



MSSP & CMMI Financial and Quality Performance Results

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Executive Summary

FINANCIAL RESULTS ARE MIXED AMONG THE MSSP AND CMMI DEMONSTRATION PROGRAMS WHEN EXAMINING THE IMPACT ON THE FEDERAL BUDGET

Alternative Payment Model	Aggregate Participant Earned Savings*	Aggregate Program Savings*	Actual Spending Impact*
MSSP ACO	\$1,989,987,494	-\$1,606,271,915	\$383,715,579
Pioneer ACO	\$276,338,725	-\$413,049,041	-\$136,710,316
Next Generation ACO	\$37,973,093	-\$48,299,724	-\$10,326,631
Comprehensive ESRD Care Model	\$51,151,304	-\$75,120,837	-\$23,969,533
CPC	N/A	N/A	\$149,188,869
CJR	\$37,594,131	N/A	N/A

*Numbers may differ slightly from the graphs/data throughout this presentation due to rounding.

Note: A positive value indicates a negative impact on the federal budget and a negative value indicates a positive impact on the federal budget.

MSSP: Medicare Shared Savings Program; CMMI: Center for Medicare & Medicaid Innovation; ACO: Accountable Care Organization;

ESRD: End-Stage Renal Disease; CPC: Comprehensive Primary Care; CJR: Comprehensive Care for Joint Replacement



Three Key Definitions of Our Analysis

Participant Earned Savings

Participants in APMs (like ACOs) may be eligible to receive financial bonuses from CMS for keeping costs sufficiently below a target amount (e.g., benchmark).

“Participant earned savings” refers to the amount of shared savings or reconciliation payments that were earned by such participants.

Program Savings

APMs and CMS/CMMI demonstrations are often judged on the amount of money that the Medicare program spends below, or in excess of, a target amount, not including participant earned savings.

“Program savings” refers to the amount of Medicare spending below (or above) the target amount.

Actual Spending Impact

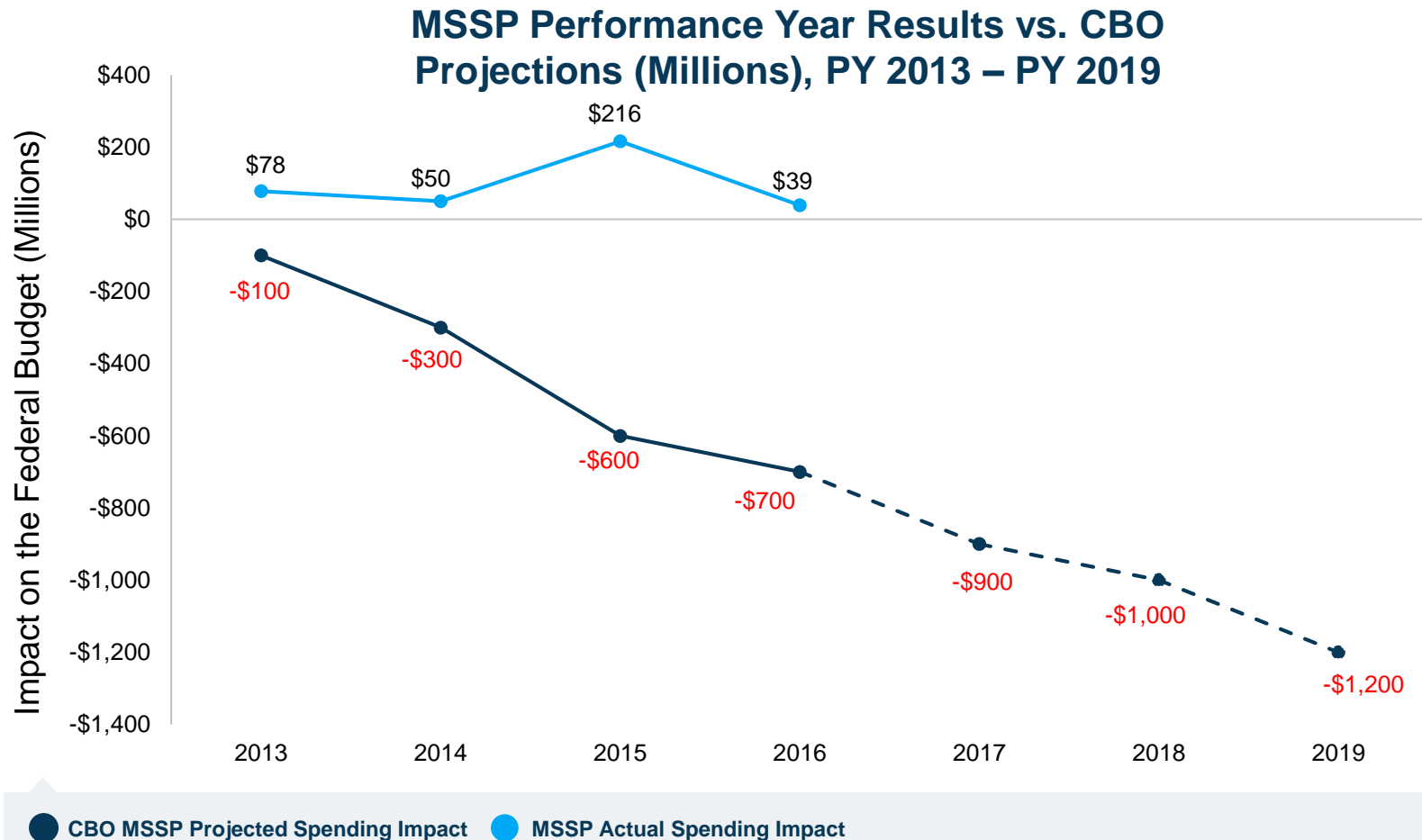
Program participants may be eligible for financial bonuses, while others may be responsible for paying losses to CMS for spending above their target amount.

