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DATA
USER'S GUIDE

Cohort VII Baseline
2004

MEDICARE HEALTH

OUTCOMES SURVEY

CENTERS
FOR MEDICARE
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SERVICES

HEALTH
SERVICES
ADVISORY
GROUP



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Preface

The Centers for Medicare & Medicaid Services (CMS) is committed to monitoring the quality of care provided by Medicare Advantage (MA) Plans. 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 MA Plan, and measures physical and mental health over a two-year period.

This *Cohort VII Baseline Data User's Guide* is designed to assist individuals with the use of the beneficiary level *Cohort VII 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 MA Plan and Quality Improvement Organization (QIO) quality improvement activities.

Program Background

INTRODUCTION TO THE MEDICARE HEALTH OUTCOMES SURVEY

CMS is committed to monitoring the quality of care provided by MA Plans. 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.

Section 722 of the Medicare Prescription Drug, Improvement, and Modernization act of 2003 mandates the collection, analysis, and reporting of health outcomes information. This legislation also specifies that data collected on quality, outcomes, and beneficiary satisfaction to facilitate consumer choice and program administration must utilize the types of data collected prior to November 1, 2003. Collected since 1998, the Medicare HOS is the only outcomes measure in Medicare managed care and therefore remains a critical part of assessing health plan quality. In addition, CMS includes the HOS results as one of the components of their performance assessment program. The Performance Measurement results for *Cohort VII* (scheduled for release in 2007) will incorporate data from the *Cohort VII 2004 Baseline* and *2006 Follow Up* surveys.

The HOS *Cohort VII Baseline* Report, which was distributed in May 2005, is part of a larger effort by CMS to improve the health care industry's capacity to sustain and improve the health

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

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

status and functioning of its Medicare population. The *Cohort VII Baseline* results are intended to assist MA Plans 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.

In 2004, CMS required all MA Plans and continuing cost contractors and demonstration projects, including Social Health Maintenance Organizations (Social HMOs), Preferred Provider Organizations (PPOs) and Medicare Alternative Payment Demos with contracts in place on or before January 1, 2003 to participate in the *Cohort VII Baseline* survey. In addition, all plans with contracts in place on or before January 1, 2001 that participated in the *Cohort V Baseline* survey in 2002 were required to participate in the *Cohort V Follow Up* survey in 2004.

MEDICARE HEALTH OUTCOMES SURVEY INSTRUMENT

For the Round 7 survey administration, the HOS instrument consisted of the SF-36[®] Health Survey^{3,4} and additional questions, which included but were not limited to those used for case mix/risk adjustment purposes. Physical and mental functioning are measured with the Physical Component Summary (PCS) and Mental Component Summary (MCS) scores, respectively, which are derived from the SF-36.

SF-36[®] Health Survey

The SF-36[®] is a multipurpose, short-form health survey with only 36 questions. The SF-36 yields an eight scale profile of scores, as well as physical and mental health summary measures. It is a generic measure, as opposed to one that targets a specific age, disease, or treatment group. As documented in more than 2,500 publications, the SF-36 has proven useful in both general and specific populations, comparing the relative burden of diseases, differentiating the health benefits produced by a wide range of different treatments, and screening individual patients.

The SF-36 asks respondents about their usual activities and how they would rate their health. It is a barometer of physical and mental health functional status. Concepts (scales) included in the SF-36 are:

- *Physical Functioning (PF)* – These ten questions ask respondents to indicate the extent to which their health limits them in performing physical activities.
- *Role-Physical (RP)* – These four questions assess whether respondents' physical health limits them in the kind of work or other usual activities they perform, both in terms of time and performance.
- *Role-Emotional (RE)* – These three questions assess whether emotional problems have caused respondents to accomplish less in their work or other usual activities, both in terms of time and performance.

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

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

- *Bodily Pain (BP)* – These two questions determine the respondents’ frequency of pain and the extent to which it interferes with their normal activities.
- *Social Functioning (SF)* – These two questions ask respondents to indicate limitations in social function due specifically to health.
- *Mental Health (MH)* – These five questions ask respondents how frequently they experience feelings representing four major mental health dimensions: anxiety, depression, loss of behavioral/emotional control, and psychological well being.
- *Vitality (VT)* – These four questions ask respondents to rate their well being by indicating how frequently they experience energy and fatigue.
- *General Health (GH)* – These five questions ask respondents to rate their current health status overall, susceptibility to illness, and their expectations for health in the future.

Figure 1 on page 7 illustrates the taxonomy of items and concepts underlying the construction of the SF-36 scales and summary measures. The taxonomy has three levels: (1) items; (2) eight scales that aggregate 2-10 items each; and (3) two summary measures that aggregate the scales. All but one of the 36 items (self-reported health transition) are used to score the eight SF-36 scales. Each item is used in scoring only one scale. The eight scales form two distinct higher-ordered clusters (principal components) that are the basis for scoring the physical (PCS) and mental (MCS) component summary measures. These components account for 80-85% of the reliable variance in the eight scales in the US general population and in other countries, in both cross-sectional and longitudinal studies.^{5, 6, 7} This discovery made it possible to reduce the number of statistical comparisons involved in analyzing the SF-36 (from eight to two) without substantial loss of information.^{7,8}

The reliability of the two summary measures has been estimated using both internal consistency and test-retest methods. With rare exceptions, reliability estimates for physical and mental summary scores usually exceed 0.90.⁸ These trends in reliability coefficients for the summary measures have also been replicated for the elderly and across other groups differing in socio-demographic characteristics and diagnoses.⁸ While studies of subgroups indicate slight declines in reliability for more disadvantaged respondents, reliability coefficients consistently exceeded recommended standards for group level analysis.

Studies of validity generally support the intended meaning of high and low SF-36 scores. Because of the widespread use of the SF-36 across a variety of applications, evidence from many types of validity research is relevant to these interpretations. Studies to date have yielded

⁵ Ware JE, Kosinski M, Keller SK. *SF-36 Physical and Mental Health Summary Scales: A User's Manual*. Boston, MA: The Health Institute, 1994.

⁶ Ware JE, Kosinski M, Gandek B, Aaronson NK, Apolone G, Bech P, *et al*. The factor structure of the SF-36 Health Survey in ten countries: Results from the IQOLA Project. *Journal of Clinical Epidemiology* 1998; 51:1159-1165.

⁷ Ware JE, Kosinski M, Bayliss MS, McHorney CA, Rogers WH, Raczek A. Comparison of methods for the scoring and statistical analysis of SF-36 health profiles and summary measures: Summary of results from the Medical Outcomes Study. *Medical Care* 1995; 33: AS264-AS279.

⁸ 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.

content, concurrent, criterion, construct, and predictive evidence of validity.⁹ The content validity of the SF-36 has been compared to that of other widely used generic health surveys.^{5, 10} Systematic comparisons indicate that the SF-36 includes eight of the most frequently measured health concepts. Among the content areas included in widely used surveys, but not included in the SF-36, are: sleep adequacy, cognitive functioning, sexual functioning, health distress, family functioning, self-esteem, eating, recreation/hobbies, communication, and symptoms/problems that are specific to one condition. The latter are not included in the SF-36 because it is a generic measure. The SF-36 is scored from 0 to 100 points, with higher scores indicating better functioning on both the individual scales and summary measures (PCS and MCS). For additional information on the scoring of the SF-36, please refer to the Scoring Scales and Summary Measures subsection on page 9.

Additional Questions

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

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

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

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

- *Question 39: In the past year, have you had 2 weeks or more during which you felt sad, blue or depressed; or when you lost interest or pleasure in things that you usually cared about or enjoyed?*
- *Question 40: In the past year, have you felt depressed or sad much of the time?*
- *Question 41: Have you ever had 2 years or more in your life when you felt depressed or*

⁹ Quality Metric. *Search Bibliography*. www.sf-36.com/cgi-bin/bibsearch.cgi

¹⁰ 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.

