



Performance Work Group

11/21/2015 Meeting

HSCRC

Health Services Cost
Review Commission

Readmission Reduction Incentive Policy Updated for FY2017

Readmission Measure Changes

- ▶ Implement latest version of CMS planned admission logic (v. 3.0)
- ▶ Remove newborns
 - ▶ CRISP ID issues for newborns
 - ▶ Low readmission rates as measured
- ▶ Socio-demographic adjustment—Future Development

Updates to Planned Readmission Algorithm

- ▶ Medical record review validation, led to the following changes:
 - ▶ Removed therapeutic radiation (CCS 211) and cancer chemotherapy (CCS 224) from planned procedure list.
 - ▶ Added to the acute diagnosis list: hypertension with complications (CCS 99), Acute pancreatitis (ICD-9 577.0), and Biliary tract disease (CCS 149).

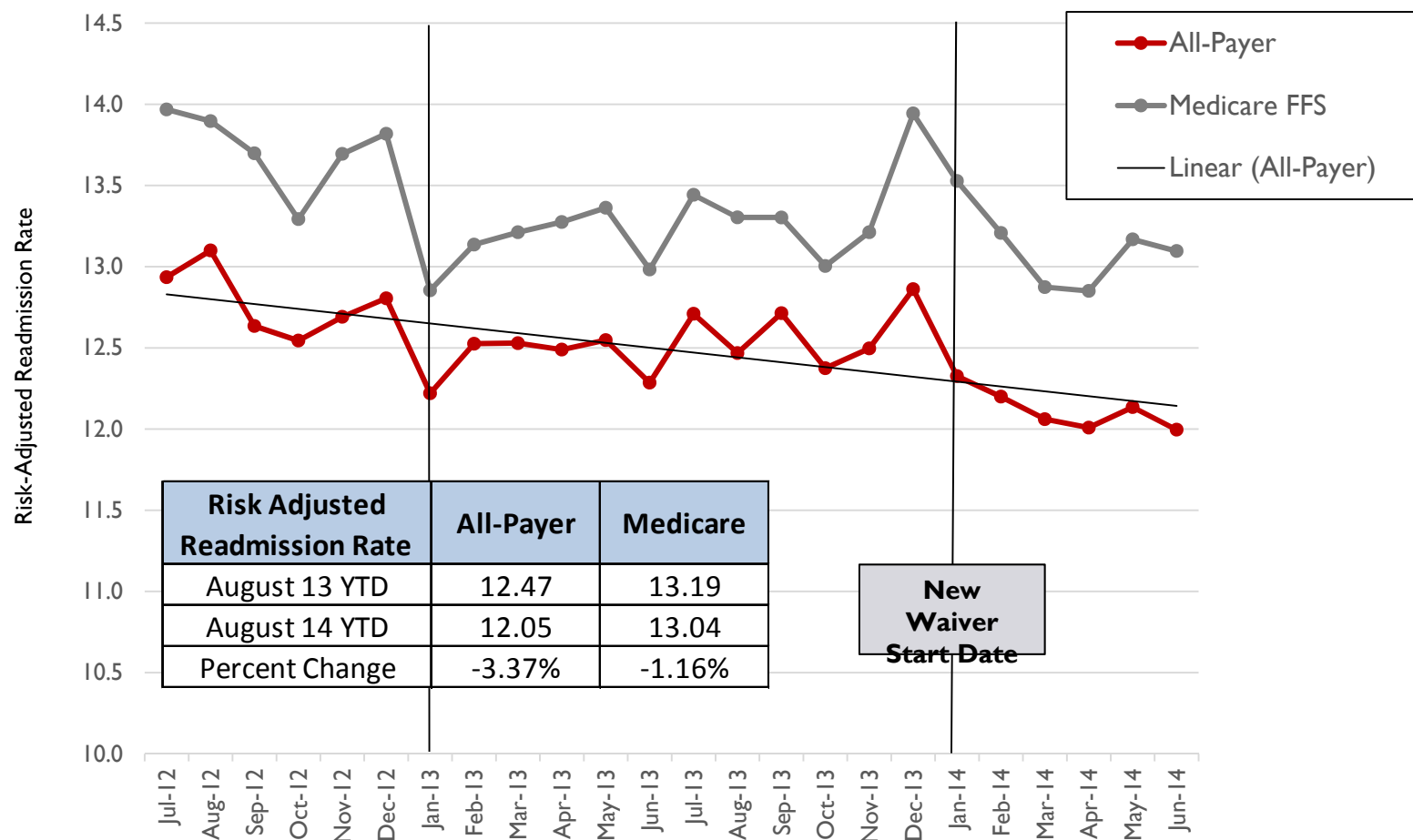
Table 3.2.2 – Effect of Planned Readmission Algorithm on HWR Measure

