

The Opioid Epidemic and Naloxone– An Evidence Based Strategy to Prevent Fatality

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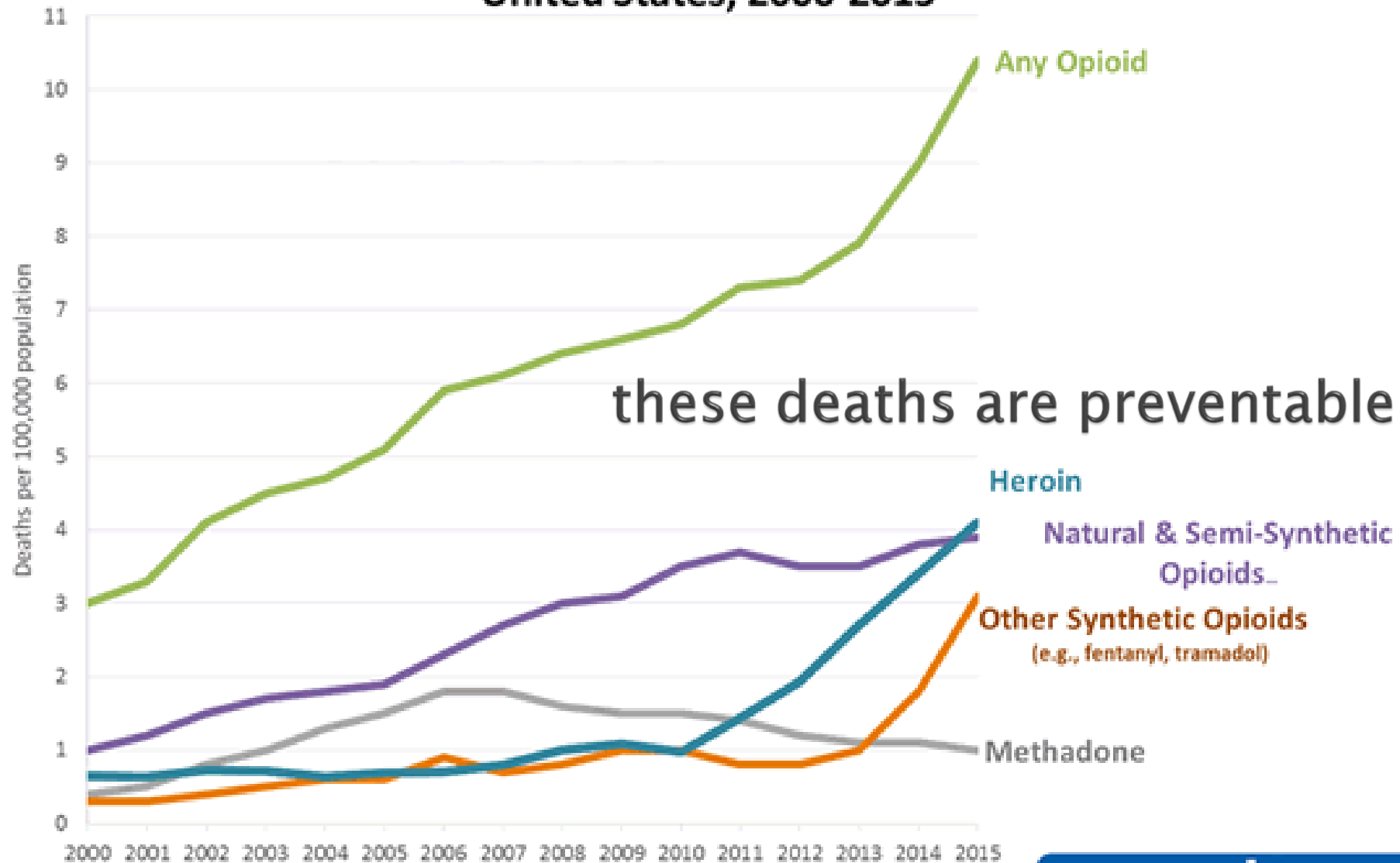
Red Project Basics

- ▶ A 501c3 non-profit founded in 1998
 - ▶ Mission: Improve Health, Reduce Risk, Prevent HIV
 - ▶ We utilize a Harm Reduction philosophy
 - The space in between prevention & treatment
 - Meeting people where they are at
 - Providing a range of options
 - Client centered
 - Low threshold approach
 - Pre-recovery supports
 - ▶ Health Issues: HIV, Hepatitis C, and Overdose
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Red Project Programming

