PERFORMANCE
MEASUREMENT

ELECTRONIC DATA
USER'S GUIDE

Cohort I
1998-2000

MEDICARE HEALTH OUTCOMES SURVEY

CENTERS
FOR MEDICARE
& MEDICAID
SERVICES

HEALTH
SERVICES
ADVISORY
GROUP

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Preface

The Centers for Medicare & Medicaid Services (CMS) is committed to monitoring the quality of care provided by Medicare + Choice Organizations (M+COs). The Medicare Health Outcomes Survey (HOS) is the first 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 M+CO, and measures physical and mental health over a two-year period.

The HOS measure is an assessment of a health plan's ability to maintain or improve the physical and mental health functioning of its Medicare beneficiaries over a two-year period of time. The functional status of the elderly is known to decline over such a period.[1] The HOS results were computed using a set of case mix/risk adjustment factors, adjusting for expected differences. The differences between the baseline and the two-year follow up physical and mental health scores are presented in terms of the percentages of beneficiaries who were better, the same, or worse than expected. The resulting aggregation of these scores across beneficiaries within a plan yields the HOS plan level Performance Measurement results. These results are specific to each individual plan. HOS results are an important part of CMS' quality improvement activities, as current law authorizes Quality Improvement Organizations (QIOs) to review the quality of care provided to people with Medicare. The goals of HOS are to help beneficiaries make informed health care choices and to promote quality improvement based on competition.

The *Cohort I* Performance Measurement results (released in November 2001) describe a change in health over time, which is characterized in terms of the direction and magnitude for all beneficiaries in a given plan. The results describe the outcomes of a randomly selected set of members from each participating plan between 1998 and 2000.

This **Electronic Data User's Guide** is designed to assist M+COs with the use of the accompanying beneficiary level *Cohort I* Performance Measurement Data File. These data are intended to support M+CO and QIO quality improvement activities.

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[1] National Committee for Quality Assurance. *HEDIS 3.0/1998, Volume 6: Health of Seniors Survey Manual*. Washington DC: NCQA Publication, 1998.

Introduction

BACKGROUND

The CMS, in collaboration with the National Committee for Quality Assurance (NCQA), launched the first Medicare managed care outcomes measure in the Health Plan Employer Data and Information Set (HEDIS®) in 1998.[2]   The measure includes the most recent advances in summarizing physical and mental health outcomes results and appropriate risk adjustment techniques. This measure was initially titled Health of Seniors and was renamed the Medicare Health Outcomes Survey during the first year of implementation. This name change was intended to reflect the inclusion of Medicare recipients in the sampling methodology who are disabled and under age 65.

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

In 1998, CMS required Medicare Managed Care Organizations (MCOs) with contracts in effect on or before January 1, 1997 to participate in HOS. In 1999, CMS required all M+COs and section 1876 risk and cost health plans with contracts in place on or before January 1, 1998 to participate in HOS. In addition, selected PACE (Program of All-inclusive Care for the Elderly) plans, EverCare plans and demonstration risk plans participated in the second year administration. 1999 also marked the first year in which a Spanish language version of the survey was incorporated into the survey protocol. In 2000, CMS required all M+COs, continuing cost contractors, PACE plans, Social HMOs, Medicare Choices and Department of Defense (DOD) Subvention Demonstration plans with contracts in place on or before January 1, 1999 to participate in the *Cohort III Baseline* survey. All plans with contracts in place on or before January 1, 1997 that participated in the *Cohort I Baseline* survey in 1998 were required to participate in the *Cohort I Follow Up* survey.

Data collection for *Cohort I Baseline* occurred in 1998, and data reports were distributed to M+COs and QIOs in 1999. *Cohort I Baseline* beneficiary level electronic data were disseminated to QIOs in 1999. Data collection for *Cohort I Follow Up* occurred in 2000. These data were combined with *Cohort I Baseline* data to create a merged *Cohort I* Performance Measurement Data File. This file was used to generate the *Cohort I* Performance Measurement Reports, which were distributed to the M+COs and QIOs in November 2001.

For further background on the Medicare HOS, please refer to the *Cohort I* Performance Measurement Report. Additionally, the Medicare HOS Information and Technical Support Telephone Line (1-888-880-0077), as well as the HOS E-mail Address (*hos.azpro@sdps.org*), are available to provide technical assistance.

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

MEDICARE HEALTH OUTCOMES SURVEY INSTRUMENT

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

SF-36® Health Survey

The SF-36® is a multi-purpose, short-form health survey with only 36 questions, which yields physical and mental health summary measures. It is a generic measure, as opposed to one that targets a specific age, disease, or treatment group. As documented in more than 2,500 publications, the SF-36® has proven useful in both general and specific populations, comparing the relative burden of diseases, differentiating the health benefits produced by a wide range of different treatments, and screening individual patients. The most complete information about the history and development of the SF-36®, its psychometric evaluation, studies of reliability and validity, and normative data is available in two user's manuals.[4, 5]
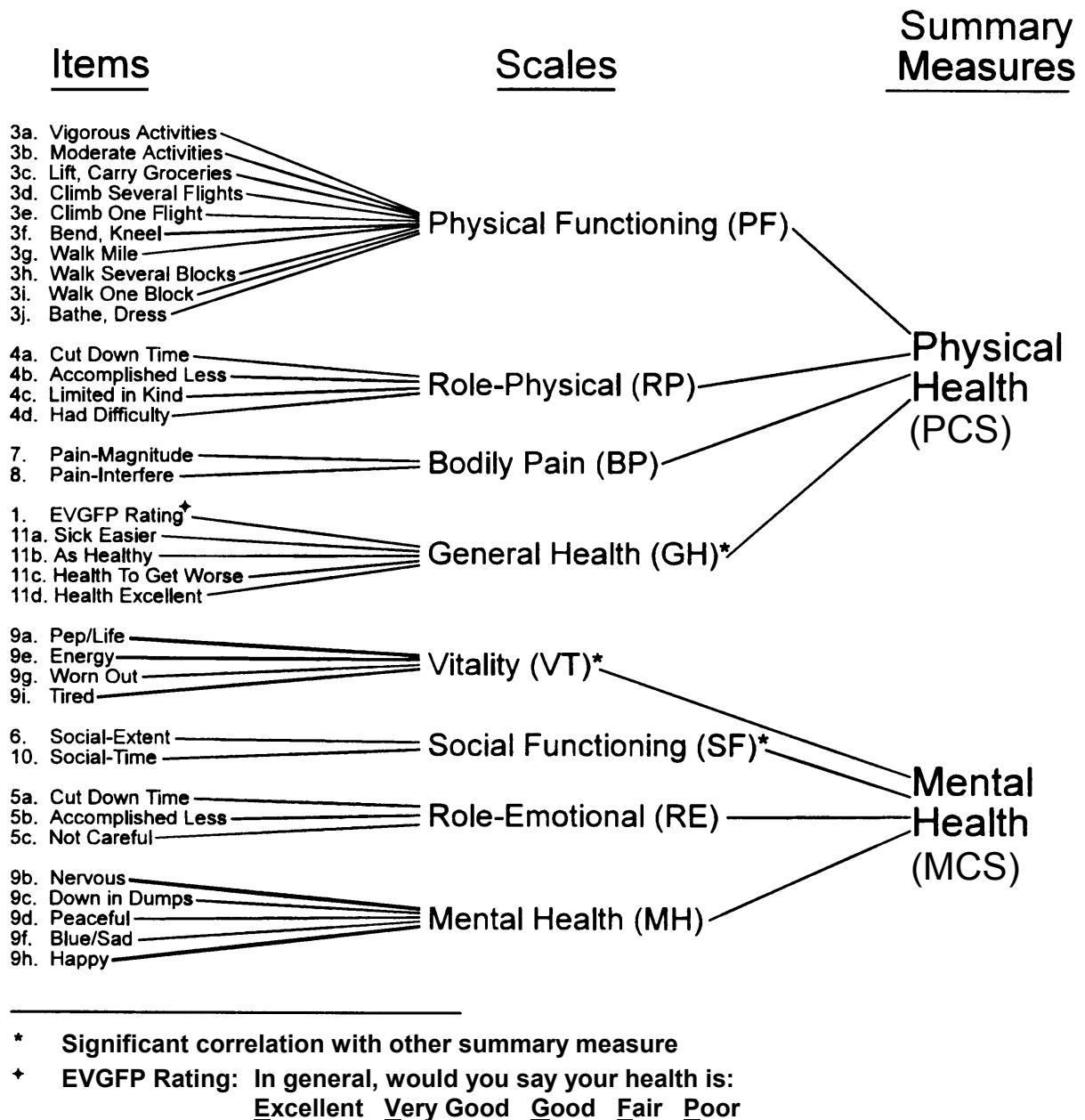
Figure 1 on page 4 illustrates the taxonomy of items and concepts underlying the construction of the SF-36® Physical Component Summary (PCS) and Mental Component Summary (MCS) measures. The SF-36® is scored from 0 to 100 points, with higher scores indicating better functioning on both the individual scales and summary measures (PCS and MCS). The HOS individual scale scores, as well as the PCS and MCS scores, have been normed to the values for the 1998 general US population, so that a score of fifty represents the national average for a given scale or summary score. In addition, the norm based score for the 1998 general US population has a standard deviation (SD) of ten points. It is important to note however, that the 1998 general population **elderly** norms reflect a PCS mean score of 42.6 and an MCS mean score of 52.0.

