

Policy Evaluation of Michigan's Statewide Naloxone Standing Order

Indicators of Success Scorecard

PHARMACY INVOLVEMENT

Pharmacies enrolled in the standing order, pharmacists with naloxone training, and pharmacists who recommend naloxone

67.2

out of 100 points

PUBLIC AWARENESS & STIGMA

Residents aware of naloxone, the standing order, opioid overdose signs, and naloxone administration & not reporting stigma

74.6

out of 100 points

NALOXONE KEPT ON HAND

Residents who keep naloxone on hand in their everyday life

11.3

per 100 residents

OVERDOSE DEATHS

Deaths caused by opioid overdose (2019 calendar year)

17.7

per 100,000 residents

76.1

out of 100 points

PHARMACIST AWARENESS & STIGMA

Pharmacists aware of the standing order, opioid overdose signs, and naloxone administration & not exhibiting stigma

64.4

per 100,000 residents

NALOXONE PRESCRIPTIONS

Naloxone prescriptions filled through the standing order (2020 calendar year)

?

per 100 overdoses

OVERDOSE REVERSALS

Opioid overdoses successfully reversed by administering naloxone and preventing death



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Indicators of Success, Metrics, Data Sources, and Scores

Indicator of Success	Sub-Indicator	Metric	Data Source	Sample	Score
Pharmacy involvement 67.2 / 100 points	Pharmacies enrolled 58.6%	Pharmacies enrolled in Michigan's statewide naloxone standing order as of 12/31/2020	Naloxone Standing Order Report (MDHHS)	All licensed Michigan pharmacies	58.6%
	Pharmacists trained 93.1%	Pharmacists reporting participation in naloxone training in the past 5 years	Pharmacist Survey	Sample of licensed Michigan pharmacists	93.1%
	Recommending naloxone 50.0%	Pharmacists reporting recommending naloxone to patients who are filling an opioid prescription or may be using illegal opioids (2 items)	Pharmacist Survey	Sample of licensed Michigan pharmacists	50.0%
Pharmacist awareness and stigma 76.1 / 100 points	Pharmacist awareness 70.8 / 100 points	Pharmacists reporting awareness of the standing order, its requirements, opioid overdose risk factors, physical signs of opioid overdose, and naloxone administration (8 items)	Pharmacist Survey	Sample of licensed Michigan pharmacists	73.8%
		Kent County pharmacies enrolled in the standing order whose staff provided information that would allow a community member to get naloxone through the standing order	Pharmacy Secret Caller Study	All licensed community-based pharmacies in Kent County	67.7%
	Pharmacist stigma 81.4 / 100 points	Pharmacists not indicating negative beliefs or stigma about making naloxone accessible and people who use illicit opioids or have opioid use disorder (4 items;)	Pharmacist Survey	Sample of licensed Michigan pharmacists	85.5%
		Researchers who called Kent County pharmacies enrolled in the standing order about naloxone who experienced positive treatment by pharmacy staff members	Pharmacy Secret Caller Study	All licensed community-based pharmacies in Kent County	87.7%
		Residents reporting discomfort with asking for naloxone at a pharmacy and expectation of being judged by pharmacist when asking for naloxone (2 items)	Community Survey	Sample of community members focusing on Kent County	71.0%
Public awareness and stigma 74.6 / 100 points	Public awareness 60.4%	Residents reporting awareness of naloxone, the standing order physical signs of opioid overdose, and naloxone administration (5 items)	Community Survey	Sample of community members focusing on Kent County	60.4%
	Public stigma 88.8%	Residents not reporting negative beliefs or stigma about making naloxone easily accessible and people who use illicit opioids (3 items)	Community Survey	Sample of community members focusing on Kent County	88.8%
Naloxone dispensed through standing order 64.4 / 100,000 residents		Naloxone prescriptions filled through the standing order (2020 calendar year per 100,000 population)	Naloxone Standing Order Report (MDHHS)	All licensed Michigan pharmacies	64.4
Naloxone kept on hand 11.3 / 100 residents		Residents reporting keeping naloxone on hand in their everyday life	Community Survey	Sample of community members focusing on Kent County	11.3%
Opioid overdose reversal rate ? / 100 overdoses		Opioid overdoses successfully reversed by administering naloxone and preventing death	None	Not applicable	?
Opioid overdose death rate 17.7 / 100,000 residents		Opioid overdose death rate (2019 calendar year per 100,000 population)	Michigan Resident Death Files (MDHHS)	All deaths of Michigan residents	17.7

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Background

In 2017, Michigan implemented a statewide naloxone standing order. This standing order allows people to get naloxone, a drug that can prevent death in the case of an opioid overdose, at participating pharmacies without an individual prescription from their doctor.

Policy Evaluation

DataWise Consulting, LLC (formerly the Calvin University Center for Social Research) conducted a policy evaluation of the standing order. The evaluation focused on Kent County, Michigan, and involved six steps:

1. Identifying indicators of success for the standing order through key informant interviews and stakeholder focus groups,
2. Creating a flowchart to illustrate how the standing order works and where the eight indicators of success fit into the implementation of the standing order,
3. Conducting a survey of stakeholders to validate and refine the flowchart and indicators of success,
4. Where possible, identifying and acquiring existing data sources for each indicator of success,
5. Developing and implementing new evaluation tools to measure the remaining indicators of success, including a community survey, pharmacist survey, and pharmacy secret caller study, and
6. Compiling data measuring the indicators of success into this scorecard.

Online Evaluation Toolkit

Materials and instructions for each component of the policy evaluation are available in an online evaluation toolkit at <https://www.wearedatawise.com/our-work/naloxone>.

Questions, Feedback, and Requests for Support

Please email info@wearedatawise.com if you have questions or are interested in using these evaluation tools in another jurisdiction.

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