



Fighting Addiction in the Carroll County Area



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Science, Discovery, and the Universe--- Aerospace Engineering

BMGT289A

This class is all about social enterprises and how entrepreneurs can cause positive social change through business endeavors.

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image : https://www.firstrepublic.com/-/media/frb/images/community-giving/community_town_1600x591.jpg

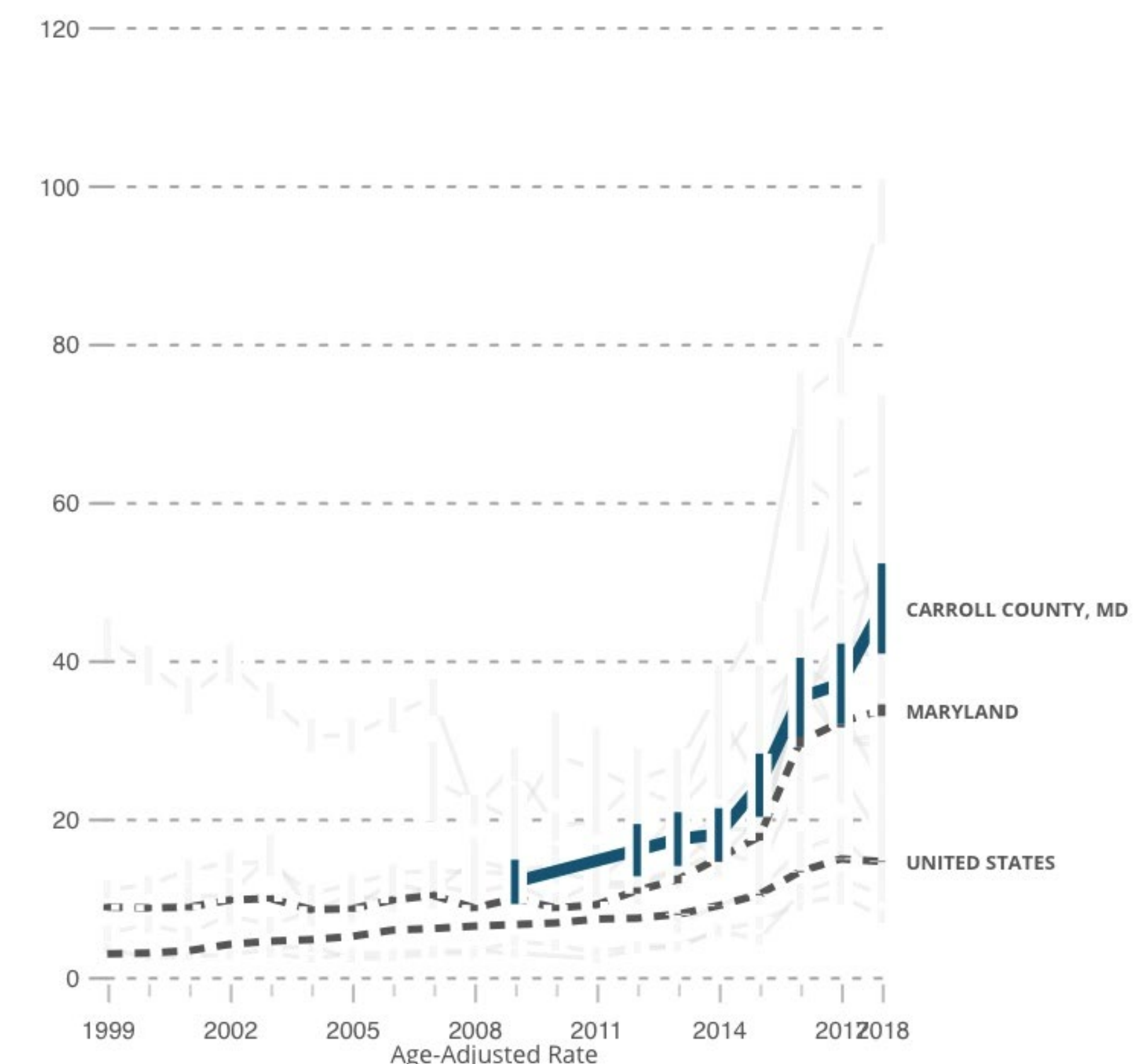
ISSUE

Opioid use has plagued much of the United States and my group and I wanted to investigate how a social enterprise could potentially cause positive change. We decided to focus on Carroll County, MD which is an area with high rates of opioid use and overdoses.

ACTIVITIES

- Researched areas affected by opioid use in Maryland, specifically in Carroll County
- Researched potential solutions to the opioid epidemic, including already existing programs such as AA and NA
- Designed a social enterprise that would benefit those suffering from addiction by building a supportive network around them
 - We would organize and run social activities and networking events so addicts could build a support group around them and gain connections that could help them with employment opportunities, support, etc.
- We hope to employ former addicts so they can help others who are in the same position as them

Opioid Deaths per 100,000 Pop.



Graph from:

<https://www.livestories.com/statistics/maryland/carroll-county-opioids-deaths-mortality>

Opioid Related Deaths in Carroll County 2007-2016



Graph from:

<https://www.baltimoresun.com/maryland/carroll/news/ph-cc-dhmm-overdose-numbers-20170610-story.html>

IMPACT

We estimate this will have a very big impact on the Carroll County region by lowering the rates of addicted users, as well as overdoses and hospital visits. We also estimate that this will have a big economic impact by generating a social return on investment (SROI) of \$100,000 in five years.

FUTURE WORK

There is definitely a lot of work to be done in the future. We hope to expand past Carroll County, MD, eventually helping all of Maryland, then all of the East Coast before expanding further. We also wish to expand past just opioids, as there are many substances that people are addicted to.

ACKNOWLEDGEMENTS

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