
**MEDICARE
HEALTH OUTCOMES SURVEY**

MULTIPLE COHORTS ANALYSIS

*LONGITUDINAL ANALYSIS OF
SF-36[®] SUMMARY SCORES IN THE
MEDICARE HEALTH OUTCOMES SURVEY*

Final Report

DELIVERABLE FOR TASK 9.10

MARCH 8, 2005

HSAG
HEALTH SERVICES
ADVISORY GROUP

CMS
CENTERS for MEDICARE & MEDICAID SERVICES

Multiple Cohorts Analysis
Longitudinal Analysis of SF-36^{®1} Summary Scores
in the Medicare Health Outcomes Survey
March 8, 2005

OBJECTIVE:

The purpose of this analysis is to examine changes in the Physical Component Summary (PCS) and Mental Component Summary (MCS) scores for beneficiaries of Medicare Advantage plans who completed a Medicare Health Outcomes Survey (HOS) at yearly intervals of the 1998 through 2002 survey administrations. The HOS instrument consists of three components: the SF-36^{®1} Health Survey; questions for case mix and risk adjustment purposes; and questions added by the Centers for Medicare & Medicaid Services (CMS) as required by the 1997 Balanced Budget Act. Beginning in 1998 and continuing annually, the HOS is administered to a randomly selected sample of individuals at baseline from each Medicare Advantage plan. The sampling methodology is dependent upon the plan's population. For Medicare Advantage plans with Medicare populations of more than 1,000 members, a simple random sample of 1,000 members is selected for the baseline survey. For Medicare Advantage plans with populations of 1,000 members or less, all eligible members are included in the sample for the baseline survey. For the two-year follow up survey administration, CMS identifies beneficiaries from the baseline sample who are eligible for remeasurement. Members are eligible for remeasurement if a PCS and MCS score can be calculated. Beneficiaries are excluded from follow up if they involuntarily or voluntarily disenrolled from their Medicare Advantage plan subsequent to the baseline survey, or if they are deceased, subsequent to the baseline survey.

For this analysis, a completed survey was defined as having a calculatable PCS and MCS score using the 1998 norm-based standard scoring algorithm. Analysis was limited to seniors, age 65 or older, who completed a survey. Completed baseline surveys were used from the 1998 and 1999 survey administrations. For those years where both baseline and follow up surveys were administered (2000, 2001, and 2002), a completed survey was included in the analysis if either a baseline or a follow up survey was completed in that year. The total number of beneficiaries who met these criteria was 682,311. To assess changes in PCS and MCS scores at yearly intervals, change scores were calculated by subtracting the scores in the first year from the scores in the second, third, fourth, or fifth year. As a result of market area changes between 1998 and 2002, the contract number was used as the unit of analysis for the Medicare Advantage plans. Beneficiaries remained in the analysis if their contract number did not change, with allowance given for selected contract merges and consolidations over time.

¹ SF-36[®] is a registered trademark of the Medical Outcomes Trust.

Multiple Cohorts Analysis (Continued)

RESULTS:

Beneficiary-Level Results

A total of 8,105 beneficiaries completed a survey three years in a row; 3,881 beneficiaries completed a survey four years in a row; and 668 beneficiaries completed a survey five years in a row. The mean PCS and MCS scores for all available surveys at each time point are summarized in Table 1. For beneficiaries who completed five surveys in a row, the annual mean PCS scores were 44.16, 43.26, 42.20, 41.50, and 40.22, and the mean year-to-year changes were -.90, -1.06, -.70, and -1.28, respectively. MCS scores indicate a similar pattern; however, the decline was smaller than for PCS scores. The annual mean MCS scores were 52.92, 52.44, 52.18, 52.28, and 51.74, and the mean year-to-year change scores were -.48, -.26, .10, and -.54, respectively. The mean changes in PCS and MCS scores across multiple time points are summarized in Table 2.

Plan-Level Results

The results above were based on all respondents who met the criteria for inclusion in the study. Since some plans have far fewer respondents than others, it was decided to repeat the analysis for only those plans that had fifty or more respondents that met the study criteria. So that each plan would have an equal representation in this analysis, the mean of the plan means was calculated.

A total of 43 contract numbers had 50 or more beneficiaries who completed three consecutive surveys (the total number of respondents for the 43 contract numbers combined was 6,001). Twenty contract numbers had 50 or more beneficiaries who completed four consecutive surveys (the total number of respondents for the 20 contract numbers combined was 2,336). Three contract numbers had 50 or more beneficiaries who completed five consecutive surveys (the total number of respondents for the three contract numbers combined was 453). The means and ranges of the PCS and MCS contract number means at each time point are shown in Table 3. In summary, for those beneficiaries who completed five consecutive surveys, the mean of the PCS contract number means for years one, two, three, four, and five, respectively, were as follows: 43.18, 42.05, 41.03, 40.23, and 39.19. The MCS contract number means for those beneficiaries who completed five consecutive surveys were: 51.95, 51.72, 51.21, 51.29, and 50.63. Table 4 shows the means and ranges of the mean contract number change scores across time points. For those beneficiaries who completed five consecutive surveys, the mean changes in PCS contract number means over one, two, three and four years, respectively, were as follows: -1.12, -2.15, -2.94, and -3.98. The changes in MCS contract number means were -0.23, -0.74, -0.66, and -1.32.

The mean PCS and MCS change scores by contract number, the rank ordered mean change scores by contract number, and the range of the beneficiary level change scores within each contract number are provided in Tables 5 through 10. Tables 5 and 6 highlight the two-year changes in PCS and MCS scores for the beneficiaries who completed three consecutive surveys; Tables 7 and 8 highlight the three-year changes for the beneficiaries

Multiple Cohorts Analysis (Continued)

who completed four consecutive surveys; and Tables 9 and 10 highlight the four-year changes for the beneficiaries who completed five consecutive surveys.

Tables 11 through 13 provide detailed information on the PCS and MCS means and ranges at each time point, as well as the mean changes in PCS and MCS scores across each time point. Table 11 provides information for the beneficiaries who completed three consecutive surveys; Table 12 provides information for the beneficiaries who completed four consecutive surveys; and Table 13 provides information for the beneficiaries who complete five consecutive surveys.

The results for the analyses of plan level PCS and MCS scores were very similar to the results for the analyses based on individual beneficiaries. For both the results based on individual beneficiaries and the results based on contract number level means, there was an approximately linear downward trend across years, which was more pronounced for the PCS scores than the MCS scores.

This longitudinal analysis reveals that PCS and MCS scores declined at an approximately constant rate over periods as long as five years. If these declines had either accelerated or decelerated over the third, fourth, and fifth year, then it could be argued that collecting data over these longer intervals would provide important new information about rates of decline in health status that would not be apparent over a two-year interval. However, this study demonstrated that health declines remained fairly constant over these longer intervals for this population. Therefore, the current HOS administrative procedure of following up on respondents after a two-year interval appears to be sufficient for accurately documenting rates of health decline.

Multiple Cohorts Analysis (Continued)

| Table 1 Mean PCS and MCS Scores of Beneficiaries ¹ Who Completed Three, Four, or Five Consecutive Surveys | | | | | | |
|---|------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Number of Consecutive Surveys | Measure | Year 1 Mean (SD) | Year 2 Mean (SD) | Year 3 Mean (SD) | Year 4 Mean (SD) | Year 5 Mean (SD) |
| 3 Consecutive (N=8,105) | PCS | 43.84 (11.16) | 42.84 (11.26) | 41.75 (11.60) | | |
| 4 Consecutive (N=3,881) | | 44.22 (10.95) | 43.29 (11.17) | 42.12 (11.51) | 41.45 (11.56) | |
| 5 Consecutive (N=668) | | 44.16 (10.76) | 43.26 (11.23) | 42.20 (11.35) | 41.50 (11.17) | 40.22 (11.40) |
| 3 Consecutive (N=8,105) | MCS | 52.57 (9.68) | 52.34 (9.95) | 51.80 (10.24) | | |
| 4 Consecutive (N=3,881) | | 52.84 (9.56) | 52.68 (9.75) | 52.33 (9.88) | 51.88 (10.18) | |
| 5 Consecutive (N=668) | | 52.92 (9.18) | 52.44 (9.68) | 52.18 (9.65) | 52.28 (9.61) | 51.74 (10.23) |

| Table 2 Mean Change in PCS and MCS Scores of Beneficiaries ¹ Who Completed Three, Four, or Five Consecutive Surveys | | | | | | |
|---|------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| Number of Consecutive Surveys | Measure | 1-Year Change Mean (SD) | 2-Year Change Mean (SD) | 3-Year Change Mean (SD) | 4-Year Change Mean (SD) | |
| 3 Consecutive (N=8,105) | PCS | -1.00 (8.02) | -2.09 (8.57) | | | |
| 4 Consecutive (N=3,881) | | -0.93 (8.02) | -2.10 (8.36) | -2.77 (8.92) | | |
| 5 Consecutive (N=668) | | -0.90 (8.55) | -1.96 (8.44) | -2.66 (9.34) | -3.94 (9.38) | |
| 3 Consecutive (N=8,105) | MCS | -0.23 (8.70) | -0.77 (9.36) | | | |
| 4 Consecutive (N=3,881) | | -0.15 (8.53) | -0.51 (8.99) | -0.95 (9.42) | | |
| 5 Consecutive (N=668) | | -0.49 (8.45) | -0.74 (8.98) | -0.64 (8.97) | -1.18 (9.08) | |

¹Age 65 or older

Multiple Cohorts Analysis (Continued)

| Table 3 Means and Ranges of the Contract Number ¹ Specific PCS and MCS Mean Scores | | | | | | | | | | | |
|--|------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|
| Number of Consecutive Surveys | Measure | Year 1 | | Year 2 | | Year 3 | | Year 4 | | Year 5 | |
| | | Mean (SD) | Mean Range | Mean (SD) | Mean Range | Mean (SD) | Mean Range | Mean (SD) | Mean Range | Mean (SD) | Mean Range |
| 3 Consecutive N=43 contract numbers (6,001 beneficiaries) | PCS | 43.91 (1.79) | (38.29 to 48.05) | 43.02 (1.80) | (36.98 to 46.28) | 41.88 (1.96) | (36.21 to 46.40) | | | | |
| 4 Consecutive N=20 contract numbers (2,336 beneficiaries) | | 44.37 (2.10) | (40.15 to 48.52) | 43.39 (2.06) | (38.84 to 46.34) | 42.55 (2.28) | (38.12 to 46.39) | 41.66 (2.39) | (36.90 to 46.02) | | |
| 5 Consecutive N=3 contract numbers (453 beneficiaries) | | 43.18 (2.24) | (40.06 to 44.58) | 42.05 (3.03) | (38.56 to 44.01) | 41.03 (2.35) | (38.33 to 42.62) | 40.23 (3.03) | (36.77 to 42.41) | 39.19 (3.48) | (35.23 to 41.72) |
| 3 Consecutive N=43 contract numbers (6,001 beneficiaries) | MCS | 52.77 (1.53) | (48.07 to 56.52) | 52.62 (1.45) | (47.29 to 55.17) | 52.16 (1.61) | (47.03 to 55.64) | | | | |
| 4 Consecutive N=20 contract numbers (2,336 beneficiaries) | | 53.11 (1.19) | (49.48 to 54.68) | 53.16 (1.46) | (48.98 to 55.21) | 52.89 (1.50) | (48.27 to 55.51) | 52.46 (1.81) | (47.35 to 55.26) | | |
| 5 Consecutive N=3 contract numbers (453 beneficiaries) | | 51.95 (2.11) | (49.59 to 53.65) | 51.72 (2.17) | (49.47 to 53.80) | 51.21 (2.66) | (48.26 to 53.41) | 51.29 (2.57) | (48.38 to 53.25) | 50.63 (2.17) | (48.35 to 52.67) |

