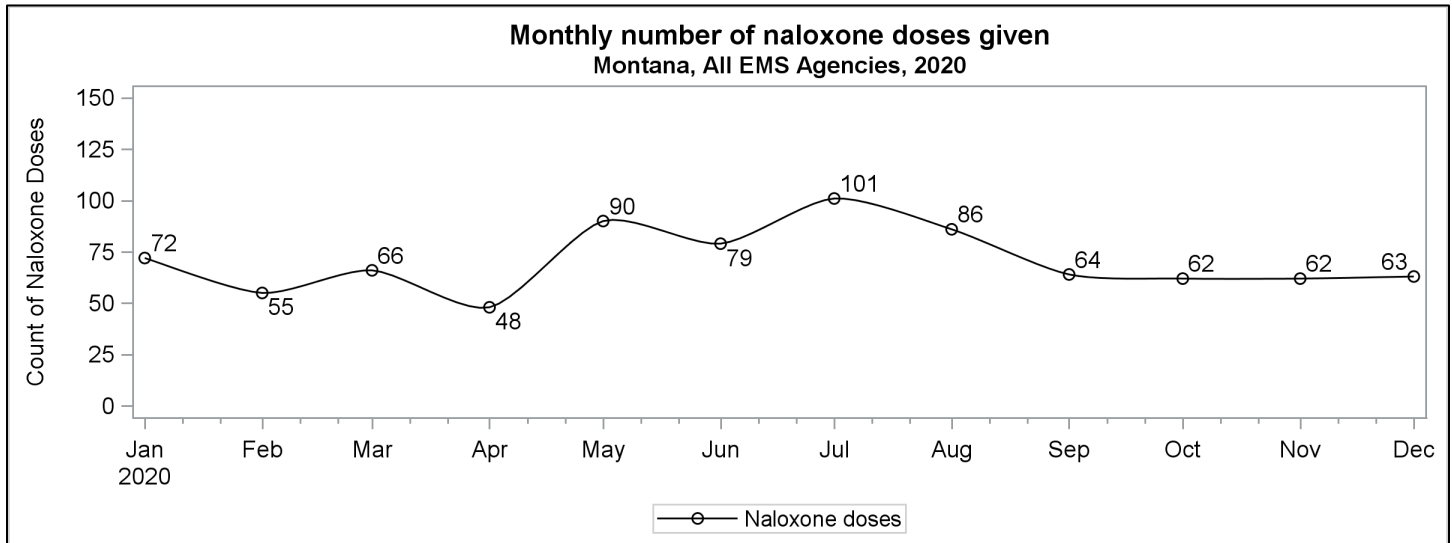


## Montana 2020 EMS Data Report: Naloxone Administration and Suspected Opioid Overdose

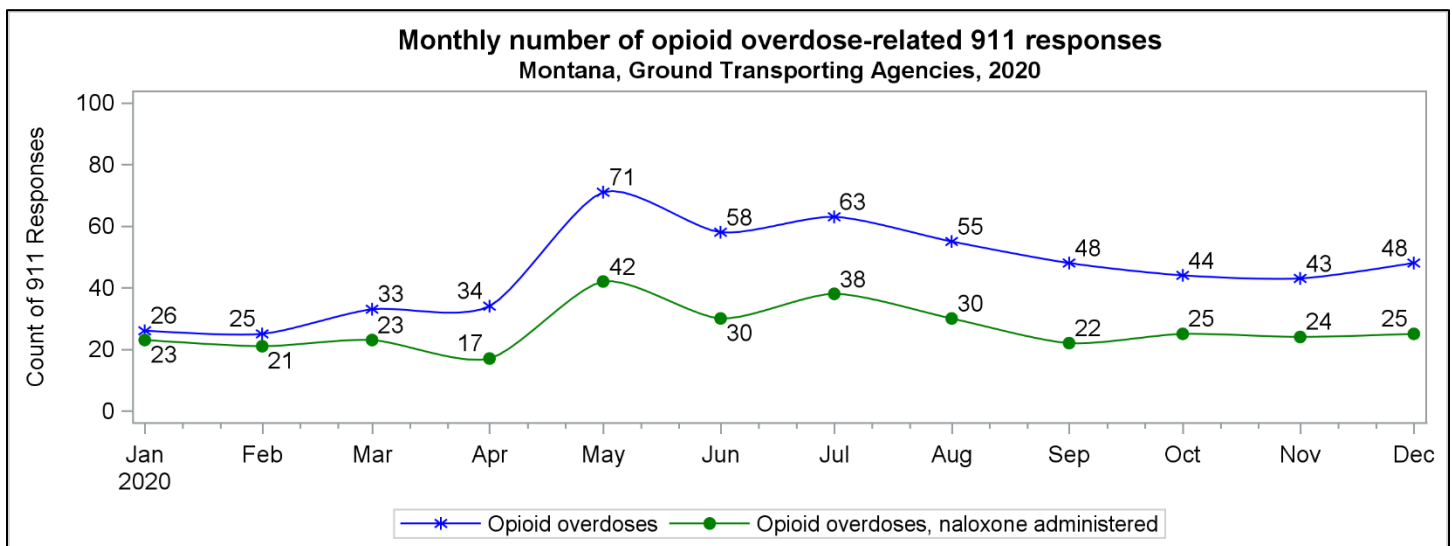
### Naloxone Report

There were **848** doses of naloxone administered during **675** EMS activations in Montana between 1/1/2020-12/31/2020. The average number of naloxone doses given per EMS activation was **1.26**.



### Opioid Overdose Report

There were **548** opioid overdose-related<sup>1</sup> 911 responses by ground transporting EMS agencies in Montana between 1/1/2020-12/31/2020. Naloxone was administered in 320 of the 548 cases (**58.4%**).



For further information, please visit our website: [Injury Prevention Program](#)  
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<sup>1</sup> 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, 2020**

	2020-Q1	2020-Q2	2020Q-3	2020-Q4	All (N)	All (%)
<b>Naloxone Administration</b>						
No documentation of naloxone administration	17	74	76	61	228	41.6%
Naloxone administered, Response=Improved	63	86	80	69	298	54.4%
Naloxone administered, Response=Unchanged	†	†	9	5	21	3.8%
Naloxone administered, Response=No answer	†	†	†	†	†	
<b>Patient Disposition</b>						
Patient Transported by this EMS Unit	71	135	148	117	471	85.9%
