

Gastroschisis in California

Letters

RESEARCH LETTER

PACIFIC COAST SURGICAL ASSOCIATION

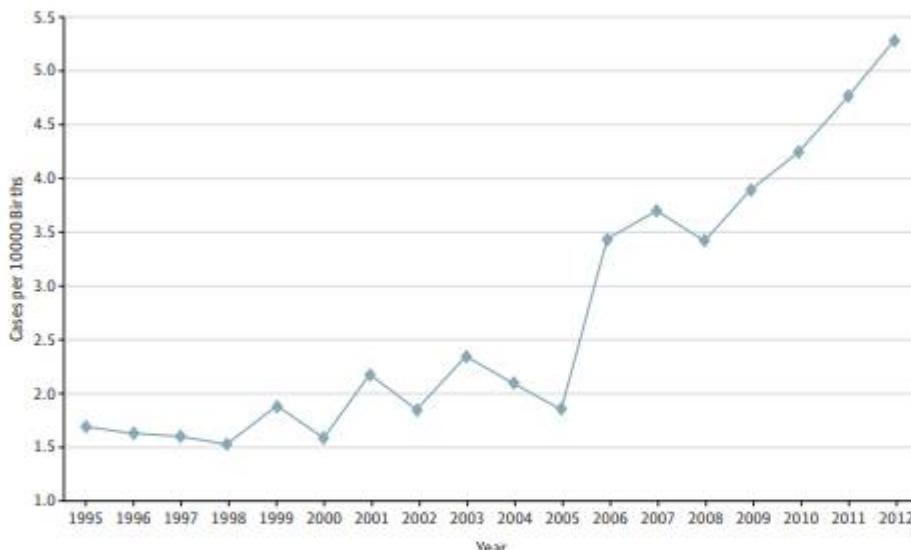
Incidence of Gastroschisis in California

The incidence of gastroschisis is increasing worldwide, but the causes and risk factors of this increase are not well elucidated.¹ This study examines the incidence of gastroschisis in California over time and by county.

Primary analysis was logistic regression. Statistical analysis was performed using Stata/SE, version 14.2 (StataCorp).

Results | The rate of gastroschisis increased from 1.7 cases per 10 000 births in 1995 to 5.3 cases per 10 000 births in 2012 (overall, 2.7 cases/10 000 births) (Figure 1). Overall incidence was highest in Modoc, followed by Mariposa, Siskiyou, Lake, Shasta, Mendocino, Nevada, Amador,

Figure 1. Incidence of Gastroschisis per 10 000 Births Over Time in California



The incidence increased between 1995 and 2012.

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Incidence of Gastroschisis in California.

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Author information

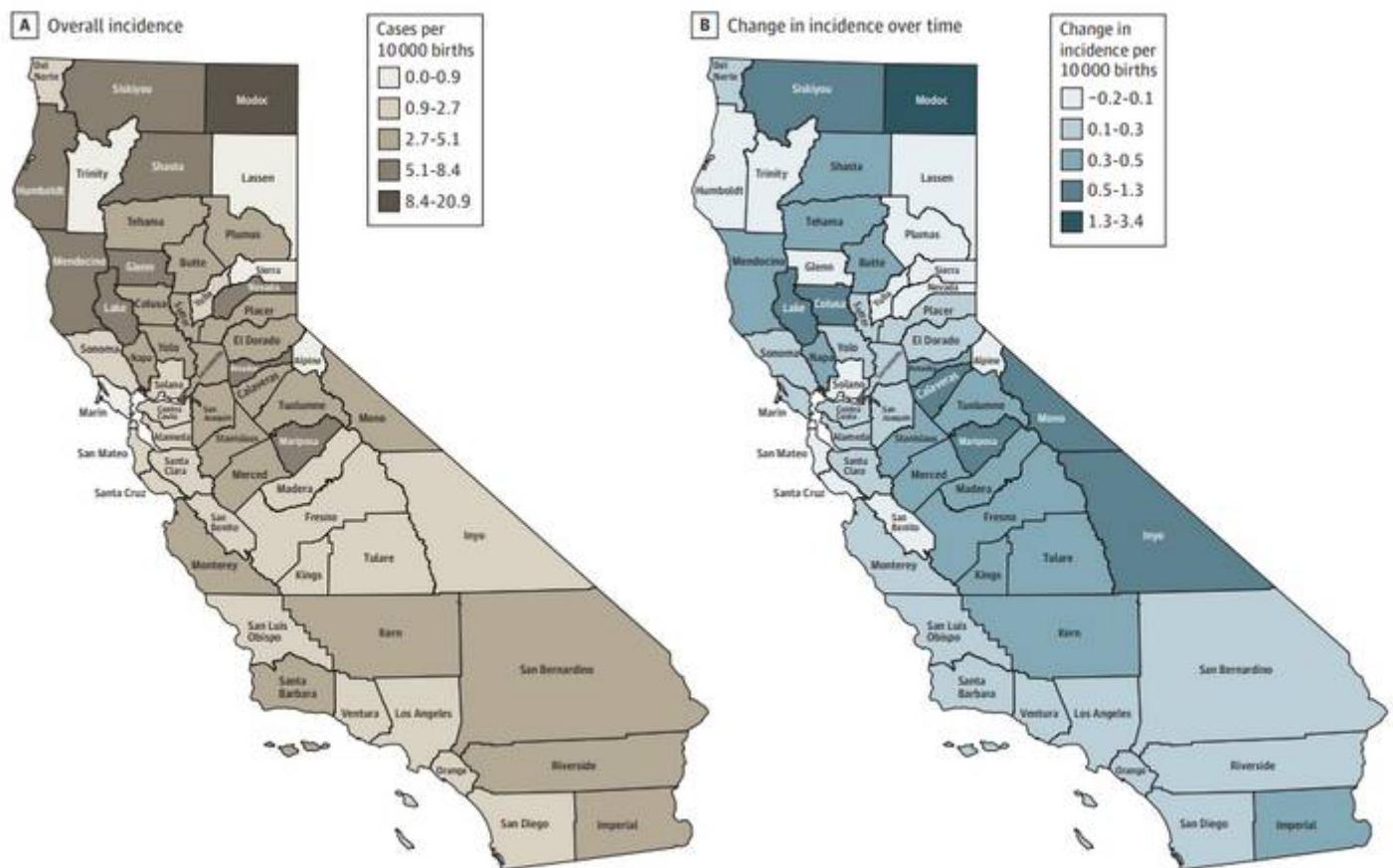
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<https://www.ncbi.nlm.nih.gov/pubmed?term=%22JAMA+surgery%22%5Bjour%5D+AND+2018%5Bpdat%5D+AND+incidence+of+gastroschisis+in+california&TransSchema=title&cmd=detailssearch>

Figure 2. Incidence of Gastroschisis in California by County



Overall incidence (A) and change in incidence over time (B) from 1995 to 2012.

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Doubling Daily Use

Daily marijuana use in the past year and past month among marijuana users* aged ≥12, by age group — National Survey on Drug Use and Health, 2003-2004 to 2010-2011								
2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
he past year*								
12.8 (10.1-16.0)	14.4 (11.6-17.7)	13.1 (10.6-16.1)	13.4 (10.6-16.7)	14.3 (11.0-18.5)	13.4 (10.7-16.8)	15.2 (12.4-18.5)	17.9 (14.6-21.7)	(17)
7.5 (5.1-10.8)	8.6 (5.8-12.7)	6.7 (4.2-10.7)	6.6 (4.0-10.6)	6.0 (3.7-9.5)	5.8 (3.6-9.2)	8.2 (5.8-11.6)	9.4 (6.8-12.8)	(5)
14.3 (11.7-17.3)	16.4 (13.1-20.2)	15.5 (12.4-19.3)	14.4 (11.6-17.8)	13.9 (11.0-17.4)	14.6 (11.8-17.9)	16.3 (13.4-19.8)	18.5 (15.2-22.4)	(18)
13.3 (9.0-19.2)	14.6 (10.1-20.6)	13.0 (9.2-18.2)	14.2 (10.0-19.9)	16.5 (11.0-24.0)	14.4 (9.9-20.4)	16.0 (11.2-22.4)	19.3 (14.0-26.0)	(17)
he past month**								
30.4 (25.7-35.5)	32.1 (27.2-37.4)	32.8 (27.9-38.0)	34.9 (29.7-40.4)	34.7 (28.4-41.6)	33.7 (28.3-39.7)	39.7 (33.9-45.7)	41.7 (36.0-47.6)	(38)
25.9 (20.2-32.7)	27.7 (21.3-35.1)	20.5 (14.2-28.7)	21.5 (15.5-28.9)	20.6 (15.2-27.2)	24.6 (18.8-31.4)	24.4 (19.0-30.9)	22.4 (16.9-29.1)	(18)
34.2 (29.1-39.6)	33.3 (27.8-39.3)	33.7 (28.1-39.7)	34.6 (29.5-40.2)	36.4 (30.8-42.4)	37.6 (31.9-43.7)	39.7 (34.4-45.1)	43.2 (38.0-48.5)	(40)
29.3 (21.6-38.3)	32.4 (24.5-41.4)	34.4 (27.0-42.7)	37.8 (29.5-46.9)	36.5 (26.1-48.3)	33.1 (24.2-43.3)	42.8 (32.8-53.4)	44.8 (35.3-54.6)	(36)

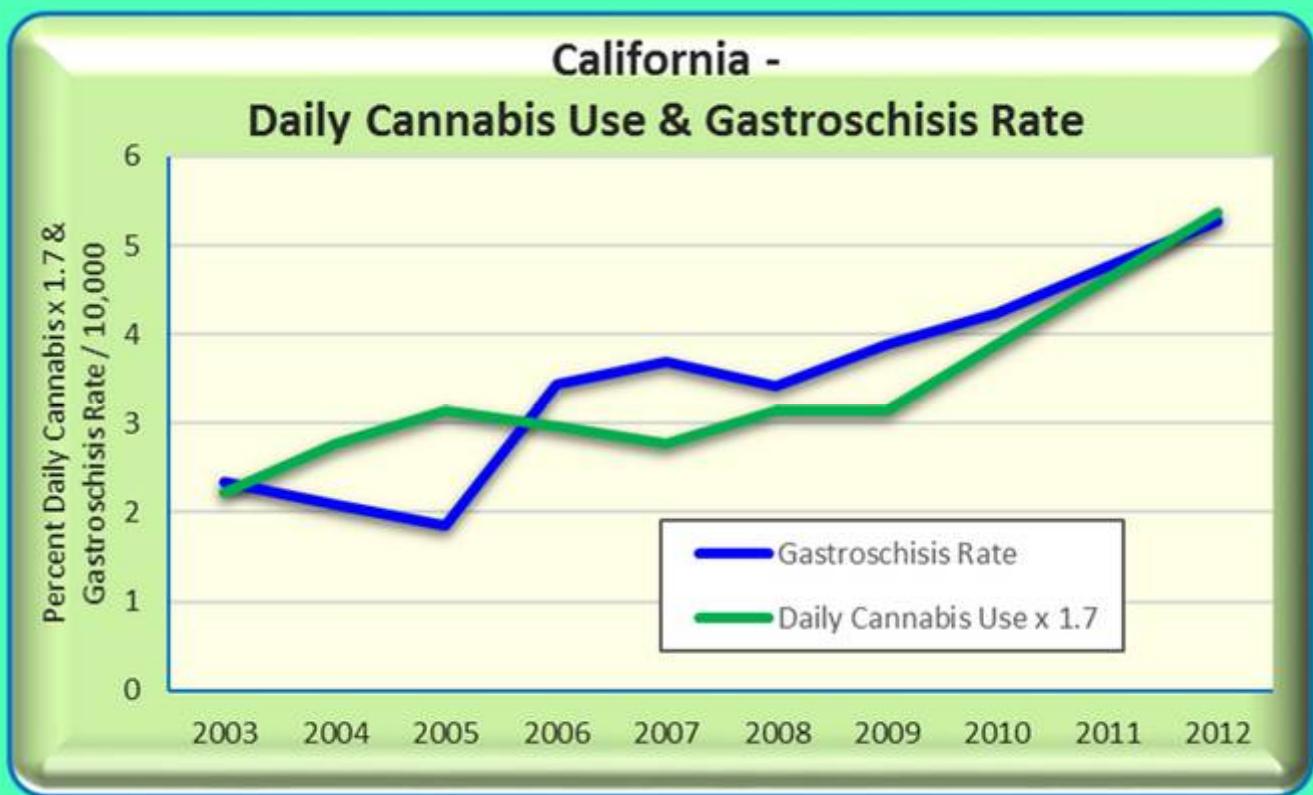
Health Services Administration, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002–2014.

estimate of daily or almost daily use in the past year is among past year marijuana users; estimates of daily or almost daily use in the past month is among those defined as having used marijuana on 300 or more days in the past year. Those defined as having used marijuana on 20 or more days in the past month.

