

2019 Categorical Adjustment Index Measure Selection Supplement

This supplement to the draft 2019 Call Letter provides the details related to the selection of the adjusted measure set for the 2019 CAI.

Please Note: Since the publication of the draft Call Letter, the decision was made to retain the measure Reducing the Risk for Falling in the 2019 Star Ratings. Subsequently, the measure was added to the candidate measure set as a potential adjusted measure. The measure did meet the selection criteria based on the analysis of the within-contract disparity and will be one of the adjusted measures for the 2019 Star Ratings Program. The 2019 CAI values available in the 2019 final Call Letter have been recalculated using all previously identified adjusted measures in the draft Call Letter and now include Reducing the Risk of Falling.

CMS has updated the analyses to guide the selection of the measures for adjustment to determine the values of the 2019 Categorical Adjustment Index (CAI). Using the 2016 measurement period data, the variability of the within-contract differences in performance between LIS/DE and non-LIS/DE beneficiaries for a similar subset of Star Ratings measures¹ was examined and is provided within this supplement to the 2019 draft Call Letter.

The decision criteria used to select measures for adjustment was (1) a median absolute difference between LIS/DE and non-LIS/DE beneficiaries of 5% or more, or (2) the LIS/DE subgroup performed better or worse than the non-LIS/DE subgroup in all contracts.

Figure 1 in the appendix depicts the within-contract LIS/DE and non-LIS/DE differences for the contracts that received a Star Rating in the 2018 Star Ratings Program. The figure first provides the variability of the within-contract differences for MA-PDs and MA-only contracts, followed by the variability of PDPs. Figure 2 is provided to aid in the interpretation of the visuals. Tables 1 through 4 provide in tabular format the descriptive statistics of the within-contract differences that underlie the visuals in the Figure 1. Tables 1 and 3 provide the overall summary statistics for central tendency and dispersion for MA-PDs and MA-only contracts and PDPs respectively. Tables 2 and 4 provide specific points of the distribution of the within-contract differences for MA-PDs and MA-only contracts and PDPs respectively.

For the 2019 Star Ratings Program, the measures proposed for adjustment for the 2019 Star Ratings include the following seven Part C measures for MA (MA-PDs and MA-only) and 1876 contracts: Annual Flu Vaccine, Breast Cancer Screening, Diabetes Care – Blood Sugar Controlled, Medication Reconciliation Post-Discharge, Osteoporosis Management in Women who had a Fracture, Reducing the Risk of Falling, and Plan All-Cause Readmissions.² As done last year, in order to apply consistent adjustments across MA-PDs and PDPs, the Part D measures were selected by applying the selection criteria to MA-PDs and PDPs independently

¹ The 19 clinical quality measures that comprised the subset of the Star Ratings measures examined for the 2019 CAI included: adult BMI assessment, annual flu vaccine, breast cancer screening, colorectal cancer screening, controlling blood pressure, diabetes care – blood sugar controlled, diabetes care – eye exam, diabetes care – kidney disease monitoring, improving bladder control, medication reconciliation post-discharge, MTM Program Completion Rate for CMR, monitoring physical activity, osteoporosis management in women who had a fracture, plan all-cause readmissions, reducing the risk of falling, rheumatoid arthritis management, medication adherence for diabetes medications, medication adherence for hypertension, medication adherence for cholesterol.

² Using the adjusted measure selection criteria, plan all-cause readmissions was selected for adjustment for the 2019 Star Ratings. The adjustment of the plan-all-case readmissions measure scores for LIS/DE and disabled included case-mix weights that are part of the HEDIS measure specification and weighted effects coding to account for the different numbers of LIS/DE and non-LIS/DE beneficiaries per contract as well as, the unequal numbers of disabled and non-disabled beneficiaries in the data.

and then, selecting measures that met the criteria for either delivery system. For MA-PDs and PDPs, the two Part D measures selected for adjustment for the 2019 Star Ratings include: Part D Medication Adherence for Hypertension and Medication Therapy Management (MTM) Program Completion Rate for Comprehensive Medication Review (CMR).

