

# Maine Naloxone Distribution Initiative

## Project-To-Date Totals through June 30, 2024

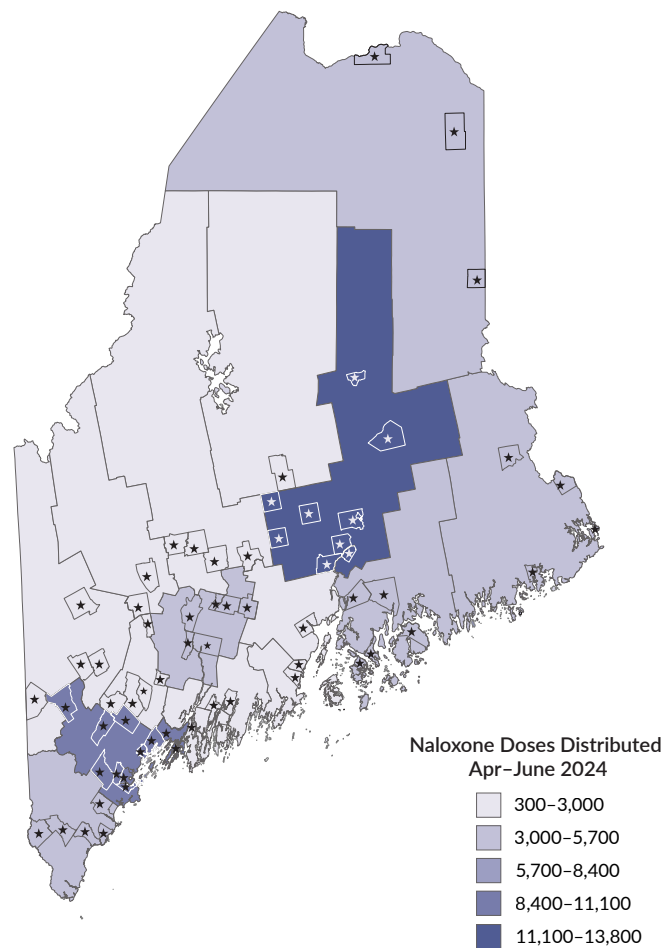
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In July 2019, the Maine Naloxone Distribution Initiative (MNDI) launched an overdose education, prevention, and naloxone distribution project. Public health and harm reduction partners, known as Tier 1 Distributors, began distributing state-supplied naloxone rescue kits across Maine to clinicians, community partners, and end users. This brief provides information on naloxone distribution and reported overdose reversals by the Tier 1 organizations comprising the MNDI from the initiation of the project through June 2024, with a particular emphasis on the second quarter of 2024. Additionally, subcategories of naloxone distribution from Tier 1 organizations to the Overdose Prevention Through Intensive Outreach Naloxone and Safety (OPTIONS) initiative and syringe services/access programs in 2021 as well as EMS Naloxone Leave Behind Program are provided.

Tier 1 organizations include Bangor Public Health (BPH), Portland Public Health (PPH), MaineGeneral Health (MG), and Maine Access Points (MAP). BPH serves the Aroostook, Downeast, and Penquis public health districts, PPH serves Cumberland and York, and MG serves Central, Midcoast, and Western. MAP distributes naloxone statewide with a particular focus on rural regions. Data from the Office of the Attorney General’s (OAG) law enforcement administered naloxone program have also been included to provide an overview of the combined public health, harm reduction, and public safety efforts in Maine.

Currently, it is hard to measure the effectiveness of naloxone distribution because the total number of overdose reversals relies on voluntary reporting. The distribution and reported reversal data tables and figure in this report offer conservative estimates of the lives saved through public health, harm reduction, and safety efforts, which prevented the number of drug deaths from potentially being much higher.

Monthly proportions of 2024 fatalities fluctuated from a low of 5.0% in May to a high of 7.2% in March. During the first five months of 2024, fatal overdoses constituted 6.1% of all overdoses, the same percentages as



**Figure 1:** County-level naloxone distribution levels (with point of initial township distribution indicated by star) by the Maine Naloxone Distribution Initiative from April through June 2024

January–June 2023 (Sorg et al. 2023). Additional resources, data, and visualizations are available at the Maine Drug Data Hub: <https://mainedrugdata.org/>.

## Public Health—Tier 1 Distributors

During the second quarter of 2024 (April–June):

**53,002** doses of naloxone have been distributed  
**557** overdose reversals have been voluntarily reported.

From July 2019 through June 2024 (MNDI project-to-date totals):

**526,224** doses of naloxone have been distributed  
**8,653** overdose reversals have been voluntarily reported.

## Public Safety—Law Enforcement Agencies

During the second quarter of 2024 (April–June):

**416** doses of naloxone have been distributed  
**37** overdose reversals have been voluntarily reported.

From July 2019 through June 2024:

**20,674** doses of naloxone have been distributed  
**1,781** overdose reversals have been voluntarily reported.

**Table 1** Doses of naloxone distributed by Tier 1 distributors and OAG

	2019	2020	2021	2022	2023	Jan–Mar 2024	Apr 2024	May 2024	Jun 2024	Total
BPH (IN)	1768	10882	15180	30572	38290	7378	3586	2038	17460	127,154
BPH (RI)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2208	2208
PPH (IN)	3792	8640	12240	20427	38540	9162	2708	3974	2986	102,469
PPH (IM)	0	0	0	590	1124	256	302	300	150	2722
MG	2550	5172	13312	15874	39446	7804	3014	3276	2778	93,226
MAP (IM)	5472	23533	36562	44786	36128	4716	1100	1394	1252	154,943
MAP (IN)	306	3089	6194	11145	15004	3288	1074	1694	1708	43,502
OAG	2042	3898	5598	3356	3430	1934	198	178	40	20,674
<b>Total</b>	<b>15930</b>	<b>55214</b>	<b>89086</b>	<b>126750</b>	<b>171962</b>	<b>34538</b>	<b>11982</b>	<b>12854</b>	<b>28582</b>	<b>546898</b>