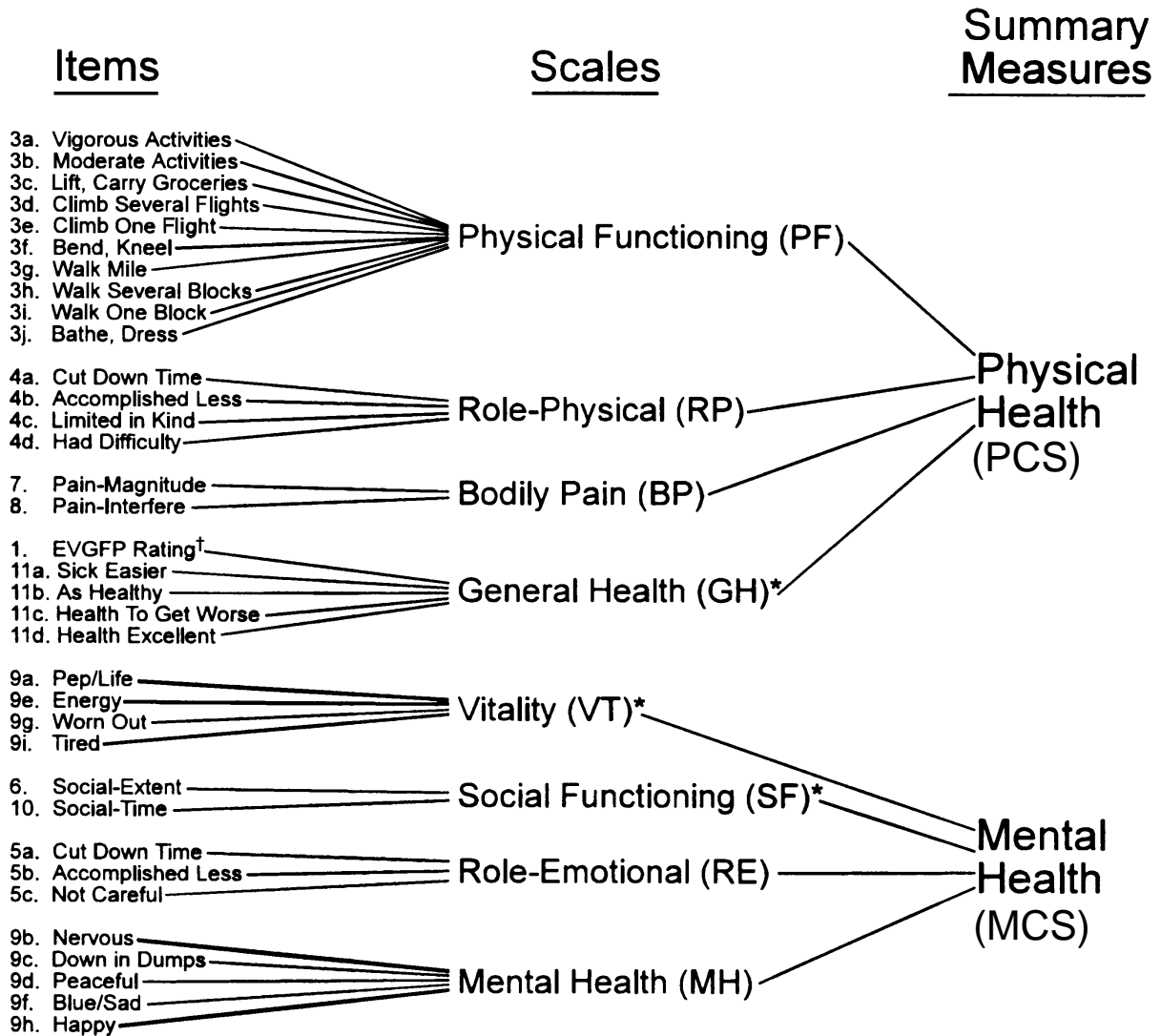
sad most days, even if you felt okay sometimes?

To increase the utility of the HOS, several new questions were incorporated into the 2003 HOS instrument. The addition of three Healthy Days questions from the Centers for Disease Control and Prevention's (CDC) Behavioral Risk Factor Surveillance System (BRFSS), along with a standard question on general self-rated health, allows a link between HOS and BRFSS results. In addition, four questions about the management of urinary incontinence were added to the HOS instrument to support a new HEDIS measure. This new measure, Management of Urinary Incontinence (UI) in Older Adults, is a part of the Effectiveness of Care domain of HEDIS.

For further information on the Medicare HOS instrument, please refer to the HEDIS 2004, Volume 6 manual.¹¹ In addition, copies of the HOS instrument can be obtained from the Medicare HOS section of CMS' website (<http://www.cms.hhs.gov/surveys/hos>).

¹¹ National Committee for Quality Assurance. *HEDIS® 2004, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2004.

FIGURE 1: SF-36 Measurement Model



* Significant correlation with other summary measure

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

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

Methodology and Design

SAMPLING METHODOLOGY

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

SURVEY ADMINISTRATION

MA Plans must contract with an NCQA-Certified HOS vendor to administer the survey. For *Cohort VII Baseline*, vendors followed the protocol contained in the HEDIS 2004, Volume 6 manual.¹² The standard HEDIS protocol for administering the HOS employs a combination of mail and telephone survey administration. The mail component of the survey uses a standardized questionnaire, survey letters, and prenotification and reminder/thank you postcards. In those instances when beneficiaries fail to respond after the second mail survey, vendors attempt telephone follow up (with at least six attempts). Vendors also perform telephone follow up for members who return an incomplete mail survey in order to obtain responses to missing 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 2004 *Cohort VII Baseline* Medicare HOS included a random sample of 159,311 beneficiaries, including both the aged and disabled, from 161 managed care plans. Of the 159,311 individuals sampled, 6,777 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 MA Plan; 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 152,534. This sample is referred to as the *Cohort VII Baseline eligible sample*. Of the 152,534

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

beneficiaries in the eligible sample, 65.3% (99,649) returned a completed baseline survey. For the purposes of the *Cohort VII Baseline* Report, a completed survey was defined as one that could be used to calculate PCS and MCS scores.

The 152,534 members of the *Cohort VII Baseline eligible sample* included 141,607 seniors (age 65 or older). Of the 141,607 eligible seniors sampled, 92,982 completed the baseline survey. This group of seniors comprises the *Cohort VII Baseline analytic sample*. Beneficiaries included in the *Cohort VII Baseline analytic sample* can be identified in the *Cohort VII Baseline* data file with the analytic sample indicator field (C7ANALYT). **The analytic sample was the focus of all analyses contained within the *Cohort VII Baseline* Report.**

SCORING SCALES AND SUMMARY MEASURES

CMS uses norm-based algorithms which 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).¹³ 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 VII Baseline* data file were based on the 1998 National Survey of Functional Health Status. 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.

CASE MIX ADJUSTMENT

Of the 141,607 eligible seniors sampled, 92,982 had completed a sufficient number of survey items to calculate all eight scales and the two summary measures of the SF-36. 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.¹⁴

¹³ 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.

¹⁴ Typically, CMS plan region is determined at the plan level and is assigned by the state in which a plan is reported. However, for two contract numbers, which were each comprised of a national sample, the CMS Plan regions utilized in the *Cohort VII Baseline* case mix adjustment were determined at the individual beneficiary level and assigned by the beneficiary’s state of residence.

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 11 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 VII Baseline* Report that was distributed to QIOs and MA Plans in May 2005.

TECHNICAL ASSISTANCE

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

| TABLE 1 COVARIATES USED IN THE CASE MIX ADJUSTMENT OF SF-36 MEASURES | | | |
|---|---------------------------|---|--------------|
| | PCS AND MCS MODELS | | |
| | | | Three |
| Age (Continuous) | ✓ | ✓ | ✓ |
| Gender (Male or Female) | ✓ | ✓ | ✓ |
| Race (White, Black, Other Minority) | ✓ | ✓ | ✓ |
| Education | ✓ | ✓ | |
| Marital Status | ✓ | ✓ | |
| Annual Household Income | ✓ | | |
| | | | |
| 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) | ✓ | ✓ | |
| | | | |
| 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 VII Baseline* SAS[®] file was derived from a national sample of 159,311 Medicare beneficiaries, which included all survey respondents, non-respondents, and those individuals identified to be invalid members during the survey administration.^{15, 16} There are a total of 228 fields in the *Cohort VII 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 a new field included in the *Cohort VII Baseline* data file, and four fields that were included in previous baseline files but have been excluded from the *Cohort VII Baseline* data file. Please note, in addition to the new field 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 VII 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 VII Baseline* data file.