Appendix

Figure 1: Variation across MA Contracts of the Within-Contract LIS/DE Differences

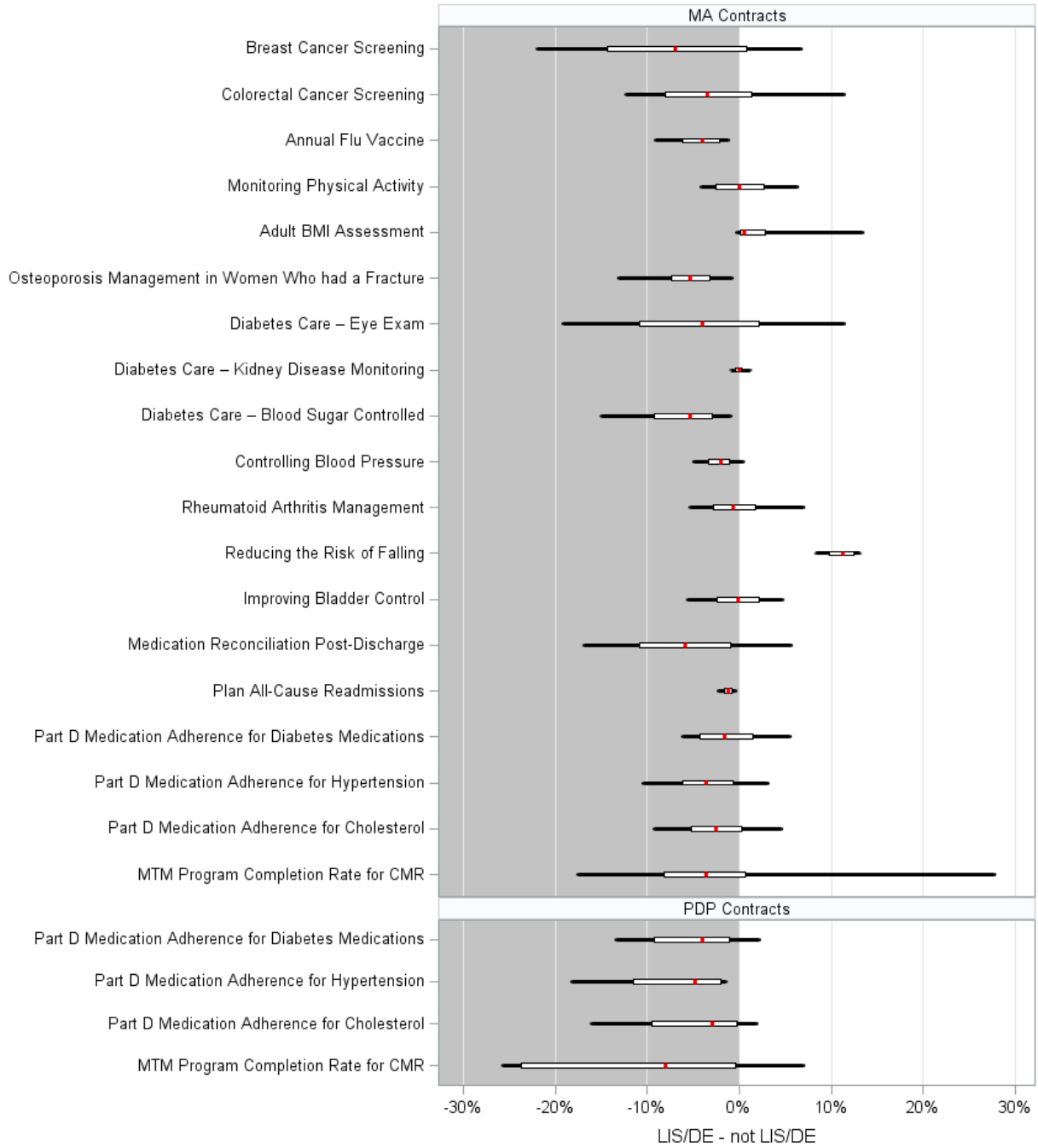
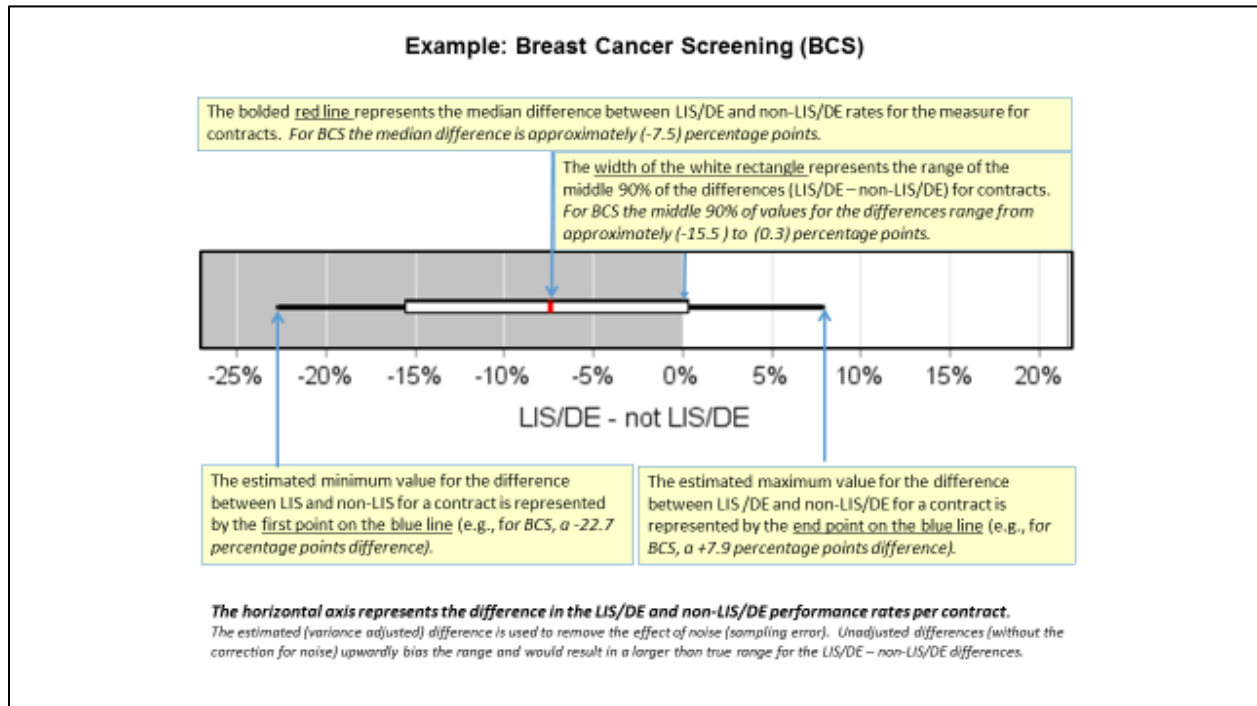


