

2015 Preliminary Meth Addendum

A. Admissions with Meth as Primary Drug of Choice in County Publicly-Funded Treatment

2014: 13,446 Total Individuals; Possible Multiple Admissions

The charts to the right and below provide a picture of who is admitted to publicly-funded drug treatment in San Diego County. These demographics are relatively stable over time, with little variance except for a small but growing older population.

Figure 2: Percent Age Group at Admit for Meth Primary Drug of Choice, 2014

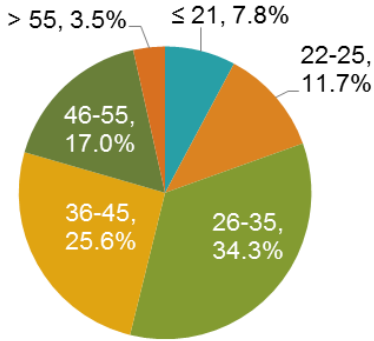


Table 1:

Meth Admits by Gender, 2014

Gender	Number	Percent
Male	2,964	59.4%
Female	2,024	40.6%
Other	3	0.1%

Figure 1: Percent of All Tx Primary Drug of Choice for Publicly Funded Tx, 2014

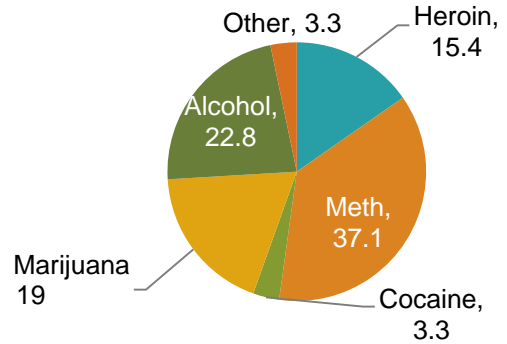
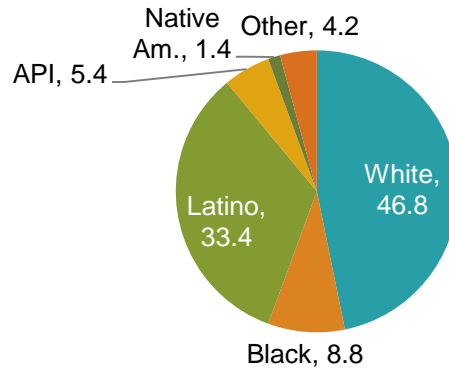


Figure 3: Percent of Race/Ethnicity in Meth Primary Drug of Choice Tx Admits, 2014



B. Meth and Family Impacts

Figure 4: Drug Endangered Children Identified in San Diego County

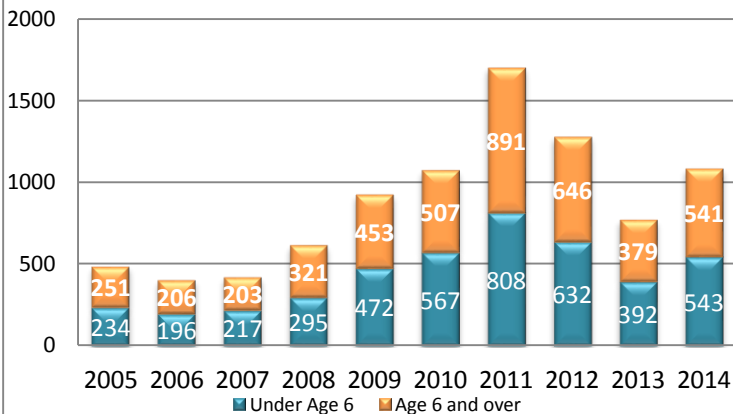


Table 2: Meth Involvement in Domestic Violence Fatalities

Findings from Multidisciplinary In-Depth Case Reviews CY 2006-2014

	Intimate Partner Victim (n=77)	Perpetrator (n=77)
Current Meth Use	16 (20.8%)	19 (24.7%)
History of Meth Use	20 (26.0%)	26 (33.8%)

**Current use: Meth detected at the time of death, as indicated by toxicology screen results.*

**History of use is determined by whether the individual has been known to use methamphetamines at some point in their life, as documented through a review of multidisciplinary case records.*

Source: San Diego County Domestic Violence Fatality Review Team

C. Public Safety Impacts

Table 3: San Diego County Meth Related Arrests, By Law Enforcement Agency, 2010-2014

