CMS End Stage Renal Disease Prospective (Bundled) Payment

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THIRD NATIONAL BUNDLED PAYMENT SUMMIT
June 10-11, 2013



CKD 5

- GFR < 15 mL/min per 1.73 m²
- · 0.23% of US population
- 600,000

CKD 4

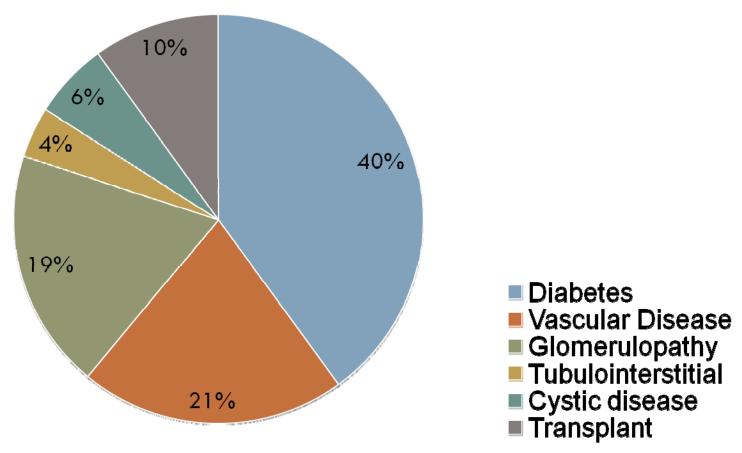
- GFR 15-29 mL/min per 1.73 m²
- 0.35% of US population
- 1 Million