NEW FIELD

The following field is new in the *Cohort VII Baseline* data file.

- Reporting Plan State (C7RPTST) was added to the *Cohort VII Baseline* data file to incorporate the plan state designation utilized as the state level unit of analysis for the *Cohort VII Baseline* reporting.

EXCLUDED FIELDS

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

- Five fields that were created as flags for mismatched information, such as mismatched birth year flag (C7BDBRTH), mismatched contract number (C7BDCNUM), mismatched gender flag (C7BDGNDR), inconsistent flag for indicating a female beneficiary who reported being currently under treatment of prostate cancer (C7BDPRST), and mismatched race flag (C7BDRACE), were excluded from the *Cohort VII Baseline* data file. These fields are utilized primarily for data cleaning purposes.

¹⁵ SAS[®] is a registered trademark of SAS Institute Inc., Cary, NC.

¹⁶ Invalid members of the sample met one of the following criteria: deceased; not enrolled in the MA Plan; had an incorrect address and phone number; or had a language barrier.

FIELD OVERVIEW

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

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 VII Baseline* Report.

NCQA Plan Level Fields (Fields 5-15)

Data in this section are taken from the header record of the *Cohort VII Baseline* MA Plans data file. This section includes information about the MA Plans contract number (C7CNTRNM), plan identifier (C7PLANID), plan name (C7PLANNM), market area (C7MARKET), and healthcare organization ID (C7HTHID) as assigned by NCQA. The fields for plan line of business (C7LNBUSS) and plan model type (C7MODEL) were intentionally left blank. Please refer to the monthly report fields plan type (C7PLTYPE) and plan model (C7PLMODL) in the Plan Characteristics Fields section for equivalent fields. Beginning with the 2003 HOS administration, MA Plans are no longer required to be sampled or reported by market area; therefore, the market area (C7MARKET) field is not applicable and was left blank in the *Cohort VII Baseline* data file. As a result of this change, the information contained in the contract number (C7CNTRNM) and plan identifier (C7PLANID) fields is identical. The contract number and plan identifier represent the member's plan assignment at the time of the baseline sampling in 2004. Please note that the contract number field (C7CNTRNM) was the plan level unit of analysis for the Medicare HOS *Cohort VII Baseline* Report (C7CNTRNM, N=161).

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 V Baseline*, the field C7RESPC5 is the name provided for question 56 from the *Cohort V Baseline* survey ("What is the name of the person who completed this survey form?"). C7SURIND indicates if a beneficiary was sampled for inclusion in *Cohort VII Baseline* only (1), *Cohort V Follow Up* only (2), or *Cohort VII Baseline* and *Cohort V Follow Up* (3).

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 [Q1] and three [Q3] through eleven [Q11] in the HOS instrument) is used to obtain physical and mental health summary measures.

Survey Administration Fields (Fields 139-153)

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. Please note, PACE plans did not participate in the *Cohort VII Baseline* survey. For respondents, a field (C7DISP) 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 and an indicator field for a “complete” survey (with at least 80% completion of the items).

Elapsed SAS® Dates (Fields 154-158)

This section provides elapsed SAS® dates for date of birth, accretion date, accretion limit, and two survey date fields. The original survey date field (C7ESVDAT) 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 C7ESVDT2, which is equal to the original survey date (C7ESVDAT) except in those instances where a survey date has been imputed due to missing data. C7ESVDT2 is used for the calculation of age and other date-related fields for all beneficiaries within the *Cohort VII Baseline* file.

Analytic Fields (Fields 159-169)

Fields in this section are the baseline analytic fields used for analysis and reporting. Categorical fields in this section include age group, enrollment duration, race group, marital status, education level, annual household income, number of chronic conditions categories, and a depression screen indicator. Age (C7AGE) is calculated utilizing C7ESVDT2 and C7EDOB: $C7AGE = (C7ESVDT2 - C7EDOB)/365.25$.

SF-36 Scores (Fields 170-215)

Included in this section are the unadjusted and adjusted SF-36 summary measures and scale scores used in the *Cohort VII 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 (C7RAWPF – C7RAWMH); the percentage-based transformed scale scores (0 – 100, C7PF – C7MH); the standardized scale scores (z scores, C7PF_Z98 – C7MH_Z98); the standardized summary measures (z scores, C7PRAW98 – C7MRAW98); the linear transformed standardized summary measures (C7PCS98 – C7MCS98); the linear transformed standardized scale scores (C7PFS98 – C7MHS98); and the case mix adjusted summary measures and scale

scores (C7ADJPCS – C7ADJMHS). 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 (C7PCS98 – C7MCS98) and the linear transformed standardized scale scores (C7PFS98 – C7MHS98) were the fields used in the *Cohort VII 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 (C7ADJPCS – C7ADJMHS).

Analytical Sample Indicator Field (Field 216)

Data in this section include the baseline analytic sample indicator (C7ANALYT), which is limited to beneficiaries who were 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 VII Baseline* analytic sample.

Plan Characteristics Fields (Fields 217-228)

Data in this section provide plan characteristics, including plan type, plan description, plan state, and plan region. The information was obtained from the May 2004 CMS Monthly Report of Managed Care Health Plans (<http://cms.hhs.gov/healthplans/statistics/monthly>). The information links to the contract number field (C7CNTRNM).

Typically, CMS plan state designation is determined at the plan level and is assigned to the state in which a plan is reported. However, for the *Cohort VII Baseline* reporting, two unique plan states were created for two plans, which were each comprised of a national beneficiary sample. These two plan state designations were incorporated in the C7RPTST field. For the remainder of the plans, the C7RPTST field is equal to the plan state designation for the C7PLANST field. The reporting plan state field (C7RPTST) was the state level unit of analysis for the *Cohort VII Baseline* report.

FIELD UTILIZATION NOTES

- ◆ The HOS questionnaire contains multiple skip patterns. Caution should be exercised when examining selected questions that involve skip pattern responses. Please refer to 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 utilizing 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 section of CMS' website provides general information on the program (<http://www.cms.hhs.gov/surveys/hos>).

Appendix A

Quality Assurance of the Data

DATA RECEIPT

The HOS *Cohort VII Baseline* data, as well as *Cohort V Follow Up* data, were transmitted to Health Services Advisory Group (HSAG) from the National Committee for Quality Assurance (NCQA) on September 7, 2004. The data were transmitted on CD-ROM containing individual ASCII flat files for each *Cohort VII Baseline* participating plan. These plans included all Medicare Advantage (MA) Plans and continuing cost contractors, Social HMOs, and Medicare Choices Demonstration plans with contracts in place on or before January 1, 2003. In total, 161 individual files were submitted containing 159,311 *Cohort VII Baseline* records. The ASCII flat files contained plan, beneficiary, and survey information as specified in HEDIS[®] 2004, Volume 6 (also referred to as the 2004 HOS Manual) and the 2004 NCQA Quality Assurance Plan (also referred to as the 2004 QAP).^{17, 18}

DATA EVALUATION AND PROCESSING

After all of the individual files were imported using SAS^{®19} and saved as unique SAS[®] data sets, the files were concatenated to form a single HOS data file. Data consistency checks are performed by reviewing the entire HOS data set for out of range values. To verify the presence of unique beneficiaries in the HOS data file, the file is examined for duplicate Health Insurance Claim (HIC) numbers. All dates contained within the data file are verified to correspond to the appropriate range. Frequency distributions of all categorical variables by vendor and mode of administration are performed to identify out of range values, inconsistent data distributions among vendors, and data shifts in value assignment. The cross tabulations are performed using the entire HOS data file and also specified subsets of the data file. In addition to the cross tabulations of categorical variables, the survey variables (such as survey disposition, round number, and survey language) are assessed for accuracy and consistency. Finally, response consistency checks are performed to validate the integrity of the data.

