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DATA
USER'S GUIDE

Cohort VI Baseline
2003

MEDICARE HEALTH

OUTCOMES SURVEY

CENTERS
FOR MEDICARE
& MEDICAID
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HEALTH
SERVICES
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Table of Contents

PREFACE	1
INTRODUCTION	2
BACKGROUND	
MEDICARE HEALTH OUTCOMES SURVEY INSTRUMENT	
SF-36 [®] HEALTH SURVEY	
ADDITIONAL QUESTIONS	
FIGURE 1: SF-36 [®] MEASUREMENT MODEL	
METHODOLOGY	6
SAMPLING METHODOLOGY	
SURVEY ADMINISTRATION	
DISTRIBUTION OF THE SAMPLE	
SCORING SF-36 [®] PHYSICAL AND MENTAL HEALTH SUMMARY MEASURES	
CASE MIX ADJUSTMENT	
TABLE 1: COVARIATES USED IN THE CASE MIX ADJUSTMENT OF SF-36 [®] MEASURES	
BASELINE DATA FILE CHARACTERISTICS	10
NEW FIELDS	
EXCLUDED FIELDS	
FIELD OVERVIEW	
BASELINE BENEFICIARY AND PLAN LEVEL FIELDS	
BASELINE NCQA PLAN LEVEL FIELDS	
BASELINE MEMBER LEVEL RECORD FIELDS	
BASELINE SURVEY FIELDS	
BASELINE SURVEY ADMINISTRATION FIELDS	
BASELINE ELAPSED SAS [®] DATES	
BASELINE ANALYTIC FIELDS	
BASELINE SF-36 [®] SCORES	
BASELINE REPORTING FIELD	
BASELINE PLAN CHARACTERISTICS FIELDS	
CAUTIONARY NOTES	
TECHNICAL ASSISTANCE	

APPENDIX A
Quality Assurance of the Data

A1

DATA RECEIPT

DATA EVALUATION AND PROCESSING

APPENDIX B
Baseline Data File Specifications

B1

DATA FILE LAYOUT BY POSITION

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.

This *Cohort VI Baseline Data User's Guide* is designed to assist individuals with the use of the beneficiary level *Cohort VI Baseline* data. The Data User's Guide includes a general overview of the survey background, instrument, and methodology, as well as a detailed listing of the fields included in the data file. These data are intended to support M+CO and Quality Improvement Organization (QIO) quality improvement activities.

Introduction

BACKGROUND

CMS is committed to monitoring the quality of care provided by M+COs. To better evaluate this care, 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 1998.¹ 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 who are disabled and not seniors (not age 65 or older) in the sampling methodology.

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

The HOS measure is an assessment of a health plan's ability to maintain or improve the physical and mental health functioning of its Medicare beneficiaries over a two-year period of time. The functional status of the elderly is known to decline over such a period.² The differences between the baseline and the two-year follow up physical and mental health scores are aggregated at the plan level, yielding HOS plan level Performance Measurement results. These results are specific to each individual plan. The HOS results are an important part of CMS' quality improvement activities, as current law authorizes QIOs to review the quality of care provided to Medicare beneficiaries. In addition, CMS includes the HOS results as one of the components of their performance assessment program. The Performance Measurement results for *Cohort VI* (scheduled for release in 2006) will incorporate data from the *Cohort VI 2003 Baseline* and 2005 *Follow Up* surveys.

The HOS *Cohort VI Baseline* Report, which was distributed in July 2004, is part of a larger effort by CMS to improve the health care industry's capacity to sustain and improve the health status and functioning of its Medicare population. The *Cohort VI Baseline* results are intended to assist M+COs and QIOs in identifying areas requiring potential improvement. The goal of the HOS program is to gather valid and reliable health status data in Medicare managed care for use in quality improvement activities, public reporting, plan accountability, and improvement of health outcomes.

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

² National Committee for Quality Assurance. *HEDIS[®] 2003, Volume 6: Specifications for the Medicare Health Outcomes Survey Manual*. Washington DC: NCQA Publication, 2003.

In 2003, CMS required all M+COs, continuing cost contractors, Social HMOs, and Medicare Choices Demonstration plans with contracts in place on or before January 1, 2002 to participate in the *Cohort VI Baseline* survey. In addition, all plans with contracts in place on or before January 1, 2000 that participated in the *Cohort IV Baseline* survey in 2001 were required to participate in the *Cohort IV Follow Up* survey in 2003.

The Program of All-inclusive Care for the Elderly (PACE) plans participated in the HOS from 1999 through 2002 (*Cohorts II through V Baseline*); however, beginning with the 2003 (*Cohort VI Baseline*) administration, PACE plans are no longer required to participate in the HOS. Instead, PACE plans administer the Medicare Health Survey for PACE and Evercare (MHSPE). The MHSPE is a brief instrument comprised of the SF-12^{®3}, a series of questions regarding activities of daily living (ADLs), and questions about the use of a proxy respondent.

MEDICARE HEALTH OUTCOMES SURVEY INSTRUMENT

The HOS instrument consists of the SF-36[®] Health Survey^{4, 5} and additional questions, which include but are not limited to those used for case mix/risk adjustment purposes.

SF-36[®] Health Survey

The SF-36[®] is a multipurpose, short-form health survey with only 36 questions. It yields an eight scale profile of scores, as well as physical and mental health summary measures. It is a generic measure, as opposed to one that targets a specific age, disease, or treatment group. As documented in more than 2,500 publications, the SF-36[®] has proven useful in both general and specific populations, comparing the relative burden of diseases, differentiating the health benefits produced by a wide range of different treatments, and screening individual patients. The 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.^{5, 6} Figure 1 on page 5 illustrates the taxonomy of items and concepts underlying the construction of the SF-36[®] summary measures, the Physical Component Summary (PCS) score and Mental Component Summary (MCS) score. The SF-36[®] is scored from 0 to 100 points, with higher scores indicating better functioning on both the individual scales and the summary measures. For additional information on the scoring of the SF-36[®], please refer to the Scoring SF-36[®] Physical and Mental Health Summary Measures subsection on page 7.

³ SF-12[®] is a registered trademark of the Medical Outcomes Trust.

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

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

⁶ 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.

Additional Questions

The HOS instrument also includes questions on demographics, chronic medical conditions, and ADLs, as well as other questions. Demographics include questions on beneficiary age, gender, race, education, marital status, and annual household income.

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

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

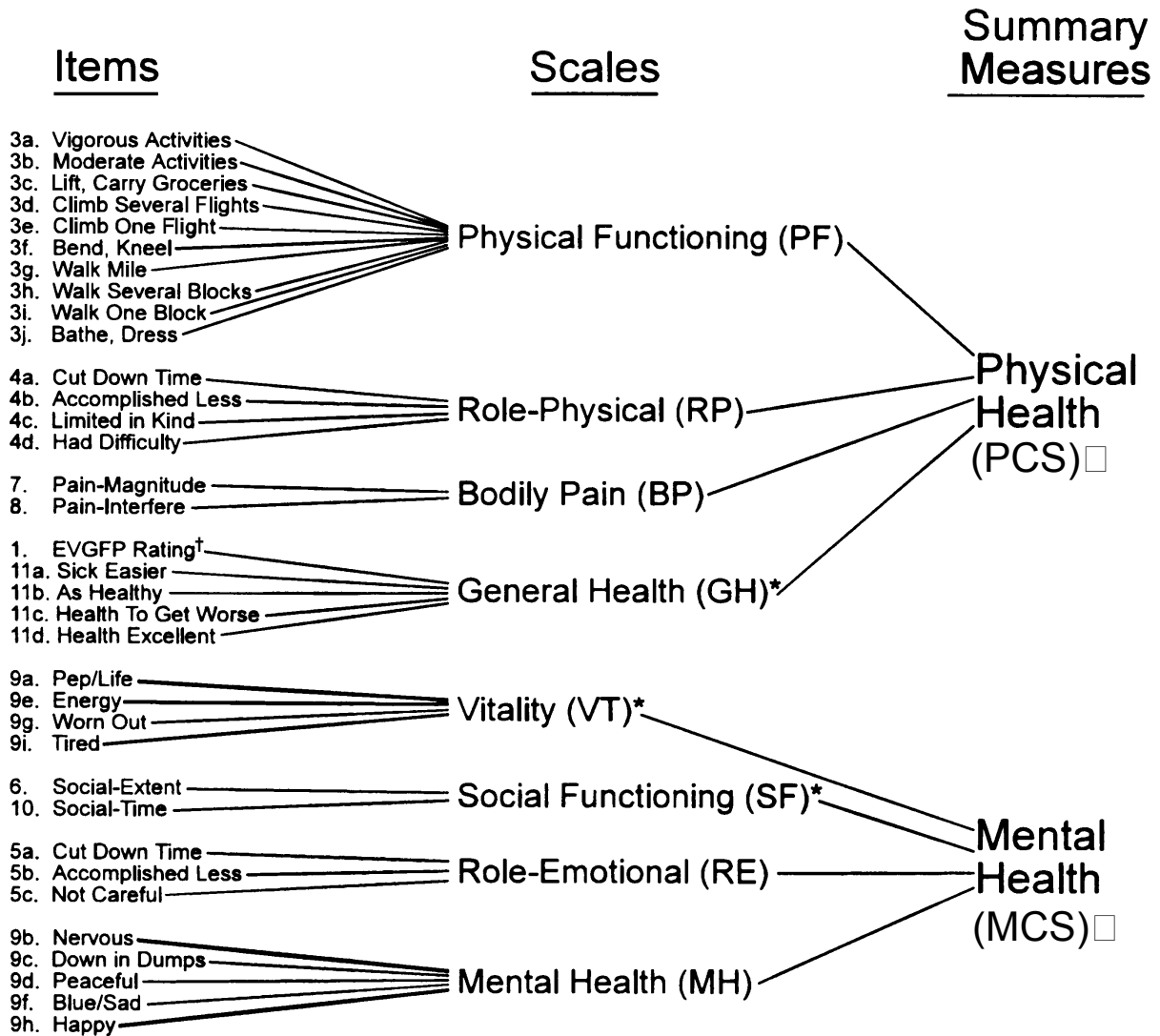
In addition to the questions outlined above, the HOS also includes other questions, which cover topics such as depression, smoking, and physical symptoms.