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[3] SF-36® is a registered trademark of the Medical Outcomes Trust.
[4] Ware JE, Snow KK, Kosinski M, Gandek B. *SF-36® Health Survey Manual and Interpretation Guide.* Boston, MA: The Health Institute, 1993.
[5] Ware JE, Kosinski M. *SF-36® Physical and Mental Health Summary Scales: A Manual for Users of Version 1, Second Edition.* Lincoln, RI: QualityMetric, Incorporated, 2001.

FIGURE 1: SF-36® MEASUREMENT MODEL

Items

3a. Vigorous Activities
3b. Moderate Activities
3c. Lift, Carry Groceries
3d. Climb Several Flights
3e. Climb One Flight
3f. Bend, Kneel
3g. Walk Mile
3h. Walk Several Blocks
3i. Walk One Block
3j. Bathe, Dress

4a. Cut Down Time
4b. Accomplished Less
4c. Limited in Kind
4d. Had Difficulty

7. Pain-Magnitude
8. Pain-Interfere

1. EVGFP Rating✦
11a. Sick Easier
11b. As Healthy
11c. Health To Get Worse
11d. Health Excellent

9a. Pep/Life
9e. Energy
9g. Worn Out
9i. Tired

6. Social-Extent
10. Social-Time

5a. Cut Down Time
5b. Accomplished Less
5c. Not Careful

9b. Nervous
9c. Down in Dumps
9d. Peaceful
9f. Blue/Sad
9h. Happy

Scales

Physical Functioning (PF)

Role-Physical (RP)

Bodily Pain (BP)

General Health (GH)*

Vitality (VT)*

Social Functioning (SF)*

Role-Emotional (RE)

Mental Health (MH)

Summary Measures

Physical Health (PCS)

Mental Health (MCS)

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* Significant correlation with other summary measure

✦ EVGFP Rating: In general, would you say your health is:
   Excellent Very Good Good Fair Poor

Case Mix Adjustment Questions

In general, risk adjustment is a method which adjusts for multiple factors which may impact an outcome of interest. Case mix adjustment, which is a type of risk adjustment, adjusts the resulting data for patient characteristics that are known to be related to systematic biases in the way people respond to survey questions. In the case of the HOS Performance Measurement Data, multivariate statistical methods were used for case mix adjustment, so all plans would be as equal as possible in terms of demographic and socioeconomic characteristics, chronic conditions, initial health status, and other design variables. The Medicare HOS Performance Measurement case mix methodology was originally created by the Health Assessment Lab (HAL).

The HOS instrument also includes questions on demographics, chronic medical conditions, and activities of daily living (ADLs). Demographics include questions on beneficiary age, gender, race, education, marital status, and income.

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

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

For further information on the Medicare HOS instrument, please refer to the *Cohort I* Performance Measurement Report and *HEDIS*® *2000, Volume 6: Specifications for the Medicare Health Outcomes Survey* [6] (referred to as the *2000 HOS Manual*).

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[6] National Committee for Quality Assurance. *HEDIS*® *2000, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2000.

Methodology

SAMPLING METHODOLOGY

The HOS measure is administered annually to a randomly selected sample of individuals at baseline from each M+CO. The CMS selects the random samples for each baseline cohort. The sampling methodology is dependent upon the plan's population. For M+COs with Medicare populations of more than 1,000 members, a simple random sample of 1,000 members is selected for the baseline survey. For M+COs with populations of 1,000 members or less, all eligible members are included in the sample for the baseline survey.

For the *Cohort I Follow Up* sample, CMS identified beneficiaries from the *Cohort I Baseline* sample who were eligible for remeasurement. Members were eligible for remeasurement if a PCS and/or MCS score was able to be calculated. Beneficiaries were excluded from *Cohort I Follow Up* if they disenrolled from their M+CO subsequent to the *Cohort I Baseline* survey, or were deceased subsequent to the *Cohort I Baseline* survey. Although deceased beneficiaries are excluded from the *Cohort I Follow Up* sample, CMS includes deceased beneficiaries when calculating the HOS Performance Measurement results.[7]

DISTRIBUTION OF THE SAMPLE

The 1998 *Cohort I Baseline* Medicare HOS included a random sample of 279,135 beneficiaries from 269 M+COs, including both the aged and disabled.[8] Of the 279,135 individuals sampled, 62% (172,314) completed the baseline survey. Of the 172,314 respondents, 161,631 were seniors (age 65 or older) who returned a completed survey. A completed survey was defined as one that could be used to calculate PCS and/or MCS scores. During the two years between the 1998 *Cohort I Baseline* survey and the 2000 *Cohort I Follow Up* survey, a number of M+COs discontinued offering managed care to Medicare beneficiaries, or consolidated with other health plans. As a result of these changes, 188 reporting units (M+COs) and 122,444 respondents remained in HOS. For purposes of plan comparisons, this group of 122,444 beneficiaries comprises the *Cohort I Performance Measurement analytic sample*.

At the time of follow up, 82,625 beneficiaries were seniors age 65 or older who had completed a baseline survey and were still alive and enrolled in their original M+CO. These beneficiaries are referred to as the *Cohort I Follow Up eligible sample*. A total of 71,094 eligible beneficiaries returned a follow up survey that could be used to estimate PCS and/or MCS scores. These 71,094 beneficiaries comprise the *Cohort I Follow Up respondent sample*.

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[7] National Committee for Quality Assurance. *HEDIS® 2001, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2001.
[8] National Committee for Quality Assurance. *HEDIS 3.0/1998, Volume 6: Health of Seniors Survey Manual*. Washington DC: NCQA Publication, 1998.

The performance measurement results are based on the analytic sample of 122,444 and not the entire population sampled at baseline and follow up. At the national level, 8,047 beneficiaries died between baseline and the two-year follow up. Another 31,772 beneficiaries voluntarily disenrolled from their M+COs during the same two-year period. Of the 82,625 individuals eligible for follow up, 71,094 beneficiaries responded; 10,964 beneficiaries did not respond to the follow up survey; and 567 beneficiaries were determined to be invalid members at follow up.[9] It is important to remember that a respondent is defined as an eligible beneficiary who returned a survey that could be used to estimate a PCS and/or MCS score.

For further information on the distribution of the analytic sample at the plan and state level, please refer to the Executive Summary of the *Cohort I* Performance Measurement Report.

SCORING SF-36® PHYSICAL AND MENTAL HEALTH SUMMARY MEASURES

Physical and mental health status are estimated, respectively, using the PCS and MCS scoring algorithms recommended by the developers of the SF-36® Health Survey, as documented in detail elsewhere.[10] Briefly, these norm-based algorithms yield favorably scored (i.e., higher is better) scales that have a mean of 50 and a standard deviation of 10 in the general US population. For PCS, very high scores indicate no physical limitations; disabilities or declines in well being; high energy level; and a rating of health as "excellent." For MCS, very high scores indicate frequent positive affect, absence of psychological distress, and no limitations in usual social and role activities due to emotional problems.