All date variables contained in the data file are converted to SAS[®] date format (elapsed date variables) to facilitate the calculation of duration of enrollment and age, which are then incorporated into the data file. Upon completion of the HOS data editing and cleaning process, the final data set is produced. Throughout the data evaluation process, data issues were forwarded to NCQA on an ongoing basis for follow up and when appropriate, corrected data

¹⁷ National Committee for Quality Assurance. *HEDIS[®] 2004, Volume 6: Specifications for the Medicare Health Outcomes Survey*. Washington DC: NCQA Publication, 2004.

¹⁸ National Committee for Quality Assurance. *NCQA Quality Assurance Plan (QAP): 2004 Medicare Health Outcomes Survey Cohort 7 Baseline Administration and Cohort 5 Follow Up Administration*. Washington DC: NCQA Publication, Revised February 19, 2004.

¹⁹ SAS[®] is a registered trademark of SAS Institute Inc., Cary, NC.

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.**

After the HOS data file was cleaned and edited, the file was separated into two data files: (1) *Cohort VII Baseline* and (2) *Cohort V 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 VII Baseline* data file begin with “C7” 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 “7” represents *Cohort VII*.

General plan characteristics information, which was incorporated into the *Cohort VII Baseline* data file, was downloaded from the May 2004 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 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 data source for fields used in the *Cohort VII 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 VII Baseline* data file. There are a total of 228 fields in the data file. The file is a SAS® data file and was generated using SAS® version 9.1.3.

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 Manual.

