to Q15c from the <i>Cohort 9 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
112	<i>Cohort 9 Follow Up Survey: Shortness of Breath When Climbing One Flight of Stairs Question (Q15d)</i>	133	Beneficiary's response to Q15d from the <i>Cohort 9 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
113	<i>Cohort 9 Follow Up Survey: Numbness in Feet Question (Q16a)</i>	134	Beneficiary's response to Q16a from the <i>Cohort 9 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

Field #	Field Description	Field Position	Additional Information and Valid Values
114	<i>Cohort 9 Follow Up Survey:</i> Tingling or Burning Sensation in Feet Question (Q16b)	135	Beneficiary's response to Q16b from the <i>Cohort 9 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
115	<i>Cohort 9 Follow Up Survey:</i> Decreased Temperature Sensation in Feet Question (Q16c)	136	Beneficiary's response to Q16c from the <i>Cohort 9 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
116	<i>Cohort 9 Follow Up Survey:</i> Sores or Wounds on Feet Question (Q16d)	137	Beneficiary's response to Q16d from the <i>Cohort 9 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
117	<i>Cohort 9 Follow Up Survey:</i> Arthritis Pain Question (Q17)	138	Beneficiary's response to Q17 from the <i>Cohort 9 Follow Up</i> survey: <i>During the past 4 weeks, how would you describe any arthritis pain you usually had?</i> 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe
118	<i>Cohort 9 Follow Up Survey:</i> Vision Question (Q18)	139	Beneficiary's response to Q18 from the <i>Cohort 9 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

Field #	Field Description	Field Position	Additional Information and Valid Values
119	<i>Cohort 9 Follow Up Survey:</i> Hearing Question (Q19)	140	Beneficiary's response to Q19 from the <i>Cohort 9 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
120	<i>Cohort 9 Follow Up Survey:</i> Hypertension Question (Q20)	141	Beneficiary's response to Q20 from the <i>Cohort 9 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
121	<i>Cohort 9 Follow Up Survey:</i> Angina or Coronary Artery Disease Question (Q21)	142	Beneficiary's response to Q21 from the <i>Cohort 9 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
122	<i>Cohort 9 Follow Up Survey:</i> Congestive Heart Failure Question (Q22)	143	Beneficiary's response to Q22 from the <i>Cohort 9 Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Congestive heart failure</u> 1 = Yes 2 = No
123	<i>Cohort 9 Follow Up Survey:</i> Myocardial Infarction Question (Q23)	144	Beneficiary's response to Q23 from the <i>Cohort 9 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
124	<i>Cohort 9 Follow Up Survey:</i> Other Heart Conditions Question (Q24)	145	Beneficiary's response to Q24 from the <i>Cohort 9 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
125	<i>Cohort 9 Follow Up Survey:</i> Stroke Question (Q25)	146	Beneficiary's response to Q25 from the <i>Cohort 9 Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>A stroke</u> 1 = Yes 2 = No
126	<i>Cohort 9 Follow Up Survey:</i> COPD Question (Q26)	147	Beneficiary's response to Q26 from the <i>Cohort 9 Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Emphysema, or asthma, or COPD (chronic obstructive pulmonary disease)</u> 1 = Yes 2 = No

Field #	Field Description	Field Position	Additional Information and Valid Values
127	<i>Cohort 9 Follow Up Survey:</i> Inflammatory Bowel Disease Question (Q27)	148	Beneficiary's response to Q27 from the <i>Cohort 9 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
128	<i>Cohort 9 Follow Up Survey:</i> Arthritis of Hip or Knee Question (Q28)	149	Beneficiary's response to Q28 from the <i>Cohort 9 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
129	<i>Cohort 9 Follow Up Survey:</i> Arthritis of Hand or Wrist Question (Q29)	150	Beneficiary's response to Q29 from the <i>Cohort 9 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
130	<i>Cohort 9 Follow Up Survey:</i> Osteoporosis Question (Q30)	151	Beneficiary's response to Q30 from the <i>Cohort 9 Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Osteoporosis, sometimes called thin or brittle bones</u> 1 = Yes 2 = No
131	<i>Cohort 9 Follow Up Survey:</i> Sciatica Question (Q31)	152	Beneficiary's response to Q31 from the <i>Cohort 9 Follow Up</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Sciatica (pain or numbness that travels down your leg to below your knee)</u> 1 = Yes 2 = No
132	<i>Cohort 9 Follow Up Survey:</i> Diabetes Question (Q32)	153	Beneficiary's response to Q32 from the <i>Cohort 9 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
133	<i>Cohort 9 Follow Up Survey:</i> Any Cancer Question (Q33)	154	Beneficiary's response to Q33 from the <i>Cohort 9 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