Given that the *Cohort I Baseline* survey was fielded in 1998, the means and standard deviations used in scoring PCS and MCS were based on the 1998 National Survey of Functional Health Status. In order to allow for interpretation of PCS and MCS scores across all of the cohorts of data, the weights (i.e. component scoring coefficients) used to generate the summary scores are the original standardized weights recommended by the developers and used during the first four baseline cohorts of data.[11]

The HOS is among the first large scale surveys to take advantage of improved algorithms for scoring the PCS and MCS summary measures for respondents with missing data. The improved algorithms were adopted to recapture respondents who had one or more missing SF-36® responses. Most previous studies have used the "half scale" rule for imputing scale scores for those with missing data. This solution, which was developed during the Health Insurance Experiment more than 20 years ago, is widely used in health status research.[12] However, the "half scale" approach has several

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[9] Invalid members at *follow up* meet one of the following criteria: not enrolled in the M+CO; have an incorrect address and phone number; or have a language barrier.
[10] Ware JE, Kosinski M. *SF-36® Physical and Mental Health Summary Scales: A Manual for Users of Version 1, Second Edition.* Lincoln, RI: QualityMetric, 2001.
[11] Ware JE, Kosinski M. *SF-36® Physical and Mental Health Summary Scales: A User's Manual.* Lincoln, RI: QualityMetric, 2001.
[12] Ware JE, Brook RH, Davies-Avery A, Williams K, Stewart AL, Rogers WH, *et al. Model of Health and Methodology.* Santa Monica, CA: RAND Corporation, 1980; R-1987/1-HEW. (*Conceptualization and Measurement of Health for Adults in the Health Insurance Study; vol. 1*).

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

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

CASE MIX ADJUSTMENT

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

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

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

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

TABLE 1: COVARIATES USED IN ESTIMATION OF EXPECTED MORTALITY AND CHANGE IN PCS/MCS SCORES

DEATH MODEL COVARIATES

DEMOGRAPHIC AND SOCIOECONOMIC VARIABLES

Age (linear), Age 75+, Age 85+ (Models A-H)

Gender (Models A-H)

Age and Gender interaction (Models A-H)

Race/Ethnicity (Black/African-American, Hispanic, Asian/Pacific Islander) – HOS (Models A-D),
        CMS (Models E-H)

On Medicaid or not on Medicaid (Models A-H)

Home owner or non-home owner (Models A-D)

High school graduate or not high school graduate (Models A-D)

Married or not married (single, divorced, widowed, separated) (Models A-D)

Income less than $20,000 or reported income of $20,000 or greater (Models A, C)

CHRONIC CONDITIONS

Presence or absence of each of 13 chronic conditions: hypertension, myocardial infarction, angina/coronary disease, congestive heart failure, other heart conditions, stroke, pulmonary disease, gastrointestinal disorders, arthritis of hip or knee, arthritis of hand or wrist, sciatica, diabetes, cancer other than skin cancer (Models A, B)

Treatment or non-treatment for 4 cancer types: colon/rectal, lung, breast, prostate (Models A, B)

Mean number of conditions in 4 groups with varying relations to death (Models C-F):

   Strong relationship (congestive heart failure, any cancer, colon/rectal cancer, lung cancer)

   Moderate relationship (pulmonary, diabetes, stroke, myocardial infarction)

   Weak relationship (breast cancer, hypertension, angina/coronary artery disease, other heart)

   Negative relationship (gastrointestinal, arthritis (both types), sciatica, prostate cancer)

BASELINE FUNCTIONAL STATUS

SF-36® Physical Functioning/Activities of Daily Living Index (Models A-E)

SF-36® General Health scale (Models A-E)

SF-36® Social Functioning scale (Models A-E)

One-item measure of General Health compared to others (Models A-E)

Baseline PCS and MCS (Models F-G)

SURVEY ADMINISTRATION

Telephone or mail survey (Models A-G)

PCS/MCS MODEL COVARIATES

Age (linear), Age 75+, Age 85+ (PCS/MCS Models A-C)

Gender (PCS/MCS Models A-C)

Age and Gender interaction (PCS/MCS Models A-C)

Race/Ethnicity (Black/African-American, Hispanic, Asian/Pacific Islander) – HOS (PCS/MCS Models A-B),
        CMS (MCS Model C)

On Medicaid or not on Medicaid (PCS/MCS Models A-C)

Home owner or non-home owner (PCS/MCS Models A-B)

High school graduate or not high school graduate (PCS/MCS Models A-B)

Married or not married (single, divorced, widowed, separated) (PCS/MCS Models A-B)

Income less than $20,000 or reported income of $20,000 or greater (PCS/MCS Model A)

Performance Measurement Electronic Data File Characteristics

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

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

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

PLAN LEVEL VARIABLES (VARIABLES 1-12)

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

SURVEY LEVEL VARIABLES (VARIABLES 13-209)

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

SURVEY ADMINISTRATION VARIABLES (VARIABLES 210-215)

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

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

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

BENEFICIARY LEVEL VARIABLES (VARIABLES 220-255)

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

CAUTIONARY NOTES

♦ The HOS Questionnaire contains multiple skip patterns. Caution should be exercised when examining selected questions that involve skip pattern responses. Please refer to Appendix B for additional information.

♦ Minor modifications to the HOS questionnaire occurred between the administration of the *Cohort I Baseline* and *Cohort I Follow Up* surveys. One question was removed from the instrument [Visiting a doctor question (Q45 in the *Cohort I Baseline* survey)]. Due to the omission of this question in the *Cohort I Follow Up* survey administration, the baseline response was not included in the *Cohort I* Performance Measurement Data File. The reference period of the smoking cessation questions was reduced from 12 to 6 months [Quit smoking question (Q44), and Smoking advice question (Q45 in the *Cohort I Follow Up* survey)]. Please refer to Appendix B for additional information. Caution should be exercised when examining the data across multiple cohorts.

♦ Some demographic variables (birth year, race, and gender) were obtained from the CMS Medicare Enrollment Database (EDB) at the time of sampling and also from the respondent provided survey data. Inconsistencies between these two data sources have been identified. Caution should be exercised when examining these variables.

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

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

Appendix A
Quality Assurance of the Data

DATA RECEIPT

Cohort I Baseline and *Cohort I Follow Up* data were transmitted to Health Services Advisory Group (HSAG) from NCQA. The data were transmitted on CD-ROMs containing individual ASCII flat files for each participating M+CO. The ASCII files contained plan, beneficiary, and survey information as specified in the HOS Manual.[14, 15]

DATA CLEANING AND EDITING

Data consistency checks are performed by reviewing the entire HOS data set for out of range values. To verify the presence of unique beneficiaries in the HOS data file, the file is examined for duplicate Health Insurance Claim (HIC) numbers. All dates contained within the data file are verified to correspond to the appropriate range. Frequency distributions of all categorical variables as well as cross tabulations by vendor are performed to identify both out of range values and data shifts in value assignment. The cross tabulations are performed using the entire HOS data file and also specified subsets of the data file.

After the HOS data file is cleaned and edited, a final data set is produced. This final data set serves as the source data set for the performance measurement analysis.

For further information on the quality assurance of the data, please refer to the *Cohort I* Performance Measurement Report. Additionally, the Medicare HOS Information and Technical Support Telephone Line (1-888-880-0077), as well as the HOS E-mail Address (*hos.azpro@sdps.org*), are available to provide technical assistance.

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[14] National Committee for Quality Assurance. *HEDIS 3.0/1998, Volume 6: Health of Seniors Survey Manual.* Washington DC: NCQA Publication, 1998.

[15] National Committee for Quality Assurance. *HEDIS® 2000, Volume 6: Specifications for the Medicare Health Outcomes Survey.* Washington DC: NCQA Publication, 2000.