| 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). This was the beneficiary level unit of analysis for the <i>Cohort VII Baseline</i> Report |
| 2 | C7PATID Anonymous Beneficiary ID | Num | 8 | Unique number assigned to each beneficiary in the <i>Cohort VII Baseline</i> sample |
| 3 | C7PLAN Anonymous Plan ID | Num | 8 | Unique number assigned to each participating plan in the <i>Cohort VII Baseline</i> sample |
| 4 | C7RECID Record ID | Char | 1 | Record identifier containing a tilde character “~” |
| 5 | C7RPTYR Report Year | Num | 8 | Measurement year for the <i>Cohort VII Baseline</i> sample |
| 6 | C7CNTRNM Plan Contract Number | Char | 5 | Plan contract number representing the beneficiary’s plan assignment at the time of the <i>Cohort VII Baseline</i> sampling in 2004. This was the plan unit of analysis for the <i>Cohort VII Baseline</i> Report |
| 7 | C7PLANNM Plan Name | Char | 50 | Plan name from the <i>Cohort VII Baseline</i> header record |
| 8 | C7LNBUS Plan Line of Business | Num | 3 | Plan line of business from the <i>Cohort VII Baseline</i> header record. Please note, the field is blank for all records since field C7PLTYPE is utilized. |
| 9 | C7MODEL Plan Model Type | Num | 3 | Plan model type from the <i>Cohort VII Baseline</i> header record. Please note, the field is blank for all records since field C7PLMODL is utilized. |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|--|------------|--------------|---|
| 10 | C7MARKET Plan Market Area | Char | 2 | CMS market area indicator, if applicable (field is blank since market area is not applicable for the <i>Cohort VII Baseline</i> survey) |
| 11 | C7VENDOR Survey Vendor | Num | 3 | <i>Cohort VII Baseline</i> survey vendors: 1 = DSS 2 = GHS 3 = Solucient 4 = Synovate 5 = DataStat, Inc. |
| 12 | C7HTHID Healthcare Organization ID | Char | 7 | Healthcare Organization ID assigned for the plan by NCQA |
| 13 | C7SUBID Submission ID | Char | 6 | Submission ID assigned for the plan by NCQA |
| 14 | C7SPECID Special Area ID | Char | 10 | Special Area ID assigned for the plan by NCQA |
| 15 | C7PLANID Plan ID | Char | 6 | Plan identifier representing the beneficiary's plan assignment at the time of the <i>Cohort VII Baseline</i> sampling in 2004. |
| 16 | C7FNAME Beneficiary's First Name | Char | 15 | Beneficiary's first name from the <i>Cohort VII Baseline</i> member level record |
| 17 | C7MI Beneficiary's Middle Initial | Char | 1 | Beneficiary's middle initial from the <i>Cohort VII Baseline</i> member level record |
| 18 | C7LNAME Beneficiary's Last Name | Char | 24 | Beneficiary's last name from the <i>Cohort VII Baseline</i> member level record |
| 19 | C7ADDRSS Beneficiary's Mailing Address | Char | 132 | Beneficiary's mailing address from the <i>Cohort VII Baseline</i> member level record |
| 20 | C7STATE Social Security Administration (SSA) State Code | Char | 2 | Beneficiary's SSA state code from the <i>Cohort VII Baseline</i> member level record |
| 21 | C7STABV SSA State Abbreviation | Char | 2 | Beneficiary's two letter state abbreviation based on the <i>Cohort VII Baseline</i> SSA state code (C7STATE) |
| 22 | C7STNAME State Name | Char | 20 | Beneficiaries SSA state name based on the <i>Cohort VII Baseline</i> SSA state code (C7STATE) |
| 23 | C7COUNTY SSA County Code | Char | 3 | Beneficiary's SSA county code from the <i>Cohort VII Baseline</i> member level record |
| 24 | C7CTNAME County Name | Char | 25 | Beneficiary's SSA county name based on the <i>Cohort VII Baseline</i> SSA county code (C7COUNTY) |
| 25 | C7ZIPCOD Beneficiary's ZIP Code | Char | 9 | Beneficiary's ZIP code from the <i>Cohort VII Baseline</i> member level record |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 26 | C7RACE Beneficiary's Race | Num | 3 | Beneficiary's race from the <i>Cohort VII 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 | C7GENDER Beneficiary's Gender | Num | 3 | Beneficiary's gender from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: 1 = Male 2 = Female |
| 28 | C7SSN Beneficiary's Social Security Number | Char | 9 | Beneficiary's Social Security Number from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: (Nine digit number – without hyphens) |
| 29 | C7DOB Beneficiary's Date of Birth | Char | 8 | Beneficiary's date of birth from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: MMDDYYYY format |
| 30 | C7DOD Beneficiary's Date of Death | Char | 8 | Beneficiary's date of death from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: (field is blank for all records) |
| 31 | C7ACCRDT Beneficiary's Accretion Date | Char | 8 | Beneficiary's accretion date from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: MMDDYYYY format |
| 32 | C7TERMDT Beneficiary's Termination Date | Char | 8 | Beneficiary's termination date from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: MMDDYYYY format |
| 33 | C7ESRDID Beneficiary's End State Renal Disease (ESRD) Status | Num | 3 | Beneficiary's ESRD status from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: 0 = No ESRD 1 = ESRD |
| 34 | C7INSTUT Beneficiary's Institutional Status | Num | 3 | Beneficiary's institutional status from the <i>Cohort VII 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 | C7HOSPIC Beneficiary's Hospice Status | Num | 3 | Beneficiary's hospice status from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: 0 = No hospice start date present 1 = Hospice start date present |
| 36 | C7MEDICD Beneficiary's Medicaid Status | Num | 3 | Beneficiary's Medicaid status from the <i>Cohort VII Baseline</i> member level record. This information is derived from CMS' EDB: 0 = Out of Medicaid 1 = In Medicaid |
| 37 | C7RSENT Beneficiary's Reason for Entitlement | Num | 3 | Beneficiary's reason for entitlement from the <i>Cohort VII 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 | C7PROTIF Beneficiary's Protocol Identifier Flag | Num | 3 | Beneficiary's protocol identifier flag from the <i>Cohort VII 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 | C7RESPC5 Beneficiary's Response to Q56 of the <i>Cohort V Baseline</i> Survey | Char | 50 | Beneficiary's response to Q56 of the <i>Cohort V Baseline</i> Survey: "What is the name of the person who completed this survey form?" |
| 40 | C7SURIND Survey Indicator | Num | 3 | Survey indicator: 1 = Baseline survey only 2 = Follow Up survey only 3 = Both Baseline and Follow Up surveys |
| 41 | C7GENHTH General Health Question (Q1) | Num | 3 | Beneficiary's response to Q1 from the <i>Cohort VII 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 | C7HTHTRN Health Transition Question (Q2) | Num | 3 | Beneficiary's response to Q2 from the <i>Cohort VII 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 | C7VIGACT Vigorous Activities Question (Q3a) | Num | 3 | Beneficiary's response to Q3a from the <i>Cohort VII 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 | C7MODACT Moderate Activities Question (Q3b) | Num | 3 | Beneficiary's response to Q3b from the <i>Cohort VII 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 | C7LIFT Lifting Groceries Question (Q3c) | Num | 3 | Beneficiary's response to Q3c from the <i>Cohort VII 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 | C7CLMBSV Climbing Several Flights of Stairs Question (Q3d) | Num | 3 | Beneficiary's response to Q3d from the <i>Cohort VII 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 | C7CLMBON Climbing One Flight of Stairs Question (Q3e) | Num | 3 | Beneficiary's response to Q3e from the <i>Cohort VII 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 | C7BEND Bending, Kneeling, or Stooping Question (Q3f) | Num | 3 | Beneficiary's response to Q3f from the <i>Cohort VII 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 | C7WLKMI Walking More than a Mile Question (Q3g) | Num | 3 | Beneficiary's response to Q3g from the <i>Cohort VII 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 | C7WLKBKS Walking Several Blocks Question (Q3h) | Num | 3 | Beneficiary's response to Q3h from the <i>Cohort VII 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 | C7WLK1BK Walking One Block Question (Q3i) | Num | 3 | Beneficiary's response to Q3i from the <i>Cohort VII 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 | C7BATHDR Bathing and Dressing Question (Q3j) | Num | 3 | Beneficiary's response to Q3j from the <i>Cohort VII 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 | C7PCUTTM Physical Health Limiting Time Spent on Activities Question (Q4a) | Num | 3 | Beneficiary's response to Q4a from the <i>Cohort VII Baseline</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No |
| 54 | C7PACMPL Physical Health Limiting Amount Accomplished Question (Q4b) | Num | 3 | Beneficiary's response to Q4b from the <i>Cohort VII Baseline</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Accomplished less than you would like</u> 1 = Yes 2 = No |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|---|
| 55 | C7PLMTKW Physical Health Limiting the Kind of Activities Question (Q4c) | Num | 3 | Beneficiary's response to Q4c from the <i>Cohort VII Baseline</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Were limited in the kind of work or other activities</u> 1 = Yes 2 = No |
| 56 | C7PDIFWK Physical Health Causing Difficulty Performing Activities Question (Q4d) | Num | 3 | Beneficiary's response to Q4d from the <i>Cohort VII Baseline</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?</i> <u>Had difficulty performing the work or other activities</u> 1 = Yes 2 = No |
| 57 | C7ECUTTM Emotional Problems Limiting Time Spent on Activities Question (Q5a) | Num | 3 | Beneficiary's response to Q5a from the <i>Cohort VII Baseline</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems?</i> <u>Cut down on the amount of time you spent on work or other activities</u> 1 = Yes 2 = No |
| 58 | C7EACMPL Emotional Problems Limiting Amount Accomplished Question (Q5b) | Num | 3 | Beneficiary's response to Q5b from the <i>Cohort VII Baseline</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems?</i> <u>Accomplished less than you would like</u> 1 = Yes 2 = No |
