

2021 Categorical Adjustment Index Measure Supplement

This supplement provides the details related to the adjusted measure set for the 2021 Categorical Adjustment Index (CAI).

CMS has updated the analyses examining the variability of the within-contract differences in performance between LIS/DE and non-LIS/DE beneficiaries for the candidate set of measures for informational purposes.

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 2020 Star Ratings. The figure first provides the variability of the within-contract differences for MA contracts, followed by the variability of PDPs. Figure 2 is provided to aid in the interpretation of the visuals. Tables 1 through 4 provide 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 and PDP contracts, respectively. Tables 2 and 4 provide specific points of the distribution of the within-contract differences for MA and PDP contracts, respectively.

For the 2021 Star Ratings, the adjusted measures include the following: Adult BMI Assessment, Annual Flu Vaccine, Breast Cancer Screening, Colorectal Cancer Screening, 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, Reducing the Risk of Falling, Rheumatoid Arthritis Management, Medication Adherence for Diabetes Medications, Medication Adherence for Hypertension, Medication Adherence for Cholesterol, Statin Therapy for Patients with Cardiovascular Disease, and Statin Use in Persons with Diabetes.

Appendix

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

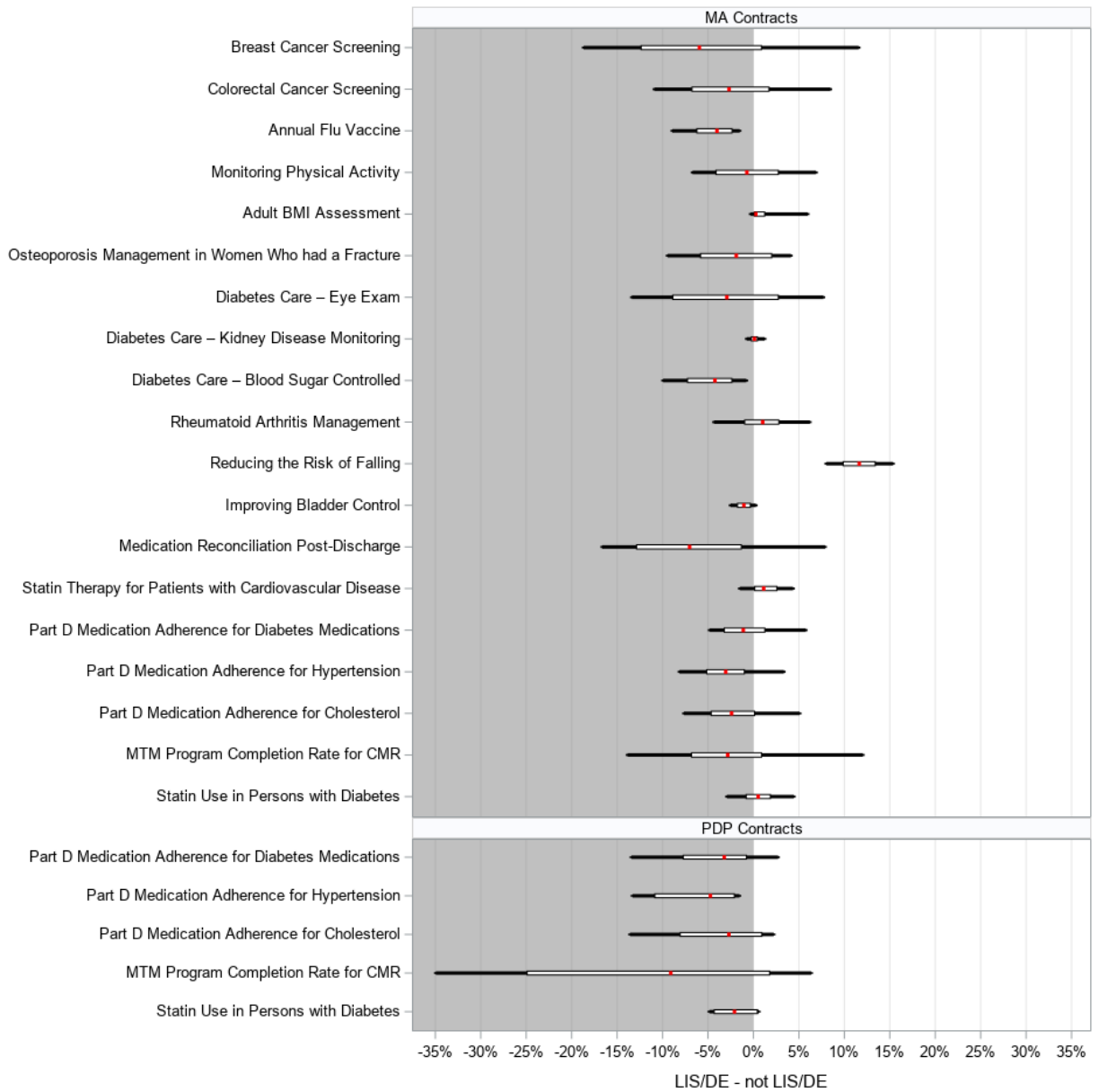
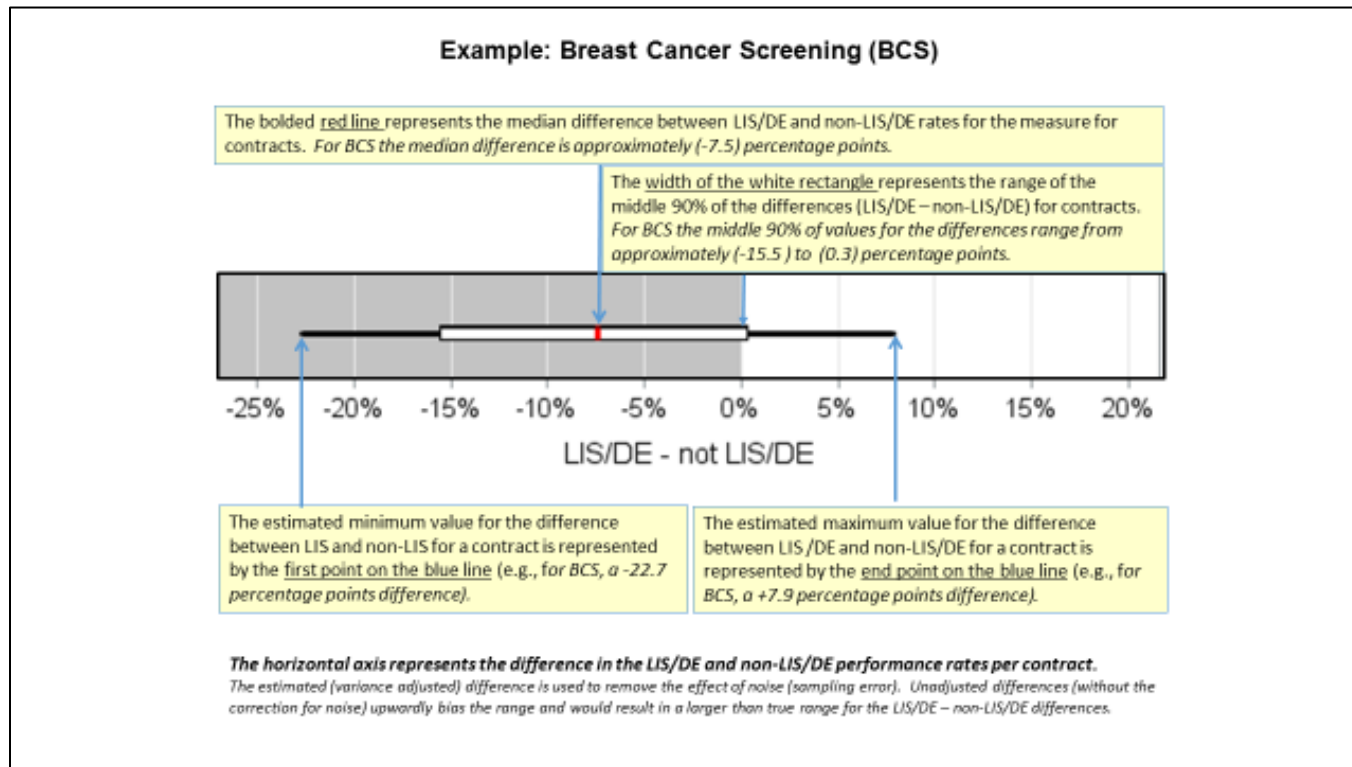