	2010	2011	2012	2013	2014	Total	5-year Percent Change	1-Year Percent Change	Rate per 100,000 (2014)
Carlsbad	85	103	124	132	148	592	74.1%	12.1%	155
Coronado	9	9	3	14	17	52	---	---	80
Chula Vista	315	226	330	398	347	1,616	10.2%	-12.8%	161
El Cajon	292	282	309	339	342	1,564	17.1%	0.9%	395
Escondido	283	274	247	286	283	1,373	0.0%	-1.0%	229
La Mesa	101	124	173	219	149	766	47.5%	-32.0%	292
National City	99	92	116	131	135	573	36.4%	3.1%	267
Oceanside	268	221	238	276	277	1,280	3.4%	0.4%	192
San Diego	2,379	2,136	1,920	2,495	2,312	11,242	-2.8%	-7.3%	198
Sheriff Total	1,308	1,402	1,730	2,367	2,588	9,395	97.9%	9.3%	339
City of Del Mar	1	4	2	3	5	15	---	---	127
City of Encinitas	35	34	45	51	71	236	102.9%	39.2%	132
City of Imperial Beach	84	84	86	150	102	506	21.4%	-32.0%	450
City of Lemon Grove	83	66	74	78	81	382	-2.4%	3.8%	366
City of Poway	38	45	41	53	62	239	63.2%	17.0%	142
City of San Marcos	72	69	107	153	205	606	184.7%	34.0%	275
City of Santee	85	72	80	176	156	569	83.5%	-11.4%	323
City of Solana Beach	9	3	1	3	5	21	---	---	43
City of Vista	198	265	352	415	337	1,567	70.2%	-18.8%	416
Sheriff Uninc.	703	760	942	1,285	1,564	5,254	122.5%	21.7%	389
Grand Total	5,139	4,869	5,190	6,657	6,598	28,453	28.4%	-0.9%	243

Field (i.e., non-warrant) arrests only

Based on charges for codes 11377/11378/11379 (and variants) only

Arrests per 100,000 Population. Population figures are based on 2013 SANDAG estimates, individuals 10 years and older; Excludes Camp Pendleton.

The below table shows a steady increase of meth arrests as the portion of all arrests.

Table 4: Number of Misdemeanor and Felony Arrests, San Diego Region*, 2010-2014

	CY 2010-2014		
	Total Arrests**	Meth Related Arrests	% of Total
2010	99,856	5,139	5.1%
2011	89,248	4,869	5.5%
2012	83,628	5,190	6.2%
2013	84,520	6,657	7.9%

Source: SANDAG

*Includes: Carlsbad, Chula Vista, Coronado, El Cajon, Escondido, La Mesa, National City, Oceanside, San Diego, and Sheriff

**Excludes juvenile status offenses

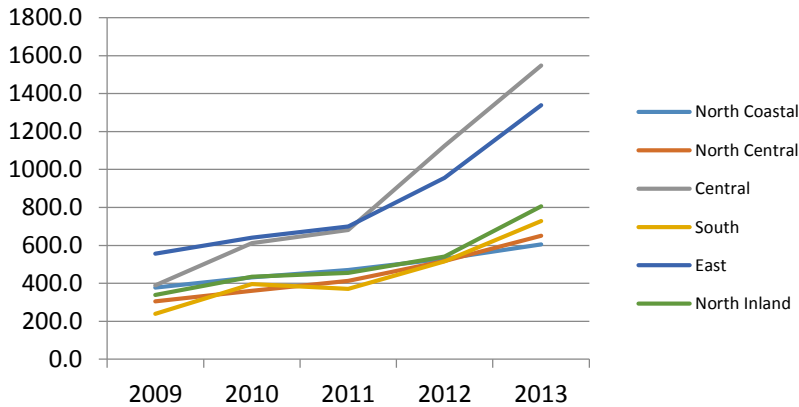
Tables 3 & 4 Prepared by Sheriff's Analysis Group

Data Source: ARJIS

D. Hospital Impacts

County residents go to local hospital emergency departments for a variety of reasons. If meth is involved, that factor is noted in a diagnosis. People may be treated and released (a discharge) or may be admitted into the hospital. The data on discharges and admissions shows a steady increase of meth's impacts to our hospital system. The most recent data available are from 2013.

