

California Children's Services (CCS) Redesign

Data Technical Workgroup (TWG)

Meeting #3

Friday, May 8, 2015

12-2pm

Webinar Agenda

1. Welcome, Introductions, and Roll-call – Michaela Ferrari (UCLA)
2. Update on Aligning the CCS Redesign and Title V Efforts – Anastasia Dodson (DHCS)
3. Update on progress of Outcome Measures/Quality TWG – Michaela Ferrari
4. Overview of current data resources – Lisa Chamberlain, MD (Stanford CPOP) & Brian Kentera (DHCS)
5. Review of Data Requests received, prioritization/evaluation criteria, and status of requests – Lee Sanders, MD (Stanford CPOP) & Brian Kentera
6. Presentation of preliminary findings from Data Requests – Lee Sanders, MD & Brian Kentera
7. Feedback and revisions – Lisa Chamberlain, MD & Lee Sanders, MD
8. Wrap-up and next steps – Dylan Roby

Data TWG Members

Co-chairs: Brian Kentera (DHCS), Dylan Roby (UCLA CHPR) Lee Sanders, MD, (Stanford Center for Policy Outcomes and Prevention (CPOP))

Members: Anand Chabra, MD (San Mateo CCS), Lisa Chamberlain, MD (Stanford CPOP); Athena Chapman (California Association of Health Plans); Thomas Klitzner, MD (Mattel Children's Hospital at UCLA); Ann Kuhns (California Children's Hospital Association); Chris Perrone (California HealthCare Foundation); Anthony Rose (Orange County CCS); Ed Schor, MD (Lucile Packard Foundation for Children's Health)

Aligning the CCS Redesign with the Title V Needs Assessment

Anastasia Dodson, DHCS

Department of
Health Care Services



Title V and CCS Redesign

- Title V requires outcomes that overlap with CCS
 - Will include those in the CCS Redesign measures, and add to them as appropriate.
 - We should work to ensure that both programs' data are reported.
- Title V represents a broader population than CCS
 - We do not expect the two programs' outcomes to conflict, but CCS's may be more specific than Title V.
- DHCS is reviewing the Title V Action Plan for alignment purposes

Update on Progress of the Outcome Measures/Quality TWG

Michaela Ferrari UCLA

Department of
Health Care Services



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Policy Outcomes & Prevention

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Outcome Measures/Quality TWG Update

- TWG members requested more of a framework in which to ground measures:
 - **6 CCS Redesign Goals:** Implementing a patient- and family-centered approach; improving care coordination; maintaining quality; streamlining care delivery; building on lessons learned; and being cost effective
- TWG tasked with analyzing existing care coordination measures, how they meet CCS program needs and goals, and how to add to and adapt them:
 - Care Coordination Measures Feedback Form



Overview of Current Data Sources

Lisa Chamberlain, MD (Stanford CPOP)

&

Brian Kentera, MD (DHCS)

CCS Data – A “Refresher Course”

- State-owned CCS Data includes:
 - **Claims:** Standard 35C paid FFS claims and managed care encounters
 - **Eligibility:** Medi-Cal Eligibility Data System (MEDS), which includes CCS indicator; Children’s Medical Services Network (CMS Net) for all CCS enrollees
 - **Authorization:** CCS Authorization Service Authorization Request (SAR)
 - **Provider:** Provider Master File (PMF) for CCS paneled providers, approved facilities, and Special Care Centers (SCC)

For more information: <http://healthpolicy.ucla.edu/programs/health-economics/projects/ccs/Pages/Data-Workgroup.aspx>

Data Sources for At-Risk Newborns in CA

- CCS (Medi-Cal) Paid Claims – only CCS enrolled infants, 2010 to 2014
- Office of Statewide Health Planning and Development (OSHPD) – all infants born in California, 1981 to 2012
- California Perinatal Quality Care Collaborative (CPQCC) – all infants hospitalized at CPQCC NICUs, 2005 to 2013



Findings from CCS Administrative Data

CCS RSAB Data TWG

May 5, 2015

Lee M. Sanders, MD, MPH, Stanford CPOP

Brian Kentera, Chief CMS Network Branch, DHCS

Overview

1. Data Requests from the CCS RSAB
2. New Policy Briefs from Stanford CPOP

Methods: Design

Retrospective, population-based analysis of all paid claims for the CCS Program (FY12), abstracted from the state's Management Information System / Decision Support System

Use of care: Total capture

Spend: Total capture of CCS-related spend

Partial capture of non-CCS-related costs (FFS)

Methods: Definitions

Enrollment (FY12): "CCS enrollee" is any child enrolled in California Children's Services from 7/1/2001 to 6/30/2012. Data pulled January 2013. <http://www.dhcs.ca.gov/services/ccs>.

Regions: 5 geographic regions, as defined by California Department of Social Services, and as designated by child's primary residence in CCS enrollment file.

Counties: All California counties labeled by number. Data for county excluded if cell size < 25 children.

Types of Care: Broad categories based on claim type: Inpatient, Residential Facility, MD visit, Pharmacy, DME, Home Health, ED visit, Dental, Other Outpatient.

Data Requests from CCS RSAB

1. Denied claims, by diagnostic type
2. Enrollment period per child (days), by diagnosis and county
3. NICU use of care, by diagnosis, severity, region
4. Outpatient use of care, by type and by site
5. Number of enrollees and spend, by type of care
6. Paid claims to non-CCS providers

