

Overview of Information Provided Based on Public Request from National Center for Youth Law and Senators Beall and Mitchell

Linette Scott, MD, MPH
Chief Medical Information Officer
Department of Health Care Services

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Request Received

- ▶ Request from National Center for Youth Law was received November, 2014 after two meetings in September and October to discuss the various potential measures
- ▶ Request was received outside of the Quality Improvement Project
- ▶ Almost identical request was received from Senators Beall and Mitchell November, 2014
- ▶ All data shown in this presentation is for **State Fiscal Year 2012–2013**

Definitions

Requested

- ▶ Foster Care defined as:
 - Using aid codes for any child who has been in foster care at any point in time in the year
40,42,43,45,49,4H, 4L, 4N,4P, 4R
- ▶ Eligibility defined as:
 - ≥ 30 days in the CWS/CMS system in a state fiscal year

Provided

- ▶ Foster Care defined as:
 - Using aid codes for any child who has been in foster care at any point in time in the year
40,42,43,45,49,4H, 4L, 4N,4P, 4R
- ▶ Eligibility defined as:
 - Having foster care aid code in a state fiscal year
- ▶ Data Source
 - DHCS MIS/DSS

Definitions Cont.

Requested

- ▶ Age groupings:
 - We would like age groups to be 0–2, 2–5, 6–11, 12–15, 16–17. For the purposes of this study it is important to show totals for 0–20 year olds in foster care but to then use the 0–17 year olds as the denominator group since 18–20 year olds consent to their own treatment.

Provided

- ▶ Age groupings:
 - Due to small numbers, age groups were not provided with the level of specificity requested
 - Some measures required 0–5, 6–11, 12–15 & 16–17
 - Some measures required 0–11, 12–15 & 16–17
 - Some measures required 0–11 & 12–17

Differences between Requested and Provided

- ▶ Eligibility in foster care was based on the aid codes in the DHCS system.
- ▶ Age Groupings were based on the data for each measure to protect confidentiality and minimize risk for potential re-identification of individuals in the data

Placement Type Groupings

(provided by CDSS)

- ▶ Foster Family Agencies (FFA)
- ▶ Foster Family Home
- ▶ Group Home
- ▶ Relative/Non-Relative Extended Family Member (NREFM) Home
- ▶ Guardian (Dependent)
- ▶ Guardian (Non-Dependent)
- ▶ Other:
 - Non Foster Care placement facility (NFC)
 - County Shelter/Receiving Home
 - Court Specified Home
 - Pre-Adoptive Home
 - Small Family Home
 - Supervised Independent Living Placement (SILP)
 - Trial Home Visit or Runaway Status
 - Tribe Specified Home
 - Not in Foster Care
 - Unmatched

Measures 1–5

- ▶ Use of Psych Meds:
 - Total and Percentage of children in foster care on any psychotropic medication
- ▶ Class of Psych Meds:
 - Total and percentage of children in foster care on a specific class of medication
- ▶ Number of Psych Meds
 - Total and percentage of children in foster care on 2, 3, 4+ psychotropic medications
- ▶ Number of Psych Meds – Long Term Use
 - Total and percentage of children in foster care on 2, 3, 4+ psychotropic medications for >180 days
- ▶ Multiple Meds in Same Drug Class
 - Total and percentage of children in foster care on more than one medication in the same drug class by drug class (eg: # ≥ 2 antipsychotics)

Statewide Data

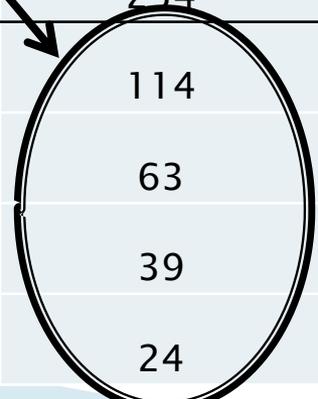
Use of Psychotropic Medications:	Total Unique Number of FCC On Psych Meds.	Total Unique Number of FCC	Percent
Ages 0– 20 Years Old	9,934	73,450	13.52%
Ages 0–17 Years Old	8,082	63,565	12.71%

Total unique number of children in foster care is the count of children that have eligibility at some point during the year. This number will be higher than a count that occurs at any given point in time.