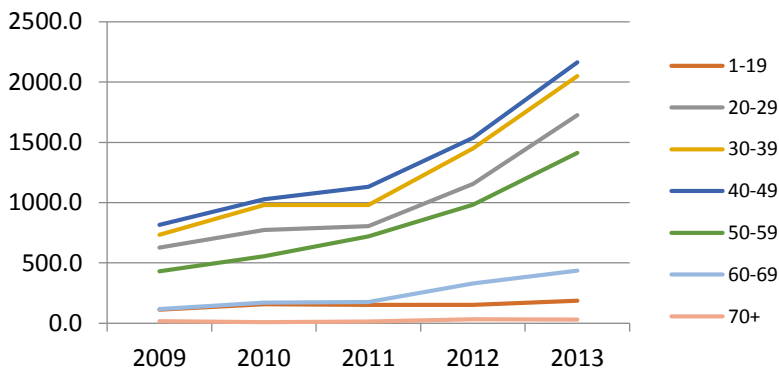
Figure 5: ED Discharge Rate for Amphetamine Dependence by HHS Region, 2009 - 2013



Meth rates at emergency departments have increased overall 150% in four years from 2009 through 2013. Nearly 40% of this increase has occurred at Sharp Grossmont and Scripps Mercy Hospitals (see Table 5).

“Trauma positives alone for us have nearly tripled from 2010” reports Beth Sise, MSF Coordinating Committee member and Director of Trauma Research & Injury Prevention at Scripps Mercy.

Figure 6: ED Discharge Rate for Amphetamine Dependence by Age Group, 2009 - 2013



What Brings Meth Users to Local Hospitals?

- Cardiovascular issues such as chest pain, arrhythmia, hypertension, heart attack
- Gastrointestinal problems
- Skin Infections (abscess, cellulitis), delusional parasitosis (skin picking)
- Respiratory problems such as wheezing, shortness of breath
- Nervous system issues such as agitation, violent behavior, coma/somnolence,
- First-time seizure(s), psychosis, hallucinations
- Pregnancy/lactation complications

Reference: Medscape at <http://emedicine.medscape.com/article/820918-overview>

Figure 7: Hospital Admission Rate for Amphetamine Dependence by Age Group, 2009 - 2013

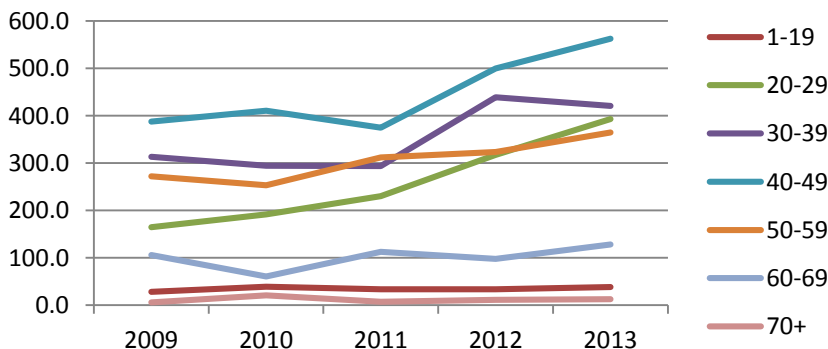


Table 5: Emergency Department Discharges for Amphetamine Dependence and Abuse in San Diego County by Hospital, 2010 – 2013

Hospital	2010	2011	2012	2013	4-Year Change	4-Year Change Percent	Percent of Total Meth Increase
Alvarado	223	184	258	529	306	137.2%	6.4%
Fallbrook	19	16	11	22	3	15.8%	0.1%
Kaiser	77	104	253	205	128	166.2%	2.7%
Palomar Health	372	390	482	870	498	133.9%	10.5%
Paradise Valley	288	219	317	832	544	188.9%	11.4%
Pomerado Hospital	27	44	70	96	69	255.6%	1.5%
Rady Children’s Hospital	22	15	19	11	-11	-50.0%	-0.2%
Scripps Encinitas	78	82	80	88	10	12.8%	0.2%
Scripps La Jolla	35	106	47	68	33	94.3%	0.7%
Scripps Mercy*	444	643	952	1333	889	200.2%	18.7%
Sharp Chula Vista	140	117	138	303	163	116.4%	3.4%
Sharp Coronado	101	88	109	63	-38	-37.6%	-0.8%
Sharp Grossmont	680	751	1140	1786	1106	162.6%	23.3%
Sharp Memorial	275	291	433	559	284	103.3%	6.0%
Tri-City	330	409	425	492	162	49.1%	3.4%
UC San Diego**	249	314	774	859	610	245.0%	12.8%

*Also includes data for Scripps Chula Vista

**Also includes data for UC San Diego Hillcrest and Thornton

Source: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Emergency Department Discharges Database, 2010 - 2013.

