

Table 34 presents the case-mix weight for each Home Health Resource Group (HHRG) in the regression model. LUPA episodes, outlier episodes, and episodes with PEP adjustments were excluded. Weights are determined by first calculating the predicted resource use for episodes with a particular combination of admission source, episode timing, clinical grouping, functional impairment level, and comorbidity adjustment. This combination specific calculation is then divided by the average resource use of all the episodes that were used to estimate the standard 30-day payment rate. The resulting ratio represents the case-mix weight for that particular combination of a HHRG payment group. The adjusted R-squared value provides a measure of how well observed outcomes are replicated by the model, based on the proportion of total variation of outcomes explained by the model.

Similar to the annual recalibration of the case-mix weights under the current HH PPS, we proposed to annually recalibrate the PDGM case-mix weights. We note that this includes a re-calculation of the proposed PDGM case-mix weights for CY 2020 in the CY 2020 HH PPS proposed rule using CY 2018 home health claims data linked with OASIS assessment data since we will implement the PDGM for 30-day periods of care beginning on or after January 1, 2020.

TABLE 34 - CASE MIX WEIGHTS FOR EACH HHRG PAYMENT GROUP

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
1AA11	MMTA - Other - Low	Early - Community	0	0.9939
1AA21	MMTA - Other - Low	Early - Community	1	1.0536
1AA31	MMTA - Other - Low	Early - Community	2	1.1786
1AB11	MMTA - Other - Medium	Early - Community	0	1.1339
1AB21	MMTA - Other - Medium	Early - Community	1	1.1936
1AB31	MMTA - Other - Medium	Early - Community	2	1.3186
1AC11	MMTA - Other - High	Early - Community	0	1.2595

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
1AC21	MMTA - Other - High	Early - Community	1	1.3191
1AC31	MMTA - Other - High	Early - Community	2	1.4442
1BA11	Neuro - Low	Early - Community	0	1.1862
1BA21	Neuro - Low	Early - Community	1	1.2458
1BA31	Neuro - Low	Early - Community	2	1.3708
1BB11	Neuro - Medium	Early - Community	0	1.3571
1BB21	Neuro - Medium	Early - Community	1	1.4167
1BB31	Neuro - Medium	Early - Community	2	1.5418
1BC11	Neuro - High	Early - Community	0	1.4562
1BC21	Neuro - High	Early - Community	1	1.5158
1BC31	Neuro - High	Early - Community	2	1.6408
1CA11	Wound - Low	Early - Community	0	1.2199
1CA21	Wound - Low	Early - Community	1	1.2795
1CA31	Wound - Low	Early - Community	2	1.4046
1CB11	Wound - Medium	Early - Community	0	1.3724
1CB21	Wound - Medium	Early - Community	1	1.4321
1CB31	Wound - Medium	Early - Community	2	1.5571
1CC11	Wound - High	Early - Community	0	1.4919
1CC21	Wound - High	Early - Community	1	1.5516
1CC31	Wound - High	Early - Community	2	1.6766
1DA11	Complex - Low	Early - Community	0	0.9520
1DA21	Complex - Low	Early - Community	1	1.0117
1DA31	Complex - Low	Early - Community	2	1.1367
1DB11	Complex - Medium	Early - Community	0	1.1588
1DB21	Complex - Medium	Early - Community	1	1.2185
1DB31	Complex - Medium	Early - Community	2	1.3435
1DC11	Complex - High	Early - Community	0	1.1966
1DC21	Complex - High	Early - Community	1	1.2563
1DC31	Complex - High	Early - Community	2	1.3813
1EA11	MS Rehab - Low	Early - Community	0	1.0751
