





Opioids and Addiction: A Public Health Approach to Change

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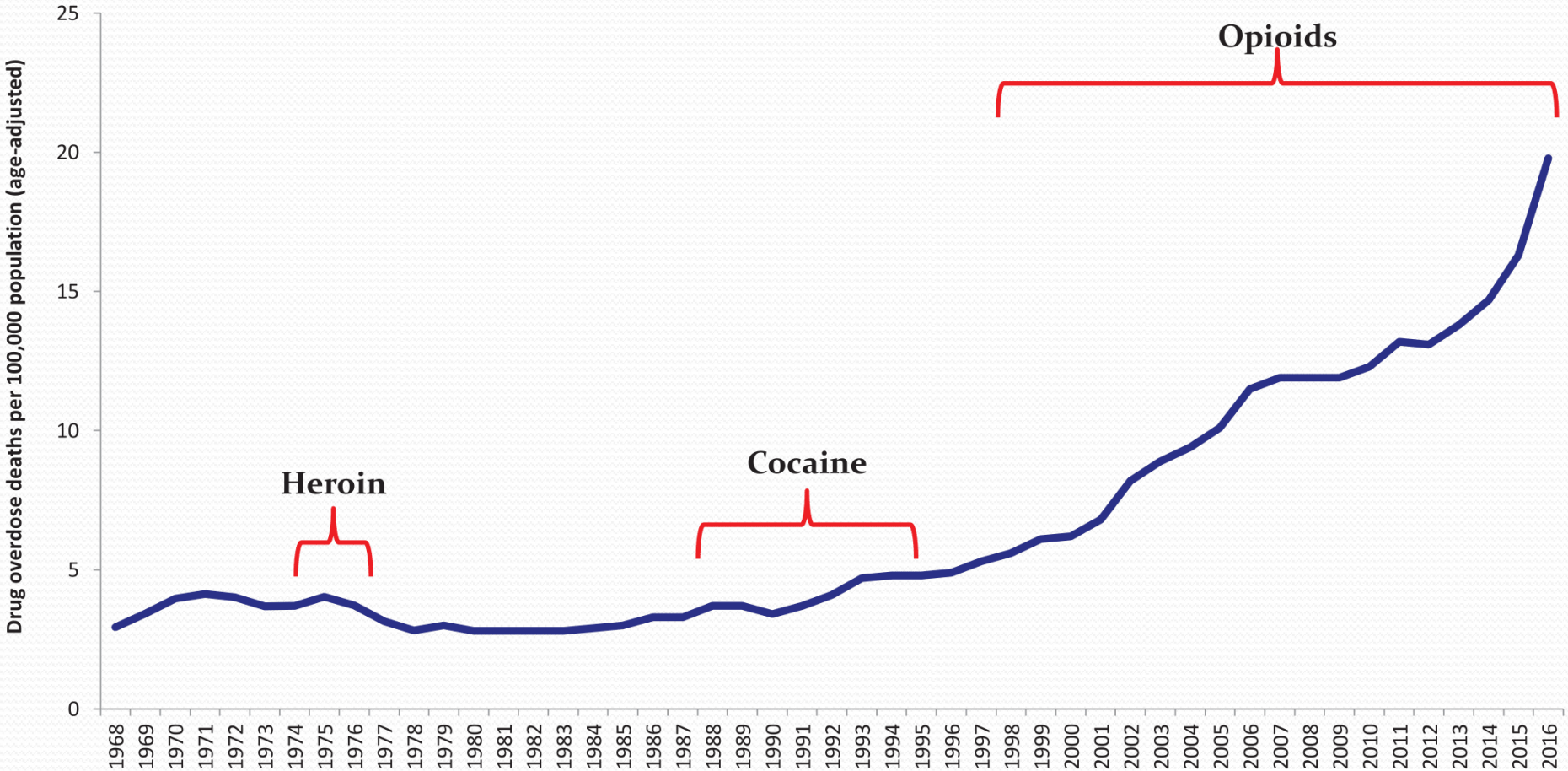
National Trends