To increase the utility of the HOS, several new questions were incorporated into the 2003 HOS instrument. Three Healthy Days questions from the Centers for Disease Control and Prevention's (CDC) Behavioral Risk Factor Surveillance System (BRFSS) and four questions about the management of urinary incontinence were added to the HOS instrument. To accommodate the addition of these new questions while maintaining a survey of reasonable length, several questions were removed from the survey. Please refer to the Baseline Data File Characteristics section beginning on page 10 for additional information regarding the new and deleted survey items.

For further information on the Medicare HOS instrument, please refer to the *Cohort VI Baseline Report and HEDIS 2003, Volume 6*.⁷ In addition, copies of the HOS instrument can be obtained from the Medicare HOS Web site (<http://www.cms.hhs.gov/surveys/hos>).

⁷National Committee for Quality Assurance. *HEDIS[®] 2003, Volume 6: Specifications for the Medicare Health Outcomes Survey Manual*. Washington DC: NCQA Publication, 2003.

FIGURE 1: SF-36[®] Measurement Model



* Significant correlation with other summary measure

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

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

Methodology

SAMPLING METHODOLOGY

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

SURVEY ADMINISTRATION

M+COs must contract with an NCQA-certified HOS vendor to administer the survey. For *Cohort VI Baseline*, vendors followed the protocol contained in the HEDIS 2003, Volume 6 manual.⁸ The standard HEDIS protocol for administering the HOS employs a combination of mail and telephone survey administration. The mail component of the survey uses a standardized questionnaire, survey letters, and prenotification and reminder/thank you postcards. In those instances when beneficiaries fail to respond after the second mail survey, vendors attempt telephone follow up (with a maximum of six attempts). Vendors also perform telephone follow up for members who return an incomplete mail survey in order to obtain responses to missing questions. Vendors use a standardized version of a Computer Assisted Telephone Interviewing (CATI) script to collect telephone interview data for the survey. To ensure the standardization of the data collection process, vendors are prohibited from augmenting or adjusting the HOS protocol or instrument in any manner.

DISTRIBUTION OF THE SAMPLE

The 2003 *Cohort VI Baseline* Medicare HOS included a random sample of 161,409 beneficiaries, including both the aged and disabled, from 163 managed care plans. Of the 161,409 individuals sampled, 5,579 were determined to be invalid members during the survey administration. Invalid members of the sample met one of the following criteria: deceased; not enrolled in the M+CO; had an incorrect address and phone number; or had a language barrier. The removal of the invalid members from the total sample yielded an eligible sample of 155,830. This sample is referred to as the *Cohort VI Baseline eligible sample*. Of the 155,830

⁸National Committee for Quality Assurance. *HEDIS[®] 2003, Volume 6: Specifications for the Medicare Health Outcomes Survey Manual*. Washington DC: NCQA Publication, 2003.

beneficiaries in the eligible sample, 64.6% (100,669) returned a completed baseline survey. For the purposes of the *Cohort VI Baseline Report*, a completed survey was defined as one that could be used to calculate PCS and MCS scores.

The 155,830 members of the *Cohort VI Baseline eligible sample* included 144,874 seniors (age 65 or older). Of the 144,874 eligible seniors sampled, 94,012 had calculatable PCS and MCS scores. This group of seniors comprises the *Cohort VI Baseline analytic sample*. Beneficiaries included in the *Cohort VI Baseline analytic sample* can be identified in the *Cohort VI Baseline* data file with the analytic indicator field (C6ANALYT). **The analytic sample was the focus of all analyses within the *Cohort VI Baseline Report*.**

SCORING SF-36[®] PHYSICAL AND MENTAL HEALTH SUMMARY MEASURES

The eight scales and two summary measures are estimated using the scoring algorithms described by the developers of the SF-36[®] Health Survey.⁹ Briefly, these norm-based algorithms yield favorably scored (i.e., higher is better) measures that have a mean of 50 and a standard deviation of 10 in the general US population. For each scale, a score was calculated if at least 50% of the items in the scale were completed (commonly referred to as the “half-scale” rule).¹⁰ The two summary measures were calculated when all eight scales were not missing. For the PCS, a very high score indicates no physical limitations, disabilities or decline in well being; high energy level; and a rating of health as “excellent.” For the MCS, a very high score indicates 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 the PCS and MCS for the *Cohort VI Baseline* data file 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 in aggregating the eight scales to score the PCS and MCS measures are the original standardized weights recommended by the developers.⁹ Although the norm-based scoring algorithms have a mean of 50 and a standard deviation of 10, it is important to note that the 1998 general population elderly norms reflect a PCS mean score of 42.6 and an MCS mean score of 52.0.

Please note that for the HOS *Cohorts I, II, and III Baseline* data files, the means and standard deviations used in scoring the SF-36[®] summary measures came from the 1990 National Survey of Functional Health Status and utilized the “half scale” rule for imputing scale scores for those with missing data. For the *Cohorts I and II Performance Measurement* and *Cohort IV Baseline* data files, however, the means and standard deviations used in scoring the SF-36[®] summary measures came from the 1998 National Survey of Functional Health Status and utilized the

⁹ Ware JE, Kosinski M. *SF-36[®] Physical and Mental Health Summary Scales: A Manual for Users of Version 1, Second Edition*. Lincoln, RI: QualityMetric, 2001.

¹⁰ Ware JE, Snow KK, Kosinski M, Grandek B. *SF-36[®] Health Survey Manual and Interpretation Guide*. Boston, MA: New England Medical Center, The Health Institute, 1993.

missing data estimation (MDE) scoring utility, which imputed scores for those with missing data. For the *Cohort III* Performance Measurement and *Cohorts V* and *VI Baseline* data files, the means and standard deviations used in scoring the SF-36[®] scale and summary measures came from the 1998 National Survey of Functional Health Status and utilized the “half-scale” rule for imputing scale scores for those with missing data. Due to variations in the means and standard deviations used to score the SF-36[®] items, as well as in the imputation methodologies, **caution should be exercised when comparing scale scores and summary measures between various HOS data files.**

CASE MIX ADJUSTMENT

As described on the previous page, of the 144,874 eligible seniors sampled, 94,012 had calculatable PCS and MCS scores. Linear regression techniques were used to case mix adjust these scores for each beneficiary. In brief, models used to adjust the SF-36[®] scales and summary measures included variables to control for differences in demographic and socioeconomic characteristics, chronic medical conditions, and HOS study design variables. Demographic and socioeconomic variables included age, gender, race, education, marital status, and annual household income. Chronic medical conditions were measured with a checklist of 13 medical conditions. HOS study design variables included who completed the survey, the mode of survey administration, CMS plan region, and the survey vendor.¹¹

A series of three different models was used for each measure since all beneficiaries did not have completed data for all of the covariates. The most comprehensive model possible was used for each beneficiary. If beneficiaries had completed data for all of the covariates, then their adjusted scores were calculated using the model with all fields (Model One). If not, then the next most comprehensive model was used if the beneficiaries had completed data for all covariates except annual household income (Model Two). If the beneficiaries did not have enough completed data for Model One or Model Two, a third model was used, which was limited to age, gender, race, mode of survey administration, CMS plan region, and survey vendor (Model Three). The fields included in Model Three were available for all participating beneficiaries. One model was used for each beneficiary, and an adjusted score was calculated for every beneficiary. Table 1 on page 9 describes the covariates and models used in the case mix adjustment of the SF-36[®] measures.

For further information on the Medicare HOS methodology, please refer to the *Cohort VI Baseline* Report that was distributed in July 2004.

¹¹ Typically, CMS plan region is determined at the plan level and is assigned by the state in which a plan is reported. However, for one contract number, which was comprised of a national sample, the CMS region utilized in the *Cohort VI Baseline* case mix adjustment was determined at the individual beneficiary level and assigned by the beneficiary’s state of residence. For further information regarding the assignment of CMS plan region, please contact the Medicare HOS Information and Technical Support Telephone Line at (888) 880-0077 or e-mail address at hos@azqio.sdps.org.

**TABLE 1
COVARIATES USED IN THE CASE MIX ADJUSTMENT OF SF-36[®] MEASURES**

DEMOGRAPHICS COVARIATES	PCS AND MCS MODELS		
	One	Two	Three
Age (Continuous)	✓	✓	✓
Gender (Male or Female)	✓	✓	✓
Race (White, Black, Other Minority)	✓	✓	✓
Education	✓	✓	
Marital Status	✓	✓	
Annual Household Income	✓		
CHRONIC MEDICAL CONDITIONS			
Hypertension or high blood pressure	✓	✓	
Angina pectoris or coronary artery disease	✓	✓	
Congestive heart failure	✓	✓	
Myocardial infarction or heart attack	✓	✓	
Other heart conditions, such as problems with heart valves or arrhythmias	✓	✓	
Stroke	✓	✓	
Emphysema, or asthma, or COPD (Chronic Obstructive Pulmonary Disease)	✓	✓	
Crohn's disease, ulcerative colitis, or inflammatory bowel disease	✓	✓	
Arthritis of the hip or knee	✓	✓	
Arthritis of the hand or wrist	✓	✓	
Sciatica	✓	✓	
Diabetes, high blood sugar, or sugar in the urine	✓	✓	
Any cancer (other than skin cancer)	✓	✓	
HOS STUDY DESIGN VARIABLES			
Who Completed Survey (Self or Other)	✓	✓	
Mode of Survey Administration (Mail or Telephone)	✓	✓	✓
CMS Plan Region	✓	✓	✓
Survey Vendor	✓	✓	✓

Note: Model One included all covariates listed in Table 1 and was used for beneficiaries with completed data for all of the covariates. Model Two was used for beneficiaries with completed data for all of the covariates except annual household income. Model Three was limited to age, gender, race, mode of survey administration, CMS plan region, and survey vendor, and was used for beneficiaries who did not have enough completed data for Model One or Model Two. The variables included in Model Three were available for all participating beneficiaries.

Baseline Data File Characteristics

Each state level *Cohort VI Baseline* SAS[®] file was derived from a national sample of 161,409 Medicare beneficiaries, which included all survey respondents, non-respondents, and those individuals identified to be invalid members during the survey administration.^{12, 13} There are a total of 232 fields in the *Cohort VI Baseline* data file. A detailed summary of data evaluation and file production processes is included in Appendix A. A detailed list of the fields in the file is included in Appendix B.

