



Missouri Department of Health and Senior Services

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**Enhanced State Surveillance of Opioid-Involved Morbidity and Mortality (ESOOS)
Program Overview**

- This is a three year grant funded by the Centers for Disease Control and Prevention (CDC). The grant period began September 1, 2016.
- The goal of this grant is to support states that have a high burden of drug overdoses to quickly improve the timeliness of fatal and nonfatal opioid overdose surveillance, including overdoses related to opioid pain relievers and heroin. We are hopeful that this surveillance will allow community partners to identify outbreaks and implement prevention strategies in local communities. Missouri was one of 12 states awarded funding.
- The ESOOS program has three strategies to achieve the goals outlined above:
 - Strategy 1- Increase the timeliness of aggregate nonfatal opioid overdose reporting. The Missouri Department of Health and Senior Services (MDHSS) will partner with the Missouri Hospital Association (MHA) to analyze emergency department records for three categories of overdoses: all drug overdoses, opioid-related overdoses, and heroin-specific overdoses. Syndromic surveillance data may also be used. The reporting period runs October 1, 2016- May 31, 2019.
 - Strategy 2- Increase the timeliness of fatal opioid overdose and associated risk factor reporting. MDHSS will partner with local medical examiners and coroners to receive and abstract coroner reports and toxicological analyses. The reporting period runs July 1, 2016 to December 31, 2018.
 - Strategy 3- Disseminate surveillance findings to key stakeholders working to prevent or respond to opioid overdoses. MDHSS has commitments from several agencies and groups throughout Missouri who are interested in sharing and disseminating information that could help address the opioid epidemic in the state.
- Strategies 1 and 3 will be implemented statewide. County participation in Strategy 2 is voluntary. The grant stipulates that Missouri must collect data from areas that represent 75% of the unintentional and undetermined drug overdoses reported in Missouri in 2014. We have received letters of support or verbal participation agreements from the following counties:
 - Bates
 - Franklin
 - Platte
 - Boone
 - Greene
 - St. Charles
 - Buchanan
 - Henry
 - St. Louis City
 - Callaway
 - Jackson
 - St. Louis County
 - Camden
 - Jefferson
 - Stoddard
 - Cass
 - Lincoln
 - Texas
 - Christian
 - Morgan
 - Clay
 - Phelps

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