“Actual spending impact” refers to the aggregate impact of shared savings, performance bonuses, or penalties combined with the program savings. This reflects the ultimate financial impact to the Medicare program of a particular demonstration or payment model.



Program-Specific Results

MSSP Full Performance Year Results vs. CBO Projections



*CBO projections taken from 2010 score of the H.R. 4872, the Reconciliation Act of 2010

Note: Totals may not be exact figures as they are subject to rounding.

MSSP: Medicare Shared Savings Program; ACO: Accountable Care Organization; CMS: Centers for Medicare & Medicaid Services; CBO: Congressional Budget Office; CMMI: Center for Medicare & Medicaid Innovation

Sources: 1. CBO. Estimated Budgetary Impact of the Legislation H.R. 4872, the Reconciliation Act of 2010. Mar. 20, 2010.

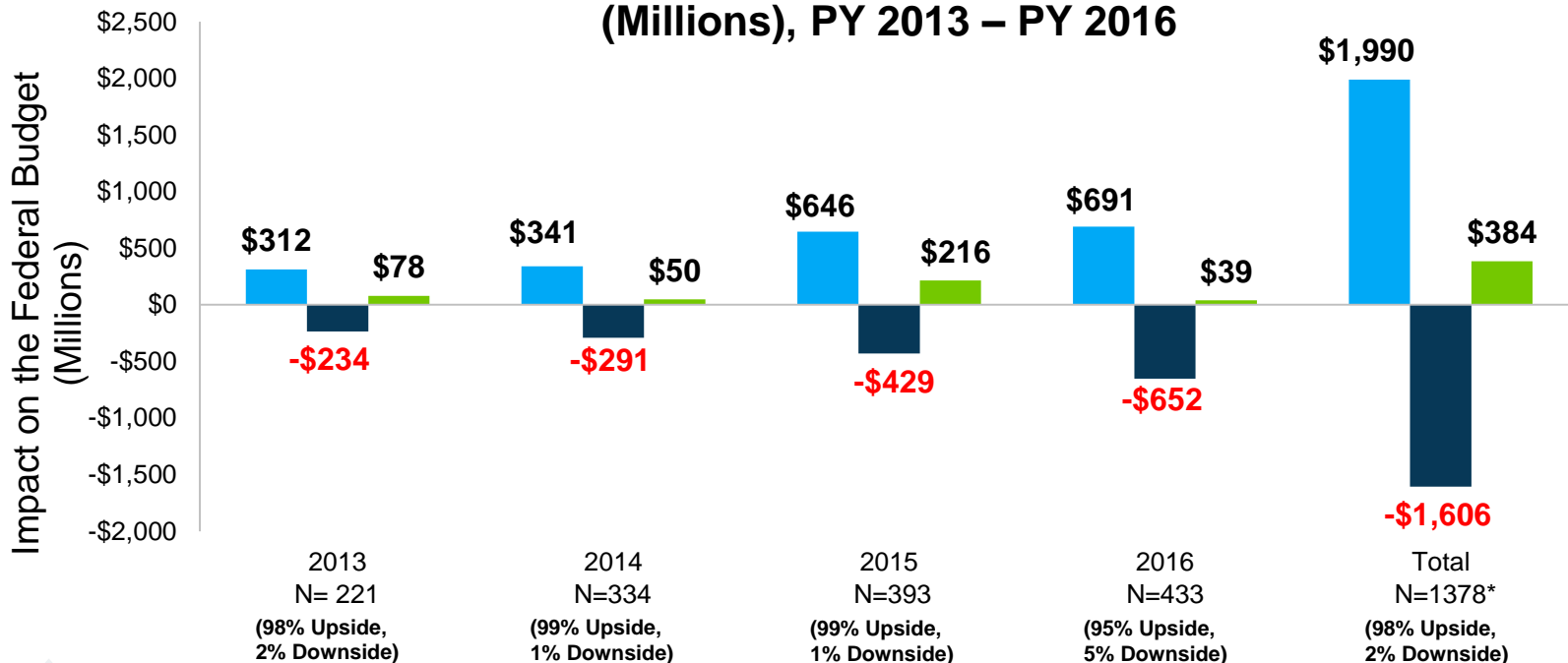
Available at: <https://www.cbo.gov/sites/default/files/111th-congress-2009-2010/costestimate/amendreconprop.pdf>; 2.

CMS. ACO Participation and Performance Data. 2013 - 2016. Available at: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/sharedsavingsprogram/program-data.html>.