	Revised Measure	Original Measure
Number of Admissions	6,918,467	6,918,467
Number of Unplanned Readmissions	1,112,885	1,105,378
Unplanned Readmission Rate	16.1%	16.0%
Number of Planned Readmissions	85,673	93,180
Planned Readmission Rate	1.2%	1.3%
% of Readmissions that are Planned	7.1%	7.8%

Neonate Readmission Rates

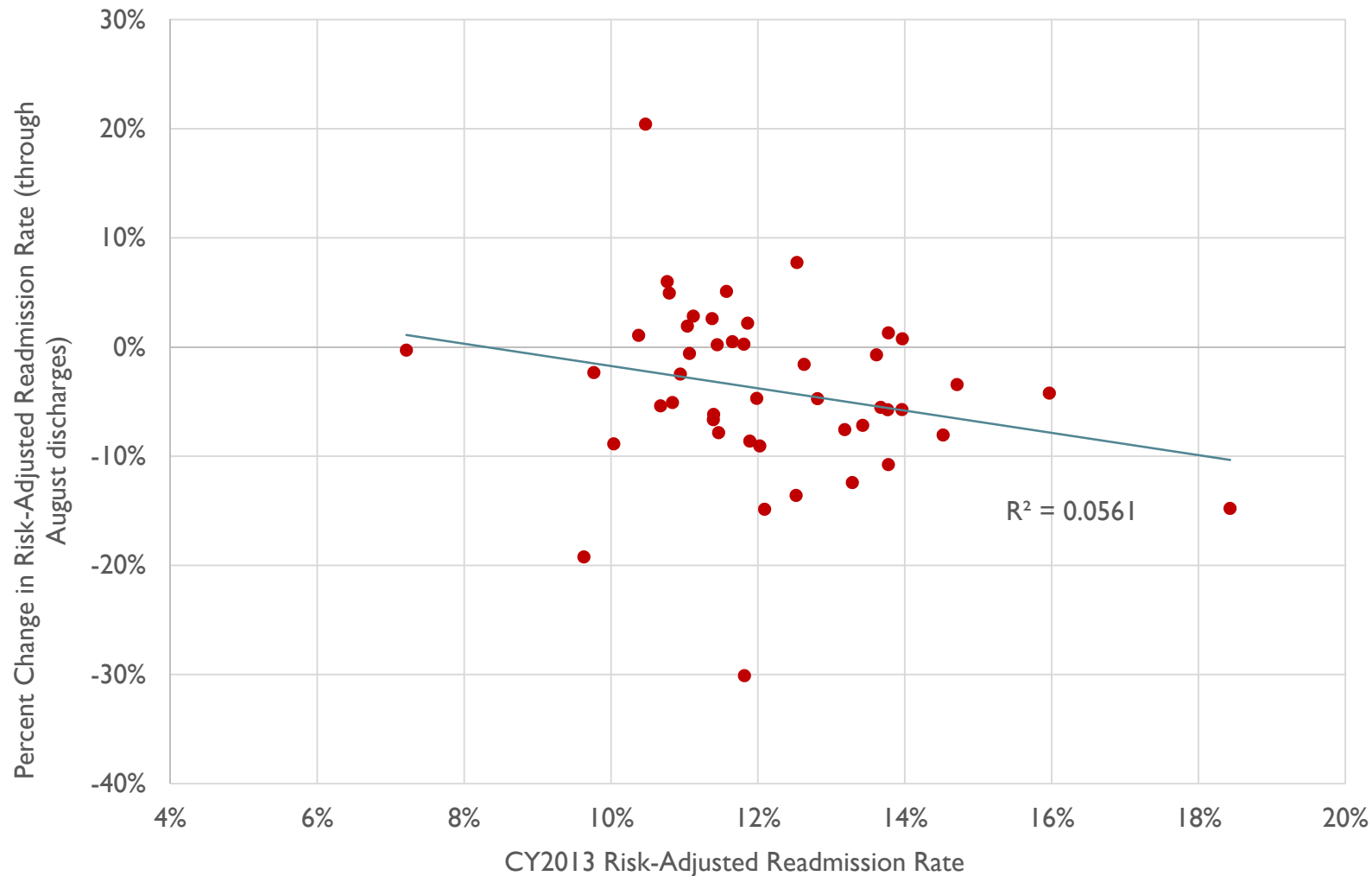
APR DRG	APR DRG DESCRIPTION	TOTAL NUMBER OF ELIGIBLE INPATIENT DISCHARGES	NUMBER OF READMISSIONS WITH PLANNED REMOVED	PERCENT READMISSIONS	% OF NEONATE READMISSIONS OF TOTAL READMISSIONS
863	Neonatal aftercare	69	3	4.35%	0.00%
636	Neonate birthwt >2499g w congenital/perinatal infection	637	10	1.57%	0.01%
633	Neonate birthwt >2499g w major anomaly	1,221	33	2.70%	0.04%
630	Neonate birthwt >2499g w major cardiovascular procedure	36	5	13.89%	0.01%
631	Neonate birthwt >2499g w other major procedure	80	12	15.00%	0.02%
639	Neonate birthwt >2499g w other significant condition	2,515	40	1.59%	0.05%
640	Neonate birthwt >2499g, normal newborn or neonate w other problem	56,971	972	1.71%	1.28%
603	Neonate birthwt 1000-1249g w or w/o other significant condition	30	-	0.00%	0.00%
613	Neonate birthwt 1500-1999g w congenital/perinatal infection	73	1	1.37%	0.00%
611	Neonate birthwt 1500-1999g w major anomaly	131	3	2.29%	0.00%
591	Neonate birthwt 500-749g w/o major procedure	71	7	9.86%	0.01%