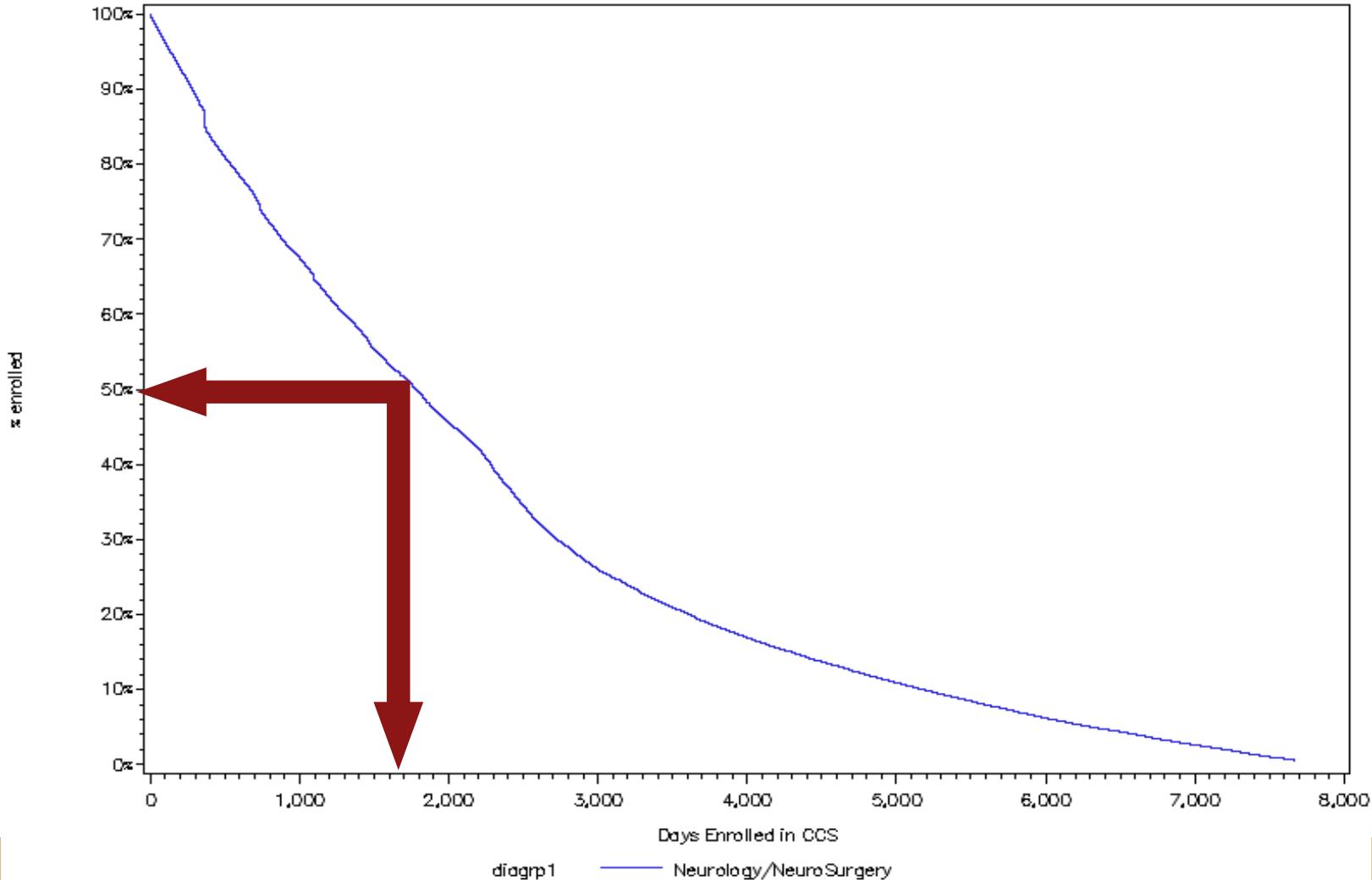
Data Requests from CCS RSAB (2-Rater Review)

1. Denied claims, by diagnostic type (Feasible 1/4, Capacity 1/4, Importance 2/4)
2. **Enrollment period per child (days), by diagnosis and county**
(Feasible 3/4, Capacity 2.5/4, Importance 3.5/4)
3. NICU use of care, by diagnosis, severity, region
(Feasible 1.5/4, Capacity 1.5/4, Importance 3/4)
4. Outpatient use of care, by type and by site
(Feasible 2.5/4, Capacity 3.5/4, Importance 3.5/4)
5. **Spend per claim, by type of care and by county**
(Feasible 3/4, Capacity 3/4, Importance 3/4)
6. Paid claims to non-CCS vs. CCS providers
(Feasible 2/4, Capacity 3/4, Importance 2.5/4)



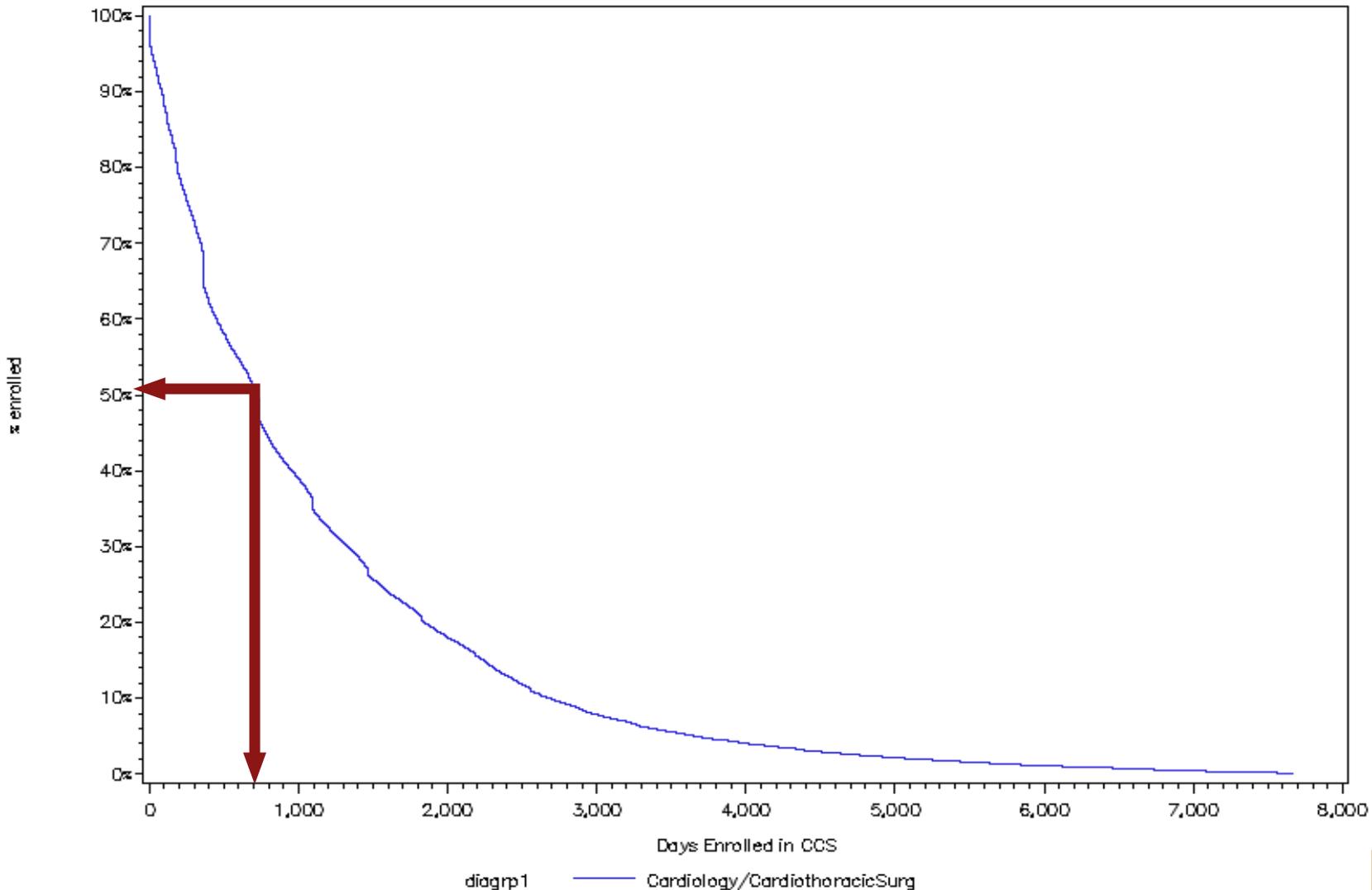
Data Request #2: Enrollment period, by diagnostic category