Notes: (1) Unit is doses for all values. (2) IM = intramuscular; IN = intranasal; RI = RiVive®. All values are IN unless otherwise indicated. (3) MAP distribution initially included state-supplied and nonstate-supplied naloxone. (4) 2019 data is for July through December only. (5) A revision has been made to BPH January and July, 2020 and March 2021 and PPH April 2021, Jan 2022 and MG March 2020, October, November, December 2021 and March, April 2022. OBH 2019, 2020, 2021 and 2022. (5) Table 1 includes corrections for MAP reporting that include a decrease in IN doses and an increase in IM doses. 1957 doses of IN naloxone were removed from distribution data from 07/2019 to 07/2023 and 13926 doses of IM naloxone were added to distribution data from 07/2019 to 07/2023. (6) Beginning June of 2024, the MNDI will be purchasing and distributing lower dose (3mg) naloxone (RiVive®)

**Table 1.1** Doses of naloxone distributed by Tier 1 distributors to OPTIONS liaisons (subcategory of total distribution)

	2021	2022	Jan-Mar 2023	Apr-Jun 2023	Jul-Sep 2023	Sep-Dec 2023	Jan-Mar 2024	Apr 2024	May 2024	Jun 2024	Total
BPH	1100	1632	584	1240	1200	1256	320	584	240	1662	9818
PPH	570	912	756	440	600	872	472	280	96	200	5198
MG	1940	3376	808	840	1512	816	1176	288	168	384	11308
Total	3610	5920	2148	2520	3312	2944	1968	1152	504	2246	26324

Notes: (1) Unit is doses for all values.

**Table 1.2** Doses of naloxone distributed by Tier 1 distributors through syringe services/access programs (subcategory of total distribution)

	2021	2022	Jan-Mar 2023	Apr-Jun 2023	Jul-Sep 2023	Oct-Dec 2023	Jan-Mar 2024	Apr 2024	May 2024	Jun 2024	Total
BPH	5450	5306	1856	3918	2160	1344	1896	384	624	2364	25302
PPH	4968	9447	3026	3224	2814	2032	1686	578	968	966	29709
MG	4012	1524	408	718	848	610	760	632	384	248	10144
MAP	19356	32620	10926	10194	13858	10940	7424	2174	3088	2642	113222
Total	33786	48897	16216	18054	19680	14926	11766	3768	5064	6220	178377

Notes: (1) Unit is doses for all values. (2) A revision has been made to BPH March, June, September of 2021 January, April and May of 2022 as well as PPH April 2021 and February of 2023. (3) Missing data for January 2021 for PPH.

**Table 1.3** Doses of naloxone distributed by Tier 1 distributors to EMS Naloxone Leave Behind Program (subcategory of total distribution)

	2022	Jan-Mar 2023	Apr-Jun 2023	Jul-Sep 2023	Oct-Dec 2023	Jan-Mar 2024	Apr 2024	May 2024	Jun 2024	Total
BPH	480	178	16	514	440	512	0	0	36	2176
PPH	346	20	46	258	558	112	12	112	32	1496
MG	464	160	0	568	830	324	80	336	0	2762
Total	1290	358	62	1340	1828	948	92	448	68	6434

Notes: (1) Unit is doses for all values. (2) The EMS Leave Behind Program was launched in January of 2022. T1s are to provide EMS agencies across the state with kits of naloxone to provide to anyone who has refused EMS transport.

**Table 2** Number of overdose reversals voluntarily reported to Tier 1 distributors (by individuals or Tier 2 distributors) and overdose reversals reported by OAG law enforcement agencies through the a reporting tool called ODMAP

	2019	2020	2021	2022	Jan– Mar 2023	Apr– Jun 2023	Jul– Sep 2023	Oct– Dec 2023	Jan– Mar 2024	Apr 2024	May 2024	Jun 2024	Total
BPH	17	289	834	602	174	198	130	138	164	50	50	62	2708
PPH	28	304	299	429	70	82	75	57	82	63	70	45	1604
MG	1	87	224	278	47	58	78	63	82	52	9	19	998
MAP	29	521	715	936	314	243	178	127	64	21	36	75	3259
OAG	51	401	595	388	87	78	54	49	41	10	16	11	1781
OD-ME app	0	31	14	9	9	6	5	3	2	4	0	1	84
<b>Total</b>	<b>126</b>	<b>1633</b>	<b>2681</b>	<b>2642</b>	<b>701</b>	<b>665</b>	<b>520</b>	<b>437</b>	<b>435</b>	<b>200</b>	<b>181</b>	<b>213</b>	<b>10434</b>

Notes: (1) Reversal totals are conservative estimates as not all reversals are reported. (2) OD-ME app is a mobile phone app developed in 2020 to support naloxone administration. (3) Overdose reversal figures may increase as backdated Tier 2 distributor and OAG incident reports are received. (4) 2019 data is July through December only. (5) Law enforcement agencies that receive naloxone from the OAG and report reversals through ODMAP are now being included. ODMAP reversal data has been added from July 2019 to present. (6) A revision has been made to MAP 2022 and PPH February 2023 reversal reports as well as OAG Q1 2023

## Works

Marcella H. Sorg, Daniel S. Soucier, and Yimin Yang. 2024. *Maine Monthly Overdose Report*. University of Maine. Orono: Margaret Cited Chase Smith Policy Center.