- ▶ Overdose Prevention
 - ▶ Rapid HIV/Hepatitis C Testing
 - ▶ Risk Reduction Counseling
 - ▶ Syringe Access
 - ▶ HIV Linkage To Care & Case Management
 - ▶ Recovery Coaching/Access To Treatment
 - ▶ Support Groups
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- ▶ Red Project provides *comprehensive* programming along the *continuum of care*
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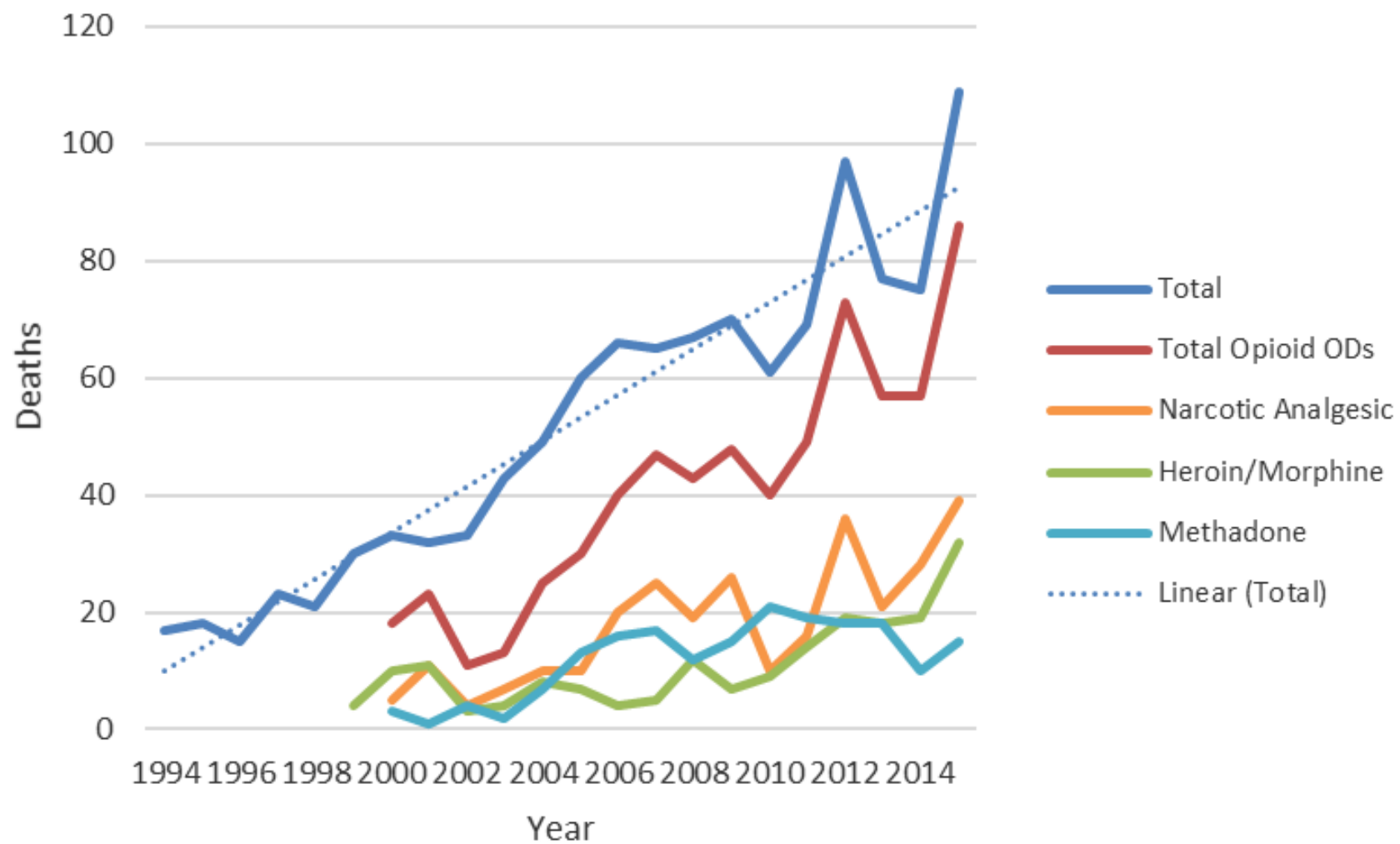
Overdose Deaths Involving Opioids, by Type of Opioid, United States, 2000-2015