This section describes new fields included in the *Cohort VI Baseline* data file, and fields that were included in previous baseline files but have been excluded from the *Cohort VI Baseline* data file. Please note, in addition to the new fields and excluded fields specifically outlined below, selected field attributes (i.e., type, length, and/or label) may have been modified for some fields included in the *Cohort VI Baseline* data file, when compared to the same field in previous HOS data files. Please refer to Appendix B for detailed information regarding all field attributes contained in the *Cohort VI Baseline* data file. This section also provides an overview of all the fields in the file.

NEW FIELDS

The following fields are new in the *Cohort VI Baseline* data file.

- Three Healthy Days questions from the CDC's BRFSS were added to the HOS instrument to allow comparisons between HOS and BRFSS results.
 - *Now, thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?* (C6PHYHTH)
 - *Now, thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?* (C6MENHTH)
 - *During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?* (C6PORHTH)

¹² SAS[®] is a registered trademark of SAS Institute Inc., Cary, NC.

¹³ Invalid members of the sample met one of the following criteria: deceased; not enrolled in the M+CO; had an incorrect address and phone number; or had a language barrier.

- Four questions about the management of urinary incontinence were added to the HOS instrument to support a new HEDIS measure. This new measure, Management of Urinary Incontinence (UI) in Older Adults, will be a part of the Effectiveness of Care domain of HEDIS.
 - *Many people experience problems with urinary incontinence (the leakage of urine). In the last six months, have you accidentally leaked urine?* (C6URNLKG)
 - *How much of a problem, if any, was the urine leakage for you?* (C6URNMAG)
 - *In the last six months, have you talked with a doctor or other health provider about your current urine leakage problem?* (C6URNDOC)
 - *There are many ways to treat urinary incontinence including bladder training, exercises, medication and surgery. In the last six months, have you received these or any other treatments for your current urine leakage problem?* (C6URNTRT)
- For respondents, an indicator field (C6DISP) was created to indicate if the survey was completed by mail (C6DISP = 1) or telephone (C6DISP = 2).

EXCLUDED FIELDS

Fields listed below were excluded from the *Cohort VI Baseline* data file because the fields were no longer applicable or the questions have been removed from the survey to accommodate the incorporation of the new questions listed above.

- The 2003 HOS administration did not utilize market areas for sampling or reporting, therefore, the market area name (C6MANAME) field is no longer applicable and was excluded from the data file.
- Because HOS results are no longer sampled or reported by market area, fields related to the assignment of reporting contract number (C6RPT_CN), reporting unit (C6RPTUNT), and reporting market area (C6RPT_MA) are also no longer applicable and were excluded from the data file.
- Three questions about physical symptoms were removed from the instrument. The first two questions concern general symptoms that were not useful for case mix adjustment. The third question significantly overlapped another question on sciatica.
 - *During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet? Ankles or legs that swell as the day goes on* (C6ANKSWL)
 - *Do you now have acid indigestion or heartburn?* (C6ACDING)
 - *In the past 4 weeks, how often did you have pain, numbness or tingling that travels down your leg and below your knee?* (C6NUMBLG)
- Two questions on living in a retirement community were removed from the instrument because NCQA determined that only a small number of respondents answered in the affirmative.
 - *Is this house or apartment in a retirement community, building or complex?* (C6RTRCOM)
 - *Does this retirement community/building/facility provide medical services?* (C6MDSVPV)

- Three Advising Smokers to Quit (ASTQ) questions were deleted from the instrument because the ASTQ HEDIS measure is calculated from responses to the Medicare CAHPS[®] survey, not from the HOS.¹⁴ The question about current smoking status (C6SMKFRQ, *Do you now smoke every day, some days, or not at all?*) remains in the HOS.
 - *Have you ever smoked at least 100 cigarettes in your entire life?* (C6SMK100)
 - *How long has it been since you quit smoking cigarettes?* (C6DRSQT)
 - *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?* (C6QSMKAD)

FIELD OVERVIEW

The following is a general description of fields included in the *Cohort VI Baseline* data file. The fields are listed in the order they appear in the SAS[®] data file.

Baseline Beneficiary and Plan Level Fields (Fields 1-4)

Data in this section include the Health Insurance Claim (HIC) number and anonymous beneficiary and plan identification numbers. The HIC number field (HICNUM) is derived from CMS' Medicare Enrollment Database (EDB) and is a unique identifier for each beneficiary. HICNUM was the beneficiary level unit of analysis for the *Cohort VI Baseline* Report.

Baseline NCQA Plan Level Fields (Fields 5-15)

Data in this section are taken from the header record of the *Cohort VI Baseline* M+CO data file. This section includes information about the M+CO contract number (C6CNTRNM), plan identifier (C6PLANID), plan name (C6PLANNM), market area (C6MARKET), and healthcare organization ID (C6HHTID) as assigned by NCQA. Beginning with the 2003 HOS administration, M+COs are no longer required to be sampled or reported by market area, therefore, the market area (C6MARKET) field is not applicable and was left blank in the *Cohort VI Baseline* data file. As a result of this change, the information contained in the contract number (C6CNTRNM) and plan identifier (C6PLANID) fields is identical. The contract number and plan identifier represent the member's plan assignment at the time of the baseline sampling in 2003. Please note that the contract number field (C6CNTRNM) was the plan level unit of analysis for the Medicare HOS *Cohort VI Baseline* Report (C6CNTRNM, N=163).

¹⁴ CAHPS[®] is a registered trademark of the Agency for Healthcare Research and Quality.

Baseline Member Level Record Fields (Fields 16-40)

Data in this section are taken from the member level record of the baseline file. These data were obtained from CMS' EDB at the time the sample files were created. Beneficiary address fields (mailing address, county, state, and ZIP code) are included in this section. Beneficiary race, gender, date of birth, and reason for entitlement are also included in this section. For beneficiaries who were members of *Cohort IV Baseline*, the field C6RESPC4 is the name provided for question 56 from the *Cohort IV Baseline* survey (“*What is the name of the person who completed this survey form?*”). C6SURIND indicates if a beneficiary was sampled for inclusion in *Cohort VI Baseline* only (1), *Cohort IV Follow Up* only (2), or *Cohort VI Baseline* and *Cohort IV Follow Up* (3).

Baseline Survey Fields (Fields 41-138)

This section contains survey information from the 57 questions comprising the HOS instrument. 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, demographics, and who completed the survey. The SF-36[®] portion of the survey (questions one and three through eleven in the HOS instrument) is used to obtain physical and mental health summary measures.

Baseline Survey Administration Fields (Fields 139-158)

For each beneficiary, the fields in this section include the disposition of the survey, the round in which the survey was obtained, the date the survey was completed, and the language in which the survey was completed. Other data in this section include a Spanish survey flag, a flag for beneficiaries who have requested to be excluded from future HOS surveys, fields which indicate beneficiaries of PACE or Chinese language plans, and an invalid survey flag. For respondents, a field (C6DISP) indicating whether the survey was completed by mail or telephone has also been included in this section. Other fields include the percentage of the survey that was completed, an indicator field for a “complete” survey (with at least 80% completion of the items), and indicator fields for mismatched race, year of birth, and gender that reveal inconsistent information between the CMS member level record and the respondent provided survey data.

Baseline Elapsed SAS[®] Dates (Fields 159-163)

This section provides elapsed SAS[®] dates for date of birth, accretion date, accretion limit, and two survey date fields. The original survey date field (C6ESVDAT) was included for all beneficiaries with a reported survey date. For beneficiaries with a missing survey date, elapsed survey dates were imputed utilizing the mean survey date by vendor and mode of administration. This imputation process was used to generate the field C6ESVDT2, which is equal to the original survey date (C6ESVDAT) except in those instances where a survey date has been imputed due to missing data. C6ESVDT2 is used for the calculation of age and other date-related fields for all beneficiaries within the *Cohort VI Baseline* file.

Baseline Analytic Fields (Fields 164-174)

Fields in this section are the baseline analytic fields used for analysis and reporting. An age field and a field that provides enrollment duration are included. Categorical fields in this section include age group, race group, and enrollment duration categories. Age (C6AGE) is calculated utilizing C6ESVDT2 and C6EDOB: $C6AGE = (C6ESVDT2 - C6EDOB)/365.25$.

The C6AGECAT field is created from C6AGE and is categorized into the following groups: Under 65 (0); 65 to 69 (1); 70 to 74 (2); 75 to 79 (3); and 80 or older (4). The C6RACEGP field combines CMS race categories (C6RACE) as follows: White (1); Black (2); and Other (3).

Baseline SF-36[®] Scores (Fields 175-220)

Included in this section are the unadjusted and adjusted SF-36[®] summary measures and scale scores used in the *Cohort VI Baseline* analysis and reporting, as well as several additional fields that are produced by the standard SF-36[®] scoring algorithm. These fields include the raw scale scores (positions 175-182); the percentage-based transformed scale scores (0 – 100, positions 183-190); the standardized scale scores (z scores, positions 191-198); the standardized summary measures (z scores, positions 199-200); the linear transformed standardized summary measures (positions 201-202); the linear transformed standardized scale scores (positions 203-210); and the case mix adjusted summary measures and scale scores (positions 211-220). All standardized summary measures and scale scores were based on the 1998 general US population norms derived from the 1998 National Survey of Functional Health Status.

Please note, the linear transformed standardized summary measures (positions 201-202) and the linear transformed standardized scale scores (positions 203-210) were the fields used in the *Cohort VI Baseline* analysis and reporting. In addition, these fields were utilized in the case mix adjustment modeling, which resulted in the case mix adjusted summary measures and scale scores (positions 211-220).

Baseline Reporting Field (Field 221)

Data in this section include the baseline analytic sample indicator (C6ANALYT), which is limited to beneficiaries who are seniors (age 65 or older) and who had calculatable PCS and MCS scores. This variable can be utilized to identify records that were included in the *Cohort VI Baseline* analytic sample.

Baseline Plan Characteristics Fields (Fields 222-232)

Data in this section provide plan characteristics, including plan type, plan description, plan state, and plan region. The information was obtained from the May 2003 CMS Monthly Report of Managed Care Health Plans (<http://cms.hhs.gov/healthplans/statistics/monthly>). The information links to the contract number field (C6CNTRNM). Please note that the plan state field (C6PLANST) was the state level unit of analysis for the *Cohort VI Baseline* Report.

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.
- ◆ Some demographic fields (birth year, race, and gender) were obtained from the CMS 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 fields.