| Table 4 Means and Ranges of the Contract Number ¹ Specific PCS and MCS Mean Change Scores | | | | | | | | | | |
|---|------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|--|
| Number of Consecutive Surveys | Measure | 1-Year Change | | 2-Year Change | | 3-Year Change | | 4-Year Change | | |
| | | Mean (SD) | Mean Range | Mean (SD) | Mean Range | Mean (SD) | Mean Range | Mean (SD) | Mean Range | |
| 3 Consecutive N=43 contract numbers (6,001 beneficiaries) | PCS | -0.89 (0.76) | (-2.32 to 0.81) | -2.02 (0.83) | (-4.16 to -0.33) | | | | | |
| 4 Consecutive N=20 contract numbers (2,336 beneficiaries) | | -0.98 (0.88) | (-2.70 to 0.20) | -1.82 (0.78) | (-3.02 to 0.34) | -2.71 (1.06) | (-5.32 to -0.35) | | | |
| 5 Consecutive N=3 contract numbers (453 beneficiaries) | | -1.12 (0.85) | (-2.04 to -0.34) | -2.15 (0.16) | (-2.26 to -1.96) | -2.94 (0.83) | (-3.82 to -2.17) | -3.98 (1.27) | (-5.37 to -2.86) | |
| 3 Consecutive N=43 contract numbers (6,001 beneficiaries) | MCS | -0.15 (0.83) | (-1.58 to 2.28) | -0.60 (0.95) | (-3.70 to 0.93) | | | | | |
| 4 Consecutive N=20 contract numbers (2,336 beneficiaries) | | 0.05 (0.62) | (-0.90 to 1.98) | -0.22 (0.78) | (-1.42 to 1.67) | -0.65 (1.28) | (-2.65 to 2.28) | | | |
| 5 Consecutive N=3 contract numbers (453 beneficiaries) | | -0.23 (0.45) | (-0.73 to 0.15) | -0.74 (0.55) | (-1.33 to -0.24) | -0.66 (0.47) | (-1.20 to -0.38) | -1.32 (0.39) | (-1.75 to -0.98) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three, four, or five consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 5 Summary of Contract Number Specific Two-Year Change in PCS Scores ¹ | | | | |
|---|--|--|---|---------------------|
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| PCS | -2.02 (0.83) | -4.16 (8.40) | (-28.58 to 17.13) | H3664 (N=52) |
| | | -3.59 (10.46) | (-34.01 to 28.47) | H5005 (N=56) |
| | | -3.23 (7.59) | (-20.77 to 16.01) | H9049 (N=74) |
| | | -3.07 (8.15) | (-31.75 to 22.40) | H2652 (N=158) |
| | | -2.93 (9.33) | (-37.48 to 21.80) | H5066 (N=87) |
| | | -2.86 (9.04) | (-25.16 to 22.73) | H3649 (N=86) |
| | | -2.84 (8.39) | (-30.45 to 18.99) | H5258 (N=102) |
| | | -2.83 (7.66) | (-27.35 to 19.80) | H9047 (N=207) |
| | | -2.75 (8.83) | (-21.35 to 24.45) | H3749 (N=96) |
| | | -2.63 (8.53) | (-27.87 to 21.11) | H3851 (N=54) |
| | | -2.60 (7.45) | (-27.85 to 11.56) | H0590 (N=60) |
| | | -2.59 (7.74) | (-28.55 to 16.05) | H9103 (N=78) |
| | | -2.53 (8.80) | (-32.07 to 24.75) | H0562 (N=126) |
| | | -2.48 (8.19) | (-26.33 to 17.54) | H1010 (N=98) |
| | | -2.41 (8.20) | (-22.38 to 27.30) | H2461 (N=277) |
| | | -2.34 (9.10) | (-28.65 to 30.05) | H1750 (N=202) |
| | | -2.18 (7.98) | (-23.89 to 26.58) | H0657 (N=312) |
| | | -2.15 (8.35) | (-25.30 to 22.64) | H2672 (N=77) |
| | | -2.11 (8.33) | (-31.94 to 18.44) | H1557 (N=107) |
| | | -2.11 (9.27) | (-22.13 to 32.57) | H3954 (N=58) |
| -2.08 (8.24) | (-41.89 to 20.18) | H0502 (N=250) | | |
| -2.07 (9.09) | (-27.07 to 28.50) | H0504 (N=101) | | |
| -2.05 (9.31) | (-35.87 to 15.86) | H1098 (N=79) | | |
| -2.00 (8.45) | (-29.59 to 28.43) | H5254 (N=148) | | |
| -1.99 (8.59) | (-28.50 to 27.16) | H3503 (N=407) | | |
| -1.89 (8.46) | (-28.76 to 27.34) | H2354 (N=364) | | |

¹N=6,001 beneficiaries in 43 contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 5, continued | | | | |
|--|--|--|---|---------------------|
| Summary of Contract Number Specific Two-Year Change in PCS Scores ¹ | | | | |
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| PCS | | -1.89 (8.26) | (-31.20 to 29.28) | H3359 (N=343) |
| | | -1.79 (9.54) | (-32.33 to 28.45) | H0752 (N=259) |
| | | -1.65 (7.61) | (-26.55 to 21.43) | H1651 (N=103) |
| | | -1.44 (7.52) | (-25.46 to 16.89) | H9028 (N=75) |
| | | -1.40 (8.30) | (-28.75 to 24.48) | H5149 (N=214) |
| | | -1.37 (7.94) | (-26.56 to 23.73) | H2204 (N=265) |
| | | -1.35 (8.12) | (-28.77 to 26.16) | H3673 (N=259) |
| | | -1.33 (8.12) | (-23.43 to 17.18) | H4590 (N=73) |
| | | -1.32 (8.81) | (-24.42 to 20.12) | H3253 (N=116) |
| | | -1.16 (9.43) | (-26.25 to 32.31) | H0524 (N=99) |
| | | -1.09 (8.23) | (-24.76 to 17.67) | H0564 (N=51) |
| | | -1.08 (9.08) | (-41.72 to 13.94) | H9101 (N=52) |
| | | -1.07 (8.89) | (-24.71 to 26.83) | H0543 (N=109) |
| | | -0.94 (9.69) | (-23.35 to 25.73) | H3378 (N=50) |
| | | -0.83 (7.74) | (-26.15 to 19.68) | H3655 (N=57) |
| | | -0.52 (7.84) | (-25.21 to 19.01) | H1349 (N=72) |
| | -0.33 (10.11) | (-22.83 to 27.15) | H5256 (N=88) | |

¹N=6,001 beneficiaries in 43 contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 6 Summary of Contract Number Specific Two-Year Change in MCS Scores ¹ | | | | |
|---|--|--|---|---------------------|
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| MCS | -0.60 (0.95) | -3.70 (10.42) | (-40.32 to 19.91) | H3253 (N=116) |
| | | -2.60 (9.03) | (-26.32 to 33.51) | H0590 (N=60) |
| | | -1.76 (8.55) | (-27.20 to 34.25) | H5149 (N=214) |
| | | -1.66 (9.87) | (-34.42 to 22.09) | H3655 (N=57) |
| | | -1.61 (9.72) | (-28.83 to 32.02) | H0504 (N=101) |
| | | -1.58 (9.50) | (-33.00 to 26.76) | H5258 (N=102) |
| | | -1.55 (9.65) | (-25.85 to 36.74) | H1098 (N=79) |
| | | -1.54 (10.29) | (-28.28 to 24.64) | H3749 (N=96) |
| | | -1.31 (8.80) | (-37.13 to 32.05) | H2204 (N=265) |
| | | -1.22 (8.80) | (-27.47 to 17.14) | H9028 (N=75) |
| | | -1.14 (9.49) | (-34.08 to 26.93) | H2354 (N=364) |
| | | -1.04 (11.80) | (-39.57 to 33.03) | H0502 (N=250) |
| | | -0.98 (8.41) | (-24.47 to 17.92) | H3649 (N=86) |
| | | -0.96 (8.75) | (-32.23 to 32.28) | H0543 (N=109) |
| | | -0.88 (5.87) | (-11.82 to 19.19) | H0564 (N=51) |
| | | -0.87 (9.18) | (-20.95 to 25.49) | H1349 (N=72) |
| | | -0.86 (9.16) | (-29.09 to 21.26) | H9049 (N=74) |
| | | -0.82 (9.10) | (-32.92 to 29.83) | H0752 (N=259) |
| | | -0.82 (9.24) | (-18.64 to 27.67) | H3664 (N=52) |
| | | -0.81 (8.63) | (-22.58 to 21.54) | H9103 (N=78) |
| | | -0.74 (8.45) | (-21.81 to 19.86) | H5256 (N=88) |
| | | -0.64 (8.60) | (-29.42 to 19.76) | H4590 (N=73) |
| | | -0.53 (10.31) | (-42.00 to 22.03) | H3851 (N=54) |
| -0.40 (9.39) | (-30.20 to 29.33) | H0657 (N=312) | | |
| -0.35 (10.71) | (-28.04 to 37.72) | H1010 (N=98) | | |
| -0.35 (8.54) | (-31.06 to 27.30) | H3503 (N=407) | | |

¹N=6,001 beneficiaries in 43 contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 6, continued | | | | |
|--|--|--|---|---------------------|
| Summary of Contract Number Specific Two-Year Change in MCS Scores ¹ | | | | |
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| MCS | | -0.33 (8.37) | (-36.10 to 21.00) | H1557 (N=107) |
| | | -0.22 (8.48) | (-33.17 to 32.44) | H3359 (N=343) |
| | | -0.15 (9.99) | (-26.32 to 34.43) | H2652 (N=158) |
| | | -0.05 (9.35) | (-30.76 to 24.05) | H5254 (N=148) |
| | | -0.04 (8.36) | (-28.66 to 32.83) | H2461 (N=277) |
| | | 0.01 (9.79) | (-20.65 to 20.72) | H5066 (N=87) |
| | | 0.09 (9.90) | (-23.71 to 28.64) | H9101 (N=52) |
| | | 0.18 (9.76) | (-30.43 to 28.01) | H3673 (N=259) |
| | | 0.19 (8.94) | (-31.91 to 32.26) | H1750 (N=202) |
| | | 0.19 (9.34) | (-41.19 to 36.39) | H9047 (N=207) |
| | | 0.34 (8.76) | (-20.20 to 38.25) | H0524 (N=99) |
| | | 0.45 (10.33) | (-36.25 to 32.53) | H0562 (N=126) |
| | | 0.60 (11.02) | (-21.43 to 30.19) | H3378 (N=50) |
| | | 0.76 (7.56) | (-17.42 to 31.98) | H5005 (N=56) |
| | | 0.81 (7.98) | (-26.64 to 25.68) | H1651 (N=103) |
| | | 0.92 (7.34) | (-20.46 to 19.61) | H2672 (N=77) |
| | 0.93 (8.66) | (-27.85 to 21.99) | H3954 (N=58) | |