MSSP Full Performance Year Results

MSSP ACO Performance Year Results (Millions), PY 2013 – PY 2016



● Participant Earned Savings ● Program Savings ● MSSP Actual Spending Impact

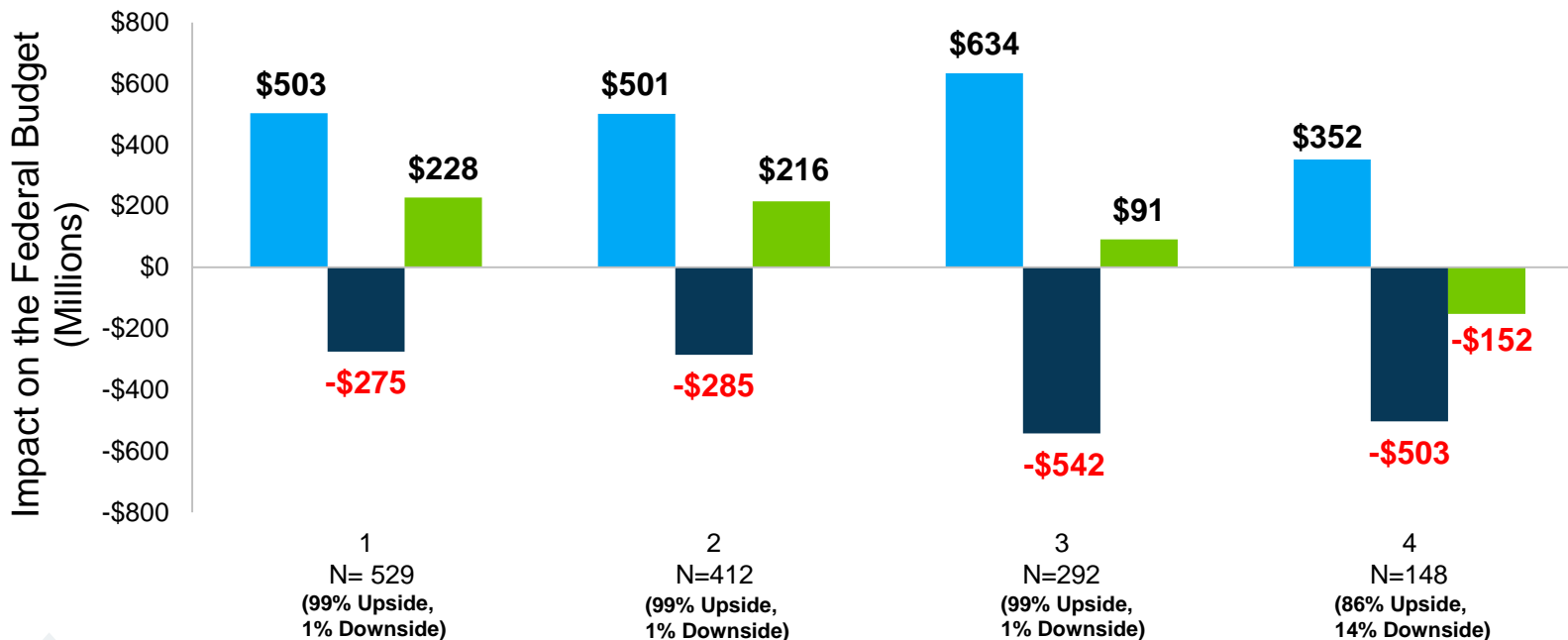
Performance Year	2013	2014	2015	2016
Overall Quality Score**	P4R	83.08%	91.44%	93.08%

*N value is calculated as number of ACO performance years rather than as total number of ACOs
 **Calculation of Overall Quality Scores for MSSP ACOs excludes ACOs receiving P4R designation
 Note: Totals may not be exact figures as they are subject to rounding
 MSSP: Medicare Shared Savings Program; ACO: Accountable Care Organization; CMS: Centers for Medicare & Medicaid Services
 Sources: CMS. ACO Participation and Performance Data. 2016. Available at: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/sharedsavingsprogram/program-data.html>.



MSSP Performance Results by ACO's Year in Program

MSSP ACO Performance Results by ACO's Year in Program (Millions), PY 2013 – PY 2016



● Participant Earned Savings
 ● Program Savings
 ● MSSP Actual Spending Impact

Years in Program	1	2	3	4
Overall Quality Score*	P4R	88.10%	91.37%	93.10%

*Calculation of Overall Quality Scores for MSSP ACOs excludes ACOs receiving P4R designation

Note: Totals may not be exact figures as they are subject to rounding

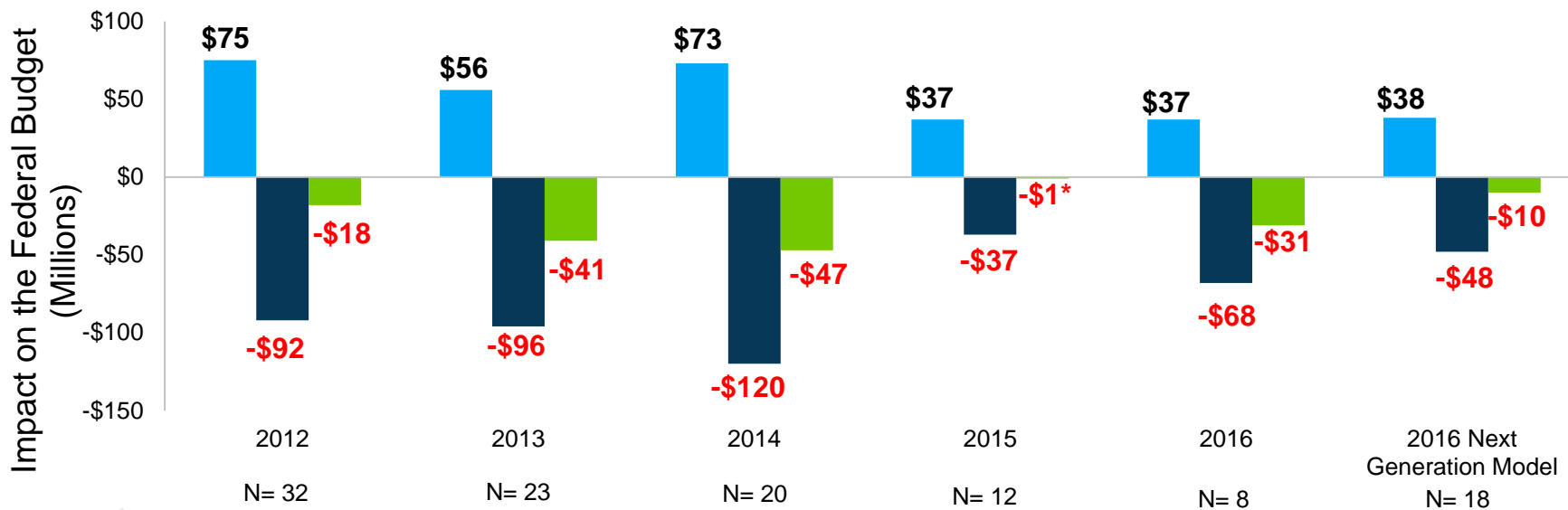
MSSP: Medicare Shared Savings Program; ACO: Accountable Care Organization; CMS: Centers for Medicare & Medicaid Services

Sources: CMS. ACO Participation and Performance Data. 2016. Available at: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/sharedsavingsprogram/program-data.html>.