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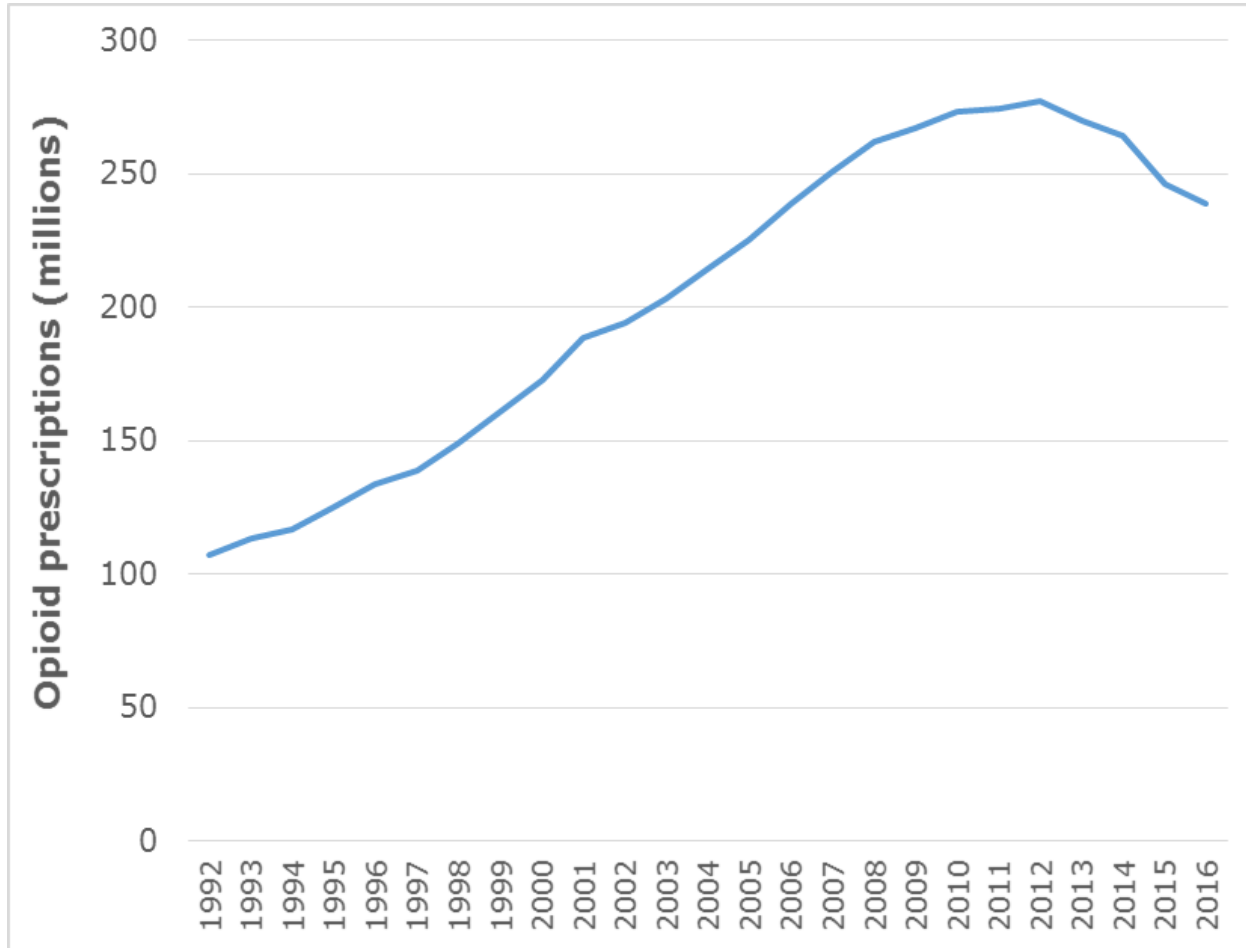