Number of Psychotropic Medications:	Total Unique Number of FCC On Multiple Psychotropic Medications, 0 – 17 Years Old	Total Unique Number of FCC On At Least One Psychotropic Medication Per Days Overlap, 0 –17 Years Old	Percent
On Concurrent 2 drugs 30–45 days overlap	2,927	7,934	36.9%
On Concurrent 2 drugs 60–75 days overlap	1,996	6,265	31.9%
On Concurrent 2 drugs 90–105 days overlap	1,187	5,109	23.2%
On Concurrent 2 drugs > 180 days	1,043	3,998	26.09%
On Concurrent 3 drugs 30–45 days overlap	744	7,934	9.38%
On Concurrent 3 drugs 60–75 days overlap	489	6,265	7.81%
On Concurrent 3 drugs 90–105 days overlap	355	5,109	6.95%
On Concurrent 3 drugs > 180 days	254	3,998	6.35%
On Concurrent 4+ drugs 30–45 days overlap	114	7,934	1.44%
On Concurrent 4+ drugs 60–75 days overlap	63	6,265	1.01%
On Concurrent 4+ drugs 90–105 days overlap	39	5,109	0.76%
On Concurrent 4+ drugs > 180 days	24	3,998	0.60%

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DO NOT SUM - Of 114 children to received 4 or more psychotropic medications concurrently for one month, 24 proceeded to receive 4 or more psychotropic medications concurrently for more than 6 months statewide.



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On Concurrent 4+ drugs 60–75 days overlap	63		
On Concurrent 4+ drugs 90–105 days overlap	39		
On Concurrent 4+ drugs > 180 days	24		
		3,998	0.60%

You can sum –
 $1,043 + 254 + 24 = 1,321$ children
 received 2 or more
 psychotropic
 medications for
 more than 6
 months out of
 3,998 children who
 received at least
 one psychotropic
 medication for
 more than 6
 months.

Stratifications for the Measures

- ▶ For measures 1 to 5:
 - Use by Age
 - Use by Gender
 - Use by Ethnicity
 - Use by Placement type
(Note: Placement type was provided by CDSS and combined with DHCS data to perform this stratification)

Psychotropic Medication For Foster Care Children(FCC) In Medi-Cal Fee-For-Service (FFS) Program For SFY 2012-2013

5,718 children in FFS	Total Unique Number of FCC On Psychotropic Medication In Medi-Cal FFS 0- 20 Years Old (Numerator)	Total Unique Number of FCC In Medi-Cal FFS 0- 20 Years Old (Denominator)	Percent
	Age-Group:		
00 -05 Yrs Old	62	13,508	0.46%
06-11 Yrs Old	1,206	7,730	15.60%
12-15 Yrs Old	1,736	6,365	27.27%
16-17 Yrs Old	1,634	5,964	27.40%
18-20 Yrs Old	1,080	5,624	19.20%
Gender:			
F	2,268	18,372	12.34%
M	3,450	20,819	16.57%
Race/Ethnicity:			
White	3,190	19,348	16.49%
Hispanic	1,294	11,004	11.76%
Black	871	5,407	16.11%
Other	363	3,432	10.58%
Placement-Type:			
FFA	1049	9223	11.37%
Foster Family Home	458	3040	15.07%
Group Home	1977	3825	51.69%
Guardian (Dependent)	324	1106	29.29%
Guardian (Non-Dependent)	460	2329	19.75%
Other	902	11734	7.69%
Relative/NREFM Hom	548	7921	6.92%

Psychotropic Medication For Foster Care Children(FCC) In Medi-Cal Manage Care (MC) Program For SFY 2012-2013