CMMI ACO Demonstration Performance Results

Pioneer ACO Performance Results (Millions), PY 2012 – PY 2016 and Next Generation ACO Performance Results (Millions), PY 2016



● Participant Earned Savings ● Program Savings ● Actual Spending Impact

Pioneer ACO Quality Performance Results

Performance Year	2012	2013	2014	2015	2016
Overall Quality Score**	P4R	85.25%	87.22%	92.26%	92.96%

*The actual spending impact to CMS in PY 2015 for Pioneer ACOs is listed as -\$1 million due to rounding

**Calculation of overall quality scores for Pioneer ACOs excludes ACOs receiving P4R designation

Note: Totals may not be exact figures as they are subject to rounding

ACO: Accountable Care Organization; CMS: Centers for Medicare & Medicaid Services; CMMI: Center for Medicare & Medicaid Innovation

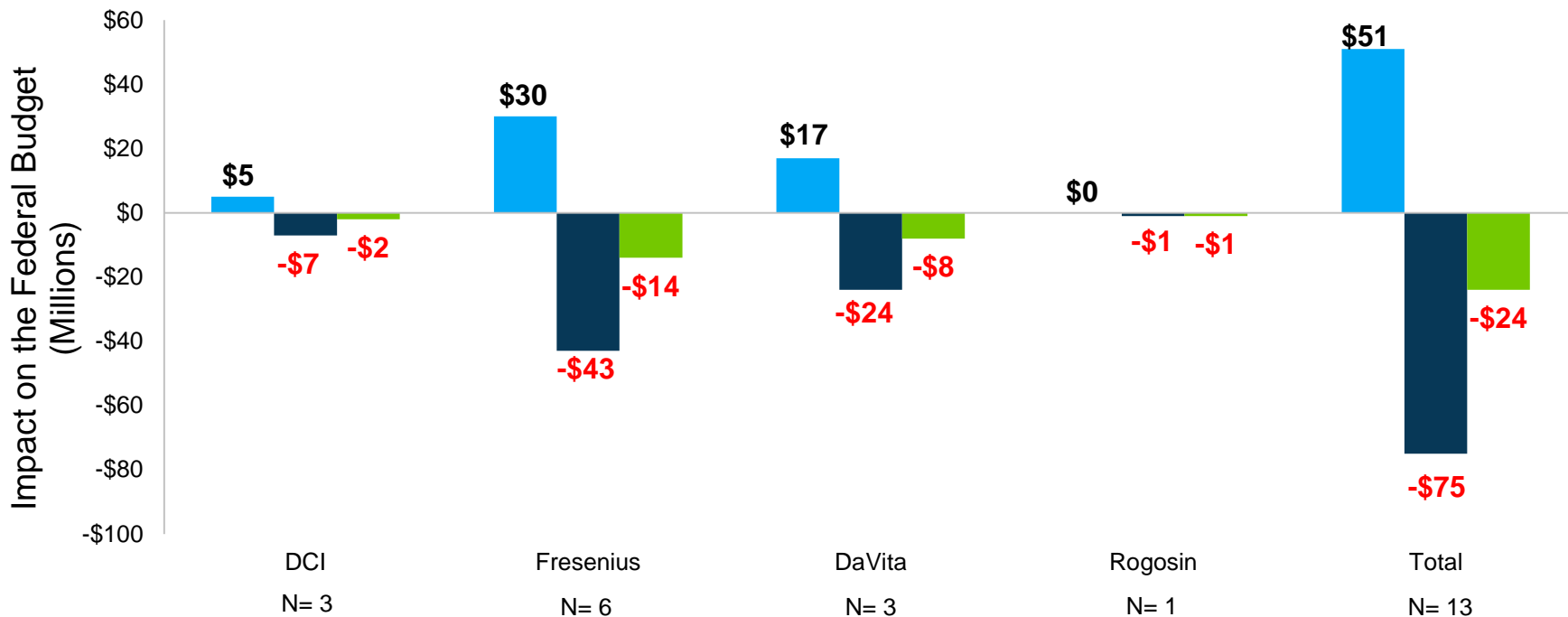
Sources: 1. CMS. Pioneer ACO PY 1-5 Financial and Quality Results. Oct. 2017. Available at: <https://innovation.cms.gov/initiatives/Pioneer-aco-model/>; 2. CMS. Next Generation ACO Model Financial and Quality Results Performance Year 1. 2016. Available at:

<https://innovation.cms.gov/initiatives/Next-Generation-ACO-Model/>.