1EA21	MS Rehab - Low	Early - Community	1	1.1348
1EA31	MS Rehab - Low	Early - Community	2	1.2598
1EB11	MS Rehab - Medium	Early - Community	0	1.2025
1EB21	MS Rehab - Medium	Early - Community	1	1.2622
1EB31	MS Rehab - Medium	Early - Community	2	1.3872
1EC11	MS Rehab - High	Early - Community	0	1.3456
1EC21	MS Rehab - High	Early - Community	1	1.4053
1EC31	MS Rehab - High	Early - Community	2	1.5303
1FA11	Behavioral Health - Low	Early - Community	0	0.9056
1FA21	Behavioral Health - Low	Early - Community	1	0.9652
1FA31	Behavioral Health - Low	Early - Community	2	1.0902
1FB11	Behavioral Health - Medium	Early - Community	0	1.0832
1FB21	Behavioral Health - Medium	Early - Community	1	1.1428
1FB31	Behavioral Health - Medium	Early - Community	2	1.2678
1FC11	Behavioral Health - High	Early - Community	0	1.1715
1FC21	Behavioral Health - High	Early - Community	1	1.2311
1FC31	Behavioral Health - High	Early - Community	2	1.3562
1GA11	MMTA - Surgical Aftercare - Low	Early - Community	0	0.8826
1GA21	MMTA - Surgical Aftercare - Low	Early - Community	1	0.9422

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
1GA31	MMTA - Surgical Aftercare - Low	Early - Community	2	1.0672
1GB11	MMTA - Surgical Aftercare - Medium	Early - Community	0	1.0470
1GB21	MMTA - Surgical Aftercare - Medium	Early - Community	1	1.1066
1GB31	MMTA - Surgical Aftercare - Medium	Early - Community	2	1.2316
1GC11	MMTA - Surgical Aftercare - High	Early - Community	0	1.2029
1GC21	MMTA - Surgical Aftercare - High	Early - Community	1	1.2625
1GC31	MMTA - Surgical Aftercare - High	Early - Community	2	1.3875
1HA11	MMTA - Cardiac - Low	Early - Community	0	0.9722
1HA21	MMTA - Cardiac - Low	Early - Community	1	1.0319
1HA31	MMTA - Cardiac - Low	Early - Community	2	1.1569
1HB11	MMTA - Cardiac - Medium	Early - Community	0	1.1256
1HB21	MMTA - Cardiac - Medium	Early - Community	1	1.1853
1HB31	MMTA - Cardiac - Medium	Early - Community	2	1.3103
1HC11	MMTA - Cardiac - High	Early - Community	0	1.2403
1HC21	MMTA - Cardiac - High	Early - Community	1	1.2999
1HC31	MMTA - Cardiac - High	Early - Community	2	1.4249
1IA11	MMTA - Endocrine - Low	Early - Community	0	1.0913
1IA21	MMTA - Endocrine - Low	Early - Community	1	1.1509
1IA31	MMTA - Endocrine - Low	Early - Community	2	1.2759
1IB11	MMTA - Endocrine - Medium	Early - Community	0	1.2561
1IB21	MMTA - Endocrine - Medium	Early - Community	1	1.3158
1IB31	MMTA - Endocrine - Medium	Early - Community	2	1.4408
1IC11	MMTA - Endocrine - High	Early - Community	0	1.3783
1IC21	MMTA - Endocrine - High	Early - Community	1	1.4379
1IC31	MMTA - Endocrine - High	Early - Community	2	1.5630
1JA11	MMTA - GI/GU - Low	Early - Community	0	0.9318
1JA21	MMTA - GI/GU - Low	Early - Community	1	0.9914
1JA31	MMTA - GI/GU - Low	Early - Community	2	1.1165
1JB11	MMTA - GI/GU - Medium	Early - Community	0	1.0954
1JB21	MMTA - GI/GU - Medium	Early - Community	1	1.1550
1JB31	MMTA - GI/GU - Medium	Early - Community	2	1.2800
1JC11	MMTA - GI/GU - High	Early - Community	0	1.1891
1JC21	MMTA - GI/GU - High	Early - Community	1	1.2487
1JC31	MMTA - GI/GU - High	Early - Community	2	1.3738
1KA11	MMTA - Infectious - Low	Early - Community	0	0.9642
1KA21	MMTA - Infectious - Low	Early - Community	1	1.0239
1KA31	MMTA - Infectious - Low	Early - Community	2	1.1489
1KB11	MMTA - Infectious - Medium	Early - Community	0	1.0994