Figure 2: Interpretation of the Visual of the Variation across Contracts of the Within-Contract LIS/DE Differences*



* The example is not based on 2021 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 Contracts

Measure Name	Mean	Median	Minimum	Maximum	Standard Deviation
Breast Cancer Screening	-0.05846	-0.05951	-0.18684	0.11583	0.04082
Colorectal Cancer Screening	-0.02533	-0.02674	-0.10901	0.08473	0.02667
Annual Flu Vaccine	-0.04099	-0.04009	-0.08932	-0.01516	0.01182
Monitoring Physical Activity	-0.00717	-0.00721	-0.06700	0.06889	0.01981
Adult BMI Assessment	0.00391	0.00257	-0.00306	0.05971	0.00488
Osteoporosis Management in Women Who had a Fracture	-0.01870	-0.01885	-0.09452	0.04130	0.02181
Diabetes Care – Eye Exam	-0.03068	-0.02922	-0.13388	0.07706	0.03371
Diabetes Care – Kidney Disease Monitoring	0.00107	0.00107	-0.00741	0.01229	0.00201
Diabetes Care – Blood Sugar Controlled	-0.04418	-0.04245	-0.09947	-0.00781	0.01454
Rheumatoid Arthritis Management	0.01008	0.01020	-0.04347	0.06212	0.01204
Reducing the Risk of Falling	0.11619	0.11639	0.08013	0.15362	0.01131
Improving Bladder Control	-0.01046	-0.01053	-0.02521	0.00271	0.00415
Medication Reconciliation Post-Discharge	-0.06657	-0.07021	-0.16648	0.07887	0.03498
Statin Therapy for Patients with Cardiovascular Disease	0.01195	0.01128	-0.01507	0.04364	0.00722
Part D Medication Adherence for Diabetes Medications	-0.01068	-0.01115	-0.04828	0.05762	0.01281
Part D Medication Adherence for Hypertension	-0.03013	-0.03046	-0.08142	0.03351	0.01313
Part D Medication Adherence for Cholesterol	-0.02335	-0.02403	-0.07650	0.05086	0.01533
MTM Program Completion Rate for CMR	-0.02925	-0.02828	-0.13851	0.12035	0.02475
Statin Use in Persons with Diabetes	0.00526	0.00522	-0.02913	0.04445	0.00861