ESRD Savings by ESCO Parent Organization

ESCO Performance Results (Millions), PY 2016



● Participant Earned Savings
 ● Program Savings
 ● ESCO Actual Spending Impact

Performance Year	2016
Overall Quality Score*	P4R

*ESCOs in their first performance year only have pay-for-reporting requirements

Note: Totals may not be exact figures as they are subject to rounding

ESRD: End-Stage Renal Disease; ESCO: ESRD Seamless Care Organization; CMS: Centers for Medicare & Medicaid Services

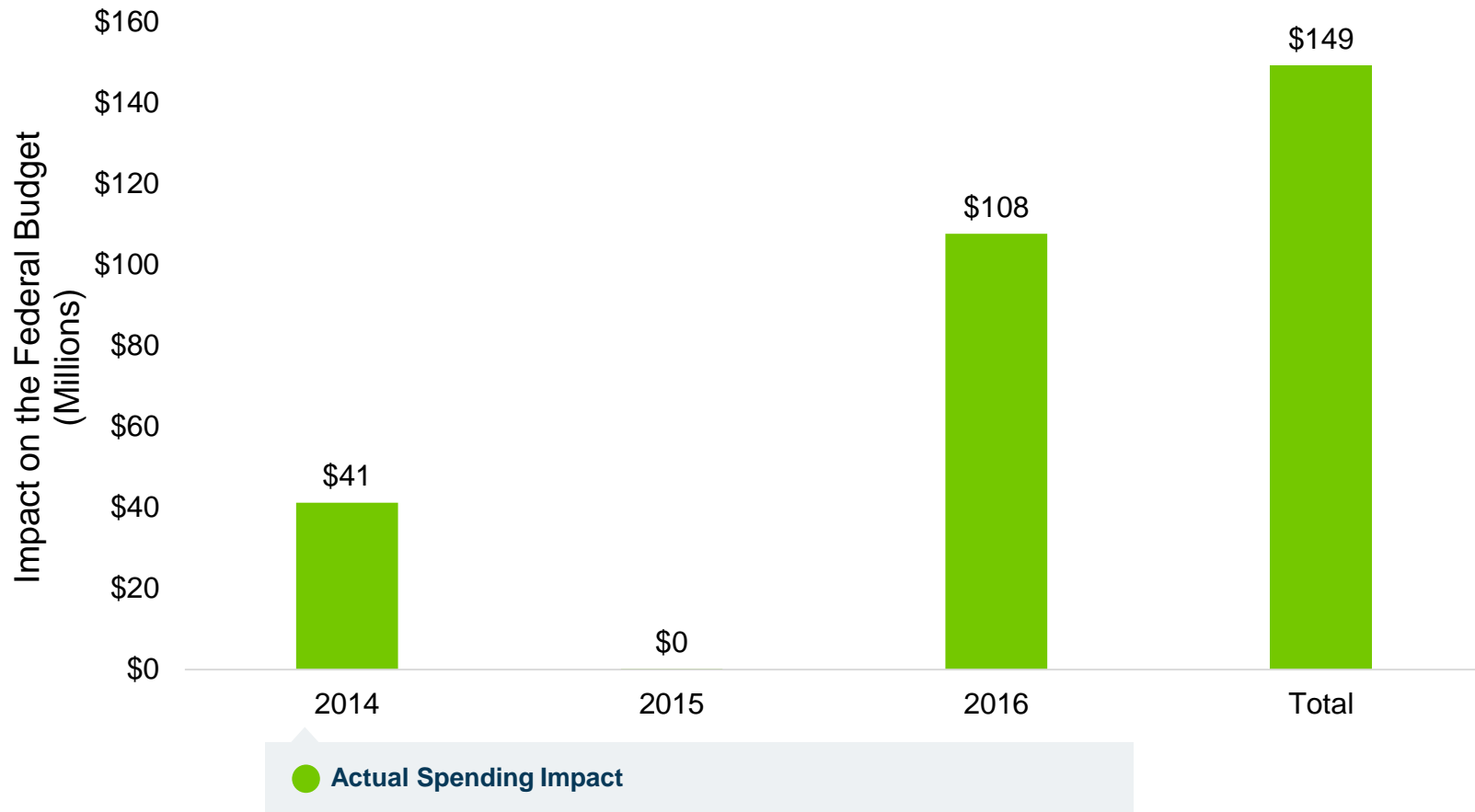
Source: CMS. CEC Financial and Quality Results Performance Year 1. 2016. Available at:

<https://innovation.cms.gov/initiatives/comprehensive-esrd-care/>.



Comprehensive Primary Care (CPC) Initiative Financial Results

CPC Performance Results, PY 2014 – PY 2016*



*CMS did not release financial performance results in PY 2013

Note: CMS did not provide enough information to calculate the participant earned savings and program savings

Note: Totals may not be exact figures as they are subject to rounding

CPC: Comprehensive Primary Care; CMS: Centers for Medicare & Medicaid Services

Sources: CMS. Comprehensive Primary Care Initiative: Shared Savings & Quality Data Summary. 2017. Available at:

<https://innovation.cms.gov/initiatives/comprehensive-primary-care-initiative/>.



CPC Quality Results

CPC Quality Performance Results, PY 2013 – 2016

Claims-Based Quality Measure Performance (Region-Level Scores)

Performance Year	All-Cause Hospital Readmissions*	Heart Failure Admissions**	COPD Admissions**
2013	N/A	N/A	N/A
2014	14.52%	0.84	0.77
2015	14.59%	0.91	0.88
2016	14.34%	0.85	0.81

CAHPS Patient Experience Performance***

Performance Year	Getting Timely Appointments, Care, and Information	How Well Providers Communicate with Patient	Patient Rating of Provider and Care	Attention to Care from Other Providers	Providers Support Patient in Taking Care of Own Health
2013	N/A	N/A	N/A	N/A	N/A
2014	95%	98%	96%	96%	96%
2015	97%	98%	98%	99%	99%
2016	97%	100%	98%	100%	99%

*Performance is measured as the risk-standardized percentage of hospital discharges (as defined in the specifications) that resulted in a readmission (lower percentage indicates better performance)

**Performance is measured as the ratio of the observed to expected number of hospital admissions for heart failure, COPD, or asthma in the region (lower ratio indicates better performance)