1KB21	MMTA - Infectious - Medium	Early - Community	1	1.1590
1KB31	MMTA - Infectious - Medium	Early - Community	2	1.2841
1KC11	MMTA - Infectious - High	Early - Community	0	1.2107
1KC21	MMTA - Infectious - High	Early - Community	1	1.2703
1KC31	MMTA - Infectious - High	Early - Community	2	1.3954
1LA11	MMTA - Respiratory - Low	Early - Community	0	0.9491
1LA21	MMTA - Respiratory - Low	Early - Community	1	1.0087
1LA31	MMTA - Respiratory - Low	Early - Community	2	1.1338
1LB11	MMTA - Respiratory - Medium	Early - Community	0	1.0930
1LB21	MMTA - Respiratory - Medium	Early - Community	1	1.1526
1LB31	MMTA - Respiratory - Medium	Early - Community	2	1.2777

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
1LC11	MMTA - Respiratory - High	Early - Community	0	1.2021
1LC21	MMTA - Respiratory - High	Early - Community	1	1.2617
1LC31	MMTA - Respiratory - High	Early - Community	2	1.3867
2AA11	MMTA - Other - Low	Early - Institutional	0	1.1759
2AA21	MMTA - Other - Low	Early - Institutional	1	1.2355
2AA31	MMTA - Other - Low	Early - Institutional	2	1.3606
2AB11	MMTA - Other - Medium	Early - Institutional	0	1.3159
2AB21	MMTA - Other - Medium	Early - Institutional	1	1.3755
2AB31	MMTA - Other - Medium	Early - Institutional	2	1.5006
2AC11	MMTA - Other - High	Early - Institutional	0	1.4415
2AC21	MMTA - Other - High	Early - Institutional	1	1.5011
2AC31	MMTA - Other - High	Early - Institutional	2	1.6261
2BA11	Neuro - Low	Early - Institutional	0	1.3681
2BA21	Neuro - Low	Early - Institutional	1	1.4278
2BA31	Neuro - Low	Early - Institutional	2	1.5528
2BB11	Neuro - Medium	Early - Institutional	0	1.5391
2BB21	Neuro - Medium	Early - Institutional	1	1.5987
2BB31	Neuro - Medium	Early - Institutional	2	1.7237
2BC11	Neuro - High	Early - Institutional	0	1.6381
2BC21	Neuro - High	Early - Institutional	1	1.6978
2BC31	Neuro - High	Early - Institutional	2	1.8228
2CA11	Wound - Low	Early - Institutional	0	1.4019
2CA21	Wound - Low	Early - Institutional	1	1.4615
2CA31	Wound - Low	Early - Institutional	2	1.5865
2CB11	Wound - Medium	Early - Institutional	0	1.5544
2CB21	Wound - Medium	Early - Institutional	1	1.6140
2CB31	Wound - Medium	Early - Institutional	2	1.7391
2CC11	Wound - High	Early - Institutional	0	1.6739
2CC21	Wound - High	Early - Institutional	1	1.7335
2CC31	Wound - High	Early - Institutional	2	1.8586
2DA11	Complex - Low	Early - Institutional	0	1.1340
2DA21	Complex - Low	Early - Institutional	1	1.1936
2DA31	Complex - Low	Early - Institutional	2	1.3187
2DB11	Complex - Medium	Early - Institutional	0	1.3408
2DB21	Complex - Medium	Early - Institutional	1	1.4004
2DB31	Complex - Medium	Early - Institutional	2	1.5255
2DC11	Complex - High	Early - Institutional	0	1.3786
2DC21	Complex - High	Early - Institutional	1	1.4382
2DC31	Complex - High	Early - Institutional	2	1.5633
2EA11	MS Rehab - Low	Early - Institutional	0	1.2571
2EA21	MS Rehab - Low	Early - Institutional	1	1.3167
2EA31	MS Rehab - Low	Early - Institutional	2	1.4418
2EB11	MS Rehab - Medium	Early - Institutional	0	1.3845
2EB21	MS Rehab - Medium	Early - Institutional	1	1.4441
2EB31	MS Rehab - Medium	Early - Institutional	2	1.5692
2EC11	MS Rehab - High	Early - Institutional	0	1.5276
2EC21	MS Rehab - High	Early - Institutional	1	1.5872
2EC31	MS Rehab - High	Early - Institutional	2	1.7123
2FA11	Behavioral Health - Low	Early - Institutional	0	1.0875

