

Chronic Hepatitis C - Cases and Rates of Newly Reported Cases*, California, 1994–2018**

Year	N Total	Rate	N Confirmed	N Probable
1994	1,123	3.6	1123	0
1995	3,819	12.0	3819	0
1996	5,292	16.6	5291	1
1997	10,940	33.7	10940	0
1998	17,176	52.3	17176	0
1999	33,574	100.5	33574	0
2000	37,460	110.2	37460	0
2001	36,180	104.8	36180	0
2002	32,362	92.6	32362	0
2003	28,472	80.5	28470	2
2004	31,917	89.3	31917	0
2005	22,495	62.5	22495	0
2006	27,987	77.2	27987	0
2007	42,488	116.2	41734	754
2008	48,110	130.5	47510	600
2009	41,347	111.5	40705	642
2010	34,631	92.8	34587	44
2011	30,634	81.3	30450	184
2012	23,819	62.6	23086	733
2013	23,153	60.3	22785	368
2014	33,390	86.2	32664	726
2015	35,426	90.7	33698	1,728
2016	38,380	97.6	27182	11,198
2017	39,114	98.7	26601	12,513
2018	35,448	89.0	20462	14,986

* Including cases in state prisons.

** Cases with a report date of December 31, 2018 or earlier, and reported to California Department of Public Health as of December 10, 2019.

Notes: • Rates are per 100,000 population.

- A total of 714,737 confirmed and probable chronic hepatitis C infections were reported from 1994-2018. This does not represent the total number of people living with chronic hepatitis C in California. Additional analysis is needed to determine how many reported chronic hepatitis C cases are currently living.
- Probable and confirmed classifications are based on the Council of State and Territorial Epidemiologists (CSTE) case definition current at the year of report.

Source: California Department of Public Health, Sexually Transmitted Diseases (STD) Control Branch, Office of Viral Hepatitis Prevention

Chronic Hepatitis C - Cases and Rates of Newly Reported Cases by Gender and Age, California, 2014-2018

	2014 Cases ²	2014 Rate ¹	2016 Cases ²	2016 Rate ¹	2018 Cases ²	2018 Rate ¹	Change in Rate from 2014 to 2018 ³
TOTAL CASES AMONG ALL GENDERS	33,390	86.2	38,380	97.6	35,448	89.0	3%
Total Cases Among Young Adults & Adolescents (Ages 15-39)	8,482	62.1	12,215	89.0	12,373	89.9	45%
Female Total Across All Ages	11,621	60	14,099	71	13,219	66	11%
Females Ages 0-14	72	1.9	80	2.1	69	1.9	0%
Females Ages 15-19	134	9.7	210	15.4	177	13.1	35%
Females Ages 20-29	1,230	46.4	1,948	73.0	1,873	69.1	49%
Females Ages 30-39	1,245	47.5	1,984	75.6	1,816	69.7	47%
Females Ages 40-49	1,692	65.2	1,767	68.6	1,619	63.2	-3%
Females Ages 50-59	3,673	141.2	3,677	141.2	3,103	120.3	-15%
Females Ages 60+	3,532	90.7	4,384	104.7	4,521	101.1	11%
Females Age Not Specified	43	-	49	-	41	-	-
Male Total Across All Ages	21,652	112	24,033	123	21,894	110	-2%
Males Ages 0-14	86	2.2	102	2.6	67	1.7	-23%
Males Ages 15-19	150	10.4	228	15.9	211	14.8	42%
Males Ages 20-29	2,736	95.4	3,930	135.9	4,318	147.3	54%
Males Ages 30-39	2,987	110.5	3,915	143.3	3,978	145.5	32%
Males Ages 40-49	3,574	136.9	3,380	130.6	2,778	107.7	-21%
Males Ages 50-59	6,405	254.4	5,922	233.4	4,320	171.2	-33%
Males Ages 60+	5,622	174.8	6,425	184.7	5,995	160.6	-8%
Males Age Not Specified	92	-	131	-	227	-	-
Total Gender Not Specified	105	-	239	-	324	-	-

¹ Overall county rates were calculated using mid-year (July 1) California Department of Finance county population estimates for each year.

² Case counts for California include transgender chronic hepatitis C cases. Transgender cases are not reflected in totals for male cases, female cases or cases for which gender was unknown. Rates were not calculated for transgender persons because information on transgender identity is not consistently collected. There were 39 transgender cases reported for the years 2014-2018.

³ Positive percent changes in rates of newly reported chronic hepatitis C from 2014-2018 that exceed the statewide change in rate are highlighted red.

Notes: • Includes cases of chronic hepatitis C infection reported to California Department of Public Health as confirmed or probable based on the Council of State and Territorial Epidemiologists (CSTE) case definition current during the year of case report.