***Percent of Practices that Earned Quality Points by Exceeding a Performance Benchmark

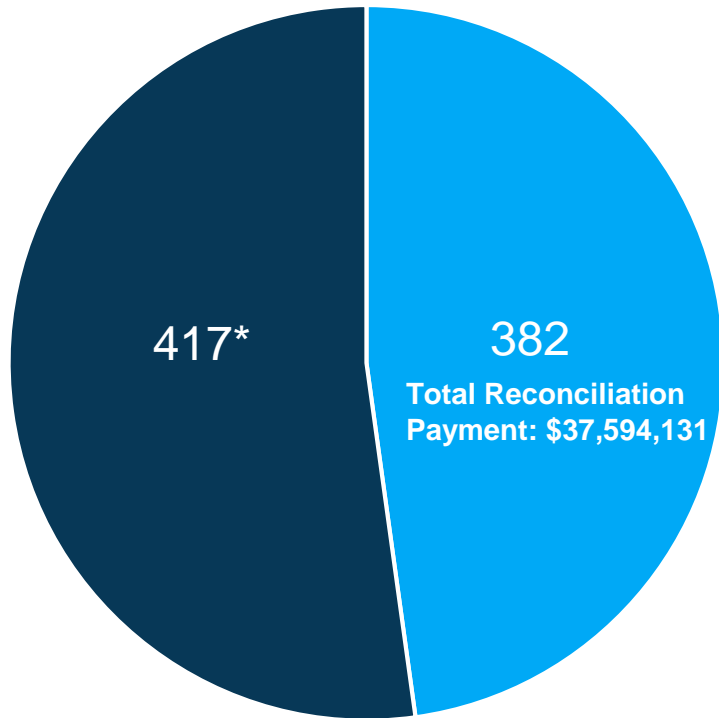
CPC: Comprehensive Primary Care Initiative, CAHPS: Consumer Assessment of Healthcare Providers and Systems
Sources: CMS. Comprehensive Primary Care Initiative: Shared Savings & Quality Data Summary. 2017. Available at:

<https://innovation.cms.gov/initiatives/comprehensive-primary-care-initiative/>.



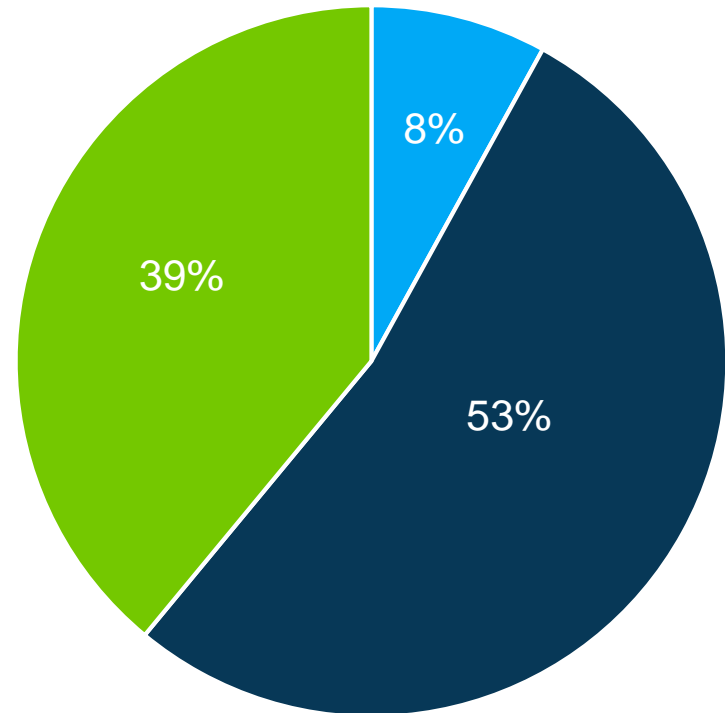
CJR 2016 Financial and Quality Results

Less Than 48% of CJR Hospitals Received Reconciliation Payments, PY 2016



- Received Reconciliation Payments
- Did not Receive Reconciliation Payments

More than 90% of CJR Hospitals Receiving Reconciliation Had Good or Excellent Quality, PY 2016



- Acceptable Quality
- Good Quality
- Excellent Quality

*CMS has not released financial data for CJR hospitals that did not receive reconciliation payments in PY 1
 CJR: Comprehensive Care for Joint Replacement
 Source: CMS. Shared Savings & Quality Data Summary. Available at: <https://innovation.cms.gov/initiatives/cjr>.