¹N=6,001 beneficiaries in 43 contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 7 Summary of Contract Number Specific Three-Year Change in PCS Scores ¹ | | | | |
|---|--|--|---|---------------------|
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| PCS | -2.71 (1.06) | -5.32 (8.23) | (-30.93 to 13.14) | H9103 (N=61) |
| | | -3.77 (8.98) | (-29.04 to 13.59) | H2204 (N=64) |
| | | -3.75 (8.53) | (-35.03 to 15.51) | H9047 (N=53) |
| | | -3.38 (8.68) | (-24.20 to 27.48) | H0752 (N=152) |
| | | -3.36 (9.98) | (-23.76 to 26.71) | H2652 (N=83) |
| | | -3.25 (8.51) | (-42.47 to 22.14) | H0502 (N=159) |
| | | -3.07 (9.81) | (-28.54 to 25.29) | H0543 (N=66) |
| | | -3.02 (8.42) | (-24.13 to 20.05) | H1010 (N=82) |
| | | -2.78 (9.61) | (-28.54 to 37.54) | H2354 (N=157) |
| | | -2.76 (8.97) | (-32.22 to 24.77) | H0657 (N=207) |
| | | -2.65 (8.54) | (-22.60 to 21.02) | H3749 (N=66) |
| | | -2.56 (9.65) | (-20.98 to 21.41) | H5066 (N=59) |
| | | -2.50 (8.74) | (-24.54 to 28.26) | H1651 (N=95) |
| | | -2.50 (8.76) | (-31.93 to 28.97) | H3503 (N=287) |
| | | -2.44 (9.56) | (-26.37 to 31.89) | H0524 (N=86) |
| | | -2.36 (9.10) | (-28.56 to 29.07) | H3359 (N=273) |
| | | -1.71 (8.35) | (-22.73 to 23.65) | H1750 (N=166) |
| | | -1.58 (10.63) | (-35.46 to 28.32) | H5254 (N=114) |
| | | -1.08 (8.75) | (-19.54 to 21.94) | H0562 (N=51) |
| | | -0.35 (8.77) | (-25.86 to 24.33) | H1349 (N=55) |

¹N=2,336 beneficiaries in 20 contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 8 Summary of Contract Number Specific Three-Year Change in MCS Scores ¹ | | | | |
|---|--|--|---|---------------------|
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| MCS | -0.65 (1.28) | -2.65 (8.93) | (-27.95 to 16.97) | H9103 (N=61) |
| | | -2.13 (11.00) | (-33.93 to 30.79) | H0502 (N=159) |
| | | -2.02 (11.23) | (-47.68 to 32.34) | H2652 (N=83) |
| | | -1.68 (10.07) | (-37.57 to 25.05) | H2354 (N=157) |
| | | -1.61 (8.74) | (-29.24 to 32.97) | H0752 (N=152) |
| | | -1.40 (8.83) | (-23.39 to 28.12) | H0543 (N=66) |
| | | -1.37 (9.08) | (-30.05 to 14.76) | H1349 (N=55) |
| | | -1.31 (10.06) | (-40.76 to 27.95) | H1010 (N=82) |
| | | -1.27 (9.44) | (-29.10 to 23.02) | H3749 (N=66) |
| | | -1.07 (9.74) | (-30.45 to 44.05) | H0657 (N=207) |
| | | -0.63 (10.18) | (-25.43 to 39.00) | H2204 (N=64) |
| | | -0.50 (9.06) | (-31.97 to 19.46) | H0524 (N=86) |
| | | -0.43 (8.60) | (-33.19 to 31.62) | H3503 (N=287) |
| | | -0.39 (9.35) | (-27.65 to 27.39) | H5254 (N=114) |
| | | -0.11 (8.77) | (-25.39 to 31.70) | H3359 (N=273) |
| | | 0.41 (8.55) | (-20.25 to 21.69) | H5066 (N=59) |
| | | 0.44 (7.98) | (-24.45 to 24.60) | H1750 (N=166) |
| | | 0.50 (8.01) | (-36.07 to 18.64) | H1651 (N=95) |
| | | 1.89 (9.44) | (-20.75 to 35.55) | H0562 (N=51) |
| | | 2.28 (7.60) | (-13.80 to 30.25) | H9047 (N=53) |

¹N=2,336 beneficiaries in 20 contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 9 Summary of Contract Number Specific Four-Year Change in PCS Scores ¹ | | | | |
|--|--|--|---|---------------------|
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| PCS | -3.98 (1.27) | -5.37 (9.51) | (-32.14 to 21.23) | H0502 (N=103) |
| | | -3.73 (8.71) | (-29.02 to 15.27) | H0657 (N=145) |
| | | -2.86 (8.94) | (-27.89 to 25.20) | H3503 (N=205) |

| Table 10 Summary of Contract Number Specific Four-Year Change in MCS Scores ¹ | | | | |
|---|--|--|---|---------------------|
| Measure | Mean of Contract Number Specific Mean Changes (SD) | Rank Ordered Mean Change by Contract Number (SD) | Range of Beneficiary Level Changes by Contract Number | Contract Number (N) |
| MCS | -1.32 (0.39) | -1.75 (8.80) | (-21.93 to 31.75) | H3503 (N=205) |
| | | -1.24 (11.25) | (-25.23 to 32.35) | H0502 (N=103) |
| | | -0.98 (9.15) | (-27.99 to 25.52) | H0657 (N=145) |