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
2FA21	Behavioral Health - Low	Early - Institutional	1	1.1472
2FA31	Behavioral Health - Low	Early - Institutional	2	1.2722
2FB11	Behavioral Health - Medium	Early - Institutional	0	1.2651
2FB21	Behavioral Health - Medium	Early - Institutional	1	1.3247
2FB31	Behavioral Health - Medium	Early - Institutional	2	1.4498
2FC11	Behavioral Health - High	Early - Institutional	0	1.3535
2FC21	Behavioral Health - High	Early - Institutional	1	1.4131
2FC31	Behavioral Health - High	Early - Institutional	2	1.5381
2GA11	MMTA - Surgical Aftercare - Low	Early - Institutional	0	1.0645
2GA21	MMTA - Surgical Aftercare - Low	Early - Institutional	1	1.1241
2GA31	MMTA - Surgical Aftercare - Low	Early - Institutional	2	1.2492
2GB11	MMTA - Surgical Aftercare - Medium	Early - Institutional	0	1.2289
2GB21	MMTA - Surgical Aftercare - Medium	Early - Institutional	1	1.2886
2GB31	MMTA - Surgical Aftercare - Medium	Early - Institutional	2	1.4136
2GC11	MMTA - Surgical Aftercare - High	Early - Institutional	0	1.3848
2GC21	MMTA - Surgical Aftercare - High	Early - Institutional	1	1.4444
2GC31	MMTA - Surgical Aftercare - High	Early - Institutional	2	1.5695
2HA11	MMTA - Cardiac - Low	Early - Institutional	0	1.1542
2HA21	MMTA - Cardiac - Low	Early - Institutional	1	1.2138
2HA31	MMTA - Cardiac - Low	Early - Institutional	2	1.3389
2HB11	MMTA - Cardiac - Medium	Early - Institutional	0	1.3076
2HB21	MMTA - Cardiac - Medium	Early - Institutional	1	1.3672
2HB31	MMTA - Cardiac - Medium	Early - Institutional	2	1.4923
2HC11	MMTA - Cardiac - High	Early - Institutional	0	1.4222
2HC21	MMTA - Cardiac - High	Early - Institutional	1	1.4818
2HC31	MMTA - Cardiac - High	Early - Institutional	2	1.6069
2IA11	MMTA - Endocrine - Low	Early - Institutional	0	1.2732
2IA21	MMTA - Endocrine - Low	Early - Institutional	1	1.3329
2IA31	MMTA - Endocrine - Low	Early - Institutional	2	1.4579
2IB11	MMTA - Endocrine - Medium	Early - Institutional	0	1.4381
2IB21	MMTA - Endocrine - Medium	Early - Institutional	1	1.4977
2IB31	MMTA - Endocrine - Medium	Early - Institutional	2	1.6228
2IC11	MMTA - Endocrine - High	Early - Institutional	0	1.5603
2IC21	MMTA - Endocrine - High	Early - Institutional	1	1.6199
2IC31	MMTA - Endocrine - High	Early - Institutional	2	1.7449
2JA11	MMTA - GI/GU - Low	Early - Institutional	0	1.1138
2JA21	MMTA - GI/GU - Low	Early - Institutional	1	1.1734
2JA31	MMTA - GI/GU - Low	Early - Institutional	2	1.2985
2JB11	MMTA - GI/GU - Medium	Early - Institutional	0	1.2773
2JB21	MMTA - GI/GU - Medium	Early - Institutional	1	1.3370
2JB31	MMTA - GI/GU - Medium	Early - Institutional	2	1.4620
2JC11	MMTA - GI/GU - High	Early - Institutional	0	1.3711
2JC21	MMTA - GI/GU - High	Early - Institutional	1	1.4307
2JC31	MMTA - GI/GU - High	Early - Institutional	2	1.5558
2KA11	MMTA - Infectious - Low	Early - Institutional	0	1.1462
2KA21	MMTA - Infectious - Low	Early - Institutional	1	1.2058
2KA31	MMTA - Infectious - Low	Early - Institutional	2	1.3309
2KB11	MMTA - Infectious - Medium	Early - Institutional	0	1.2814
2KB21	MMTA - Infectious - Medium	Early - Institutional	1	1.3410

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
2KB31	MMTA - Infectious - Medium	Early - Institutional	2	1.4660
2KC11	MMTA - Infectious - High	Early - Institutional	0	1.3927