Neurology: Days Enrolled in CCS



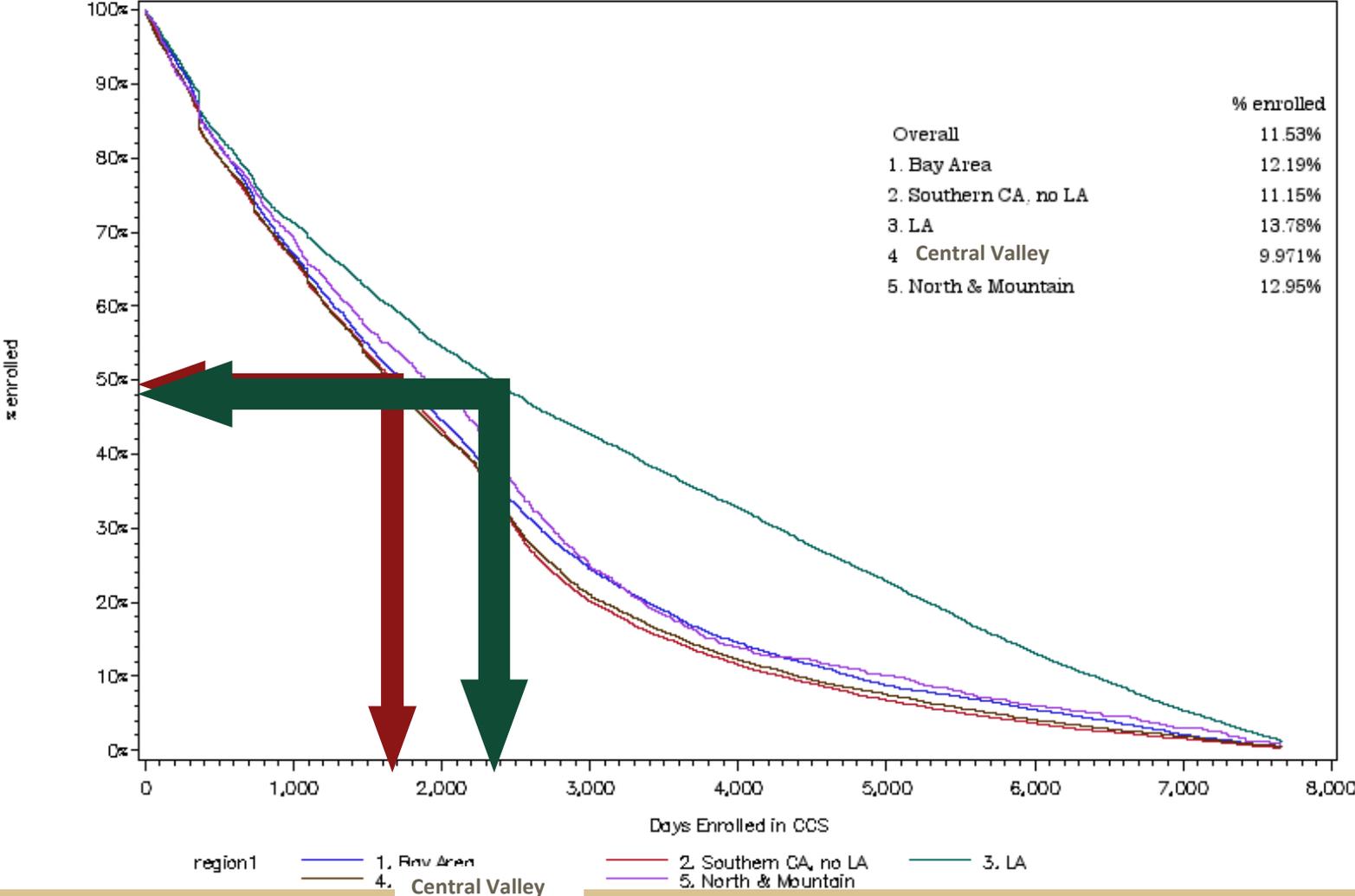
Data Request #2: Enrollment period, by Diagnostic Category

