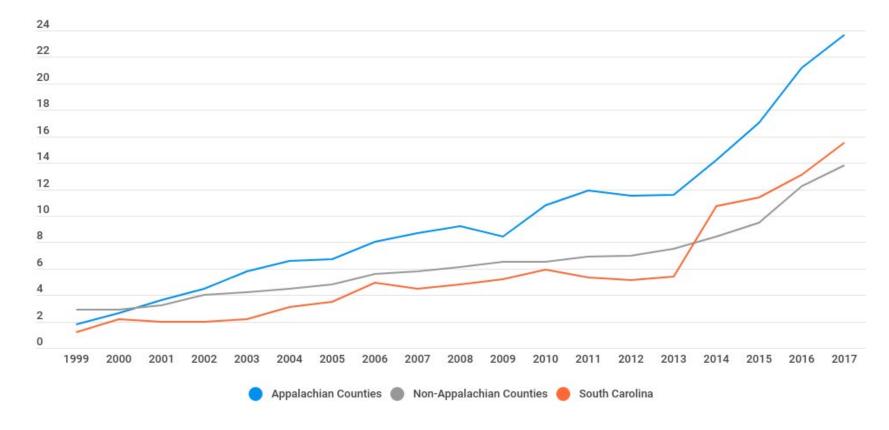


APPALACHIAN COUNTIES IN THE EYE OF THE STORM

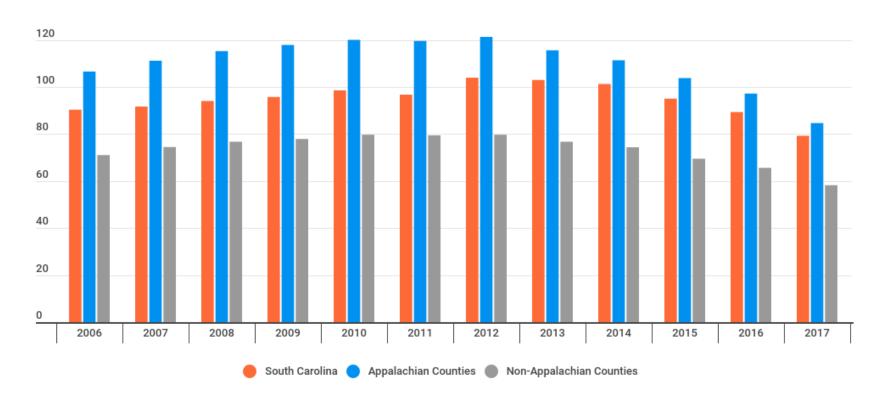
Age-Adjusted Opioid Overdose Death Rates, per 100,000 residents, 1999-2017



In 2017, the opioid overdose death rate was **72% higher** in Appalachian counties than in non-Appalachian counties.

OPIOID EPIDEMIC: SUPPLY SIDE

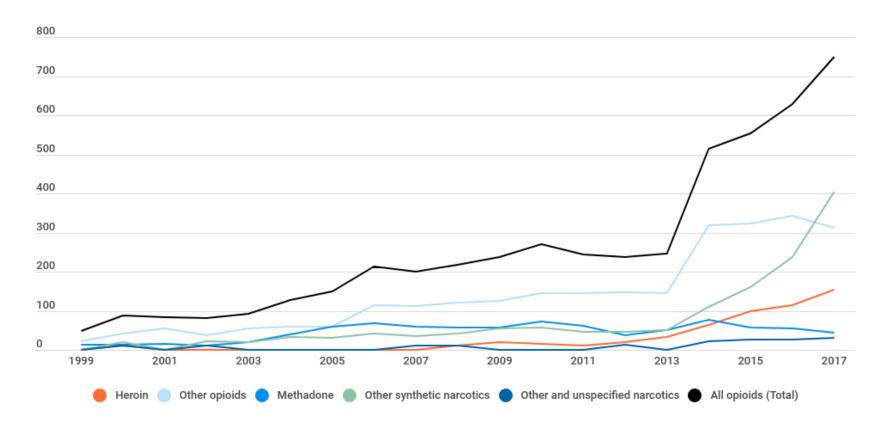
Opioid Prescription Rates, per 100 residents, 2006-2017



In 2017, the opioid prescription rate in South Carolina was 79.3 prescriptions per resident - 36% higher than in non-Appalachian counties.

OPIOID EPIDEMIC: DEMAND SIDE

Total Opioid Overdose Deaths, by Type of Opioid, 1999-2017



From 1999-2017, opioid abuse progressed from legal, prescription opioids to illegal opioids, like heroin and fentanyl.

WHY COUNTIES?

Counties are on the frontlines due to their involvement in:









RECOMMENDATIONS

- Exercise strategic local leadership
 - Set a tone of compassion
 - Opioid Task Forces
 - Regional cooperation

- 2. Emphasize preventive and educational initiatives
 - Safe disposal sites
 - Community outreach
 - Data and technology

Case Studies: Ross County, Ohio and Mercer County, W.Va.

Case Study: Allegany County, Md.

RECOMMENDATIONS

- 3. Expand access to addiction treatments
 - Naloxone and MAT
 - Telemedicine
 - Mental health treatment

Case Studies: Project Lazarus (Wilkes County, N.C.)

- 4. Criminal justice response to illegal opioids sales; treatment and services to justice-involved individuals
 - Reduce illicit opioids
 - Treatment and workforce training in jails
 - Housing and employment opportunities

Case Studies: A New Beginning (Campbell County, Tenn.)

RECOMMENDATIONS

- 5. Mitigate local economic impacts and consider new economic development strategies
 - Collaborate with educational institutions
 - Help businesses learn to work with individuals in recovery
 - Reinforce safety net services
 - Expand entrepreneurial opportunities

Case Studies:

Housing Development Alliance (Perry County, Ky.)
Coalfield Development Corporation (Lincoln, McDowell, Mingo and Wayne Counties, W.Va.)

CONCLUSION

- 45,000 deaths due to opioid overdoses nationwide in 2017
- 5,600 of these deaths were in Appalachia
- Counties must partner with states, with the federal government and regionally with municipalities and other counties to pool their resources and develop solutions together.

QUESTIONS?





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