Appendix B
Performance Measurement Electronic Data File Specifications

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

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

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

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
10	Plan Model	133-139	Plan model as listed in the CMS June 2001 Monthly Report of Managed Care Health Plans.
11	Plan Type	140-142	Plan type as listed in the CMS June 2001 Monthly Report of Managed Care Health Plans.
12	Plan Tax Status	143-145	Plan tax status as listed in the CMS June 2001 Monthly Report of Managed Care Health Plans.
13	Unique Beneficiary ID	146-151	Unique number assigned to each beneficiary in the analytic sample (1 to XX,XXX for the *Cohort I* Performance Measurement Data File).
14	Baseline Survey: General Health Question (Q1)	152	Beneficiary's response to Q1 from the *Cohort I Baseline* survey: *In general, would you say your health is:* 1 = Excellent 2 = Very Good 3 = Good 4 = Fair 5 = Poor
15	Baseline Survey: Health Transition Question (Q2)	153	Beneficiary's response to Q2 from the *Cohort I Baseline* survey: *Compared to one year ago, how would you rate your health in general now?* 1 = Much better now than one year ago 2 = Somewhat better now than one year ago 3 = About the same as one year ago 4 = Somewhat worse now than one year ago 5 = Much worse now than one year ago
16	Baseline Survey: Vigorous Activities Question (Q3a)	154	Beneficiary's response to Q3a from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* <u>Vigorous activities</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
17	Baseline Survey: Moderate Activities Question (Q3b)	155	Beneficiary's response to Q3b from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* <u>Moderate activities</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
18	Baseline Survey: Lifting Groceries Question (Q3c)	156	Beneficiary's response to Q3c from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* Lifting or Carrying Groceries 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
19	Baseline Survey: Climbing Several Flights of Stairs Question (Q3d)	157	Beneficiary's response to Q3d from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* Climbing several flights of stairs 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
20	Baseline Survey: Climbing One Flight of Stairs Question (Q3e)	158	Beneficiary's response to Q3e from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* Climbing one flight of stairs 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
21	Baseline Survey: Bending, Kneeling, and Stooping Question (Q3f)	159	Beneficiary's response to Q3f from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* Bending, kneeling, or stooping 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
22	Baseline Survey: Walking More than a Mile Question (Q3g)	160	Beneficiary's response to Q3g from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* Walking more than a mile 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
23	Baseline Survey: Walking Several Blocks Question (Q3h)	161	Beneficiary's response to Q3h from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* Walking several blocks 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
24	Baseline Survey: Walking One Block Question (Q3i)	162	Beneficiary's response to Q3i from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* <u>Walking one block</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
25	Baseline Survey: Bathing and Dressing Question (Q3j)	163	Beneficiary's response to Q3j from the *Cohort I Baseline* survey: *Does your health limit you in these activities? If so, how much?* <u>Bathing or dressing yourself</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
26	Baseline Survey: Physical Health Limiting Time Spent on Activities Question (Q4a)	164	Beneficiary's response to Q4a from the *Cohort I Baseline* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No
27	Baseline Survey: Physical Health Limiting Amount Accomplished Question (Q4b)	165	Beneficiary's response to Q4b from the *Cohort I Baseline* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* <u>Accomplished less than you would like</u> 1 = Yes 2 = No
28	Baseline Survey: Physical Health Limiting the Kind of Activities Question (Q4c)	166	Beneficiary's response to Q4c from the *Cohort I Baseline* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* <u>Were limited in the kind of work or other activities</u> 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
29	Baseline Survey: Physical Health Causing Difficulty Performing Activities Question (Q4d)	167	Beneficiary's response to Q4d from the *Cohort I Baseline* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* <u>Had difficulty performing the work or other activities</u> 1 = Yes 2 = No
30	Baseline Survey: Emotional Problems Limiting Time Spent on Activities Question (Q5a)	168	Beneficiary's response to Q5a from the *Cohort I Baseline* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?* <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No
31	Baseline Survey: Emotional Problems Limiting Amount Accomplished Question (Q5b)	169	Beneficiary's response to Q5b from the *Cohort I Baseline* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?* <u>Accomplished less than you would like</u> 1 = Yes 2 = No
32	Baseline Survey: Emotional Problems Limiting Carefulness Question (Q5c)	170	Beneficiary's response to Q5c from the *Cohort I Baseline* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?* <u>Didn't do work or other activities as carefully as usual</u> 1 = Yes 2 = No
33	Baseline Survey: Extent Health Interfering with Social Activities Question (Q6)	171	Beneficiary's response to Q6 from the *Cohort I Baseline* survey: *During the past 4 weeks, to what extent has your physical health or emotional problems interfered with your normal social activities…?* 1 = Not at All 2 = Slightly 3 = Moderately 4 = Quite a bit 5 = Extremely

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

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

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
42	Baseline Survey: Feeling Worn Out Question (Q9g)	180	Beneficiary's response to Q9g from the *Cohort I Baseline* survey: *How much of the time during the past 4 weeks…* <u>Did you feel worn out</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
43	Baseline Survey: Happy Question (Q9h)	181	Beneficiary's response to Q9h from the *Cohort I Baseline* survey: *How much of the time during the past 4 weeks…* <u>Have you been a happy person</u>? 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
44	Baseline Survey: Feeling Tired Question (Q9i)	182	Beneficiary's response to Q9i from the *Cohort I Baseline* survey: *How much of the time during the past 4 weeks…* <u>Did you feel tired</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
45	Baseline Survey: Amount of Time Health Interfering with Social Activities Question (Q10)	183	Beneficiary's response to Q10 from the *Cohort I Baseline* survey: *During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities?* 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
46	Baseline Survey: Sick Easier Question (Q11a)	184	Beneficiary's response to Q11a from the *Cohort I Baseline* survey: *How true or false is each of the following statements for you?* <u>I seem to get sick a little easier than other people</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
47	Baseline Survey: As Healthy Question (Q11b)	185	Beneficiary's response to Q11b from the *Cohort I Baseline* survey: *How true or false is each of the following statements for you?* <u>I am as healthy as anybody I know</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
48	Baseline Survey: Future Health Question (Q11c)	186	Beneficiary's response to Q11c from the *Cohort I Baseline* survey: *How true or false is each of the following statements for you?* <u>I expect my health to get worse</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
49	Baseline Survey: Excellent Health Question (Q11d)	187	Beneficiary's response to Q11d from the *Cohort I Baseline* survey: *How true or false is each of the following statements for you?* <u>My health is excellent</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
50	Baseline Survey: Bathing Question (Q12a)	188	Beneficiary's response to Q12a from the *Cohort I Baseline* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* <u>Bathing</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
51	Baseline Survey: Dressing Question (Q12b)	189	Beneficiary's response to Q12b from the *Cohort I Baseline* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* Dressing 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
52	Baseline Survey: Eating Question (Q12c)	190	Beneficiary's response to Q12c from the *Cohort I Baseline* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* Eating 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
53	Baseline Survey: Getting In/Out of Chairs Question (Q12d)	191	Beneficiary's response to Q12d from the *Cohort I Baseline* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* Getting in or out of chairs 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
54	Baseline Survey: Walking Question (Q12e)	192	Beneficiary's response to Q12e from the *Cohort I Baseline* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* Walking 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
55	Baseline Survey: Using the Toilet Question (Q12f)	193	Beneficiary's response to Q12f from the *Cohort I Baseline* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* Using the toilet 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty

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

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
60	Baseline Survey: Dyspnea when Walking Less than One Block Question (Q14c)	198	Beneficiary's response to Q14c from the *Cohort I Baseline* survey: *During the past 4 weeks, how often have you felt short of breath under the following conditions?* <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
61	Baseline Survey: Dyspnea when Climbing One Flight of Stairs Question (Q14d)	199	Beneficiary's response to Q14d from the *Cohort I Baseline* survey: *During the past 4 weeks, how often have you felt short of breath under the following conditions?* <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
62	Baseline Survey: Numbness in Feet Question (Q15a)	200	Beneficiary's response to Q15a from the *Cohort I Baseline* survey: *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?* <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
63	Baseline Survey: Ankle/Leg Edema Question (Q15b)	201	Beneficiary's response to Q15b from the *Cohort I Baseline* survey: *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?* <u>Ankles/legs that swell as the day goes on</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES

64	Baseline Survey:
	Foot Tingling/Burning Question (Q15c)
		202	Beneficiary's response to Q15c from the *Cohort I Baseline* survey:
			During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?
			   <u>Tingling or burning in your feet especially at night</u>
			   1 = All of the time
			   2 = Most of the time
			   3 = Some of the time
			   4 = A little of the time
			   5 = None of the time

65	Baseline Survey:
	Decreased Temperature Sensation in Feet Question (Q15d)
		203	Beneficiary's response to Q15d from the *Cohort I Baseline* survey:
			During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?
			   <u>Decreased ability to feel hot or cold with your feet</u>
			   1 = All of the time
			   2 = Most of the time
			   3 = Some of the time
			   4 = A little of the time
			   5 = None of the time

66	Baseline Survey:
	Sores/Wounds on Feet Question (Q15e)
		204	Beneficiary's response to Q15e from the *Cohort I Baseline* survey:
			During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?
			   <u>Sores or wounds on your feet that did not heal</u>
			   1 = All of the time
			   2 = Most of the time
			   3 = Some of the time
			   4 = A little of the time
			   5 = None of the time

67	Baseline Survey:
	Hemiparalysis/Weakness Question (Q16a)
		205	Beneficiary's response to Q16a from the *Cohort I Baseline* survey:
			Have you ever had paralysis or weakness on one side of the body?
			   1 = Yes, I have it
			   2 = Yes, but it went away
			   3 = No

68	Baseline Survey:
	Lost Ability to Talk Question (Q16b)
		206	Beneficiary's response to Q16b from the *Cohort I Baseline* survey:
			Have you ever lost the ability to talk?
			   1 = Yes, I have lost it
			   2 = Yes, but it returned
			   3 = No

