

Department of Health and Human Services
Office of Analytics

Opioid Poisonings, State of Nevada, by Year, 2010 – 2018*

From 2010 to 2018*, of all the emergency department (ED) encounters due to drug overdose, 17% were for opioid poisoning. Similarly, of the inpatient (IP) admissions due to drug overdose, 23% were for opioid poisoning. Based on ICD diagnosis codes, opioid poisoning includes opium, heroin, methadone and other opiates/narcotics (prescription drugs). Most ED encounters and IP admissions related to opioid poisonings, are from prescription drugs. Heroin and prescription drugs poisonings have increased over the reported 9-year period, 2010 - 2018*.

Opioid Poisoning: Hospital Emergency Department (ED) and Inpatient Admissions (IP)

Drug	Heroin		Methadone		Opium		Other Opioids and Narcotics	
	ED	IP	ED	IP	ED	IP	ED	IP
2010	136	61	54	85	76	92	593	459
2011	158	59	53	67	95	117	585	532
2012	154	50	36	62	89	116	582	496
2013	172	79	29	59	102	136	532	528
2014	233	59	32	47	115	156	488	478
2015	272	78	36	58	93	109	456	453
2016	297	81	20	43	3	4	474	458
2017	317	84	30	41	2	0	484	412
2018*	341	103	20	28	2	3	371	352
Percent Change (2010 - 2018*)	151%	69%	-63%	-67%	-97%	-97%	-37%	-23%

*Data are preliminary, subject to changes.

Note: In October 2015, ICD-10-CM codes were implemented. Previous to October 2015, ICD-9-CM codes were used for medical billing. Therefore, 2015 data consists of two distinct coding schemes, ICD-9-CM and ICD-10-CM respectively. Due to this change in coding schemes, hospital billing data from October 2015 forward September not be directly comparable to previous data.

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Opioid Poisonings, State of Nevada, by County, 2010 – 2018*

Increases in the number of opioid related poisonings, resulting in ED encounters, have occurred throughout the state between 2010 and 2018*, except for Churchill, Clark, Douglas, Lyon, Nye and White Pine Counties. The percentage rate change increased for Clark County by -32% and increased by 62% for Washoe County, for this same time period.

Inpatient visits, from 2010 – 2018*, for opioid-related poisonings have decreased in all Nevada counties, except for Churchill, Douglas and Lyon Counties. The percentage rate of decrease, during this same time period, for Clark County is -32% and -13% for Washoe County.

Note: Caution should be used when reviewing rates for counties with small counts and population. For statistical reliability, for example, Humboldt County rates increase over 100% while counts are less than 10.

Opioid Poisoning: Hospital Emergency Department (ED) and Inpatient Admissions (IP)

Year	2010				2018*				2010 - 2018	
	Emergency		Inpatient		Emergency		Inpatient		ED	IP
County	N	Rate	N	Rate	N	Rate	N	Rate	%Chg	%Chg
Carson City	9	16.3	10	18.1	17	30.4	9	16.1	87%	-11%
Churchill	6	23.9	4	16.0	2	7.7	5	19.4	-68%	21%
Clark	611	31.2	421	21.5	539	24.1	327	14.6	-23%	-32%
Douglas	8	17.0	3	6.4	2	4.1	8	16.4	-76%	157%
Elko	3	6.1	7	14.3	8	14.9	4	7.5	143%	-48%
Esmeralda	-	-	-	-	-	-	-	-	-	-
Eureka	-	-	1	47.1	-	-	-	0.0	-	-100%
Humboldt	1	6.0	4	24.1	5	29.6	4	23.7	392%	-2%
Lander	-	0.0	-	0.0	1	16.3	1	16.3	0%	0%
Lincoln	-	0.0	1	18.6	3	59.1	-	0.0	0%	-100%
Lyon	16	30.6	12	23.0	4	7.2	14	25.3	-76%	10%
Mineral	1	21.0	2	42.0	1	21.7	-	0.0	3%	-100%
Nye	40	91.0	18	40.9	9	19.2	5	10.7	-79%	-74%
Pershing	-	0.0	2	29.5	1	15.0	1	15.0	0%	-49%
Storey	-	-	1	24.9	-	-	-	0.0	-	-100%
Washoe	78	18.7	111	26.6	138	30.3	105	23.0	62%	-13%
White Pine	5	49.5	2	19.8	2	18.6	-	0.0	-62%	-100%

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*Data Source: Hospital Billing
Primary Diagnosis Codes: 965.0, E850.0 – E850.2 (ICD-9-CM), T40.0 – T40.4 and T40.6 (ICD-10-CM)
Data provided by LBK, June 2019*