TECHNICAL ASSISTANCE

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

Appendix A

Quality Assurance of the Data

DATA RECEIPT

The HOS *Cohort VI Baseline* data, as well as *Cohort IV Follow Up* data, were transmitted to Health Services Advisory Group (HSAG) from the National Committee for Quality Assurance (NCQA) on September 8, 2003. The data were transmitted on CD-ROM containing individual ACSII flat files for each *Cohort VI Baseline* participating plan. These plans included all Medicare + Choice Organizations (M+COs) and continuing cost contractors, Social HMOs, and Medicare Choices Demonstration plans with contracts in place on or before January 1, 2002. In total, 163 individual files were submitted containing 161,409 *Cohort VI Baseline* records and 71,549 *Cohort IV Follow Up* records. The ASCII flat files contained plan, beneficiary, and survey information as specified in HEDIS[®] 2003, Volume 6 (also referred to as the 2003 HOS Manual) and the 2003 NCQA Quality Assurance Plan (also referred to as the 2003 QAP).^{15, 16}

DATA EVALUATION AND PROCESSING

After all of the individual files were imported using SAS[®] and saved as unique SAS[®] data sets, they were concatenated to form a single HOS data file. To verify the presence of unique beneficiaries in the HOS *Cohort VI Baseline* data file, the file was examined for duplicate Health Insurance Claim (HIC) numbers. All fields in the data file were examined for consistency. All dates contained within the data file were verified to correspond to the appropriate range. Frequency distributions of all categorical fields as well as cross tabulations by vendor and mode of administration were performed to identify both out of range values and data shifts in value assignment. The survey fields such as survey disposition, round number, and survey language were assessed for accuracy and consistency. Finally, response consistency checks were performed to validate the integrity of the data. Throughout the data evaluation process, data issues were forwarded to NCQA on an ongoing basis for follow up and when appropriate, corrected data were incorporated into the data file.

An additional consistency check was performed which examined skip pattern violations. In many records, beneficiaries failed to correctly follow the skip patterns contained within the survey; however, no changes were made to any of the responses. **Caution should be exercised when examining data that utilize a skip pattern.**

¹⁵ National Committee for Quality Assurance. *HEDIS[®] 2003, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2003.

¹⁶ National Committee for Quality Assurance. *NCQA Quality Assurance Plan (QAP): 2003 Medicare Health Outcomes Survey Cohort 6 Baseline Administration and Cohort 4 Follow Up Administration*. Washington DC: NCQA Publication, Revised March 31, 2003.

After the HOS data file was cleaned and edited, the file was separated into two data files: (1) *Cohort VI Baseline* and (2) *Cohort IV Follow Up*. The fields contained in the data files were then assigned the standard naming scheme reflecting the time period during which the data were collected. For instance, all fields in the *Cohort VI Baseline* data file begin with “C6” with the exception of the field containing the HIC number. The “C” represents a Baseline Cohort (as opposed to “R” which indicates Remeasurement or Follow Up), and the “6” represents *Cohort VI*.

General plan characteristics information, which was incorporated into the *Cohort VI Baseline* data file, was downloaded from the May 2003 CMS Monthly Report of Managed Care Health Plans (<http://cms.hhs.gov/healthplans/statistics/monthly>). Plan specific fields included: type; model; population; description; CMS region; state; tax status; and contract start date. Duration of plan contract in years (C6PLDUR) was calculated and incorporated into the data file.

Upon completion of the HOS data evaluation and editing process, the final data set was produced. This final data set served as the source for fields used in the *Cohort VI Baseline* analysis and report.

Appendix B

Baseline Data File Specifications

DATA FILE LAYOUT BY POSITION

The following table describes the file layout by position for the *Cohort VI Baseline* data file. There are a total of 232 fields in the data file. The file is a SAS® data file and was generated using SAS® version 8.2.

In addition to the field number, the field name/description, type, length, 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.

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
1	HICNUM Health Insurance Claim (HIC) Number	Char	12	Unique beneficiary identifier derived from the CMS Medicare Enrollment Database (EDB) which was the beneficiary level unit of analysis for the <i>Cohort VI Baseline</i> Report
2	C6PATID Anonymous Beneficiary ID	Num	8	Unique number assigned to each beneficiary in the <i>Cohort VI Baseline</i> sample
3	C6PLAN Anonymous Plan ID	Num	8	Unique number assigned to each participating plan in the <i>Cohort VI Baseline</i> sample
4	C6RECID Record ID	Char	1	Record identifier containing a tilde character “~”
5	C6RPTYR Report Year	Num	8	Measurement year for the <i>Cohort VI Baseline</i> sample
6	C6CNTRNM Plan Contract Number	Char	5	Plan contract number representing the beneficiary’s plan assignment at the time of the <i>Cohort VI Baseline</i> sampling in 2003. This was the plan unit of analysis for the <i>Cohort VI Baseline</i> Report
7	C6PLANNM Plan Name	Char	50	Plan name from the <i>Cohort VI Baseline</i> header record
8	C6LNBUSS Plan Line of Business	Num	3	Plan line of business from the <i>Cohort VI Baseline</i> header record: 1 = HMO 2 = POS 3 = PPO
9	C6MODEL Plan Model Type	Num	3	Plan model type from the <i>Cohort VI Baseline</i> header record: 1 = Group 2 = IPA 3 = Mixed 4 = Network 5 = Staff 6 = Other

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
10	C6MARKET Plan Market Area	Char	2	CMS market area indicator, if applicable (field is blank since market area is not applicable for the <i>Cohort VI Baseline</i> survey)
11	C6VENDOR Survey Vendor	Num	3	<i>Cohort VI Baseline</i> survey vendors: 1 = DSS 2 = GHS 3 = Solucient 4 = Synovate 5 = DataStat, Inc.
12	C6HTHID Healthcare Organization ID	Char	7	Healthcare Organization ID assigned for the plan by NCQA
13	C6SUBID Submission ID	Char	6	Submission ID assigned for the plan by NCQA
14	C6SPECID Special Area ID	Char	10	Special Area ID assigned for the plan by NCQA
15	C6PLANID Plan ID	Char	6	Plan identifier representing the beneficiary's plan assignment at the time of the <i>Cohort VI Baseline</i> sampling in 2003.
16	C6FNAME Beneficiary's First Name	Char	15	Beneficiary's first name from the <i>Cohort VI Baseline</i> member level record
17	C6MI Beneficiary's Middle Initial	Char	1	Beneficiary's middle initial from the <i>Cohort VI Baseline</i> member level record
18	C6LNAME Beneficiary's Last Name	Char	24	Beneficiary's last name from the <i>Cohort VI Baseline</i> member level record
19	C6ADDRSS Beneficiary's Mailing Address	Char	132	Beneficiary's mailing address from the <i>Cohort VI Baseline</i> member level record
20	C6STATE Social Security Administration (SSA) State Code	Char	2	Beneficiary's SSA state code from the <i>Cohort VI Baseline</i> member level record
21	C6STABV SSA State Abbreviation	Char	2	Beneficiary's two letter state abbreviation based on the <i>Cohort VI Baseline</i> SSA state code (C6STATE)
22	C6STNAME State Name	Char	20	Beneficiaries SSA state name based on the <i>Cohort VI Baseline</i> SSA state code (C6STATE)
23	C6COUNTY SSA County Code	Char	3	Beneficiary's SSA county code from the <i>Cohort VI Baseline</i> member level record
24	C6CTNAME County Name	Char	25	Beneficiary's SSA county name based on the <i>Cohort VI Baseline</i> SSA county code (C6COUNTY)
25	C6ZIPCOD Beneficiary's ZIP Code	Char	9	Beneficiary's ZIP code from the <i>Cohort VI Baseline</i> member level record

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
26	C6RACE Beneficiary's Race	Num	3	Beneficiary's race from the <i>Cohort VI Baseline</i> 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
27	C6GENDER Beneficiary's Gender	Num	3	Beneficiary's gender from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: 1 = Male 2 = Female
28	C6SSN Beneficiary's Social Security Number	Char	9	Beneficiary's Social Security Number from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: (Nine digit number – without hyphens)
29	C6DOB Beneficiary's Date of Birth	Char	8	Beneficiary's date of birth from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: MMDDYYYY format
30	C6DOD Beneficiary's Date of Death	Char	8	Beneficiary's date of death from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: (field is blank for all records)
31	C6ACCRDT Beneficiary's Accretion Date	Char	8	Beneficiary's accretion date from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: MMDDYYYY format
32	C6TERMDT Beneficiary's Termination Date	Char	8	Beneficiary's termination date from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: MMDDYYYY format
33	C6ESRDID Beneficiary's End State Renal Disease (ESRD) Status	Num	3	Beneficiary's ESRD status from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: 0 = No ESRD 1 = ESRD
34	C6INSTUT Beneficiary's Institutional Status	Num	3	Beneficiary's institutional status from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: 0 = Out of institution 1 = Institutionalized 2 = Eligible for nursing home care

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
35	C6HOSPIC Beneficiary's Hospice Status	Num	3	Beneficiary's hospice status from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: 0 = No hospice start date present 1 = Hospice start date present
36	C6MEDICD Beneficiary's Medicaid Status	Num	3	Beneficiary's Medicaid status from the <i>Cohort VI Baseline</i> member level record. This information is derived from CMS' EDB: 0 = Out of Medicaid 1 = In Medicaid
37	C6RSENT Beneficiary's Reason for Entitlement	Num	3	Beneficiary's reason for entitlement from the <i>Cohort VI Baseline</i> member level record. 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
38	C6PROTIF Beneficiary's Protocol Identifier Flag	Num	3	Beneficiary's protocol identifier flag from the <i>Cohort VI Baseline</i> member level record: 1 = Follow Up (no proxy at baseline) 2 = Follow Up (proxy at baseline) 3 = Baseline 4 = Spanish 5 = Chinese
39	C6RESPC4 Beneficiary's Response to Q56 of the <i>Cohort IV Baseline</i> Survey	Char	50	Beneficiary's response to Q56 of the <i>Cohort IV Baseline</i> Survey: "What is the name of the person who completed this survey form?"
40	C6SURIND Survey Indicator	Num	3	Survey indicator: 1 = Baseline survey only 2 = Follow Up survey only 3 = Both Baseline and Follow Up surveys
41	C6GENHTH General Health Question (Q1)	Num	3	Beneficiary's response to Q1 from the <i>Cohort VI Baseline</i> survey: <i>In general, would you say your health is:</i> 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor
42	C6HTHTRN Health Transition Question (Q2)	Num	3	Beneficiary's response to Q2 from the <i>Cohort VI Baseline</i> survey: <i>Compared to one year ago, how would you rate your health in general now?</i> 1 = Much better now than one year ago 2 = Somewhat better now than one year ago 3 = About the same as one year ago 4 = Somewhat worse now than one year ago 5 = Much worse now than one year ago