Cardiology: Days Enrolled in CCS



Data Request #2: Enrollment period, by Region

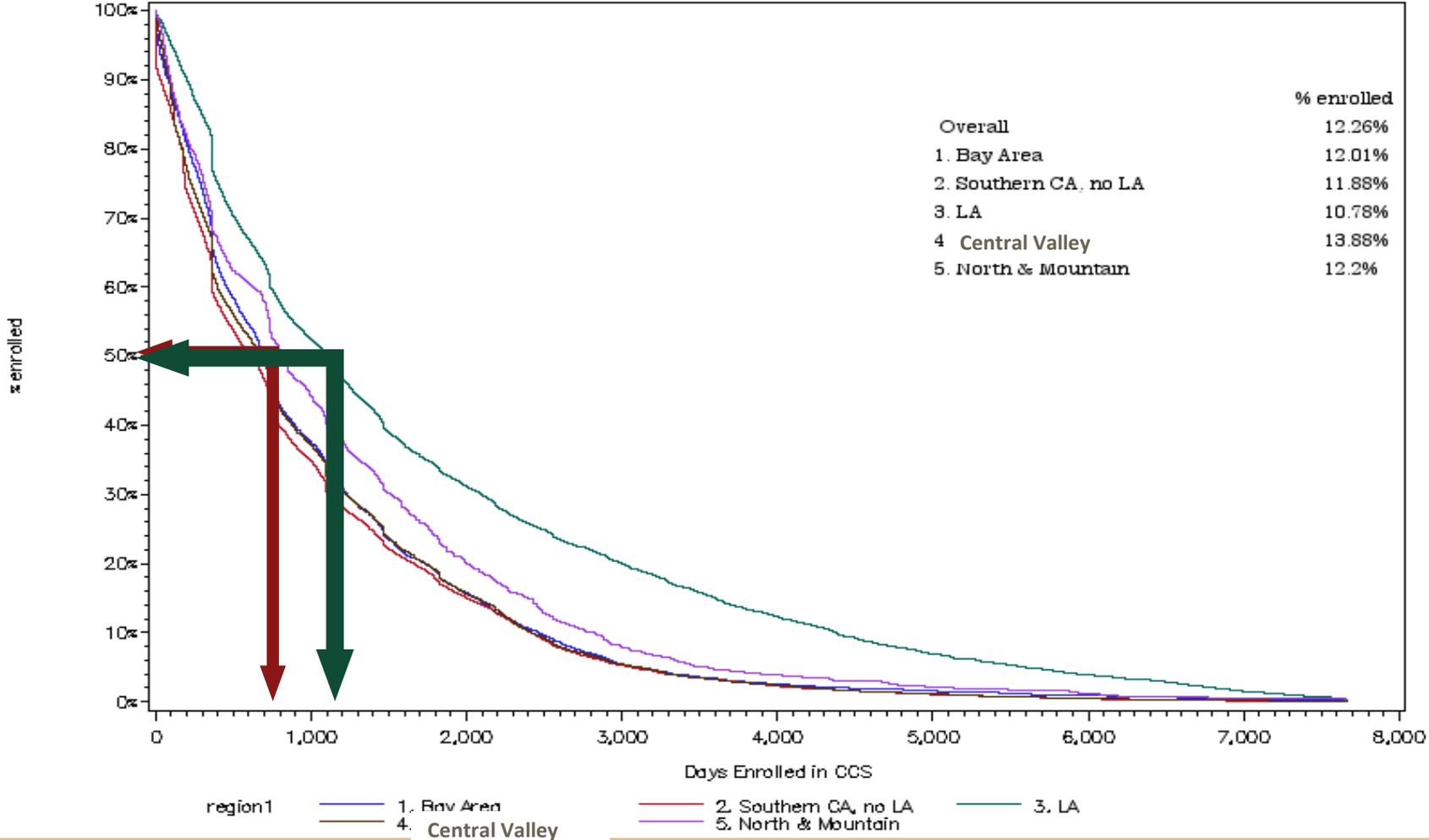
Neurology: Days Enrolled in CCS, by Region



Data Request #2:

