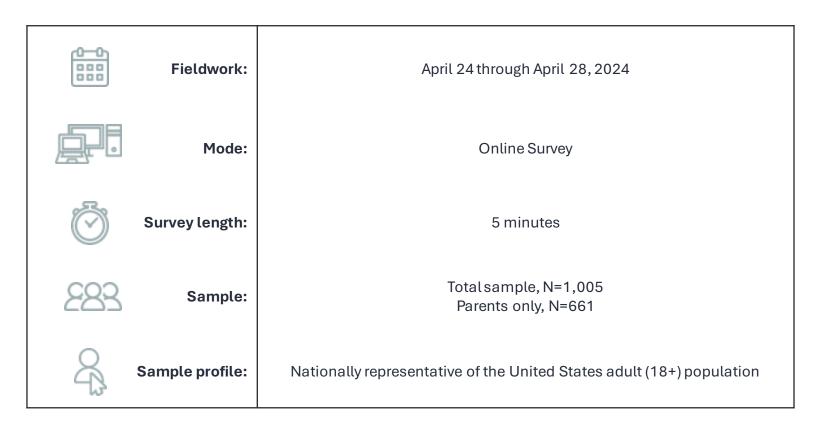
NARCAN[®] Nasal Spray and Opioid Epidemic Perceptions Survey

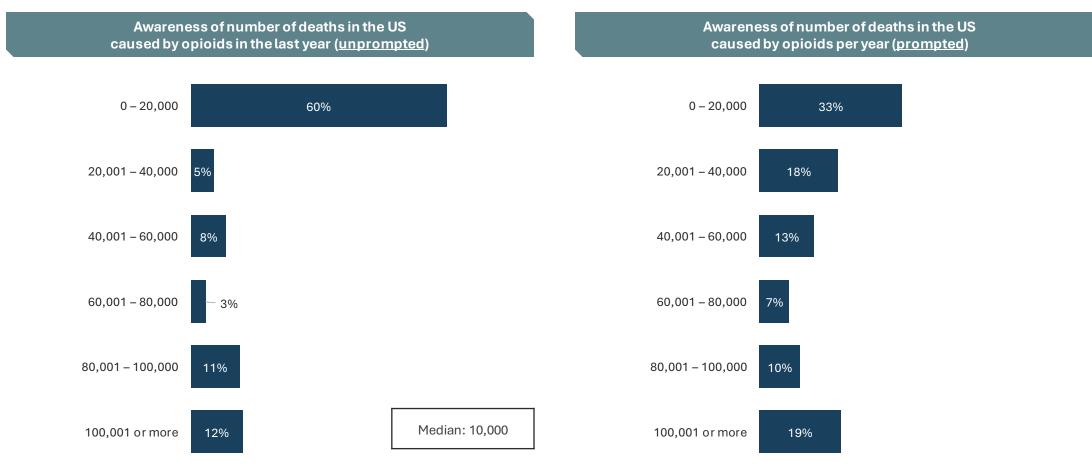
June 6, 2024





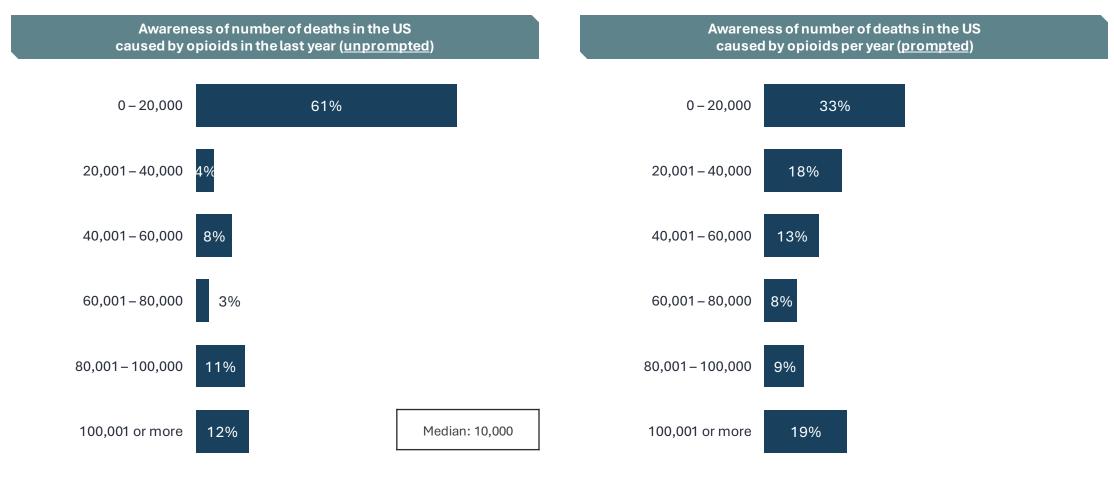
The survey was conducted by Bryter. for Emergent BioSolutions, Inc. Bryter Inc. is an international market research and insights consultancy. They interviewed 1,005 American adults online between April 24 through April 28, 2024. The survey was designed to be representative of the American adult population a whole by age, gender, region and HHI (+/-3%). Aggregate data wastested for statistical significance at the 95% confidence level. Data on file.

Most respondents underestimate the number of deaths caused by opioids in the United States per year



Q1. To the best of your knowledge, how many deaths in the US were caused by opioids in the last year? Q2. Which of the following best describes the number of opioid overdose deaths in the US per year? Base: All respondents (1,005)

Most parents underestimate the number of deaths caused by opioids in the United States per year