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

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
77	Baseline Survey: Other Cardiac Conditions Question (Q25)	215	Beneficiary's response to Q25 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Other heart conditions… 1 = Yes 2 = No
78	Baseline Survey: Stroke Question (Q26)	216	Beneficiary's response to Q26 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Stroke 1 = Yes 2 = No
79	Baseline Survey: COPD Question (Q27)	217	Beneficiary's response to Q27 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Emphysema, asthma, or COPD 1 = Yes 2 = No
80	Baseline Survey: Inflammatory Bowel Disease Question (Q28)	218	Beneficiary's response to Q28 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Crohn's disease, ulcerative colitis, or inflammatory bowel disease 1 = Yes 2 = No
81	Baseline Survey: Arthritis of Hip/Knee Question (Q29)	219	Beneficiary's response to Q29 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Arthritis of the hip or knee 1 = Yes 2 = No
82	Baseline Survey: Arthritis of Hand/Wrist Question (Q30)	220	Beneficiary's response to Q30 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Arthritis of the hand or wrist 1 = Yes 2 = No
83	Baseline Survey: Sciatica Question (Q31)	221	Beneficiary's response to Q31 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Sciatica 1 = Yes 2 = No
84	Baseline Survey: Diabetes Question (Q32)	222	Beneficiary's response to Q32 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* Diabetes, high blood sugar, or sugar in the urine 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
85	Baseline Survey: Any Cancer Question (Q33)	223	Beneficiary's response to Q33 from the *Cohort I Baseline* survey: *Has a doctor ever told you that you had:* <u>Any cancer (other than skin cancer)</u> 1 = Yes 2 = No
86	Baseline Survey: Arthritis Pain Question (Q34)	224	Beneficiary's response to Q34 from the *Cohort I Baseline* survey: *If you answered "yes" to questions 29 or 30 above (that you have arthritis), During the past 4 weeks, how would you describe the arthritis pain you usually had?* 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe
87	Baseline Survey: Colorectal Cancer Treatment Question (Q35a)	225	Beneficiary's response to Q35a from the *Cohort I Baseline* survey: *If you answered "yes" to question 33 above (that you had cancer), Are you currently under treatment for:* <u>Colon or rectal cancer</u> 1 = Yes 2 = No
88	Baseline Survey: Lung Cancer Treatment Question (Q35b)	226	Beneficiary's response to Q35b from the *Cohort I Baseline* survey: *If you answered "yes" to question 33 above (that you had cancer), Are you currently under treatment for:* <u>Lung cancer</u> 1 = Yes 2 = No
89	Baseline Survey: Breast Cancer Treatment Question (Q35c)	227	Beneficiary's response to Q35c from the *Cohort I Baseline* survey: *If you answered "yes" to question 33 above (that you had cancer), Are you currently under treatment for:* <u>Breast cancer</u> 1 = Yes 2 = No
90	Baseline Survey: Prostate Cancer Treatment Question (Q35d)	228	Beneficiary's response to Q35d from the *Cohort I Baseline* survey: *If you answered "yes" to question 33 above (that you had cancer), Are you currently under treatment for:* <u>Prostate cancer</u> 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
91	Baseline Survey: Low Back Pain Question (Q36)	229	Beneficiary's response to Q36 from the *Cohort I Baseline* survey: *In the past 4 weeks, how often has low back pain interfered with your usual daily activities?* 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
92	Baseline Survey: Pain, Numbness, Tingling Down Leg Question (Q37)	230	Beneficiary's response to Q37 from the *Cohort I Baseline* survey: *In the past 4 weeks, how often did you have pain, numbness, or tingling that travels down your leg and below your knee?* 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
93	Baseline Survey: Two Weeks of Depression Question (Q38)	231	Beneficiary's response to Q38 from the *Cohort I Baseline* survey: *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?* 1 = Yes 2 = No
94	Baseline Survey: Depression Much of the Time Question (Q39)	232	Beneficiary's response to Q39 from the *Cohort I Baseline* survey: *In the past year, have you felt depressed or sad much of the time?* 1 = Yes 2 = No
95	Baseline Survey: Depression Most of the Time Question (Q40)	233	Beneficiary's response to Q40 from the *Cohort I Baseline* survey: *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?* 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
96	Baseline Survey: Comparative Health Question (Q41)	234	Beneficiary's response to Q41 from the *Cohort I Baseline* survey: *In general, compared to other people your age, would you say that your health is:* 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor
97	Baseline Survey: Smoked 100 Cigarettes Question (Q42)	235	Beneficiary's response to Q42 from the *Cohort I Baseline* survey: *Have you ever smoked at least 100 cigarettes in your entire life?* 1 = Yes (Go to Q43) 2 = No (Go to Q47) 3 = Don't know (Go to Q47)
98	Baseline Survey: Current Smoker Question (Q43)	236	Beneficiary's response to Q43 from the *Cohort I Baseline* survey: *Do you now smoke every day, some days, or not at all?* 1 = Every day (Go to Q45) 2 = Some days (Go to Q45) 3 = Not at all (Go to Q44) 4 = Don't know (Go to Q45)
99	Baseline Survey: Quit Smoking Question (Q44)	237	Beneficiary's response to Q44 from the *Cohort I Baseline* survey: *How long has it been since you quit smoking cigarettes?* 1 = Less than 12 months 2 = 12 months or more (Go to Q47) 3 = Don't know (Go to Q47)
100	Baseline Survey: Smoking Advice Question (Q46)	238	Beneficiary's response to Q46 from the *Cohort I Baseline* survey: *On how many visits were you advised to quit smoking by a doctor or other health professional in your plan?* 1 = None 2 = 1 visit 3 = 2 to 4 visits 4 = 5 to 9 visits 5 = 10 or more visits
101	Baseline Survey: Survey Reported Year of Birth Question (Q47)	239-242	Beneficiary's response to Q47 from the *Cohort I Baseline* survey: *In what year were you born?*
102	Baseline Survey: Survey Reported Gender Question (Q48)	243	Beneficiary's response to Q48 from the *Cohort I Baseline* survey: *Are you male or female?* 1 = Male 2 = Female

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
103	Baseline Survey: Hispanic Question (Q49)	244	Beneficiary's response to Q49 from the *Cohort I Baseline* survey: *Are you of Hispanic or Spanish family background?* 1 = Yes 2 = No
104	Baseline Survey: Survey Reported Race Question (Q50)	245	Beneficiary's response to Q50 from the *Cohort I Baseline* survey: *How would you describe your race?* 1 = American Indian or Alaskan Native 2 = Asian or Pacific Islander 3 = Black or African American 4 = White 5 = Another race or multiracial
105	Baseline Survey: Marital Status Question (Q51)	246	Beneficiary's response to Q51 from the *Cohort I Baseline* survey: *What is your current marital status?* 1 = Married 2 = Divorced 3 = Separated 4 = Widowed 5 = Never married
106	Baseline Survey: Education Question (Q52)	247	Beneficiary's response to Q52 from the *Cohort I Baseline* survey: *What is the highest grade or level of school that you have completed?* 1 = 8th grade or less 2 = Some high school, but did not graduate 3 = High school graduate or GED 4 = Some college or 2 year college degree 5 = 4 year college graduate 6 = More than a 4 year college degree
107	Baseline Survey: Housing Question (Q54)	248	Beneficiary's response to Q54 from the *Cohort I Baseline* survey: *Is the house or apartment you currently live in:* 1 = Owned or being bought by you 2 = Owned or being bought by someone in your family other than you 3 = Rented for money 4 = Not owned and one in which you live without payment of rent
108	Baseline Survey: Retirement Community Question (Q55)	249	Beneficiary's response to Q55 from the *Cohort I Baseline* survey: *Is this house or apartment in a retirement community, building or complex?* 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
109	Baseline Survey: Retirement Community Medical Services Question (Q56)	250	Beneficiary's response to Q56 from the *Cohort I Baseline* survey: *If you answered "yes" to question 55 above,* *Does this retirement community/building/ facility provide medical services?* 1 = Yes 2 = No
110	Baseline Survey: Who Completed this Survey Question (Q57)	251	Beneficiary's response to Q57 from the *Cohort I Baseline* survey: *Who completed this survey form?* 1 = Person to whom survey was addressed 2 = Family member or relative of person to whom the survey was addressed 3 = Friend of person to whom the survey was addressed 4 = Professional caregiver of person to whom the survey was addressed
111	Baseline Survey: Household Income Question (Q53)	252-253	Beneficiary's response to Q53 from the *Cohort I Baseline* survey: *Which of the following categories best represents the combined income for all family members in your household for the past 12 months?* 1 = Less than $5,000 2 = $5,000 - $9,999 3 = $10,000 - $19,999 4 = $20,000 - $29,999 5 = $30,000 - $39,999 6 = $40,000 - $49,999 7 = $50,000 - $79,999 8 = $80,000 - $99,999 9 = $100,000 or more 10 = Don't know
112	Follow Up Survey: General Health Question (Q1)	254	Beneficiary's response to Q1 from the *Cohort I Follow Up* survey: *In general, would you say your health is:* 1 = Excellent 2 = Very Good 3 = Good 4 = Fair 5 = Poor
113	Follow Up Survey: Health Transition Question (Q2)	255	Beneficiary's response to Q2 from the *Cohort I Follow Up* survey: *Compared to one year ago, how would you rate your health in general now?* 1 = Much better now than 1 year ago 2 = Somewhat better now than 1 year ago 3 = About the same as 1 year ago 4 = Somewhat worse now than 1 year ago 5 = Much worse now than 1 year ago