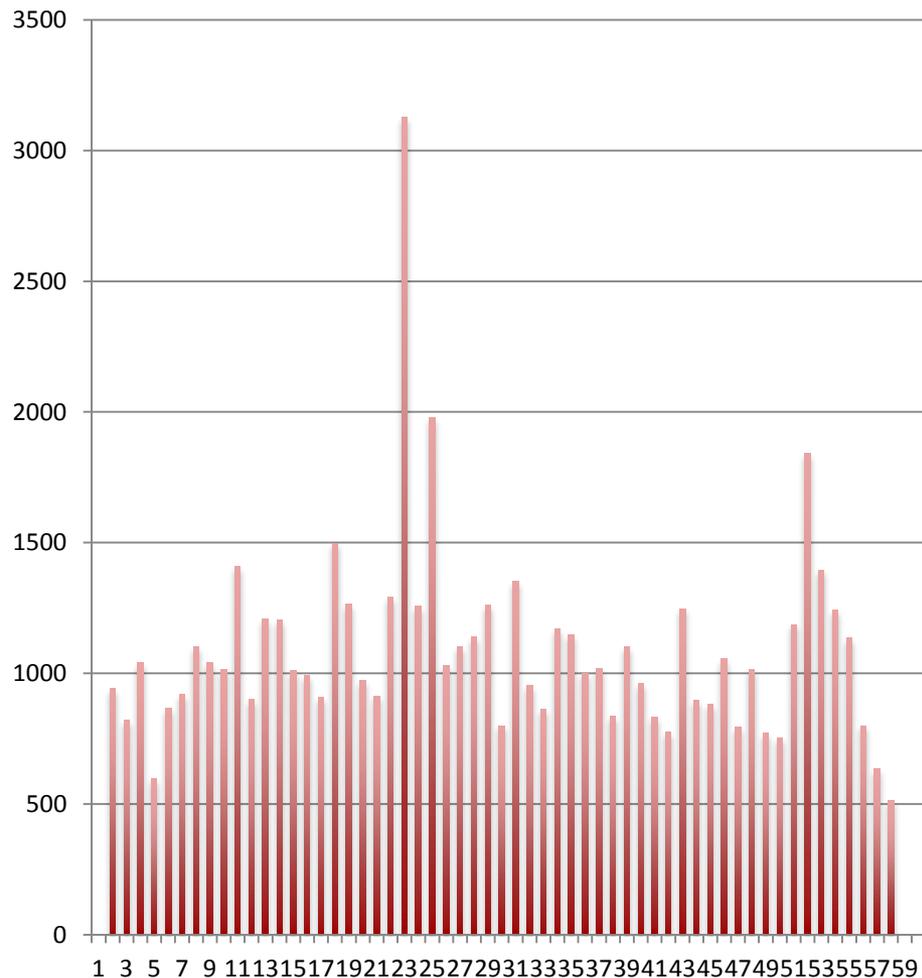
Enrollment period, by Region

Cardiology: Days Enrolled in CCS, by Region

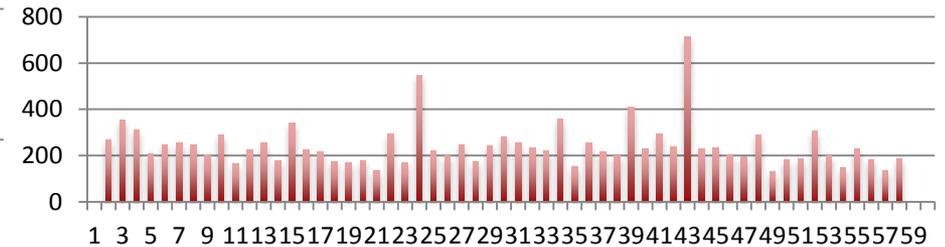


Data Request #5: Spend per Claim Type, by County

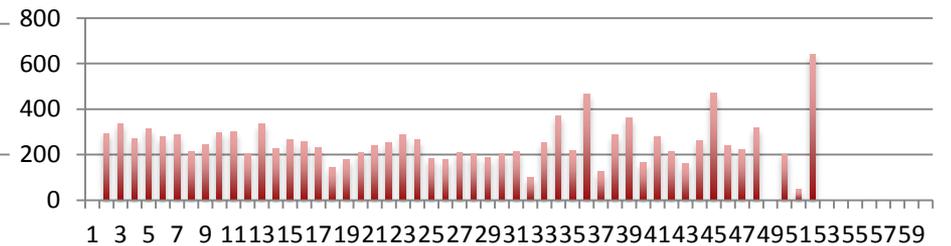
Inpatient Spend per Claim (Mean \$), by County



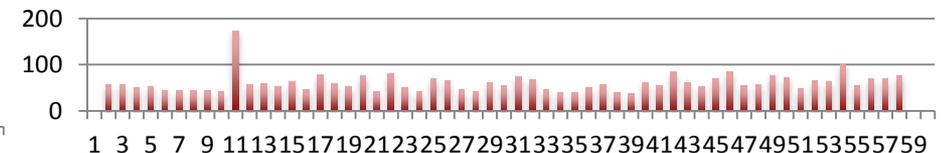
Outpatient Pharmacy Spend per Claim (Mean \$), by County