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
43	C6VIGACT Vigorous Activities Question (Q3a)	Num	3	Beneficiary's response to Q3a from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Vigorous activities</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
44	C6MODACT Moderate Activities Question (Q3b)	Num	3	Beneficiary's response to Q3b from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Moderate activities</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
45	C6LIFT Lifting Groceries Question (Q3c)	Num	3	Beneficiary's response to Q3c from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Lifting or carrying groceries</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
46	C6CLMBSV Climbing Several Flights of Stairs Question (Q3d)	Num	3	Beneficiary's response to Q3d from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Climbing several flights of stairs</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
47	C6CLMBON Climbing One Flight of Stairs Question (Q3e)	Num	3	Beneficiary's response to Q3e from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Climbing one flight of stairs</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
48	C6BEND Bending, Kneeling, or Stooping Question (Q3f)	Num	3	Beneficiary's response to Q3f from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Bending, kneeling, or stooping</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
49	C6WLKMI Walking More than a Mile Question (Q3g)	Num	3	Beneficiary's response to Q3g from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Walking more than a mile</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
50	C6WLKBKS Walking Several Blocks Question (Q3h)	Num	3	Beneficiary's response to Q3h from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Walking several blocks</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
51	C6WLK1BK Walking One Block Question (Q3i)	Num	3	Beneficiary's response to Q3i from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Walking one block</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
52	C6BATHDR Bathing and Dressing Question (Q3j)	Num	3	Beneficiary's response to Q3j from the <i>Cohort VI Baseline</i> survey: <i>Does your health limit you in these activities? If so, how much?</i> <u>Bathing or dressing yourself</u> 1 = Yes, limited a lot 2 = Yes, limited a little 3 = No, not limited at all
53	C6PCUTTM Physical Health Limiting Time Spent on Activities Question (Q4a)	Num	3	Beneficiary's response to Q4a from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?</i> <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No
54	C6PACMPL Physical Health Limiting Amount Accomplished Question (Q4b)	Num	3	Beneficiary's response to Q4b from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?</i> <u>Accomplished less than you would like</u> 1 = Yes 2 = No

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
55	C6PLMTKW Physical Health Limiting the Kind of Activities Question (Q4c)	Num	3	Beneficiary's response to Q4c from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?</i> <u>Were limited in the kind of work or other activities</u> 1 = Yes 2 = No
56	C6PDIFWK Physical Health Causing Difficulty Performing Activities Question (Q4d)	Num	3	Beneficiary's response to Q4d from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of your physical health?</i> <u>Had difficulty performing the work or other activities</u> 1 = Yes 2 = No
57	C6ECUTTM Emotional Problems Limiting Time Spent on Activities Question (Q5a)	Num	3	Beneficiary's response to Q5a from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?</i> <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No
58	C6EACMPL Emotional Problems Limiting Amount Accomplished Question (Q5b)	Num	3	Beneficiary's response to Q5b from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?</i> <u>Accomplished less than you would like</u> 1 = Yes 2 = No
59	C6ENTCRF Emotional Problems Limiting Carefulness Question (Q5c)	Num	3	Beneficiary's response to Q5c from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, have you had problems with your work or other regular daily activities as a result of any emotional problems?</i> <u>Didn't do work or other activities as carefully as usual</u> 1 = Yes 2 = No

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
60	C6SOCLMT Extent Health Interfering with Social Activities Question (Q6)	Num	3	Beneficiary's response to Q6 from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, to what extent has your physical health or emotional problems interfered with your normal social activities with family, friends, neighbors, or groups?</i> 1 = Not at all 2 = Slightly 3 = Moderately 4 = Quite a bit 5 = Extremely
61	C6PNMAGT Bodily Pain Question (Q7)	Num	3	Beneficiary's response to Q7 from the <i>Cohort VI Baseline</i> survey: <i>How much bodily pain have you had during the past 4 weeks?</i> 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe 6 = Very severe
62	C6PNINTF Pain Interfering with Work Question (Q8)	Num	3	Beneficiary's response to Q8 from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how much did pain interfere with your normal work?</i> 1 = Not at all 2 = A little bit 3 = Moderately 4 = Quite a bit 5 = Extremely
63	C6FULPEP Full of Pep Question (Q9a)	Num	3	Beneficiary's response to Q9a from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Did you feel full of pep?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
64	C6NERVS Nervous Question (Q9b)	Num	3	Beneficiary's response to Q9b from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you been a very nervous person?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
65	C6DNDMPS Down in the Dumps Question (Q9c)	Num	3	Beneficiary's response to Q9c from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you felt so down in the dumps that nothing could cheer you up?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
66	C6PCEFUL Calm and Peaceful Question (Q9d)	Num	3	Beneficiary's response to Q9d from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you felt calm and peaceful?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
67	C6ENERGY Lots of Energy Question (Q9e)	Num	3	Beneficiary's response to Q9e from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Did you have a lot of energy?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time
68	C6BLSAD Downhearted and Blue Question (Q9f)	Num	3	Beneficiary's response to Q9f from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <u>Have you felt downhearted and blue?</u> 1 = All of the time 2 = Most of the time 3 = A good bit of the time 4 = Some of the time 5 = A little of the time 6 = None of the time

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
69	C6WRNOUT Feeling Worn Out Question (Q9g)	Num	3	Beneficiary's response to Q9g from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <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
70	C6HAPPY Happy Question (Q9h)	Num	3	Beneficiary's response to Q9h from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <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
71	C6TIRED Feeling Tired Question (Q9i)	Num	3	Beneficiary's response to Q9i from the <i>Cohort VI Baseline</i> survey: <i>How much of the time during the past 4 weeks...</i> <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
72	C6SCLACT Amount of Time Health Interfering with Social Activities Question (Q10)	Num	3	Beneficiary's response to Q10 from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities (like visiting with friends, relatives, etc.)?</i> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
73	C6SCKESY Sick Easier Question (Q11a)	Num	3	Beneficiary's response to Q11a from the <i>Cohort VI Baseline</i> survey: <i>How true or false is each of the following statements for you?</i> <u>I seem to get sick a little easier than other people</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
74	C6ASHLTH As Healthy Question (Q11b)	Num	3	Beneficiary's response to Q11b from the <i>Cohort VI Baseline</i> survey: <i>How true or false is each of the following statements for you?</i> <u>I am as healthy as anybody I know</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
75	C6HTHWSE Future Health Question (Q11c)	Num	3	Beneficiary's response to Q11c from the <i>Cohort VI Baseline</i> survey: <i>How true or false is each of the following statements for you?</i> <u>I expect my health to get worse</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
76	C6HTHEXT Excellent Health Question (Q11d)	Num	3	Beneficiary's response to Q11d from the <i>Cohort VI Baseline</i> survey: <i>How true or false is each of the following statements for you?</i> <u>My health is excellent</u> 1 = Definitely true 2 = Mostly true 3 = Don't know 4 = Mostly false 5 = Definitely false
77	C6DIFBTH Bathing Question (Q12a)	Num	3	Beneficiary's response to Q12a from the <i>Cohort VI Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Bathing</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
78	C6DIFDRS Dressing Question (Q12b)	Num	3	Beneficiary's response to Q12b from the <i>Cohort VI Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Dressing</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
79	C6DIFEAT Eating Question (Q12c)	Num	3	Beneficiary's response to Q12c from the <i>Cohort VI Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Eating</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
80	C6DIFCHR Getting In or Out of Chairs Question (Q12d)	Num	3	Beneficiary's response to Q12d from the <i>Cohort VI Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Getting in or out of chairs</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
81	C6DIFWLK Walking Question (Q12e)	Num	3	Beneficiary's response to Q12e from the <i>Cohort VI Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Walking</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty
82	C6DIFTOL Using the Toilet Question (Q12f)	Num	3	Beneficiary's response to Q12f from the <i>Cohort VI Baseline</i> survey: <i>Because of a health or physical problem, do you have any difficulty doing the following activities?</i> <u>Using the toilet</u> 1 = I am unable to do this activity 2 = Yes, I have difficulty 3 = No, I do not have difficulty

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83	C6PHYHTH Number of Days Physical Health Not Good (Q13)	Char	2	Beneficiary's response to Q13 from the <i>Cohort VI Baseline</i> survey: <i>Now, thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?</i>
84	C6MENHTH Number of Days Mental Health Not Good (Q14)	Char	2	Beneficiary's response to Q14 from the <i>Cohort VI Baseline</i> survey: <i>Now, thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?</i>
85	C6PORHTH Number of Days Health Interfered with Daily Activities (Q15)	Char	2	Beneficiary's response to Q15 from the <i>Cohort VI Baseline</i> survey: <i>During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?</i>
86	C6CPNEXR Chest Pain or Pressure During Exercise Question (Q16a)	Num	3	Beneficiary's response to Q16a from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how often have you had any of the following problems?</i> <u>Chest pain or pressure when you exercise</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
87	C6CPNRST Chest Pain or Pressure When Resting Question (Q16b)	Num	3	Beneficiary's response to Q16b from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how often have you had any of the following problems?</i> <u>Chest pain or pressure when resting</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
88	C6SOBFLT Shortness of Breath When Lying Flat Question (Q17a)	Num	3	Beneficiary's response to Q17a from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When lying down flat</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
89	C6SOBSIT Shortness of Breath When Sitting or Resting Question (Q17b)	Num	3	Beneficiary's response to Q17b from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When sitting or resting</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
90	C6SOBWLK Shortness of Breath When Walking Less than One Block Question (Q17c)	Num	3	Beneficiary's response to Q17c from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When walking less than one block</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
91	C6SOBSTR Shortness of Breath When Climbing One Flight of Stairs Question (Q17d)	Num	3	Beneficiary's response to Q17d from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how often have you felt short of breath under the following conditions?</i> <u>When climbing one flight of stairs</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
92	C6NMBFET Numbness in Feet Question (Q18a)	Num	3	Beneficiary's response to Q18a from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?</i> <u>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