2KC21	MMTA - Infectious - High	Early - Institutional	1	1.4523
2KC31	MMTA - Infectious - High	Early - Institutional	2	1.5773
2LA11	MMTA - Respiratory - Low	Early - Institutional	0	1.1311
2LA21	MMTA - Respiratory - Low	Early - Institutional	1	1.1907
2LA31	MMTA - Respiratory - Low	Early - Institutional	2	1.3157
2LB11	MMTA - Respiratory - Medium	Early - Institutional	0	1.2750
2LB21	MMTA - Respiratory - Medium	Early - Institutional	1	1.3346
2LB31	MMTA - Respiratory - Medium	Early - Institutional	2	1.4596
2LC11	MMTA - Respiratory - High	Early - Institutional	0	1.3840
2LC21	MMTA - Respiratory - High	Early - Institutional	1	1.4436
2LC31	MMTA - Respiratory - High	Early - Institutional	2	1.5687
3AA11	MMTA - Other - Low	Late - Community	0	0.5898
3AA21	MMTA - Other - Low	Late - Community	1	0.6495
3AA31	MMTA - Other - Low	Late - Community	2	0.7745
3AB11	MMTA - Other - Medium	Late - Community	0	0.7298
3AB21	MMTA - Other - Medium	Late - Community	1	0.7894
3AB31	MMTA - Other - Medium	Late - Community	2	0.9145
3AC11	MMTA - Other - High	Late - Community	0	0.8554
3AC21	MMTA - Other - High	Late - Community	1	0.9150
3AC31	MMTA - Other - High	Late - Community	2	1.0401
3BA11	Neuro - Low	Late - Community	0	0.7821
3BA21	Neuro - Low	Late - Community	1	0.8417
3BA31	Neuro - Low	Late - Community	2	0.9667
3BB11	Neuro - Medium	Late - Community	0	0.9530
3BB21	Neuro - Medium	Late - Community	1	1.0126
3BB31	Neuro - Medium	Late - Community	2	1.1377
3BC11	Neuro - High	Late - Community	0	1.0520
3BC21	Neuro - High	Late - Community	1	1.1117
3BC31	Neuro - High	Late - Community	2	1.2367
3CA11	Wound - Low	Late - Community	0	0.8158
3CA21	Wound - Low	Late - Community	1	0.8754
3CA31	Wound - Low	Late - Community	2	1.0005
3CB11	Wound - Medium	Late - Community	0	0.9683
3CB21	Wound - Medium	Late - Community	1	1.0279
3CB31	Wound - Medium	Late - Community	2	1.1530
3CC11	Wound - High	Late - Community	0	1.0878
3CC21	Wound - High	Late - Community	1	1.1475
3CC31	Wound - High	Late - Community	2	1.2725
3DA11	Complex - Low	Late - Community	0	0.5479
3DA21	Complex - Low	Late - Community	1	0.6076
3DA31	Complex - Low	Late - Community	2	0.7326
3DB11	Complex - Medium	Late - Community	0	0.7547
3DB21	Complex - Medium	Late - Community	1	0.8143
3DB31	Complex - Medium	Late - Community	2	0.9394
3DC11	Complex - High	Late - Community	0	0.7925
3DC21	Complex - High	Late - Community	1	0.8522
3DC31	Complex - High	Late - Community	2	0.9772

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
3EA11	MS Rehab - Low	Late - Community	0	0.6710
3EA21	MS Rehab - Low	Late - Community	1	0.7307
3EA31	MS Rehab - Low	Late - Community	2	0.8557
3EB11	MS Rehab - Medium	Late - Community	0	0.7984
3EB21	MS Rehab - Medium	Late - Community	1	0.8581
3EB31	MS Rehab - Medium	Late - Community	2	0.9831
3EC11	MS Rehab - High	Late - Community	0	0.9415
3EC21	MS Rehab - High	Late - Community	1	1.0012
3EC31	MS Rehab - High	Late - Community	2	1.1262
3FA11	Behavioral Health - Low	Late - Community	0	0.5015
3FA21	Behavioral Health - Low	Late - Community	1	0.5611
3FA31	Behavioral Health - Low	Late - Community	2	0.6861
3FB11	Behavioral Health - Medium	Late - Community	0	0.6790
3FB21	Behavioral Health - Medium	Late - Community	1	0.7387
3FB31	Behavioral Health - Medium	Late - Community	2	0.8637
3FC11	Behavioral Health - High	Late - Community	0	0.7674