CKD 3

- GFR 30-59 mL/min per 1.73 m²
- 7.7% of US population
- 23 Million

Coresh J et al: Am J Kidney Dis 2003 Jan;41(1):1-12

Cause of ESRD

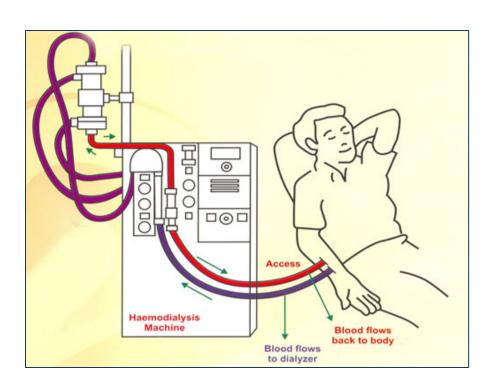


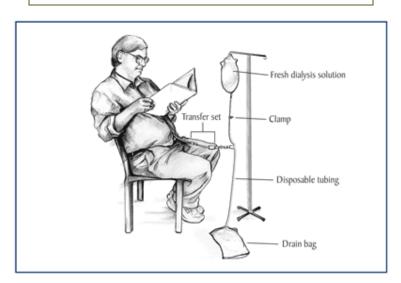
USRDS 2008 ADR

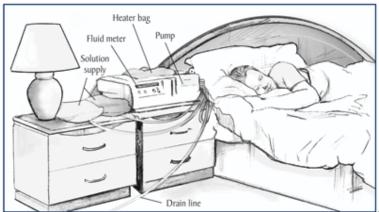
Hemodialysis and Peritoneal Dialysis

HD

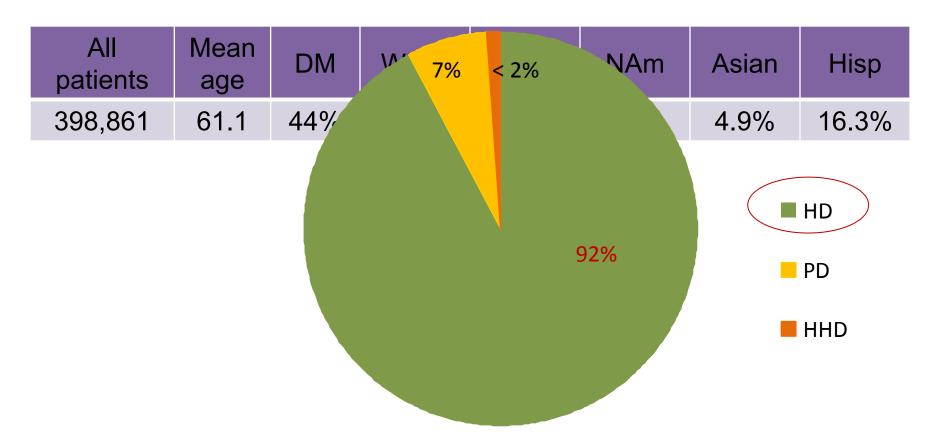








Number of ESRD patients in the US Dialysis Modality Distribution 2009

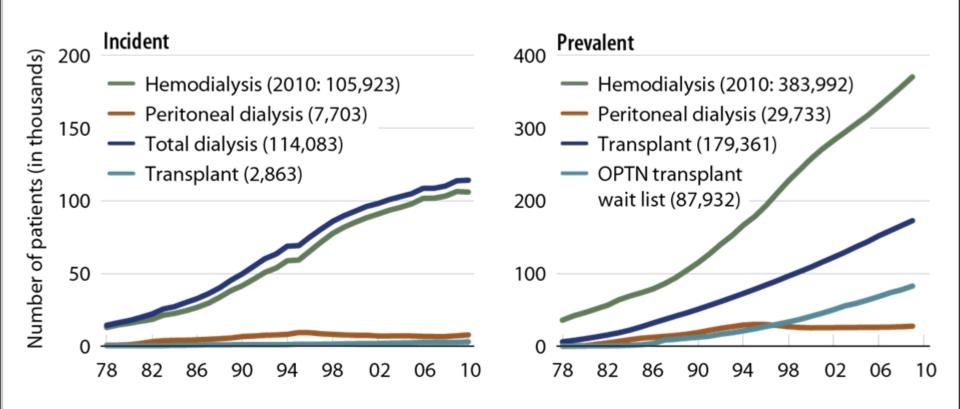


The rate of prevalent ESRD cases reached 1,738 PMP An increase of 2.1 percent from 2008

USRDS 2011ADR

Incident & prevalent patient counts by modality

Figure 1.1 (Volume 2)

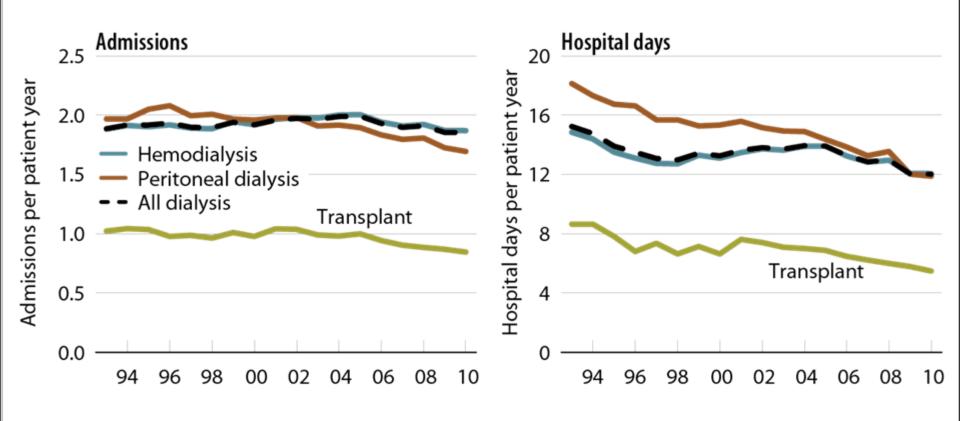


Incident & December 31 point prevalent patients.

USRDS ADR 2012

Adjusted hospital admission rates & days by modality

Figure 3.2 (Volume 2)



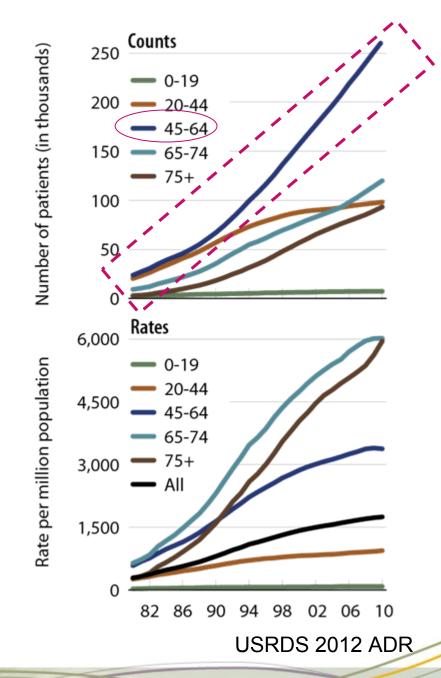
Period prevalent ESRD patients. Adj: age/gender/race/primary diagnosis; ref: ESRD patients, 2005.