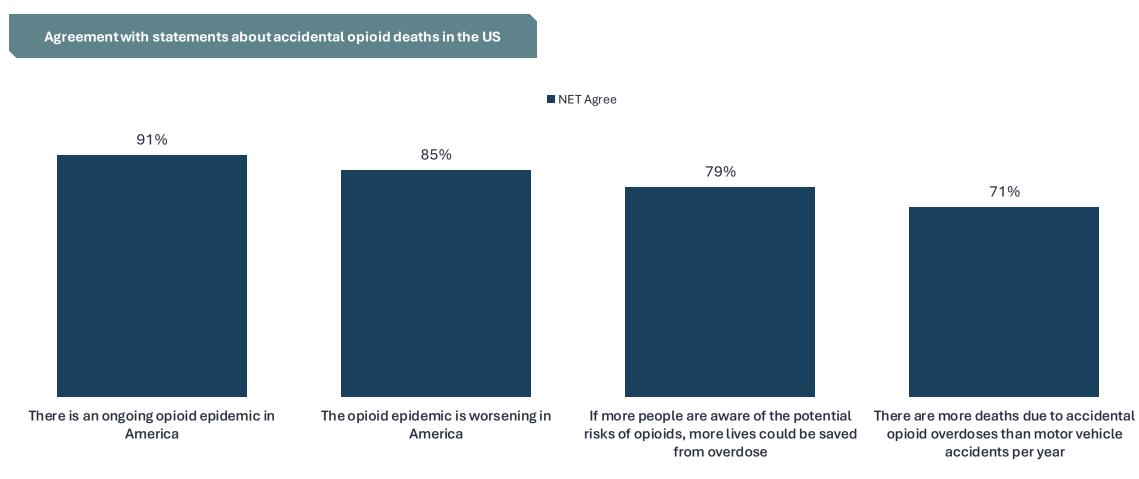


Q1. To the best of your knowledge, how many deaths in the US were caused by opioids in the last year? Q2. Which of the following best describes the number of opioid overdose deaths in the US per year? Base: All parents (661)

Respondents agree we are in the midst of an ongoing epidemic in the United States, awareness that opioids cause more deaths than traffic accidents is lower

Agreement with statements about accidental opioid deaths in the US NET Completely disagree (1) 3 6 Completely agree (7) 2 4 5 Agree 12% 24% 54% 7% There is an ongoing opioid epidemic in America 91% 12% 13% 25% 47% The opioid epidemic is worsening in America 85% If more people are aware of the potential risks of 4% 13% 16% 23% 40% 79% opioids, more lives could be saved from overdose There are more deaths due to accidental opioid 7% 17% 17% 23% 31% 71% overdoses than motor vehicle accidents per year

Respondents agree we are in the midst of an ongoing epidemic in the United States, awareness that opioids cause more deaths than traffic accidents is lower

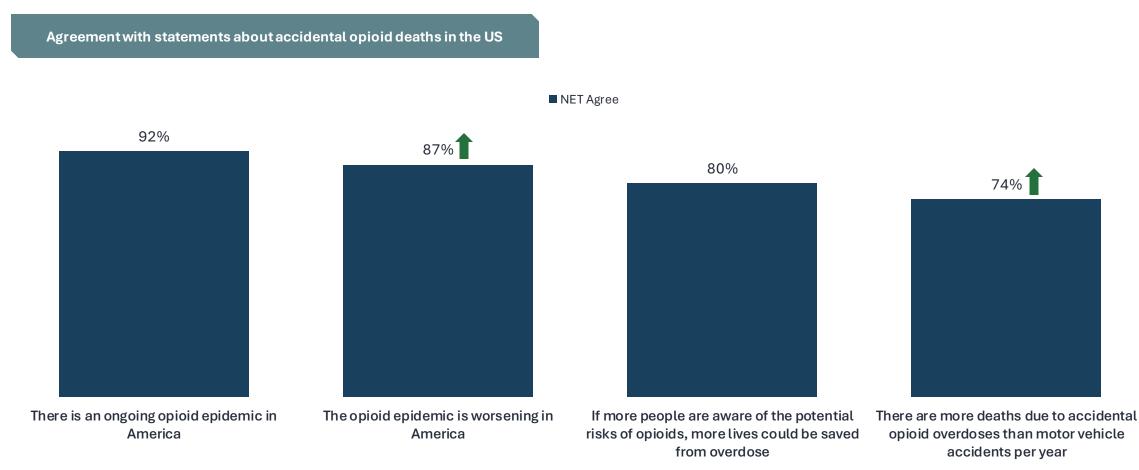


Q3. To what extent do you agree or disagree with the following statements about accidental opioid deaths in the US? Base: All respondents (1,005)

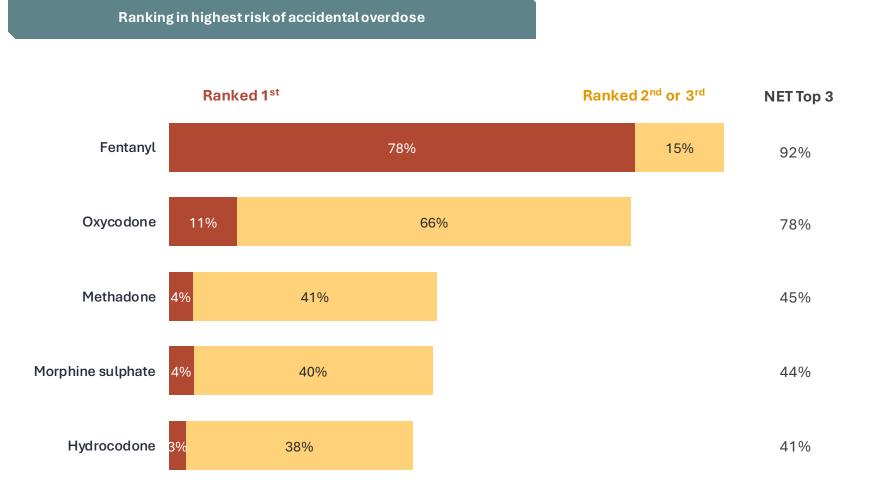
Parents agree we are in the midst of an ongoing epidemic in the United States, awareness that opioids cause more deaths than traffic accidents is lower

Agreement with statements about accidental opioid deaths in the US NET Completely disagree (1) Completely agree (7) 2 3 5 6 4 Agree 10% 57% 6% 25% There is an ongoing opioid epidemic in America 92% 87% 10% 10% 26% 51% The opioid epidemic is worsening in America If more people are aware of the potential risks of 5% 11% 14% 23% 42% 80% opioids, more lives could be saved from overdose There are more deaths due to accidental opioid 15% 74% 6% 15% 25% 34% overdoses than motor vehicle accidents per year