593	Neonate birthwt 750-999g w/o major procedure	159	11	6.92%	0.01%
588	Neonate bwt <1500g w major procedure	58	9	15.52%	0.01%
589	Neonate bwt <500g or GA <24 weeks	37	4	10.81%	0.01%
602	Neonate bwt 1000-1249g w resp dist synd/oth maj resp or maj anom	180	14	7.78%	0.02%
608	Neonate bwt 1250-1499g w or w/o other significant condition	83	4	4.82%	0.01%
607	Neonate bwt 1250-1499g w resp dist synd/oth maj resp or maj anom	185	10	5.41%	0.01%
614	Neonate bwt 1500-1999g w or w/o other significant condition	648	14	2.16%	0.02%
612	Neonate bwt 1500-1999g w resp dist synd/oth maj resp cond	274	11	4.01%	0.01%
609	Neonate bwt 1500-2499g w major procedure	40	9	22.50%	0.01%
623	Neonate bwt 2000-2499g w congenital/perinatal infection	94	-	0.00%	0.00%
621	Neonate bwt 2000-2499g w major anomaly	203	8	3.94%	0.01%
625	Neonate bwt 2000-2499g w other significant condition	436	12	2.75%	0.02%
622	Neonate bwt 2000-2499g w resp dist synd/oth maj resp cond	293	11	3.75%	0.01%
626	Neonate bwt 2000-2499g, normal newborn or neonate w other problem	2,477	60	2.42%	0.08%
583	Neonate w ECMO	13	3	23.08%	0.00%
634	Neonate, birthwt >2499g w resp dist synd/oth maj resp cond	842	9	1.07%	0.01%
581	Neonate, transferred < 5 days old, born here	557	20	3.59%	0.03%
580	Neonate, transferred <5 days old, not born here	5	-	0.00%	0.00%
STATEWIDE		68,418	1,295	1.89%	0.87%