Field #	Field Description	Field Position	Additional Information and Valid Values
134	<i>Cohort 9 Follow Up Survey: Colorectal Cancer Treatment Question (Q34a)</i>	155	Beneficiary's response to Q34a from the <i>Cohort 9 Follow Up</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Colon or rectal cancer</u> 1 = Yes 2 = No
135	<i>Cohort 9 Follow Up Survey: Lung Cancer Treatment Question (Q34b)</i>	156	Beneficiary's response to Q34b from the <i>Cohort 9 Follow Up</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Lung cancer</u> 1 = Yes 2 = No
136	<i>Cohort 9 Follow Up Survey: Breast Cancer Treatment Question (Q34c)</i>	157	Beneficiary's response to Q34c from the <i>Cohort 9 Follow Up</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Breast cancer</u> 1 = Yes 2 = No
137	<i>Cohort 9 Follow Up Survey: Prostate Cancer Treatment Question (Q34d)</i>	158	Beneficiary's response to Q34d from the <i>Cohort 9 Follow Up</i> survey: <i>If you answered "yes" to question 33 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Prostate cancer</u> 1 = Yes 2 = No
138	<i>Cohort 9 Follow Up Survey: Low Back Pain Question (Q35)</i>	159	Beneficiary's response to Q35 from the <i>Cohort 9 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
139	<i>Cohort 9 Follow Up Survey: Two Weeks of Depression Question (Q36)</i>	160	Beneficiary's response to Q36 from the <i>Cohort 9 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

Field #	Field Description	Field Position	Additional Information and Valid Values
140	<i>Cohort 9 Follow Up Survey: Depression Much of the Time Question (Q37)</i>	161	Beneficiary's response to Q37 from the <i>Cohort 9 Follow Up</i> survey: <i>In the past year, have you felt depressed or sad much of the time?</i> 1 = Yes 2 = No
141	<i>Cohort 9 Follow Up Survey: Depression Most of the Time Question (Q38)</i>	162	Beneficiary's response to Q38 from the <i>Cohort 9 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
142	<i>Cohort 9 Follow Up Survey: Depressed for How Much of the Time in Past Week (Q39)</i>	163	Beneficiary's response to Q39 from the <i>Cohort 9 Follow Up</i> survey: How much of the time in the past week did you feel depressed? 1 = Less than one day 2 = One or two days 3 = Three or four days 4 = More than four days Note: This question was added in 2008
143	<i>Cohort 9 Follow Up Survey: Comparative Health Question (Q40)</i>	164	Beneficiary's response to Q40 from the <i>Cohort 9 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
144	<i>Cohort 9 Follow Up Survey: Current Smoker Question (Q41)</i>	165	Beneficiary's response to Q41 from the <i>Cohort 9 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
145	<i>Cohort 9 Follow Up Survey: Urine Leakage Question (Q42)</i>	166	Beneficiary's response to Q42 from the <i>Cohort 9 Follow Up</i> survey: <i>Many people experience problems with urinary incontinence, the leakage of urine. In the past six months, have you accidentally leaked urine?</i> 1 = Yes (Go to Q43) 2 = No (Go to Q46)