Parents agree we are in the midst of an ongoing epidemic in the United States, awareness that opioids cause more deaths than traffic accidents is lower

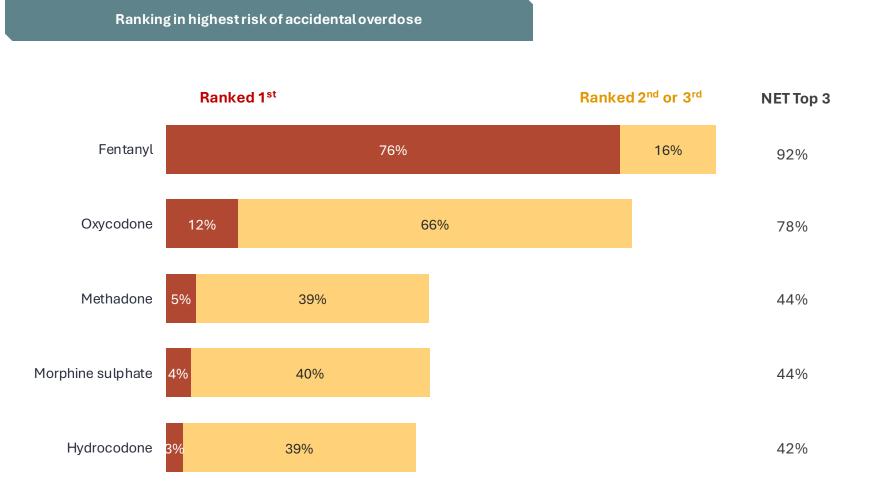


Fentanyl is widely recognized as an opioid that can be a risk of accidental overdose



Q4. To the best of your knowledge, using a scale where 1 has the HIGHEST RISK of accidental overdose and 5 has the LOWEST, please rank the following pain products by their risk of accidental overdose... Base: All respondents (1,005)

Fentanyl is widely recognized as an opioid that can be a risk of accidental overdose



Q4. To the best of your knowledge, using a scale where 1 has the HIGHEST RISK of accidental overdose and 5 has the LOWEST, please rank the following pain products by their risk of accidental overdose... Base: All parents (661)

92% agree that the number of opioid deaths is unacceptable; 88% would help save someone from an opioid overdose, given the opportunity

Agreement with statements about accidental opioid deaths in the US

The number of opioid related deaths in America is totally unacceptable

If given the opportunity, I would help save someone from an opioid overdose

Opioid overdose emergencies are a major and serious public health threat to Americans

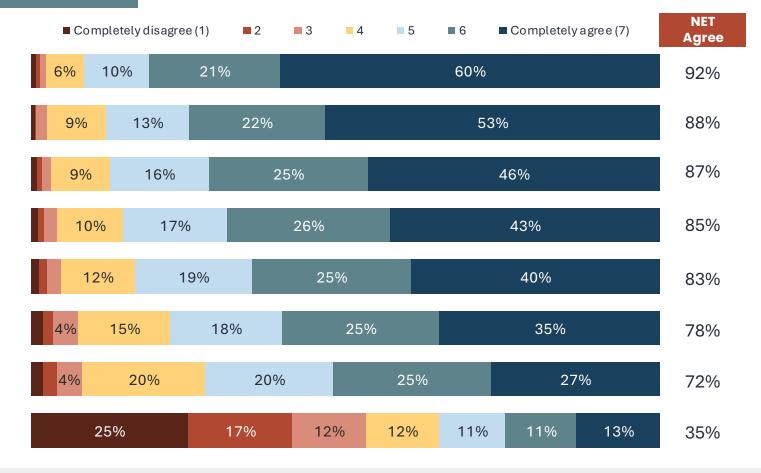
Society at large should continue addressing the opioid epidemic until no lives are lost to an overdose

Saving lives from opioid overdoses should be a top priority

America is not doing enough for people who are dying from opioid overdose

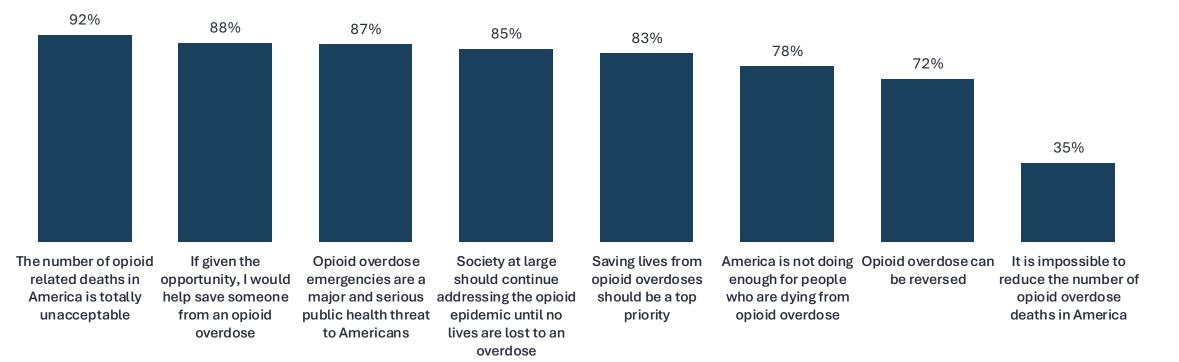
Opioid overdose can be reversed

It is impossible to reduce the number of opioid overdose deaths in America



92% agree that the number of opioid deaths is unacceptable; 88% would help save someone from an opioid overdose, given the opportunity

Agreement with statements about accidental opioid deaths in the US



NET Agree

Q5. To what extent do you agree or disagree with the following statements about accidental opioid deaths in the US? Base: All respondents (1,005)

93% agree that the number of opioid deaths is unacceptable; 89% would help save someone from an opioid overdose, given the opportunity