• Rates are per 100,000 population.

• Dash (-) indicates when a rate was not calculated.

• These data do NOT measure prevalence or incidence of chronic viral hepatitis infections in California due to the asymptomatic nature of chronic hepatitis C infections, varied levels of completeness of surveillance reporting, and because it remains unknown how many of the cases described in this report are currently living.

Source: California Department of Public Health, Sexually Transmitted Diseases (STD) Control Branch, Office of Viral Hepatitis Prevention

Chronic Hepatitis C - Cases and Proportions of Newly Reported Cases by Race/Ethnicity, California, 2014-2018

RACE/ETHNICITY	2014 Cases	2014 Percent	2014 Percent of Known ¹	2014 Percent of California Population ¹	2016 Cases	2016 Percent	2016 Percent of Known ¹	2016 Percent of California Population ¹	2018 Cases	2018 Percent	2018 Percent of Known ¹	2018 Percent of California Population ¹
American Indian/Alaska Native	107	0%	1%	0%	119	0%	1%	0%	101	0%	1%	0%
Asian/Pacific Islander	374	1%	5%	14%	779	2%	7%	14%	781	2%	8%	14%
African American/Black	1,033	3%	13%	6%	1,492	4%	13%	6%	1,150	3%	11%	6%
Hispanic/Latino	1,820	5%	22%	40%	2,668	7%	23%	40%	2,564	7%	25%	41%
White	4,878	15%	59%	40%	6,630	17%	57%	40%	5,788	16%	56%	39%
Other, Multiple, and Unknown	25,178	75%	-	-	26,692	70%	-	-	25,064	71%	-	-

¹ Percent calculations for race/ethnicity excluding individuals for whom age or race/ethnicity was "Unknown", "Other," or "Multiple Races" from the denominator. Caution should be used when interpreting percentages by race/ethnicity, since race/ethnicity information was not reported for the majority of chronic viral hepatitis cases.

Notes: • Includes cases of chronic hepatitis C infection reported to California Department of Public Health as confirmed or probable based on the Council of State and Territorial Epidemiologists (CSTE) case definition current during the year of case report.

* Rates by race/ethnicity were not calculated since race/ethnicity was not known for the majority of cases.

** These data do NOT measure prevalence or incidence of chronic viral hepatitis infections in California due to the asymptomatic nature of chronic hepatitis C infections, varied levels of completeness of surveillance reporting, and because it remains unknown how many of the cases described in this report are currently living.

Source: California Department of Public Health, Sexually Transmitted Diseases (STD) Control Branch, Office of Viral Hepatitis Prevention

Chronic Hepatitis C - Cases and Rates of Newly Reported Non-Incarcerated Cases by Local Health Jurisdiction and Incarcerated Cases in State Prisons, California, 2014-2018

Local Health Jurisdiction (LHJ)	2014 Cases	2014 Rate	2016 Cases	2016 Rate	2018 Cases	2018 Rate	Change in rate from 2014-2018	Rank in 2018
CALIFORNIA	33,390	86	38,380	98	35,448	89	3%	
State Prisons	3,387	2,808	3,432	2,921	3,892	3,268	16%	
Del Norte	42	172	49	198	63	256	49%	1
Humboldt	260	193	243	179	330	243	26%	2
Lake	74	114	140	217	112	172	51%	3
Trinity	23	169	18	133	23	172	2%	4
Shasta	208	116	270	152	271	152	31%	5
Berkeley	81	68	139	116	185	152	122%	6
Butte	394	176	269	120	340	149	-15%	7
Tuolumne	52	106	75	153	69	142	34%	8
Nevada	118	120	119	121	136	138	15%	9
San Francisco	1,121	131	1,368	157	1,209	136	4%	10
Mendocino	160	181	128	144	119	134	-26%	11
Imperial	156	88	157	88	239	131	48%	12
Kern	828	97	882	101	1,127	127	31%	13
Lassen	56	237	35	152	28	125	-47%	14
Calaveras	40	89	56	125	54	121	36%	15
Siskiyou	70	157	59	133	53	120	-23%	16
Tehama	83	130	62	96	74	115	-12%	17
Sutter	107	110	89	91	111	112	2%	18
Napa	117	83	139	98	157	112	34%	19
Mariposa	32	176	26	144	20	112	-37%	20
Yuba	72	97	105	139	86	111	14%	21
Plumas	31	157	19	97	21	108	-32%	22
Alameda	352	22	1,986	121	1,780	107	386%	23
Sacramento	1,184	81	1,753	117	1,620	106	31%	24
Stanislaus	426	80	589	108	583	105	31%	25
Merced	224	84	225	83	292	104	24%	26
Solano	186	44	445	104	449	104	134%	27
Sonoma	506	102	565	112	514	103	1%	28
Long Beach	510	107	453	95	464	97	-9%	29
San Joaquin	409	57	549	75	733	97	69%	30
Pasadena	109	78	137	97	138	96	23%	31
Santa Cruz	308	113	289	105	262	95	-16%	32
San Luis Obispo	230	85	209	76	239	87	3%	33
Orange	1,602	51	2,635	83	2,776	86	69%	34
San Bernardino	1,479	70	1,678	78	1,820	84	19%	35
Riverside	1,401	61	1,706	73	1,931	80	31%	36
Marin	236	92	241	93	205	79	-14%	37
El Dorado	121	66	105	57	150	79	20%	38