Monthly Risk-Adjusted Readmission Rates



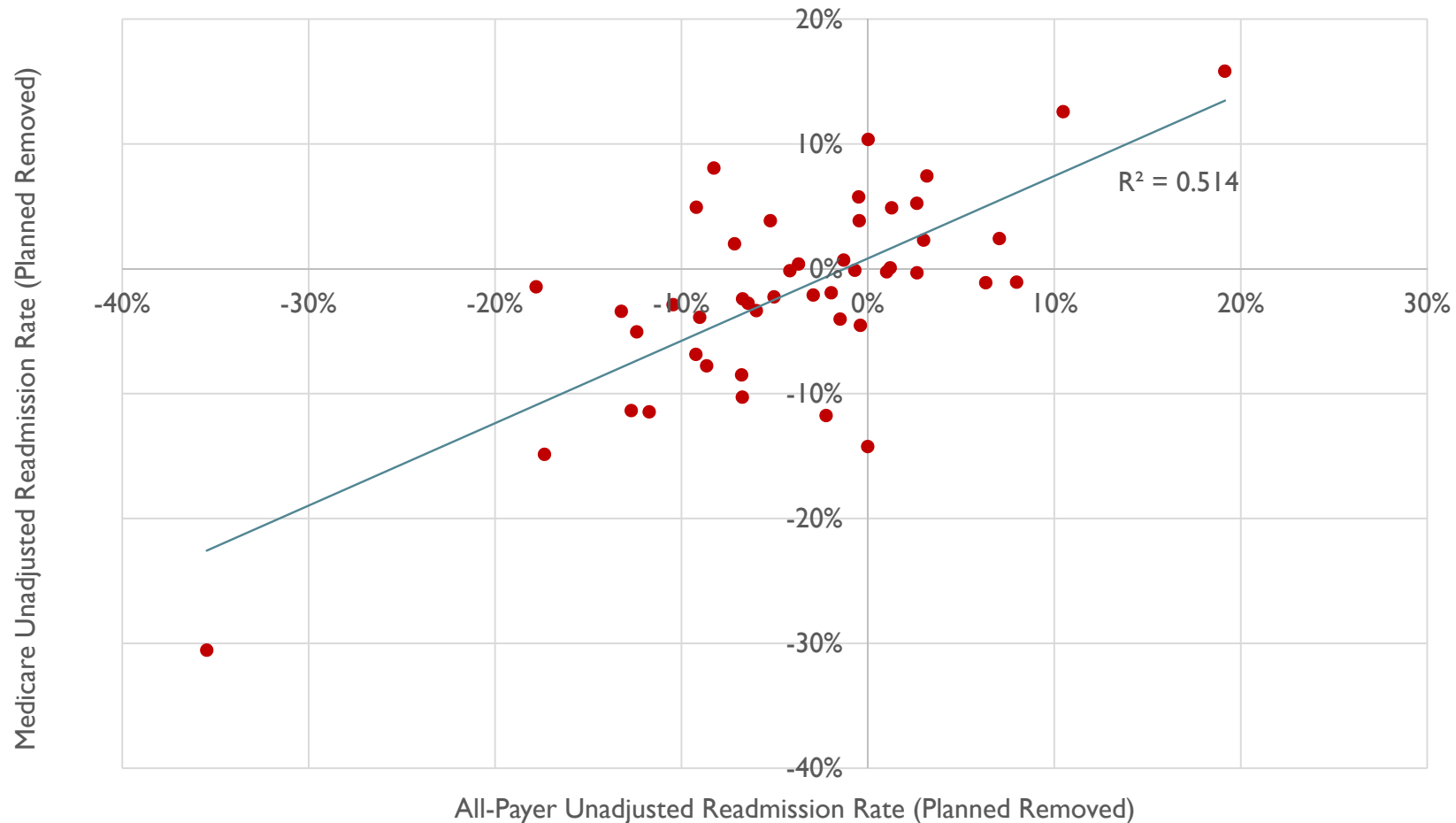
Note: Based on final data for January 2013 - June 2014.