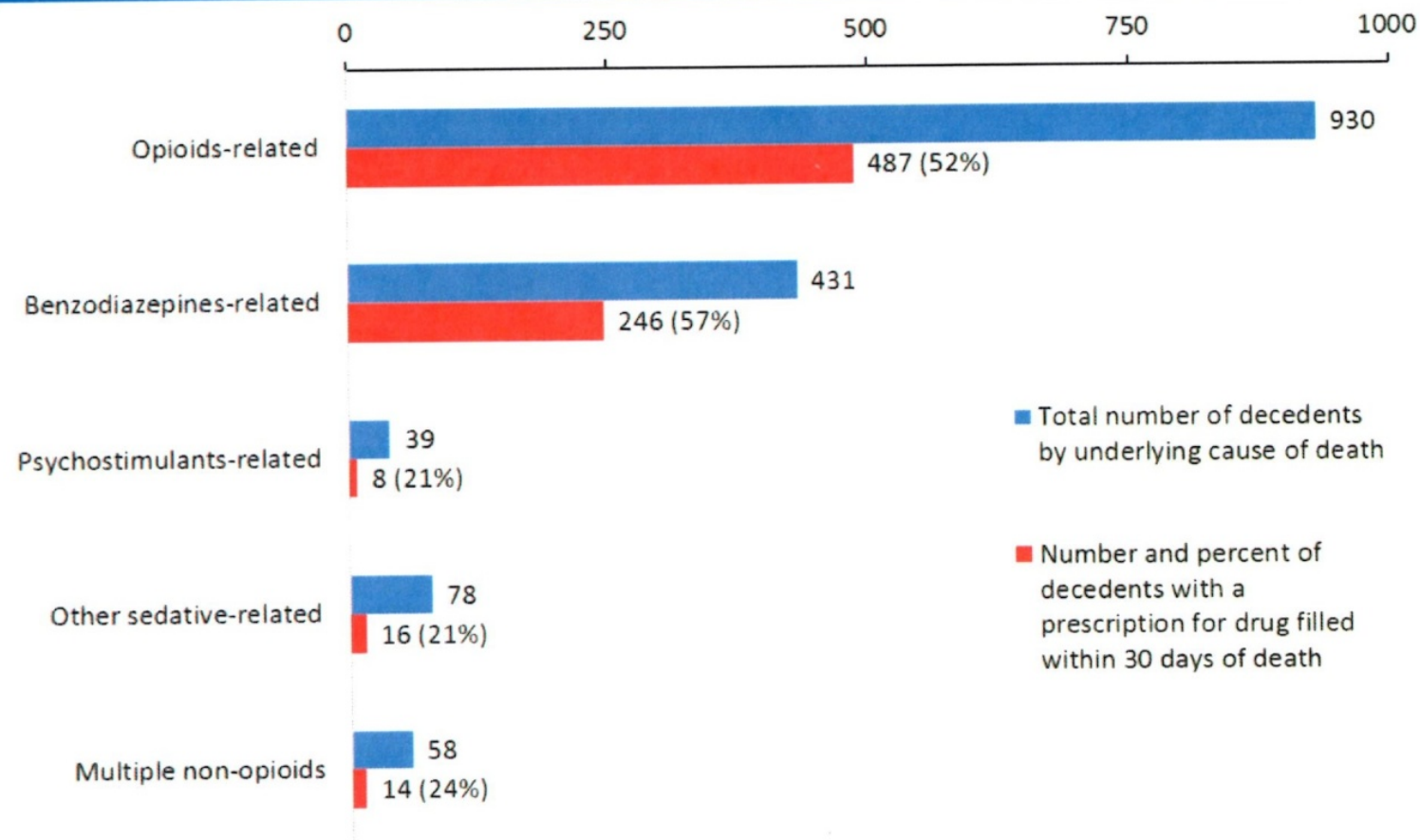
SOURCE: CDC/NCHS, National Vital Statistics System, Mortality. CDC WONDER, Atlanta, GA; US Department of Health and Human Services, CDC; 2016. <https://wonder.cdc.gov/>.

www.cdc.gov
Your Source for Credible Health Information

Kent County Drug Deaths by drug of first mention



**Figure 6. Decedents With a Recent Prescription Filled for the Drug Mentioned as a Cause of Death¹:
MI Overdose Decedents, 2009-2012**