¹N=453 beneficiaries in 3 contract numbers where 50 or more beneficiaries age 65 or older completed five consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11 Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | |
|---|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H0502 (N=250) | PCS | 1 | 38.29 (11.64) | (12.10 to 63.60) | -1.31 (7.76) | (-28.28 to 20.47) | -2.08 (8.24) | (-41.89 to 20.18) |
| | | 2 | 36.98 (11.92) | (12.25 to 68.48) | | | | |
| | | 3 | 36.21 (11.88) | (8.43 to 63.89) | | | | |
| | MCS | 1 | 48.07 (11.56) | (18.33 to 68.64) | 0.71 (10.29) | (-33.45 to 29.90) | -1.04 (11.80) | (-39.57 to 33.03) |
| | | 2 | 48.78 (11.21) | (15.87 to 69.09) | | | | |
| | | 3 | 47.03 (12.26) | (15.49 to 69.53) | | | | |
| H0504 (N=101) | PCS | 1 | 46.51 (11.24) | (17.99 to 64.64) | -0.69 (8.16) | (-22.08 to 30.97) | -2.07 (9.09) | (-27.07 to 28.50) |
| | | 2 | 45.82 (11.74) | (15.43 to 66.54) | | | | |
| | | 3 | 44.44 (12.07) | (17.19 to 61.10) | | | | |
| | MCS | 1 | 53.91 (9.29) | (22.74 to 65.12) | -0.68 (8.14) | (-39.12 to 16.37) | -1.61 (9.72) | (-28.83 to 32.02) |
| | | 2 | 53.23 (9.90) | (21.06 to 65.06) | | | | |
| | | 3 | 52.30 (10.45) | (18.36 to 64.87) | | | | |
| H0524 (N=99) | PCS | 1 | 44.43 (10.66) | (18.25 to 63.26) | -0.26 (8.39) | (-30.23 to 32.63) | -1.16 (9.43) | (-26.25 to 32.31) |
| | | 2 | 44.17 (11.04) | (13.73 to 64.42) | | | | |
| | | 3 | 43.27 (11.08) | (15.94 to 61.97) | | | | |
| | MCS | 1 | 51.07 (10.97) | (14.42 to 65.42) | -0.14 (8.94) | (-34.50 to 24.52) | 0.34 (8.76) | (-20.20 to 38.25) |
| | | 2 | 50.93 (11.70) | (18.36 to 67.40) | | | | |
| | | 3 | 51.41 (10.43) | (15.33 to 68.13) | | | | |
| H0543 (N=109) | PCS | 1 | 41.92 (12.31) | (17.13 to 63.53) | -0.64 (8.73) | (-20.96 to 27.19) | -1.07 (8.89) | (-24.71 to 26.83) |
| | | 2 | 41.28 (11.10) | (15.88 to 59.54) | | | | |
| | | 3 | 40.85 (12.11) | (19.65 to 60.17) | | | | |
| | MCS | 1 | 52.75 (10.97) | (16.76 to 70.96) | -0.41 (8.00) | (-30.92 to 34.16) | -0.96 (8.75) | (-32.23 to 32.28) |
| | | 2 | 52.34 (10.37) | (19.86 to 67.05) | | | | |
| | | 3 | 51.79 (9.97) | (22.63 to 67.57) | | | | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|-------|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | Range | 1-Year Change | | 2-Year Change | | |
| | | | | | Mean (SD) | Range | Mean (SD) | Range | Range |
| H0562 (N=126) | PCS | 1 | 43.37 (10.85) | (21.80 to 61.01) | | | | | |
| | | 2 | 41.62 (9.64) | (19.91 to 58.68) | -1.75 (8.58) | (-29.44 to 19.22) | | | |
| | | 3 | 40.84 (11.23) | (15.48 to 59.03) | | | -2.53 (8.80) | (-32.07 to 24.75) | |
| | MCS | 1 | 51.21 (10.42) | (24.36 to 68.98) | | | | | |
| | | 2 | 51.39 (11.35) | (16.79 to 68.64) | 0.18 (10.38) | (-26.71 to 32.52) | | | |
| | | 3 | 51.66 (10.49) | (14.13 to 66.42) | | | 0.45 (10.33) | (-36.25 to 32.53) | |
| H0564 (N=51) | PCS | 1 | 45.93 (9.90) | (22.20 to 60.29) | | | | | |
| | | 2 | 46.05 (10.53) | (21.42 to 59.16) | 0.12 (6.44) | (-15.47 to 17.85) | | | |
| | | 3 | 44.84 (11.39) | (17.32 to 62.22) | | | -1.09 (8.23) | (-24.76 to 17.67) | |
| | MCS | 1 | 56.52 (7.96) | (28.99 to 67.66) | | | | | |
| | | 2 | 55.17 (8.51) | (27.14 to 66.75) | -1.35 (6.18) | (-22.18 to 20.41) | | | |
| | | 3 | 55.64 (7.91) | (24.87 to 70.54) | | | -0.88 (5.87) | (-11.82 to 19.19) | |
| H0590 (N=60) | PCS | 1 | 42.82 (10.76) | (15.33 to 62.10) | | | | | |
| | | 2 | 41.98 (10.66) | (16.80 to 59.65) | -0.84 (7.31) | (-30.01 to 15.69) | | | |
| | | 3 | 40.22 (10.82) | (18.97 to 59.76) | | | -2.60 (7.45) | (-27.85 to 11.56) | |
| | MCS | 1 | 52.66 (9.27) | (19.61 to 64.34) | | | | | |
| | | 2 | 51.85 (8.78) | (32.25 to 63.20) | -0.81 (8.79) | (-20.48 to 33.63) | | | |
| | | 3 | 50.06 (10.00) | (23.26 to 63.43) | | | -2.60 (9.03) | (-26.32 to 33.51) | |
| H0657 (N=312) | PCS | 1 | 42.77 (10.87) | (11.79 to 60.88) | | | | | |
| | | 2 | 42.09 (11.04) | (14.37 to 60.38) | -0.68 (7.10) | (-33.16 to 19.17) | | | |
| | | 3 | 40.59 (11.11) | (12.47 to 67.08) | | | -2.18 (7.98) | (-23.89 to 26.58) | |
| | MCS | 1 | 51.40 (9.94) | (13.33 to 67.84) | | | | | |
| | | 2 | 51.59 (10.57) | (19.04 to 69.46) | 0.19 (9.18) | (-29.58 to 46.88) | | | |
| | | 3 | 51.00 (10.45) | (15.41 to 70.92) | | | -0.40 (9.39) | (-30.20 to 29.33) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H0752 (N=259) | PCS | 1 | 46.11 (10.42) | (18.55 to 63.00) | | | | | |
| | | 2 | 44.44 (11.18) | (18.43 to 60.75) | -1.67 (8.39) | (-33.85 to 33.22) | | | |
| | | 3 | 44.32 (11.35) | (16.36 to 63.32) | | | -1.79 (9.54) | (-32.33 to 28.45) | |
| | MCS | 1 | 53.28 (9.73) | (16.07 to 67.98) | | | | | |
| | | 2 | 52.50 (9.88) | (14.77 to 68.30) | -0.78 (9.26) | (-29.87 to 33.55) | | | |
| | | 3 | 52.46 (10.03) | (20.67 to 71.03) | | | -0.82 (9.10) | (-32.92 to 29.83) | |
| H1010 (N=98) | PCS | 1 | 44.26 (11.41) | (15.12 to 59.97) | | | | | |
| | | 2 | 41.95 (10.64) | (17.07 to 59.56) | -2.31 (7.67) | (-29.72 to 10.98) | | | |
| | | 3 | 41.78 (11.67) | (13.94 to 62.87) | | | -2.48 (8.19) | (-26.33 to 17.54) | |
| | MCS | 1 | 52.45 (10.12) | (18.33 to 68.94) | | | | | |
| | | 2 | 51.78 (11.65) | (14.21 to 68.10) | -0.67 (10.91) | (-36.91 to 35.65) | | | |
| | | 3 | 52.10 (10.39) | (21.87 to 66.24) | | | -0.35 (10.71) | (-28.04 to 37.72) | |
| H1098 (N=79) | PCS | 1 | 45.72 (11.29) | (15.44 to 61.73) | | | | | |
| | | 2 | 43.72 (11.46) | (17.76 to 60.21) | -2.00 (7.16) | (-25.68 to 14.52) | | | |
| | | 3 | 43.67 (11.58) | (16.38 to 59.72) | | | -2.05 (9.31) | (-35.87 to 15.86) | |
| | MCS | 1 | 53.16 (9.38) | (23.87 to 62.53) | | | | | |
| | | 2 | 53.30 (9.09) | (27.01 to 69.90) | 0.14 (8.18) | (-21.57 to 32.40) | | | |
| | | 3 | 51.61 (11.24) | (20.94 to 65.36) | | | -1.55 (9.65) | (-25.85 to 36.74) | |
| H1349 (N=72) | PCS | 1 | 42.52 (12.29) | (18.11 to 59.91) | | | | | |
| | | 2 | 42.86 (10.86) | (19.18 to 60.09) | 0.34 (8.08) | (-19.3 to 24.99) | | | |
| | | 3 | 42.00 (12.25) | (17.55 to 60.54) | | | -0.52 (7.84) | (-25.21 to 19.01) | |
| | MCS | 1 | 53.45 (8.54) | (28.95 to 72.34) | | | | | |
| | | 2 | 54.47 (9.47) | (26.06 to 73.21) | 1.02 (8.81) | (-23.28 to 32.26) | | | |
| | | 3 | 52.58 (10.61) | (28.00 to 72.52) | | | -0.87 (9.18) | (-20.95 to 25.49) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | Range | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H1557 (N=107) | PCS | 1 | 43.47 (11.91) | (12.59 to 61.67) | | | | | |
| | | 2 | 42.64 (11.28) | (13.98 to 59.67) | -0.83 (7.28) | (-31.62 to 19.66) | | | |
| | | 3 | 41.36 (12.23) | (14.61 to 59.10) | | | -2.11 (8.33) | (-31.94 to 18.44) | |
| | MCS | 1 | 53.79 (8.15) | (25.95 to 68.67) | | | | | |
| | | 2 | 52.60 (9.96) | (15.80 to 64.49) | -1.19 (8.91) | (-52.87 to 17.80) | | | |
| | | 3 | 53.46 (9.88) | (18.49 to 67.40) | | | -0.33 (8.37) | (-36.10 to 21.00) | |
| H1651 (N=103) | PCS | 1 | 48.05 (10.33) | (16.90 to 64.18) | | | | | |
| | | 2 | 46.28 (10.07) | (18.77 to 61.75) | -1.77 (9.36) | (-29.39 to 26.01) | | | |
| | | 3 | 46.40 (9.71) | (22.10 to 59.66) | | | -1.65 (7.61) | (-26.55 to 21.43) | |
| | MCS | 1 | 54.34 (8.37) | (29.59 to 70.37) | | | | | |
| | | 2 | 53.81 (8.63) | (24.63 to 66.71) | -0.53 (8.36) | (-24.78 to 24.70) | | | |
| | | 3 | 55.15 (7.62) | (27.18 to 68.04) | | | 0.81 (7.98) | (-26.64 to 25.68) | |
| H1750 (N=202) | PCS | 1 | 44.94 (10.29) | (20.93 to 62.32) | | | | | |
| | | 2 | 43.99 (11.56) | (14.02 to 60.53) | -0.95 (8.44) | (-35.82 to 29.51) | | | |
| | | 3 | 42.60 (12.11) | (12.26 to 61.89) | | | -2.34 (9.10) | (-28.65 to 30.05) | |
| | MCS | 1 | 53.72 (8.58) | (23.53 to 66.03) | | | | | |
| | | 2 | 53.64 (8.84) | (20.87 to 69.23) | -0.08 (7.28) | (-25.15 to 27.34) | | | |
| | | 3 | 53.91 (8.76) | (22.81 to 68.69) | | | 0.19 (8.94) | (-31.91 to 32.26) | |
| H2204 (N=265) | PCS | 1 | 46.58 (10.97) | (17.02 to 65.34) | | | | | |
| | | 2 | 45.46 (11.34) | (19.08 to 68.64) | -1.12 (7.68) | (-22.39 to 24.06) | | | |
| | | 3 | 45.21 (11.37) | (19.01 to 61.59) | | | -1.37 (7.94) | (-26.56 to 23.73) | |
| | MCS | 1 | 54.18 (8.87) | (22.38 to 71.53) | | | | | |
| | | 2 | 52.87 (9.89) | (15.76 to 67.24) | -1.31 (8.45) | (-40.83 to 30.87) | | | |
| | | 3 | 52.87 (9.65) | (19.41 to 68.54) | | | -1.31 (8.80) | (-37.13 to 32.05) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | Range | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H2354 (N=364) | PCS | 1 | 42.75 (11.48) | (16.31 to 67.22) | | | | | |
| | | 2 | 41.08 (11.55) | (12.61 to 60.67) | -1.67 (8.44) | (-28.46 to 27.13) | | | |
| | | 3 | 40.86 (11.51) | (14.86 to 64.87) | | | -1.89 (8.46) | (-28.76 to 27.34) | |
| | MCS | 1 | 52.35 (10.12) | (13.38 to 69.37) | | | | | |
| | | 2 | 52.59 (9.56) | (18.22 to 69.37) | 0.24 (8.87) | (-37.17 to 28.08) | | | |
| | | 3 | 51.21 (10.31) | (6.68 to 71.24) | | | -1.14 (9.49) | (-34.08 to 26.93) | |
| H2461 (N=277) | PCS | 1 | 42.40 (10.83) | (16.81 to 67.42) | | | | | |
| | | 2 | 40.43 (10.94) | (14.83 to 62.14) | -1.97 (7.64) | (-32.76 to 20.24) | | | |
| | | 3 | 39.99 (11.07) | (15.68 to 62.42) | | | -2.41 (8.20) | (-22.38 to 27.30) | |
| | MCS | 1 | 53.84 (8.53) | (15.99 to 68.35) | | | | | |
| | | 2 | 53.73 (9.20) | (19.39 to 70.77) | -0.11 (8.82) | (-29.49 to 35.74) | | | |
| | | 3 | 53.80 (9.30) | (22.80 to 70.56) | | | -0.04 (8.36) | (-28.66 to 32.83) | |
| H2652 (N=158) | PCS | 1 | 42.26 (12.44) | (10.71 to 63.94) | | | | | |