Figure 2: Interpretation of the Visual of the Variation across Contracts of the Within-Contract LIS/DE Differences*



*** The example is not based on 2019 results and thus, the values in the visual do not match the values in Figure 1 or Tables 1 and 2.**

Table 1: Summary Statistics of the Within-Contract LIS/DE Differences for MA-PDs and MA-only Contracts

Measure Name	Mean	Median	Minimum	Maximum	Standard Deviation
Breast Cancer Screening	-0.068310	-0.069670	-0.219520	0.067040	0.044609
Colorectal Cancer Screening	-0.032980	-0.034700	-0.122660	0.113650	0.029319
Annual Flu Vaccine	-0.040390	-0.039850	-0.091470	-0.011790	0.011743
Monitoring Physical Activity	0.000260	0.000260	-0.041490	0.062970	0.015618
Adult BMI Assessment	0.008560	0.005440	-0.003290	0.133970	0.011696
Osteoporosis Management in Women Who had a Fracture	-0.053330	-0.053250	-0.130650	-0.008270	0.013648
Diabetes Care – Eye Exam	-0.042230	-0.039560	-0.190860	0.113660	0.040062
Diabetes Care – Kidney Disease Monitoring	-0.000240	-0.000260	-0.009630	0.012020	0.002067
Diabetes Care – Blood Sugar Controlled	-0.055820	-0.053760	-0.149990	-0.009630	0.019059
Controlling Blood Pressure	-0.021350	-0.020730	-0.049280	0.004160	0.007410
Rheumatoid Arthritis Management	-0.006610	-0.007170	-0.053890	0.070010	0.012747
Reducing the Risk of Falling	0.104740	0.106660	0.066350	0.125620	0.009783
Improving Bladder Control	-0.001940	-0.001980	-0.056400	0.047470	0.014308
Medication Reconciliation Post-Discharge	-0.058200	-0.058250	-0.169220	0.056070	0.029695
Plan All-Cause Readmissions	-0.011580	-0.011390	-0.022630	-0.004440	0.002197
Part D Medication Adherence for Diabetes Medications	-0.015980	-0.015960	-0.061300	0.055520	0.017156
Part D Medication Adherence for Hypertension	-0.035700	-0.036050	-0.104710	0.030480	0.016584
Part D Medication Adherence for Cholesterol	-0.025770	-0.025810	-0.092300	0.045830	0.016707
MTM Program Completion Rate for CMR	-0.036130	-0.036070	-0.175210	0.277010	0.031227

Table 2: Within-Contract LIS/DE Difference Distribution Values for MA-PDs and MA-only Contracts³