1. Deaths are mutually exclusive.

Interpreting the Graphs

- ▶ How did we get here today?
- ▶ The '90s
 - Pain as a vital sign & patient satisfaction as a measure of doctor performance
 - Opioid availability increases, as does overdose
- ▶ c. 2008–current
 - Opioid overdose epidemic is recognized
 - Prescription opioids become less available
 - *Effective* treatment options not widely available
 - Heroin use (82% begin w prescription opioids) and overdose begins to increase
- ▶ Lessons– Reactionary vs Proactive, & a focus on Comprehensive Care

The Silver Lining



Naloxone



GR Area Programming

- ▶ Clean Works Program– October 2008
- ▶ Cherry St Health Methadone Clinic– 2012
- ▶ Network 180 and SUD Treatment– 2013
 - SA Turning Point, Arbor Circle IOP, Our Hope, Jellema House, Freedom House, Cherry St Health Methadone Clinic, Degage Open Door Women’s Shelter, Network 180 Access Center, etc
- ▶ Results (as of 3/29/2019)
 - 9,000+ individuals trained *which has led to 1,000+ reported reversals*
- ▶ The Future
 - Increased local collaboration/partnerships
 - Technical assistance and program support in “out-state”


What is the point?

- ▶ Massachusetts provides overdose education and naloxone distribution on a statewide level, supported through their health department
- ▶ Walley et al. *BMJ* 2013; 346: f174. found that:
 - 0 kits per 100,000 people resulted in a 0% change
 - 1–100 kits/100,000 people resulted in a 27% reduction in community overdose mortality rates
 - >100 kits/100,000 resulted in a 46% reduction
- ▶ Decreasing overdose mortality is dependent on increasing naloxone kit distribution

Table 2. Annual number and age-adjusted rate of drug overdose deaths involving all opioids^{2†}, by sex, age, race, and selected counties – Michigan, 2016-2017

	2016		2017		Change from 2016 to 2017 [‡]	
Decedent Characteristics	Number	Rate	Number	Rate	Difference of rates	% change in rate
All	1,788	18.8	2,053	21.4	2.6	13.8*
Sex						
Male	1,202	25.6	1,349	28.3	2.7	10.5*
Female	586	12.0	704	14.5	2.5	20.8*
Age group (years)						
15-24	152	11.0	160	11.7	0.7	6.7
25-34	503	40.5	579	45.6	5.2	12.7
35-44	411	35.5	458	39.6	4.1	11.6
45-54	385	28.6	437	33.0	4.5	15.7
55-64	279	20.0	335	23.9	3.9	19.5
65 and older	54	3.3	82	4.9	1.6	47.4
Sex and age group (years)						
Male						
15-24	108	15.3	100	14.3	-1.0	-6.3
25-44	640	53.2	704	57.8	4.6	8.7
45-64	417	31.1	493	37.0	5.9	18.9
Female						
15-24	44	6.5	60	9.0	2.5	38.5
25-44	274	22.9	333	27.6	4.7	20.4
45-64	247	17.7	279	20.1	2.4	13.4
Race						
White	1,461	19.7	1,640	21.9	2.2	11.2*
Black	276	18.2	353	23.7	5.5	30.2*
American Indian	25	28.7	26	29.8	1.1	3.8
Selected counties						
Wayne	538	30.6	636	36.1	5.5	18.0*
Macomb	262	30.6	320	37.5	6.9	22.5*
Oakland	§		§			
Genesee	120	31.8	131	35.3	3.5	11.0
Kent	64	9.9	102	15.9	6.0	60.6*
Ingham	66	25.9	63	21.9	-4.0	-15.4
St. Clair	56	39.2	50	35.9	-3.3	-8.4
Washtenaw	64	16.4	62	16.8	0.4	2.4
Monroe	43	31.4	48	35.0	3.6	11.5
Calhoun	41	33.1	44	36.8	3.7	11.2
Kalamazoo	54	22.6	44	17.0	-5.6	-24.8
Muskegon	33	20.1	34	23.0	2.9	14.4

2016–19 Expansions

- ▶ Direct Client Service Delivery
 - Muskegon County
 - Ottawa County
 - Allegan, Lake, Mason and Oceana
 - ▶ Technical Assistance/Program Start-Up
 - A statewide epidemic...
 - ▶ Law Enforcement Training
 - ▶ Kent County
 - Community Task Force
 - Medical Community
 - Post Overdose Wellness Visits
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Sources

- ▶ Centers for Disease Control
 - ▶ Kent County Medical Examiner
 - ▶ Red Project Internal Data
 - ▶ Physicians Desk Reference
 - ▶ The Chicago Recovery Alliance
 - ▶ Project Lazarus
 - ▶ Prescribe to Prevent
 - ▶ Walley et al
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