Patient Treated/Evaluated, No Transport (per protocol)	10	19	9	11	49	8.9%
Patient Refusal, No Transport	2	8	6	7	23	4.2%
Patient Dead at Scene, No Transport	†	†	†	†	†	
Other	†	†	†	†	†	
<b>Incident County NCHS Urban-Rural Classification</b>						
Small Metro	32	65	68	51	216	39.4%
Micropolitan	25	43	55	45	168	30.7%
Non-core (Rural)	16	37	31	30	114	20.8%
Not Reported	11	18	12	9	50	9.1%
<b>Patient Sex</b>						
Female	38	63	79	59	239	43.6%
Male	43	98	87	76	304	55.5%
Not Reported	†	†	†	†	5	0.9%
<b>Patient Age</b>						
0-17 Years	†	†	†	†	8	1.5%
18-44 Years	52	84	88	77	301	54.9%
45-64 Years	21	45	46	30	142	25.9%
65+ Years	8	28	28	25	89	16.2%
Not Reported	†	†	†	†	8	1.5%
<b>Patient Race*</b>						
American Indian or Alaska Native	10	33	23	27	93	17.0%
Asian	0	0	0	0	0	0.0%
Black or African American	†	†	†	†	†	
Hispanic or Latinx	†	†	†	†	8	1.5%
Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0.0%
White	45	98	114	84	341	62.2%
Other Race	†	†	†	†	21	3.8%
Race Not Listed	26	24	22	10	82	15.0%
<b>Total</b>	<b>84</b>	<b>163</b>	<b>166</b>	<b>135</b>	<b>548</b>	<b>100.0%</b>

\*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 1/1/2020- 12/31/2020 and excludes records missing information on response type or patient disposition.