Overdose death rate, 1968 – 2016



Source: CDC WONDER, 1968-2016

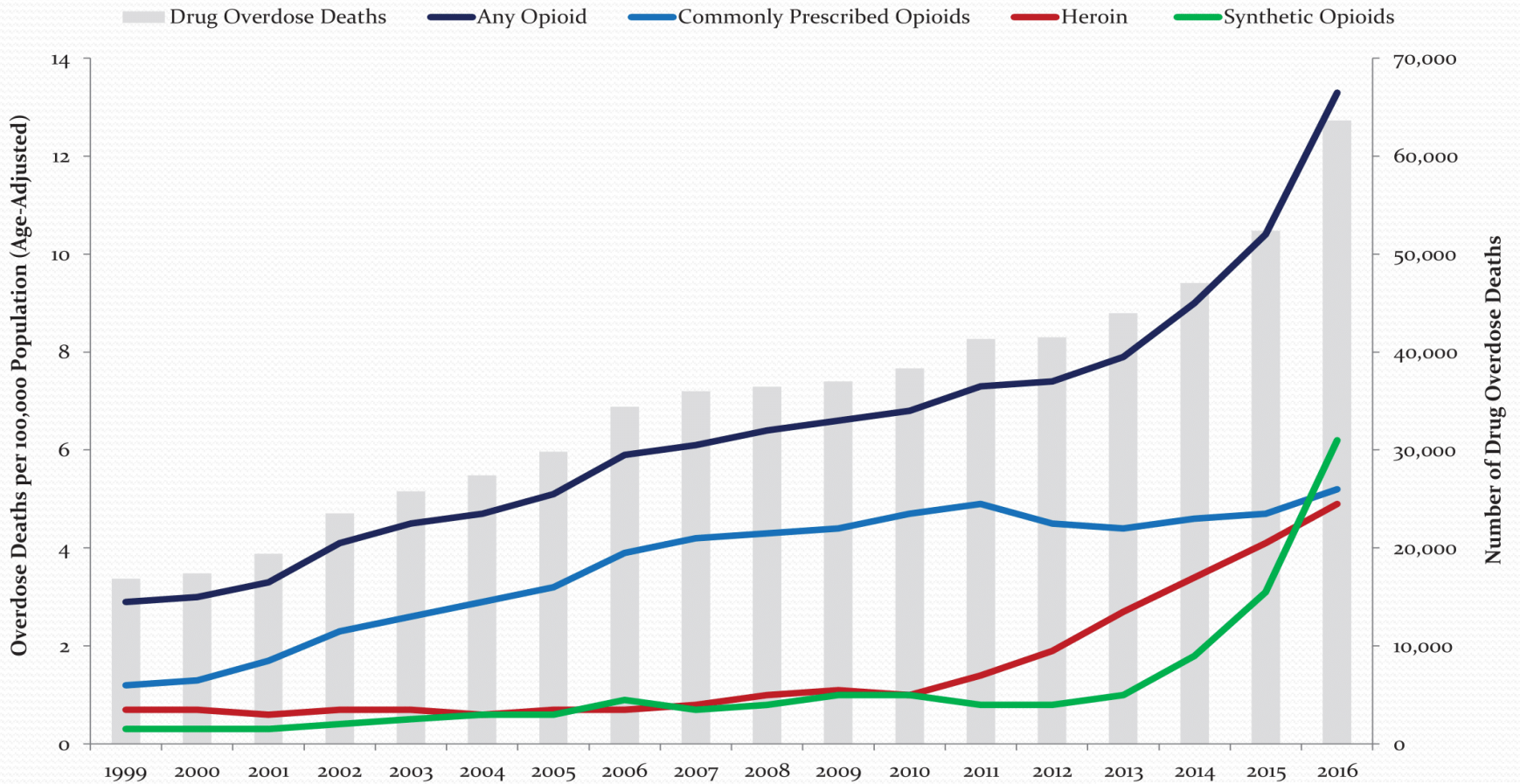
Opioid prescriptions (millions), 1992-2016



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The Opioid Epidemic Overdose death rate by drug, 1999-2016