Home Health Spend per Claim (Mean \$), by County

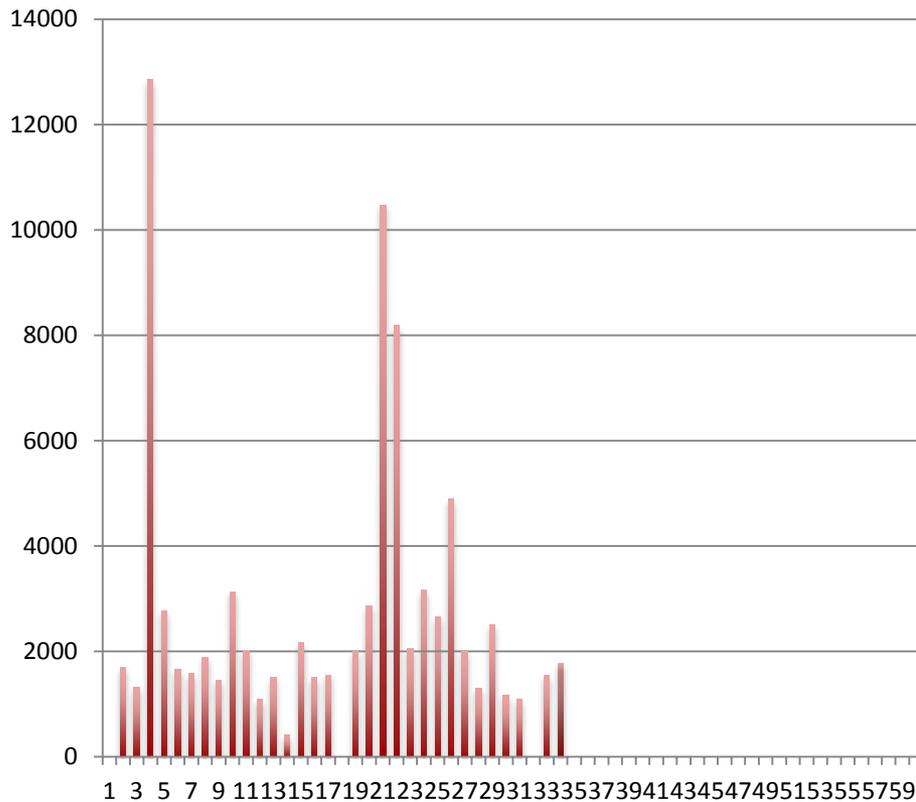


Outpatient-MD Visit Spend per Claim (Mean \$), by County

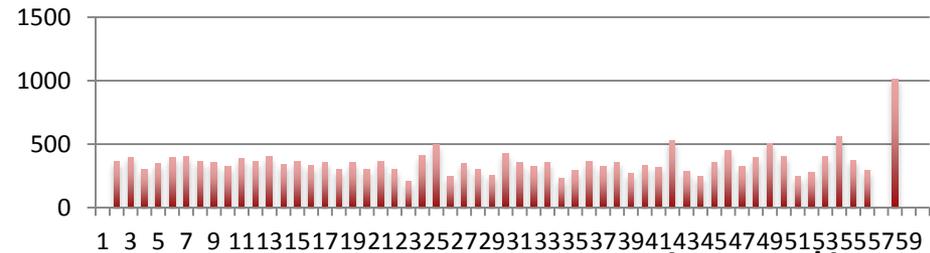


Data Request #5: Spend per Claim Type, by County

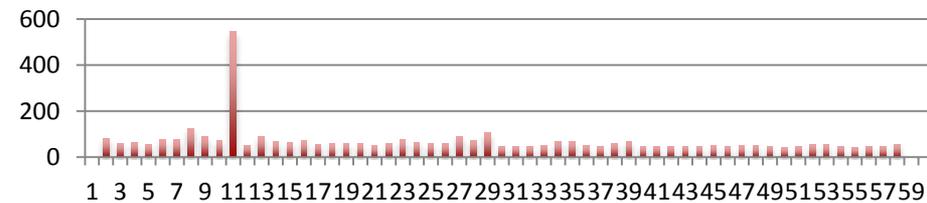
**Long Term Care Spend per Claim
(Mean \$), by County**



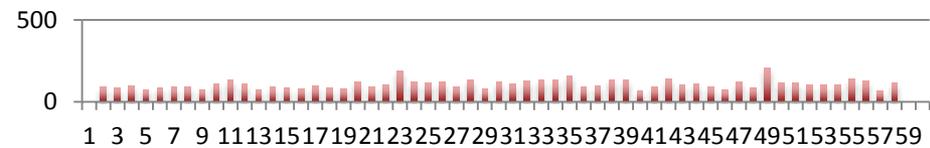
**DME Spend per Claim
(Mean \$), by County**



**ED visits Spend per Claim (Mean \$),
by County**



**"Other Outpatient" Spend per Claim
(Mean \$), by County**



Data Request #3:

NICU Use of Care – Analytic Plan

By Region, By Hospital, Over Time

Characteristics of CCS infants enrolled during NICU stay

Length of Stay

Level of NICU (at discharge)

CCS eligibility category (diagnosis v. resource use)

Clinical Severity

Birthweight category

Comorbid conditions (IVH, ROP, CLD, NEC, surgery)

Data Request #4 and #5:

Outpatient Sites and Types of Care

By Diagnostic Category, By Region, Over Time

Outpatient Sites of Care

Hospital-based vs. Free-standing

Outpatient Types of Care

MD Visit (Primary, Subspecialty, Surgical, Other)

Diagnostics (Lab, Radiology, Audiology, Other)

Therapies (PT/ OT, Mental Health, RN only, Other)

Procedures

Care Coordination

+ > 6 Other Types and Sub-types

CCS RSAB Data Requests

No new Data Requests

Questions / Recommendations ?

2013 – 2014 CPOP Health Policy Facts (Prior)

- Vol 1 (2013), Issue 1: Cost Distribution for Children Enrolled in CCS
- Vol 1 (2013), Issue 2: CCS Enrollee Costs for “High Cost” Children, Over Time
- Vol 1 (2013), Issue 3: CCS Enrollee Care Use Type Varies by Diagnosis
- Vol 1 (2013), Issue 4: CCS Enrollee Care Use Type Varies with Age
- Vol 1 (2014), Issue 6: CCS Enrollee Inpatient Spend, by Site of Care
- Vol 1 (2014), Issue 7: CCS Outpatient Care after Hospitalization
- Vol 1 (2014), Issue 8: CCS Outpatient Care before Hospitalization
- Vol 1 (2014), Issue 9: Variation in Specialty-Care Hospitalization for Chronic conditions (all children, OSHPD)
- Vol 1 (2014), Issue 11: Public vs. Private Payors for Specialty- Care Hospitalization for Chronic Conditions (all children, OSHPD)

<https://cpopstanford.wordpress.com/reports-and-policy-briefs/>

2015 CPOP Health Policy Facts (NEW)*

- Vol 2 (2015), Issue 1-2: Annual CCS Spend, by Region
- Vol 2 (2015), Issue 3: CCS Enrollment, by Diagnosis and Over Time
- Vol 2 (2015), Issue 5: CCS Enrollee Inpatient Spend and Use, by Hospital

*Each accompanied by Full Tabular data at
<https://cpopstanford.wordpress.com/reports-and-policy-briefs/>

Policy Facts, 2015, Issue 1-2: Annual Spend by Region

Figure 1: Proportionate Share of Costs, By Region (All Children)

