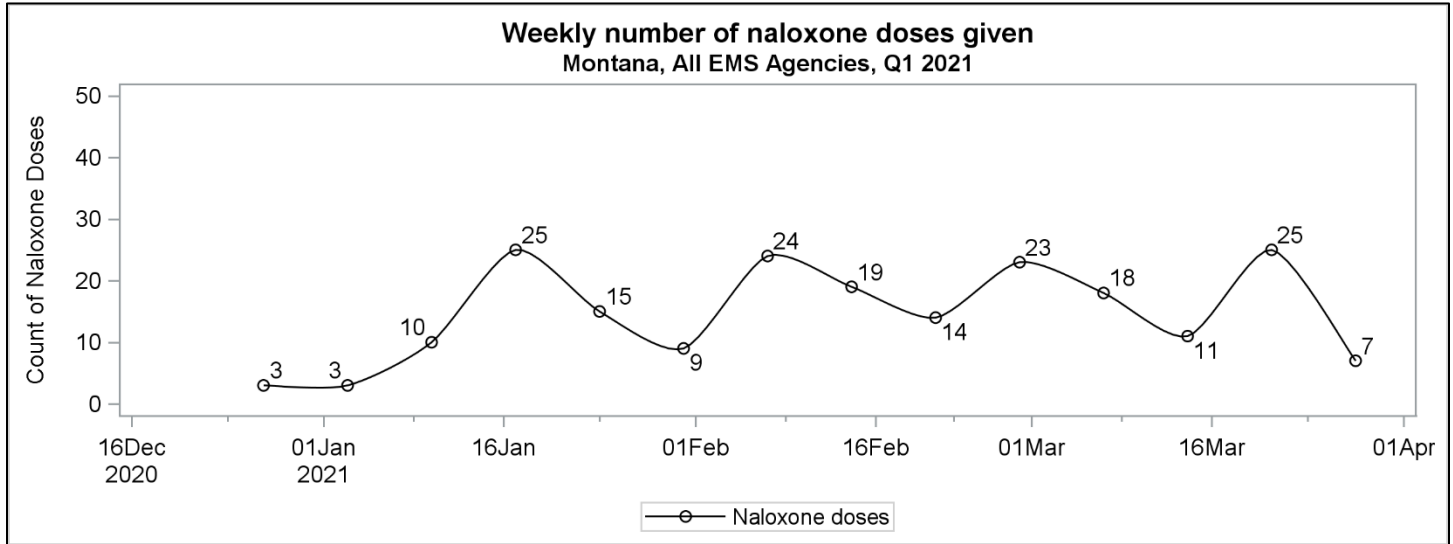


Montana Q1 2021 EMS Data Report: Naloxone Administration and Suspected Opioid Overdose