3FC21	Behavioral Health - High	Late - Community	1	0.8270
3FC31	Behavioral Health - High	Late - Community	2	0.9521
3GA11	MMTA - Surgical Aftercare - Low	Late - Community	0	0.4784
3GA21	MMTA - Surgical Aftercare - Low	Late - Community	1	0.5381
3GA31	MMTA - Surgical Aftercare - Low	Late - Community	2	0.6631
3GB11	MMTA - Surgical Aftercare - Medium	Late - Community	0	0.6429
3GB21	MMTA - Surgical Aftercare - Medium	Late - Community	1	0.7025
3GB31	MMTA - Surgical Aftercare - Medium	Late - Community	2	0.8275
3GC11	MMTA - Surgical Aftercare - High	Late - Community	0	0.7987
3GC21	MMTA - Surgical Aftercare - High	Late - Community	1	0.8584
3GC31	MMTA - Surgical Aftercare - High	Late - Community	2	0.9834
3HA11	MMTA - Cardiac - Low	Late - Community	0	0.5681
3HA21	MMTA - Cardiac - Low	Late - Community	1	0.6277
3HA31	MMTA - Cardiac - Low	Late - Community	2	0.7528
3HB11	MMTA - Cardiac - Medium	Late - Community	0	0.7215
3HB21	MMTA - Cardiac - Medium	Late - Community	1	0.7812
3HB31	MMTA - Cardiac - Medium	Late - Community	2	0.9062
3HC11	MMTA - Cardiac - High	Late - Community	0	0.8361
3HC21	MMTA - Cardiac - High	Late - Community	1	0.8958
3HC31	MMTA - Cardiac - High	Late - Community	2	1.0208
3IA11	MMTA - Endocrine - Low	Late - Community	0	0.6871
3IA21	MMTA - Endocrine - Low	Late - Community	1	0.7468
3IA31	MMTA - Endocrine - Low	Late - Community	2	0.8718
3IB11	MMTA - Endocrine - Medium	Late - Community	0	0.8520
3IB21	MMTA - Endocrine - Medium	Late - Community	1	0.9116
3IB31	MMTA - Endocrine - Medium	Late - Community	2	1.0367
3IC11	MMTA - Endocrine - High	Late - Community	0	0.9742
3IC21	MMTA - Endocrine - High	Late - Community	1	1.0338
3IC31	MMTA - Endocrine - High	Late - Community	2	1.1588
3JA11	MMTA - GI/GU - Low	Late - Community	0	0.5277
3JA21	MMTA - GI/GU - Low	Late - Community	1	0.5873
3JA31	MMTA - GI/GU - Low	Late - Community	2	0.7124
3JB11	MMTA - GI/GU - Medium	Late - Community	0	0.6913

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
3JB21	MMTA - GI/GU - Medium	Late - Community	1	0.7509
3JB31	MMTA - GI/GU - Medium	Late - Community	2	0.8759
3JC11	MMTA - GI/GU - High	Late - Community	0	0.7850
3JC21	MMTA - GI/GU - High	Late - Community	1	0.8446
3JC31	MMTA - GI/GU - High	Late - Community	2	0.9697
3KA11	MMTA - Infectious - Low	Late - Community	0	0.5601
3KA21	MMTA - Infectious - Low	Late - Community	1	0.6198
3KA31	MMTA - Infectious - Low	Late - Community	2	0.7448
3KB11	MMTA - Infectious - Medium	Late - Community	0	0.6953
3KB21	MMTA - Infectious - Medium	Late - Community	1	0.7549
3KB31	MMTA - Infectious - Medium	Late - Community	2	0.8799
3KC11	MMTA - Infectious - High	Late - Community	0	0.8066
3KC21	MMTA - Infectious - High	Late - Community	1	0.8662
3KC31	MMTA - Infectious - High	Late - Community	2	0.9913
3LA11	MMTA - Respiratory - Low	Late - Community	0	0.5450
3LA21	MMTA - Respiratory - Low	Late - Community	1	0.6046
3LA31	MMTA - Respiratory - Low	Late - Community	2	0.7297
3LB11	MMTA - Respiratory - Medium	Late - Community	0	0.6889
3LB21	MMTA - Respiratory - Medium	Late - Community	1	0.7485
3LB31	MMTA - Respiratory - Medium	Late - Community	2	0.8735
3LC11	MMTA - Respiratory - High	Late - Community	0	0.7979
3LC21	MMTA - Respiratory - High	Late - Community	1	0.8576
3LC31	MMTA - Respiratory - High	Late - Community	2	0.9826
4AA11	MMTA - Other - Low	Late - Institutional	0	1.0367