| 59 | C7ENTCRF Emotional Problems Limiting Carefulness Question (Q5c) | Num | 3 | Beneficiary's response to Q5c from the <i>Cohort VII Baseline</i> survey: <i>During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems?</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 | C7SOCLMT Extent Health Interfering with Social Activities Question (Q6) | Num | 3 | Beneficiary's response to Q6 from the <i>Cohort VII 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 | C7PNMAGT Bodily Pain Question (Q7) | Num | 3 | Beneficiary's response to Q7 from the <i>Cohort VII 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 | C7PNINTF Pain Interfering with Work Question (Q8) | Num | 3 | Beneficiary's response to Q8 from the <i>Cohort VII 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 | C7FULPEP Full of Pep Question (Q9a) | Num | 3 | Beneficiary's response to Q9a from the <i>Cohort VII 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 | C7NERVS Nervous Question (Q9b) | Num | 3 | Beneficiary's response to Q9b from the <i>Cohort VII 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 | C7DNDMPS Down in the Dumps Question (Q9c) | Num | 3 | Beneficiary's response to Q9c from the <i>Cohort VII 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 | C7PCEFUL Calm and Peaceful Question (Q9d) | Num | 3 | Beneficiary's response to Q9d from the <i>Cohort VII 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 | C7ENERGY Lots of Energy Question (Q9e) | Num | 3 | Beneficiary's response to Q9e from the <i>Cohort VII 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 | C7BLSAD Downhearted and Blue Question (Q9f) | Num | 3 | Beneficiary's response to Q9f from the <i>Cohort VII 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 | C7WRNOUT Feeling Worn Out Question (Q9g) | Num | 3 | Beneficiary's response to Q9g from the <i>Cohort VII 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 | C7HAPPY Happy Question (Q9h) | Num | 3 | Beneficiary's response to Q9h from the <i>Cohort VII 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 | C7TIRED Feeling Tired Question (Q9i) | Num | 3 | Beneficiary's response to Q9i from the <i>Cohort VII 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 | C7SCLACT Amount of Time Health Interfering with Social Activities Question (Q10) | Num | 3 | Beneficiary's response to Q10 from the <i>Cohort VII 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 | C7SCKESY Sick Easier Question (Q11a) | Num | 3 | Beneficiary's response to Q11a from the <i>Cohort VII 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 | C7ASHLTH As Healthy Question (Q11b) | Num | 3 | Beneficiary's response to Q11b from the <i>Cohort VII 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 | C7HTHWSE Future Health Question (Q11c) | Num | 3 | Beneficiary's response to Q11c from the <i>Cohort VII 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 | C7HTHEXT Excellent Health Question (Q11d) | Num | 3 | Beneficiary's response to Q11d from the <i>Cohort VII 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 | C7DIFBTH Bathing Question (Q12a) | Num | 3 | Beneficiary's response to Q12a from the <i>Cohort VII 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 | C7DIFDRS Dressing Question (Q12b) | Num | 3 | Beneficiary's response to Q12b from the <i>Cohort VII 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 | C7DIFEAT Eating Question (Q12c) | Num | 3 | Beneficiary's response to Q12c from the <i>Cohort VII 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 | C7DIFCHR Getting In or Out of Chairs Question (Q12d) | Num | 3 | Beneficiary's response to Q12d from the <i>Cohort VII 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 | C7DIFWLK Walking Question (Q12e) | Num | 3 | Beneficiary's response to Q12e from the <i>Cohort VII 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 | C7DIFTOL Using the Toilet Question (Q12f) | Num | 3 | Beneficiary's response to Q12f from the <i>Cohort VII 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 |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|--|------------|--------------|---|
| 83 | C7PHYHTH Number of Days Physical Health Not Good (Q13) | Num | 3 | Beneficiary's response to Q13 from the <i>Cohort VII 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 | C7MENHTH Number of Days Mental Health Not Good (Q14) | Num | 3 | Beneficiary's response to Q14 from the <i>Cohort VII 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 | C7PORHTH Number of Days Health Interfered with Daily Activities (Q15) | Num | 3 | Beneficiary's response to Q15 from the <i>Cohort VII 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 | C7CPNEXR Chest Pain or Pressure During Exercise Question (Q16a) | Num | 3 | Beneficiary's response to Q16a from the <i>Cohort VII 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 | C7CPNRST Chest Pain or Pressure When Resting Question (Q16b) | Num | 3 | Beneficiary's response to Q16b from the <i>Cohort VII 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 | C7SOBFLT Shortness of Breath When Lying Flat Question (Q17a) | Num | 3 | Beneficiary's response to Q17a from the <i>Cohort VII 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 | C7SOBSIT Shortness of Breath When Sitting or Resting Question (Q17b) | Num | 3 | Beneficiary's response to Q17b from the <i>Cohort VII 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 | C7SOBWLK Shortness of Breath When Walking Less than One Block Question (Q17c) | Num | 3 | Beneficiary's response to Q17c from the <i>Cohort VII 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 | C7SOBSTR Shortness of Breath When Climbing One Flight of Stairs Question (Q17d) | Num | 3 | Beneficiary's response to Q17d from the <i>Cohort VII 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 | C7NMBFET Numbness in Feet Question (Q18a) | Num | 3 | Beneficiary's response to Q18a from the <i>Cohort VII 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 |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 93 | C7TINGFT Foot Tingling or Burning Question (Q18b) | Num | 3 | Beneficiary's response to Q18b from the <i>Cohort VII 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 sensation in your feet especially at night</u> 1 = All of the time 2 = Most of the time 3 = Some of the time 4 = A little of the time 5 = None of the time |
| 94 | C7DECSNS Decreased Temperature Sensation in Feet Question (Q18c) | Num | 3 | Beneficiary's response to Q18c from the <i>Cohort VII 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 | C7DECHEL Sores or Wounds on Feet Question (Q18d) | Num | 3 | Beneficiary's response to Q18d from the <i>Cohort VII 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 | C7PARLYS Paralysis or Weakness Question (Q19a) | Num | 3 | Beneficiary's response to Q19a from the <i>Cohort VII 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 | C7LSTTLK Lost Ability to Talk Question (Q19b) | Num | 3 | Beneficiary's response to Q19b from the <i>Cohort VII 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 |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 98 | C7RDNEW Vision Question (Q20) | Num | 3 | Beneficiary's response to Q20 from the <i>Cohort VII 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 | C7HRMOST Hearing Question (Q21) | Num | 3 | Beneficiary's response to Q21 from the <i>Cohort VII 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 | C7CTRURN Difficulty Controlling Urination Question (Q22) | Num | 3 | Beneficiary's response to Q22 from the <i>Cohort VII Baseline</i> survey: <i>Do you have difficulty controlling urination?</i> 1 = Yes 2 = No |
| 101 | C7HIGHBP Hypertension Question (Q23) | Num | 3 | Beneficiary's response to Q23 from the <i>Cohort VII 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 | C7ANGCAD Angina Pectoris or Coronary Artery Disease Question (Q24) | Num | 3 | Beneficiary's response to Q24 from the <i>Cohort VII 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 | C7CHF Congestive Heart Failure Question (Q25) | Num | 3 | Beneficiary's response to Q25 from the <i>Cohort VII Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Congestive heart failure</u> 1 = Yes 2 = No |
| 104 | C7AMI Myocardial Infarction Question (Q26) | Num | 3 | Beneficiary's response to Q26 from the <i>Cohort VII 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 |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 105 | C7OTHHRT Other Heart Conditions Question (Q27) | Num | 3 | Beneficiary's response to Q27 from the <i>Cohort VII 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 | C7STROKE Stroke Question (Q28) | Num | 3 | Beneficiary's response to Q28 from the <i>Cohort VII Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>A stroke</u> 1 = Yes 2 = No |
| 107 | C7COPD_E COPD Question (Q29) | Num | 3 | Beneficiary's response to Q29 from the <i>Cohort VII Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Emphysema, or asthma, or COPD (Chronic Obstructive Pulmonary Disease)</u> 1 = Yes 2 = No |
| 108 | C7GI_ETC Inflammatory Bowel Disease Question (Q30) | Num | 3 | Beneficiary's response to Q30 from the <i>Cohort VII 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 | C7ATHHIP Arthritis of Hip or Knee Question (Q31) | Num | 3 | Beneficiary's response to Q31 from the <i>Cohort VII 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 | C7ATHHAN Arthritis of Hand or Wrist Question (Q32) | Num | 3 | Beneficiary's response to Q32 from the <i>Cohort VII 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 | C7SCIATC Sciatica Question (Q33) | Num | 3 | Beneficiary's response to Q33 from the <i>Cohort VII Baseline</i> survey: <i>Has a doctor ever told you that you had:</i> <u>Sciatica (pain or numbness that travels down your leg to below your knee)</u> 1 = Yes 2 = No |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|---|
| 112 | C7DIABET Diabetes Question (Q34) | Num | 3 | Beneficiary's response to Q34 from the <i>Cohort VII 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 | C7ANYCAN Any Cancer Question (Q35) | Num | 3 | Beneficiary's response to Q35 from the <i>Cohort VII 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 | C7ARTHPN Arthritis Pain Question (Q36) | Num | 3 | Beneficiary's response to Q36 from the <i>Cohort VII 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 | C7COLNCA Colorectal Cancer Treatment Question (Q37a) | Num | 3 | Beneficiary's response to Q37a from the <i>Cohort VII Baseline</i> survey: <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 | C7LUNGCA Lung Cancer Treatment Question (Q37b) | Num | 3 | Beneficiary's response to Q37b from the <i>Cohort VII Baseline</i> survey: <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 | C7BRSTCA Breast Cancer Treatment Question (Q37c) | Num | 3 | Beneficiary's response to Q37c from the <i>Cohort VII Baseline</i> survey: <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 | C7PROSCA Prostate Cancer Treatment Question (Q37d) | Num | 3 | Beneficiary's response to Q37d from the <i>Cohort VII Baseline</i> survey: <i>If you answered "yes" to question 35 above (that you have had cancer), Are you currently under treatment for:</i> <u>Prostate cancer</u> 1 = Yes 2 = No |