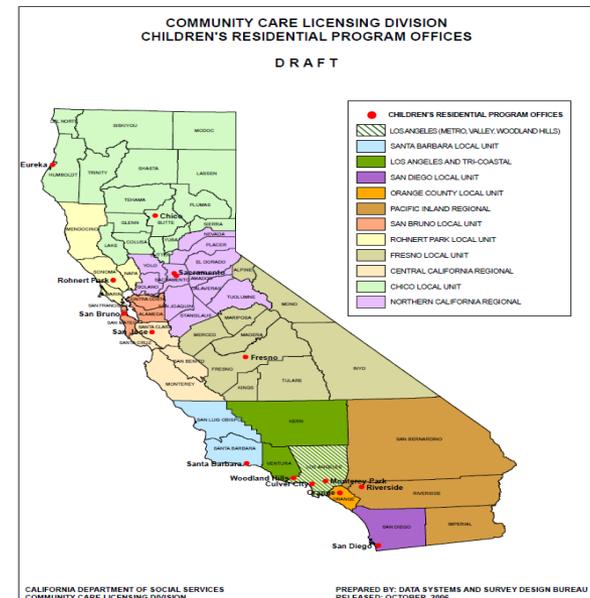
4,213 children in managed care	Total Unique Number of FCC On Psychotropic Medication In Medi-Cal MC 0- 20 Years Old (Numerator)	Total Unique Number of FCC In Medi-Cal MC 0-20 Years Old (Denominator)	Percent
	Age-Group:		
00 -05 Yrs Old	51	10,835	0.47%
06-11 Yrs Old	992	8,704	11.40%
12-15 Yrs Old	1,254	5,815	21.56%
16-17 Yrs Old	1,145	4,652	24.61%
18-20 Yrs Old	771	4,255	18.12%
Gender:			
F	1,637	16,683	9.81%
M	2,576	17,578	14.65%
Race/Ethnicity:			
White	1,905	13,719	13.89%
Hispanic	1,288	12,592	10.23%
Black	747	5,439	13.73%
Other	273	2,511	10.87%
Placement_Type:			
FFA	827	8808	9.39%
Foster Family Home	297	2893	10.27%
Group Home	1375	2716	50.63%
Guardian (Dependent)	95	526	18.06%
Guardian (Non-Dependent)	421	2753	15.29%
Other	645	6158	10.47%
Relative/NREFM Hom	553	10402	5.32%

SFY 2012-2013

Geography

Data provided by regions based on CDSS Regions: Community Care Licensing Division, Children's Residential Program Offices. Some regions were combined to have sufficient volume to support reporting without suppression of values.

- ▶ CHICO LOCAL UNIT
- ▶ FRESNO LOCAL UNIT
- ▶ LOS ANGELES (METRO VALLEY, WOODLAND HILLS)
- ▶ LOS ANGELES AND TRI COASTAL
- ▶ NORTHERN CA
- ▶ ORANGE & PACIFIC INLAND EMPIRE
- ▶ SAN BRUNO & ROHNERT PARK
- ▶ SAN DIEGO
- ▶ SANTA BARBARA & CENTRAL CA



FCC On Concurrent 2 drugs 60-75 days overlap - SFY 2012-2013			
County Zones	Total Unique Number of FCC On Multiple Psychotropic Medications, 0 - 17 Years Old - Numerator	Total Unique Number of FCC On At Least One Psychotropic Medication Per Days Overlap, 0 -17 Years Old - Denomenator	Percent
CHICO LOCAL UNIT	101	314	32.2%
FRESNO LOCAL UNIT	126	419	30.1%
LOS ANGELES (METRO VALLEY,WOODLAND HILLS)	574	1885	30.5%
LOS ANGELES AND TRI COASTAL	132	341	38.7%
NORTHERN CA	176	595	29.6%
ORANGE/PACIFIC INLAND	296	879	33.7%
SAN BRUNO AND ROHNERT PARK	204	562	36.3%
SAN DIEGO	90	279	32.3%
SANTA BARBARA AND CENTRAL CA	101	294	34.4%
UNKNOWN	196	695	28.2%