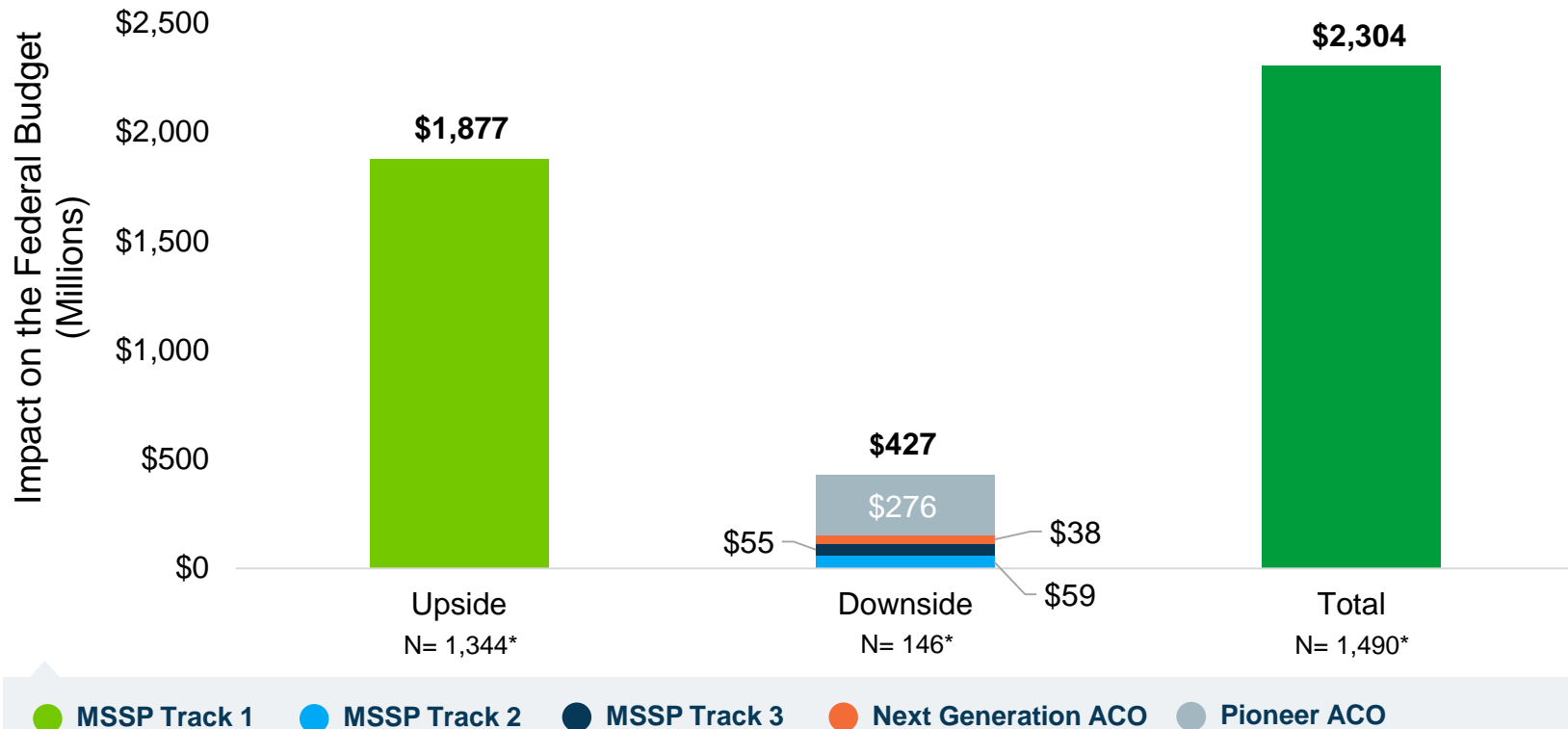




ACO Spotlight: Upside-Risk Performance Versus Downside-Risk Performance

Upside-Risk Versus Downside-Risk: ACO Participant Earned Savings

Upside-Risk Versus Downside-Risk ACOs: Total Participant Earned Savings (Millions), PY 2012 – PY 2016



*N value is calculated as number of performance years rather than as total number of ACOs

Note: Totals may not be exact figures as they are subject to rounding.

Note: A positive value indicates a negative impact on the federal budget and a negative value indicates a positive impact on the federal budget.

APM: Alternative Payment Model; MSSP: Medicare Shared Savings Program; ACO: Accountable Care Organization

Sources: 1. CMS. Pioneer ACO PY 1-5 Financial and Quality Results. Oct. 2017. Available at: <https://innovation.cms.gov/initiatives/Pioneer-aco-model/>;

2. CMS. Next Generation ACO Model Financial and Quality Results Performance Year 1. 2016. Available at: <https://innovation.cms.gov/initiatives/Next-Generation-ACO-Model/>;

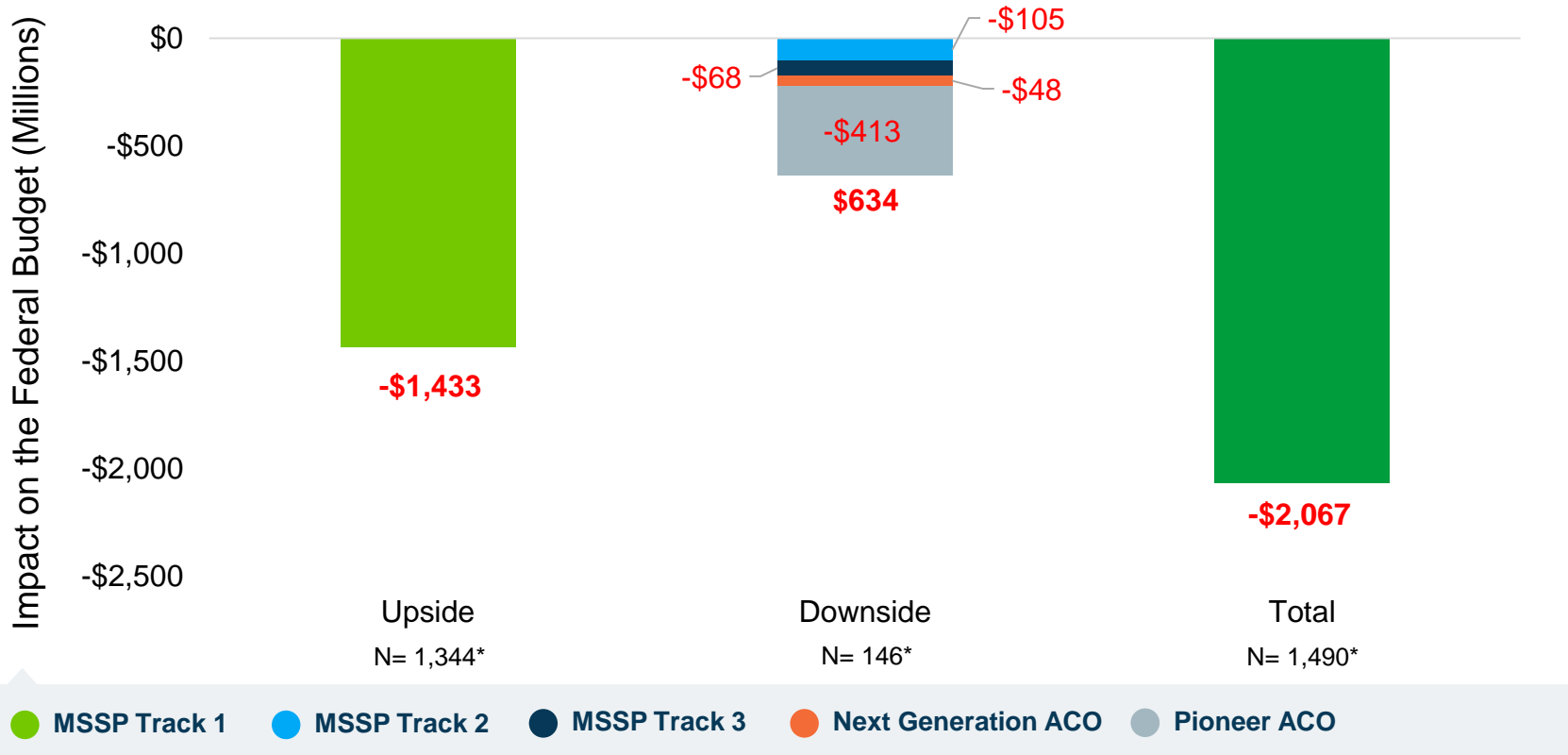
3. CMS. ACO Participation and Performance Data. 2016. Available at: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/sharesavingsprogram/program-data.html>.