California 6

<https://www.samhsa.gov/data/sites/default/files/california-2002-2014.pdf>

California - Correlation between Daily Cannabis Use and Gastroschisis Rate



$$R = 0.814523$$
$$P = 0.004112$$
$$95\% \text{ C.I.} = 0.37-0.95$$

Association between Cannabis Use and Gastroschisis

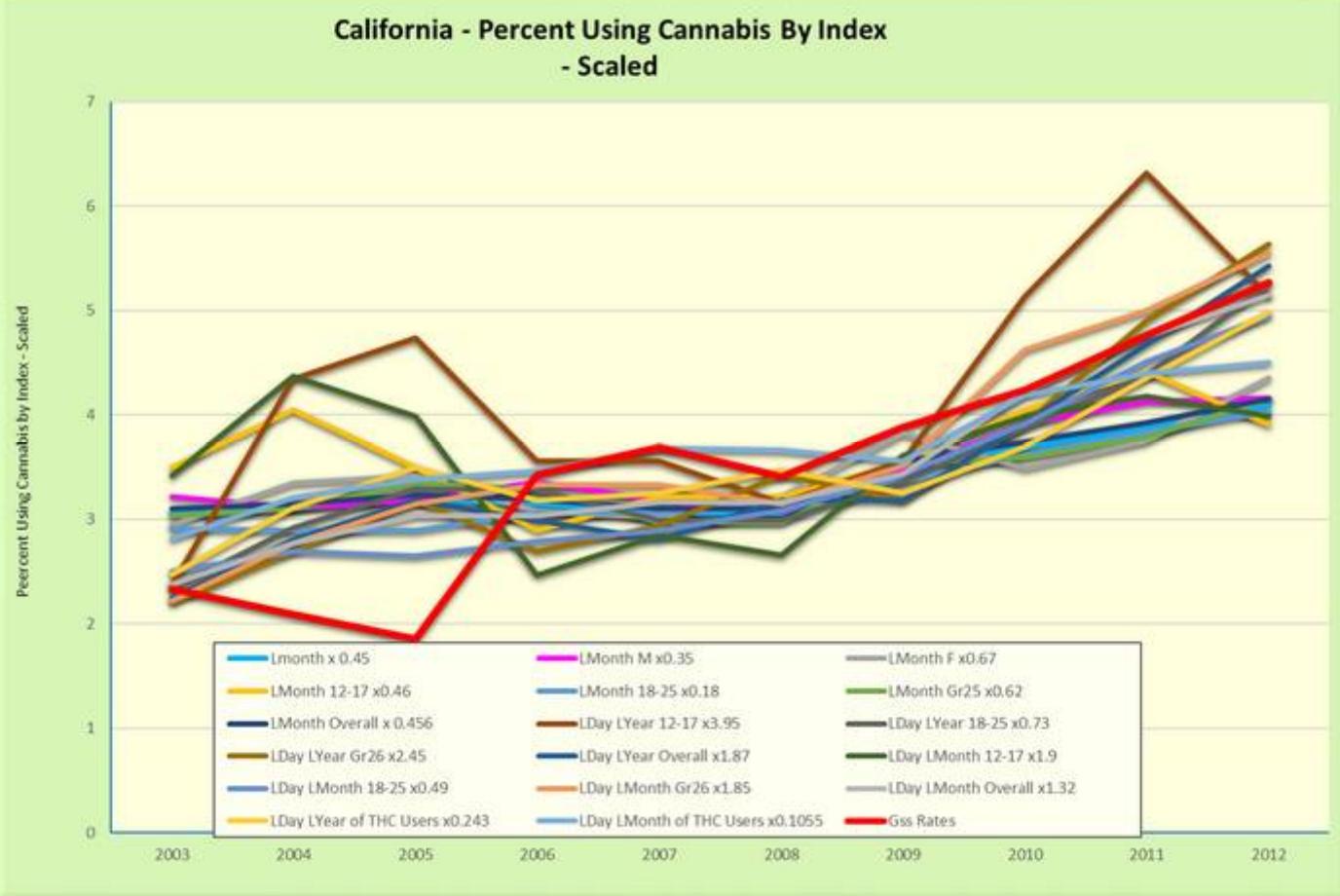
```
> names(CGT)
[1] "Year"      "THC.Use"    "Gss.Rate"
> dim(CGT)
[1] 10  3
> CGT
  Year THC.Use Gss.Rate
1  2003     1.2 2.339063
2  2004     1.5 2.092089
3  2005     1.7 1.851959
4  2006     1.6 3.426922
5  2007     1.5 3.686779
6  2008     1.7 3.412390
7  2009     1.7 3.884607
8  2010     2.1 4.240373
9  2011     2.5 4.760498
10 2012    2.9 5.273798
>
> cor.test(CGT$THC.Use, CGT$Gss.Rate, method="p", alternative = "t", exact=TRUE)

  Pearson's product-moment correlation

data: CGT$THC.Use and CGT$Gss.Rate
t = 3.9712, df = 8, p-value = 0.004112
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
 0.3795439 0.9545916
sample estimates:
  cor
0.814523
```

$$\boxed{R = 0.814523 \\ P = 0.004112 \\ 95\% \text{ C.I.} = 0.37-0.95}$$

California Cannabis Use All NSDUH Indices - Scaled



California Cannabis Use- Best Correlating NSDUH Indices - Scaled

California - Gastroschisis & Percent Using Cannabis By NSDUH Index - Scaled



THC Use Tables

	LDay LMonth 18-25	LDay LYear of THC Users	LDay LMonth Overall	LDay LYear 12-17	LDay LYear 18-25	LDay LYear Overall
14	5.1	10.2	1.8	0.6	3.2	
19	5.5	12.8	2.1	1.1	4	
15	5.4	14.4	2.3	1.2	4.5	
13	5.7	13.1	2.3	0.9	4.5	
19	5.9	13.4	2.4	0.9	4.1	
11	6.3	14.3	2.4	0.8	4.1	
18	7	13.4	2.6	0.9	4.6	
24	8	15.2	3.2	1.3	5.3	
16	9.2	17.9	3.6	1.6	6	
27	10.1	20.5	3.9	1.3	7.2	
%	98.04%	100.98%	116.67%	116.67%	125.00%	14

	LMonth 18-25	LMonth Gr25	LMonth Overall	LDay LYear 12-17	LDay LYear 18	LDay LYear Gr	LDay LYear Overall	LDay LMonth 12-17	LDay LMonth 18-25	LDay LMonth Overall
7.6	16.2	4.9	6.8	0.6	3.2	0.9	1.2	1.8	5.1	
8.8	16.1	5	6.9	1.1	4	1.1	1.5	2.3	5.5	
7.6	16.1	5.4	7.1	1.2	4.5	1.3	1.7	2.1	5.4	
6.3	17	5.3	7	0.9	4.5	1.1	1.6	1.3	5.7	
7	17	4.8	6.8	0.9	4.1	1.2	1.5	1.5	5.9	
7	17.4	4.8	6.8	0.8	4.1	1.4	1.7	1.4	6.3	
7.7	18.7	5.7	7.8	0.9	4.6	1.3	1.7	1.9	7	
8.8	20.1	5.8	8.2	1.3	5.3	1.6	2.1	2.1	8	
9.6	21.3	6.1	8.6	1.6	6	2	2.5	2.2	9.2	
8.5	22.4	6.7	9.1	1.3	7.2	2.3	2.9	2.1	10.1	
%	38.27%	36.73%	33.82%	116.67%	125.00%	155.56%	141.67%	16.67%	98.04%	150

Tables from NSDUH

na use* among all persons aged ≥ 12 , by selected demographic characteristics — National Survey on Drug Use and Health, California, 2002–2014

2003–2004	2004–2005	2005–2006	2006–2007	2007–2008	2008–2009	2009–2010	2010–2011	2011–2012
%	%	%	%	%	%	%	%	%
(95% CI)	(95% CI)	(95% CI)	(95% CI)	(95% CI)	(95% CI)	(95% CI)	(95% CI)	(95% CI)
6.9 (6.1-7.9)	7.1 (6.2-8.0)	7.0 (6.3-7.9)	6.8 (6.0-7.6)	6.8 (6.0-7.7)	7.8 (6.9-8.7)	8.2 (7.3-9.1)	8.6 (7.7-9.6)	9.1 (8.2-10.1)
8.8 (7.7-10.2)	7.6 (6.5-8.9)	6.3 (5.3-7.5)	7.0 (5.8-8.4)	7.0 (5.9-8.4)	7.7 (6.5-9.1)	8.8 (7.5-10.3)	9.6 (8.3-11.1)	8.5 (7.4-9.5)
16.1 (4.2-18.1)	16.1 (14.3-18.1)	17.0 (15.3-18.9)	17.0 (15.2-19.0)	17.4 (15.5-19.5)	18.7 (16.7-20.8)	20.1 (18.3-22.0)	21.3 (19.5-23.2)	22.1 (20.2-24.2)
5.0 (4.0-6.2)	5.4 (4.4-6.5)	5.3 (4.4-6.4)	4.8 (4.0-5.8)	4.8 (3.8-5.9)	5.7 (4.7-6.9)	5.8 (4.8-7.0)	6.1 (5.1-7.4)	6.1 (5.7-8.1)
9.1 (0.0-11.8)	9.3 (7.0-12.3)	9.5 (6.9-13.0)	7.9 (6.1-10.3)	7.8 (5.9-10.3)	10.7 (8.6-13.3)	11.1 (8.7-14.0)	10.8 (8.3-13.9)	11.1 (9.5-12.1)
4.3 (3.1-6.0)	4.5 (3.2-6.3)	6.3 (4.6-8.4)	6.3 (4.7-8.3)	4.1 (2.8-5.9)	3.9 (2.7-5.7)	5.1 (3.5-7.5)	5.6 (4.0-7.9)	6.2 (4.5-8.1)
6.9 (4.4-10.6)	8.0 (5.5-11.5)	5.7 (3.9-8.2)	5.7 (3.8-8.4)	6.0 (3.8-9.2)	5.5 (3.5-8.6)	6.1 (4.0-9.2)	6.2 (4.1-9.4)	5.2 (3.3-7.1)
2.5 (1.0-5.9)	3.2 (1.6-6.5)	3.5 (2.2-5.7)	2.6 (1.3-5.2)	5.0 (2.4-10.1)	7.4 (4.2-12.6)	4.6 (2.6-8.0)	6.3 (3.8-10.2)	9.4 (6.2-13.1)
0.3 (0.0-2.2)	0.3 (0.0-2.2)	*	*	*	0.9 (0.2-4.2)	1.5 (0.4-4.8)	1.3 (0.4-4.0)	1.3 (0.5-3.1)
8.9 (7.7-10.3)	9.1 (7.8-10.5)	9.6 (8.4-11.0)	9.1 (7.9-10.5)	8.8 (7.5-10.4)	9.9 (8.5-11.5)	11.2 (9.7-12.9)	11.8 (10.3-13.4)	11.1 (10.5-12.1)
5.0 (4.1-6.0)	5.1 (4.3-6.2)	4.6 (3.8-5.5)	4.5 (3.8-5.3)	4.8 (4.0-5.9)	5.7 (4.8-6.9)	5.2 (4.4-6.0)	5.6 (4.8-6.5)	6.5 (5.6-7.5)

use* among all persons aged ≥ 12 , by age group — National Survey on Drug Use and Health, California, 2002–2014

2003–2004	2004–2005	2005–2006	2006–2007	2007–2008	2008–2009	2009–2010	2010–2011	2011–2012
%	%	%	%	%	%	%	%	%
(95% CI)								
14.4 (12.4-16.6)	11.8 (10.8-12.9)	11.8 (10.8-12.9)	11.6 (10.5-12.7)	11.8 (10.6-13.0)	13.0 (11.9-14.2)	13.8 (12.6-15.1)	14.1 (12.9-15.4)	14.1 (13.0-16.1)
14.5 (12.5-15.9)	13.8 (12.4-15.4)	12.9 (11.5-14.5)	12.9 (11.5-14.5)	13.1 (11.7-14.8)	14.9 (13.3-16.8)	15.8 (14.0-17.9)	17.0 (15.1-19.1)	16.0 (14.4-18.1)
17.7 (15.0-30.4)	27.7 (25.5-30.0)	28.7 (26.4-31.1)	28.2 (26.0-30.5)	29.4 (27.1-31.8)	31.7 (29.3-34.2)	32.4 (30.0-34.9)	32.5 (30.3-34.8)	33.6 (31.0-35.3)
10.0 (7.9-9.4)	8.6 (7.5-10.0)	8.6 (7.4-9.9)	8.2 (7.1-9.6)	8.2 (6.9-9.7)	9.1 (7.9-10.6)	10.0 (8.6-11.5)	10.3 (8.9-11.9)	10.1 (9.0-11.1)

* Services Administration, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002–2014.

se who reported use of marijuana within 12 months preceding the date of interview; — these also include those who reported use of marijuana within 30 days preceding the date of interview.

Tables from NSDUH

marijuana use in the past year and past month among all persons aged ≥ 12 , by age group — National Survey on Drug Use and Health, California,

past year

5 1.9)	1.7 (1.3-2.2)	1.6 (1.3-1.9)	1.5 (1.2-2.0)	1.7 (1.3-2.2)	1.7 (1.4-2.2)	2.1 (1.7-2.6)	2.5 (2.0-3.2)	2.9 (2.4-3.
1 1.6)	1.2 (0.8-1.8)	0.9 (0.5-1.4)	0.9 (0.5-1.4)	0.8 (0.5-1.3)	0.9 (0.5-1.4)	1.3 (0.9-1.9)	1.6 (1.1-2.2)	1.3 (0.9-1.
0 5.0)	4.5 (3.6-5.8)	4.5 (3.5-5.6)	4.1 (3.2-5.1)	4.1 (3.2-5.1)	4.6 (3.7-5.8)	5.3 (4.3-6.5)	6.0 (4.9-7.4)	7.2 (6.0-8.
1 1.6)	1.3 (0.8-1.9)	1.1 (0.8-1.6)	1.2 (0.8-1.7)	1.4 (0.9-2.1)	1.3 (0.9-2.0)	1.6 (1.1-2.4)	2.0 (1.4-2.9)	2.3 (1.7-3.

past month

1 2.6)	2.3 (1.8-2.8)	2.3 (1.9-2.8)	2.4 (1.9-2.9)	2.4 (1.9-3.0)	2.6 (2.1-3.3)	3.2 (2.6-4.0)	3.6 (2.9-4.4)	3.9 (3.3-4.
3 3.0)	2.1 (1.6-2.8)	1.3 (0.9-1.9)	1.5 (1.0-2.2)	1.4 (1.0-2.1)	1.9 (1.4-2.6)	2.1 (1.6-2.8)	2.2 (1.6-2.8)	2.1 (1.6-2.
5 6.8)	5.4 (4.3-6.6)	5.7 (4.7-7.0)	5.9 (4.9-7.1)	6.3 (5.2-7.6)	7.0 (5.8-8.4)	8.0 (6.7-9.4)	9.2 (7.8-10.8)	10.1 (8.7-11
5 2.1)	1.7 (1.2-2.4)	1.8 (1.4-2.4)	1.8 (1.4-2.5)	1.7 (1.2-2.5)	1.9 (1.3-2.7)	2.5 (1.8-3.5)	2.7 (2.0-3.8)	3.0 (2.3-3.