FCC On Concurrent 3 drugs 60-75 days overlap - SFY 2012-2013			
County Zones	Total Unique Number of FCC On Multiple Psychotropic Medications, 0 - 17 Years Old - Numerator	Total Unique Number of FCC On At Least One Psychotropic Medication Per Days Overlap, 0 -17 Years Old - Denomenator	Percent
CHICO LOCAL UNIT	33	314	10.5%
FRESNO LOCAL UNIT	41	419	9.8%
LOS ANGELES (METRO VALLEY,WOODLAND HILLS)	102	1885	5.4%
LOS ANGELES AND TRI COASTAL	30	341	8.8%
NORTHERN CA	55	595	9.2%
ORANGE/PACIFIC INLAND	74	879	8.4%
SAN BRUNO AND ROHNERT PARK	44	562	7.8%
SAN DIEGO	32	279	11.5%
SANTA BARBARA AND CENTRAL CA	29	294	9.9%
UNKNOWN	49	695	7.1%

Number of children in foster care by age group who received at least one medication in each drug class compared to the number of children in foster care by age group who received at least one psychotropic medication

Drug Class	00–11 Yrs Old			12–15 Yrs Old			16–17 Yrs Old		
	Unique Number Of FCC Per Drug Class, 0 – 17 Yrs Old	Unique Number Of FCC On Psychotropic Meds 0 – 17 Yrs Old	percent	Unique Number Of FCC Per Drug Class, 0 – 17 Yrs Old	Unique Number Of FCC On Psychotropic Meds 0 – 17 Yrs Old	percent	Unique Number Of FCC Per Drug Class, 0 – 17 Yrs Old	Unique Number Of FCC On Psychotropic Meds 0 – 17 Yrs Old	percent
Antianxiety	45	2311	1.9%	66	2990	2.2%	102	2779	3.7%
Antidepressants	576	2311	24.9%	1,528	2990	51.1%	1,803	2779	64.9%
Antipsychotics	1,017	2311	44.0%	1,670	2990	55.9%	1,473	2779	53.0%
Bipolar–Disorder	15	2311	0.6%	84	2990	2.8%	125	2779	4.5%
Stimulants	1,195	2311	51.7%	945	2990	31.6%	514	2779	18.5%

354 children in foster care have multiple medications in the same drug class for two or more months for the three drug classes shown below

Age-Group	00-11 Yrs			12-17 Yrs			
	Drug Class	Total Unique Number Of FCC On Multiple Psychotropic Medications Per Drug Class	Total Unique Number of FCC On One Or More Psychotropic Medication Per Drug Class	Percent	Total Unique Number Of FCC On Multiple Psychotropic Medications Per Drug Class	Total Unique Number of FCC On One Or More Psychotropic Medication Per Drug Class	Percent
00-11 Yrs	ANTIPSYCHOTICS	42	702	5.98%	162	1,890	8.57%
00-11 Yrs	ANTIDEPRESSANTS	11	359	3.06%	84	1,834	4.58%
00-11 Yrs	STIMULANTS	28	851	3.29%	27	1,019	2.65%

162 children ages 12 through 17 years old had two or more antipsychotics for more than two months out of 1,890 children ages 12 through 17 years old who has at least one psychotropic for more than two months.

Diagnostic Data

- ▶ Measures Requested (#12/13):
 - Diagnoses by drug class – List the top 5 diagnoses attributed to psychotropic prescription fills by drug class
 - Diagnoses by Age group – List the top primary diagnoses related to psychotropic medication fills by age group
- ▶ Measure Performed:
 - Top five diagnoses for the 8,082 children receiving psychotropic medications in foster care were grouped by age (6 – 11 years old, 12 – 15 years old, 16 – 17 years old)
 - Based on this table, you can say that these are the diagnoses most common among children in foster care who have received a psychotropic medication.

Most Common Diagnosis in Children in Foster Care with Psychotropics

On average, about 70% of the children in foster care that are taking psychotropics have two of the diagnoses shown below.

