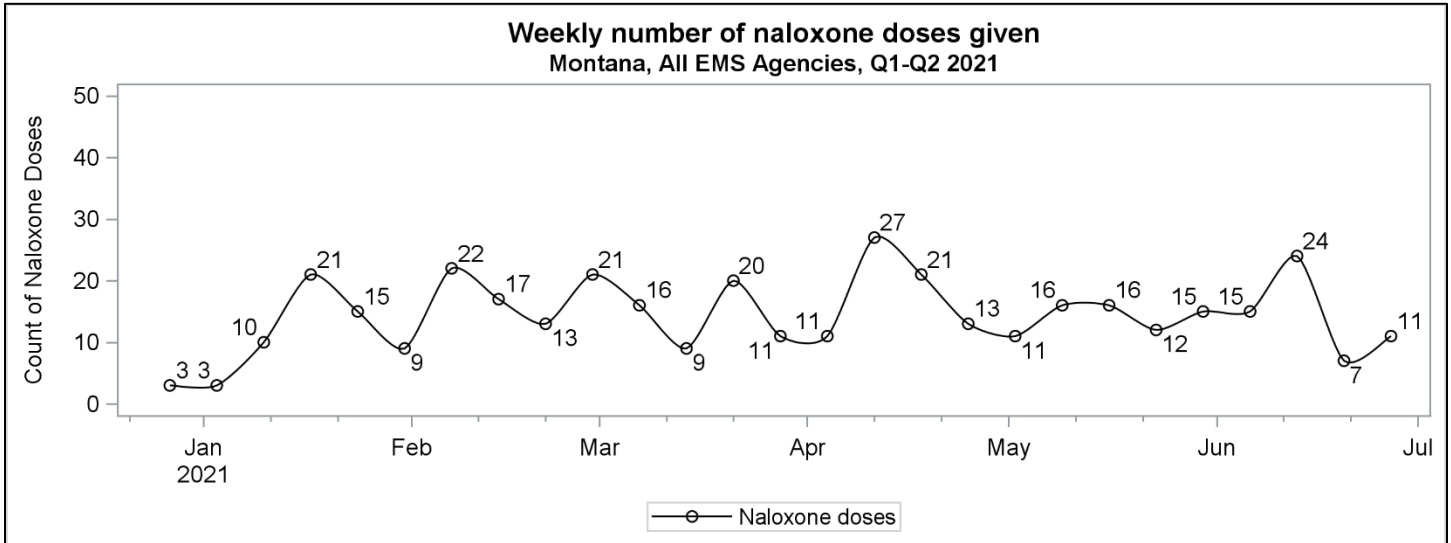


Montana Q1-Q2 2021 EMS Data Report: Naloxone Administration and Suspected Opioid Overdose