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Upside-Risk Versus Downside-Risk: ACO Program Savings

Upside-Risk Versus Downside-Risk ACOs: Total Program Savings (Millions), PY 2012 – PY 2016



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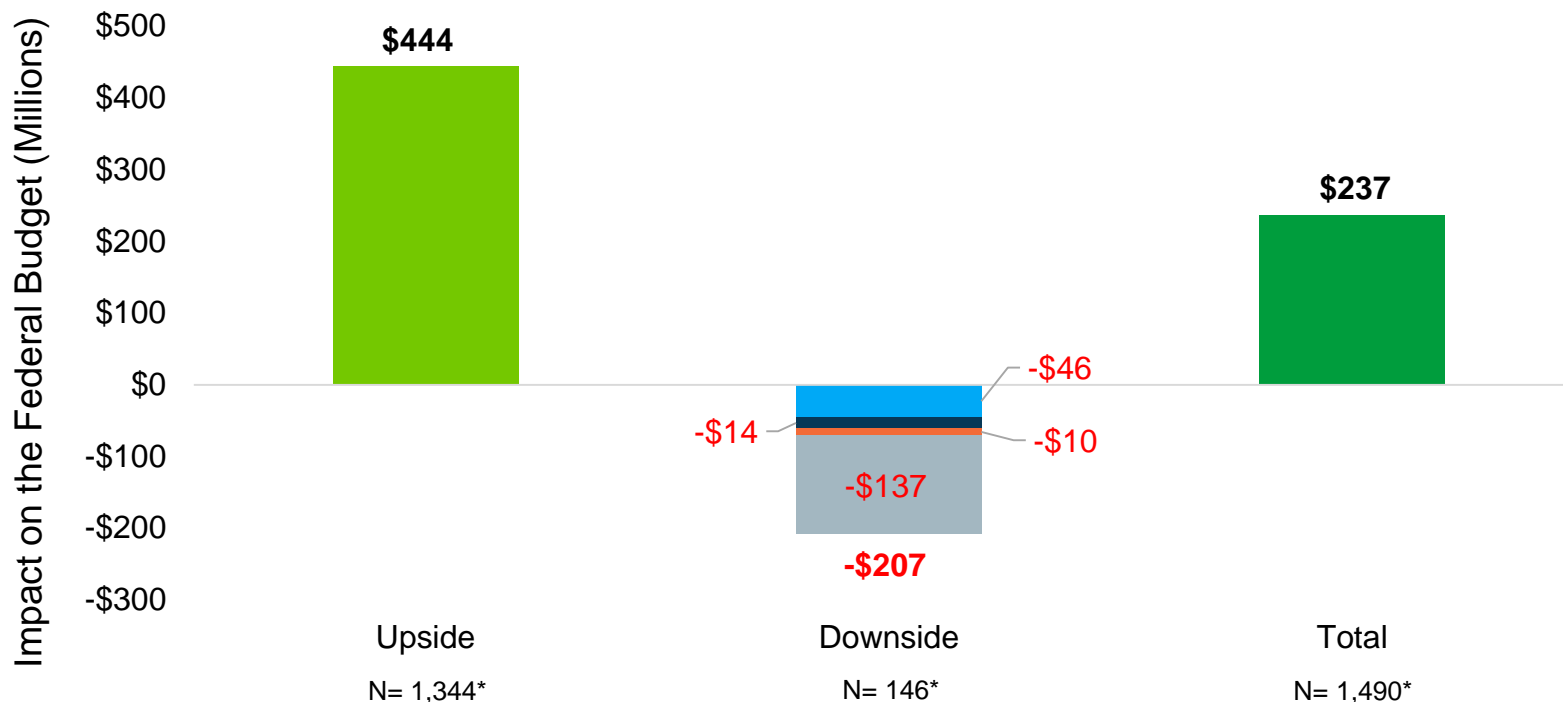
3. CMS. ACO Participation and Performance Data. 2016. Available at: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/sharesavingsprogram/program-data.html>.

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Upside-Risk Versus Downside-Risk: ACO Actual Spending Impact

Upside-Risk Versus Downside-Risk ACOs: Actual Spending Impact (Millions), PY 2012 – PY 2016



● MSSP Track 1
 ● MSSP Track 2
 ● MSSP Track 3
 ● Next Generation ACO
 ● Pioneer ACO

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