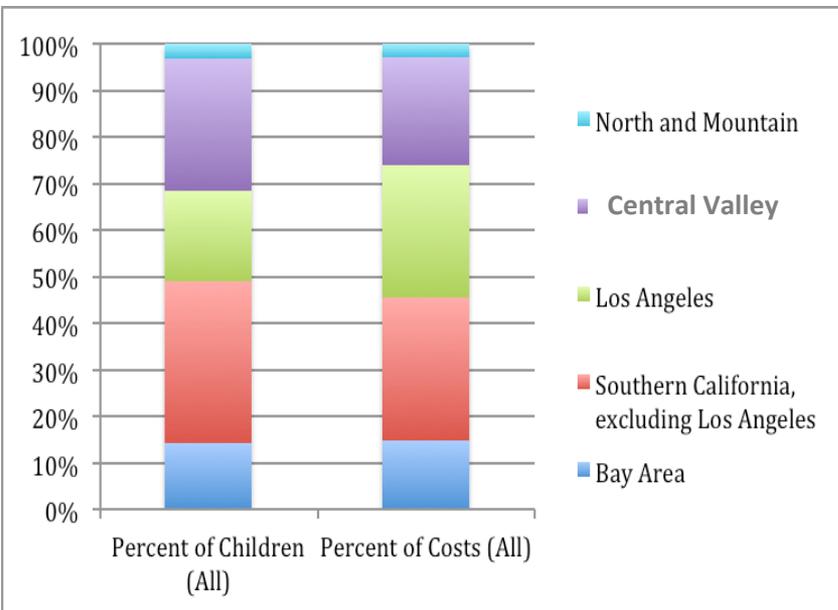
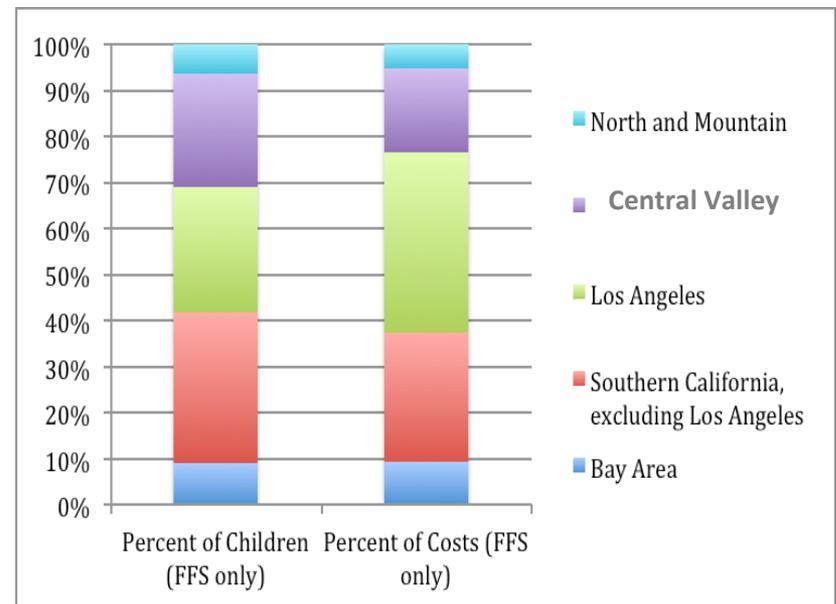


Figure 2: Proportionate Share of Costs, By Region (FFS Only)



Policy Facts, 2015, Issue 3:

Number of Children Enrolled

Figure 1: Number Enrolled, By Diagnostic Category

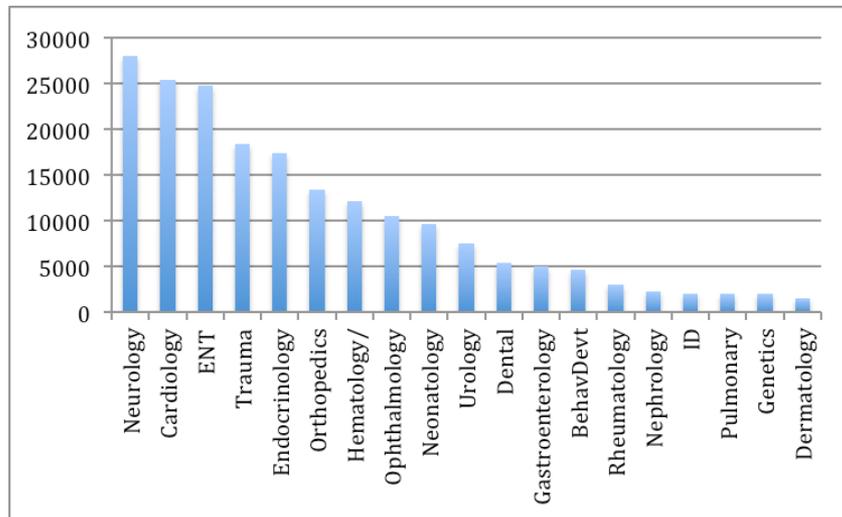
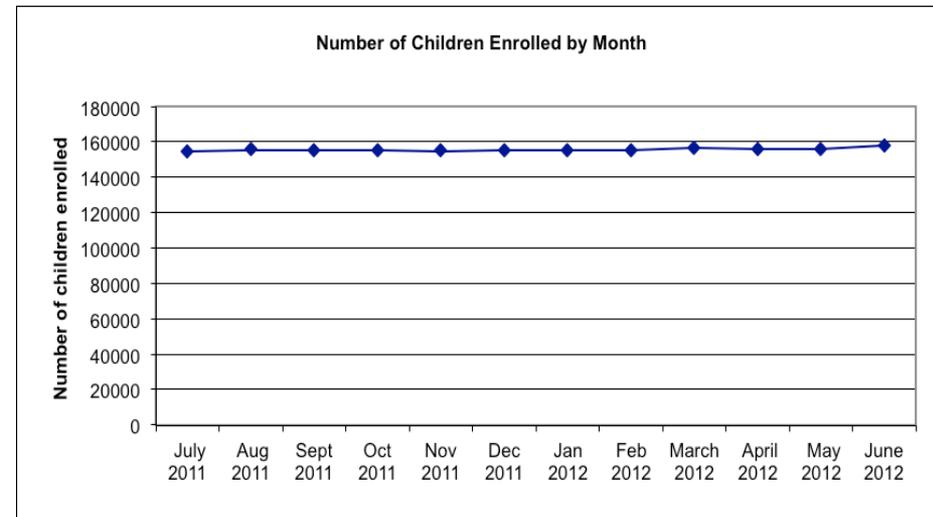


Figure 2: Number Enrolled, Over Time (Month-to-Month)