| 119 | C7BACKPN Low Back Pain Question (Q38) | Num | 3 | Beneficiary's response to Q38 from the <i>Cohort VII Baseline</i> survey: <i>In the past 4 weeks, how often has low back pain interfered with your usual daily activities (work, school or housework)?</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 | C7FELTSD Two Weeks of Depression Question (Q39) | Num | 3 | Beneficiary's response to Q39 from the <i>Cohort VII 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 | C7DEPMCH Depression Much of the Time Question (Q40) | Num | 3 | Beneficiary's response to Q40 from the <i>Cohort VII Baseline</i> survey: <i>In the past year, have you felt depressed or sad much of the time?</i> 1 = Yes 2 = No |
| 122 | C7DEP2YR Depression Most of the Time Question (Q41) | Num | 3 | Beneficiary's response to Q41 from the <i>Cohort VII 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 | C7CMPHTH Comparative Health Question (Q42) | Num | 3 | Beneficiary's response to Q42 from the <i>Cohort VII Baseline</i> survey: <i>In general, compared to other people your age, would you say that your health is:</i> 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|---|
| 124 | C7SMKFRQ Current Smoker Question (Q43) | Num | 3 | Beneficiary's response to Q43 from the <i>Cohort VII 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 | C7URNLKG Urine Leakage Question (Q44) | Num | 3 | Beneficiary's response to Q44 from the <i>Cohort VII 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 | C7URNMAG Magnitude of Urine Leakage Problem Question (Q45) | Num | 3 | Beneficiary's response to Q45 from the <i>Cohort VII 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 | C7URNDOC Talked with Doctor about Urine Leakage Question (Q46) | Num | 3 | Beneficiary's response to Q46 from the <i>Cohort VII Baseline</i> survey: <i>Have you talked with your current doctor or other health provider about your urine leakage problem?</i> 1 = Yes (Go to Q47) 2 = No (Go to Q48) |
| 128 | C7URNTRT Received Treatment for Urine Leakage Question (Q47) | Num | 3 | Beneficiary's response to Q47 from the <i>Cohort VII Baseline</i> survey: <i>There are many ways to treat urinary incontinence including bladder training, exercises, medication and surgery. Have you received these or any other treatments for your current urine leakage problem?</i> 1 = Yes 2 = No |
| 129 | C7BRTHYR Survey Reported Year of Birth Question (Q48) | Char | 4 | Beneficiary's response to Q48 from the <i>Cohort VII Baseline</i> survey: <i>In what year were you born?</i> |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 130 | C7SV_GND Survey Reported Gender Question (Q49) | Num | 3 | Beneficiary's response to Q49 from the <i>Cohort VII Baseline</i> survey: <i>Are you male or female?</i> 1 = Male 2 = Female |
| 131 | C7HISPAN Hispanic Question (Q50) | Num | 3 | Beneficiary's response to Q50 from the <i>Cohort VII Baseline</i> survey: <i>Are you of Hispanic or Spanish family background?</i> 1 = Yes 2 = No |
| 132 | C7SV_RAC Survey Reported Race Question (Q51) | Num | 3 | Beneficiary's response to Q51 from the <i>Cohort VII 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 | C7MARITL Marital Status Question (Q52) | Num | 3 | Beneficiary's response to Q52 from the <i>Cohort VII Baseline</i> survey: <i>What is your current marital status?</i> 1 = Married 2 = Divorced 3 = Separated 4 = Widowed 5 = Never married |
| 134 | C7EDUC Education Question (Q53) | Num | 3 | Beneficiary's response to Q53 from the <i>Cohort VII 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 |
| 135 | C7HMOWN Housing Question (Q54) | Num | 3 | Beneficiary's response to Q54 from the <i>Cohort VII 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 |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 136 | C7WHOCMP Who Completed this Survey Question (Q55) | Num | 3 | Beneficiary's response to Q55 from the <i>Cohort VII 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 | C7NMCOMP Name of Person Who Completed this Survey Question (Q56) | Char | 52 | Beneficiary's response to Q56 from the <i>Cohort VII Baseline</i> survey: <i>What is the name of the person who completed this survey form?</i> |
| 138 | C7HHINC Annual Household Income Question (Q57) | Num | 3 | Beneficiary's response to Q57 from the <i>Cohort VII 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 |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|---|
| 139 | C7SRVDSP Survey Disposition | Char | 3 | <p>Survey disposition from the <i>Cohort VII</i> Baseline 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 MA Plan</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 | C7RNDNUM Survey Round | Char | 2 | <p>Survey round obtained from the <i>Cohort VII</i> Baseline 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 | C7SVLANG Survey Language | Num | 3 | <p><i>Cohort VII</i> Baseline survey language:</p> <p>1 = English</p> <p>2 = Spanish</p> <p>3 = Not Applicable</p> <p>4 = Chinese</p> |
| 142 | C7VUCATI 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> |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|---|
| 143 | C7SVDATE Date Survey Was Completed | Char | 8 | Date the <i>Cohort VII Baseline</i> mail survey was received by the vendor or the date the telephone interview was conducted MMDDYYYY format |
| 144 | C7MCONUM Beneficiary's Phone Number | Num | 3 | Beneficiary's phone number provided by the MCO: 1 = Yes 2 = No |
| 145 | C7SPANFL Spanish Protocol Flag | Num | 3 | Spanish version flag: 1 = Yes, the member was sent Spanish materials 2 = No, the member was not sent Spanish materials |
| 146 | C7EXCLUD 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 | C7CHIN Chinese Protocol Flag | Num | 3 | Chinese protocol flag: 0 = No 1 = Yes, member of a Chinese language plan |
| 148 | C7DISP Survey Disposition Indicator | Num | 3 | <i>Cohort VII Baseline</i> respondent's survey disposition indicator: 1 = Mail survey completed 2 = Telephone survey completed |
| 149 | C7PACE 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 Please Note, PACE plans did not participate in the <i>Cohort VII Baseline</i> survey. |
| 150 | C7INVSrv 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 MA Plan 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 | C7PCTCMP Percent of the Survey Completed | Num | 8 | Calculated percent of the <i>Cohort VII Baseline</i> survey completed |
| 152 | C7CMPSRV Completed Survey Indicator | Num | 3 | A flag created to indicate that 80% of the <i>Cohort VII Baseline</i> survey was completed: 0 = No 1 = Yes |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|---|
| 153 | C7CMPFLG 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 VII Baseline</i> survey: 0 = No name provided 1 = Name provided |
| 154 | C7EDOB Elapsed Date of Birth | Num | 8 | Beneficiary's elapsed date of birth which, in combination with the elapsed survey date (C7ESVDT2), was used to calculate age (C7AGE): MMDDYY10. format |
| 155 | C7EACRDT Elapsed Date of Accretion into Plan | Num | 8 | Beneficiary's elapsed date of accretion into plan: MMDDYY10. format |
| 156 | C7EACLMT Elapsed Date of Accretion Limit | Num | 8 | Beneficiary's elapsed date of accretion limit (03/01/2004 for all records): MMDDYY10. format |
| 157 | C7ESVDT Elapsed Survey Date | Num | 8 | Beneficiary's elapsed survey date: MMDDYY10. format |
| 158 | C7ESVDT2 Elapsed Survey Date With Missing Values Imputed | Num | 8 | Elapsed survey date created from the original survey date (C7SVDATE). 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 |
| 159 | C7AGE Beneficiary's Age | Num | 8 | Beneficiary's age calculated by subtracting the elapsed date of birth (C7EDOB) from the elapsed date of survey completion (C7ESVDT2) and dividing the result by 365.25 |
| 160 | C7AGECAT Beneficiary's Age Category | Num | 3 | Beneficiary's age category created from the beneficiary's age (C7AGE): 0 = C7AGE < 65 1 = C7AGE ≥ 65 and < 70 2 = C7AGE ≥ 70 and < 75 3 = C7AGE ≥ 75 and < 80 4 = C7AGE ≥ 80 |
| 161 | C7ENRDUR Beneficiary's Enrollment Duration | Num | 8 | Beneficiary's plan enrollment duration in months calculated by subtracting the accretion date (C7EACRDT) from the accretion limit (C7EACLMT) and dividing the result by 30 |
| 162 | C7ENRCAT Beneficiary's Enrollment Duration Category | Num | 3 | Beneficiary's enrollment duration category created from the enrollment duration (C7ENRDUR): 1 = Duration < 6 months 2 = Duration = 6 to 12 months 3 = Duration = 13 to 36 months 4 = Duration = 37 or more months |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|--|------------|--------------|--|
| 163 | C7RACEGP Beneficiary's Race Category | Num | 3 | Beneficiary's race category created from the <i>Cohort VII Baseline</i> member level race (C7RACE): 1 = White 2 = Black 3 = Other |
| 164 | C7MARCAT Beneficiary's Marital Status Category | Num | 3 | Beneficiary's marital status category created from the <i>Cohort VII Baseline</i> survey marital status question (C7MARITL): 1 = Married 2 = Divorced/Separated 3 = Widowed 4 = Never married |
| 165 | C7EDCAT Beneficiary's Education Level Category | Num | 3 | The beneficiary's education level category created from the <i>Cohort VII Baseline</i> survey education question (C7EDUC): 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 |
| 166 | C7INCCAT Beneficiary's Annual Household Income Category | Num | 3 | Beneficiary's annual household income category created from the <i>Cohort VII Baseline</i> survey annual household income question (C7HHINC): 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 |
| 167 | C7DEPRSS 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 VII Baseline</i> survey. 0 = Negative 1 = Positive |
| 168 | C7COMO 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 VII Baseline</i> survey chronic medical condition questions (Q23 through Q35) |