Field #	Field Description	Field Position	Additional Information and Valid Values
146	<i>Cohort 9 Follow Up Survey: Magnitude of Urine Leakage Problem Question (Q43)</i>	167	Beneficiary's response to Q43 from the <i>Cohort 9 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 Q44) 2 = A small problem (Go to Q44) 3 = Not a problem (Go to Q46)
147	<i>Cohort 9 Follow Up Survey Talked with Doctor about Urine Leakage Question (Q44)</i>	168	Beneficiary's response to Q44 from the <i>Cohort 9 Follow Up</i> survey: <i>Have you talked with your current doctor or other health provider about your urine leakage problem?</i> 1 = Yes 2 = No
148	<i>Cohort 9 Follow Up Survey: Received Treatment for Urine Leakage Question (Q45)</i>	169	Beneficiary's response to Q45 from the <i>Cohort 9 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
149	<i>Cohort 9 Follow Up Survey: Talked with Doctor about Physical Activities Question (Q46)</i>	170	Beneficiary's response to Q46 from the <i>Cohort 9 Follow Up</i> survey: <i>In the past 12 months, did you talk with a doctor or other health provider about your level of exercise or physical activity? For example, a doctor or other health provider may ask if you exercise regularly or take part in physical exercise.</i> 1 = Yes (Go to Q47) 2 = No (Go to Q47) 3 = I had no visits in the last 12 months (Go to Q48)
150	<i>Cohort 9 Follow Up Survey: Advised to Increase or Maintain Activities Question (Q47)</i>	171	Beneficiary's response to Q47 from the <i>Cohort 9 Follow Up</i> survey: <i>In the past 12 months, did a doctor or other health provider advise you to start, increase or maintain your level of exercise or physical activity? For example, in order to improve your health, your doctor or other health provider may advise you to start taking the stairs, increase walking from 10 to 20 minutes every day or to maintain your current exercise program.</i> 1 = Yes 2 = No

Field #	Field Description	Field Position	Additional Information and Valid Values
151	<i>Cohort 9 Follow Up Survey:</i> Talked to Doctor about Falling or Balance Problem Question (Q48)	172	Beneficiary's response to Q48 from the <i>Cohort 9 Follow Up</i> survey: <i>A fall is when your body goes to the ground without being pushed. In the past 12 months, did you talk with your doctor or other health provider about falling or problems with balance or walking?</i> 1 = Yes 2 = No 3 = I had no visits in the past 12 months
152	<i>Cohort 9 Follow Up Survey:</i> Fell in Past 12 Months Question (Q49)	173	Beneficiary's response to Q49 from the <i>Cohort 9 Follow Up</i> survey: <i>Did you fall in the past 12 months?</i> 1 = Yes 2 = No
153	<i>Cohort 9 Follow Up Survey:</i> Problem with Walking or Balance in Past 12 Months Question (Q50)	174	Beneficiary's response to Q50 from the <i>Cohort 9 Follow Up</i> survey: <i>In the past 12 months, have you had a problem with balance or walking?</i> 1 = Yes 2 = No
154	<i>Cohort 9 Follow Up Survey:</i> Talked to Doctor about How to Prevent Falls Question (Q51)	175	Beneficiary's response to Q51 from the <i>Cohort 9 Follow Up</i> survey: <i>Has your doctor or other health provider done these or anything else to help prevent falls or treat problems with balance or walking? Some things they might do include:</i> <ul style="list-style-type: none"> • Suggest that you use a cane or walker • Check your blood pressure lying or standing • Suggest that you do an exercise or physical therapy program • Suggest a vision or hearing testing 1 = Yes 2 = No 3 = I had no visits in the past 12 months
155	<i>Cohort 9 Follow Up Survey:</i> Osteoporosis Testing Question (Q52)	176	Beneficiary's response to Q52 from the <i>Cohort 9 Follow Up</i> survey: <i>Have you ever had a bone density test to check for osteoporosis, sometimes thought of as "brittle bones"? This test may have been done to your back, hip, wrist, heel or finger.</i> 1 = Yes 2 = No