Source: CDC National Vital Statistics System

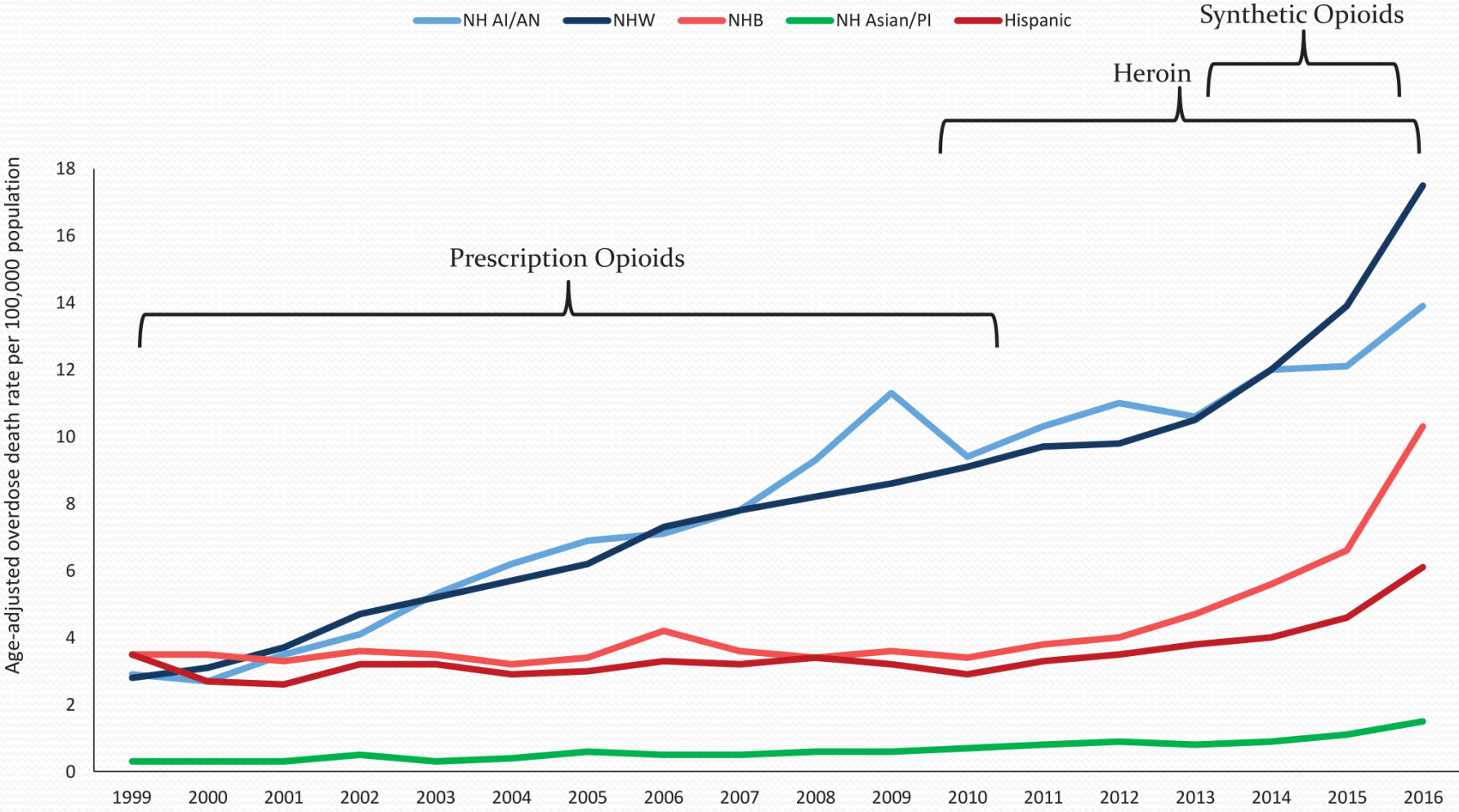


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Overdose death rates by race, 1999 – 2016