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93	C6TINGFT Foot Tingling or Burning Question (Q18b)	Num	3	Beneficiary's response to Q18b from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?</i> <u>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
94	C6DECSNS Decreased Temperature Sensation in Feet Question (Q18c)	Num	3	Beneficiary's response to Q18c from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?</i> <u>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
95	C6DECHEL Sores or Wounds on Feet Question (Q18d)	Num	3	Beneficiary's response to Q18d from the <i>Cohort VI Baseline</i> survey: <i>During the past 4 weeks, how much of the time have you had any of the following problems with your legs and feet?</i> <u>Sores or wounds on your feet that did not heal</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
96	C6PARLYS Paralysis or Weakness Question (Q19a)	Num	3	Beneficiary's response to Q19a from the <i>Cohort VI Baseline</i> survey: <i>Have you ever had paralysis or weakness on one side of the body?</i> 1 = Yes, I have it 2 = Yes, but it went away 3 = No
97	C6LSTTLK Lost Ability to Talk Question (Q19b)	Num	3	Beneficiary's response to Q19b from the <i>Cohort VI Baseline</i> survey: <i>Have you ever lost the ability to talk?</i> 1 = Yes, I have lost it 2 = Yes, but it returned 3 = No

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98	C6RDNEW Vision Question (Q20)	Num	3	Beneficiary's response to Q20 from the <i>Cohort VI Baseline</i> survey: <i>Can you see well enough to read newspaper print (with your glasses or contacts if that's how you see best)?</i> 1 = Yes 2 = No
99	C6HRMOST Hearing Question (Q21)	Num	3	Beneficiary's response to Q21 from the <i>Cohort VI Baseline</i> survey: <i>Can you hear most of the things people say (with a hearing aid if that's how you hear best)?</i> 1 = Yes 2 = No
100	C6CTRURN Difficulty Controlling Urination Question (Q22)	Num	3	Beneficiary's response to Q22 from the <i>Cohort VI Baseline</i> survey: <i>Do you have difficulty controlling urination?</i> 1 = Yes 2 = No
101	C6HIGHBP Hypertension Question (Q23)	Num	3	Beneficiary's response to Q23 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Hypertension or high blood pressure</u> 1 = Yes 2 = No
102	C6ANGCAD Angina Pectoris or Coronary Artery Disease Question (Q24)	Num	3	Beneficiary's response to Q24 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Angina pectoris or coronary artery disease</u> 1 = Yes 2 = No
103	C6CHF Congestive Heart Failure Question (Q25)	Num	3	Beneficiary's response to Q25 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Congestive heart failure</u> 1 = Yes 2 = No
104	C6AMI Myocardial Infarction Question (Q26)	Num	3	Beneficiary's response to Q26 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>A myocardial infarction or heart attack</u> 1 = Yes 2 = No

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105	C6OTHHRT Other Heart Conditions Question (Q27)	Num	3	Beneficiary's response to Q27 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Other heart conditions, such as problems with heart valves or the rhythm of your heartbeat</u> 1 = Yes 2 = No
106	C6STROKE Stroke Question (Q28)	Num	3	Beneficiary's response to Q28 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>A stroke</u> 1 = Yes 2 = No
107	C6COPD_E COPD Question (Q29)	Num	3	Beneficiary's response to Q29 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Emphysema, or asthma, or COPD</u> 1 = Yes 2 = No
108	C6GI_ETC Inflammatory Bowel Disease Question (Q30)	Num	3	Beneficiary's response to Q30 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Crohn's disease, ulcerative colitis, or inflammatory bowel disease</u> 1 = Yes 2 = No
109	C6ATHHIP Arthritis of Hip or Knee Question (Q31)	Num	3	Beneficiary's response to Q31 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Arthritis of the hip or knee</u> 1 = Yes 2 = No
110	C6ATHHAN Arthritis of Hand or Wrist Question (Q32)	Num	3	Beneficiary's response to Q32 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Arthritis of the hand or wrist</u> 1 = Yes 2 = No
111	C6SCIATC Sciatica Question (Q33)	Num	3	Beneficiary's response to Q33 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Sciatica</u> 1 = Yes 2 = No

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112	C6DIABET Diabetes Question (Q34)	Num	3	Beneficiary's response to Q34 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Diabetes, high blood sugar, or sugar in the urine</u> 1 = Yes 2 = No
113	C6ANYCAN Any Cancer Question (Q35)	Num	3	Beneficiary's response to Q35 from the <i>Cohort VI Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Any cancer (other than skin cancer)</u> 1 = Yes 2 = No
114	C6ARTHPN Arthritis Pain Question (Q36)	Num	3	Beneficiary's response to Q36 from the <i>Cohort VI Baseline</i> survey: <i>If you answered "yes" to questions 31 or 32 above (that you have arthritis),</i> <i>During the past 4 weeks, how would you describe the arthritis pain you usually had?</i> 1 = None 2 = Very mild 3 = Mild 4 = Moderate 5 = Severe
115	C6COLNCA Colorectal Cancer Treatment Question (Q37a)	Num	3	Beneficiary's response to Q37a from the <i>Cohort VI Baseline</i> : <i>If you answered "yes" to question 35 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Colon or rectal cancer</u> 1 = Yes 2 = No
116	C6LUNGCA Lung Cancer Treatment Question (Q37b)	Num	3	Beneficiary's response to Q37b from the <i>Cohort VI Baseline</i> : <i>If you answered "yes" to question 35 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Lung cancer</u> 1 = Yes 2 = No
117	C6BRSTCA Breast Cancer Treatment Question (Q37c)	Num	3	Beneficiary's response to Q37c from the <i>Cohort VI Baseline</i> : <i>If you answered "yes" to question 35 above (that you have had cancer),</i> <i>Are you currently under treatment for:</i> <u>Breast cancer</u> 1 = Yes 2 = No

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
118	C6PROSCA Prostate Cancer Treatment Question (Q37d)	Num	3	Beneficiary's response to Q37d from the <i>Cohort VI Baseline</i> survey (if answered "Yes" to Q35): <i>Are you currently under treatment for:</i> <u>Prostate cancer</u> 1 = Yes 2 = No
119	C6BACKPN Low Back Pain Question (Q38)	Num	3	Beneficiary's response to Q38 from the <i>Cohort VI Baseline</i> survey: <i>In the past 4 weeks, how often has low back pain interfered with your usual daily activities?</i> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time
120	C6FELTSD Two Weeks of Depression Question (Q39)	Num	3	Beneficiary's response to Q39 from the <i>Cohort VI Baseline</i> survey: <i>In the past year, have you had 2 weeks or more during which you felt sad, blue or depressed; or when you lost interest or pleasure in things that you usually cared about or enjoyed?</i> 1 = Yes 2 = No
121	C6DEPMCH Depression Much of the Time Question (Q40)	Num	3	Beneficiary's response to Q40 from the <i>Cohort VI Baseline</i> survey: <i>In the past year, have you felt depressed or sad much of the time?</i> 1 = Yes 2 = No
122	C6DEP2YR Depression Most of the Time Question (Q41)	Num	3	Beneficiary's response to Q41 from the <i>Cohort VI Baseline</i> survey: <i>Have you ever had 2 years or more in your life when you felt depressed or sad most days, even if you felt okay sometimes?</i> 1 = Yes 2 = No
123	C6CMPHTH Comparative Health Question (Q42)	Num	3	Beneficiary's response to Q42 from the <i>Cohort VI Baseline</i> survey: <i>In general, compared to other people your age, would you say that your health is:</i> 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor

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124	C6SMKFRQ Current Smoker Question (Q43)	Num	3	Beneficiary's response to Q43 from the <i>Cohort VI Baseline</i> survey: <i>Do you now smoke every day, some days, or not at all?</i> 1 = Every day 2 = Some days 3 = Not at all 4 = Don't know
125	C6URNLKG Urine Leakage Question (Q44)	Num	3	Beneficiary's response to Q44 from the <i>Cohort VI Baseline</i> survey: <i>Many people experience problems with urinary incontinence, the leakage of urine. In the last six months, have you accidentally leaked urine?</i> 1 = Yes (Go to Q45) 2 = No (Go to Q48)
126	C6URNMAG Magnitude of Urine Leakage Problem Question (Q45)	Num	3	Beneficiary's response to Q45 from the <i>Cohort VI Baseline</i> survey: <i>How much of a problem, if any, was the urine leakage for you?</i> 1 = A big problem (Go to Q46) 2 = A small problem (Go to Q46) 3 = Not a problem (Go to Q48)
127	C6URNDOC Talked with Doctor about Urine Leakage Question (Q46)	Num	3	Beneficiary's response to Q46 from the <i>Cohort VI Baseline</i> survey: <i>In the last 6 months, have you talked with a doctor or other health provider about your current urine leakage problem?</i> 1 = Yes (Go to Q47) 2 = No (Go to Q48) 3 = I did not see a doctor or health provider in the last 6 months (Go to Q48)
128	C6URNTRT Received Treatment for Urine Leakage Question (Q47)	Num	3	Beneficiary's response to Q47 from the <i>Cohort VI Baseline</i> survey: <i>There are many ways to treat urinary incontinence including bladder training, exercises, medication and surgery. In the last 6 months, have you received these or any other treatments for your current urine leakage problem?</i> 1 = Yes 2 = No

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129	C6BRTHYR Survey Reported Year of Birth Question (Q48)	Char	4	Beneficiary's response to Q48 from the <i>Cohort VI Baseline</i> survey: <i>In what year were you born?</i>
130	C6SV_GND Survey Reported Gender Question (Q49)	Num	3	Beneficiary's response to Q49 from the <i>Cohort VI Baseline</i> survey: <i>Are you male or female?</i> 1 = Male 2 = Female
131	C6HISPAN Hispanic Question (Q50)	Num	3	Beneficiary's response to Q50 from the <i>Cohort VI Baseline</i> survey: <i>Are you of Hispanic or Spanish family background?</i> 1 = Yes 2 = No
132	C6SV_RAC Survey Reported Race Question (Q51)	Num	3	Beneficiary's response to Q51 from the <i>Cohort VI Baseline</i> survey: <i>How would you describe your race?</i> 1 = American Indian or Alaskan Native 2 = Asian or Pacific Islander 3 = Black or African American 4 = White 5 = Another race or multiracial
133	C6MARITL Marital Status Question (Q52)	Num	3	Beneficiary's response to Q52 from the <i>Cohort VI Baseline</i> survey: <i>What is your current marital status?</i> 1 = Married 2 = Divorced 3 = Separated 4 = Widowed 5 = Never married
134	C6EDUC Education Question (Q53)	Num	3	Beneficiary's response to Q53 from the <i>Cohort VI Baseline</i> survey: <i>What is the highest grade or level of school that you have completed?</i> 1 = 8 th grade or less 2 = Some high school, but did not graduate 3 = High school graduate or GED 4 = Some college or 2 year degree 5 = 4 year college graduate 6 = More than a 4 year college degree

