

HEDIS 2014 - Comparison of Non-SNP and SNP Members in Medicare Five-Star Quality Ratings Measures

The following tables present, for 2015 Medicare Five-Star Quality Ratings Measures, the HEDIS 2014 results of health plan members enrolled in a Medicare Special Needs Plan (SNP) in December 2013 as compared with the results of Medicare members NOT enrolled in the SNP plan in December 2013. The health plan's official overall Medicare HEDIS 2014 scores are also provided for comparison. The following measures represent the results among 5,101 SNP members and 8,407 non-SNP. All SNP members in the following tables are Medicare/Medicaid dual-eligible. The results of the Z-Test for Proportions, at the .05 alpha level, are also provided to determine whether there is a significant difference in HEDIS rates between the SNP and non-SNP populations. Star ratings for each measure are per the cut points in the CMS Medicare 2015 Part C & D Technical Notes updated 9/3/2014, available on the CMS web site (<http://www.cms.gov/Medicare/Prescription-Drug-Coverage/PrescriptionDrugCovGenIn/Downloads/2015StarRatingsTechnicalNotes.pdf>).

Adult BMI Assessment

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	8105	693	8.55
Non-SNP Medicare	5218	388	7.44
SNP Medicare	2887	305	10.56

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	355	86.37	★★★
Non-SNP Medicare	262	224	85.50	★★★
SNP Medicare	149	131	87.92	★★★★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	-0.6884
p-value	0.4902
Significance (α = .05)	NO SIGNIFICANT DIFFERENCE

Breast Cancer Screening

Medicare Population	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	3199	2052	64.15	N/A
Non-SNP Medicare	2230	1463	65.61	N/A
SNP Medicare	969	589	60.78	N/A

Z-test (non-SNP v SNP)	
Z-Score	2.6127
p-value	0.00906
Significance (α = .05)	SIGNIFICANT DIFFERENCE

Cholesterol Management for Patients with Cardiovascular Conditions - LDL Screening

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	661	530	80.18
Non-SNP Medicare	451	360	79.82
SNP Medicare	210	170	80.95

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	345	83.94	★★★
Non-SNP Medicare	282	234	82.98	★★★
SNP Medicare	129	111	86.05	★★★★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	-0.7861
p-value	0.42952
Significance (α = .05)	NO SIGNIFICANT DIFFERENCE

Cholesterol Management for Patients with Cardiovascular Conditions - LDL<100

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	661	61	9.23
Non-SNP Medicare	451	52	11.53
SNP Medicare	210	9	4.29

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	215	52.31	N/A
Non-SNP Medicare	282	150	53.19	N/A
SNP Medicare	129	65	50.39	N/A

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	0.5281
p-value	0.59612
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Comprehensive Diabetes Care - Blood Pressure Control (<140/90)

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	265	64.48	N/A
Non-SNP Medicare	248	162	65.32	N/A
SNP Medicare	163	103	63.19	N/A

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	0.4419
p-value	0.65994
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Comprehensive Diabetes Care - Eye Exams

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	3712	2265	61.02
Non-SNP Medicare	2216	1304	58.84
SNP Medicare	1496	961	64.24

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	303	73.72	★★★★
Non-SNP Medicare	248	184	74.19	★★★★
SNP Medicare	163	119	73.01	★★★★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	0.2676
p-value	0.78716
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Comprehensive Diabetes Care - HbA1c Testing

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	3712	3418	92.08
Non-SNP Medicare	2216	2048	92.42
SNP Medicare	1496	1370	91.58

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	387	94.16	N/A
Non-SNP Medicare	248	237	95.56	N/A
SNP Medicare	163	150	92.02	N/A

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	1.4972
p-value	0.13362
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Comprehensive Diabetes Care - HbA1c Poor Control (>9.0%)

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	98	23.84	★ ★ ★
Non-SNP Medicare	248	47	18.95	★ ★ ★ ★
SNP Medicare	163	51	31.29	★ ★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	-2.8711
p-value	0.0041
Significance ($\alpha = .05$)	SIGNIFICANT DIFFERENCE