| | | 2 | 40.41 (12.46) | (13.58 to 63.04) | -1.85 (8.02) | (-27.87 to 28.13) | | | |
| | | 3 | 39.19 (11.95) | (13.39 to 62.12) | | | -3.07 (8.15) | (-31.75 to 22.40) | |
| | MCS | 1 | 52.94 (9.49) | (15.91 to 67.56) | | | | | |
| | | 2 | 52.99 (9.59) | (22.53 to 67.51) | 0.05 (8.02) | (-27.16 to 30.47) | | | |
| | | 3 | 52.79 (10.43) | (24.95 to 74.07) | | | -0.15 (9.99) | (-26.32 to 34.43) | |
| H2672 (N=77) | PCS | 1 | 43.73 (11.88) | (13.91 to 62.95) | | | | | |
| | | 2 | 44.54 (10.83) | (17.45 to 62.07) | 0.81 (7.24) | (-24.43 to 22.01) | | | |
| | | 3 | 41.58 (10.97) | (17.25 to 59.12) | | | -2.15 (8.35) | (-25.30 to 22.64) | |
| | MCS | 1 | 52.77 (9.77) | (27.86 to 70.48) | | | | | |
| | | 2 | 51.21 (10.61) | (25.27 to 67.93) | -1.56 (8.46) | (-41.07 to 16.80) | | | |
| | | 3 | 53.69 (8.99) | (28.27 to 66.89) | | | 0.92 (7.34) | (-20.46 to 19.61) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H3253 (N=116) | PCS | 1 | 45.33 (11.44) | (14.14 to 63.29) | | | | | |
| | | 2 | 44.24 (11.04) | (14.95 to 61.95) | -1.09 (8.38) | (-30.37 to 21.63) | | | |
| | | 3 | 44.01 (11.70) | (10.70 to 61.20) | | | -1.32 (8.81) | (-24.42 to 20.12) | |
| | MCS | 1 | 53.91 (8.32) | (20.33 to 67.03) | | | | | |
| | | 2 | 53.54 (9.14) | (21.93 to 65.27) | -0.37 (7.89) | (-32.80 to 17.30) | | | |
| | | 3 | 50.21 (11.01) | (19.08 to 68.29) | | | -3.70 (10.42) | (-40.32 to 19.91) | |
| H3359 (N=343) | PCS | 1 | 44.97 (10.78) | (16.95 to 64.76) | | | | | |
| | | 2 | 44.51 (10.44) | (17.42 to 65.07) | -0.46 (8.27) | (-27.62 to 29.17) | | | |
| | | 3 | 43.08 (11.20) | (15.43 to 64.19) | | | -1.89 (8.26) | (-31.20 to 29.28) | |
| | MCS | 1 | 51.61 (9.67) | (19.87 to 68.53) | | | | | |
| | | 2 | 51.59 (10.24) | (23.13 to 72.99) | -0.02 (8.77) | (-31.34 to 27.11) | | | |
| | | 3 | 51.39 (10.16) | (21.44 to 67.71) | | | -0.22 (8.48) | (-33.17 to 32.44) | |
| H3378 (N=50) | PCS | 1 | 45.00 (12.34) | (16.59 to 66.74) | | | | | |
| | | 2 | 43.97 (11.30) | (20.96 to 59.61) | -1.03 (7.44) | (-22.49 to 13.92) | | | |
| | | 3 | 44.06 (10.72) | (22.17 to 60.87) | | | -0.94 (9.69) | (-23.35 to 25.73) | |
| | MCS | 1 | 51.28 (11.71) | (21.39 to 63.71) | | | | | |
| | | 2 | 53.56 (9.72) | (25.91 to 68.03) | 2.28 (9.82) | (-20.24 to 31.41) | | | |
| | | 3 | 51.88 (9.66) | (25.91 to 67.48) | | | 0.60 (11.02) | (-21.43 to 30.19) | |
| H3503 (N=407) | PCS | 1 | 43.76 (10.51) | (11.51 to 65.90) | | | | | |
| | | 2 | 43.00 (10.67) | (16.52 to 64.41) | -0.76 (8.83) | (-32.52 to 31.38) | | | |
| | | 3 | 41.77 (11.12) | (16.62 to 61.56) | | | -1.99 (8.59) | (-28.50 to 27.16) | |
| | MCS | 1 | 51.59 (9.46) | (15.93 to 70.15) | | | | | |
| | | 2 | 51.49 (9.85) | (15.86 to 67.76) | -0.10 (8.25) | (-26.87 to 30.84) | | | |
| | | 3 | 51.24 (9.50) | (24.47 to 70.40) | | | -0.35 (8.54) | (-31.06 to 27.30) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | Range | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H3649 (N=86) | PCS | 1 | 44.02 (10.62) | (18.07 to 59.44) | | | | | |
| | | 2 | 43.29 (9.26) | (23.51 to 59.83) | -0.73 (8.07) | (-25.85 to 19.07) | | | |
| | | 3 | 41.16 (10.64) | (18.14 to 62.86) | | | -2.86 (9.04) | (-25.16 to 22.73) | |
| | MCS | 1 | 51.27 (9.49) | (23.55 to 65.91) | | | | | |
| | | 2 | 51.36 (10.59) | (7.09 to 66.41) | 0.09 (8.74) | (-32.09 to 20.88) | | | |
| | | 3 | 50.29 (10.74) | (10.35 to 65.94) | | | -0.98 (8.41) | (-24.47 to 17.92) | |
| H3655 (N=57) | PCS | 1 | 42.77 (11.58) | (18.95 to 63.24) | | | | | |
| | | 2 | 42.69 (11.06) | (21.08 to 59.10) | -0.08 (7.32) | (-19.51 to 17.35) | | | |
| | | 3 | 41.94 (11.91) | (17.45 to 65.69) | | | -0.83 (7.74) | (-26.15 to 19.68) | |
| | MCS | 1 | 52.03 (9.33) | (28.33 to 62.94) | | | | | |
| | | 2 | 51.84 (9.34) | (29.13 to 66.00) | -0.19 (9.40) | (-30.34 to 22.97) | | | |
| | | 3 | 50.37 (11.00) | (19.72 to 66.97) | | | -1.66 (9.87) | (-34.42 to 22.09) | |
| H3664 (N=52) | PCS | 1 | 46.07 (9.98) | (21.89 to 61.49) | | | | | |
| | | 2 | 44.28 (10.54) | (21.42 to 59.44) | -1.79 (5.97) | (-21.45 to 14.66) | | | |
| | | 3 | 41.91 (10.77) | (19.90 to 60.22) | | | -4.16 (8.40) | (-28.58 to 17.13) | |
| | MCS | 1 | 54.38 (9.31) | (22.63 to 64.80) | | | | | |
| | | 2 | 54.97 (8.47) | (25.98 to 64.98) | 0.59 (7.66) | (-20.44 to 27.67) | | | |
| | | 3 | 53.56 (8.79) | (30.59 to 63.54) | | | -0.82 (9.24) | (-18.64 to 27.67) | |
| H3673 (N=259) | PCS | 1 | 42.93 (11.18) | (11.19 to 61.67) | | | | | |
| | | 2 | 42.74 (11.50) | (16.75 to 60.21) | -0.19 (8.05) | (-28.65 to 22.53) | | | |
| | | 3 | 41.58 (11.64) | (13.58 to 60.61) | | | -1.35 (8.12) | (-28.77 to 26.16) | |
| | MCS | 1 | 51.89 (10.06) | (23.90 to 67.88) | | | | | |
| | | 2 | 52.25 (9.41) | (18.78 to 70.10) | 0.36 (8.32) | (-24.30 to 30.61) | | | |
| | | 3 | 52.07 (9.80) | (21.39 to 68.14) | | | 0.18 (9.76) | (-30.43 to 28.01) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H3749 (N=96) | PCS | 1 | 41.41 (11.83) | (20.71 to 62.70) | | | | | |
| | | 2 | 40.77 (12.54) | (14.58 to 60.69) | -0.64 (8.32) | (-22.96 to 20.81) | | | |
| | | 3 | 38.66 (12.64) | (16.39 to 60.27) | | | -2.75 (8.83) | (-21.35 to 24.45) | |
| | MCS | 1 | 52.74 (9.37) | (19.42 to 66.81) | | | | | |
| | | 2 | 53.11 (9.92) | (19.99 to 69.90) | 0.37 (8.19) | (-27.61 to 21.11) | | | |
| | | 3 | 51.20 (9.95) | (28.83 to 70.00) | | | -1.54 (10.29) | (-28.28 to 24.64) | |
| H3851 (N=54) | PCS | 1 | 41.30 (12.35) | (15.64 to 63.28) | | | | | |
| | | 2 | 41.36 (11.70) | (18.52 to 58.07) | 0.06 (8.09) | (-16.49 to 20.28) | | | |
| | | 3 | 38.67 (13.05) | (11.07 to 58.80) | | | -2.63 (8.53) | (-27.87 to 21.11) | |
| | MCS | 1 | 55.02 (10.08) | (11.57 to 69.21) | | | | | |
| | | 2 | 54.06 (10.02) | (22.70 to 67.69) | -0.96 (8.56) | (-24.31 to 18.57) | | | |
| | | 3 | 54.49 (11.83) | (14.71 to 70.86) | | | -0.53 (10.31) | (-42.00 to 22.03) | |
| H3954 (N=58) | PCS | 1 | 43.89 (11.96) | (19.29 to 63.21) | | | | | |
| | | 2 | 43.24 (11.20) | (13.40 to 59.63) | -0.65 (9.78) | (-24.71 to 35.21) | | | |
| | | 3 | 41.78 (11.09) | (13.97 to 61.41) | | | -2.11 (9.27) | (-22.13 to 32.57) | |
| | MCS | 1 | 51.33 (9.37) | (25.14 to 67.19) | | | | | |
| | | 2 | 53.45 (8.30) | (29.50 to 63.37) | 2.12 (7.02) | (-16.52 to 19.49) | | | |
| | | 3 | 52.26 (10.17) | (23.27 to 67.46) | | | 0.93 (8.66) | (-27.85 to 21.99) | |
| H4590 (N=73) | PCS | 1 | 45.34 (10.99) | (16.55 to 62.90) | | | | | |
| | | 2 | 43.98 (10.94) | (20.85 to 62.25) | -1.36 (8.23) | (-27.65 to 14.13) | | | |
| | | 3 | 44.01 (11.02) | (21.60 to 62.17) | | | -1.33 (8.12) | (-23.43 to 17.18) | |
| | MCS | 1 | 53.11 (8.73) | (27.69 to 66.10) | | | | | |
| | | 2 | 53.00 (8.25) | (30.54 to 70.15) | -0.11 (7.14) | (-19.60 to 16.65) | | | |
| | | 3 | 52.47 (8.55) | (29.19 to 69.35) | | | -0.64 (8.60) | (-29.42 to 19.76) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H5005 (N=56) | PCS | 1 | 43.58 (11.36) | (22.02 to 60.53) | | | | | |
| | | 2 | 41.67 (11.79) | (19.89 to 59.54) | -1.91 (7.73) | (-22.05 to 10.59) | | | |
| | | 3 | 39.99 (12.49) | (18.63 to 59.18) | | | -3.59 (10.46) | (-34.01 to 28.47) | |
| | MCS | 1 | 52.40 (11.11) | (17.58 to 67.11) | | | | | |
| | | 2 | 53.48 (9.18) | (21.62 to 68.04) | 1.08 (7.63) | (-18.76 to 27.59) | | | |
| | | 3 | 53.16 (10.95) | (27.10 to 67.80) | | | 0.76 (7.56) | (-17.42 to 31.98) | |
| H5066 (N=87) | PCS | 1 | 45.18 (10.56) | (23.01 to 61.64) | | | | | |
| | | 2 | 44.76 (10.66) | (19.09 to 59.93) | -0.42 (7.98) | (-27.13 to 21.82) | | | |
| | | 3 | 42.25 (11.14) | (19.77 to 59.96) | | | -2.93 (9.33) | (-37.48 to 21.80) | |
| | MCS | 1 | 52.75 (9.32) | (27.21 to 67.02) | | | | | |
| | | 2 | 52.67 (8.96) | (31.02 to 67.74) | -0.08 (7.67) | (-18.47 to 22.81) | | | |
| | | 3 | 52.76 (9.55) | (28.93 to 66.31) | | | 0.01 (9.79) | (-20.65 to 20.72) | |
| H5149 (N=214) | PCS | 1 | 44.81 (10.57) | (17.88 to 62.68) | | | | | |
| | | 2 | 44.11 (10.59) | (18.74 to 60.65) | -0.70 (8.41) | (-27.28 to 29.46) | | | |
| | | 3 | 43.41 (11.20) | (19.71 to 63.47) | | | -1.40 (8.30) | (-28.75 to 24.48) | |
| | MCS | 1 | 52.80 (9.28) | (15.41 to 69.15) | | | | | |
| | | 2 | 52.44 (9.79) | (20.58 to 68.74) | -0.36 (7.78) | (-25.31 to 24.55) | | | |
| | | 3 | 51.04 (10.33) | (16.53 to 68.54) | | | -1.76 (8.55) | (-27.20 to 34.25) | |
| H5254 (N=148) | PCS | 1 | 43.08 (10.94) | (16.01 to 63.06) | | | | | |
| | | 2 | 41.73 (11.08) | (18.76 to 63.15) | -1.35 (8.98) | (-32.10 to 30.16) | | | |
| | | 3 | 41.08 (10.83) | (15.68 to 58.29) | | | -2.00 (8.45) | (-29.59 to 28.43) | |
| | MCS | 1 | 53.38 (9.06) | (18.59 to 65.17) | | | | | |
| | | 2 | 53.80 (9.36) | (22.14 to 71.35) | 0.42 (8.83) | (-27.01 to 28.18) | | | |
| | | 3 | 53.33 (9.56) | (15.80 to 69.70) | | | -0.05 (9.35) | (-30.76 to 24.05) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | Range | 1-Year Change | | 2-Year Change | | |
| | | | | | Mean (SD) | Range | Mean (SD) | Range | |
| H5256 (N=88) | PCS | 1 | 42.55 (10.95) | (16.84 to 68.18) | | | | | |
| | | 2 | 42.42 (9.34) | (13.00 to 58.74) | -0.13 (7.94) | (-28.99 to 21.60) | | | |
| | | 3 | 42.22 (11.51) | (11.89 to 67.62) | | | -0.33 (10.11) | (-22.83 to 27.15) | |
| | MCS | 1 | 53.61 (9.72) | (27.89 to 76.90) | | | | | |
| | | 2 | 52.02 (9.51) | (25.65 to 65.83) | -1.59 (8.68) | (-29.07 to 19.62) | | | |
| | | 3 | 52.87 (10.09) | (12.64 to 74.02) | | | -0.74 (8.45) | (-21.81 to 19.86) | |