NH AI/AN NHW NHB NH Asian/PI Hispanic



Source: CDC National Vital Statistics System

Baltimore City Trends

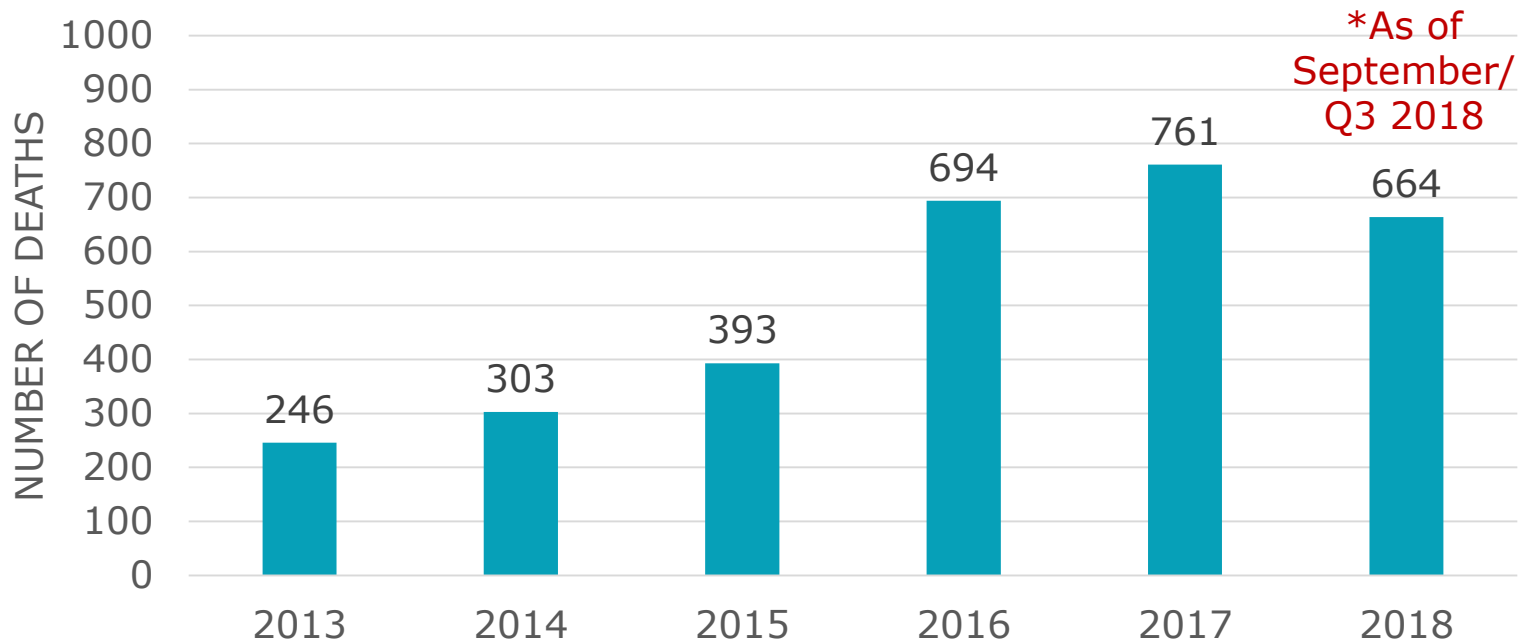


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Fatal Overdose

Baltimore City: Number of Fatal Drug and Alcohol Overdoses, by Year



In 2018*, 566/664 (85%) drug and alcohol overdose deaths were related to fentanyl.