Comprehensive Diabetes Care - Nephropathy

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	3712	3231	87.04
Non-SNP Medicare	2216	1928	87.00
SNP Medicare	1496	1303	87.10

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	373	90.75	★ ★ ★ ★
Non-SNP Medicare	248	230	92.74	★ ★ ★ ★
SNP Medicare	163	143	87.73	★ ★ ★ ★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	1.7159
p-value	0.08544
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Comprehensive Diabetes Care - LDL Screening

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	3712	3001	80.85
Non-SNP Medicare	2216	1798	81.14
SNP Medicare	1496	1203	80.41

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	340	82.73	N/A
Non-SNP Medicare	248	209	84.27	N/A
SNP Medicare	163	131	80.37	N/A

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	1.0247
p-value	0.30772
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Comprehensive Diabetes Care - LDL <100

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	204	49.64	★ ★ ★
Non-SNP Medicare	248	129	52.02	★ ★ ★
SNP Medicare	163	75	46.01	★ ★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	1.1909
p-value	0.23404
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Colorectal Cancer Screening

Medicare Population (ADMIN)	Denominator	Numerator	Rate (%)
HEDIS 2014	7553	2467	32.66
Non-SNP Medicare	5252	1742	33.17
SNP Medicare	2301	725	31.51

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	218	53.04	★ ★ ★
Non-SNP Medicare	288	150	52.08	★ ★ ★
SNP Medicare	123	68	55.28	★ ★ ★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	-0.5955
p-value	0.5485
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Controlling High Blood Pressure

Medicare Population (HYBRID)	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	411	272	66.18	★ ★ ★ ★
Non-SNP Medicare	241	162	67.22	★ ★ ★ ★
SNP Medicare	170	110	64.71	★ ★ ★ ★

Z-test (Hybrid, non-SNP v SNP)	
Z-Score	0.5306
p-value	0.59612
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Disease Modifying Anti-Rheumatic Drug Therapy in Rheumatoid Arthritis

Medicare Population	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	176	131	74.43	★★★
Non-SNP Medicare	120	89	74.17	★★★
SNP Medicare	56	42	75.00	★★★

<u>Z-test (non-SNP v SNP)</u>	
Z-Score	-0.118
p-value	0.90448
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Glaucoma Screening in Older Adults

Medicare Population	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	7075	4938	69.80	N/A
Non-SNP Medicare	4858	3254	66.98	N/A
SNP Medicare	2217	1684	75.96	N/A

<u>Z-test (non-SNP v SNP)</u>	
Z-Score	-7.6276
p-value	~0
Significance ($\alpha = .05$)	SIGNIFICANT DIFFERENCE

Osteoporosis Management in Women Who Had a Fracture

Medicare Population	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	137	29	21.17	★★
Non-SNP Medicare	85	19	22.35	★★
SNP Medicare	52	10	19.23	★

<u>Z-test (non-SNP v SNP)</u>	
Z-Score	0.4341
p-value	0.6672
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Plan All-Cause Readmissions

Medicare Population	Denominator	Numerator	Rate (%)	2015 Star Rating
HEDIS 2014	2163	295	13.64	★
Non-SNP Medicare	1257	174	13.84	★
SNP Medicare	906	121	13.36	★

<u>Z-test (Hybrid, non-SNP v SNP)</u>	
Z-Score	0.3257
p-value	0.7414
Significance ($\alpha = .05$)	NO SIGNIFICANT DIFFERENCE

Care for Older Adults (Hybrid SNP-Only Measure)

Submeasure	Denominator	Numerator	Rate (%)	2015 Star Rating
Advance Care Planning	411	157	38.20	N/A
Medication Review	411	362	88.08	★★★★★
Functional Status Assessment	411	170	41.36	★
Pain Assessment	411	220	53.53	★★