Policy Facts, 2015, Issue 5: Hospital Spend, by Hospital*

Figure 1: Mean Total Spend for all children, By Hospital

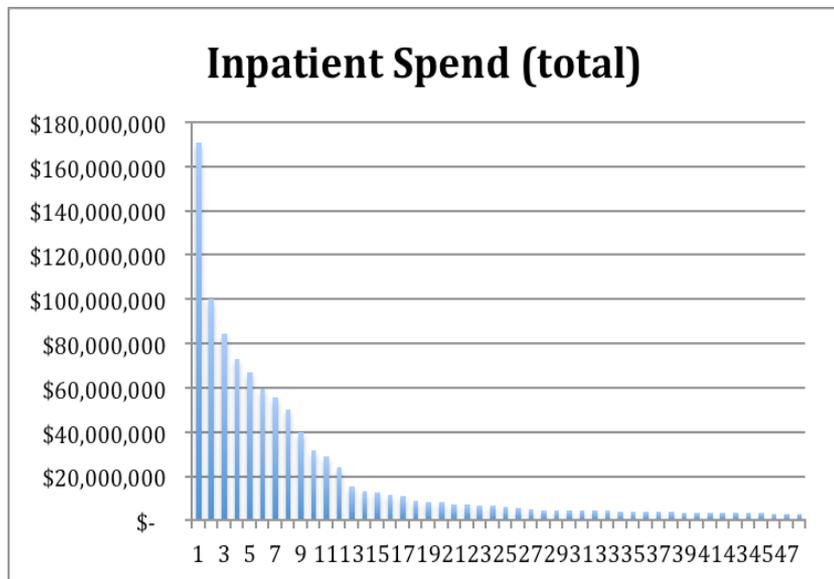
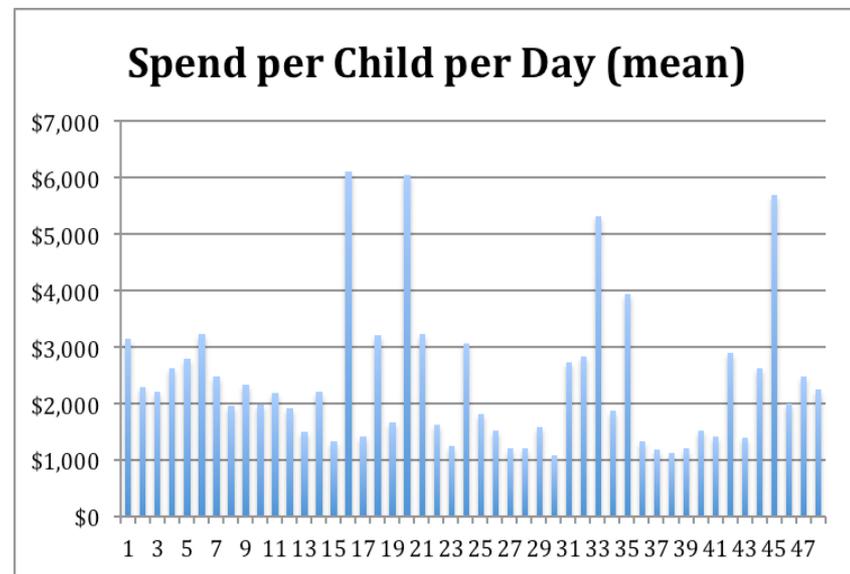


Figure 2: Mean Daily Spend per Child, By Hospital

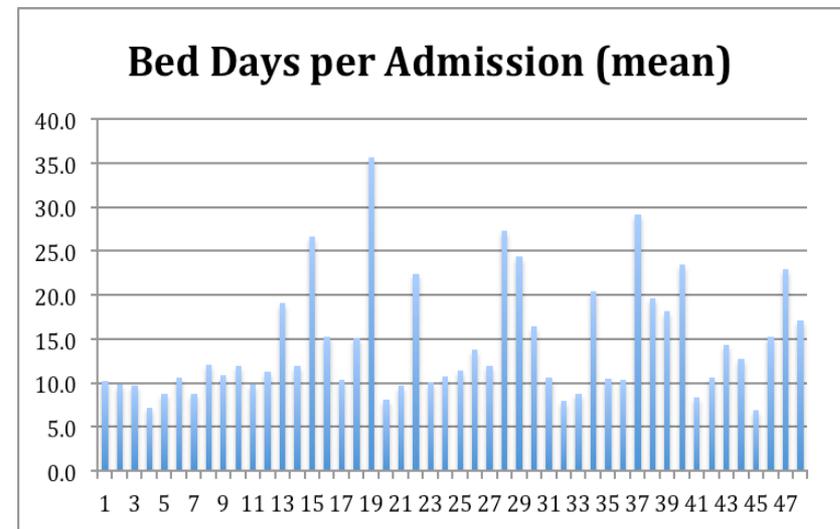
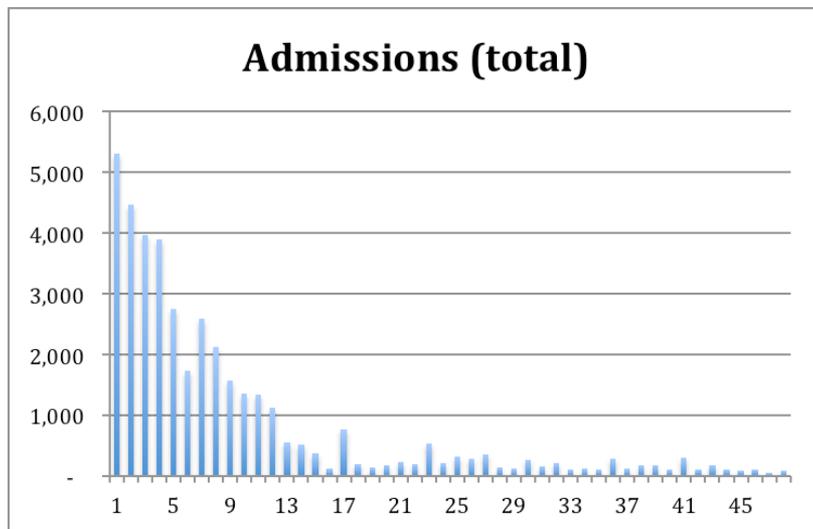


***Top 50 hospitals, by spend**

Policy Facts, 2015, Issue 5:

Hospital Length of Stay, by Hospital

Figure 2: Total Admissions and Mean Length of Stay, by Hospital



Summary of Interim Findings

- CCS enrollment period differs by diagnosis and region
- CCS annual spend per child varies by region
- CCS spend-per-claim varies by county
- CCS spend per hospital day varies by hospital
 - Use of care (mean LOS) varies by hospital

Feedback and Revisions

Lee Sanders, MD (Stanford CPOP)

&

Lisa Chamberlain, MD (Stanford CPOP)

Wrap-up and Next Steps

- Survey of CCS county administrators or select providers to understand current data collection and internal data sources?

- Submit Additional Data Requests to Michaela: michferrari@ucla.edu

Thank you!