Amador	34	102	35	105	26	77	-24%	39
Kings	82	60	78	57	105	75	24%	40
Madera	97	66	102	68	110	72	10%	41
Glenn	15	52	22	76	21	72	38%	42
Contra Costa	772	70	890	79	795	69	-1%	43
Santa Barbara	303	69	400	89	312	69	0%	44
Ventura	387	46	597	70	582	68	49%	45
Santa Clara	1,402	74	1,315	68	1,255	64	-13%	46
Monterey	218	52	219	51	279	64	24%	47
Yolo	146	69	160	74	140	63	-9%	48
Los Angeles	9,916	98	9,638	94	6,390	62	-37%	49
San Diego	1,819	56	2,308	70	2,069	62	11%	50
Colusa	5		10	44	14	62		51
Tulare	277	60	305	65	284	60	-1%	52
Inyo	11	59	21	113	11	59	1%	53
Placer	268	73	227	60	229	59	-19%	54
Fresno	581	60	737	75	580	58	-4%	55
San Benito	34	59	35	59	26	42	-28%	56
San Mateo	823	109	395	51	311	40	-63%	57
Modoc	9	-	7	-	7	-	-	-
Alpine	0	-	0	-	0	-	-	-
Mono	8	-	6	-	8	-	-	-
Sierra	6	-	4	-	2	-	-	-

* City Health Department numbers are included in their respective county totals.

Notes:

- Rates are per 100,000 population.
- State prison cases were removed from local health jurisdiction totals to be included as a separate category. Rates for state prisons were calculated using the total state prison population.
- Dash (-) indicates the rate was not calculated because the local health jurisdiction reported ten or fewer cases and the relative standard error is 30 percent or greater. Rates for these local health jurisdictions are considered too statistically unreliable for presentation.
- Positive percent changes in rates of newly reported chronic hepatitis C from 2014-2018 that exceed the median percent change across all local health jurisdictions are highlighted red. Caution should be used when interpreting county-specific rates of newly reported cases for counties of population size fewer than 100,000; rates fluctuate widely due to their small population size.

Source: California Department of Public Health, Sexually Transmitted Diseases (STD) Control Branch, Office of Viral Hepatitis Prevention

Chronic Hepatitis C - Cases and Rates of Newly Reported Cases in State Prisons, California, 1994–2018*

Year	N Total	Rate	N Confirmed	N Probable
1994	1	0.8	1	0
1995	32	25.3	32	0
1996	125	91.7	125	0
1997	720	486.9	720	0
1998	1,716	1,130.0	1,716	0
1999	2,930	1,884.3	2,930	0
2000	3,404	2,195.4	3,404	0
2001	4,140	2,680.1	4,140	0
2002	3,534	2,320.1	3,534	0
2003	2,711	1,754.0	2,711	0
2004	2,933	1,847.3	2,933	0
2005	2,712	1,699.3	2,712	0
2006	3,624	2,163.3	3,624	0
2007	5,959	3,572.4	5,957	2
2008	7,721	4,786.5	7,719	2
2009	6,313	4,057.1	6,305	8
2010	5,347	3,492.9	5,347	0
2011	4,111	2,737.0	4,108	3
2012	2,748	2,191.4	2,712	36
2013	3,116	2,526.3	3,104	12
2014	3,387	2,808.3	3,374	13
2015	3,128	2,715.3	3,091	37
2016	3,432	2,920.8	3,057	375
2017	3,507	2,938.9	3,089	418
2018	3,892	3,267.9	3,316	576

*Cases with a report date of December 31, 2018 or earlier, and reported to California Department of Public Health as of December 10, 2019.

Notes: • Rates are per 100,000 population.

• A total of 81,243 confirmed and probable chronic hepatitis C infections in state prisons were reported from 1994-2018. This does not represent the total number of people in California state prisons living with chronic hepatitis C. Additional analysis is needed to determine how many reported chronic hepatitis C cases are currently living and are currently incarcerated.