Services Administration, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002–2014.

as having used marijuana on 300 or more days in the past year.

ed as having used marijuana on 20 or more days in the past month.

marijuana use in the past year and past month among marijuana users* aged ≥ 12 , by age group — National Survey on Drug Use and Health, California, 2013

past year

1.8 1-16.0)	14.4 (11.6-17.7)	13.1 (10.6-16.1)	13.4 (10.6-16.7)	14.3 (11.0-18.5)	13.4 (10.7-16.8)	15.2 (12.4-18.5)	17.9 (14.6-21.7)	20 (17.3-
7.5 -10.8)	8.6 (5.8-12.7)	6.7 (4.2-10.7)	6.6 (4.0-10.6)	6.0 (3.7-9.5)	5.8 (3.6-9.2)	8.2 (5.8-11.6)	9.4 (6.8-12.8)	8. (5.7-1
4.3 -17.3)	16.4 (13.1-20.2)	15.5 (12.4-19.3)	14.4 (11.6-17.8)	13.9 (11.0-17.4)	14.6 (11.8-17.9)	16.3 (13.4-19.8)	18.5 (15.2-22.4)	21 (18.1-
3.3 -19.2)	14.6 (10.1-20.6)	13.0 (9.2-18.2)	14.2 (10.0-19.9)	16.5 (11.0-24.0)	14.4 (9.9-20.4)	16.0 (11.2-22.4)	19.3 (14.0-26.0)	22 (17.4-

past month

0.4 7-35.5)	32.1 (27.2-37.4)	32.8 (27.9-38.0)	34.9 (29.7-40.4)	34.7 (28.4-41.6)	33.7 (28.3-39.7)	39.7 (33.9-45.7)	41.7 (36.0-47.6)	42 (38.0-48.6)
5.9 2-32.7)	27.7 (21.3-35.1)	20.5 (14.2-28.7)	21.5 (15.5-28.9)	20.6 (15.2-27.2)	24.6 (18.8-31.4)	24.4 (19.0-30.9)	22.4 (16.9-29.1)	24 (18.7-31.6)
4.2 1-39.6)	33.3 (27.8-39.3)	33.7 (28.1-39.7)	34.6 (29.5-40.2)	36.4 (30.8-42.4)	37.6 (31.9-43.7)	39.7 (34.4-45.1)	43.2 (38.0-48.5)	45 (40.0-48.6)
9.3 6-38.3)	32.4 (24.5-41.4)	34.4 (27.0-42.7)	37.8 (29.5-46.9)	36.5 (26.1-48.3)	33.1 (24.2-43.3)	42.8 (32.8-53.4)	44.8 (35.3-54.6)	44 (36.6-54.6)

Services Administration, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002–2014.

rate of daily or almost daily use in the past year is among past year marijuana users; estimates of daily or almost daily use in the past month is among past month marijuana users as having used marijuana on 300 or more days in the past year; and as having used marijuana on 20 or more days in the past month.

<https://www.samhsa.gov/data/sites/default/files/california-2002-2014.pdf>

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If you have a concern about keeping a marijuana dispensary or grow out of your neighborhood, please contact Citizens Against the Legalization of Marijuana, also called [CALM](#). The organization is very experienced and has an info packet they can send you. CALM originated several years ago in California, but now is ready to help any state in the country. If we support each other while trying to protect the children, we will keep marijuana out of our neighborhoods.

In 2015, a [judge in California upheld the Schedule I designation](#) of marijuana. In 2016, the DEA review the Schedule I designation and decided marijuana belonged in that category which means it has a "high potential for abuse."

Here's some stories from California, for example: [Yuba County](#) and [Nevada County](#), as well as feature articles about:

[Humboldt, Mendocino Counties](#) and [The Emerald Triangle](#), [Calaveras County](#).

Contact StopPot.org: media@stoppot.org

Click here to like our Facebook page! [Facebook.com/stoppot](https://www.facebook.com/stoppot)

CHILD DEATH TOLL FROM LEGALIZATION CANNABIS REACHES 105



Click here for the latest report on 105 child deaths related to cannabis use and abuse: The Pot Report on Child Deaths Related to Cannab

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<http://www.stoppot.org/states/local-news/>

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CALIFORNIA



Here's some stories from California, for example: [Yuba County](#) and [Nevada County](#), as well as feature articles about:

[Humboldt, Mendocino Counties](#) and [The Emerald Triangle](#),
[Calaveras County](#)

<http://www.stoppot.org/states/local-news/>

*Cannabis in
California
Over Time*

*NSDUH – SAMHSA
Maps*

Last Month Cannabis Use in California, by Triennium 2008-2016

2014-2016

2012-2014

Figure 5.2 Marijuana Use in the Past Month among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs

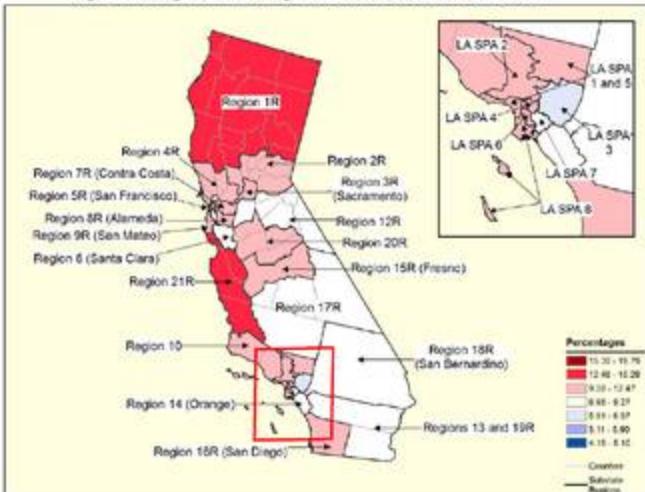
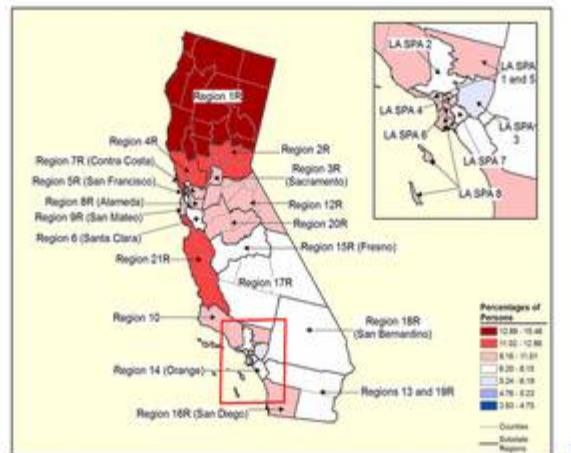


Figure 5.3 Marijuana Use in the Past Month among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



2010-2012

2008-2010

Figure 5.3 Marijuana Use in the Past Month among Persons Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2010, 2011, and 2012 NSDUHs

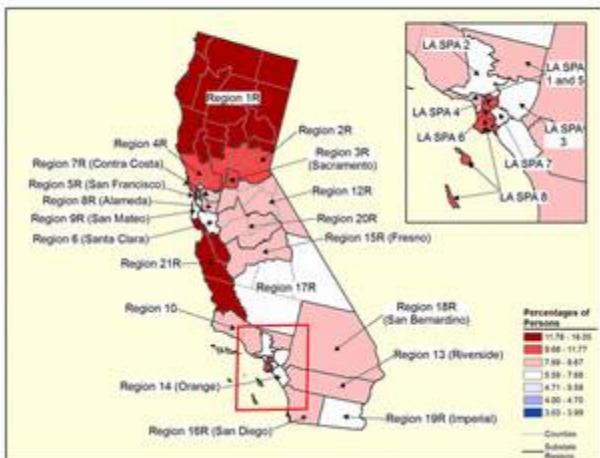
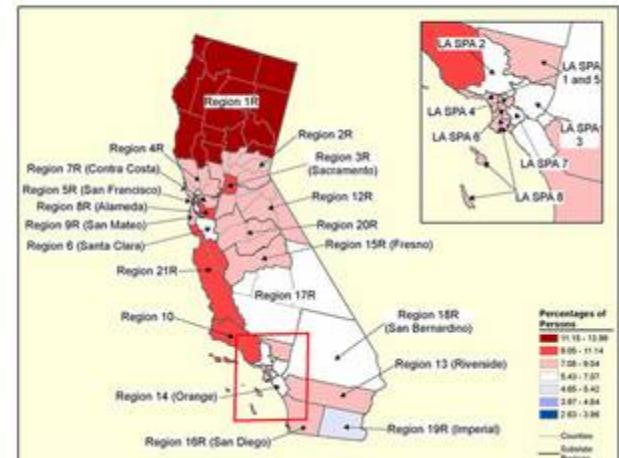
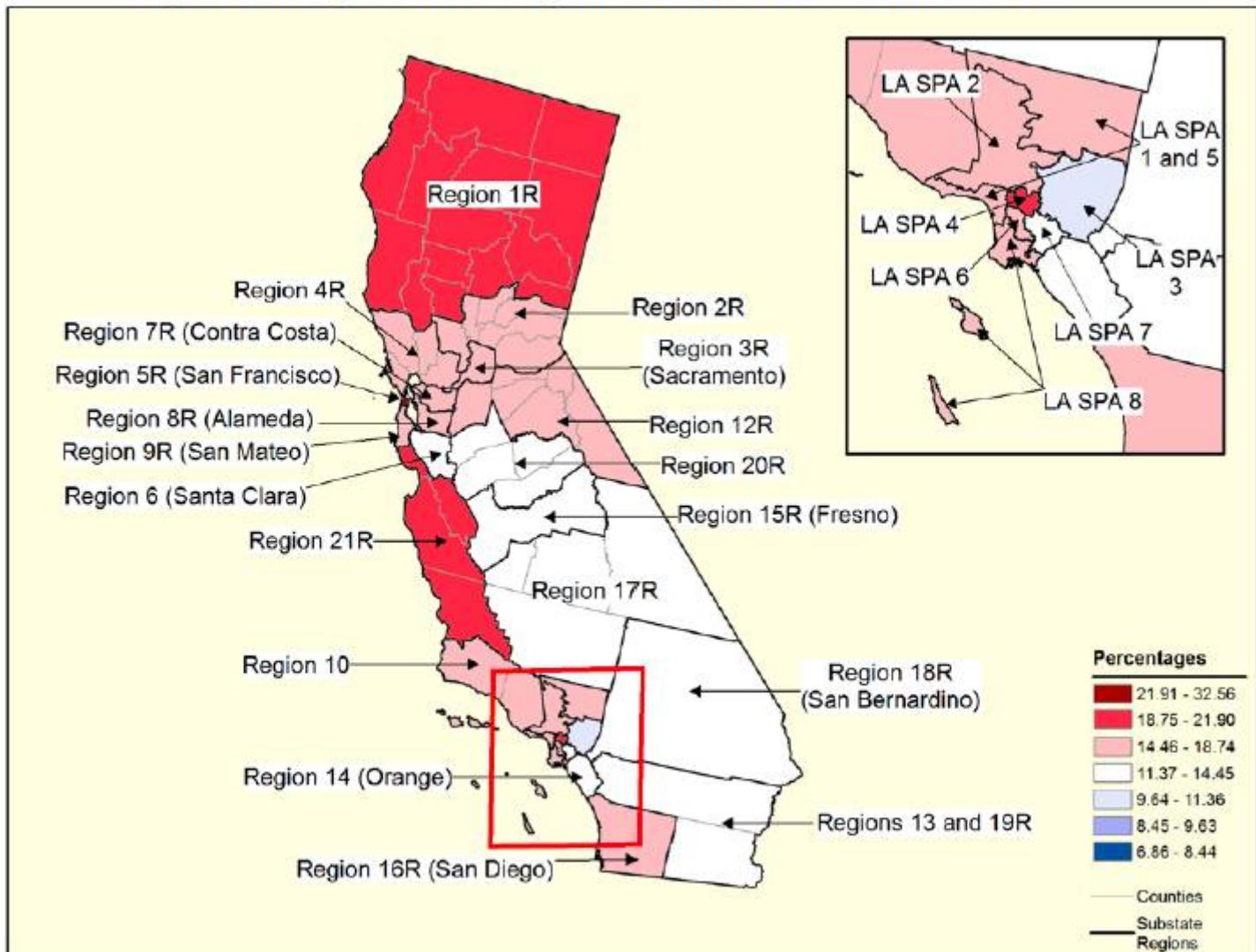


Figure 5.3 Marijuana Use in the Past Month among Persons Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs



THC Use LYear 2014-2016

Figure 5.1 Marijuana Use in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs

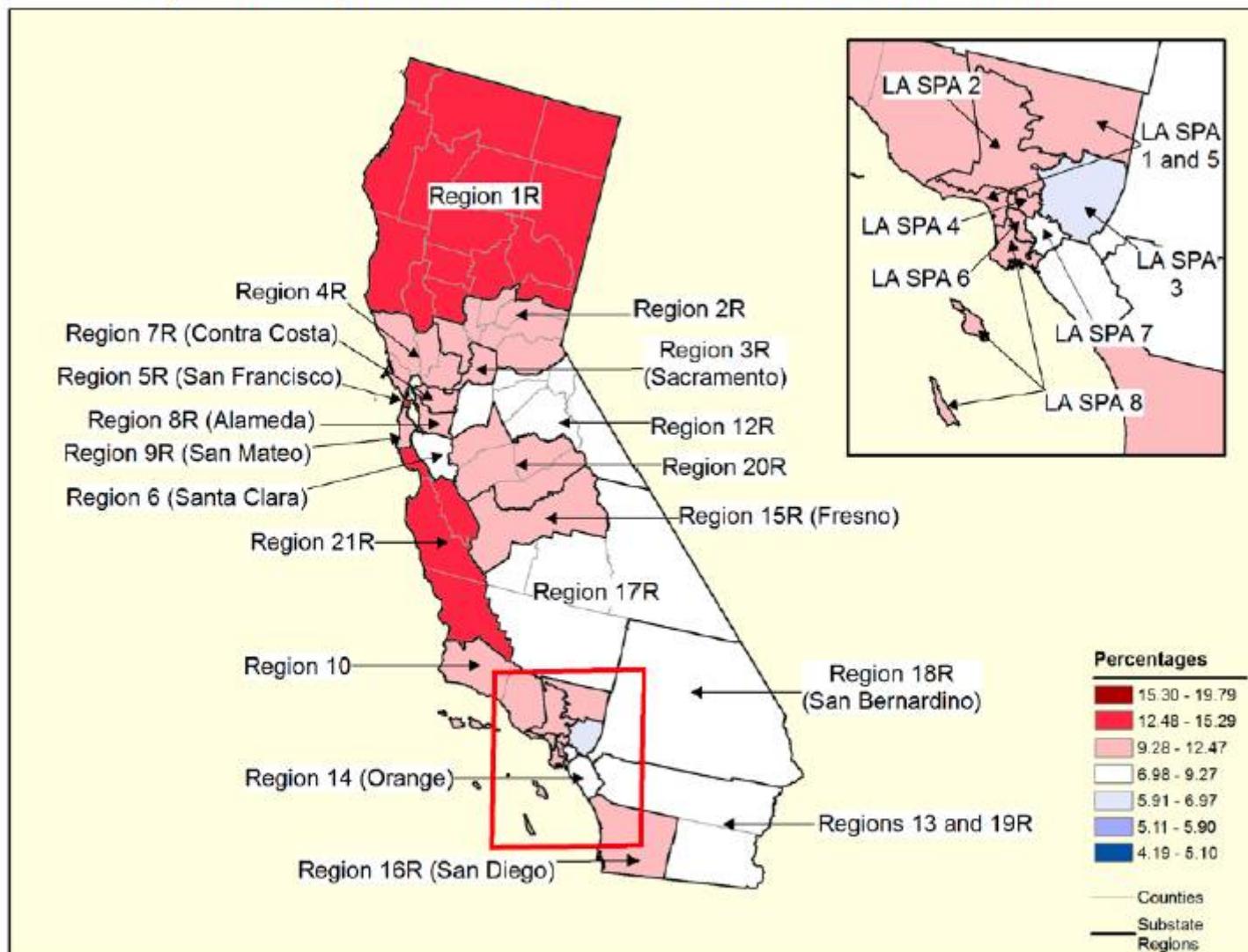


NOTE: The legend's ranges were created by dividing 395 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