Agreement with statements about accidental opioid deaths in the US

The number of opioid related deaths in America is totally unacceptable

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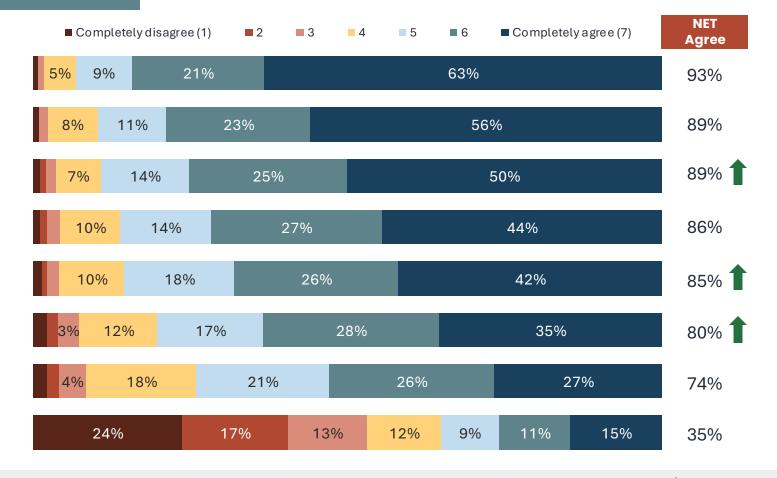
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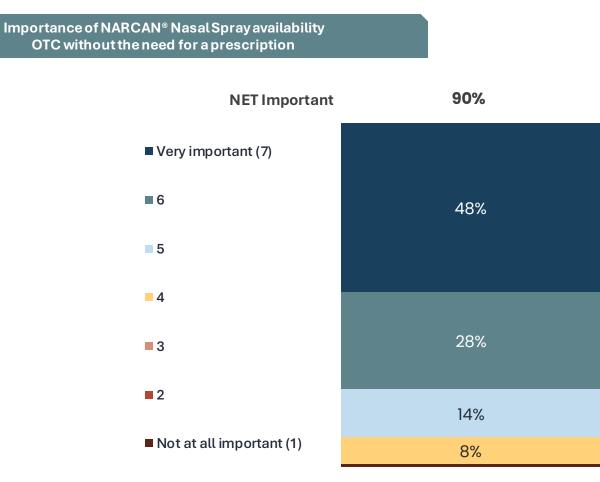
Agreement with statements about accidental opioid deaths in the US NET Agree 93% 89% 89% 85% 86% 80% 74% 35% The number of opioid If given the Opioid overdose Society at large Saving lives from America is not doing Opioid overdose can It is impossible to opportunity, I would emergencies are a should continue opioid overdoses enough for people reduce the number of related deaths in be reversed America is totally help save someone major and serious addressing the opioid should be a top who are dying from opioid overdose from an opioid public health threat epidemic until no opioid overdose unacceptable priority deaths in America lives are lost to an overdose to Americans overdose

Q5. To what extent do you agree or disagree with the following statements about accidental opioid deaths in the US? Base: All parents (661)

PARENTS ONLY

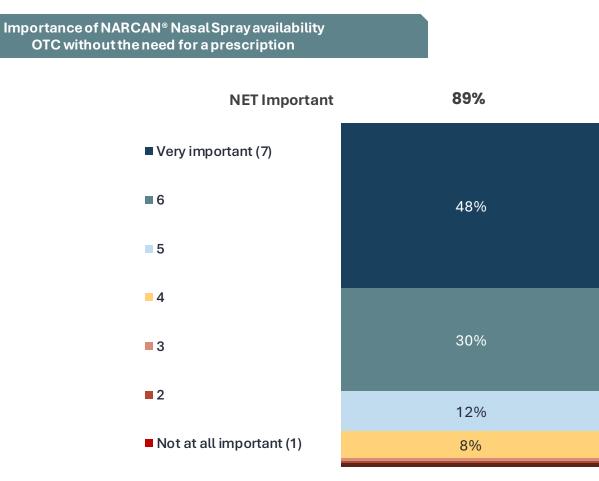
EMERGENT

90% think it's important for NARCAN[®] Nasal Spray to be available and accessible to buy OTC without the need for a prescription



Q6. How important is it that NARCAN[®] Nasal Spray is available and accessible over-the-counter to buy at pharmacies, local retailers or online without the need for a prescription? Base: All respondents (1,005)

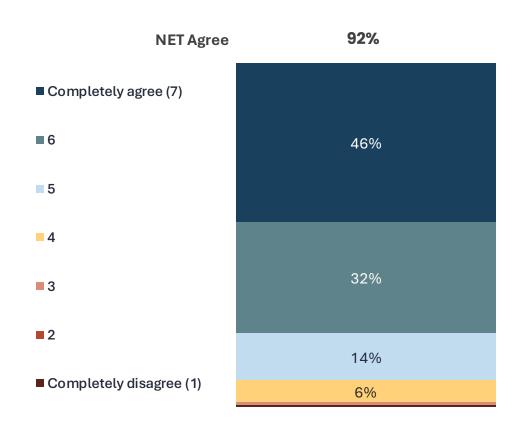
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Q6. How important is it that NARCAN[®] Nasal Spray is available and accessible over-the-counter to buy at pharmacies, local retailers or online without the need for a prescription? Base: All parents (661)

92% agree that opioid overdose is a concern for teenagers and college students

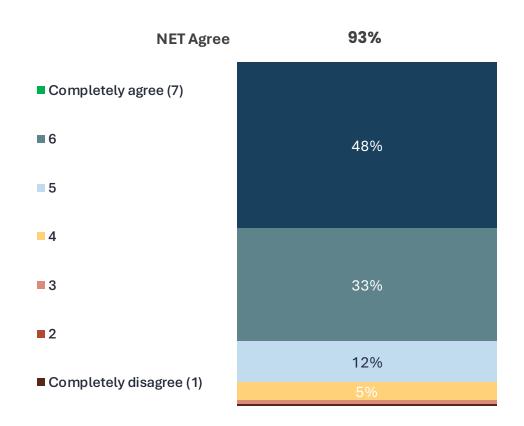
Agreement that opioid overdose is a concern for teenagers and college students