• Probable and confirmed classifications are based on the Council of State and Territorial Epidemiologists (CSTE) case definition current at the year of report.

Source: California Department of Public Health, Sexually Transmitted Diseases (STD) Control Branch, Office of Viral Hepatitis Prevention

Chronic Hepatitis C - Cases and Rates of Newly Reported Cases in State Prisons by Age, California, 2014-2018

	2014 Cases	2014 Rate ¹	2016 Cases	2016 Rate ¹	2018 Cases	2018 Rate ¹	Change in Rate from 2014 to 2018 ²
TOTAL	3,387	2808.3	3,432	2920.8	3,892	3267.9	16%
YOUNG ADULT & ADOLESCENTS (AGE 15-39)	2,224	3,361	2,491	3,849	3,043	4,710	40%
Age 15-19	24	1,969	39	4,171	30	4,762	142%
Age 20-29	1,172	3,837	1,355	4,557	1,725	5,984	56%
Age 30-39	1,028	2,989	1,097	3,222	1,288	3,664	23%
Age 40-49	599	2,175	457	1,814	488	1,924	-12%
Age 50-59	444	2,283	318	1,681	253	1,328	-42%
Age 60+	109	1,460	162	1,868	104	1,032	-29%
Age Not Specified	1	-	4	-	4	-	-

¹ Rates of newly reported chronic hepatitis C cases among persons incarcerated in state prisons were calculated using data from the California Department of Corrections and Rehabilitation (CDCR). Prison census data are stratified by specific demographic groups (e.g., age, gender and race) from CDCR and include persons incarcerated in state prison institutions, camps, and state hospitals. These data do not include cases reported in local jails, federal prisons, or immigration detention centers.

² Positive percent changes in rates of newly reported chronic hepatitis C from 2014-2018 that exceed change in rate for all cases reported from prison are highlighted red.

Notes: • Rates are per 100,000 population.

- Includes cases of chronic hepatitis C infection reported to California Department of Public Health as confirmed or probable based on the Council of State and Territorial Epidemiologists (CSTE) case definition current during the year of case report.
- Dash (-) indicates when a rate was not calculated.
- These data do NOT measure prevalence or incidence of chronic viral hepatitis infections in California state prisons due to the asymptomatic nature of chronic hepatitis C infections, varied testing practices, and because it remains unknown how many of the cases described in this report are currently living and incarcerated in a state prison.

Source: California Department of Public Health, Sexually Transmitted Diseases (STD) Control Branch, Office of Viral Hepatitis Prevention

Chronic Hepatitis C - Cases and Proportions of Newly Reported Cases in State Prisons by Race/Ethnicity, California, 2014-2018

BY RACE/ETHNICITY	2014 Cases	2014 Percent	2014 Percent of known ¹	2014 California Prison Population Percent ¹	2016 Cases	2016 Percent	2016 Percent of Known ¹	2016 California Prison Population Percent ¹	2018 Cases	2018 Percent	2018 Percent of Known ¹	2018 California Prison Population Percent ¹
American Indian/Alaska Native	14	0%	2%	1%	11	0%	1%	1%	11	0%	1%	1%
Asian/Pacific Islander	4	0%	0%	1%	9	0%	1%	1%	8	0%	1%	1%
African American/Black	72	2%	8%	31%	61	2%	7%	30%	57	1%	6%	30%
Hispanic/Latino	486	14%	54%	42%	533	16%	58%	44%	673	17%	66%	45%
White	326	10%	36%	25%	298	9%	33%	23%	268	7%	26%	23%
Other, Multiple, and Unknown	2,485	73%	-	-	2,520	73%	-	-	2,875	74%	-	-

¹ Percent calculations for race/ethnicity excluding individuals for whom age or race/ethnicity was "Unknown", "Other," or "Multiple Races" from the denominator. Caution should be used when interpreting percentages by race/ethnicity, since race/ethnicity information was not reported for the majority of chronic viral hepatitis cases.

- Notes:
- Includes cases of chronic hepatitis C infection reported to California Department of Public Health as confirmed or probable based on the Council of State and Territorial Epidemiologists (CSTE) case definition current during the year of case report.
 - Rates by race/ethnicity were not calculated since race/ethnicity was not known for the majority of cases.
 - These data do NOT measure prevalence or incidence of chronic viral hepatitis infections in California state prisons due to the asymptomatic nature of chronic hepatitis C infections, varied testing practices, and because it remains unknown how many of the cases described in this report are currently living and incarcerated in a state prison.

Source: California Department of Public Health, Sexually Transmitted Diseases (STD) Control Branch, Office of Viral Hepatitis Prevention