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135	C6HMOWN Housing Question (Q54)	Num	3	Beneficiary's response to Q54 from the <i>Cohort VI Baseline</i> survey: <i>Is the house or apartment you currently live in:</i> 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 5 = None of the above
136	C6WHOCMP Who Completed this Survey Question (Q55)	Num	3	Beneficiary's response to Q55 from the <i>Cohort VI Baseline</i> survey: <i>Who completed this survey form?</i> 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 he survey was addressed
137	C6NMCOMP Name of Person Who Completed this Survey Question (Q56)	Char	52	Beneficiary's response to Q56 from the <i>Cohort VI Baseline</i> survey: <i>What is the name of the person who completed this survey form?</i>
138	C6HHINC Annual Household Income Question (Q57)	Num	3	Beneficiary's response to Q57 from the <i>Cohort VI Baseline</i> survey: <i>Which of the following categories best represents the combined income for all family members in your household for the past 12 months?</i> 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

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139	C6SRVDSP Survey Disposition	Char	3	<p>Survey disposition from the <i>Cohort VI Baseline</i> survey:</p> <p>M10/T10 = completed survey (≥ 80% complete)</p> <p>M11/T11 = nonresponse: partial complete (≥ 50% but < 80% complete)</p> <p>M20/T20 = ineligible: deceased</p> <p>M21/T21 = ineligible: not enrolled in MCO</p> <p>M22/T22 = ineligible: end stage renal disease</p> <p>M23/T23 = ineligible: language barrier</p> <p>T24 = ineligible: bad address AND non-working/unlisted phone number or member is unknown at the dialed phone number</p> <p>M31/T31 = nonresponse: break-off (<50% complete)</p> <p>M32/T32 = nonresponse: refusal</p> <p>M33/T33 = nonresponse: unavailable</p> <p>M34/T34 = nonresponse: physically/or mentally incapacitated</p> <p>M35/T35 = nonresponse: institutionalized</p> <p>M36/T36 = nonresponse: after maximum attempts</p> <p>Note: For survey disposition codes, M=Mail and T=Telephone</p>
140	C6RNDNUM Survey Round	Char	2	<p>Survey round obtained from the <i>Cohort VI Baseline</i> survey:</p> <p>M1 = 1st mailing</p> <p>M2 = 2nd mailing</p> <p>T1 = 1st telephone</p> <p>T2 = 2nd telephone</p> <p>T3 = 3rd telephone</p> <p>T4 = 4th telephone</p> <p>T5 = 5th telephone</p> <p>T6 = 6th telephone</p> <p>MT = Partially completed by mail and converted to complete by telephone</p> <p>NC = Not completed</p>
141	C6SVLANG Survey Language	Num	3	<p><i>Cohort VI Baseline</i> survey language:</p> <p>1 = English</p> <p>2 = Spanish</p> <p>3 = Not Applicable</p> <p>4 = Chinese</p>
142	C6VUCATI Vendor's Unique CATI Interviewer ID	Char	8	<p>A unique CATI ID assigned by the vendor that indicates which telephone interviewer conducted the interview</p>

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143	C6SVDATE Date Survey Was Completed	Char	8	Date the <i>Cohort VI Baseline</i> mail survey was received by the vendor or the date the telephone interview was conducted MMDDYYYY format
144	C6MCONUM Beneficiary's Phone Number	Num	3	Beneficiary's phone number provided by the MCO: 1 = Yes 2 = No
145	C6SPANFL Spanish Protocol Flag	Num	3	Spanish protocol flag: 1 = Yes, the member was sent Spanish materials 2 = No, the member was not sent Spanish materials
146	C6EXCLUD Request to Be Excluded from Future Survey Samples	Num	3	Beneficiary's request to be excluded from future survey samples: 1 = Member specifically requested <i>Take me off your list and never contact me again</i> 2 = Member did not request <i>Take me off your list and never contact me again</i>
147	C6CHIN Chinese Protocol Flag	Num	3	Chinese protocol flag: 0 = No 1 = Yes, member of a Chinese language plan
148	C6DISP Survey Disposition Indicator	Num	3	<i>Cohort VI Baseline</i> respondent's survey disposition indicator: 1 = Mail survey completed 2 = Telephone survey completed
149	C6PACE PACE Protocol Flag	Num	3	Pace protocol flag: 0 = No 1 = Yes, member of a Program of All-inclusive Care for the Elderly (PACE) plan
150	C6INVSrv Invalid Survey Flag	Num	3	Invalid survey flag: 0 = No 1 = Yes, invalid members have one of the following survey disposition codes: M20/T20 = ineligible: deceased M21/T21 = ineligible: not enrolled in MCO M22/T22 = ineligible: end stage renal disease M23/T23 = ineligible: language barrier T24 = ineligible: bad address AND non-working/unlisted phone number or member is unknown at the dialed phone number
151	C6PCTCMP Percent of the Survey Completed	Num	8	Calculated percent of the <i>Cohort VI Baseline</i> survey completed

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152	C6CMPSRV Completed Survey Indicator	Num	3	A flag created to indicate that 80% of the <i>Cohort VI Baseline</i> survey was completed: 0 = No 1 = Yes
153	C6CMPFLG Name Flag for Q56	Num	3	A flag created to indicate if a name was provided in Q56 for the person who completed the <i>Cohort VI Baseline</i> survey: 0 = No name provided 1 = Name provided
154	C6BDCNUM Mismatched Contract Number	Num	3	A flag created for mismatched contract number to reflect inconsistent information between the contract number and plan ID: 0 = No 1 = Yes
155	C6BDRACE Mismatched Race	Num	3	A flag created for mismatched race to reflect inconsistent information between the CMS member level record and the respondent provided survey data: 0 = No 1 = Yes
156	C6BDBRTH Mismatched Birth Year	Num	3	A flag created for mismatched birth year to reflect inconsistent information between the CMS member level record and the respondent provided survey data: 0 = No 1 = Yes
157	C6BDGNDR Mismatched Gender	Num	3	A flag created for mismatched gender to reflect inconsistent information between the CMS member level record and the respondent provided survey data: 0 = No 1 = Yes
158	C6BDPRST Female with Prostate Cancer	Num	3	A flag created to indicate if a female beneficiary reported being currently under treatment for prostate cancer (female status was determined by matching female gender from the <i>Cohort VI Baseline</i> member level record and the respondent provided survey data): 0 = No 1 = Yes
159	C6EDOB Elapsed Date of Birth	Num	8	Beneficiary's elapsed date of birth which, in combination with the elapsed survey date (C6ESVDT2), was used to calculate age (C6AGE): MMDDYY10. format

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160	C6EACRDT Elapsed Date of Accretion into Plan	Num	8	Beneficiary's elapsed date of accretion into plan: MMDDYY10. format
161	C6EACLMT Elapsed Date of Accretion Limit	Num	8	Beneficiary's elapsed date of accretion limit (03/01/2003 for all records): MMDDYY10. format
162	C6ESV DAT Elapsed Survey Date	Num	8	Beneficiary's elapsed survey date: MMDDYY10. format
163	C6ESVDT2 Elapsed Survey Date With Missing Values Imputed	Num	8	Elapsed survey date created from the original survey date (C6SVDATE). For records with a missing survey date, an elapsed date was imputed by utilizing the mean survey date by vendor and mode of administration. MMDDYY10. format
164	C6AGE Beneficiary's Age	Num	8	Beneficiary's age calculated by subtracting the elapsed date of birth (C6EDOB) from the elapsed date of survey completion (C6ESVDT2) and dividing the result by 365.25
165	C6AGECAT Beneficiary's Age Category	Num	3	Beneficiary's age category created from the beneficiary's age (C6AGE): 0 = C6AGE < 65 1 = C6AGE ≥ 65 and < 70 2 = C6AGE ≥ 70 and < 75 3 = C6AGE ≥ 75 and < 80 4 = C6AGE ≥ 80
166	C6ENRDUR Beneficiary's Enrollment Duration Category	Num	8	Beneficiary's plan enrollment duration in months calculated by subtracting the accretion date (C6EACRDT) from the accretion limit (C6EACLMT) and dividing the result by 30
167	C6ENRCAT Beneficiary's Enrollment Duration Category	Num	3	Beneficiary's enrollment duration category created from the enrollment duration (C6ENRDUR): 1 = Duration < 6 months 2 = Duration = 6 to 12 months 3 = Duration = 13 to 36 months 4 = Duration = 37 or more months
168	C6RACEGP Beneficiary's Race Category	Num	3	Beneficiary's race category created from the Cohort VI Baseline member level race (C6RACE): 1 = White 2 = Black 3 = Other

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
169	C6MARCAT Beneficiary's Marital Status Category	Num	3	Beneficiary's marital status category created from the <i>Cohort VI Baseline</i> survey marital status question (C6MARITL): 1 = Married 2 = Divorced/Separated 3 = Widowed 4 = Never married
170	C6EDCAT Beneficiary's Education Level Category	Num	3	The beneficiary's education level category created from the <i>Cohort VI Baseline</i> survey education question (C6EDUC): 1 = Did not graduate high school 2 = High school graduate or GED 3 = Some college or 2 year degree 4 = 4 year college degree or beyond
171	C6INCCAT Beneficiary's Annual Household Income Category	Num	3	Beneficiary's annual household income category created from the <i>Cohort VI Baseline</i> survey annual household income question (C6HHINC): 1 = Income less than \$10,000 2 = Income \$10,000 to \$19,999 3 = Income \$20,000 to \$29,999 4 = Income \$30,000 to \$49,999 5 = Income \$50,000 or more 6 = Don't know
172	C6DEPRSS Depression Screen Indicator	Num	3	Beneficiary was considered to have a positive depression screen when he or she answered "Yes" to Q39, Q40, or Q41 of the <i>Cohort VI Baseline</i> survey. 0 = Negative 1 = Positive
173	C6COMO Number of Chronic Medical Conditions	Num	3	Beneficiary's total number of chronic medical conditions from a count of "Yes" responses to the <i>Cohort VI Baseline</i> survey chronic medical condition questions (Q23 through Q35)
174	C6COMOCT Number of Chronic Medical Conditions Category	Num	3	Beneficiary's number of chronic medical conditions category created from the number of chronic medical conditions (C6COMO) in the <i>Cohort VI Baseline</i> survey: 0 = No conditions 1 = One condition 2 = Two conditions 3 = Three conditions 4 = Four or more conditions
175	C6RAWPF Physical Functioning Scale Raw Score	Num	8	Beneficiary's physical functioning scale raw score calculated from the <i>Cohort VI Baseline</i> survey
176	C6RAWRP Role-Physical Scale Raw Score	Num	8	Beneficiary's role-physical scale raw score calculated from the <i>Cohort VI Baseline</i> survey