LMonth 2014-2016

Figure 5.2 Marijuana Use in the Past Month among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs

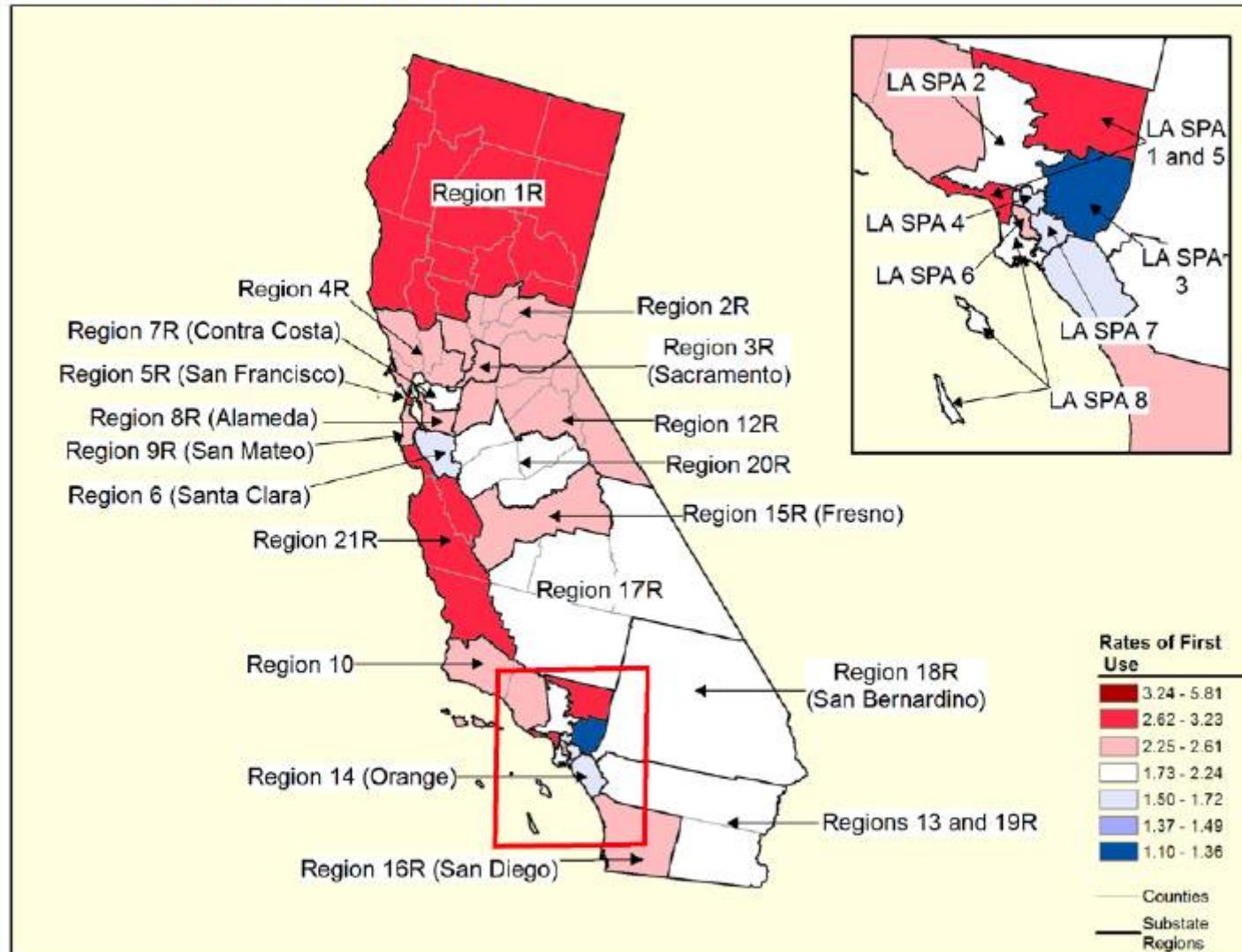


NOTE: The legend's ranges were created by dividing 395 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

First Use 2014-2016

Figure 5.3 First Use of Marijuana among Individuals Aged 12 or Older in California, by Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Base on 2014, 2015, and 2016 NSDUHs

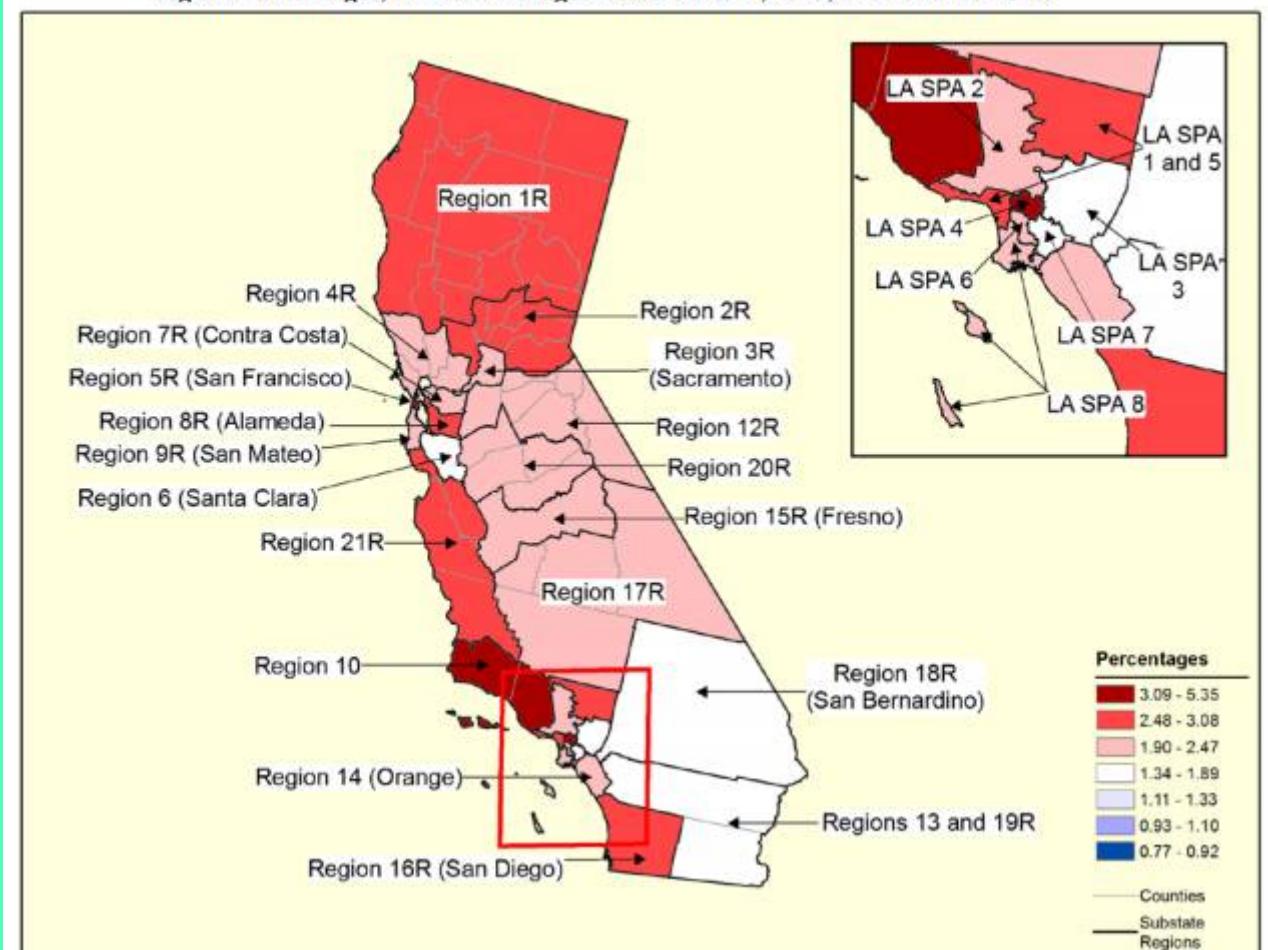


NOTE: The legend's ranges were created by dividing 395 substate regions, nationally, into 7 groups based on the magnitude of their percentage. For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

Cocaine

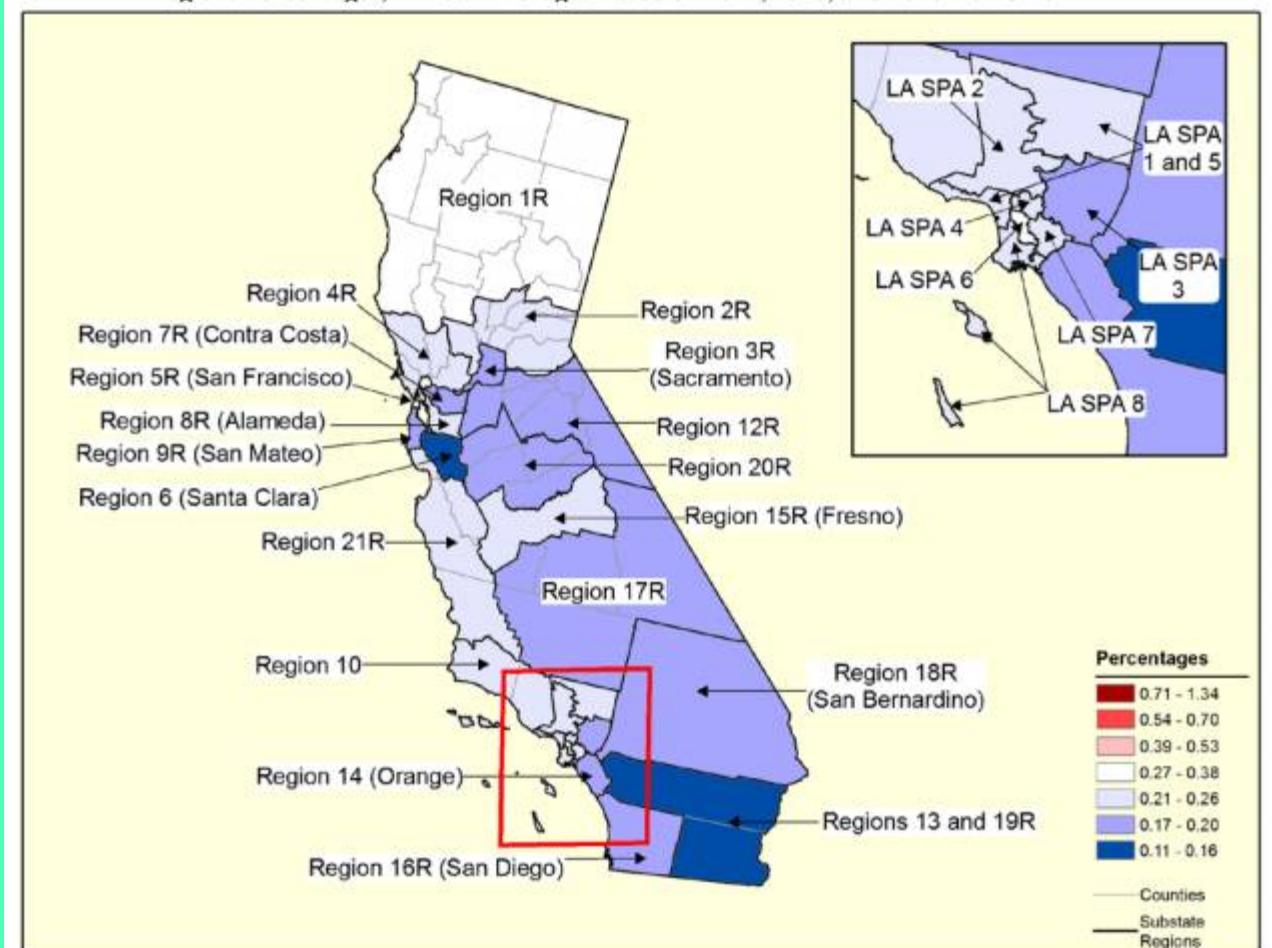
Figure 5.4 Cocaine Use in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



<https://www.samhsa.gov/sites/data/sites/default/files/cbhsq-reports/NSDUHsubstateStateTabs2016A/NSDUHsubstateCalifornia2016.pdf>