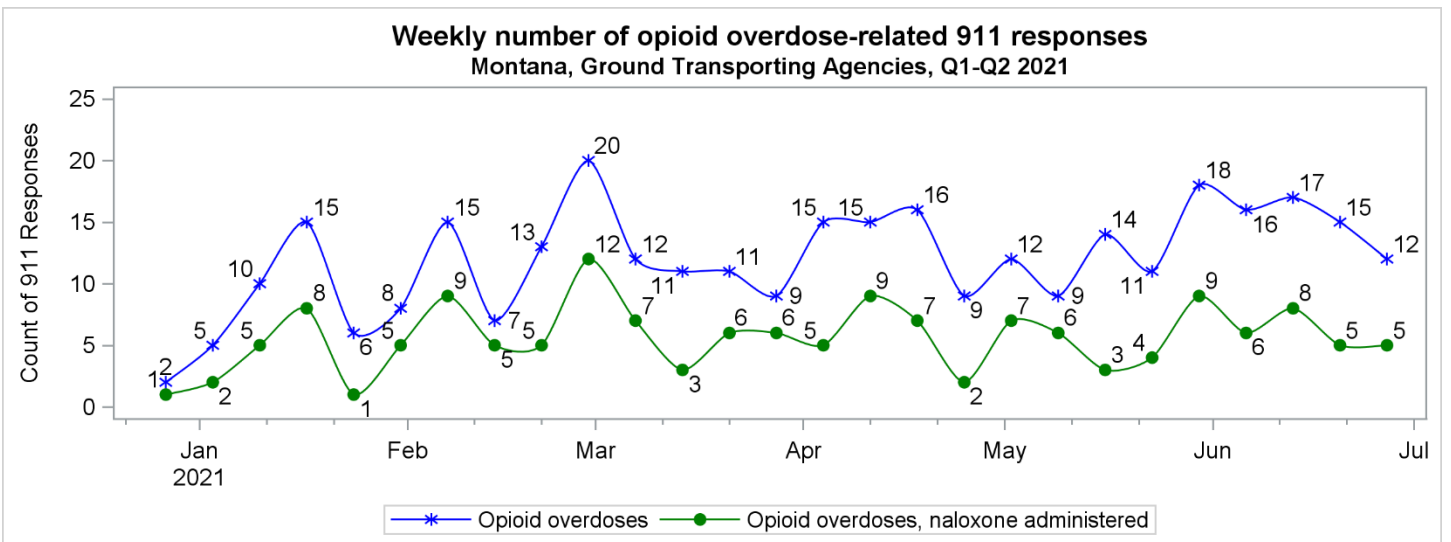
Naloxone Report

There were **389** doses of naloxone administered during **320** EMS activations in Montana between 1/1/2021-6/30/2021. The average number of naloxone doses given per EMS activation was **1.22**.



Opioid Overdose Report

There were **323** opioid overdose-related¹ 911 responses by ground transporting EMS agencies in Montana between 1/1/2021-6/30/2021. Naloxone was administered in 151 of the 323 cases (**46.7%**).



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.) Note: The definition of opioid overdose used for this report does NOT search the EMS narrative, and therefore may not capture all opioid overdoses.

Table 1. Opioid overdose-related 911 responses, Ground Transporting Agencies, Montana, Q1-Q2 2021

	Q1 2021	Q2 2021	All	All %
Naloxone Administration				
No documentation of naloxone administration	69	103	172	53.3%
Naloxone administered, Response=Improved	67	72	139	43.0%
Naloxone administered, Response=Unchanged	5	4	9	2.8%
Naloxone administered, Response=No answer	0	3	3	0.9%
Patient Disposition				
Patient Transported by this EMS Unit	132	169	301	93.2%
Patient Treated/Evaluated, No Transport (per protocol)	1	2	3	0.9%
Patient Refusal, No Transport	8	10	18	5.6%
Patient Dead at Scene, No Transport	0	1	1	0.3%
Other	0	0	0	0.0%
Incident County NCHS Urban-Rural Classification				
Small Metro	57	103	160	49.5%
Micropolitan	39	40	79	24.5%
Non-core (Rural)	40	39	79	24.5%
Not Reported	5	0	5	1.5%
Patient Sex				
Female	65	75	140	43.3%
Male	76	106	182	56.3%
Not Reported	0	1	1	0.3%
Patient Age				
0-17 Years	3	8	11	3.4%
18-44 Years	83	117	200	61.9%
45-64 Years	32	42	74	22.9%
65+ Years	23	15	38	11.8%
Not Reported	0	0	0	0.0%
Patient Race*				
American Indian or Alaska Native	27	43	70	21.7%
Asian	0	1	1	0.3%
Black or African American	1	1	2	0.6%
Hispanic or Latinx	1	2	3	0.9%
Native Hawaiian or Other Pacific Islander	0	0	0	0.0%
White	88	90	178	55.1%
Other Race	4	10	14	4.3%
Race Not Listed	20	35	55	17.0%
Total	141	182	323	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 [NEMIS 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 – 6/30/2021 and excludes records missing information on response type or patient disposition.