No Correlation between Readmission Rate during Base Period and Improvement



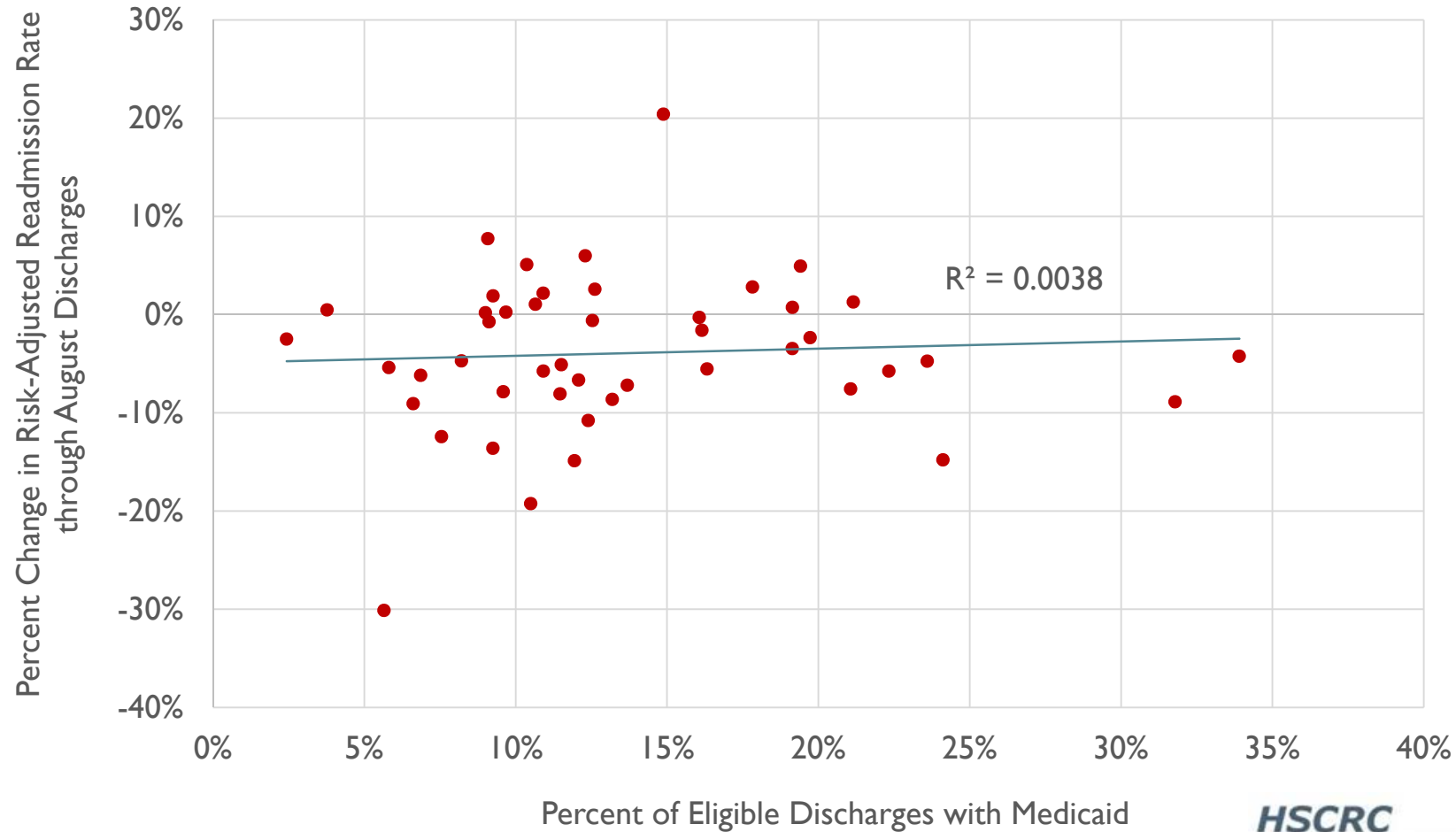
Higher Correlation between All-Payer vs. Medicare Readmission Rates