USRDS 2012 ADR

Prevalent counts of ESRD, by age

Figure 1.12 (Volume 2)

ESRD population growth is caused by the 45-64 year old "Baby Boomers"



December 31 point prevalent ESRD patients. Adj: gender/race; ref: 2005 ESRD patients.

Dialysis Bundle Payment

Fixed Payment (1983)

Bundled:

- Dialysis procedure labor and supplies for both HD/PD
- ESRD composite rate tests including renal and hepatic function tests, CBC, clotting time

Not bundled:

- IV medication given on dialysis – ESA, iron, Vit D, antibiotics
- Other lab tests PTH, iron monitoring, tests for comorbid conditions, cultures

Bundle (2011)

All bundled:

- Dialysis procedure labor and supplies
- All labs 53 total all ESRD related, cultures
- All IV drugs ESA, VitD, iron, carnitine, antibiotics
- PO medications with IV equivalent
 - Sensipar and Phosphate binders will be included in 2016

ESRD PPS Final Rule – 186 pages



Thursday, August 12, 2010

Part II

Department of Health and Human Services

Centers for Medicare & Medicaid Services

42 CFR Parts 410, 413 and 414 Medicare Program; End-Stage Renal Disease Prospective Payment System; Final Rule and Proposed Rule

Medicare New Bundled Dialysis PPS

- Payment per treatment
 - \$229.63 in 2011 ↑ \$234.81 in 2012 ↑ \$240.88 in 2013
- Adjusters
 - Low volume adjustment: 1.202
 - < 4000 treatments x 3 years
 - Starting dialysis first 120 days: 1.51
 - Co-morbid conditions
 - Acute: *current month* + 3 *months*
 - Pericarditis: 1.114
 - Bacterial pneumonia: 1.135
 - GI bleed with hemorrhage: 1.183
 - Chronic: added on the current month until death or Tx
 - Hereditary hemolytic or sickle cell anemia: 1.072
 - Myelodysplastic syndrome: 1.099
 - Monoclonal gammopathy: 1.024

The ESRD QIP is the *first* Medicare program which is linking payments to performance based upon SPECIFIC quality measures

Measure	2012	2013	2014
Performance Year	2010	2011	2012
Hb > 12g/dL	X	X	X
URR ≥ 65%	X	X	X
Hb < 10g/dL	X		
Other measures			Catheter > 90 days Fistula NHSN ICAHPS Ca/Phos

2015 QIP

- Clinical Measures
- Dialysis Adequacy: Kt/V HD or PD
- Anemia: Hb > 12g/dL
- Vascular Access Type: (CVC > 90 days & AVF,







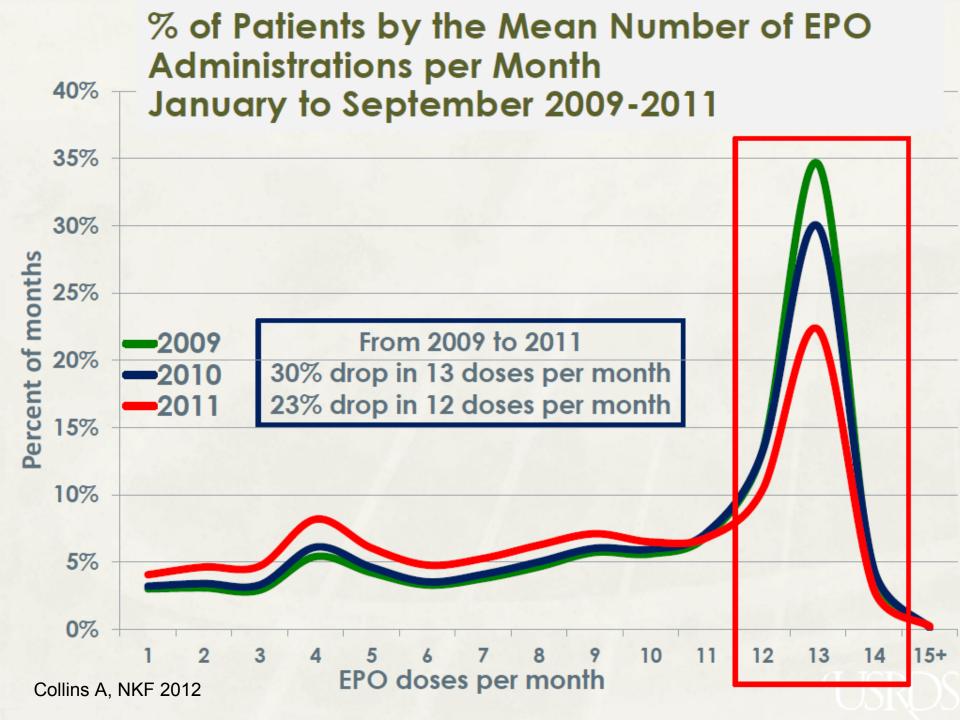
- Reporting Measures
- Dialysis Infections: NHSN
- Patient Experience: ICAHPS
- Mineral Metabolism: Ca/Phos
- Anemia Management: ESA dose/Hb