| H5258 (N=102) | PCS | 1 | 44.99 (11.67) | (15.90 to 60.33) | | | | | |
| | | 2 | 44.96 (11.36) | (19.20 to 61.10) | -0.03 (6.25) | (-15.80 to 19.92) | | | |
| | | 3 | 42.15 (12.32) | (20.23 to 67.09) | | | -2.84 (8.39) | (-30.45 to 18.99) | |
| | MCS | 1 | 53.52 (8.98) | (18.39 to 64.96) | | | | | |
| | | 2 | 52.24 (9.39) | (18.68 to 69.19) | -1.28 (9.51) | (-34.84 to 38.91) | | | |
| | | 3 | 51.94 (10.79) | (18.10 to 66.29) | | | -1.58 (9.50) | (-33.00 to 26.76) | |
| H9028 (N=75) | PCS | 1 | 44.14 (11.27) | (20.23 to 66.61) | | | | | |
| | | 2 | 43.82 (10.72) | (21.35 to 60.90) | -0.32 (7.67) | (-22.08 to 29.39) | | | |
| | | 3 | 42.70 (11.13) | (20.60 to 66.00) | | | -1.44 (7.52) | (-25.46 to 16.89) | |
| | MCS | 1 | 53.65 (7.80) | (29.00 to 66.54) | | | | | |
| | | 2 | 53.80 (8.70) | (22.33 to 67.58) | 0.15 (7.75) | (-16.36 to 25.11) | | | |
| | | 3 | 52.43 (10.41) | (16.53 to 67.53) | | | -1.22 (8.80) | (-27.47 to 17.14) | |
| H9047 (N=207) | PCS | 1 | 44.59 (11.19) | (13.07 to 72.53) | | | | | |
| | | 2 | 43.01 (11.26) | (14.56 to 65.15) | -1.58 (7.70) | (-31.56 to 20.87) | | | |
| | | 3 | 41.76 (11.43) | (15.37 to 65.70) | | | -2.83 (7.66) | (-27.35 to 19.80) | |
| | MCS | 1 | 53.03 (9.44) | (4.71 to 66.91) | | | | | |
| | | 2 | 52.63 (10.03) | (13.93 to 68.15) | -0.40 (8.53) | (-33.14 to 26.83) | | | |
| | | 3 | 53.22 (9.40) | (16.16 to 69.84) | | | 0.19 (9.34) | (-41.19 to 36.39) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 11, continued | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|--|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | |
| for Beneficiaries Who Completed Three Consecutive Surveys | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | |
| H9049 (N=74) | PCS | 1 | 45.52 (11.06) | (22.49 to 59.88) | | | | | |
| | | 2 | 43.74 (12.06) | (20.55 to 63.91) | -1.78 (6.64) | (-17.62 to 16.76) | | | |
| | | 3 | 42.29 (12.91) | (16.49 to 62.60) | | | -3.23 (7.59) | (-20.77 to 16.01) | |
| | MCS | 1 | 54.19 (9.55) | (16.74 to 68.99) | | | | | |
| | | 2 | 54.37 (8.39) | (30.86 to 69.16) | 0.18 (8.08) | (-22.06 to 23.75) | | | |
| | | 3 | 53.33 (10.61) | (19.08 to 68.85) | | | -0.86 (9.16) | (-29.09 to 21.26) | |
| H9101 (N=52) | PCS | 1 | 42.30 (10.87) | (21.70 to 57.45) | | | | | |
| | | 2 | 42.91 (10.15) | (19.74 to 61.03) | 0.61 (8.11) | (-16.12 to 18.42) | | | |
| | | 3 | 41.22 (10.74) | (13.58 to 57.08) | | | -1.08 (9.08) | (-41.72 to 13.94) | |
| | MCS | 1 | 48.25 (12.87) | (17.01 to 71.64) | | | | | |
| | | 2 | 47.29 (13.75) | (9.07 to 66.67) | -0.96 (9.56) | (-21.52 to 28.20) | | | |
| | | 3 | 48.34 (11.41) | (15.91 to 67.40) | | | 0.09 (9.90) | (-23.71 to 28.64) | |
| H9103 (N=78) | PCS | 1 | 41.68 (12.10) | (20.49 to 58.99) | | | | | |
| | | 2 | 40.89 (12.52) | (17.25 to 58.75) | -0.79 (6.35) | (-16.03 to 17.20) | | | |
| | | 3 | 39.09 (12.44) | (16.35 to 60.03) | | | -2.59 (7.74) | (-28.55 to 16.05) | |
| | MCS | 1 | 53.37 (8.74) | (32.34 to 71.76) | | | | | |
| | | 2 | 52.85 (10.44) | (22.64 to 70.30) | -0.52 (8.33) | (-29.89 to 21.24) | | | |
| | | 3 | 52.56 (9.50) | (24.77 to 66.91) | | | -0.81 (8.63) | (-22.58 to 21.54) | |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed three consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 12 Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ for Beneficiaries Who Completed Four Consecutive Surveys | | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | 3-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H0502 (N=159) | PCS | 1 | 40.15 (11.79) | (12.10 to 63.60) | | | | | | |
| | | 2 | 38.84 (12.18) | (12.70 to 68.48) | -1.31 (7.39) | (-28.28 to 20.15) | | | | |
| | | 3 | 38.12 (11.7) | (11.61 to 63.89) | | | -2.03 (8.39) | (-41.89 to 17.81) | | |
| | | 4 | 36.90 (11.26) | (9.96 to 59.39) | | | | | -3.25 (8.51) | (-42.47 to 22.14) |
| | MCS | 1 | 49.48 (10.89) | (18.33 to 68.64) | | | | | | |
| | | 2 | 48.98 (10.79) | (16.71 to 63.57) | -0.50 (10.17) | (-33.45 to 29.51) | | | | |
| | | 3 | 48.27 (11.55) | (17.83 to 69.53) | | | -1.21 (11.02) | (-33.89 to 25.93) | | |
| | | 4 | 47.35 (11.35) | (13.52 to 68.20) | | | | | -2.13 (11.00) | (-33.93 to 30.79) |
| H0524 (N=86) | PCS | 1 | 44.74 (10.16) | (20.88 to 62.04) | | | | | | |
| | | 2 | 44.94 (10.85) | (14.82 to 64.42) | 0.20 (7.94) | (-18.21 to 32.63) | | | | |
| | | 3 | 43.98 (10.72) | (19.10 to 61.97) | | | -0.76 (9.17) | (-20.97 to 32.31) | | |
| | | 4 | 42.30 (11.08) | (15.95 to 60.53) | | | | | -2.44 (9.56) | (-26.37 to 31.89) |
| | MCS | 1 | 51.48 (10.89) | (14.42 to 65.42) | | | | | | |
| | | 2 | 51.70 (11.16) | (18.36 to 67.40) | 0.22 (8.74) | (-34.50 to 24.52) | | | | |
| | | 3 | 52.05 (10.1) | (15.33 to 68.13) | | | 0.57 (8.28) | (-20.20 to 38.25) | | |
| | | 4 | 50.98 (11.37) | (21.23 to 68.61) | | | | | -0.50 (9.06) | (-31.97 to 19.46) |
| H0543 (N=66) | PCS | 1 | 41.93 (12.17) | (17.13 to 63.08) | | | | | | |
| | | 2 | 41.69 (10.96) | (15.88 to 59.54) | -0.24 (9.15) | (-20.96 to 27.19) | | | | |
| | | 3 | 39.89 (12.38) | (19.65 to 59.68) | | | -2.04 (8.74) | (-24.71 to 26.83) | | |
| | | 4 | 38.86 (12.52) | (19.55 to 59.60) | | | | | -3.07 (9.81) | (-28.54 to 25.29) |
| | MCS | 1 | 52.76 (11.34) | (16.76 to 70.96) | | | | | | |
| | | 2 | 52.37 (10.53) | (19.86 to 67.05) | -0.39 (6.85) | (-15.38 to 22.62) | | | | |
| | | 3 | 51.90 (10.57) | (22.63 to 67.57) | | | -0.86 (8.53) | (-32.23 to 22.16) | | |
| | | 4 | 51.36 (10.59) | (15.87 to 67.51) | | | | | -1.40 (8.83) | (-23.39 to 28.12) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 12, continued Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ for Beneficiaries Who Completed Four Consecutive Surveys | | | | | | | | | | |
|---|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | 3-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H0562 (N=51) | PCS | 1 | 45.67 (9.97) | (24.15 to 61.01) | | | | | | |
| | | 2 | 44.13 (9.03) | (22.28 to 58.68) | -1.54 (9.06) | (-29.44 to 19.22) | | | | |
| | | 3 | 45.01 (9.99) | (22.54 to 58.31) | | | -0.66 (7.23) | (-14.59 to 24.75) | | |
| | | 4 | 44.59 (10.58) | (22.10 to 59.54) | | | | | -1.08 (8.75) | (-19.54 to 21.94) |
| | MCS | 1 | 53.23 (8.66) | (24.36 to 66.73) | | | | | | |
| | | 2 | 55.21 (8.53) | (25.26 to 68.64) | 1.98 (8.77) | (-17.97 to 32.52) | | | | |
| | | 3 | 53.83 (7.94) | (30.79 to 66.42) | | | 0.60 (8.02) | (-13.98 to 26.92) | | |
| | | 4 | 55.12 (8.12) | (34.36 to 65.19) | | | | | 1.89 (9.44) | (-20.75 to 35.55) |
| H0657 (N=207) | PCS | 1 | 43.66 (10.37) | (11.79 to 59.96) | | | | | | |
| | | 2 | 43.28 (10.68) | (14.37 to 59.66) | -0.38 (7.24) | (-33.16 to 19.17) | | | | |
| | | 3 | 41.50 (10.93) | (12.47 to 67.08) | | | -2.16 (7.88) | (-22.83 to 26.58) | | |
| | | 4 | 40.90 (11.06) | (10.00 to 59.03) | | | | | -2.76 (8.97) | (-32.22 to 24.77) |
| | MCS | 1 | 53.12 (8.69) | (13.33 to 67.84) | | | | | | |
| | | 2 | 53.01 (9.37) | (20.31 to 67.22) | -0.11 (8.42) | (-27.86 to 46.88) | | | | |
| | | 3 | 52.85 (9.16) | (16.81 to 70.92) | | | -0.27 (8.66) | (-24.13 to 29.33) | | |
| | | 4 | 52.05 (9.15) | (26.16 to 68.65) | | | | | -1.07 (9.74) | (-30.45 to 44.05) |
| H0752 (N=152) | PCS | 1 | 46.53 (9.86) | (18.55 to 61.30) | | | | | | |
| | | 2 | 45.13 (10.29) | (21.91 to 60.08) | -1.40 (7.65) | (-33.85 to 17.40) | | | | |
| | | 3 | 44.64 (10.85) | (17.61 to 61.06) | | | -1.89 (9.08) | (-32.33 to 26.64) | | |
| | | 4 | 43.15 (11.67) | (12.55 to 61.47) | | | | | -3.38 (8.68) | (-24.20 to 27.48) |
| | MCS | 1 | 54.17 (9.21) | (16.07 to 67.98) | | | | | | |
| | | 2 | 53.33 (9.63) | (14.77 to 68.30) | -0.84 (8.51) | (-29.09 to 33.55) | | | | |
| | | 3 | 53.39 (9.64) | (20.67 to 71.03) | | | -0.78 (8.54) | (-27.83 to 28.99) | | |
| | | 4 | 52.56 (9.37) | (16.06 to 64.39) | | | | | -1.61 (8.74) | (-29.24 to 32.97) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 12, continued Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ for Beneficiaries Who Completed Four Consecutive Surveys | | | | | | | | | | |
|---|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | 3-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H1010 (N=82) | PCS | 1 | 45.05 (10.63) | (15.12 to 59.97) | | | | | | |
| | | 2 | 42.34 (10.68) | (17.07 to 59.56) | -2.71 (7.59) | (-29.72 to 10.98) | | | | |
| | | 3 | 42.82 (11.33) | (16.56 to 59.30) | | | -2.23 (7.84) | (-23.89 to 17.54) | | |
| | | 4 | 42.03 (10.27) | (19.25 to 58.50) | | | | | -3.02 (8.42) | (-24.13 to 20.05) |
| | MCS | 1 | 52.44 (10.29) | (18.33 to 68.94) | | | | | | |
| | | 2 | 52.06 (11.41) | (14.21 to 68.10) | -0.38 (10.08) | (-36.91 to 26.42) | | | | |
| | | 3 | 52.21 (10.36) | (23.23 to 66.24) | | | -0.23 (10.56) | (-28.04 to 37.72) | | |
| | | 4 | 51.13 (10.03) | (16.82 to 66.57) | | | | | -1.31 (10.06) | (-40.76 to 27.95) |
| H1349 (N=55) | PCS | 1 | 42.64 (12.14) | (19.51 to 59.91) | | | | | | |
| | | 2 | 42.71 (10.77) | (19.18 to 59.73) | 0.07 (7.27) | (-19.30 to 14.72) | | | | |
| | | 3 | 42.98 (12.25) | (17.55 to 60.54) | | | 0.34 (7.16) | (-19.16 to 19.01) | | |
| | | 4 | 42.29 (11.88) | (17.55 to 59.34) | | | | | -0.35 (8.77) | (-25.86 to 24.33) |
| | MCS | 1 | 53.69 (9.05) | (28.95 to 72.34) | | | | | | |
| | | 2 | 54.37 (10.25) | (26.06 to 73.21) | 0.68 (8.64) | (-23.28 to 32.24) | | | | |
| | | 3 | 53.20 (10.83) | (28.00 to 72.52) | | | -0.49 (8.45) | (-19.49 to 25.49) | | |
| | | 4 | 52.32 (10.25) | (30.11 to 70.68) | | | | | -1.37 (9.08) | (-30.05 to 14.76) |