Measure Name	P2.5	P5	P10	P25	P50	P75	P90	P95	P97.5
Breast Cancer Screening	-0.154810	-0.143810	-0.127930	-0.095880	-0.069670	-0.040690	-0.008330	0.008220	0.018290
Colorectal Cancer Screening	-0.095700	-0.079760	-0.066490	-0.048410	-0.034700	-0.018260	0.003100	0.014000	0.030750
Annual Flu Vaccine	-0.065090	-0.060990	-0.057210	-0.046950	-0.039850	-0.033320	-0.026030	-0.021250	-0.017390
Monitoring Physical Activity	-0.029360	-0.025360	-0.019760	-0.009670	0.000260	0.008400	0.018840	0.027040	0.034550
Adult BMI Assessment	0.000330	0.001340	0.001800	0.003270	0.005440	0.009530	0.015830	0.027950	0.039030
Osteoporosis Management in Women Who had a Fracture	-0.079920	-0.074280	-0.067030	-0.061240	-0.053250	-0.044820	-0.035840	-0.032700	-0.029700
Diabetes Care – Eye Exam	-0.124900	-0.108920	-0.090400	-0.067330	-0.039560	-0.021100	-0.000590	0.021570	0.043340
Diabetes Care – Kidney Disease Monitoring	-0.004620	-0.003650	-0.002460	-0.000910	-0.000260	0.000540	0.001560	0.002830	0.003530
Diabetes Care – Blood Sugar Controlled	-0.097930	-0.092150	-0.079420	-0.066040	-0.053760	-0.042760	-0.034750	-0.029980	-0.027380
Controlling Blood Pressure	-0.039640	-0.034000	-0.030390	-0.026220	-0.020730	-0.016230	-0.012510	-0.010400	-0.008900
Rheumatoid Arthritis Management	-0.030910	-0.028630	-0.020900	-0.012730	-0.007170	-0.002220	0.006690	0.017490	0.023430
Reducing the Risk of Falling	0.077000	0.084500	0.092690	0.100150	0.106660	0.111170	0.114900	0.117270	0.118590
Improving Bladder Control	-0.030330	-0.024710	-0.020160	-0.009980	-0.001980	0.006830	0.015360	0.021540	0.025780
Medication Reconciliation Post-Discharge	-0.118220	-0.107880	-0.096300	-0.073490	-0.058250	-0.041380	-0.022920	-0.009230	-0.003800
Plan All-Cause Readmissions	-0.016010	-0.015480	-0.014410	-0.012890	-0.011390	-0.010080	-0.009020	-0.008560	-0.008100
Part D Medication Adherence for Diabetes Medications	-0.048350	-0.042950	-0.037880	-0.025860	-0.015960	-0.008820	0.003410	0.014500	0.021620
Part D Medication Adherence for Hypertension	-0.069770	-0.061580	-0.053210	-0.045020	-0.036050	-0.027820	-0.016820	-0.007050	0.003750
Part D Medication Adherence for Cholesterol	-0.058420	-0.052500	-0.046050	-0.034070	-0.025810	-0.017900	-0.005890	0.002030	0.012840
MTM Program Completion Rate for CMR	-0.090160	-0.081640	-0.070060	-0.052080	-0.036070	-0.022390	-0.003390	0.006950	0.018020

³ The values provided in the table correspond to the percentiles in the distribution of the variation across MA contracts of the within-contract LIS/DE Differences depicted in Figure 1 for MA-PDs and MA-only contracts.

Table 3: Summary Statistics of the Within-Contract LIS/DE Differences for PDPs

Measure Name	Mean	Median	Minimum	Maximum	Standard Deviation
Part D Medication Adherence for Diabetes Medications	-0.041980	-0.040280	-0.134000	0.021700	0.025158
Part D Medication Adherence for Hypertension	-0.054820	-0.048370	-0.182220	-0.014880	0.028635
Part D Medication Adherence for Cholesterol	-0.032500	-0.029200	-0.160470	0.018660	0.029431
MTM Program Completion Rate for CMR	-0.086930	-0.080370	-0.257030	0.069320	0.072843

Table 4: Within-Contract LIS/DE Difference Distribution Values for PDPs⁴

Measure Name	P2.5	P5	P10	P25	P50	P75	P90	P95	P97.5
Part D Medication Adherence for Diabetes Medications	-0.097890	-0.092020	-0.072630	-0.052070	-0.040280	-0.027980	-0.017200	-0.011280	0.007150
Part D Medication Adherence for Hypertension	-0.119470	-0.115630	-0.079230	-0.071920	-0.048370	-0.037020	-0.027830	-0.020610	-0.015020
Part D Medication Adherence for Cholesterol	-0.096860	-0.095300	-0.063880	-0.043100	-0.029200	-0.014510	-0.006640	-0.002770	0.018660
MTM Program Completion Rate for CMR	-0.246300	-0.237270	-0.200100	-0.122660	-0.080370	-0.034560	-0.012720	-0.003460	0.068570

⁴ The values provided in the table correspond to the percentiles in the distribution of the variation across MA contracts of the within-contract LIS/DE Differences depicted in Figure 1 for PDPs.