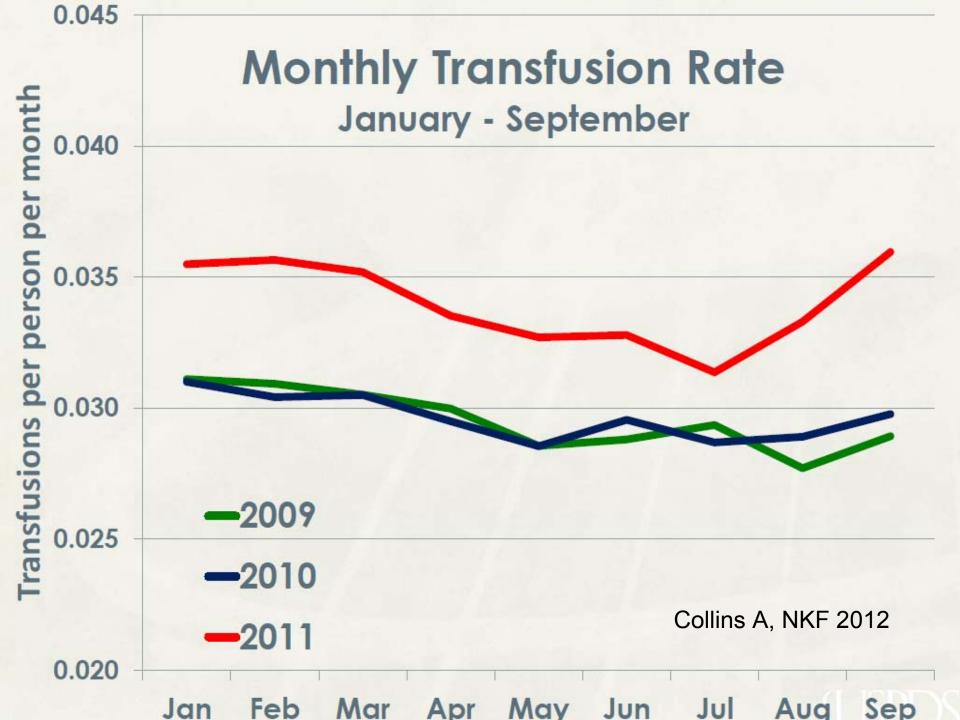




CCIPS Surveys and Tools to Advance Patient-Centered Care

1	Using any number from 0 to 10, where 0 is the worst kidney doctors possible and 10 is the best kidney doctors possible, what number would you use to rate the kidney	21. In the last 3 months, how often did dialysis center staff insert your needles with as little pain as possible? 1 Never
	doctors you have now?	² Sometimes Staff ratings
	0 Worst kidney doctors possible 1 2 3	Usually Always I insert my own needles
	□ 4 □ 5 Physician ratings	34. In the last 3 months, how often was the dialysis center as clean as it could be?
	☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 Best kidney doctors possible	¹ ☐ Never ² ☐ Sometimes ³ ☐ Usually Facility ratings ⁴ ☐ Always