Heroin

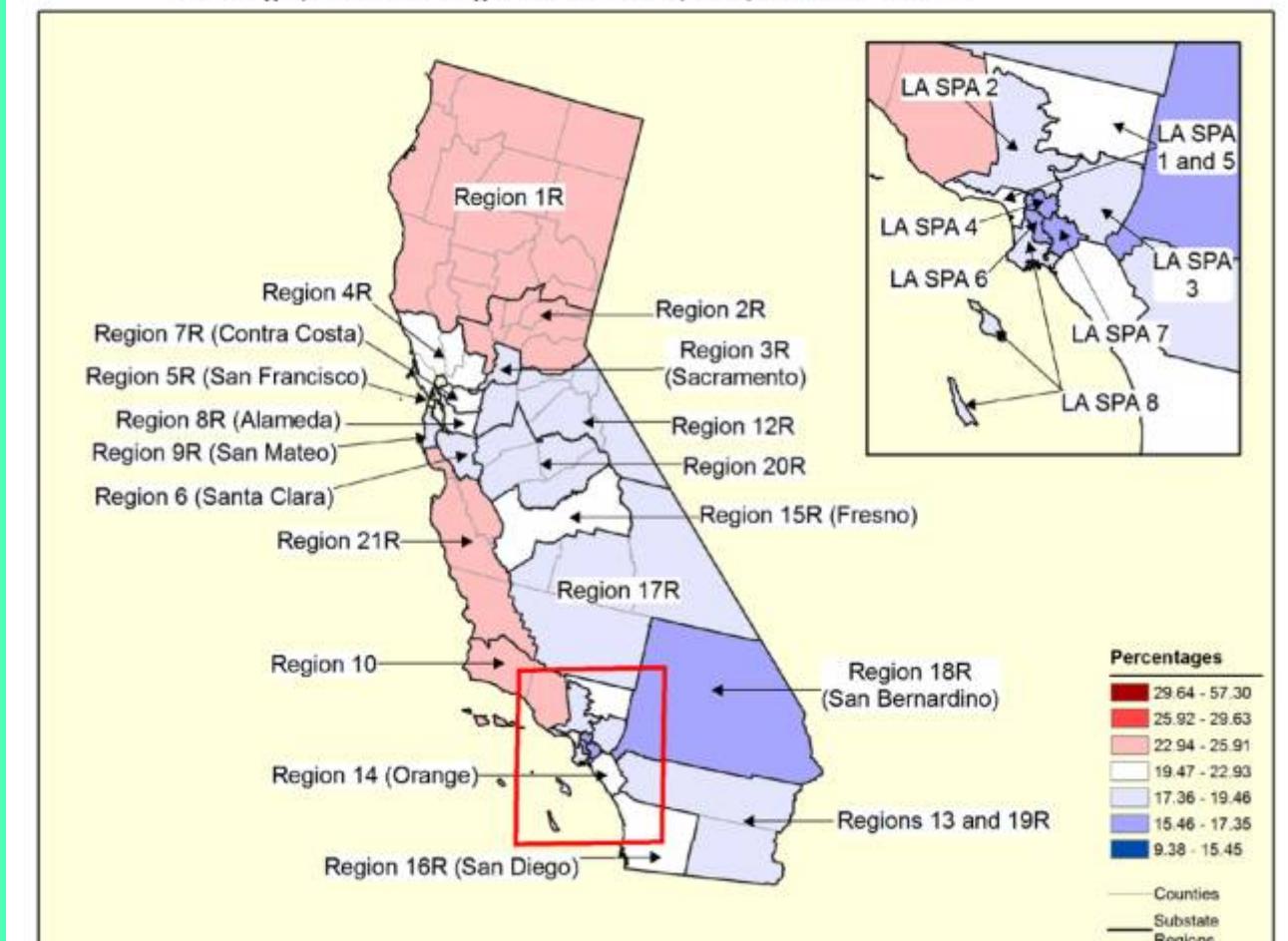
Figure 5.5 Heroin Use in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



<https://www.samhsa.gov/sites/data/sites/default/files/cbhsq-reports/NSDUHsubstateStateTabs2016A/NSDUHsubstateCalifornia2016.pdf>

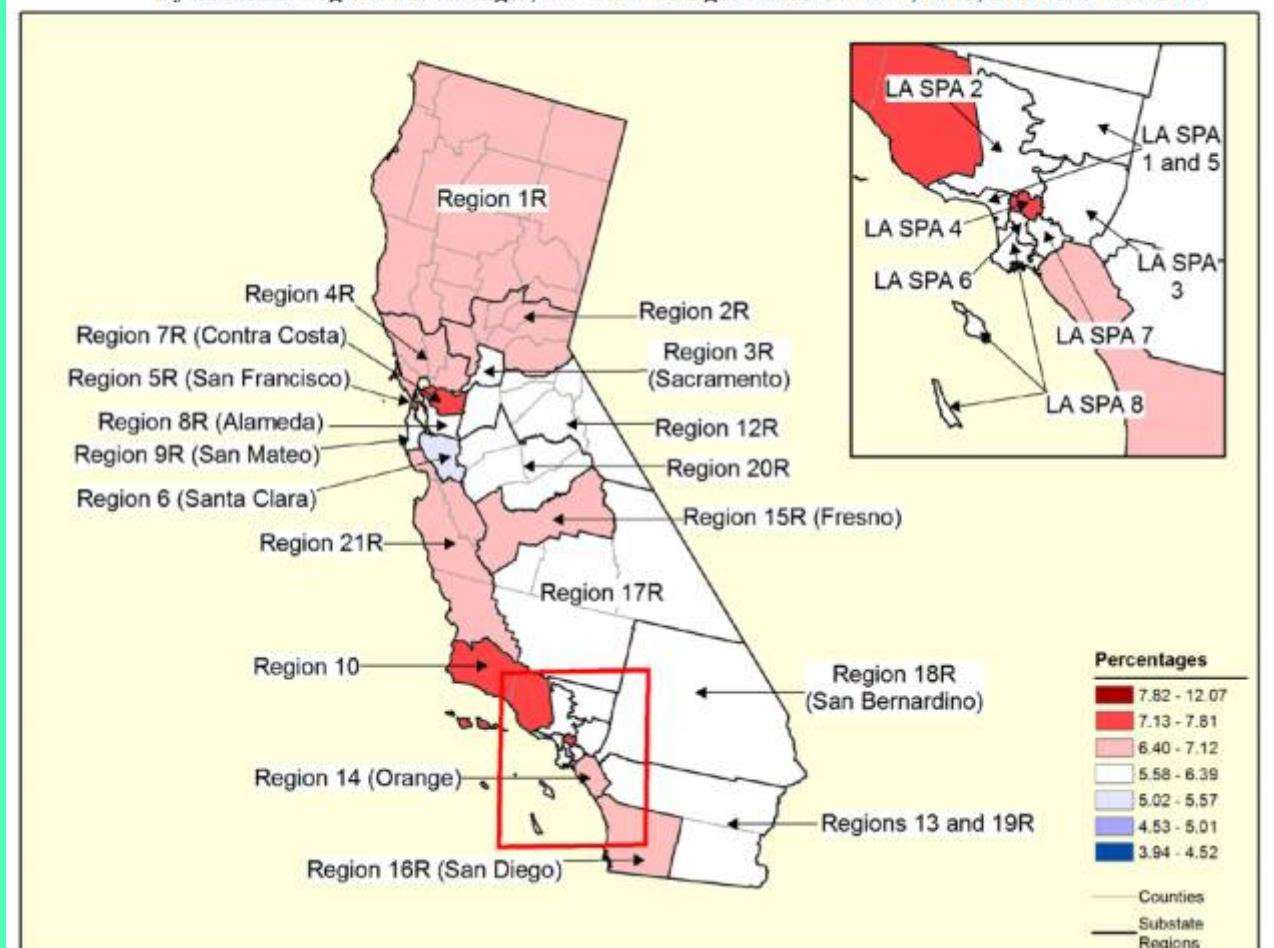
Alcohol

Figure 5.7 Alcohol Use in the Past Month among Individuals Aged 12 to 20 in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



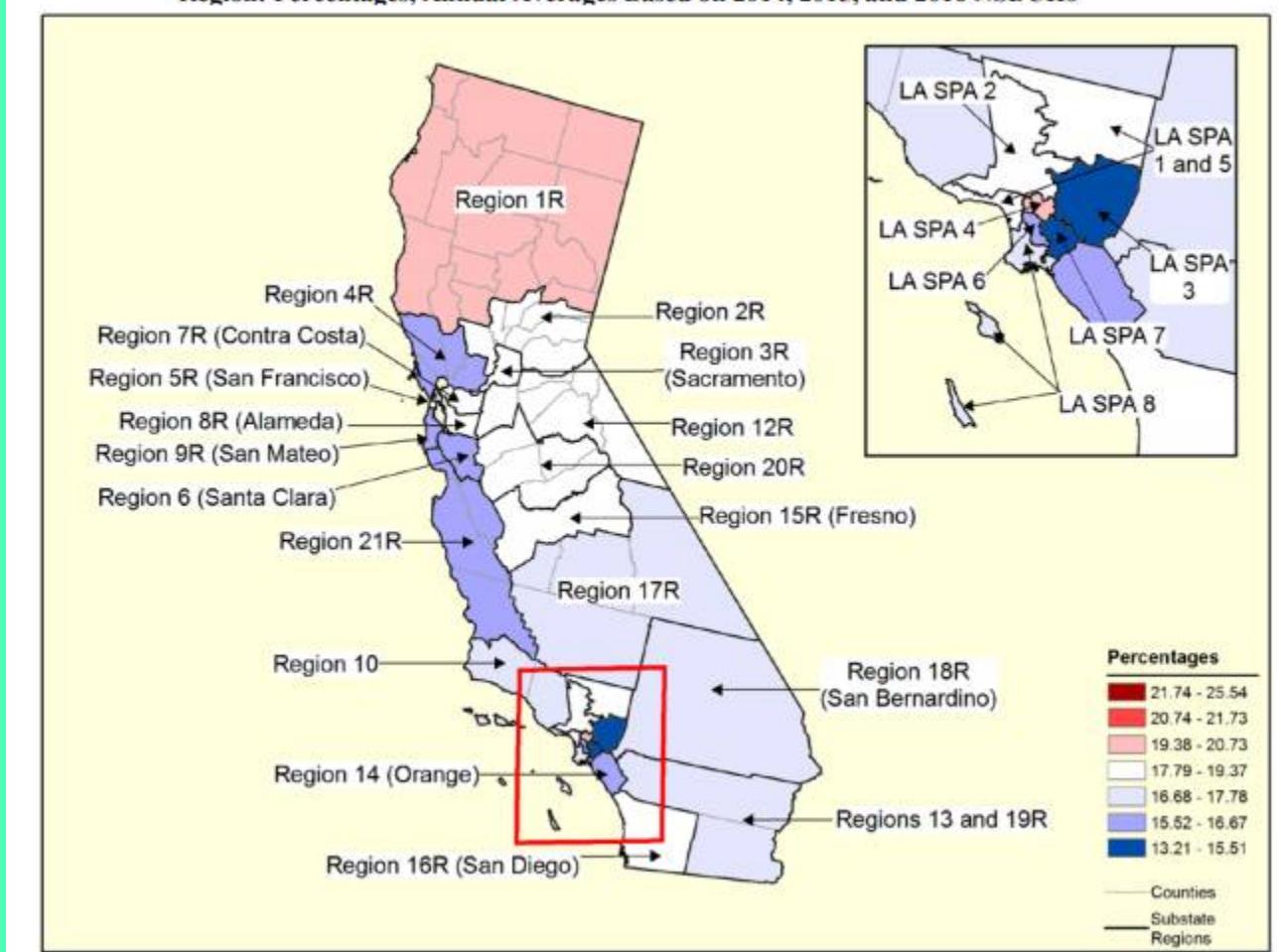
Alcoholism LYear

Figure 5.10 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



Any Mental Illness

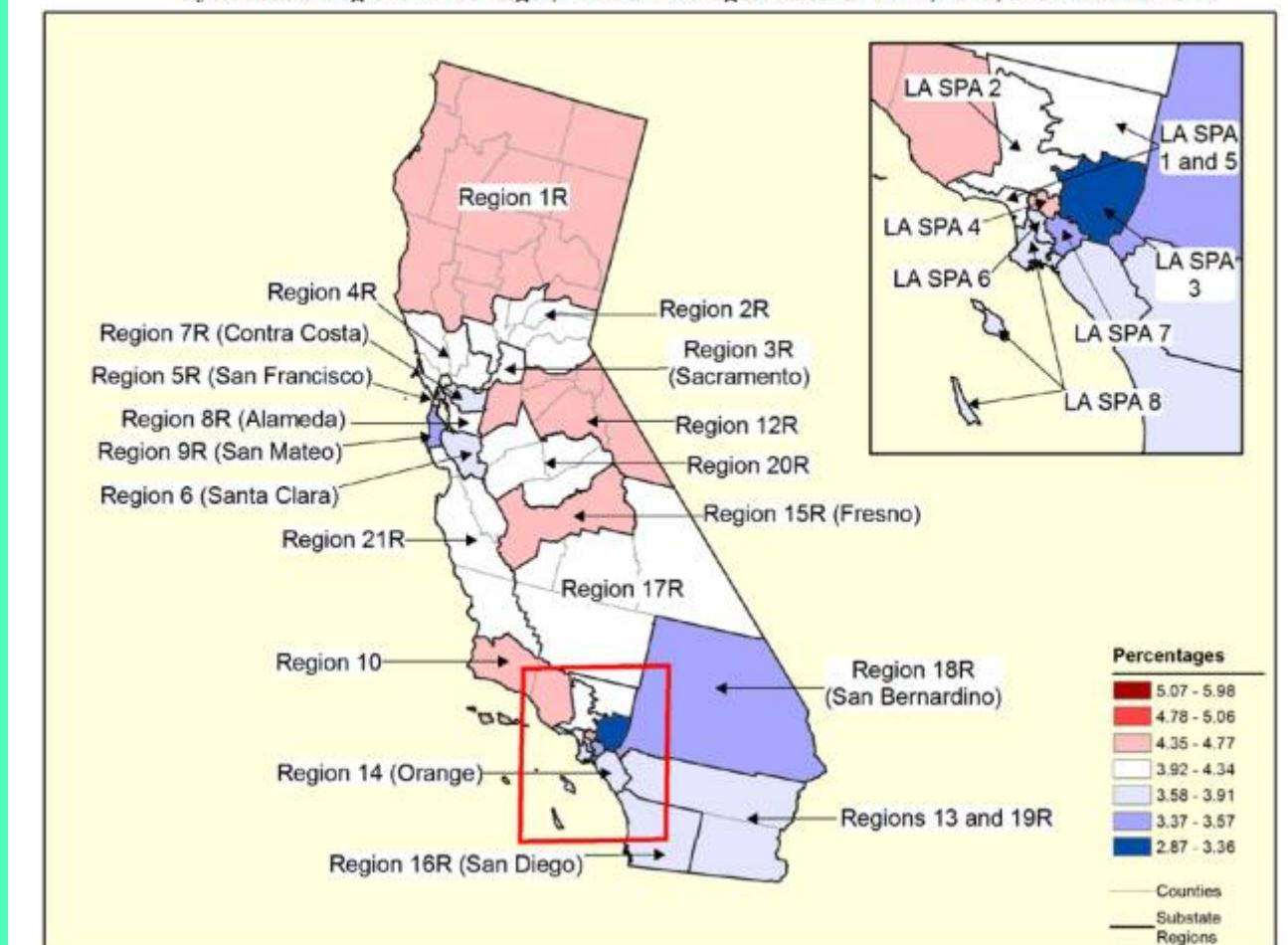
Figure 5.12 Any Mental Illness in the Past Year among Adults Aged 18 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