Q7. To what extent do you agree or disagree that opioid overdose is a concern for teenagers and college students? Base: All respondents (1,005)

93% agree that opioid overdose is a concern for teenagers and college students

Agreement that opioid overdose is a concern for teenagers and college students



Q7. To what extent do you agree or disagree that opioid overdose is a concern for teenagers and college students? Base: All parents (661)

OPIOID PERCEPTIONS

EMERGENT

91% agree that schools should do more to educate on the risks of opioids and how to respond to an overdose

Agreement with statements about opioids

Schools (K-12 and colleges /universities) should do more to educate on the risks of opioids and how to respond to an overdose

The opioid crisis has evolved to now being the fentanyl crisis, and society at large should be prepared

All first aid kits should be equipped with naloxone nasal spray to treat an opioid overdose

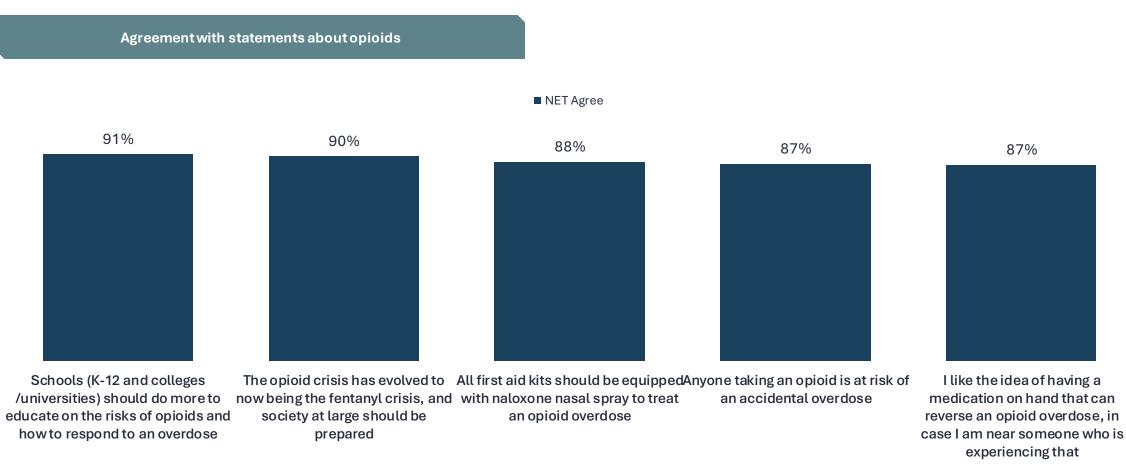
Anyone taking an opioid is at risk of an accidental overdose

I like the idea of having a medication on hand that can reverse an opioid overdose, in case I am near someone who is experiencing that

	Comp	oletely dis	agree (1)	2	3	4	5	■ 6	Completely agree (7)	NET Agree
6	%	0 13% 24%					91%			
8	<mark>% 11% 27%</mark>					90%				
	8% 13%		21%				88%			
	8% 15%		% 20%			52%				87%
	10%	13%		21%					53%	87%

Q8. Below are a number of statements about opioids. For each statement, please indicate how much you agree or disagree with it by selecting the box that is closest to your opinion Base: All respondents (1,005)

91% agree that schools should do more to educate on the risks of opioids and how to respond to an overdose



Q8. Below are a number of statements about opioids. For each statement, please indicate how much you agree or disagree with it by selecting the box that is closest to your opinion Base: All respondents (1,005)

93% agree that schools should do more to educate on the risks of opioids and how to respond to an overdose

Agreement with statements about opioids

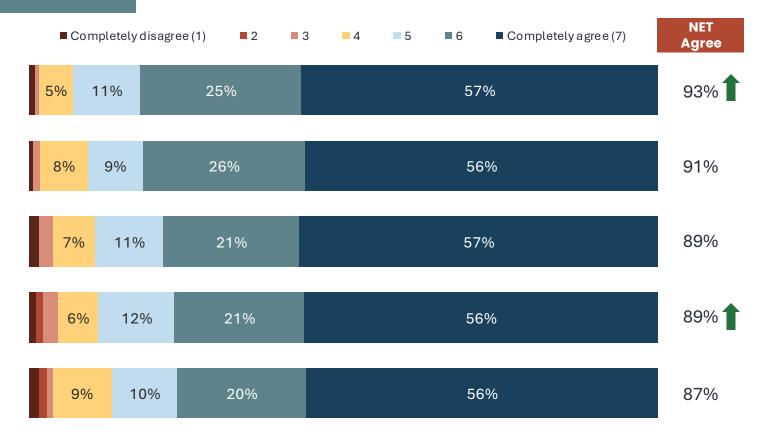
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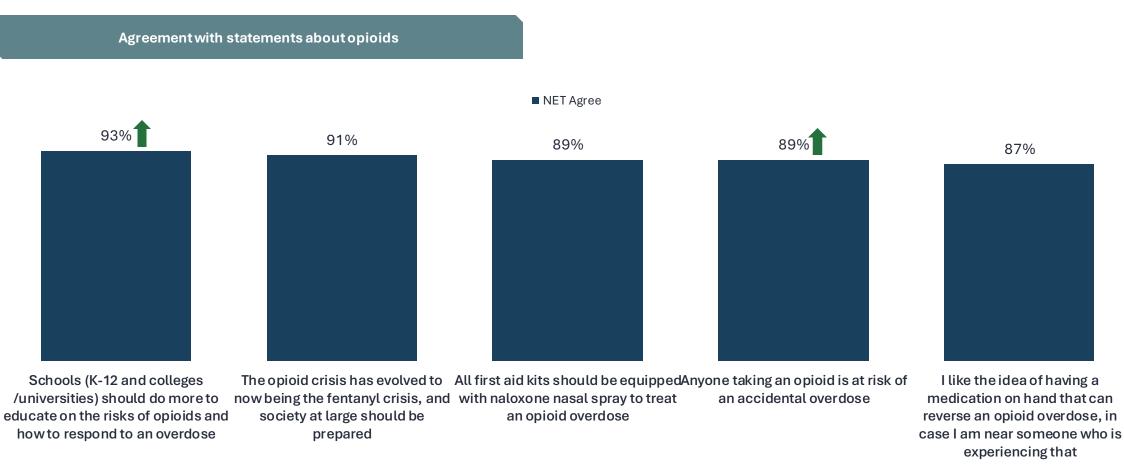
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At least 90% agree that schools, public libraries, dorms, and professionals who work with teenagers and college kids should have access to NARCAN® Nasal Spray