	ADD / ADHD	Mood Disorders	Adjustment Reaction	Disturbance of Conduct, NEC	Disturbance of Emotion, Child/Adolescent	Total Top 5 Diagnoses by Age	Unique Individuals Represented
Age (years old)	ICD-9 = 314	ICD-9 = 296	ICD-9 = 309	ICD-9 = 312	ICD-9 = 313		
06-11	1,491	497	774	457	390	3,609	2,053
12-15	1,331	1,322	912	607	547	4,719	2,707
16-17	726	1,517	739	566	404	3,952	2,383
Total	3,548	3,336	2,425	1,630	1,341	12,280	7,143

The Next Fiscal Year: 2013–2014

Use of Psychotropic Medications: Ages 0–17 Years Old	2012–2013	2013–2014
Total Unique Number of FCC On Psychotropic Meds	8,082	7,959
Total Unique Number of FCC	63,565	64,475
Percent	12.7%	12.3%

Total unique number of children in foster care is the count of children that have eligibility at some point during the year. This number will be higher than a count that occurs at any given point in time.

Gender, 0–17 years old

Children in foster care who received one or more psychotropic medication out of the number of children in foster care

2012–2013

- ▶ Fee-For-Service:
 - Females: 1,792 of 15,845 (11.3%)
 - Males: 2,846 of 17,722 (16.1%)
- ▶ Managed Care:
 - Females: 1,300 of 14,681 (8.8%)
 - Males: 2,142 of 15,325 (14.0%)

2013–2014

- ▶ Fee-For-Service
 - Females: 2,057 of 17,815 (11.5%)
 - Males: 3,247 of 20,027 (16.2%)
- ▶ Managed Care
 - Females: 1,048 of 13,081 (8.0%)
 - Males: 1,607 of 13,552 (11.9%)

Placement Type: Group Homes 0–17 years old

Children in foster care who received one or more psychotropic medication out of the number of children in foster care

2012–2013

- ▶ Fee-For-Service:
1,503 of 2,657 (56.6%)
- ▶ Managed Care:
1,053 of 2,016 (52.2%)

2013–2014

- ▶ Fee-For-Service
1,633 of 3,006 (54.3%)
- ▶ Managed Care:
759 of 1,487 (51.0%)

Challenges for Measure 6

- ▶ Number of Kids with High Dose
 - Total and percent of children in foster care who have a filled psychotropic medication prescription greater than FDA maximum dosage
- ▶ Challenges Defining “High Dose”
 - Dosing should be based on age and weight as well as the results of laboratory monitoring and patient response
 - There is not a standard adult dose to compare against to perform the analysis
 - The absence of this clinical data in our administrative data means we cannot produce valid results for this measure

Measures Under Evaluation

- ▶ Gaps in Medication Fills
 - Total and percent of children in foster care who had a greater than 20 day gap between having their psychotropic medications filled in the year
- ▶ Gaps –antipsychotics
 - Total and percent of children in foster care with greater than 20 day gap between having their antipsychotic medication
- ▶ Screening and Monitoring Psychotropics
 - Total and percent of children in foster care who have billed for evaluation, screening and monitoring with use of psychotropics
- ▶ Monitoring Antipsychotics
 - Total and percent of children in foster care who have billed for monitoring with use of antipsychotics

Measures Under Evaluation cont.

- ▶ **Monitoring Depakote**
 - Total number of children with a prescription fill for Depakote who have received drug level monitoring and liver function panel
- ▶ **Monitoring Lithium**
 - Total number of children with a prescription fill for lithium who have received renal and drug level monitoring
- ▶ **Receiving Psychosocial Services and Meds**
 - Total and percent of children in foster care who billed for evidence based psychosocial services prior to having a psychotropic medication prescription filled
- ▶ **Receiving meds for conduct disorder**
 - Total and percent of children in foster care who have oppositional defiance disorder or conduct disorder and have prescription fill for psychotropic medications

