

# Health Assessment and Evaluation

Data and Reports

# Opioid Hospitalizations

in Clark County, 2017

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**CLARK COUNTY** WASHINGTON  
PUBLIC HEALTH

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# Data and Reports

## Opioid Hospitalizations

### Acknowledgements

This report was prepared by Clark County Public Health's Health Assessment and Evaluation team .

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### Data Sources and Technical Notes

Data Source: Washington State Department of Health, Center for Health Statistics, WA Hospital Discharge Data, Comprehensive Hospitalizations Abstract Reporting System (CHARS), 2006-2017

ICD codes used:

*Unintentional Opioid-Related Hospitalizations* includes hospitalizations with ICD-10 codes for: accidental opioid poisoning (T400X1A, T400X1D, T400X1S, T401X1A, T401X1D, T401X1S, T402X1A, T402X1D, T402X1S, T403X1A, T403X1D, T403X1S, T404X1A, T404X1D, T404X1S, T40601A, T40601D, T40601S, T40691A, T40691D, T40691S), opioid abuse (F11.1), opioid dependence (F11.2), unspecified opioid use (F11.9), OR ICD-9 codes for: opioid dependence (340.0, 304.7) opioid abuse (305.5), opioid poisoning (965.0, 965.00, 965.01, 965.01, 965.09) in any of the first 9 diagnosis fields, OR ICD-9 codes (E850.0, E850.1, E850.2) in any external cause field. Excludes those who died before discharge and opioid-related hospitalizations due to suicide (E950-E959), homicide (E960-E969) or undetermined intent (E980-E989),

*Opioid Overdose Hospitalizations (all intents)* includes hospitalizations with ICD-10 codes for poisoning by opium (T40.0X), poisoning by heroin (T40.1X), poisoning by other opioids (T40.2X), poisoning by methadone (T40.3X), poisoning by synthetic narcotics (T40.4X), poisoning by unspecified narcotics (T40.60), or poisoning by other narcotics (T40.69) in any diagnosis field, OR ICD-9 codes for poisoning by opium (965.00), poisoning by methadone (965.02), poisoning by other opiates and related narcotics (965.09), or poisoning by heroin (965.01) in the principal diagnosis field, OR ICD-9 codes for accidental poisoning by methadone (E850.1), accidental poisoning by other opiates and related narcotics (E850.2), or accidental poisoning by heroin (E850.0) in an external cause or diagnosis field. Hospitalizations from out-of-state hospitals, federal hospitals, rehabilitation center, and psychiatric hospitals, and those who died before discharge are excluded from the numbers. The encounters are limited to initial encounter or missing encounter. Includes all intents.

Notes: ICD-9 codes used from 2006-2014 and Q1-3 of 2015. ICD-10 codes used from Q4 of 2015-2017.

### For Other Formats

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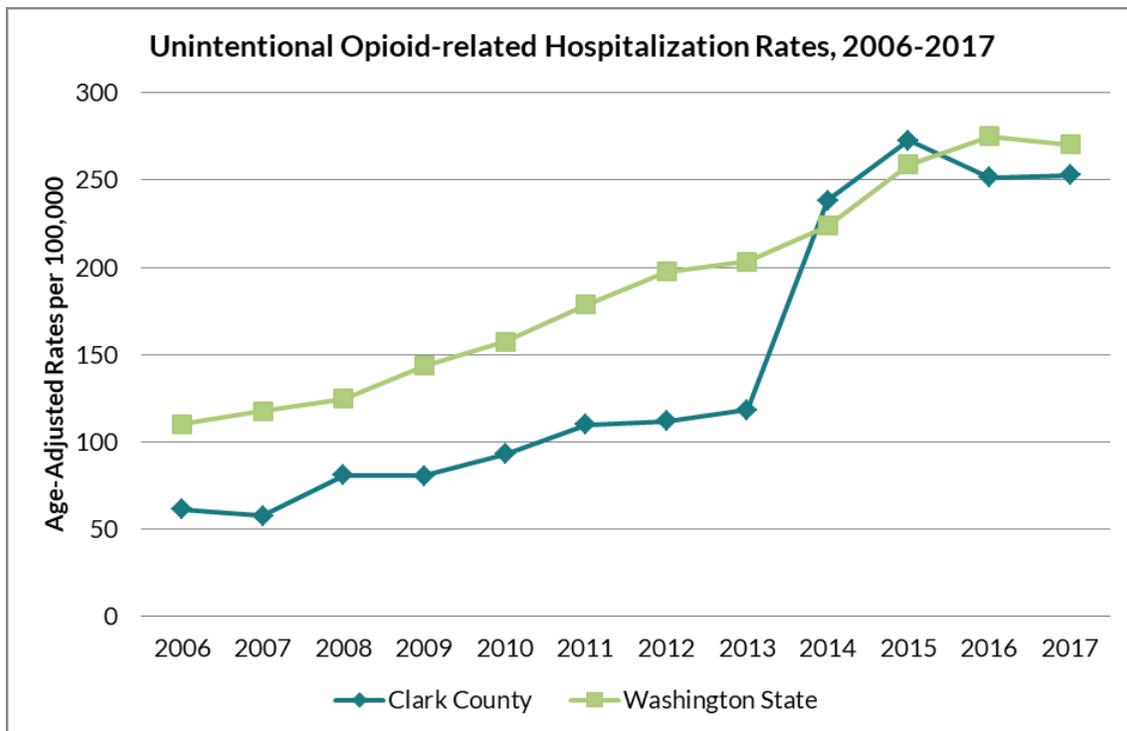


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# Opioid Hospitalizations

## Unintentional Opioid-related Hospitalizations



**Note:** After corresponding with local hospitals, we believe the increase from 2013 to 2014 is due to increased reporting of opioid-related disorders.