<https://www.samhsa.gov/sites/data/sites/default/files/cbhsq-reports/NSDUHsubstateStateTabs2016A/NSDUHsubstateCalifornia2016.pdf>

Suicidal Thoughts

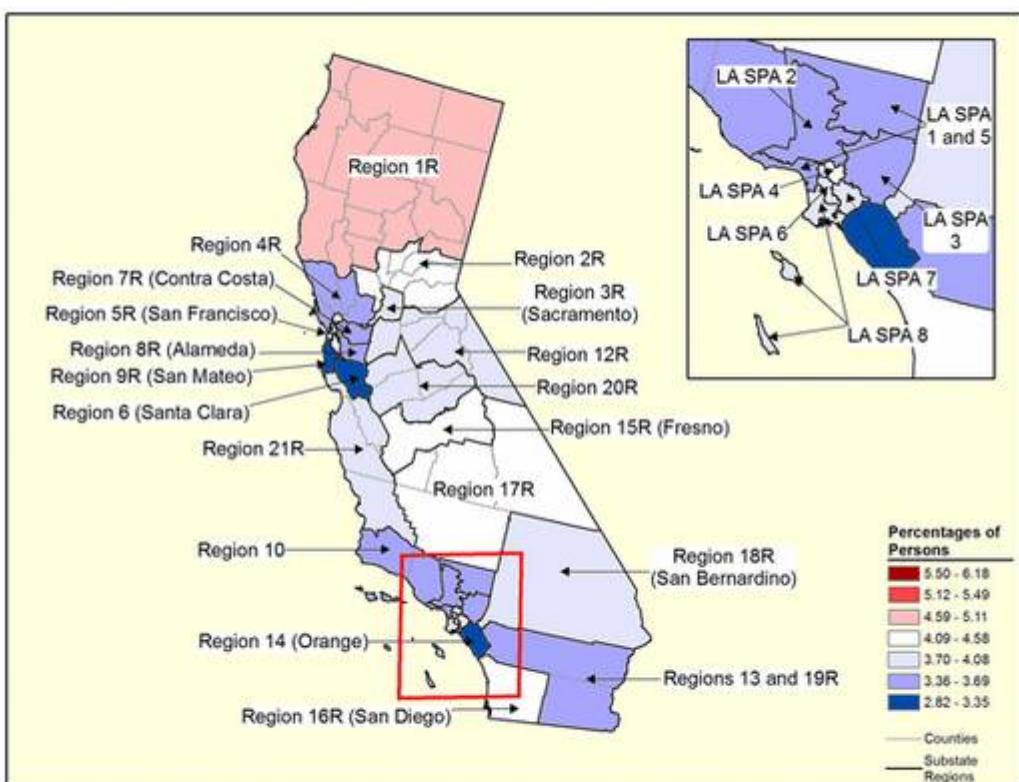
Figure 5.14 Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



<https://www.samhsa.gov/sites/data/sites/default/files/cbhsq-reports/NSDUHsubstateStateTabs2016A/NSDUHsubstateCalifornia2016.pdf>

2012-2014 Serious Mental Illness

Figure 5.24 Serious Mental Illness in the Past Year among Adults Aged 18 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



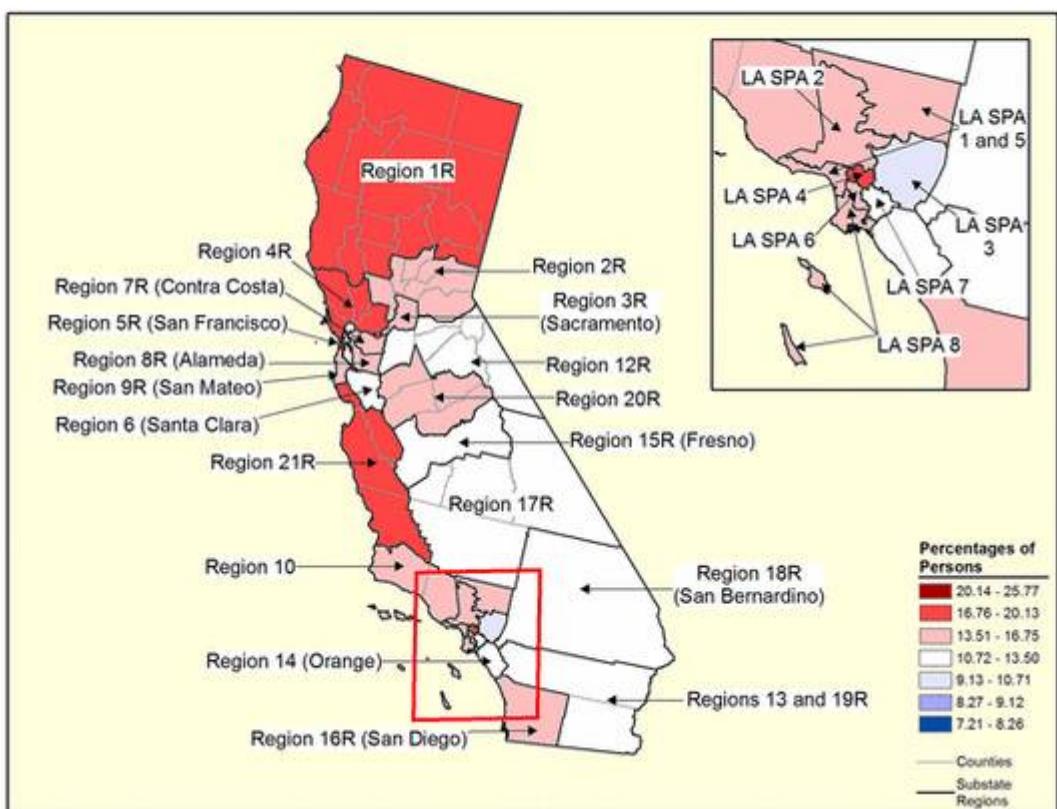
D

NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

LYear 2012-2014

Figure 5.2 Marijuana Use in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs

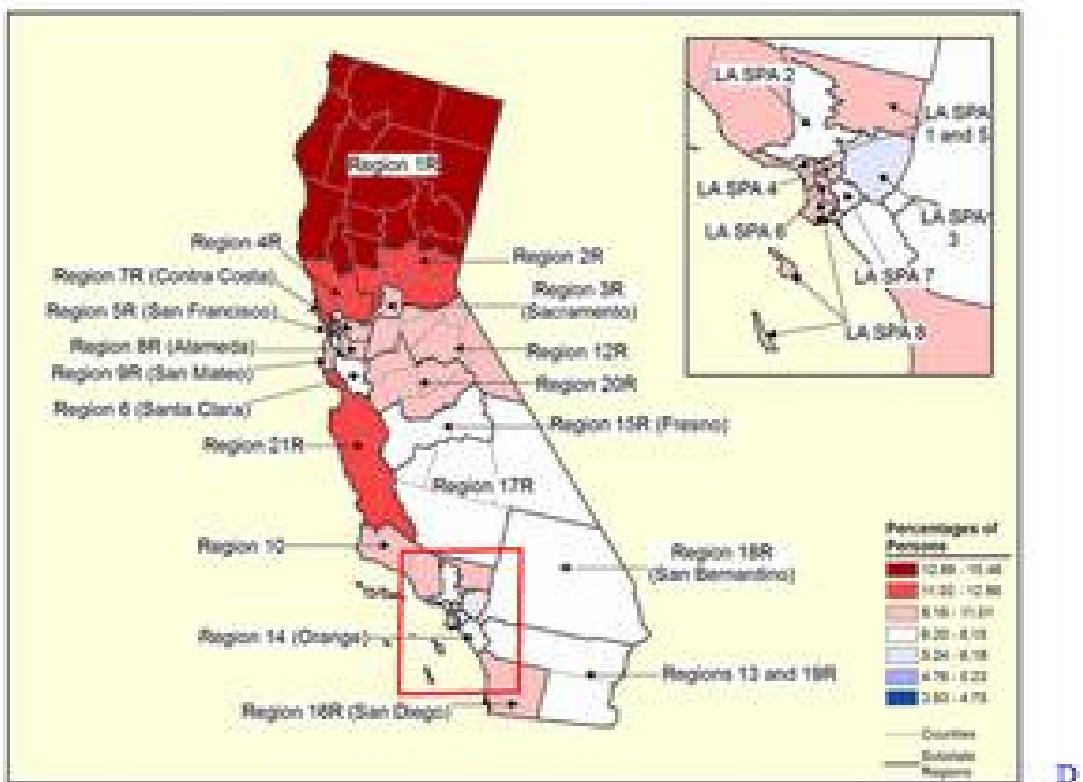


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<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

LMonth

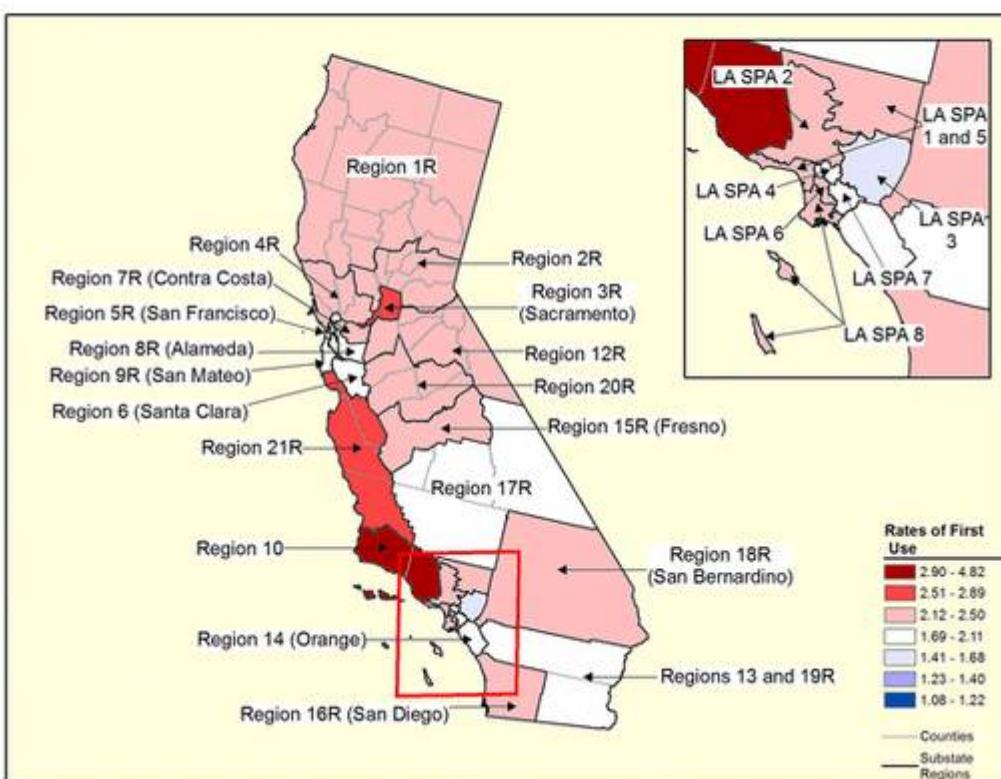
Figure 5.3 Marijuana Use in the Past Month among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



<https://www.samhsa.gov/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

First Use

Figure 5.5 First Use of Marijuana among Individuals Aged 12 or Older in California, by Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2012, 2013, and 2014 NSDUHs

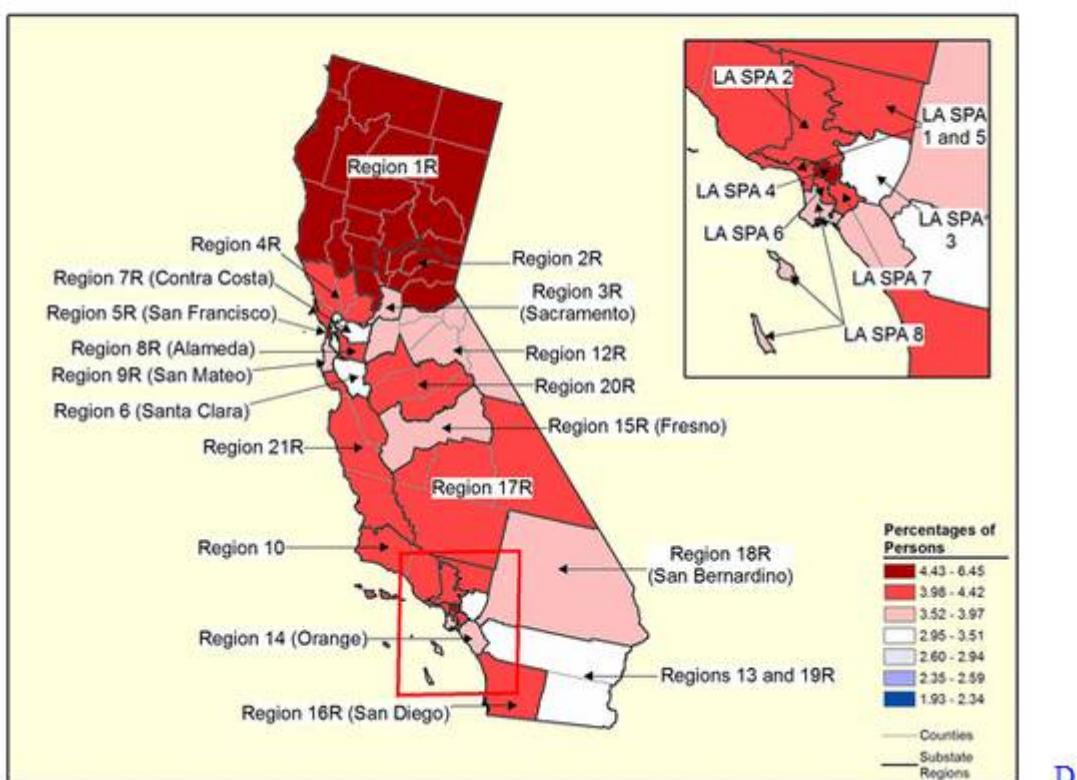


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<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Other Illicit