FY2014 YTD % Change in Readmission Rates: All-Payer vs. Medicare



No Correlation between Percent Medicaid Admissions vs. Readmission Rate Change

FY2014 YTD % Change in Readmission Rates vs %CY13 Medicaid Discharges

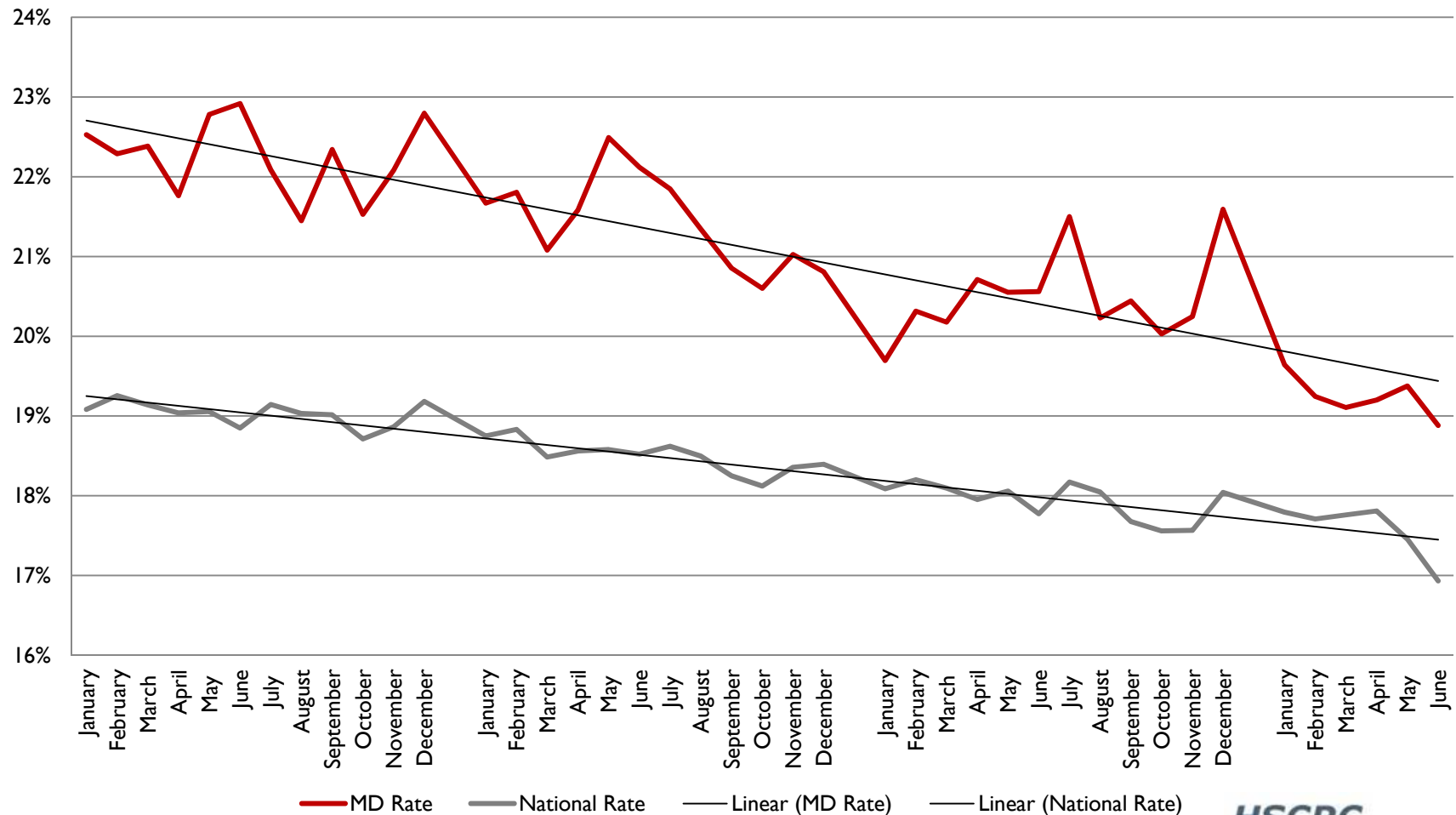


Update CMMI Readmission Measure

- ▶ **CMMI Vendor will be:**
 - ▶ Changing readmission measure to include 30-day Medicare enrollment requirement
 - ▶ Verifying Medicare Advantage beneficiaries are not included in MD or National data
 - ▶ Examining issues around distinct part units (e.g., psychiatric beds in acute care hospitals) in MD and National data
 - ▶ Considering removing planned readmissions