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177	C6RAWBP Bodily Pain Scale Raw Score	Num	8	Beneficiary's bodily pain scale raw score calculated from the <i>Cohort VI Baseline</i> survey
178	C6RAWGH General Health Scale Raw Score	Num	8	Beneficiary's general health scale raw score calculated from the <i>Cohort VI Baseline</i> survey
179	C6RAWVT Vitality Scale Raw Score	Num	8	Beneficiary's vitality scale raw score calculated from the <i>Cohort VI Baseline</i> survey
180	C6RAWSF Social Functioning Scale Raw Score	Num	8	Beneficiary's social functioning scale raw score calculated from the <i>Cohort VI Baseline</i> survey
181	C6RAWRE Role-Emotional Scale Raw Score	Num	8	Beneficiary's role-emotional scale raw score calculated from the <i>Cohort VI Baseline</i> survey
182	C6RAWMH Mental Health Scale Raw Score	Num	8	Beneficiary's mental health scale raw score calculated from the <i>Cohort VI Baseline</i> survey
183	C6PF Physical Functioning Scale Transformed Score	Num	8	Beneficiary's physical functioning scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey
184	C6RP Role-Physical Scale Transformed Score	Num	8	Beneficiary's role-physical scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey
185	C6BP Bodily Pain Scale Transformed Score	Num	8	Beneficiary's bodily pain scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey
186	C6GH General Health Scale Transformed Score	Num	8	Beneficiary's general health scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey
187	C6VT Vitality Scale Transformed Score	Num	8	Beneficiary's vitality scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey
188	C6SF Social Functioning Scale Transformed Score	Num	8	Beneficiary's social functioning scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey
189	C6RE Role-Emotional Scale Transformed Score	Num	8	Beneficiary's role-emotional scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
190	C6MH Mental Health Scale Transformed Score	Num	8	Beneficiary's mental health scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VI Baseline</i> survey
191	C6PF_Z98 Physical Functioning Scale Standardized Score	Num	8	Beneficiary's physical functioning scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
192	C6RP_Z98 Role-Physical Scale Standardized Score	Num	8	Beneficiary's role-physical scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
193	C6BP_Z98 Bodily Pain Scale Standardized Score	Num	8	Beneficiary's bodily pain scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
194	C6GH_Z98 General Health Scale Standardized Score	Num	8	Beneficiary's general health scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
195	C6VT_Z98 Vitality Scale Standardized Score	Num	8	Beneficiary's vitality scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
196	C6SF_Z98 Social Functioning Scale Standardized Score	Num	8	Beneficiary's social functioning scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
197	C6RE_Z98 Role-Emotional Scale Standardized Score	Num	8	Beneficiary's role-emotional scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
198	C6MH_Z98 Mental Health Scale Standardized Score	Num	8	Beneficiary's mental health scale z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
199	C6PRAW98 Physical Component Summary Raw Standardized Score	Num	8	Beneficiary's physical component summary raw z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
200	C6MRAW98 Mental Component Summary Raw Standardized Score	Num	8	Beneficiary's mental component summary raw z score calculated from the <i>Cohort VI Baseline</i> survey and based on 1998 general US population norms
201	C6PCS98 Physical Component Summary (PCS) Score	Num	8	Beneficiary's unadjusted Physical Component Summary score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
202	C6MCS98 Mental Component Summary (MCS) Score	Num	8	Beneficiary's unadjusted Mental Component Summary score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
203	C6PFS98 Physical Functioning (PF) Scale Score	Num	8	Beneficiary's unadjusted Physical Functioning scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
204	C6RPS98 Role-Physical (RP) Scale Score	Num	8	Beneficiary's unadjusted Role-Physical scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
205	C6BPS98 Bodily Pain (BP) Scale Score	Num	8	Beneficiary's unadjusted Bodily Pain scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
206	C6GHS98 General Health (GH) Scale Score	Num	8	Beneficiary's unadjusted General Health scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
207	C6VTS98 Vitality (VT) Scale Score	Num	8	Beneficiary's unadjusted Vitality scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
208	C6SFS98 Social Functioning (SF) Scale Score	Num	8	Beneficiary's unadjusted Social Functioning scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
209	C6RES98 Role-Emotional (RE) Scale Score	Num	8	Beneficiary's unadjusted Role-Emotional scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
210	C6MHS98 Mental Health (MH) Scale Score	Num	8	Beneficiary's unadjusted Mental Health scale score based on 1998 general US population norms which was used in the <i>Cohort VI Baseline</i> analysis and reporting
211	C6ADJPCS Adjusted Physical Component Summary (PCS) Score	Num	8	Beneficiary's case mix adjusted Physical Component Summary score created from C6PCS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
212	C6ADJMCS Adjusted Mental Component Summary (MCS) Score	Num	8	Beneficiary's case mix adjusted Mental Component Summary score created from C6MCS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
213	C6ADJPFS Adjusted Physical Functioning (PF) Scale Score	Num	8	Beneficiary's case mix adjusted Physical Functioning scale score created from C6PFS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
214	C6ADJRPS Adjusted Role-Physical (RP) Scale Score	Num	8	Beneficiary's case mix adjusted Role-Physical scale score created from C6RPS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
215	C6ADJBPS Adjusted Bodily Pain (BP) Scale Score	Num	8	Beneficiary's case mix adjusted Bodily Pain scale score created from C6BPS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
216	C6ADJGHS Adjusted General Health (GH) Scale Score	Num	8	Beneficiary's case mix adjusted General Health scale score created from C6GHS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
217	C6ADJVTS Adjusted Vitality (VT) Scale Score	Num	8	Beneficiary's case mix adjusted Vitality scale score created from C6VTS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
218	C6ADJSFS Adjusted Social Functioning (SF) Scale Score	Num	8	Beneficiary's case mix adjusted Social Functioning scale score created from C6SFS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
219	C6ADJRES Adjusted Role-Emotional (RE) Scale Score	Num	8	Beneficiary's case mix adjusted Role-Emotional scale score created from C6RES98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
220	C6ADJMHS Adjusted Mental Health (MH) Scale Score	Num	8	Beneficiary's case mix adjusted Mental Health scale score created from C6MHS98 which was used in the <i>Cohort VI Baseline</i> analysis and reporting
221	C6ANALYT Analytic Indicator	Num	8	Analytic indicator for the <i>Cohort VI Baseline</i> respondents who were age 65 or older and who had calculatable PCS and MCS scores: 0 = No 1 = Yes
222	C6MONRPT Date of the CMS Monthly Report of Managed Care Health Plans	Num	8	Date of the CMS Monthly Report of Managed Care Health Plans (May 2003) used to obtain additional plan information from the time of the <i>Cohort VI Baseline</i> sampling in 2003 MMDDYY10. format
223	C6PLTYPE Plan Type	Char	3	Plan type from the May 2003 CMS Monthly Report of Managed Care Health Plans.

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
224	C6PLMODL Plan Model	Char	5	Plan model from the May 2003 CMS Monthly Report of Managed Care Health Plans
225	C6PLPOP Plan Population	Char	8	Plan population from the May 2003 CMS Monthly Report of Managed Care Health Plans
226	C6PLDESC Plan Description	Char	10	Plan description from the May 2003 CMS Monthly Report of Managed Care Health Plans
227	C6PLANST Plan State	Char	2	Plan state designation from the May 2003 CMS Monthly Report of Managed Care Health Plans and was the state level unit of analysis for the <i>Cohort VI Baseline</i> report
228	C6PLTXST Plan Tax Status	Char	3	Plan tax status from the May 2003 CMS Monthly Report of Managed Care Health Plans
229	C6PLREG Plan Region	Num	3	Plan region from the May 2003 CMS Monthly Report of Managed Care Health Plans 1 = Region I – Boston (serving Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont) 2 = Region II – New York (serving New York, New Jersey, Puerto Rico, and the Virgin Islands) 3 = Region III – Philadelphia (serving Delaware, Washington DC, Maryland, Pennsylvania, Virginia, and West Virginia) 4 = Region IV - Atlanta (serving Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee) 5 = Region V – Chicago (serving Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin) 6 = Region VI – Dallas (serving Arkansas, Louisiana, New Mexico, Oklahoma, and Texas) 7 = Region VII – Kansas City (serving Iowa, Kansas, Missouri, and Nebraska) 8 = Region VIII – Denver (serving Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming) 9 = Region IX – San Francisco (serving Arizona, California, Guam, Hawaii, and Nevada) 10 = Region X – Seattle (serving Alaska, Idaho, Oregon, and Washington)

FIELD #	FIELD NAME / DESCRIPTION	FIELD TYPE	FIELD LENGTH	ADDITIONAL INFORMATION AND VALID VALUES
230	C6PLSTDT Contract Start Date	Num	8	Contract start date from the May 2003 CMS Monthly Report of Managed Care Health Plans MMDDYY10. format
231	C6PLDUR Duration of Plan Contract	Num	8	Duration of plan contract in years calculated by subtracting the contract start date (C6PLSTDT) from beneficiary's date of accretion limit (C6EACLMT) and dividing the result by 365.25
232	C6PLNDCT Duration of Plan Contract Category	Num	8	Duration of plan contract categories created from duration of plan contract (C6PLDUR): 1 = Plan duration < 1 year 2 = Plan duration ≥ 1 and < 5 years 3 = Plan duration ≥ 5 and < 10 years 4 = Plan duration ≥ 10 years