Figure 5.6 Illicit Drug Use Other Than Marijuana in the Past Month among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs

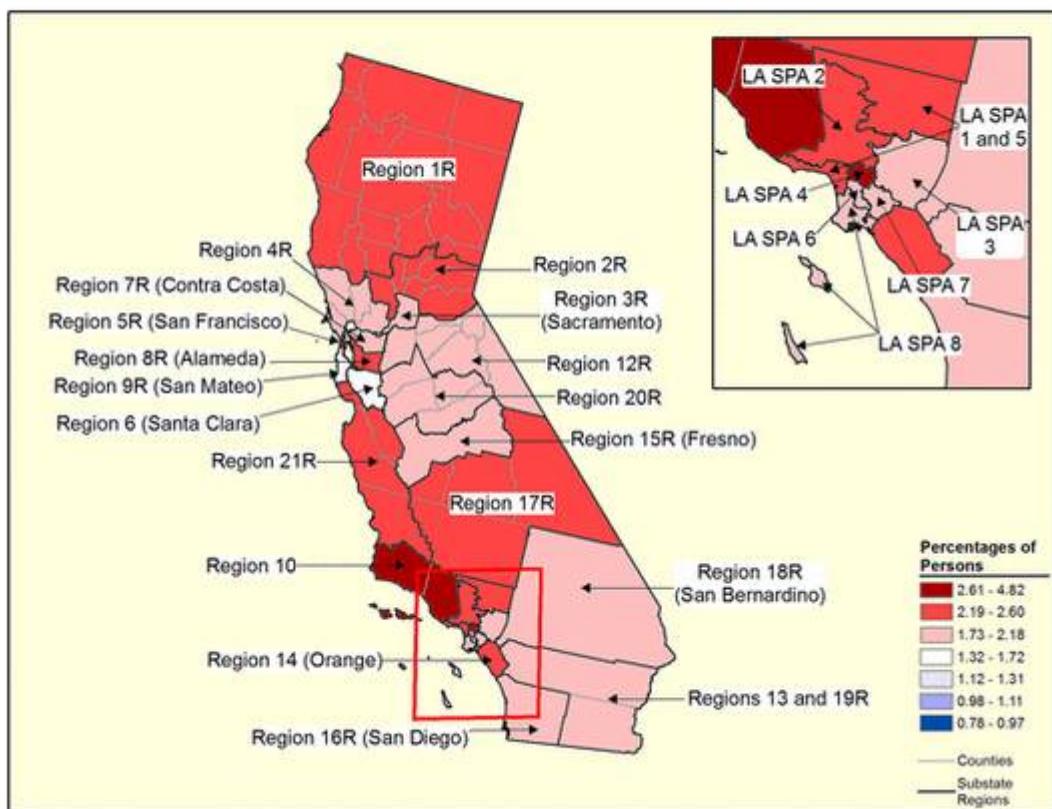


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<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Cocaine

Figure 5.7 Cocaine Use in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs

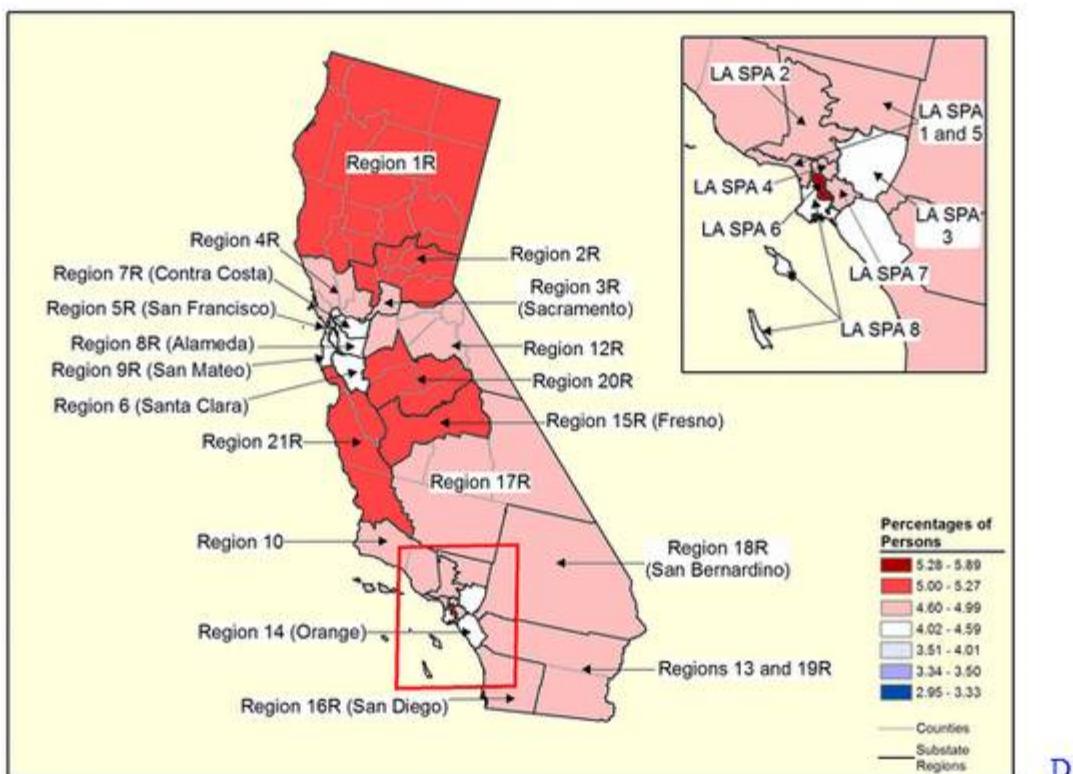


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<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Analgesic Abuse

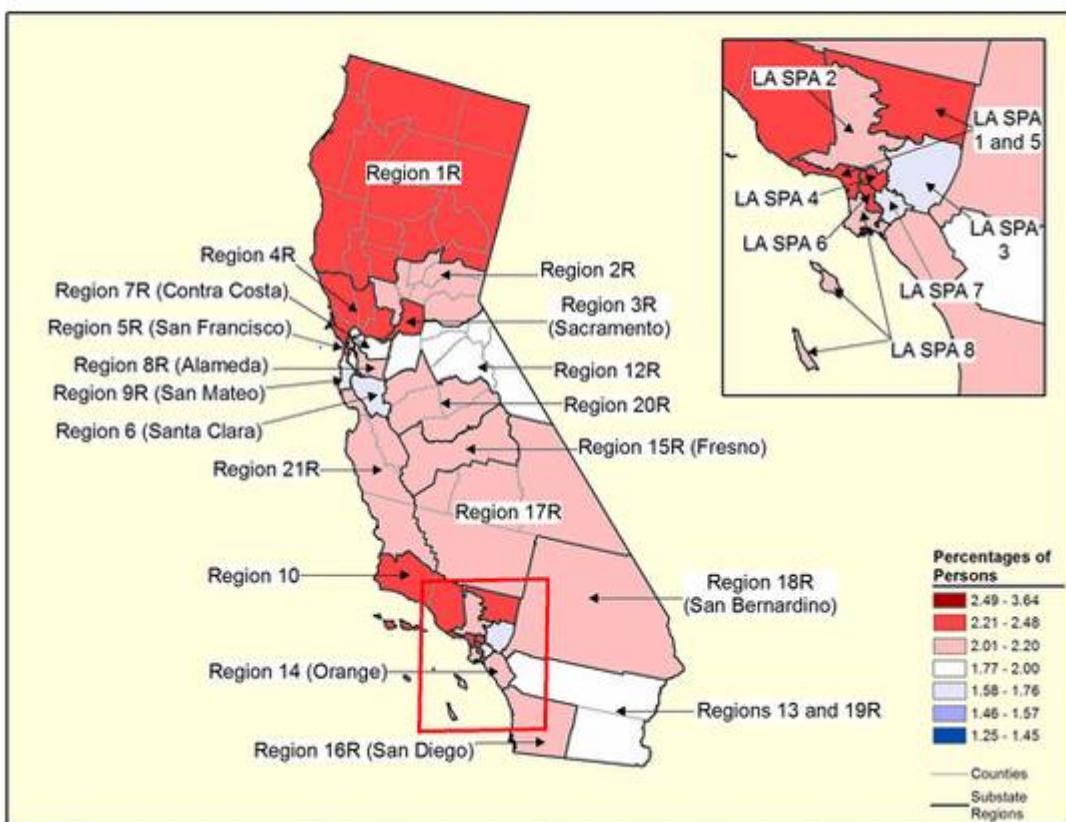
Figure 5.8 Nonmedical Use of Pain Relievers in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Illicit Drug Dependence

Figure 5.20 Illicit Drug Dependence in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs

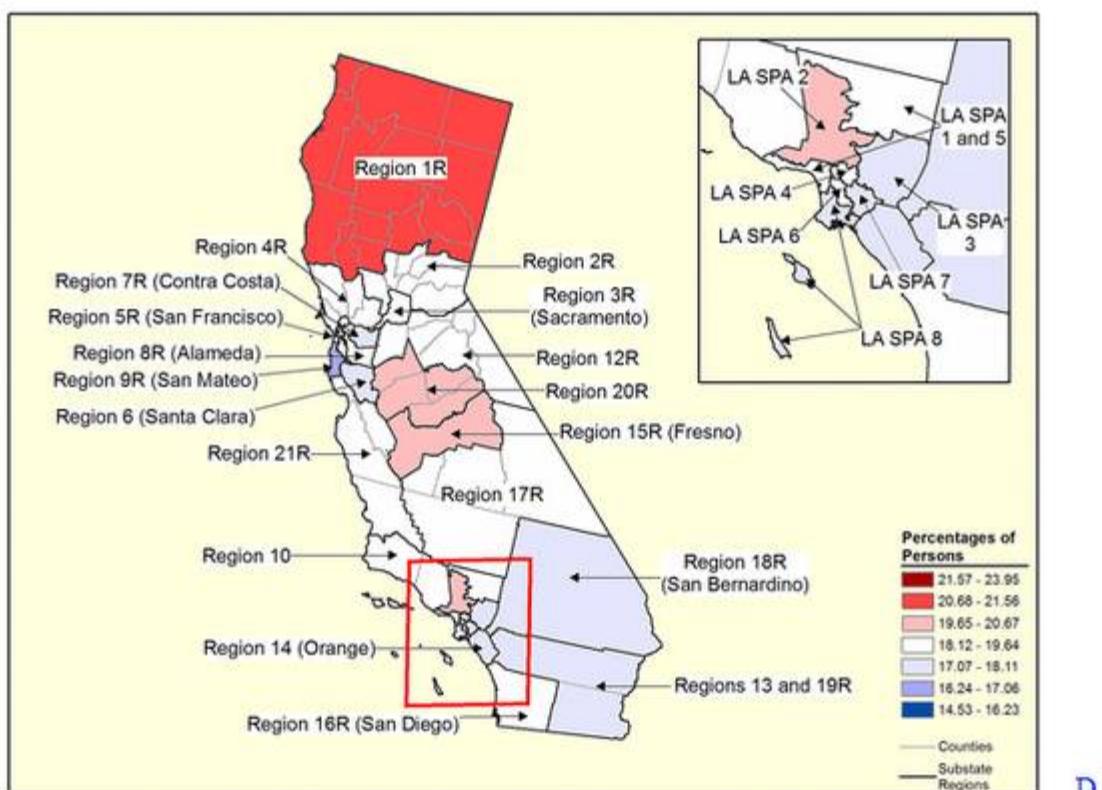


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<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Any Mental Illness

Figure 5.25 Any Mental Illness in the Past Year among Adults Aged 18 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs

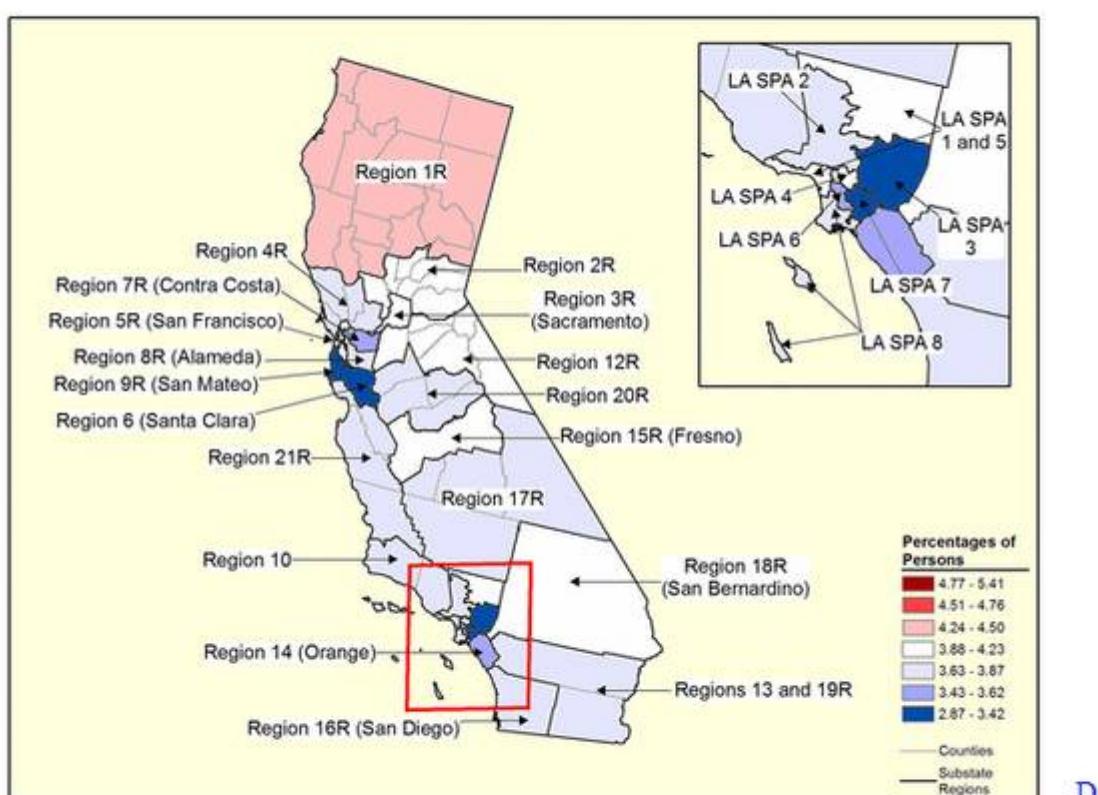


NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Suicide

Figure 5.26 Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



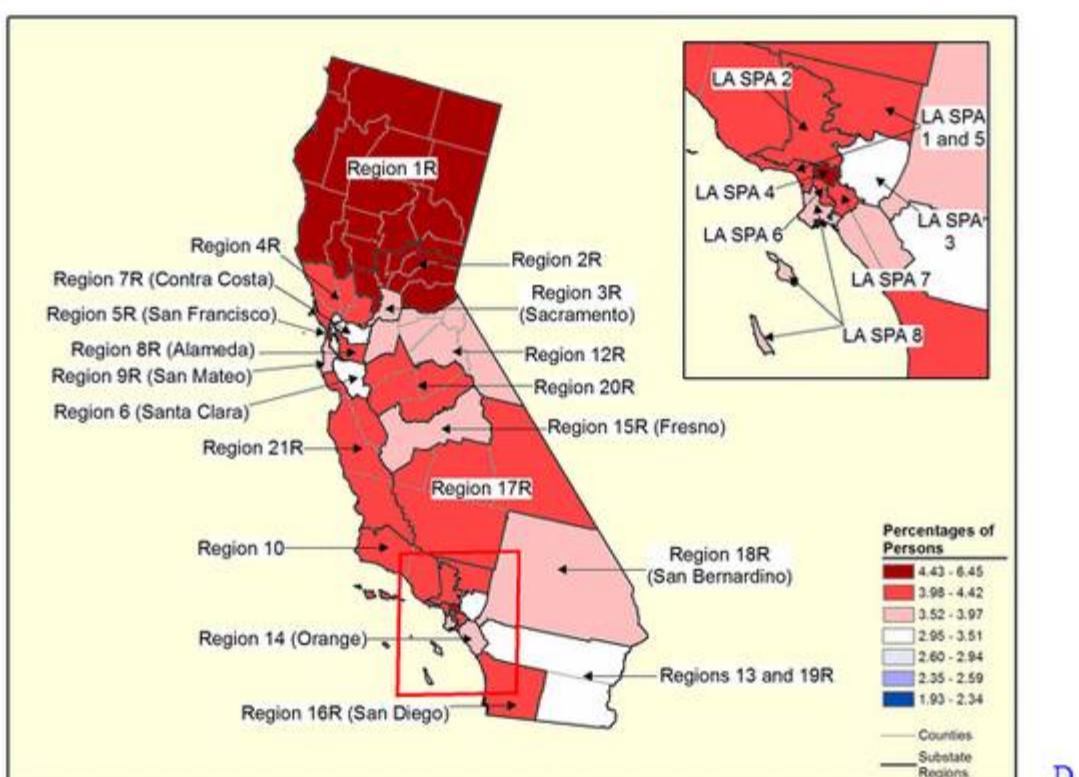
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NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Other Illicit LMonth

Figure 5.6 Illicit Drug Use Other Than Marijuana in the Past Month among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



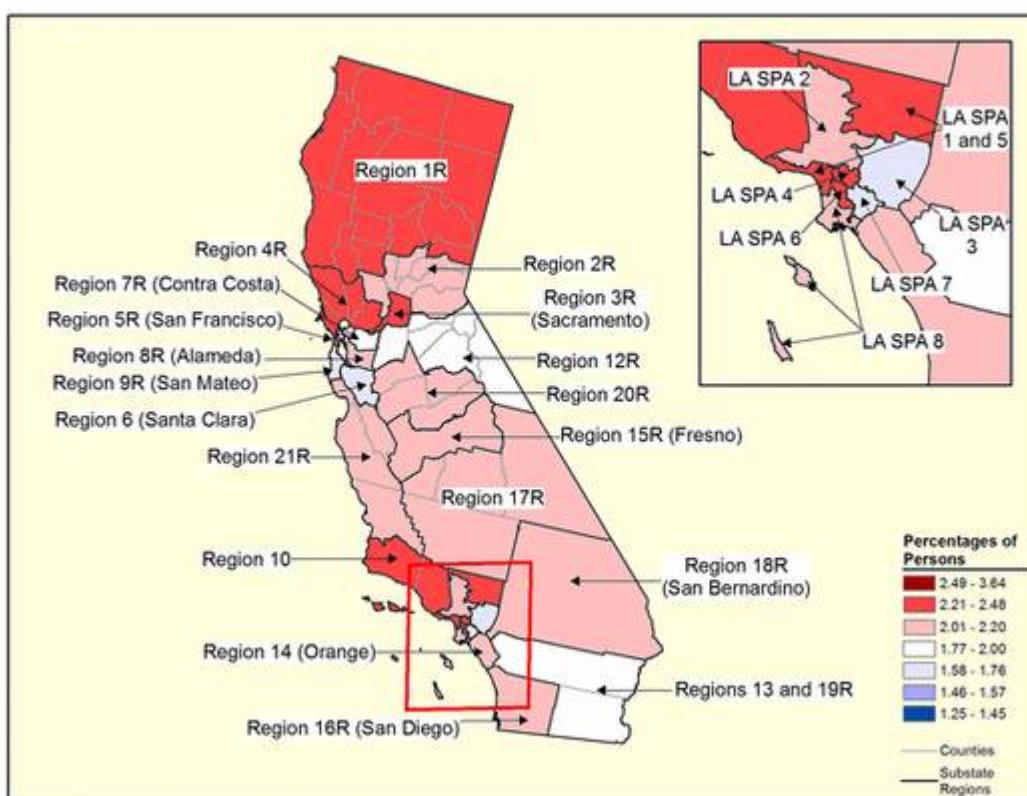
D

NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>. Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Illicit Drug Dependence

Figure 5.20 Illicit Drug Dependence in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



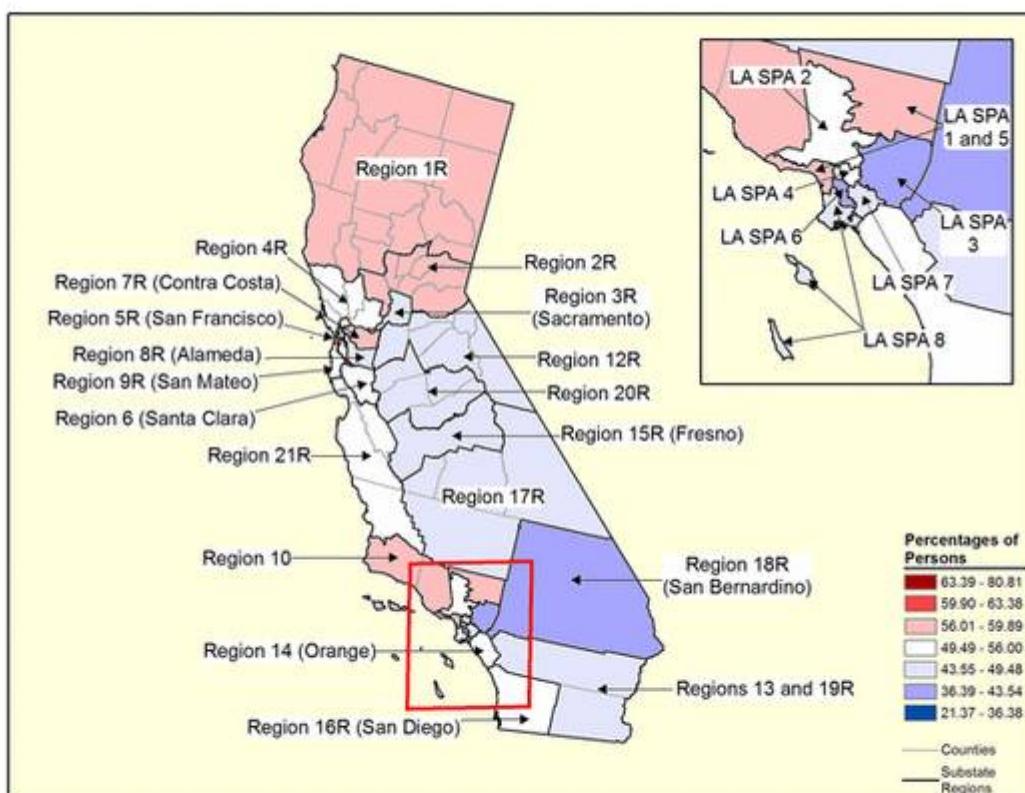
NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

D

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Alcohol LMonth

Figure 5.9 Alcohol Use in the Past Month among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs

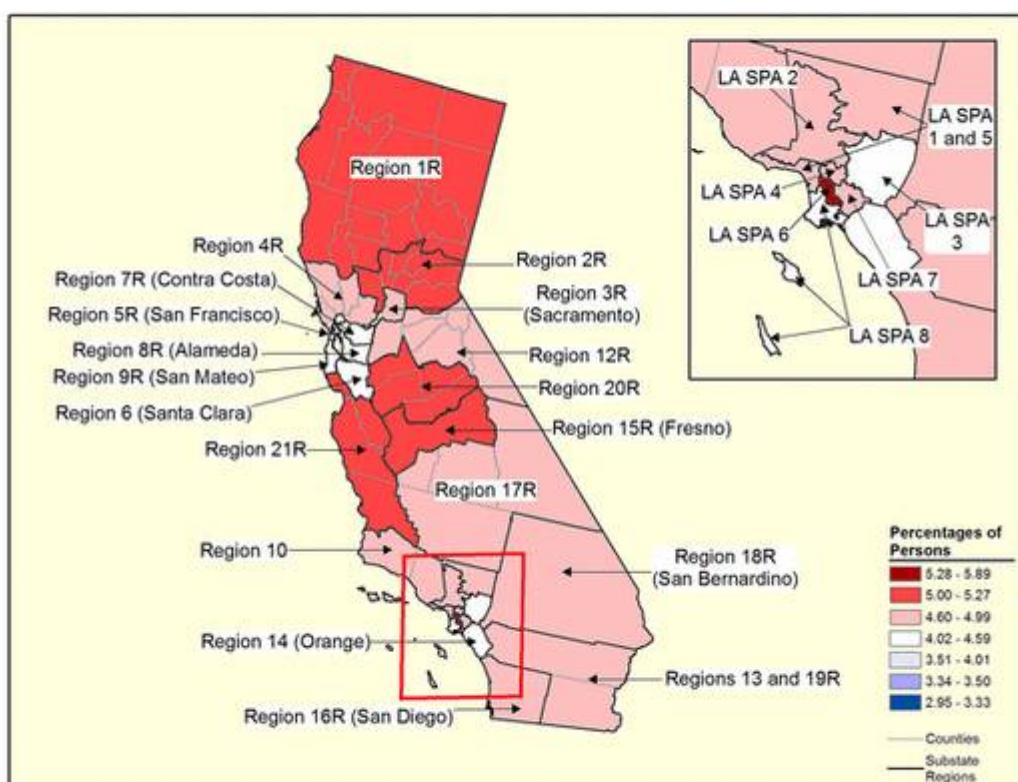


NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Opioid Abuse

Figure 5.8 Nonmedical Use of Pain Relievers in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



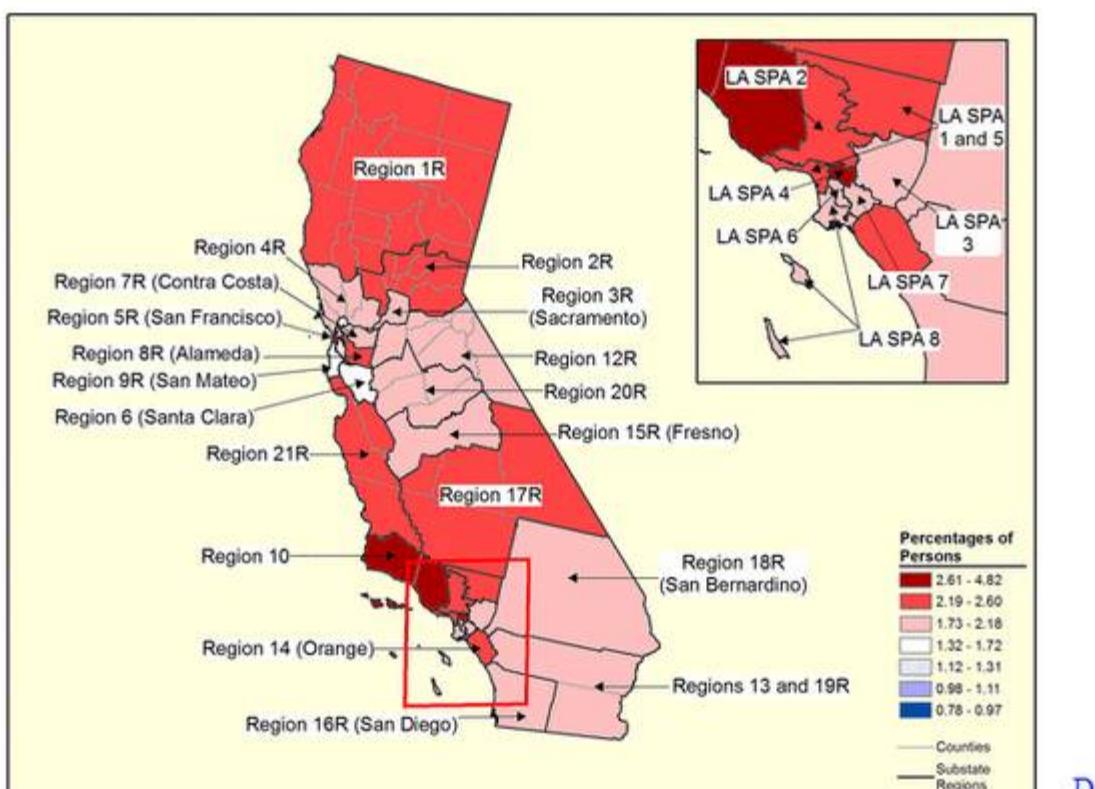
NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>. Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

D

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>

Cocaine

Figure 5.7 Cocaine Use in the Past Year among Individuals Aged 12 or Older in California, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.
Source: SAMHSA. Center for Behavioral Health Statistics and Quality. National Survey on Drug Use and Health. 2012, 2013, and 2014.

<https://www.samhsa.gov/sites/data/sites/default/files/NSDUHsubstateStateTabs2014/NSDUHsubstateSpecificStates2014.htm#tab5.1>