| 169 | C7COMOCT Number of Chronic Conditions Category | Num | 3 | Beneficiary's number of chronic conditions category created from the number of chronic conditions (C7COMO). 0 = No conditions 1 = One condition 2 = Two conditions 3 = Three conditions 4 = Four or more conditions |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|----------------|--|-------------------|---------------------|---|
| 170 | C7RAWPF Physical Functioning Scale Raw Score | Num | 8 | Beneficiary's physical functioning scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 171 | C7RAWRP Role-Physical Scale Raw Score | Num | 8 | Beneficiary's role-physical scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 172 | C7RAWBP Bodily Pain Scale Raw Score | Num | 8 | Beneficiary's bodily pain scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 173 | C7RAWGH General Health Scale Raw Score | Num | 8 | Beneficiary's general health scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 174 | C7RAWVT Vitality Scale Raw Score | Num | 8 | Beneficiary's vitality scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 175 | C7RAWSF Social Functioning Scale Raw Score | Num | 8 | Beneficiary's social functioning scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 176 | C7RAWRE Role-Emotional Scale Raw Score | Num | 8 | Beneficiary's role-emotional scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 177 | C7RAWMH Mental Health Scale Raw Score | Num | 8 | Beneficiary's mental health scale raw score calculated from the <i>Cohort VII Baseline</i> survey |
| 178 | C7PF 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 VII Baseline</i> survey |
| 179 | C7RP 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 VII Baseline</i> survey |
| 180 | C7BP 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 VII Baseline</i> survey |
| 181 | C7GH 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 VII Baseline</i> survey |
| 182 | C7VT Vitality Scale Transformed Score | Num | 8 | Beneficiary's vitality scale percentage-based transformed score ranging from 0 to 100 calculated from the <i>Cohort VII Baseline</i> survey |
| 183 | C7SF 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 VII Baseline</i> survey |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 184 | C7RE 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 VII Baseline</i> survey |
| 185 | C7MH 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 VII Baseline</i> survey |
| 186 | C7PF_Z98 Physical Functioning Scale Standardized Score | Num | 8 | Beneficiary's physical functioning scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 187 | C7RP_Z98 Role-Physical Scale Standardized Score | Num | 8 | Beneficiary's role-physical scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 188 | C7BP_Z98 Bodily Pain Scale Standardized Score | Num | 8 | Beneficiary's bodily pain scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 189 | C7GH_Z98 General Health Scale Standardized Score | Num | 8 | Beneficiary's general health scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 190 | C7VT_Z98 Vitality Scale Standardized Score | Num | 8 | Beneficiary's vitality scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 191 | C7SF_Z98 Social Functioning Scale Standardized Score | Num | 8 | Beneficiary's social functioning scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 192 | C7RE_Z98 Role-Emotional Scale Standardized Score | Num | 8 | Beneficiary's role-emotional scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 193 | C7MH_Z98 Mental Health Scale Standardized Score | Num | 8 | Beneficiary's mental health scale z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 194 | C7PRAW98 Physical Component Summary Raw Standardized Score | Num | 8 | Beneficiary's physical component summary raw z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |
| 195 | C7MRAW98 Mental Component Summary Raw Standardized Score | Num | 8 | Beneficiary's mental component summary raw z score calculated from the <i>Cohort VII Baseline</i> survey and based on 1998 general US population norms |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|---|
| 196 | C7PCS98 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 VII Baseline</i> analysis and reporting |
| 197 | C7MCS98 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 VII Baseline</i> analysis and reporting |
| 198 | C7PFS98 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 VII Baseline</i> analysis and reporting |
| 199 | C7RPS98 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 VII Baseline</i> analysis and reporting |
| 200 | C7BPS98 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 VII Baseline</i> analysis and reporting |
| 201 | C7GHS98 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 VII Baseline</i> analysis and reporting |
| 202 | C7VTS98 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 VII Baseline</i> analysis and reporting |
| 203 | C7SFS98 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 VII Baseline</i> analysis and reporting |
| 204 | C7RES98 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 VII Baseline</i> analysis and reporting |
| 205 | C7MHS98 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 VII Baseline</i> analysis and reporting |
| 206 | C7ADJPCS Adjusted Physical Component Summary (PCS) Score | Num | 8 | Beneficiary's case mix adjusted Physical Component Summary score created from C7PCS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---|------------|--------------|--|
| 207 | C7ADJMCS Adjusted Mental Component Summary (MCS) Score | Num | 8 | Beneficiary's case mix adjusted Mental Component Summary score created from C7MCS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 208 | C7ADJPFS Adjusted Physical Functioning (PF) Scale Score | Num | 8 | Beneficiary's case mix adjusted Physical Functioning scale score created from C7PFS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 209 | C7ADJRPS Adjusted Role-Physical (RP) Scale Score | Num | 8 | Beneficiary's case mix adjusted Role-Physical scale score created from C7RPS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 210 | C7ADJBPS Adjusted Bodily Pain (BP) Scale Score | Num | 8 | Beneficiary's case mix adjusted Bodily Pain scale score created from C7BPS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 211 | C7ADJGHS Adjusted General Health (GH) Scale Score | Num | 8 | Beneficiary's case mix adjusted General Health scale score created from C7GHS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 212 | C7ADJVTS Adjusted Vitality (VT) Scale Score | Num | 8 | Beneficiary's case mix adjusted Vitality scale score created from C7VTS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 213 | C7ADJSFS Adjusted Social Functioning (SF) Scale Score | Num | 8 | Beneficiary's case mix adjusted Social Functioning scale score created from C7SFS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 214 | C7ADJRES Adjusted Role-Emotional (RE) Scale Score | Num | 8 | Beneficiary's case mix adjusted Role-Emotional scale score created from C7RES98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 215 | C7ADJMHS Adjusted Mental Health (MH) Scale Score | Num | 8 | Beneficiary's case mix adjusted Mental Health scale score created from C7MHS98 which was used in the <i>Cohort VII Baseline</i> analysis and reporting |
| 216 | C7ANALYT Analytic Sample Indicator | Num | 8 | Analytic sample indicator for the <i>Cohort VII Baseline</i> respondents who were age 65 or older and who had calculatable PCS and MCS scores: 0 = No 1 = Yes |
| 217 | C7MONRPT 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 2004) used to obtain additional plan information at the time of the <i>Cohort VII Baseline</i> sampling in 2004 MMDDYY10. format |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|------------------------------|------------|--------------|---|
| 218 | C7PLTYPE Plan Type | Char | 3 | Plan type from the May 2004 CMS Monthly Report of Managed Care Health Plans: CMP = Competitive Medical Plan HMO=Health Maintenance Organization OTH = Other N/A = Not Available |
| 219 | C7PLMODL Plan Model | Char | 5 | Plan model from the May 2004 CMS Monthly Report of Managed Care Health Plans: GROUP = Group Practice Model STAFF = Staff Model IPA = Individual Practice Association Other = Other N/A = Not Available |
| 220 | C7PLPOP Plan Population | Num | 8 | Plan population from the May 2004 CMS Monthly Report of Managed Care Health Plans |
| 221 | C7PLDESC Plan Description | Char | 10 | Plan description from the May 2004 CMS Monthly Report of Managed Care Health Plans |
| 222 | C7PLANST Plan State | Char | 2 | Plan state designation from the May 2004 CMS Monthly Report of Managed Care Health Plans and represents the plan state at the time of <i>Cohort VII Baseline</i> sampling |
| 223 | C7PLTXST Plan Tax Status | Char | 3 | Plan tax status from the May 2004 CMS Monthly Report of Managed Care Health Plans: PRO = For Profit NON = Not For Profit N/A = Not Available |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|----------------|--|-------------------|---------------------|--|
| 224 | C7PLREG Plan CMS Region | Num | 3 | Plan CMS region from the May 2004 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) |
| 225 | C7PLSTDT Contract Start Date | Num | 8 | Contract start date from the May 2004 CMS Monthly Report of Managed Care Health Plans MMDDYY10. format |
| 226 | C7PLDUR Duration of Plan Contract | Num | 8 | Duration of plan contract in years calculated by subtracting the contract start date (C7PLSTDT) from beneficiary’s date of accretion limit (C7EACLMT) and dividing the result by 365.25 |
| 227 | C7PLNDCT Duration of Plan Contract Category | Num | 8 | Duration of plan contract categories created from duration of plan contract (C7PLDUR): 1 = Plan duration < 1 year 2 = Plan duration ≥ 1 and < 5 years 3 = Plan duration ≥ 5 and < 10 years 4 = Plan duration ≥ 10 years |

| FIELD # | FIELD NAME / DESCRIPTION | FIELD TYPE | FIELD LENGTH | ADDITIONAL INFORMATION AND VALID VALUES |
|---------|---------------------------------|------------|--------------|--|
| 228 | C7RPTST Reporting Plan State | Char | 2 | Reporting Plan State is the designated plan state obtained from the May 2004 CMS Monthly Report of Managed Care Health Plans, and was the state level unit of analysis for the <i>Cohort Baseline VII</i> report. Two national plans were designated as unique states. |