4AA21	MMTA - Other - Low	Late - Institutional	1	1.0964
4AA31	MMTA - Other - Low	Late - Institutional	2	1.2214
4AB11	MMTA - Other - Medium	Late - Institutional	0	1.1767
4AB21	MMTA - Other - Medium	Late - Institutional	1	1.2364
4AB31	MMTA - Other - Medium	Late - Institutional	2	1.3614
4AC11	MMTA - Other - High	Late - Institutional	0	1.3023
4AC21	MMTA - Other - High	Late - Institutional	1	1.3619
4AC31	MMTA - Other - High	Late - Institutional	2	1.4870
4BA11	Neuro - Low	Late - Institutional	0	1.2290
4BA21	Neuro - Low	Late - Institutional	1	1.2886
4BA31	Neuro - Low	Late - Institutional	2	1.4136
4BB11	Neuro - Medium	Late - Institutional	0	1.3999
4BB21	Neuro - Medium	Late - Institutional	1	1.4595
4BB31	Neuro - Medium	Late - Institutional	2	1.5846
4BC11	Neuro - High	Late - Institutional	0	1.4990
4BC21	Neuro - High	Late - Institutional	1	1.5586
4BC31	Neuro - High	Late - Institutional	2	1.6836
4CA11	Wound - Low	Late - Institutional	0	1.2627
4CA21	Wound - Low	Late - Institutional	1	1.3223
4CA31	Wound - Low	Late - Institutional	2	1.4474
4CB11	Wound - Medium	Late - Institutional	0	1.4152
4CB21	Wound - Medium	Late - Institutional	1	1.4749
4CB31	Wound - Medium	Late - Institutional	2	1.5999
4CC11	Wound - High	Late - Institutional	0	1.5347
4CC21	Wound - High	Late - Institutional	1	1.5944

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
4CC31	Wound - High	Late - Institutional	2	1.7194
4DA11	Complex - Low	Late - Institutional	0	0.9948
4DA21	Complex - Low	Late - Institutional	1	1.0545
4DA31	Complex - Low	Late - Institutional	2	1.1795
4DB11	Complex - Medium	Late - Institutional	0	1.2016
4DB21	Complex - Medium	Late - Institutional	1	1.2613
4DB31	Complex - Medium	Late - Institutional	2	1.3863
4DC11	Complex - High	Late - Institutional	0	1.2395
4DC21	Complex - High	Late - Institutional	1	1.2991
4DC31	Complex - High	Late - Institutional	2	1.4241
4EA11	MS Rehab - Low	Late - Institutional	0	1.1179
4EA21	MS Rehab - Low	Late - Institutional	1	1.1776
4EA31	MS Rehab - Low	Late - Institutional	2	1.3026
4EB11	MS Rehab - Medium	Late - Institutional	0	1.2453
4EB21	MS Rehab - Medium	Late - Institutional	1	1.3050
4EB31	MS Rehab - Medium	Late - Institutional	2	1.4300
4EC11	MS Rehab - High	Late - Institutional	0	1.3884
4EC21	MS Rehab - High	Late - Institutional	1	1.4481
4EC31	MS Rehab - High	Late - Institutional	2	1.5731
4FA11	Behavioral Health - Low	Late - Institutional	0	0.9484
4FA21	Behavioral Health - Low	Late - Institutional	1	1.0080
4FA31	Behavioral Health - Low	Late - Institutional	2	1.1330
4FB11	Behavioral Health - Medium	Late - Institutional	0	1.1260
4FB21	Behavioral Health - Medium	Late - Institutional	1	1.1856
4FB31	Behavioral Health - Medium	Late - Institutional	2	1.3106
4FC11	Behavioral Health - High	Late - Institutional	0	1.2143
4FC21	Behavioral Health - High	Late - Institutional	1	1.2739
4FC31	Behavioral Health - High	Late - Institutional	2	1.3990
4GA11	MMTA - Surgical Aftercare - Low	Late - Institutional	0	0.9254
4GA21	MMTA - Surgical Aftercare - Low	Late - Institutional	1	0.9850
4GA31	MMTA - Surgical Aftercare - Low	Late - Institutional	2	1.1100
4GB11	MMTA - Surgical Aftercare - Medium	Late - Institutional	0	1.0898
4GB21	MMTA - Surgical Aftercare - Medium	Late - Institutional	1	1.1494
4GB31	MMTA - Surgical Aftercare - Medium	Late - Institutional	2	1.2744