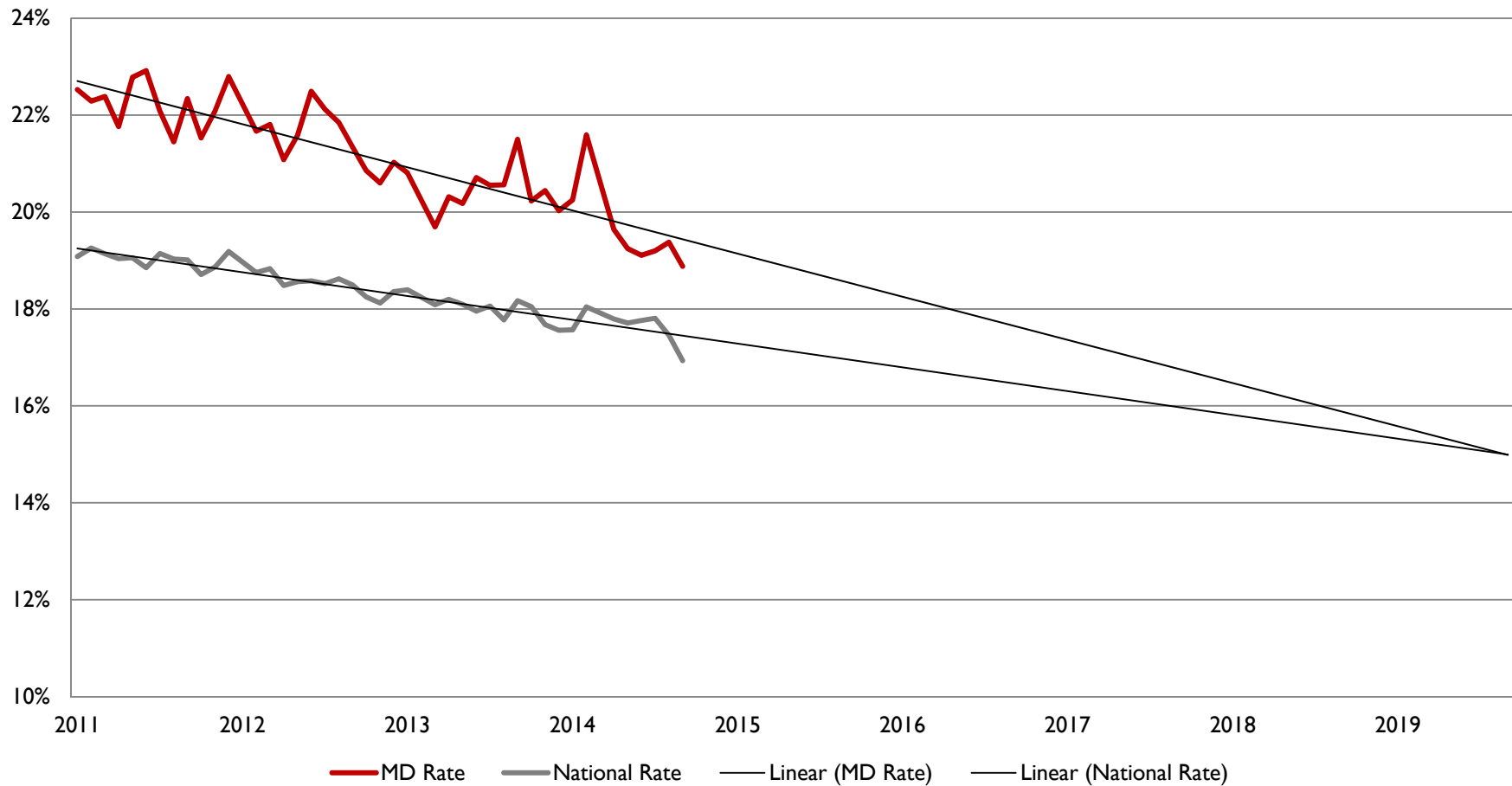
MD and National Trends

CY2011-June 2014 Readmission Rates



Projected MD and National Trends

2011-June 2014 Readmission Rates Projected Forward



Readmission Improvement Target 1

Scenario 1: Last Year's National Change carried forward

	CMMI National				CMMI Maryland				MD- US Difference
	Admissions	Readmissions	% Readmissions	Percent Change in Rate of Readmits	Admissions	Readmissions	% Readmissions	Percent Change in Rate of Readmits	
FY2012	21,337,633	4,036,998	18.92%		454,839	100,447	22.08%		16.7%
FY2013	20,730,663	3,804,419	18.35%	-3.00%	449,008	94,560	21.06%	-4.64%	14.8%
FY 2014	19,599,955	3,494,901	17.83%	-2.84%	450,468	91,127	20.23%	-3.94%	13.4%
FY2015			17.33%	-2.84%			19.01%	-6.04%	9.7%
CY2015			16.59%	-4.25%			17.28%	-9.06%	4.2%
FY2016			16.83%	-2.84%			17.86%	-6.04%	6.1%
FY2017			16.36%	-2.84%			16.78%	-6.04%	2.6%
FY2018			15.89%	-2.84%			15.77%	-6.04%	-0.8%

Assumption

Result for Maryland

Readmission Improvement Target 2

Scenario 2: Average of the Last 2 years carried forward

	CMMI National				CMMI Maryland				MD- US Difference
	Admissions	Readmissions	% Readmissions	Percent Change in Rate of Readmits	Admissions	Readmissions	% Readmissions	Percent Change in Rate of Readmits	
FY2012	21,337,633	4,036,998	18.92%		454,839	100,447	22.08%		16.7%
FY2013	20,730,663	3,804,419	18.35%	-3.00%	449,008	94,560	21.06%	-4.64%	14.8%
FY 2014	19,599,955	3,494,901	17.83%	-2.84%	450,468	91,127	20.23%	-3.94%	13.4%
FY2015			17.31%	-2.92%			18.99%	-6.12%	9.7%
CY2015			16.55%	-4.38%			17.25%	-9.19%	4.2%
FY2016			16.81%	-2.92%			17.83%	-6.12%	6.1%
FY2017			16.31%	-2.92%			16.74%	-6.12%	2.6%
FY2018			15.84%	-2.92%			15.71%	-6.12%	-0.8%

Assumption

Result for Maryland