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
114	Follow Up Survey: Vigorous Activities Question (Q3a)	256	Beneficiary's response to Q3a from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* <u>Vigorous activities</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
115	Follow Up Survey: Moderate Activities Question (Q3b)	257	Beneficiary's response to Q3b from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* <u>Moderate activities</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
116	Follow Up Survey: Lifting Groceries Question (Q3c)	258	Beneficiary's response to Q3c from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* <u>Lifting or Carrying Groceries</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
117	Follow Up Survey: Climbing Several Flights of Stairs Question (Q3d)	259	Beneficiary's response to Q3d from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* <u>Climbing several flights of stairs</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
118	Follow Up Survey: Climbing One Flight of Stairs Question (Q3e)	260	Beneficiary's response to Q3e from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* <u>Climbing one flight of stairs</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
119	Follow Up Survey: Bending, Kneeling, and Stooping Question (Q3f)	261	Beneficiary's response to Q3f from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* <u>Bending, kneeling, or stooping</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
120	Follow Up Survey: Walking More than a Mile Question (Q3g)	262	Beneficiary's response to Q3g from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* Walking more than a mile 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
121	Follow Up Survey: Walking Several Blocks Question (Q3h)	263	Beneficiary's response to Q3h from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* Walking several blocks 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
122	Follow Up Survey: Walking One Block Question (Q3i)	264	Beneficiary's response to Q3i from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* Walking one block 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
123	Follow Up Survey: Bathing and Dressing Question (Q3j)	265	Beneficiary's response to Q3j from the *Cohort I Follow Up* survey: *Does your health limit you in these activities? If so, how much?* Bathing or dressing yourself 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
124	Follow Up Survey: Physical Health Limiting Time Spent on Activities Question (Q4a)	266	Beneficiary's response to Q4a from the *Cohort I Follow Up* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* Cut down on the amount of time you spent on work or other activities 1 = Yes 2 = No
125	Follow Up Survey: Physical Health Limiting Amount Accomplished Question (Q4b)	267	Beneficiary's response to Q4b from the *Cohort I Follow Up* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* Accomplished less than you would like 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
126	Follow Up Survey: Physical Health Limiting the Kind of Activities Question (Q4c)	268	Beneficiary's response to Q4c from the *Cohort I Follow Up* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* <u>Were limited in the kind of work or other activities</u> 1 = Yes 2 = No
127	Follow Up Survey: Physical Health Causing Difficulty Performing Activities Question (Q4d)	269	Beneficiary's response to Q4d from the *Cohort I Follow Up* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?* <u>Had difficulty performing the work or other activities</u> 1 = Yes 2 = No
128	Follow Up Survey: Emotional Problems Limiting Time Spent on Activities Question (Q5a)	270	Beneficiary's response to Q5a from the *Cohort I Follow Up* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?* <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No
129	Follow Up Survey: Emotional Problems Limiting Amount Accomplished Question (Q5b)	271	Beneficiary's response to Q5b from the *Cohort I Follow Up* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?* <u>Accomplished less than you would like</u> 1 = Yes 2 = No
130	Follow Up Survey: Emotional Problems Limiting Carefulness Question (Q5c)	272	Beneficiary's response to Q5c from the *Cohort I Follow Up* survey: *During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?* <u>Didn't do work or other activities as carefully as usual</u> 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
131	Follow Up Survey: Extent Health Interfering with Social Activities Question (Q6)	273	Beneficiary's response to Q6 from the *Cohort I Follow Up* survey: *During the past 4 weeks, to what extent has your physical health or emotional problems interfered with your normal social activities…?* 1 = Not at All 2 = Slightly 3 = Moderately 4 = Quite a bit 5 = Extremely
132	Follow Up Survey: Bodily Pain Question (Q7)	274	Beneficiary's response to Q7 from the *Cohort I Follow Up* survey: *How much bodily pain have you had during the past 4 weeks?* 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe 6 = Very severe
133	Follow Up Survey: Pain Interfering with Work Question (Q8)	275	Beneficiary's response to Q8 from the *Cohort I Follow Up* survey: *During the past 4 weeks, how much did pain interfere with your normal work?* 1 = Not at All 2 = A little bit 3 = Moderately 4 = Quite a bit 5 = Extremely
134	Follow Up Survey: Full of Pep Question (Q9a)	276	Beneficiary's response to Q9a from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* Did you feel full of pep? 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
135	Follow Up Survey: Nervous Question (Q9b)	277	Beneficiary's response to Q9b from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* Have you been a very nervous person? 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
136	Follow Up Survey: Down in the Dumps Question (Q9c)	278	Beneficiary's response to Q9c from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* Have you felt so down in the dumps that nothing could cheer you up? 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
137	Follow Up Survey: Calm and Peaceful Question (Q9d)	279	Beneficiary's response to Q9d from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* Have you felt calm and peaceful? 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
138	Follow Up Survey: Lots of Energy Question (Q9e)	280	Beneficiary's response to Q9e from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* Did you have a lot of energy? 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
139	Follow Up Survey: Downhearted and Blue Question (Q9f)	281	Beneficiary's response to Q9f from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* Have you felt downhearted and blue? 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
140	Follow Up Survey: Feeling Worn Out Question (Q9g)	282	Beneficiary's response to Q9g from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* <u>Did you feel worn out</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
141	Follow Up Survey: Happy Question (Q9h)	283	Beneficiary's response to Q9h from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* <u>Have you been a happy person</u>? 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
142	Follow Up Survey: Feeling Tired Question (Q9i)	284	Beneficiary's response to Q9i from the *Cohort I Follow Up* survey: *How much of the time during the past 4 weeks…* <u>Did you feel tired</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
143	Follow Up Survey: Amount of Time Health Interfering with Social Activities Question (Q10)	285	Beneficiary's response to Q10 from the *Cohort I Follow Up* survey: *During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities?* 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
144	Follow Up Survey: Sick Easier Question (Q11a)	286	Beneficiary's response to Q11a from the *Cohort I Follow Up* survey: *How true or false is each of the following statements for you?* <u>I seem to get sick a little easier than other people</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
145	Follow Up Survey: As Healthy Question (Q11b)	287	Beneficiary's response to Q11b from the *Cohort I Follow Up* survey: *How true or false is each of the following statements for you?* <u>I am as healthy as anybody I know</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
146	Follow Up Survey: Future Health Question (Q11c)	288	Beneficiary's response to Q11c from the *Cohort I Follow Up* survey: *How true or false is each of the following statements for you?* <u>I expect my health to get worse</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
147	Follow Up Survey: Excellent Health Question (Q11d)	289	Beneficiary's response to Q11d from the *Cohort I Follow Up* survey: *How true or false is each of the following statements for you?* <u>My health is excellent</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
148	Follow Up Survey: Bathing Question (Q12a)	290	Beneficiary's response to Q12a from the *Cohort I Follow Up* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* <u>Bathing</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
149	Follow Up Survey: Dressing Question (Q12b)	291	Beneficiary's response to Q12b from the *Cohort I Follow Up* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* <u>Dressing</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
150	Follow Up Survey: Eating Question (Q12c)	292	Beneficiary's response to Q12c from the *Cohort I Follow Up* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* <u>Eating</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
151	Follow Up Survey: Getting In/Out of Chairs Question (Q12d)	293	Beneficiary's response to Q12d from the *Cohort I Follow Up* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* <u>Getting in or out of chairs</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
152	Follow Up Survey: Walking Question (Q12e)	294	Beneficiary's response to Q12e from the *Cohort I Follow Up* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* <u>Walking</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
153	Follow Up Survey: Using the Toilet Question (Q12f)	295	Beneficiary's response to Q12f from the *Cohort I Follow Up* survey: *Because of a health or physical problem, do you have any difficulty doing the following activities?* <u>Using the toilet</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty

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

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
158	Follow Up Survey: Dyspnea when Walking Less than One Block Question (Q14c)	300	Beneficiary's response to Q14c from the *Cohort I Follow Up* survey: *During the past 4 weeks, how often have you felt short of breath under the following conditions?* <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
159	Follow Up Survey: Dyspnea when Climbing One Flight of Stairs Question (Q14d)	301	Beneficiary's response to Q14d from the *Cohort I Follow Up* survey: *During the past 4 weeks, how often have you felt short of breath under the following conditions?* <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
160	Follow Up Survey: Numbness in Feet Question (Q15a)	302	Beneficiary's response to Q15a from the *Cohort I Follow Up* survey: *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?* <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
161	Follow Up Survey: Ankle/Leg Edema Question (Q15b)	303	Beneficiary's response to Q15b from the *Cohort I Follow Up* survey: *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?* <u>Ankles/legs that swell as the day goes on</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
162	Follow Up Survey: Foot Tingling/Burning Question (Q15c)	304	Beneficiary's response to Q15c from the *Cohort I Follow Up* survey: *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?* <u>Tingling or burning in your feet especially at night</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
163	Follow Up Survey: Decreased Temperature Sensation in Feet Question (Q15d)	305	Beneficiary's response to Q15d from the *Cohort I Follow Up* survey: *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?* <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
164	Follow Up Survey: Sores/Wounds on Feet Question (Q15e)	306	Beneficiary's response to Q15e from the *Cohort I Follow Up* survey: *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?* <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
165	Follow Up Survey: Hemiparalysis/Weakness Question (Q16a)	307	Beneficiary's response to Q16a from the *Cohort I Follow Up* survey: *Have you ever had paralysis or weakness on one side of the body?* 1 = Yes, I have it 2 = Yes, but it went away 3 = No
166	Follow Up Survey: Lost Ability to Talk Question (Q16b)	308	Beneficiary's response to Q16b from the *Cohort I Follow Up* survey: *Have you ever lost the ability to talk?* 1 = Yes, I have lost it 2 = Yes, but it returned 3 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
167	Follow Up Survey: Vision Question (Q17)	309	Beneficiary's response to Q17 from the *Cohort I Follow Up* survey: *Can you see well enough to read newspaper print?* 1 = Yes 2 = No
168	Follow Up Survey: Hearing Question (Q18)	310	Beneficiary's response to Q18 from the *Cohort I Follow Up* survey: *Can you hear most of the things people say?* 1 = Yes 2 = No
169	Follow Up Survey: Acid Indigestion Question (Q19)	311	Beneficiary's response to Q19 from the *Cohort I Follow Up* survey: *Do you now have acid indigestion or heartburn?* 1 = Yes 2 = No
170	Follow Up Survey: Difficulty Controlling Urination Question (Q20)	312	Beneficiary's response to Q20 from the *Cohort I Follow Up* survey: *Do you have difficulty controlling urination?* 1 = Yes 2 = No
171	Follow Up Survey: Hypertension Question (Q21)	313	Beneficiary's response to Q21 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Hypertension or high blood pressure 1 = Yes 2 = No
172	Follow Up Survey: Angina/Coronary Artery Disease Question (Q22)	314	Beneficiary's response to Q22 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Angina or coronary artery disease 1 = Yes 2 = No
173	Follow Up Survey: Congestive Heart Failure Question (Q23)	315	Beneficiary's response to Q23 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Congestive heart failure 1 = Yes 2 = No
174	Follow Up Survey: Myocardial Infarction Question (Q24)	316	Beneficiary's response to Q24 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* A myocardial infarction or heart attack 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
175	Follow Up Survey: Other Cardiac Conditions Question (Q25)	317	Beneficiary's response to Q25 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Other heart conditions… 1 = Yes 2 = No
176	Follow Up Survey: Stroke Question (Q26)	318	Beneficiary's response to Q26 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Stroke 1 = Yes 2 = No
177	Follow Up Survey: COPD Question (Q27)	319	Beneficiary's response to Q27 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Emphysema, asthma, or COPD 1 = Yes 2 = No
178	Follow Up Survey: Inflammatory Bowel Disease Question (Q28)	320	Beneficiary's response to Q28 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Crohn's disease, ulcerative colitis, or inflammatory bowel disease 1 = Yes 2 = No
179	Follow Up Survey: Arthritis of Hip/Knee Question (Q29)	321	Beneficiary's response to Q29 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Arthritis of the hip or knee 1 = Yes 2 = No
180	Follow Up Survey: Arthritis of Hand/Wrist Question (Q30)	322	Beneficiary's response to Q30 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Arthritis of the hand or wrist 1 = Yes 2 = No
181	Follow Up Survey: Sciatica Question (Q31)	323	Beneficiary's response to Q31 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Sciatica 1 = Yes 2 = No
182	Follow Up Survey: Diabetes Question (Q32)	324	Beneficiary's response to Q32 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* Diabetes, high blood sugar, or sugar in the urine 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
183	Follow Up Survey: Any Cancer Question (Q33)	325	Beneficiary's response to Q33 from the *Cohort I Follow Up* survey: *Has a doctor ever told you that you had:* <u>Any cancer (other than skin cancer)</u> 1 = Yes 2 = No
184	Follow Up Survey: Arthritis Pain Question (Q34)	326	Beneficiary's response to Q34 from the *Cohort I Follow Up* survey: *If you answered "yes" to questions 29 or 30 above (that you have arthritis), During the past 4 weeks, how would you describe the arthritis pain you usually had?* 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe
185	Follow Up Survey: Colorectal Cancer Treatment Question (Q35a)	327	Beneficiary's response to Q35a from the *Cohort I Follow Up* survey: *If you answered "yes" to question 33 above (that you have had cancer), Are you currently under treatment for:* <u>Colon or rectal cancer</u> 1 = Yes 2 = No
186	Follow Up Survey: Lung Cancer Treatment Question (Q35b)	328	Beneficiary's response to Q35b from the *Cohort I Follow Up* survey: *If you answered "yes" to question 33 above (that you have had cancer), Are you currently under treatment for:* <u>Lung cancer</u> 1 = Yes 2 = No
187	Follow Up Survey: Breast Cancer Treatment Question (Q35c)	329	Beneficiary's response to Q35c from the *Cohort I Follow Up* survey: *If you answered "yes" to question 33 above (that you have had cancer), Are you currently under treatment for:* <u>Breast cancer</u> 1 = Yes 2 = No
188	Follow Up Survey: Prostate Cancer Treatment Question (Q35d)	330	Beneficiary's response to Q35d from the *Cohort I Follow Up* survey: *If you answered "yes" to question 33 above (that you have had cancer), Are you currently under treatment for:* <u>Prostate cancer</u> 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
189	Follow Up Survey: Low Back Pain Question (Q36)	331	Beneficiary's response to Q36 from the *Cohort I Follow Up* survey: *In the past 4 weeks, how often has low back pain interfered with your usual daily activities?* 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
190	Follow Up Survey: Pain, Numbness, Tingling Down Leg Question (Q37)	332	Beneficiary's response to Q37 from the *Cohort I Follow Up* survey: *In the past 4 weeks, how often did you have pain, numbness, or tingling that travels down your leg and below your knee?* 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
191	Follow Up Survey: Two Weeks of Depression Question (Q38)	333	Beneficiary's response to Q38 from the *Cohort I Follow Up* survey: *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?* 1 = Yes 2 = No
192	Follow Up Survey: Depression Much of the Time Question (Q39)	334	Beneficiary's response to Q39 from the *Cohort I Follow Up* survey: *In the past year, have you felt depressed or sad much of the time?* 1 = Yes 2 = No
193	Follow Up Survey: Depression Most of the Time Question (Q40)	335	Beneficiary's response to Q40 from the *Cohort I Follow Up* survey: *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?* 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
194	Follow Up Survey: Comparative Health Question (Q41)	336	Beneficiary's response to Q41 from the *Cohort I Follow Up* survey: *In general, compared to other people your age, would you say that your health is:* 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor
195	Follow Up Survey: Smoked 100 Cigarettes Question (Q42)	337	Beneficiary's response to Q42 from the *Cohort I Follow Up* survey: *Have you ever smoked at least 100 cigarettes in your entire life?* 1 = Yes (Go to Q43) 2 = No (Go to Q46) 3 = Don't know (Go to Q46)
196	Follow Up Survey: Current Smoker Question (Q43)	338	Beneficiary's response to Q43 from the *Cohort I Follow Up* survey: *Do you now smoke every day, some days, or not at all?* 1 = Every day (Go to Q45) 2 = Some days (Go to Q45) 3 = Not at all (Go to Q44) 4 = Don't know (Go to Q46)
197	Follow Up Survey: Quit Smoking Question (Q44)	339	Beneficiary's response to Q44 from the *Cohort I Follow Up* survey: *How long has it been since you quit smoking cigarettes?* 1 = Less than 6 months (Go to Q45) 2 = 6 months or more (Go to Q46) 3 = Don't know (Go to Q46)
198	Follow Up Survey: Smoking Advice Question (Q45)	340	Beneficiary's response to Q45 from the *Cohort I Follow Up* survey: *In the last 6 months, on how many visits were you advised to quit smoking by a doctor or other health provider in your plan?* 1 = None 2 = 1 visit 3 = 2 to 4 visits 4 = 5 to 9 visits 5 = 10 or more visits 6 = I had no visits in the last 6 months
199	Follow Up Survey: Survey Reported Year of Birth Question (Q46)	341-344	Beneficiary's response to Q46 from the *Cohort I Follow Up* survey: *In what year were you born?*
200	Follow Up Survey: Survey Reported Gender Question (Q47)	345	Beneficiary's response to Q47 from the *Cohort I Follow Up* survey: *Are you male or female?* 1 = Male 2 = Female

