

## Kitsap County Resident Opioid Related Emergency Room Visits and Deaths by Kitsap Sub County Zip Code Area

For the 2-year period 2016-2017:

- Sub county area rates are not statistically different from each other, and are presented to promote discussion. Numbers are small enough that rates may be highly variable from year to year.
- Age-adjusted rates of Kitsap County resident emergency room (ER) visits related to opioids are highest in the Bainbridge Island and Bremerton areas, while age-adjusted rates of deaths related to opioids are highest in Bainbridge Island and the North Kitsap area.
- The actual number of opioid-related ER visits is highest in Bremerton, while South Kitsap had the most opioid-related deaths.

### OPIOID RELATED EMERGENCY ROOM VISITS (NONFATAL), 2016-2017\*

	#	age-adjusted rate per 100,000	% opioid overdose visits**
Bainbridge Island	9	51.9	33%
Bremerton	26	44.1	100%
North Kitsap	14	39.0	64%
Central Kitsap	13	24.1	92%
South Kitsap	13	20.0	85%

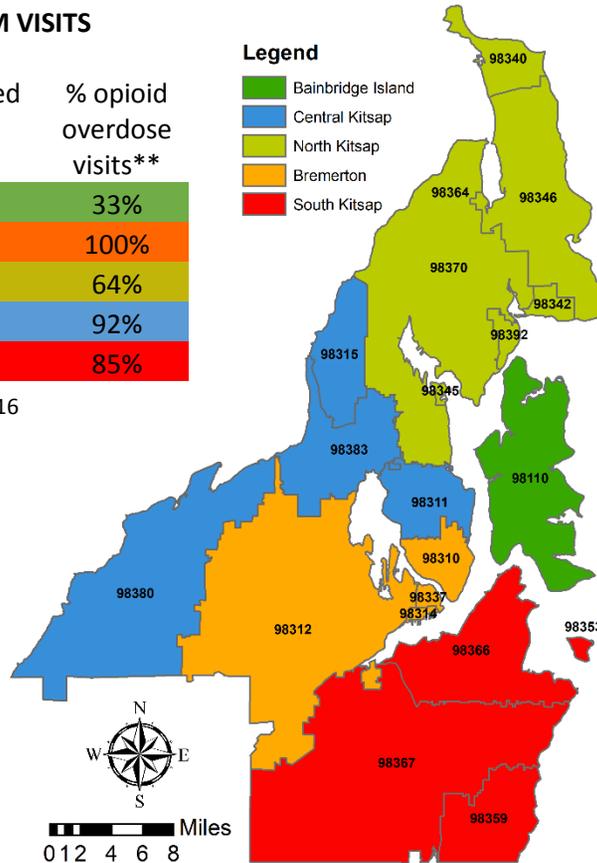
\*Rates are age-adjusted and based on the 2016 population. Emergency Room visit counts for 2016 and 2017 are preliminary, subject to change and only account for visits to those emergency rooms reporting into ESSENCE.

\*\*The percentage of emergency room visits where an opioid overdose was suspected or confirmed.

#### Prepared by:

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Assessment and Epidemiology Program  
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### OPIOID RELATED DEATHS, 2016-2017\*

	#	age-adjusted rate per 100,000	% opioid overdose deaths**	2016 population
Bainbridge Island	5	34.0	100%	23,760
North Kitsap	7	17.2	100%	48,473
South Kitsap	12	15.2	92%	69,861
Bremerton	9	14.3	67%	61,863
Central Kitsap	7	13.1	100%	58,464

\*Rates are age-adjusted and based on the 2016 population. Counts for 2017 are preliminary and subject to change.

\*\*The percentage of deaths where an opioid overdose was a underlying or contributing cause of death.

#### Sources:

Map: [http://www.unitedstateszipcodes.org/print\\_this\\_map.php](http://www.unitedstateszipcodes.org/print_this_map.php)

Emergency Room Visits: Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE) Version 1.21 (accessed 3/26/2018), National Syndromic Surveillance Program.

Deaths: WA State Dept. of Health, Center for Health Statistics, Vital Statistics Database (accessed 3/26/2018).

**Data Details:** Both ER visits and deaths are counts of Kitsap residents but the event could have occurred outside of Kitsap County. Emergency room visits exclude all fatal visits, so as not to duplicate counts. Sub county areas are comprised of multiple zip codes and are therefore not representative of individual municipalities, with the exception of Bainbridge Island that has only one zip code. Emergency room visits only include hospitals reporting to the National Syndromic Surveillance Program. The category "opioid related" includes diagnoses with ICD-10 codes F11.0-11.9 and/or T40.0-40.6. For the percent opioid overdose emergency room visits, the CCDD category of "CDC Opioid Overdose v1" was used. For the percent opioid overdose deaths, ICD-10 codes T40.0-40.6 were used.