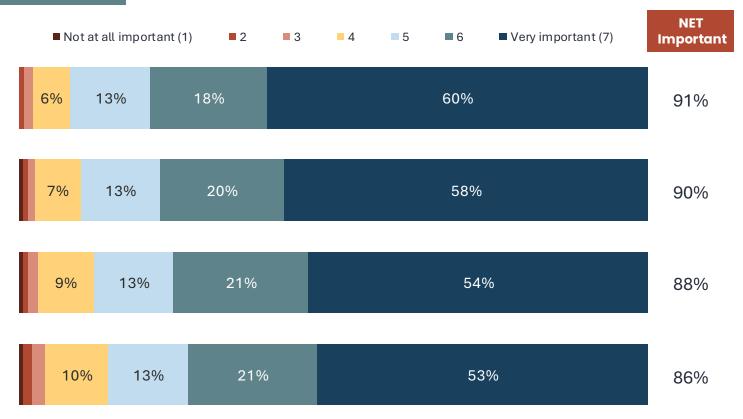
Importance of certain groups and individuals having access to NARCAN® Nasal Spray

All schools, public libraries and dormitories should have NARCAN[®] Nasal Spray available in case of an opioid overdose emergency

People who spend time with teenagers or college kids in a professional capacity (e.g. teachers, sports coaches, people who run youth clubs, etc)

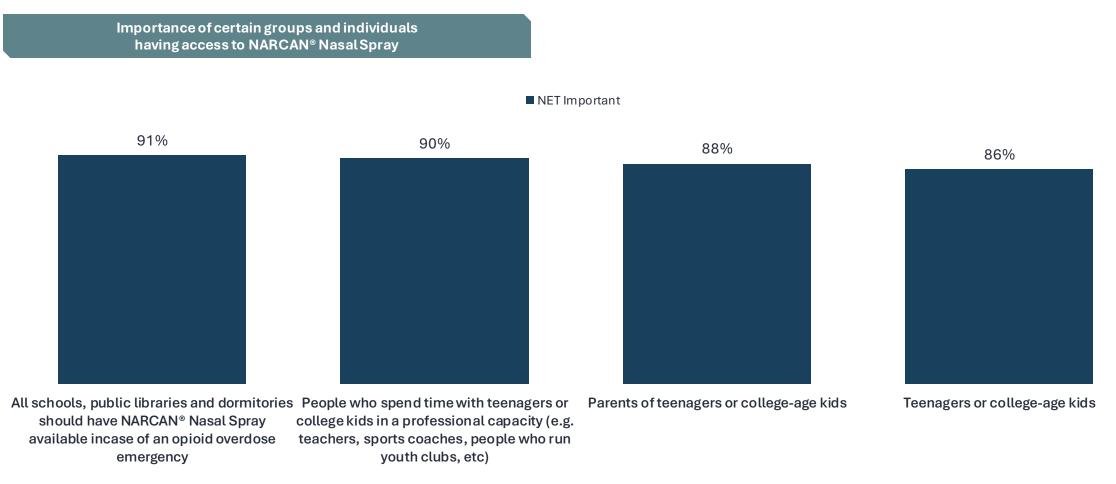
Parents of teenagers or college-age kids

Teenagers or college-age kids



Q9. Now thinking again about NARCAN® Nasal Spray in general, how important is it for the following groups of individuals to have access to NARCAN® Nasal Spray? Base: All respondents (1,005)

At least 90% agree that schools, public libraries, dorms, and professionals who work with teenagers and college kids should have access to NARCAN[®] Nasal Spray



Q9. Now thinking again about NARCAN[®] Nasal Spray in general, how important is it for the following groups of individuals to have access to NARCAN[®] Nasal Spray? Base: All respondents (1,005)

At least 91% agree that schools, public libraries, dorms, and professionals who work with teenagers and college kids should have access to NARCAN® Nasal Spray

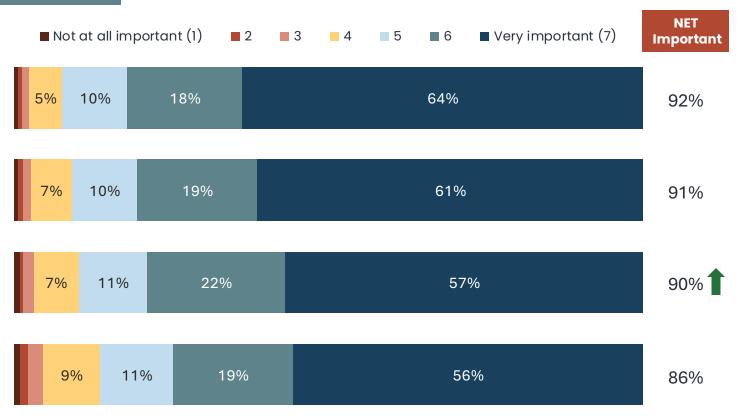
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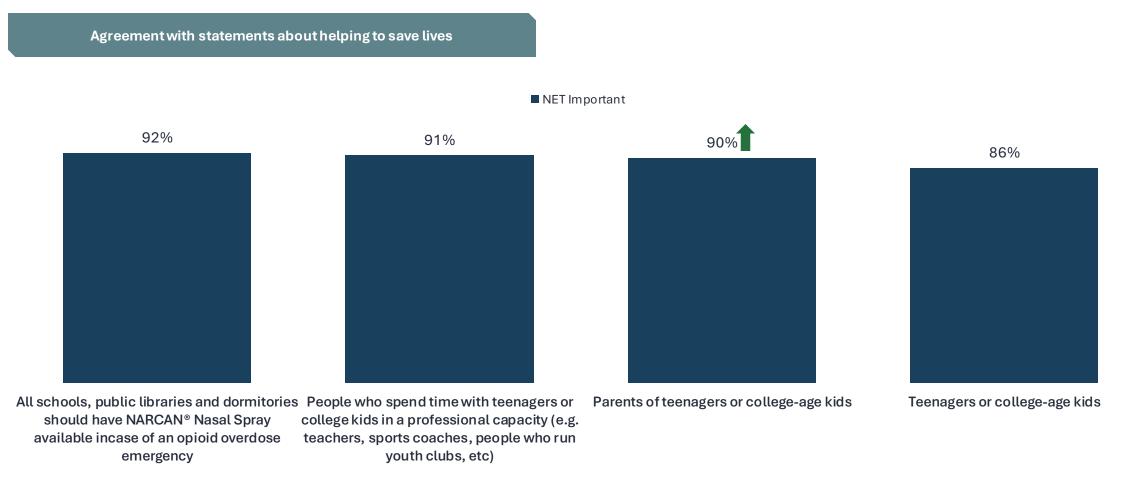
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At least 91% agree that schools, public libraries, dorms, and professionals who work with teenagers and college kids should have access to NARCAN® Nasal Spray