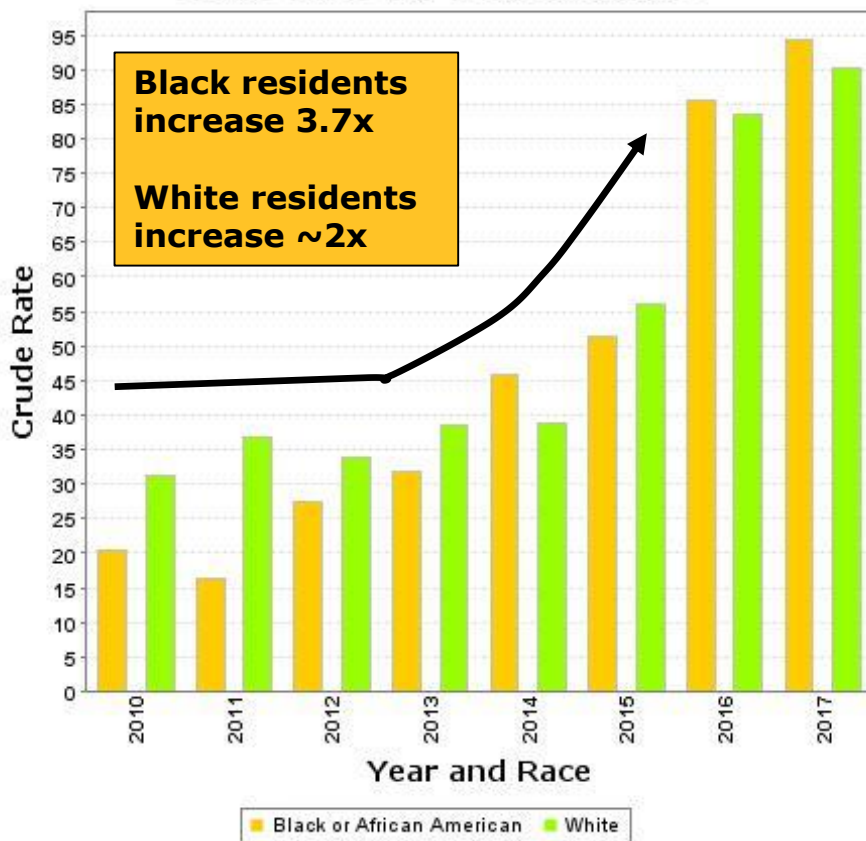
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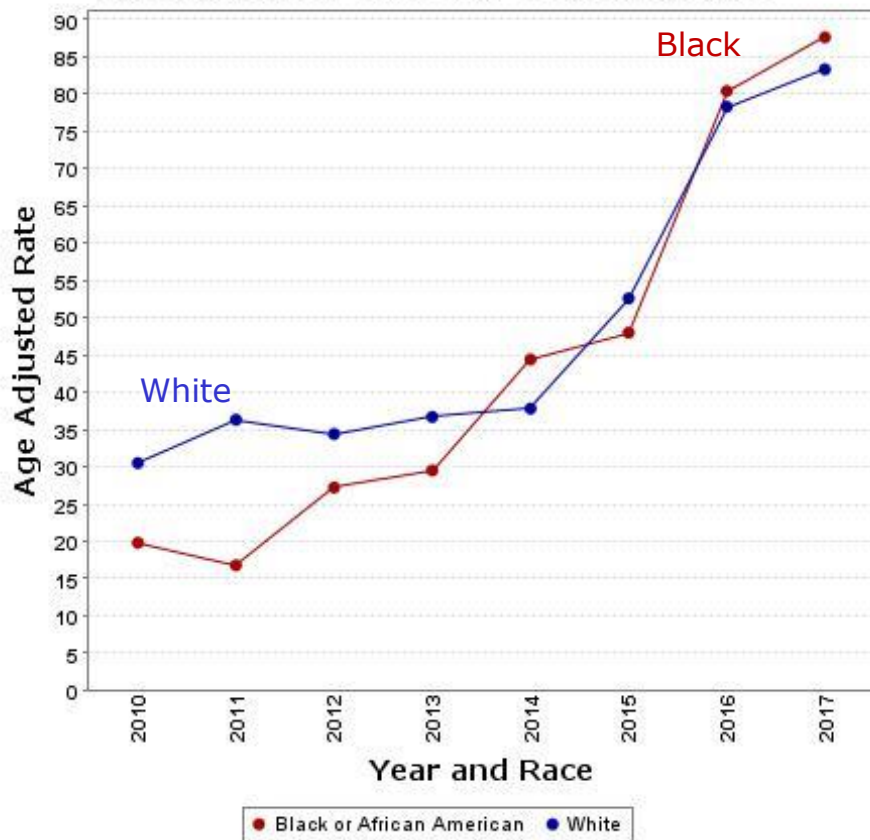
Baltimore City: Fatal Drug Overdose Rate, by Race and Year, 2010-2017

Source: CDC Wonder – Underlying Cause of Death: <https://wonder.cdc.gov/controller/saved/D76/D55F192>. Accessed on 3/27/2019. ICD-10 codes: X40-X44, X60-X64, X85, Y10-Y14.