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
201	Follow Up Survey: Hispanic Question (Q48)	346	Beneficiary's response to Q48 from the *Cohort I Follow Up* survey: *Are you of Hispanic or Spanish family background?* 1 = Yes 2 = No
202	Follow Up Survey: Survey Reported Race Question (Q49)	347	Beneficiary's response to Q49 from the *Cohort I Follow Up* survey: *How would you describe your race?* 1 = American Indian or Alaskan Native 2 = Asian or Pacific Islander 3 = Black or African American 4 = White 5 = Another race or multiracial
203	Follow Up Survey: Marital Status Question (Q50)	348	Beneficiary's response to Q50 from the *Cohort I Follow Up* survey: *What is your current marital status?* 1 = Married 2 = Divorced 3 = Separated 4 = Widowed 5 = Never married
204	Follow Up Survey: Education Question (Q51)	349	Beneficiary's response to Q51 from the *Cohort I Follow Up* survey: *What is the highest grade or level of school that you have completed?* 1 = 8th grade or less 2 = Some high school, but did not graduate 3 = High school graduate or GED 4 = Some college or 2 year college degree 5 = 4 year college graduate 6 = More than a 4 year college degree
205	Follow Up Survey: Housing Question (Q52)	350	Beneficiary's response to Q52 from the *Cohort I Follow Up* survey: *Is the house or apartment you currently live in:* 1 = Owned or being bought by you 2 = Owned or being bought by someone in your family other than you 3 = Rented for money 4 = Not owned and one in which you live without payment of rent
206	Follow Up Survey: Retirement Community Question (Q53)	351	Beneficiary's response to Q53 from the *Cohort I Follow Up* survey: *Is this house or apartment in a retirement community, building or complex?* 1 = Yes 2 = No

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
207	Follow Up Survey: Retirement Community Medical Services Question (Q54)	352	Beneficiary's response to Q54 from the *Cohort I Follow Up* survey: *If you answered "yes" to question 53 above,* *Does this retirement community/building/ facility provide medical services?* 1 = Yes 2 = No
208	Follow Up Survey: Who Completed this Survey Question (Q55)	353	Beneficiary's response to Q55 from the *Cohort I Follow Up* survey: *Who completed this survey form?* 1 = Person to whom survey was addressed 2 = Family member or relative of person to whom the survey was addressed 3 = Friend of person to whom the survey was addressed 4 = Professional caregiver of person to whom the survey was addressed
209	Follow Up Survey: Household Income Question (Q57)	354-355	Beneficiary's response to Q57 from the *Cohort I Follow Up* survey: *Which of the following categories best represents the combined income for all family members in your household for the past 12 months?* 1 = Less than $5,000 2 = $5,000 - $9,999 3 = $10,000 - $19,999 4 = $20,000 - $29,999 5 = $30,000 - $39,999 6 = $40,000 - $49,999 7 = $50,000 - $79,999 8 = $80,000 - $99,999 9 = $100,000 or more 10 = Don't know
210	Survey Response Indicator for Mail/Telephone Responses at Baseline	356	Beneficiary completed a: 1 = Mail Survey at Baseline 2 = Telephone Survey at Baseline
211	Survey Response Indicator for Mail/Telephone Responses at Follow Up	357	Beneficiary completed a: 1 = Mail Survey at Follow Up 2 = Telephone Survey at Follow Up
	Date Baseline Survey Completed *This information was not collected during the Cohort I Baseline survey administration.*		
212	Date Follow Up Survey Completed	368-377	MM/DD/YYYY format

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

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
220	Health Insurance Claim (HIC) Number	402-413	Unique identifier used to identify each beneficiary. This was the beneficiary level unit of analysis for the Performance Measurement Report.
221	Beneficiary's Last Name	414-426	Beneficiary's last name from the baseline member level record.
222	Beneficiary's Middle Initial	427	Beneficiary's middle initial from the baseline member level record.
223	Beneficiary's First Name	428-442	Beneficiary's first name from the baseline member level record.
224	Beneficiary's Baseline Mailing Address	443-574	Beneficiary's mailing address from the baseline member level record.
225	Beneficiary's Baseline Social Security Administration (SSA) State Code	575-576	Beneficiary's SSA state code from the baseline member level record.
226	Beneficiary's Baseline SSA County Code	577-579	Beneficiary's SSA county code from the baseline member level record.
227	Beneficiary's Baseline SSA State Two Letter Abbreviation	580-581	Beneficiary's two letter state abbreviation based on the baseline SSA state code.
228	Beneficiary's Baseline SSA County Name	582-606	Beneficiary's county name based on the baseline SSA county code.
229	Beneficiary's Baseline ZIP Code	607-616	Beneficiary's ZIP code from the baseline member level record.
230	Beneficiary's Follow Up Mailing Address	617-748	Beneficiary's mailing address from the follow up member level record.
231	Beneficiary's Follow Up SSA State Code	749-750	Beneficiary's SSA state code from the follow up member level record.
232	Beneficiary's Follow Up SSA County Code	751-753	Beneficiary's SSA county code from the follow up member level record.
233	Beneficiary's Follow Up SSA State Two Letter Abbreviation	754-755	Beneficiary's two letter state abbreviation based on the follow up SSA state code.
234	Beneficiary's Follow Up SSA County Name	756-780	Beneficiary's county name based on the follow up SSA county code.
235	Beneficiary's Follow Up ZIP Code	781-790	Beneficiary's ZIP code from the follow up member level record.

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

VAR #	FIELD DESCRIPTION	FIELD POSITION	ADDITIONAL INFORMATION AND VALID VALUES
244	Baseline Survey: Name of Person Completing Question (Q58)	809-858	Beneficiary's response to Q58 from the *Cohort I Baseline* survey: *What is the name of the person who completed this survey form?*
245	Beneficiary's Follow Up Race	859	Beneficiary's race from the follow up member level record. This information is derived from CMS' EDB. 0 = Unknown 1 = White 2 = Black 3 = Other 4 = Asian 5 = Hispanic 6 = North American Native
246	Beneficiary's Follow Up Gender	860	Beneficiary's gender from the follow up member level record. This information is derived from CMS' EDB. 1 = Male 2 = Female
247	Beneficiary's Follow Up Date of Birth	861-870	Beneficiary's date of birth (DOB) from the follow up member level record. This information is derived from CMS' EDB. MM/DD/YYYY format
248	Beneficiary's Follow Up ESRD Status	871	Beneficiary's End Stage Renal Disease (ESRD) status at follow up. This information is derived from CMS' EDB. 0 = No ESRD 1 = ESRD
249	Beneficiary's Follow Up Institutional Status	872	Beneficiary's Institutional status at follow up. This information is derived from CMS' EDB. 0 = Out of institution 1 = Institutionalized 2 = Eligible for nursing home care
250	Beneficiary's Follow Up Hospice Status	873	Beneficiary's Hospice status at follow up. This information is derived from CMS' EDB. 0 = No hospice start date present 1 = Hospice start date present
251	Beneficiary's Follow Up Medicaid Status	874	Beneficiary's Medicaid status at follow up. This information is derived from CMS' EDB. 0 = Out of Medicaid 1 = In Medicaid

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