| H1651 (N=95) | PCS | 1 | 48.52 (10.16) | (16.90 to 64.18) | | | | | | |
| | | 2 | 46.34 (10.01) | (18.77 to 61.75) | -2.18 (9.23) | (-29.39 to 26.01) | | | | |
| | | 3 | 46.39 (9.72) | (22.10 to 59.66) | | | -2.13 (6.89) | (-26.55 to 15.45) | | |
| | | 4 | 46.02 (10.02) | (19.25 to 60.40) | | | | | -2.50 (8.74) | (-24.54 to 28.26) |
| | MCS | 1 | 53.84 (8.27) | (29.59 to 70.37) | | | | | | |
| | | 2 | 53.89 (8.83) | (24.63 to 66.71) | 0.05 (7.88) | (-24.64 to 24.70) | | | | |
| | | 3 | 55.51 (7.53) | (27.18 to 68.04) | | | 1.67 (7.38) | (-26.64 to 25.68) | | |
| | | 4 | 54.34 (7.88) | (21.26 to 66.63) | | | | | 0.50 (8.01) | (-36.07 to 18.64) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 12, continued | | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | | |
| for Beneficiaries Who Completed Four Consecutive Surveys | | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | 3-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H1750 (N=166) | PCS | 1 | 45.35 (10.31) | (20.93 to 60.43) | | | | | | |
| | | 2 | 44.64 (11.53) | (14.02 to 60.53) | -0.71 (8.26) | (-35.82 to 29.51) | | | | |
| | | 3 | 43.41 (12.02) | (14.55 to 61.89) | | | -1.94 (9.22) | (-28.65 to 30.05) | | |
| | | 4 | 43.64 (11.56) | (18.97 to 59.51) | | | | | -1.71 (8.35) | (-22.73 to 23.65) |
| | MCS | 1 | 53.83 (8.28) | (24.91 to 66.03) | | | | | | |
| | | 2 | 53.72 (8.56) | (20.87 to 69.23) | -0.11 (6.82) | (-23.52 to 27.34) | | | | |
| | | 3 | 54.45 (7.88) | (28.98 to 68.69) | | | 0.62 (8.01) | (-21.59 to 32.26) | | |
| | | 4 | 54.27 (8.46) | (29.53 to 66.39) | | | | | 0.44 (7.98) | (-24.45 to 24.60) |
| H2204 (N=64) | PCS | 1 | 47.24 (11.24) | (19.43 to 64.62) | | | | | | |
| | | 2 | 46.19 (11.8) | (19.08 to 63.49) | -1.05 (6.63) | (-20.91 to 14.91) | | | | |
| | | 3 | 45.20 (11.5) | (19.01 to 61.53) | | | -2.04 (8.03) | (-26.56 to 10.99) | | |
| | | 4 | 43.47 (12.65) | (20.90 to 59.89) | | | | | -3.77 (8.98) | (-29.04 to 13.59) |
| | MCS | 1 | 54.19 (9.27) | (22.38 to 67.05) | | | | | | |
| | | 2 | 54.60 (8.51) | (29.54 to 66.37) | 0.41 (7.52) | (-21.67 to 30.87) | | | | |
| | | 3 | 53.16 (9.39) | (25.33 to 64.90) | | | -1.03 (10.15) | (-37.13 to 32.05) | | |
| | | 4 | 53.56 (9.16) | (26.99 to 67.20) | | | | | -0.63 (10.18) | (-25.43 to 39.00) |
| H2354 (N=157) | PCS | 1 | 42.96 (10.8) | (16.31 to 61.08) | | | | | | |
| | | 2 | 40.87 (11.31) | (12.61 to 60.67) | -2.09 (7.84) | (-25.01 to 17.74) | | | | |
| | | 3 | 39.93 (11.25) | (16.54 to 60.08) | | | -3.03 (8.08) | (-24.05 to 27.34) | | |
| | | 4 | 40.18 (11.56) | (15.50 to 62.75) | | | | | -2.78 (9.61) | (-28.54 to 37.54) |
| | MCS | 1 | 53.10 (9.35) | (20.44 to 69.03) | | | | | | |
| | | 2 | 53.14 (9.41) | (25.56 to 69.37) | 0.04 (8.63) | (-37.17 to 22.96) | | | | |
| | | 3 | 52.75 (9.52) | (25.38 to 71.24) | | | -0.35 (8.22) | (-34.08 to 21.77) | | |
| | | 4 | 51.42 (11.02) | (22.21 to 67.28) | | | | | -1.68 (10.07) | (-37.57 to 25.05) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 12, continued | | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | | |
| for Beneficiaries Who Completed Four Consecutive Surveys | | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | 3-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H2652 (N=83) | PCS | 1 | 42.00 (12.4) | (10.71 to 61.31) | | | | | | |
| | | 2 | 40.02 (12.23) | (16.09 to 63.04) | -1.98 (7.53) | (-19.00 to 23.44) | | | | |
| | | 3 | 39.22 (12.09) | (15.10 to 62.12) | | | -2.78 (7.14) | (-21.48 to 12.65) | | |
| | | 4 | 38.64 (11.8) | (15.31 to 70.35) | | | | | -3.36 (9.98) | (-23.76 to 26.71) |
| | MCS | 1 | 54.68 (8.55) | (22.92 to 67.56) | | | | | | |
| | | 2 | 55.04 (8.37) | (29.31 to 67.51) | 0.36 (7.81) | (-27.16 to 30.47) | | | | |
| | | 3 | 54.79 (8.6) | (24.95 to 68.61) | | | 0.11 (9.40) | (-25.34 to 30.96) | | |
| | | 4 | 52.66 (10.41) | (14.33 to 66.74) | | | | | -2.02 (11.23) | (-47.68 to 32.34) |
| H3359 (N=273) | PCS | 1 | 45.39 (10.55) | (16.95 to 64.76) | | | | | | |
| | | 2 | 44.83 (10.34) | (17.42 to 65.07) | -0.56 (8.38) | (-27.62 to 29.17) | | | | |
| | | 3 | 43.84 (11.02) | (15.43 to 62.13) | | | -1.55 (8.17) | (-31.20 to 29.28) | | |
| | | 4 | 43.03 (10.58) | (13.70 to 60.20) | | | | | -2.36 (9.10) | (-28.56 to 29.07) |
| | MCS | 1 | 52.04 (9.1) | (19.87 to 68.53) | | | | | | |
| | | 2 | 51.75 (10.08) | (23.47 to 72.99) | -0.29 (8.81) | (-24.3 to 27.11) | | | | |
| | | 3 | 51.68 (9.94) | (21.44 to 67.71) | | | -0.36 (7.87) | (-25.78 to 32.44) | | |
| | | 4 | 51.93 (9.47) | (23.68 to 70.71) | | | | | -0.11 (8.77) | (-25.39 to 31.70) |
| H3503 (N=287) | PCS | 1 | 44.29 (10.34) | (17.79 to 62.75) | | | | | | |
| | | 2 | 43.47 (10.52) | (17.60 to 64.41) | -0.82 (9.44) | (-32.52 to 31.38) | | | | |
| | | 3 | 42.19 (11.04) | (16.62 to 61.56) | | | -2.10 (8.52) | (-28.50 to 27.16) | | |
| | | 4 | 41.79 (10.82) | (19.06 to 60.34) | | | | | -2.50 (8.76) | (-31.93 to 28.97) |
| | MCS | 1 | 51.99 (9.34) | (23.08 to 70.14) | | | | | | |
| | | 2 | 51.82 (9.43) | (17.72 to 67.76) | -0.17 (8.37) | (-26.54 to 30.84) | | | | |
| | | 3 | 51.74 (9.12) | (24.47 to 70.12) | | | -0.25 (8.70) | (-31.06 to 27.30) | | |
| | | 4 | 51.56 (9.79) | (14.37 to 68.25) | | | | | -0.43 (8.60) | (-33.19 to 31.62) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 12, continued | | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | | |
| for Beneficiaries Who Completed Four Consecutive Surveys | | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | | 1-Year Change | | 2-Year Change | | 3-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H3749 (N=66) | PCS | 1 | 42.51 (11.85) | (20.71 to 62.70) | | | | | | |
| | | 2 | 42.54 (12.2) | (14.58 to 60.69) | 0.03 (8.07) | (-19.96 to 20.81) | | | | |
| | | 3 | 40.41 (12.51) | (16.39 to 59.10) | | | -2.10 (9.26) | (-19.41 to 24.45) | | |
| | | 4 | 39.86 (12.27) | (18.63 to 59.16) | | | | | -2.65 (8.54) | (-22.6 to 21.02) |
| | MCS | 1 | 54.19 (8.94) | (19.42 to 66.81) | | | | | | |
| | | 2 | 54.52 (8.41) | (29.31 to 68.91) | 0.33 (6.22) | (-14.13 to 21.11) | | | | |
| | | 3 | 52.78 (9.61) | (28.83 to 70.00) | | | -1.41 (9.92) | (-27.12 to 20.72) | | |
| | | 4 | 52.92 (9.38) | (30.09 to 67.74) | | | | | -1.27 (9.44) | (-29.1 to 23.02) |
| H5066 (N=59) | PCS | 1 | 45.99 (9.88) | (27.14 to 59.61) | | | | | | |
| | | 2 | 46.08 (10.33) | (19.09 to 59.93) | 0.09 (7.76) | (-15.61 to 21.82) | | | | |
| | | 3 | 44.96 (9.9) | (21.36 to 59.96) | | | -1.03 (8.59) | (-28.48 to 21.80) | | |
| | | 4 | 43.43 (11.79) | (15.71 to 58.94) | | | | | -2.56 (9.65) | (-20.98 to 21.41) |
| | MCS | 1 | 53.63 (9.19) | (27.21 to 67.02) | | | | | | |
| | | 2 | 53.62 (8.77) | (31.02 to 67.74) | -0.01 (7.60) | (-18.47 to 22.81) | | | | |
| | | 3 | 53.93 (8.83) | (28.93 to 66.31) | | | 0.30 (9.95) | (-20.64 to 20.72) | | |
| | | 4 | 54.04 (8.83) | (27.58 to 66.50) | | | | | 0.41 (8.55) | (-20.25 to 21.69) |
| H5254 (N=114) | PCS | 1 | 43.56 (11.06) | (16.01 to 63.06) | | | | | | |
| | | 2 | 42.30 (11.33) | (18.76 to 63.15) | -1.26 (8.57) | (-23.27 to 29.37) | | | | |
| | | 3 | 41.62 (10.95) | (15.68 to 58.29) | | | -1.94 (8.11) | (-29.59 to 28.43) | | |
| | | 4 | 41.98 (11.67) | (15.80 to 62.26) | | | | | -1.58 (10.63) | (-35.46 to 28.32) |
| | MCS | 1 | 53.63 (8.76) | (18.59 to 65.17) | | | | | | |
| | | 2 | 53.99 (9.5) | (22.14 to 71.35) | 0.36 (7.96) | (-25.63 to 22.73) | | | | |
| | | 3 | 53.63 (9.75) | (15.80 to 69.70) | | | 0.00 (8.67) | (-30.76 to 22.74) | | |
| | | 4 | 53.24 (10.25) | (21.58 to 68.74) | | | | | -0.39 (9.35) | (-27.65 to 27.39) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 12, continued | | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ | | | | | | | | | | |
| for Beneficiaries Who Completed Four Consecutive Surveys | | | | | | | | | | |
| Contract Number | Measure | Year | Mean (SD) | Range | 1-Year Change | | 2-Year Change | | 3-Year Change | |
| | | | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H9047 (N=53) | PCS | 1 | 46.59 (10.49) | (18.53 to 72.53) | | | | | | |
| | | 2 | 44.78 (10.26) | (23.00 to 65.15) | -1.81 (6.74) | (-23.25 to 10.69) | | | | |
| | | 3 | 43.96 (10.85) | (20.39 to 61.47) | | | -2.63 (7.99) | (-27.35 to 19.80) | | |
| | | 4 | 42.84 (10.17) | (20.94 to 59.16) | | | | | -3.75 (8.53) | (-35.03 to 15.51) |
| | MCS | 1 | 52.98 (10.89) | (4.71 to 65.90) | | | | | | |
| | | 2 | 53.34 (10.56) | (13.93 to 66.72) | 0.36 (8.11) | (-22.61 to 24.36) | | | | |
| | | 3 | 53.26 (9.93) | (22.32 to 66.49) | | | 0.28 (9.33) | (-20.35 to 34.56) | | |
| | | 4 | 55.26 (7.77) | (24.78 to 66.31) | | | | | 2.28 (7.60) | (-13.8 to 30.25) |
| H9103 (N=61) | PCS | 1 | 42.65 (11.89) | (20.49 to 58.99) | | | | | | |
| | | 2 | 42.67 (11.93) | (17.25 to 58.75) | 0.02 (5.95) | (-14.31 to 17.20) | | | | |
| | | 3 | 40.86 (12.52) | (17.85 to 60.03) | | | -1.79 (7.36) | (-19.64 to 16.05) | | |
| | | 4 | 37.32 (12.73) | (13.27 to 60.96) | | | | | -5.33 (8.23) | (-30.93 to 13.14) |
| | MCS | 1 | 53.70 (8.49) | (32.34 to 64.05) | | | | | | |
| | | 2 | 52.79 (10.4) | (22.64 to 68.50) | -0.91 (7.55) | (-29.89 to 12.48) | | | | |
| | | 3 | 52.36 (9.72) | (24.77 to 66.80) | | | -1.34 (8.58) | (-22.58 to 19.12) | | |
| | | 4 | 51.05 (10.53) | (23.92 to 67.39) | | | | | -2.65 (8.93) | (-27.95 to 16.97) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed four consecutive surveys