Table 2: Within-Contract LIS/DE Difference Distribution Values for MA Contracts¹

Measure Name	P2.5	P5	P10	P25	P50	P75	P90	P95	P97.5
Breast Cancer Screening	-0.14309	-0.12356	-0.10975	-0.08563	-0.05951	-0.03433	-0.00943	0.00880	0.02202
Colorectal Cancer Screening	-0.08663	-0.06761	-0.05510	-0.03977	-0.02674	-0.01011	0.00360	0.01718	0.03557
Annual Flu Vaccine	-0.07084	-0.06223	-0.05709	-0.04747	-0.04009	-0.03337	-0.02665	-0.02355	-0.02122
Monitoring Physical Activity	-0.04858	-0.04130	-0.03063	-0.01873	-0.00721	0.00363	0.01725	0.02751	0.03425
Adult BMI Assessment	0.00087	0.00096	0.00127	0.00190	0.00257	0.00403	0.00697	0.01229	0.01541
Osteoporosis Management in Women Who had a Fracture	-0.07397	-0.05823	-0.04137	-0.02945	-0.01885	-0.00730	0.00817	0.02009	0.02929
Diabetes Care – Eye Exam	-0.10306	-0.08877	-0.07612	-0.04935	-0.02922	-0.01185	0.01181	0.02749	0.03551
Diabetes Care – Kidney Disease Monitoring	-0.00321	-0.0022	-0.00108	0.00028	0.00107	0.00182	0.00310	0.00440	0.00556
Diabetes Care – Blood Sugar Controlled	-0.07593	-0.07259	-0.06396	-0.05272	-0.04245	-0.03375	-0.02713	-0.02372	-0.02072
Rheumatoid Arthritis Management	-0.01452	-0.00962	-0.00299	0.00511	0.01020	0.01600	0.02287	0.02786	0.03667
Reducing the Risk of Falling	0.09258	0.09881	0.10169	0.10981	0.11639	0.12292	0.12896	0.13404	0.13962
Improving Bladder Control	-0.01866	-0.01756	-0.01590	-0.01279	-0.01053	-0.00809	-0.00556	-0.00329	-0.00162
Medication Reconciliation Post-Discharge	-0.13619	-0.12855	-0.11114	-0.08482	-0.07021	-0.04123	-0.02237	-0.01332	-0.00548
Statin Therapy for Patients with Cardiovascular Disease	-0.00208	0.00139	0.00353	0.00891	0.01128	0.01442	0.02109	0.02588	0.02960
Part D Medication Adherence for Diabetes Medications	-0.03536	-0.03216	-0.02564	-0.01748	-0.01115	-0.00645	0.00594	0.01254	0.01837
Part D Medication Adherence for Hypertension	-0.05472	-0.05141	-0.04477	-0.03706	-0.03046	-0.02401	-0.01681	-0.00994	0.00192
Part D Medication Adherence for Cholesterol	-0.05076	-0.04660	-0.04210	-0.03099	-0.02403	-0.01711	-0.00660	0.00131	0.01161
MTM Program Completion Rate for CMR	-0.08147	-0.06813	-0.05579	-0.04106	-0.02828	-0.01691	-0.00536	0.00896	0.02080
Statin Use in Persons with Diabetes	-0.01301	-0.00805	-0.00493	0.00194	0.00522	0.00840	0.01604	0.01864	0.02470

¹ 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 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	-0.03607	-0.03211	-0.13431	0.02714	0.02400
Part D Medication Adherence for Hypertension	-0.05218	-0.04736	-0.13314	-0.01536	0.02476
Part D Medication Adherence for Cholesterol	-0.02984	-0.02693	-0.13585	0.02233	0.02850
MTM Program Completion Rate for CMR	-0.10214	-0.09092	-0.34953	0.06363	0.08937
Statin Use in Persons with Diabetes	-0.01994	-0.02090	-0.04853	0.00595	0.01201

Table 4: Within-Contract LIS/DE Difference Distribution Values for PDPs²

Measure Name	P2.5	P5	P10	P25	P50	P75	P90	P95	P97.5
Part D Medication Adherence for Diabetes Medications	-0.09750	-0.07725	-0.06142	-0.04352	-0.03211	-0.02268	-0.01361	-0.00777	-0.00176
Part D Medication Adherence for Hypertension	-0.11439	-0.10844	-0.08881	-0.06583	-0.04736	-0.03351	-0.02655	-0.02101	-0.01873
Part D Medication Adherence for Cholesterol	-0.09699	-0.08057	-0.06538	-0.04239	-0.02693	-0.01037	-0.00176	0.00938	0.01256
MTM Program Completion Rate for CMR	-0.34302	-0.24897	-0.22442	-0.15529	-0.09092	-0.03512	-0.00308	0.01781	0.03712
Statin Use in Persons with Diabetes	-0.04618	-0.04314	-0.03194	-0.02505	-0.02090	-0.01408	-0.00280	0.00457	0.00592

² The values provided in the table correspond to the percentiles in the distribution of the variation across PDP contracts of the within-contract LIS/DE differences depicted in Figure 1 for PDPs.