

Alameda County Opioid Indicators, 2009 to 2015

Domain	Source	Health Indicator	Units	2009	2010	2011	2012	2013	2014	2015
Mortality	1	Total Drug Poisoning Deaths	#	147	132	168	134	174	165	NA
		Total Drug Poisoning Mortality Rate	Age-Adjusted Rate Per 100,000	9.2	8.1	10.0	8.0	10.2	9.4	NA
	2	Drug Poisoning Deaths Involving Opioids	#	26	37	44	33	44	52	NA
		Drug Poisoning Involving Opioids Mortality Rate	Age-Adjusted Rate Per 100,000	1.6	2.3	2.5	2.0	2.5	3.0	NA
		Opioid Deaths as a Percentage of All Drug Deaths	%	17.7%	28.0%	26.2%	24.6%	25.3%	31.5%	NA
Emergency Department Visits	3	Total Opioid-Related Emergency Department Visits (non-fatal)	#	1,380	1,420	1,573	1,637	1,816	1,840	NA
		Total Opioid-Related Emergency Department Visit Rate (non-fatal)	Age-Adjusted Rate Per 100,000	86.1	87.1	95.5	100.1	111.5	111.3	NA
		Heroin-Related Emergency Department Visits (non-fatal)	#	26	22	31	46	65	89	NA
		Heroin-Related Emergency Department Visit Rate (non-fatal)	Age-Adjusted Rate Per 100,000	1.6	1.4	1.9	2.9	4.0	5.5	NA
Hospital Visits	4	Total Opioid-Related Inpatient Hospital Visits (non-fatal)	#	531	562	673	652	646	765	NA
		Total Opioid-Related Inpatient Hospital Visit Rate (non-fatal)	Age-Adjusted Rate Per 100,000	33.4	34.7	40.9	39.6	39.2	46.2	NA
Alameda County Behavioral Health Care Services	5	Publicly Funded Drug Treatment Episodes, Heroin	#	1,733	1,467	1,344	1,422	1,736	2,453	2,017
		Publicly Funded Drug Treatment Episodes, Other Opioids	#	357	540	349	427	405	411	284
Alameda County Coroner	6	Prescription Drug Deaths (examined by coroner)	#	NA	NA	NA	NA	NA	NA	118
CURES Prescription Drug Monitoring	7	Opioid Prescriptions per 1,000 Residents (excl buprenorphine)	Rate Per 1,000 Residents	NA	607.0	583.2	589.9	580.9	571.9	536.3
		Hydrocodone (Norco 5mg equivalent) per Resident	Rate Per Resident	NA	4.2	4.0	4.1	3.9	3.7	3.3
		Residents on >40 mg Methadone daily (for ≥30 days) per 1,000 Residents	Rate Per 1,000 Residents	NA	2.0	2.1	2.2	2.0	1.8	1.6
		Residents on Combination Opioids/Benzos (for ≥30 days) per 1,000 Residents	Rate Per 1,000 Residents	NA	5.5	5.7	6.1	6.1	5.9	5.4
		Buprenorphine Prescriptions per 1,000 Residents	Rate Per 1,000 Residents	NA	5.4	5.7	6.5	8.5	8.8	7.5
Alameda County Emergency Medical Services	8	EMS Patients Receiving Naloxone	#	1,115	1,208	1,156	1,046	714	795	725
Alameda County Environmental Health	9	Weight of Medication Collected and Disposed	Pounds	473	2,915	5,317	9,702	12,564	NA	NA
		Number Sites Reporting	#	1	9	18	27	27	NA	NA
		Total Sites	#	10	18	27	29	31	NA	NA
California Healthy Kids Survey	10	Self-Report Use of Prescription Painkillers, Tranquilizers, and Sedatives, 9th Grade	%		12.0% ¹¹		13.7% ¹²		10.5% ¹³	
		Self-Report Use of Prescription Painkillers, Tranquilizers, and Sedatives, 11th Grade	%		14.8% ¹¹		16.0% ¹²		12.0% ¹³	

Sources and Notes

¹CDC Wonder, Underlying Cause of Death files; ICD-10 codes X40-X44, X60-X64, X85, Y10-Y14

²CDC Wonder, Multiple Cause of Death files; ICD-10 codes T40.0 (opium), T40.1 (heroin), T40.2 (other opioids), T40.3 (methadone), T40.4 (other synthetic narcotics such as fentanyl and tramadol), T40.6 (other and unspecified narcotics) among drug poisoning deaths.

³Office of Statewide Health Planning & Development (OSHPD) emergency department files, ICD-9 codes for opioid or heroin abuse, dependence, poisoning*

⁴Office of Statewide Health Planning & Development (OSHPD) patient discharge data files, ICD-9 codes for opioid abuse, dependence, poisoning*

⁵Drug treatment episodes paid for by Alameda County Behavioral Health Care Services

⁶Alameda County Coroner in collaboration with U.S. Drug Enforcement Agency

⁷California Department of Justice data obtained from California Health Care Foundation, CURES data

⁸Alameda County Emergency Medical Services (does not include data from other first responders)

⁹Alameda County Environmental Health; Alameda County Health Care Services Agency

¹⁰California Healthy Kids Survey (CHKS)

¹¹Administered during 2009-2010 school year

¹²Administered during 2011-2013 cycle

¹³Administered during 2013-2015 cycle

* ICD-9 codes for abuse and dependence: 304.0 (opioid-type dependence), 304.7 (opioid-type dependence with other drugs), 305.5 (non-dependent opioid abuse); ICD-9 codes and E-codes for overdose/poisoning: 965.00 (opium), 965.01 (heroin), 965.02 (methadone), 965.09 (other, codeine, morphine, etc.), E850.0 (accidental poisoning), E850.1 (methadone), E850.2 (other opiates)