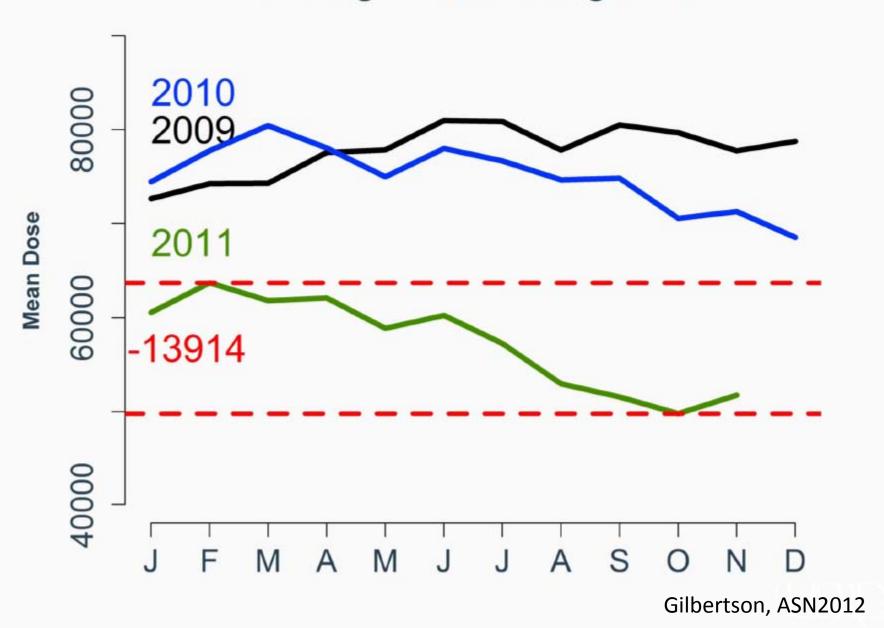


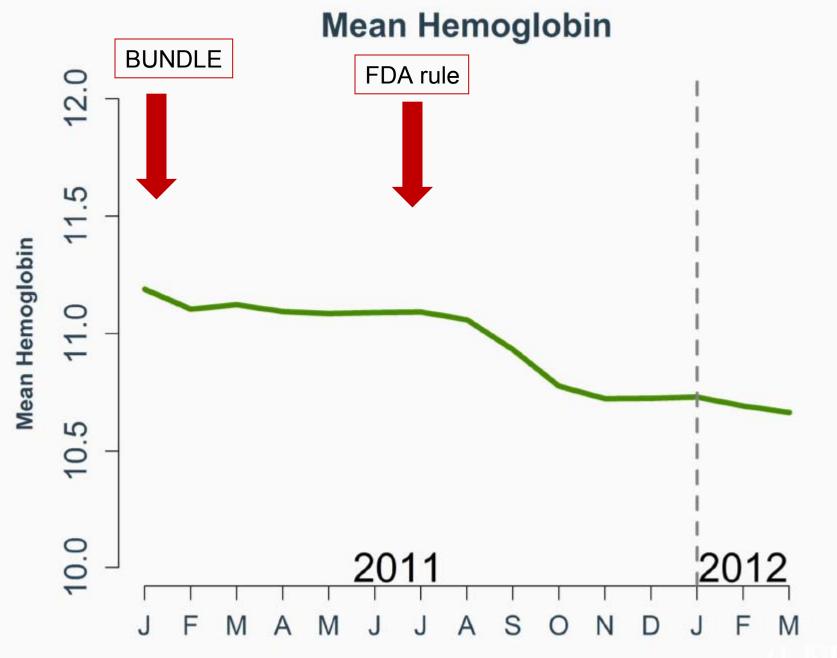


Transfusion Rate per 100 Pt Months



Mean Monthly EPO Dose Among Pts Receiving EPO





Gilbertson, ASN2012

All-cause hospital admission rates



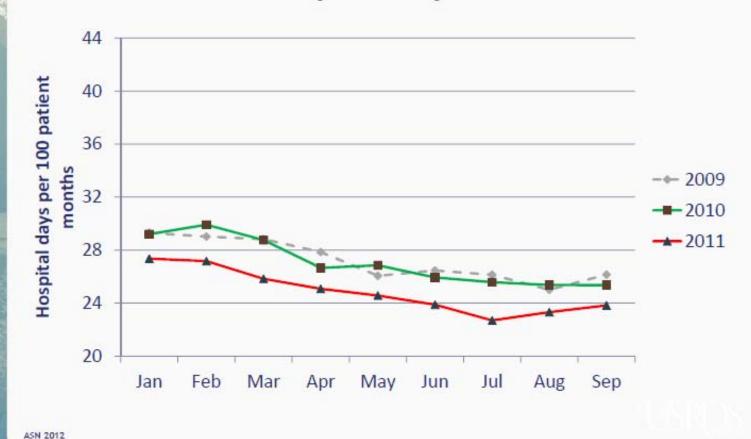
CV hospital admission rates



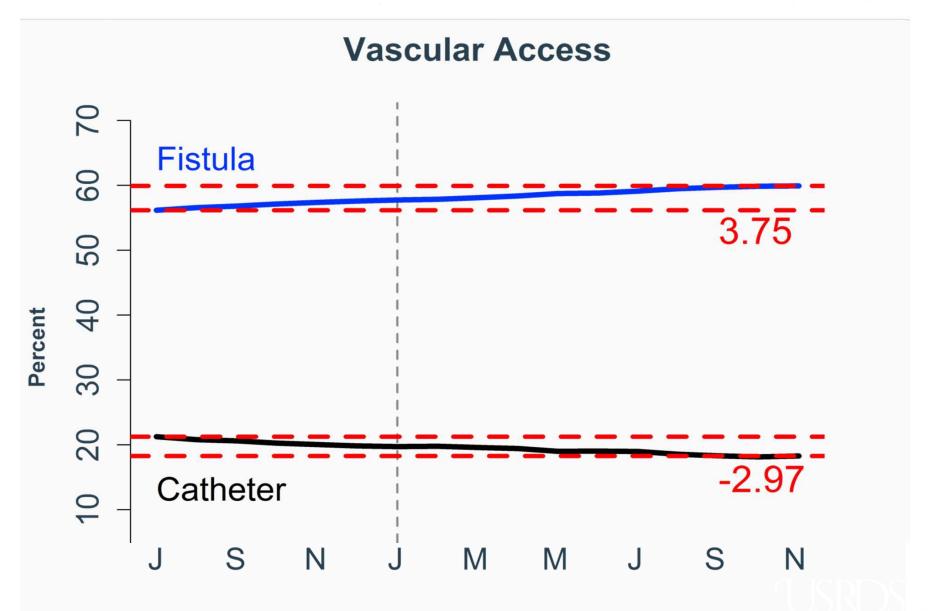
USRDS 2012 ADR

Foley, ASN 2012

Cardiovascular hospital day rates



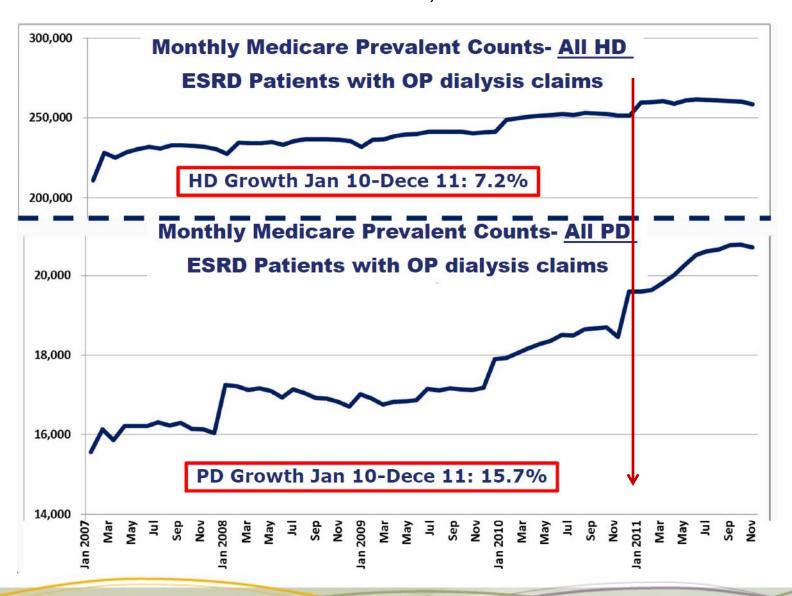
Foley, ASN 2012



Gilbertson, ASN 2012

ZOTO GALCIINE FREAMLIGATE, ITIC.

USRDS: Impact of the Bundled Payment System; ADR Highlights Allan J. Collins, ASN 2012



ESRD Bundle

- Changes noted
 - Utilization of Epo decreased
 - Transfusion rate increased
 - CV hospitalizations/admission and days decreased
 - Dialysis Access Fistulas ↑ and catheters ↓ slightly
 - Home Dialysis increasing
 - QIP
 - >70% of centers under bundle without penalty
- Questions remaining:
- Metrics impacting both outcome and costs difficult to define
- Ultimate test will be QIP among all stakeholders with risk sharing