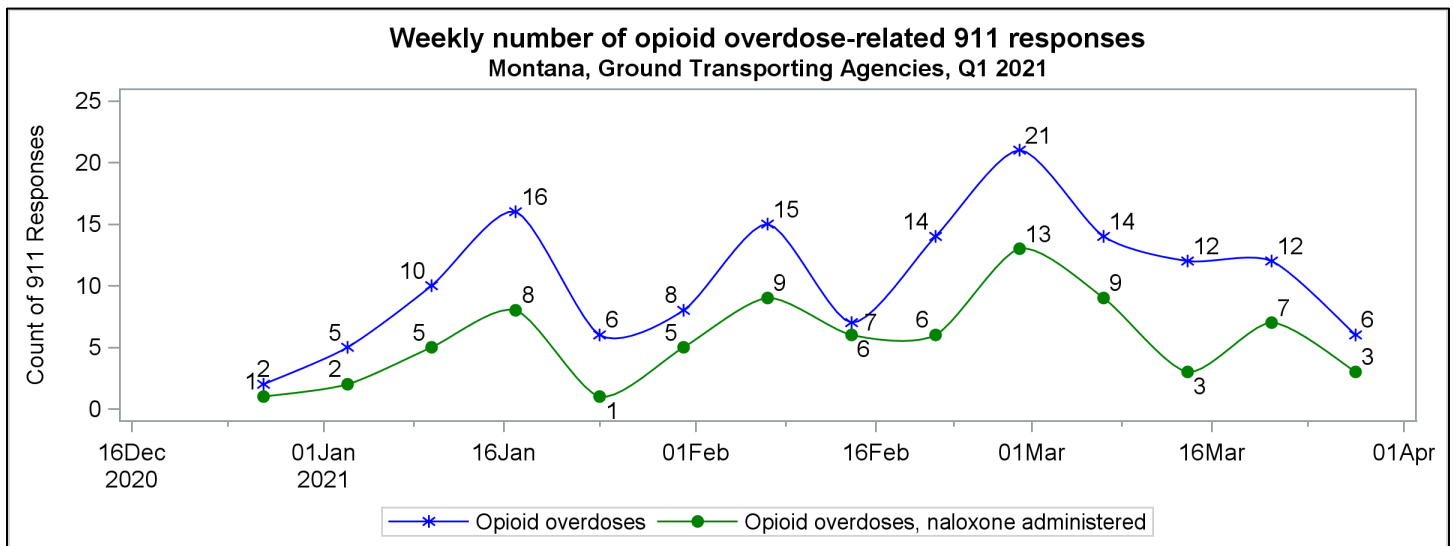
Naloxone Report

There were **206** doses of naloxone administered during **169** EMS activations in Montana between 1/1/2021-3/31/2021. The average number of naloxone doses given per EMS activation was **1.22**.



Opioid Overdose Report

There were **148** opioid overdose-related¹ 911 responses by ground transporting EMS agencies in Montana between 1/1/2021-3/31/2021. Naloxone was administered in 78 of the 148 cases (**52.7%**).



For further information, please visit our website: [Injury Prevention Program](#)
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¹ Any provider impression of opioid exposure (ICD-10-CM codes F11, T40.0-T40.4, T40.6) OR documentation of improved patient condition in response to naloxone administration. (Exclude if provider impression of opioids but the patient condition worsened in response to naloxone.)

Table 1. Opioid overdose-related 911 responses, Ground Transporting Agencies, Montana, Q1 2021

	N	%
Naloxone Administration		
No documentation of naloxone administration	70	47.3%
Naloxone administered, Response=Improved	73	49.3%
Naloxone administered, Response=Unchanged	5	3.4%
Naloxone administered, Response=No answer	0	0.0%
Patient Disposition		
Patient Transported by this EMS Unit	131	88.5%
Patient Treated/Evaluated, No Transport (per protocol)	9	6.1%
Patient Refusal, No Transport	8	5.4%
Patient Dead at Scene, No Transport	0	0.0%
Other	0	0.0%
Incident County NCHS Urban-Rural Classification		
Small Metro	59	39.9%
Microropolitan	39	26.4%
Non-core (Rural)	40	27.0%
Not Reported	10	6.8%
Patient Sex		
Female	66	44.6%
Male	82	55.4%
Not Reported	0	0.0%
Patient Age		
0-17 Years	†	
18-44 Years	89	60.1%
45-64 Years	32	21.6%
65+ Years	24	16.2%
Not Reported	†	
Patient Race*		
American Indian or Alaska Native	30	20.3%
Asian	0	0.0%
Black or African American	0	0.0%
Hispanic or Latinx	†	
Native Hawaiian or Other Pacific Islander	0	0.0%
White	93	62.8%
Other Race	†	
Race Not Listed	20	13.5%
Total	148	100.0%

*Race is a multi-select field, therefore the sum of all race categories may exceed the total.

†= Suppressed according to departmental policy if cell count is <5

About the Data Source

The State of Montana’s EMS Incident Dataset consists of patient care documentation collected by emergency care providers. Montana statute requires all licensed ground and air transporting EMS agencies to submit a patient care report (PCR) for each patient encountered during an EMS activation. In general, PCRs are available in the dataset within 24 hours of the patient encounter. Montana uses the [NEMESIS v3.4.0 data standard](#). Note that the dataset is a registry of EMS activations; it is not a “patient-based” dataset. This report includes records with incident location in Montana and incident date between 1/1/2021 – 3/31/2021 and excludes records missing information on response type or patient disposition.