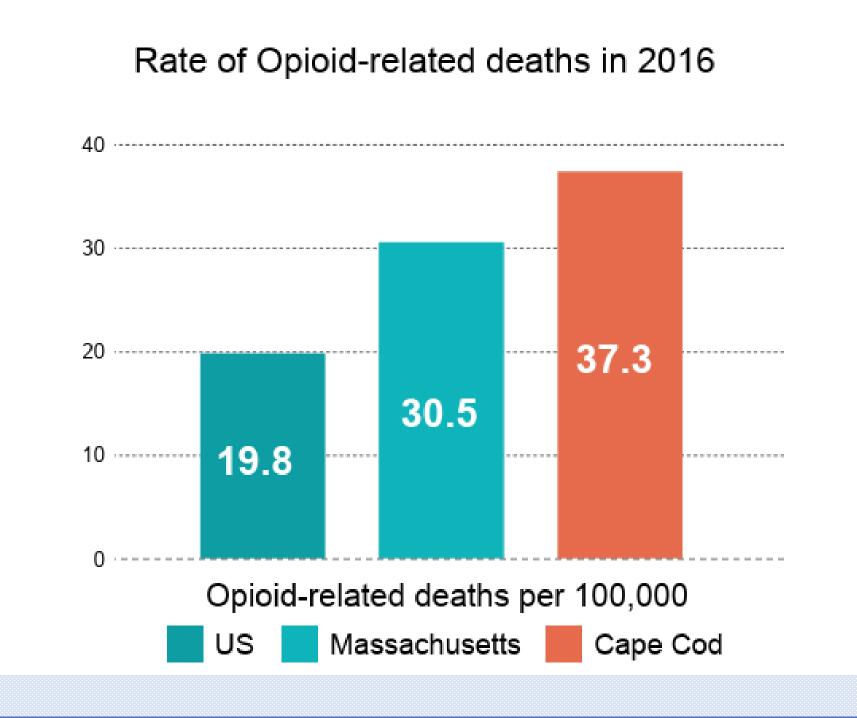


Opioid Crisis on Cape Cod

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Problem

Cape Cod, Massachusetts is home to some of the highest rates of opioid abuse in the country, with blue-collar workers being at the highest risk of usage



Blue-collar Workers

2 times

greater risk of overdosing than other occupations due to



Seasonal economy



Occupational injuries



Pressure to return to work

Community of focus

Cape Cod's vocational-technical high school students will feed into the blue-collar population, putting them at high risk, in combination with preexisting mental health and emotional problems compounded by stress of academics and choosing a trade



Our Solution

We will develop an educational program that aims to reduce the risk of opioid abuse, with mentors from the blue collar workforce and that better utilizes available school counselors.



1 st

trimester

2nd

trimester

3rd

trimester

Educational program



Make students aware of counselors, support groups, hotlines, and mental wellness classes



Identify and discuss causes and effects of drug use among the school community



Career planning and college readiness

Blue collar worker guest speakers give insight into career and risks

Collaborate with Gosnold



Existing counselors at the school coordinate blue collar workers to speak with students to discuss benefits, challenges, and stresses associated with the trade and how to combat these risks.

Create



Compile a curriculum

Partner



Form subdivision within **School Based Programs** through Gosnold

Present



Meet with the schools and present solution with Gosnold

Implementation



Assessment

Obtain qualitative data from students about the program through surveys and monitor opioid statistics

Reference:

- Beal, A. (2018, November 28) Personal phone interview.
- Blendon, R. J., & Benson, J. M. (2018). The Public and the Opioid-Abuse Epidemic. New England Journal of Medicine, 378(5), 407–411. https://doi.org/10.1056/nejmp1714529
- Harik, V., Janiszewski, M., & Allen, N. Analysis of opioid-related overdose deaths on Cape Cod, 2004–2014: implications for trades/service workers and the straight-to-work population. Barnstable, MA: Barnstable County Department of Human Services; 2017.
- O'Leary, D. (2018). The unfortunate connection between childhood trauma and addiction in adulthood. *Dual Diagnosis*. Retrieved from
- https://www.dualdiagnosis.org/unfortunate-connection-childhood-trauma-addiction-adulthood/
- Salvatore, N. (2018, November 26) Personal phone interview.
- School Based Programs. Gosnold. Retrieved from https://gosnold.org/school-based-programs/
- Walter, A., Morocho, C., King, L., Bartlett, J., Kelsey, D., DeSousa, M., . . . Punnett, L. (2018). Preventing Opioid Use Disorders among Fishing Industry Workers. *International Journal of Environmental Research and Public Health, 15*(4), 648 .https://doi.org/10.3390/ijerph15040648
- Gosnold Logo [Digital image]. (2014, October 1). Retrieved December 3, 2018, from https://capecodgethired.com/wpcontent/uploads/Gosnold-logo2.jpg