Field #	Field Description	Field Position	Additional Information and Valid Values
156	Cohort 9 Follow Up Survey: Who Completed this Survey Form Question (Q62)	177	Beneficiary's response to Q62 from the <i>Cohort 9 Follow Up</i> survey: <i>Who completed this survey form?</i> 1 = Person to whom survey was addressed (Go to Q64) 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

FOLLOW UP SURVEY ADMINISTRATION

Field #	Field Description	Field Position	Additional Information and Valid Values
157	<i>Cohort 9 Follow Up:</i> Follow Up Survey Disposition	178-180	<i>Cohort 9 Follow Up</i> survey disposition code SPECIAL NOTE: This field contains a character string. M10/T10 = completed survey (≥ 80% complete) M11/T11 = non-response: partial complete (≥ 50% but < 80% complete) M31/T31 = non-response: break-off (≥ 0% but < 50% complete) Note: For survey disposition codes, M=Mail and T=Telephone
158	<i>Cohort 9 Follow Up:</i> Follow Up Survey Round	181-182	<i>Cohort 9 Follow Up</i> survey round code for completed, partially completed, and non-completed surveys by mail or telephone SPECIAL NOTE: This field contains a character string. M1 = 1 st mailing M2 = 2 nd mailing T1 = 1 st telephone T2 = 2 nd telephone T3 = 3 rd telephone T4 = 4 th telephone T5 = 5 th telephone T6 = 6 th telephone T7 = 7 th telephone T8 = 8 th telephone T9 = 9 th telephone MM = Partially completed by mail and converted to complete by mail re-contact MT = Partially completed by mail and converted to complete by telephone NC = Not completed
159	<i>Cohort 9 Follow Up:</i> Percent of Follow Up Survey Completed	183-187	Percent of <i>Cohort 9 Follow Up</i> Survey completed. Range: 0 to 100% (value is rounded to the tenths decimal place)
160	<i>Cohort 9 Follow Up:</i> Follow Up Survey Language	188	<i>Cohort 9 Follow Up</i> Survey Language. 1 = English 2 = Spanish 3 = Not Applicable 4 = Chinese
161	<i>Cohort 9 Analytic:</i> Cohort Identifier	189-191	Cohort Identifier for the <i>Cohort 9 Analytic</i> PUF. Cohort in which the HOS surveys contained in this data file were submitted SPECIAL NOTE: This field contains a character string. Value for each record = "A09"

Field #	Field Description	Field Position	Additional Information and Valid Values
162	<i>Cohort 9 Analytic:</i> CMS Region	192-193	CMS Region from the August 2008 NCQA Plan Contract List for the <i>Cohort 9 Analytic</i> PUF. 1 = Region 1 – Boston (serving Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont) 2 = Region 2 – New York (serving New York, New Jersey, Puerto Rico, and the Virgin Islands) 3 = Region 3 – Philadelphia (serving Delaware, Washington DC, Maryland, Pennsylvania, Virginia, and West Virginia) 4 = Region 4 – Atlanta (serving Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee) 5 = Region 5 – Chicago (serving Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin) 6 = Region 6 – Dallas (serving Arkansas, Louisiana, New Mexico, Oklahoma, and Texas) 7 = Region 7 – Kansas City (serving Iowa, Kansas, Missouri, and Nebraska) 8 = Region 8 – Denver (serving Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming) 9 = Region 9 – San Francisco (serving Arizona, California, Guam, Hawaii, and Nevada) 10 = Region 10 – Seattle (serving Alaska, Idaho, Oregon, and Washington)
163	<i>Cohort 9 Follow Up:</i> Follow Up Sample Indicator	194	<i>Cohort 9 Follow Up</i> Sample Indicator. Indicates if the record was included in the <i>Cohort 9 Follow Up</i> sample: 1 = Eligible for Follow Up 2 = Not Eligible for Follow Up
164	<i>Cohort 9 Analytic:</i> Analytic Sample Indicator	195	Analytic Sample Indicator for the <i>Cohort 9 Analytic</i> PUF. Indicates status of the record in the analytic file: 1 = Respondent 2 = Non-respondent 3 = Ineligible 4 = Disenrolled 5 = Dead