91% agree that if NARCAN[®] Nasal Spray was more accessible, people could save lives. 89% agree the fewer lives would be lost if more people had NARCAN® Nasal Spray

Importance of certain groups and individuals having access to NARCAN® Nasal Spray

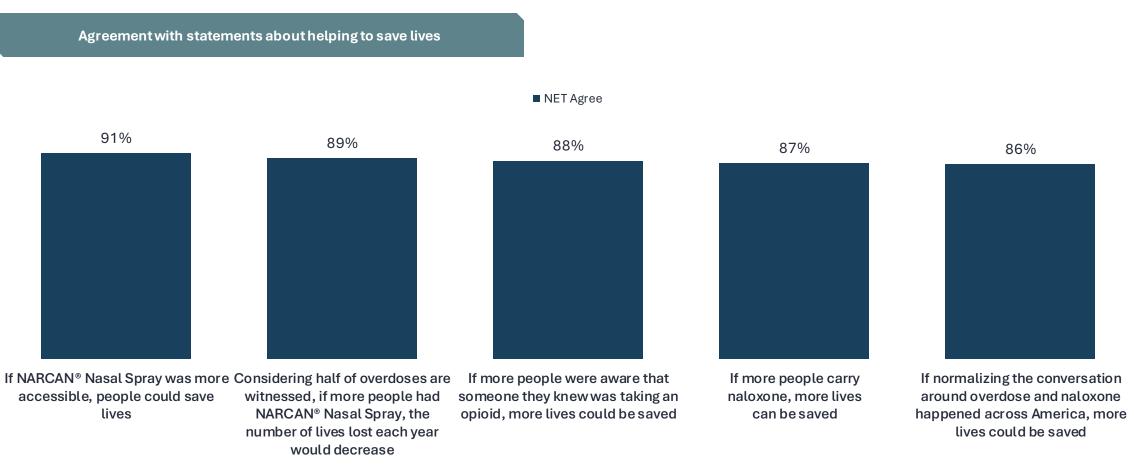
	■ Comp	oletely disagree (1) 2 3	4	■ 5 ■ 6	■ Completely agree (7)	NET Agree
If NARCAN [®] Nasal Spray was more accessible, people could save lives	7%	13%	23%	23%		56%	
Considering half of overdoses are witnessed, if more people had NARCAN® Nasal Spray, the number of lives lost each year would decrease	9%	13%	25%		52%		
If more people were aware that someone they knew was taking an opioid, more lives could be saved	9%	13%	25%		49%		88%
If more people carry naloxone, more lives can be saved	10%	14%	25%		48%		87%
If normalizing the conversation around overdose and naloxone happened across America, more lives could be saved	10%	15%	25%		46%		86%

Q10. Now thinking of ways to help save lives, for each statement, please indicate how much you agree or disagree with it by selecting the box that is closest to your opinion Base: All respondents (1,005)

HELPING TO SAVE LIVES

EMERGENT

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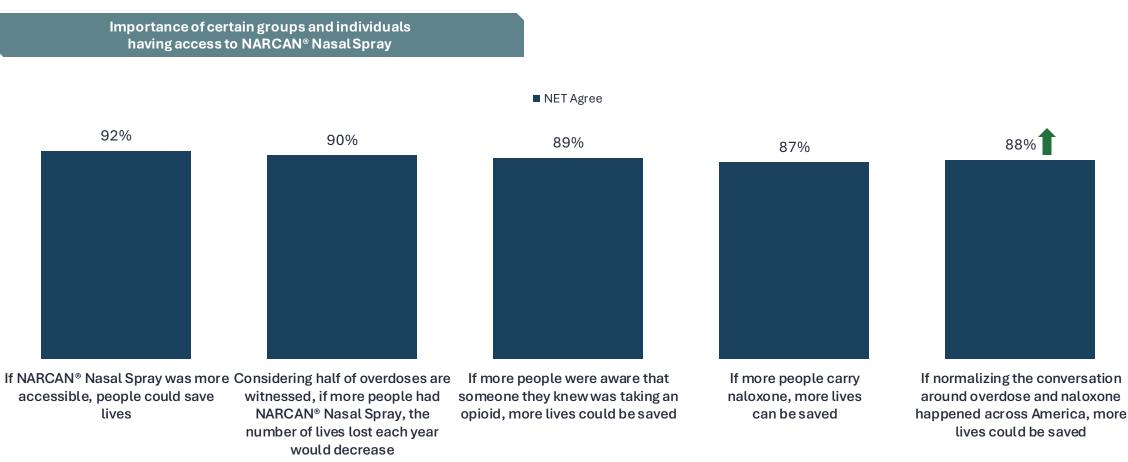
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Importance of certain groups and individuals having access to NARCAN® Nasal Spray