Multiple Cohorts Analysis (Continued)

| Table 13 Means and Ranges of PCS and MCS Scores and Change Scores by Contract Number ¹ for Beneficiaries Who Completed Five Consecutive Surveys | | | | | | | | | | | | |
|--|---------|------|---------------|------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Contract Number | Measure | Year | Year | | 1-Year Change | | 2-Year Change | | 3-Year Change | | 4-Year Change | |
| | | | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range | Mean (SD) | Range |
| H0502 (N=103) | PCS | 1 | 40.60 (11.44) | (19.59 to 63.60) | | | | | | | | |
| | | 2 | 38.56 (12.37) | (14.68 to 68.48) | -2.04 (8.14) | (-28.28 to 20.15) | | | | | | |
| | | 3 | 38.33 (11.59) | (18.86 to 63.89) | | | -2.27 (8.01) | (-28.36 to 16.32) | | | | |
| | | 4 | 36.77 (10.73) | (14.48 to 58.64) | | | | | -3.83 (8.23) | (-28.3 to 17.77) | | |
| | | 5 | 35.23 (10.63) | (15.28 to 58.21) | | | | | | | -5.37 (9.51) | (-32.14 to 21.23) |
| | MCS | 1 | 49.59 (11.36) | (18.33 to 68.64) | | | | | | | | |
| | | 2 | 49.47 (10.92) | (16.71 to 63.06) | -0.12 (10.09) | (-33.45 to 29.51) | | | | | | |
| | | 3 | 48.26 (11.18) | (17.83 to 65.69) | | | -1.33 (10.66) | (-33.89 to 25.93) | | | | |
| | | 4 | 48.38 (11.03) | (13.52 to 68.20) | | | | | -1.21 (10.91) | (-33.93 to 30.79) | | |
| | | 5 | 48.35 (11.67) | (21.94 to 65.54) | | | | | | | -1.24 (11.25) | (-25.23 to 32.35) |
| H0657 (N=145) | PCS | 1 | 44.36 (10.01) | (11.79 to 59.96) | | | | | | | | |
| | | 2 | 44.01 (10.44) | (14.37 to 59.18) | -0.35 (7.25) | (-33.16 to 17.67) | | | | | | |
| | | 3 | 42.13 (10.96) | (12.47 to 67.08) | | | -2.23 (8.34) | (-22.83 to 26.58) | | | | |
| | | 4 | 41.52 (11.01) | (10.00 to 59.03) | | | | | -2.84 (9.41) | (-32.22 to 24.77) | | |
| | | 5 | 40.63 (11.17) | (11.89 to 59.68) | | | | | | | -3.73 (8.71) | (-29.02 to 15.27) |
| | MCS | 1 | 53.65 (7.81) | (24.08 to 65.14) | | | | | | | | |
| | | 2 | 53.80 (8.67) | (23.41 to 67.22) | 0.15 (7.49) | (-27.51 to 22.98) | | | | | | |
| | | 3 | 53.41 (8.65) | (16.81 to 65.23) | | | -0.24 (7.81) | (-22.85 to 29.33) | | | | |
| | | 4 | 53.25 (8.50) | (26.16 to 68.65) | | | | | -0.40 (8.33) | (-25.23 to 27.19) | | |
| | | 5 | 52.67 (10.20) | (16.60 to 65.46) | | | | | | | -0.98 (9.15) | (-27.99 to 25.52) |
| H3503 (N=205) | PCS | 1 | 44.58 (10.40) | (17.79 to 62.75) | | | | | | | | |
| | | 2 | 43.59 (10.76) | (17.60 to 64.41) | -0.99 (9.70) | (-32.52 to 22.41) | | | | | | |
| | | 3 | 42.62 (11.08) | (16.62 to 60.45) | | | -1.96 (8.60) | (-28.50 to 27.16) | | | | |
| | | 4 | 42.41 (10.45) | (19.18 to 60.26) | | | | | -2.17 (8.28) | (-30.55 to 25.67) | | |
| | | 5 | 41.72 (11.22) | (15.50 to 63.87) | | | | | | | -2.86 (8.94) | (-27.89 to 25.20) |
| | MCS | 1 | 52.62 (9.18) | (23.08 to 70.14) | | | | | | | | |
| | | 2 | 51.89 (9.76) | (17.72 to 67.76) | -0.73 (8.58) | (-26.54 to 30.84) | | | | | | |
| | | 3 | 51.97 (9.27) | (24.47 to 68.13) | | | -0.65 (8.97) | (-31.06 to 27.30) | | | | |
| | | 4 | 52.25 (9.70) | (14.37 to 68.25) | | | | | -0.37 (8.76) | (-26.07 to 31.62) | | |
| | | 5 | 50.87 (10.24) | (18.67 to 67.47) | | | | | | | -1.75 (8.80) | (-21.93 to 31.75) |

¹In contract numbers where 50 or more beneficiaries age 65 or older completed five consecutive surveys