Crude Rate By Year and Race



Age Adjusted Rate By Year and Race



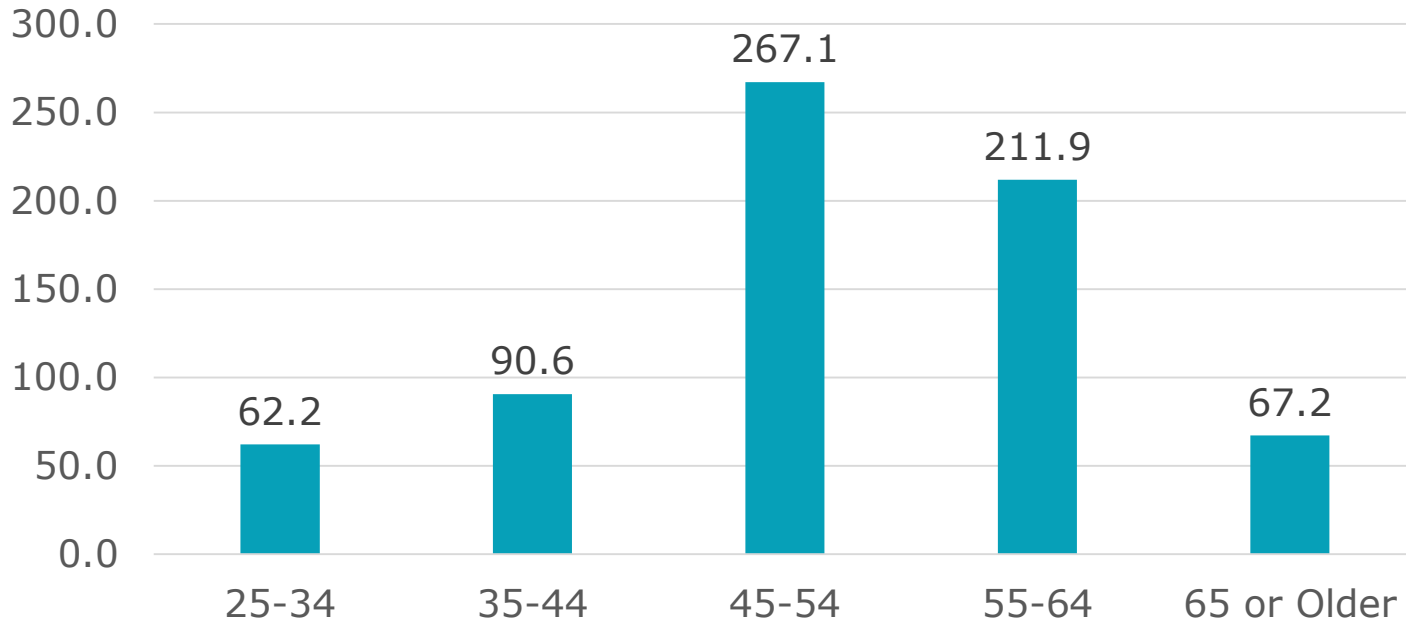
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Age-Specific Fatal Drug Overdose Rates

Source: CDC Wonder - Underlying Cause of Death: <https://wonder.cdc.gov/controller/saved/D76/D55F199>.
Accessed on 3/27/2019.

Baltimore City, by Age Group
Fatal Drug Overdose Rates, 2017



The 45-54 age group has the highest fatal drug overdose rate.

Note: Under 25 age group had 13 deaths and its rate is suppressed due to small numbers.



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Baltimore City: Fatal Drug Overdoses, Place of Death, 2017

Place	Deaths (%)
Decedent's Home	303 (55%)
Medical Facility – Outpatient or ER	100 (18%)
“Other”	93 (17%)
Medical Facility – Inpatient	49 (9%)

Having naloxone kits remain vital since many fatal overdoses occur in the home.

Source: CDC Wonder - Underlying Cause of Death:

<https://wonder.cdc.gov/controller/saved/D76/D55F205>. Accessed on 3/27/2019.



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Baltimore City's 3-Pillar Strategy

1

Save lives with naloxone

- Standing order
- Community naloxone training
- EMS leave behind
- Non-fatal spike response

2

Increase access to treatment

- Linkage-to-treatment via needle exchange
- Ambulance-based outreach
- Stabilization Center
- Hub & Spokes
- Levels of Care
- Real Time Capacity Tool

3

Reduce stigma

- Don't Die campaign
- L.E.A.D. program



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Community impact by the numbers

1



58,700+
trained to
use naloxone

2



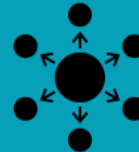
4,550 Narcan
administrations
by residents

3



6,857
naloxone
trainings

4



58,988
naloxone kits
distributed

*Data: January 2015 - present



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Moving forward by expanding the 3-pillar strategy

- 1 Save lives with naloxone
- 2 Increase access to treatment
- 3 Reduce stigma

- 1
 - Expand community trainings, especially to businesses
 - Increase naloxone saturation via price reductions, insurance-use, etc.

- 2
 - Increase access to treatment (MAT) for those in the prison setting
 - Increase amount of mobile care
 - Better connect Hub & Spoke system

- 3
 - Reduce stigma to improve care and increase funding through vehicles like the CARE Act
 - Expand Don't Die campaign



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Lessons Learned



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What Can You Do



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Get Naloxone—Save A Life

- Signs of an OD: unresponsive, no/little breathing, purple/grey lips & fingertips
- 1) Attempt to rouse
 - 2) Call 911
 - 3) Administer naloxone
 - 4) Second dose if necessary



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Get Naloxone—Save A Life

Map of Pharmacies that stock Naloxone

www.dontdie.org



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Thank you for your time Questions?

*Contact Jennifer Martin at
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if you have any questions.*



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