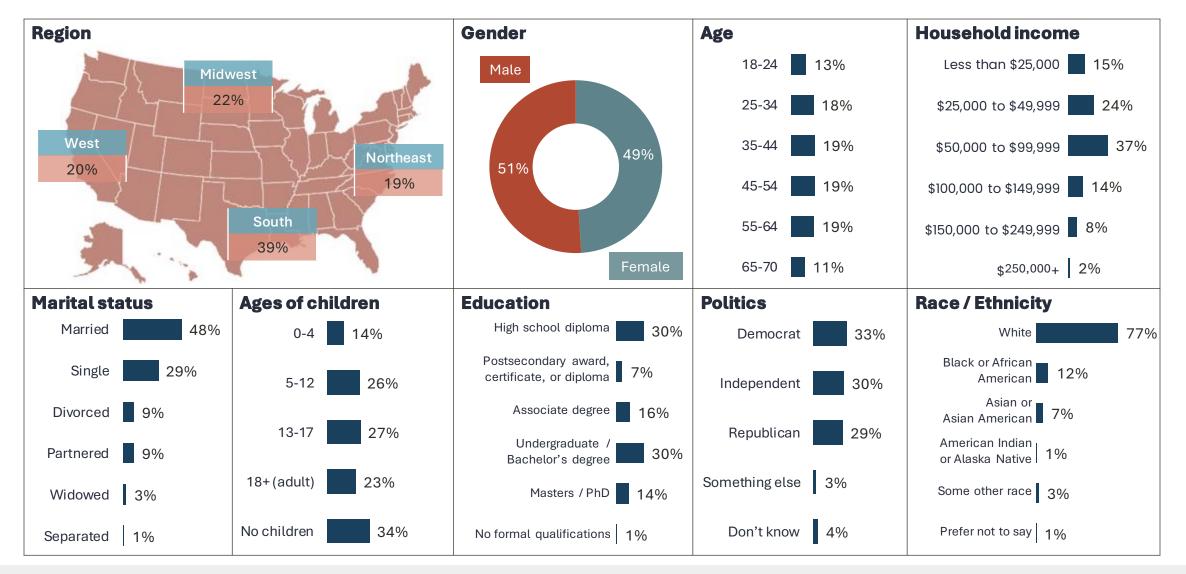
	■ Corr	npletely disag	gree(1) 2	■ 3	4 5	■ 6 ■ Completely agree (7)	NET Agree
If NARCAN [®] Nasal Spray was more accessible, people could save lives	6%	12%	21%			59%	92%
Considering half of overdoses are witnessed, if more people had NARCAN® Nasal Spray, the number of lives lost each year would decrease	7%	12%	24%			54%	90%
If more people were aware that someone they knew was taking an opioid, more lives could be saved	8%	10%	24%	24%		55%	89%
If more people carry naloxone, more lives can be saved	9%	12%	24%			51%	87%
If normalizing the conversation around overdose and naloxone happened across America, more lives could be saved	8%	14%	26%	6		48%	88% 🕇

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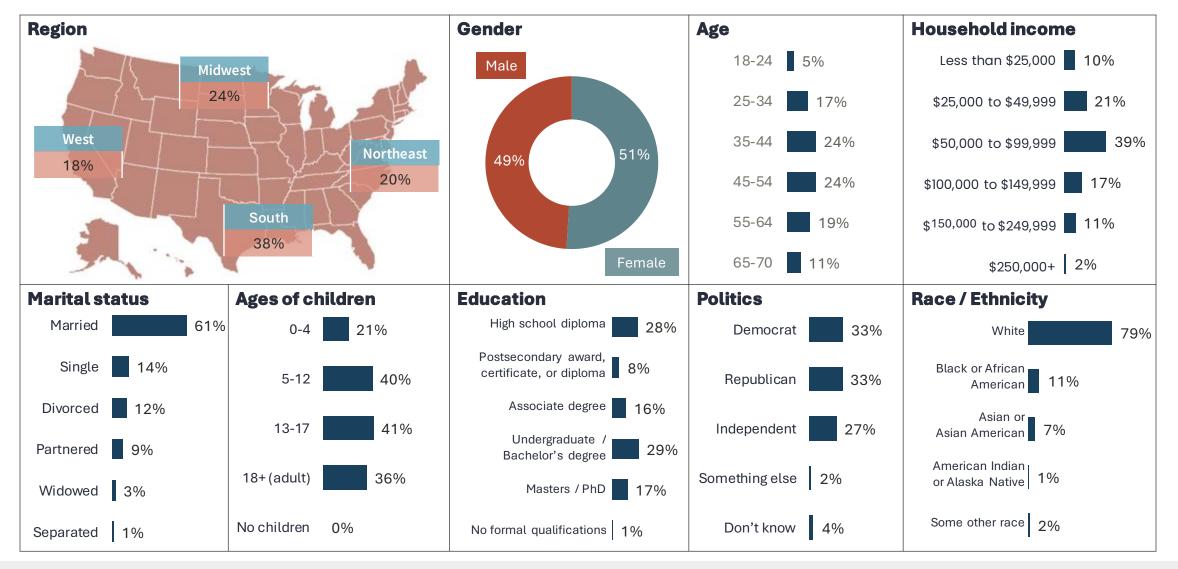
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Q10. Now thinking of ways to help save lives, for each statement, please indicate how much you agree or disagree with it by selecting the box that is closest to your opinion.



S1. Which gender do you identify as? S2. What is your age? S3. Which state do you live in? S4. Which of the following categories includes your total household income before taxes? S5. What is your marital status? S6. Are you a parent, stepparent, or guardian of any children of the following ages? C3. What is your highest level of education? C4. How would you describe yourself as? C5B. Which of the following best describes your race or ethnicity? Base: All respondents (1,005)



S1. Which gender do you identify as? S2. What is your age? S3. Which state do you live in? S4. Which of the following categories includes your total household income before taxes? S5. What is your marital status? S6. Are you a parent, stepparent, or guardian of any children of the following ages? C3. What is your highest level of education? C4. How would you describe yourself as? C5B. Which of the following best describes your race or ethnicity? Base: All parents (661)

www.emergentbiosolutions.com

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