Year	Clark County			Washington State		
	Count	*Rate	**95% CI	Count	*Rate	**95% CI
2006	249	61.3	(53.9, 69.9)	7,256	110.1	(107.6, 112.7)
2007	239	57.5	(50.4, 65.5)	7,883	117.7	(115.1, 120.3)
2008	345	80.8	(72.4, 89.9)	8,455	124.7	(122.0, 127.4)
2009	345	80.5	(72.2, 89.7)	9,846	143.6	(140.7, 146.5)
2010	399	93.0	(84.0, 102.8)	10,860	157.4	(154.4, 160.4)
2011	472	109.8	(100.0, 120.4)	12,352	178.6	(175.4, 181.8)
2012	486	111.8	(101.9, 122.4)	13,739	197.4	(194.1, 200.8)
2013	525	118.2	(108.2, 129.0)	14,344	203.2	(199.9, 206.6)
2014	1,127	238.2	(224.2, 252.9)	16,115	223.6	(220.1, 227.2)
2015	1,323	272.6	(257.4, 287.9)	18,952	258.7	(255.0, 262.5)
2016	1,295	251.5	(244.8, 274.2)	20,896	275.1	(271.3, 278.9)
2017	1,283	252.8	(238.5, 267.2)	20,978	270.2	(266.5, 274.0)

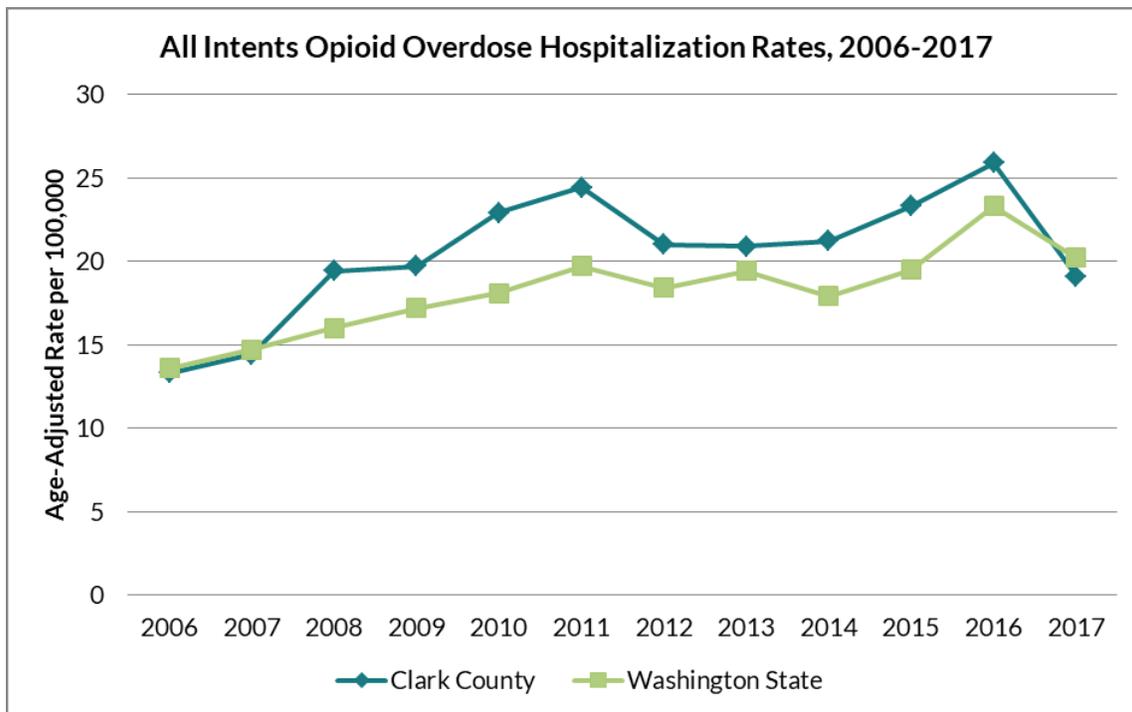
\*Age-adjusted rate per 100,000 population

\*\*95% confidence intervals; if two confidence intervals overlap, there is generally no significant difference between rates



# Opioid Hospitalizations

## Opioid Overdose Hospitalizations (all intents)



Year	Clark County			Washington State		
	Count	Rate*	**95% CI	Count	Rate*	**95% CI
2006	54	13.3	(10.0, 17.5)	901	13.6	(12.7, 14.5)
2007	59	14.4	(10.9, 18.7)	991	14.7	(13.8, 15.7)
2008	83	19.4	(15.4, 24.2)	1104	16.0	(15.1, 17.0)
2009	85	19.7	(15.7, 24.5)	1204	17.2	(16.2, 18.2)
2010	98	22.9	(18.5, 28.1)	1284	18.1	(17.1, 19.1)
2011	105	24.4	(19.9, 29.7)	1406	19.7	(18.7, 20.8)
2012	94	21.0	(16.9, 25.9)	1335	18.4	(17.4, 19.4)
2013	98	20.9	(16.9, 25.6)	1435	19.4	(18.4, 20.5)
2014	102	21.2	(17.2, 26.0)	1352	17.9	(17.0, 19.0)
2015	109	23.3	(19.0, 28.2)	1496	19.5	(18.5, 20.6)
2016	127	25.9	(21.5, 31.0)	1828	23.3	(22.2, 24.4)
2017	100	19.1	(15.4, 23.4)	1615	20.2	(19.2, 21.2)

\*Age-adjusted rate per 100,000 population

\*\*95% confidence intervals; if two confidence intervals overlap, there is generally no significant difference between rates