4GC11	MMTA - Surgical Aftercare - High	Late - Institutional	0	1.2457
4GC21	MMTA - Surgical Aftercare - High	Late - Institutional	1	1.3053
4GC31	MMTA - Surgical Aftercare - High	Late - Institutional	2	1.4303
4HA11	MMTA - Cardiac - Low	Late - Institutional	0	1.0150
4HA21	MMTA - Cardiac - Low	Late - Institutional	1	1.0747
4HA31	MMTA - Cardiac - Low	Late - Institutional	2	1.1997
4HB11	MMTA - Cardiac - Medium	Late - Institutional	0	1.1684
4HB21	MMTA - Cardiac - Medium	Late - Institutional	1	1.2281
4HB31	MMTA - Cardiac - Medium	Late - Institutional	2	1.3531
4HC11	MMTA - Cardiac - High	Late - Institutional	0	1.2831
4HC21	MMTA - Cardiac - High	Late - Institutional	1	1.3427
4HC31	MMTA - Cardiac - High	Late - Institutional	2	1.4677
4IA11	MMTA - Endocrine - Low	Late - Institutional	0	1.1341
4IA21	MMTA - Endocrine - Low	Late - Institutional	1	1.1937
4IA31	MMTA - Endocrine - Low	Late - Institutional	2	1.3187

HIPPS	Clinical Group and Functional Level	Timing and Admission Source	Comorbidity Adjustment (0 = none, 1 = single comorbidity, 2 = interaction)	CY 2019 Weight
4IB11	MMTA - Endocrine - Medium	Late - Institutional	0	1.2989
4IB21	MMTA - Endocrine - Medium	Late - Institutional	1	1.3586
4IB31	MMTA - Endocrine - Medium	Late - Institutional	2	1.4836
4IC11	MMTA - Endocrine - High	Late - Institutional	0	1.4211
4IC21	MMTA - Endocrine - High	Late - Institutional	1	1.4807
4IC31	MMTA - Endocrine - High	Late - Institutional	2	1.6058
4JA11	MMTA - GI/GU - Low	Late - Institutional	0	0.9746
4JA21	MMTA - GI/GU - Low	Late - Institutional	1	1.0342
4JA31	MMTA - GI/GU - Low	Late - Institutional	2	1.1593
4JB11	MMTA - GI/GU - Medium	Late - Institutional	0	1.1382
4JB21	MMTA - GI/GU - Medium	Late - Institutional	1	1.1978
4JB31	MMTA - GI/GU - Medium	Late - Institutional	2	1.3228
4JC11	MMTA - GI/GU - High	Late - Institutional	0	1.2319
4JC21	MMTA - GI/GU - High	Late - Institutional	1	1.2916
4JC31	MMTA - GI/GU - High	Late - Institutional	2	1.4166
4KA11	MMTA - Infectious - Low	Late - Institutional	0	1.0070
4KA21	MMTA - Infectious - Low	Late - Institutional	1	1.0667
4KA31	MMTA - Infectious - Low	Late - Institutional	2	1.1917
4KB11	MMTA - Infectious - Medium	Late - Institutional	0	1.1422
4KB21	MMTA - Infectious - Medium	Late - Institutional	1	1.2018
4KB31	MMTA - Infectious - Medium	Late - Institutional	2	1.3269
4KC11	MMTA - Infectious - High	Late - Institutional	0	1.2535
4KC21	MMTA - Infectious - High	Late - Institutional	1	1.3131
4KC31	MMTA - Infectious - High	Late - Institutional	2	1.4382
4LA11	MMTA - Respiratory - Low	Late - Institutional	0	0.9919
4LA21	MMTA - Respiratory - Low	Late - Institutional	1	1.0515
4LA31	MMTA - Respiratory - Low	Late - Institutional	2	1.1766
4LB11	MMTA - Respiratory - Medium	Late - Institutional	0	1.1358
4LB21	MMTA - Respiratory - Medium	Late - Institutional	1	1.1954
4LB31	MMTA - Respiratory - Medium	Late - Institutional	2	1.3205
4LC11	MMTA - Respiratory - High	Late - Institutional	0	1.2449
4LC21	MMTA - Respiratory - High	Late - Institutional	1	1.3045
4LC31	MMTA - Respiratory - High	Late - Institutional	2	1.4295

Source: CY 2017 Medicare claims data for episodes ending on or before December 31, 2017 (as of June 30, 2018) for which we had a linked OASIS assessment. LUPA episodes, outlier episodes, and episodes with PEP adjustments were excluded.