

# A Novel Study of Premature Sudden Death

Gabriella Day<sup>1</sup>, Andrew Cesmat,<sup>2</sup> Alia Capone<sup>2</sup>, Elizabeth Senter<sup>1</sup>, MPH, Ross J. Simpson, MD, PhD<sup>1,2</sup>



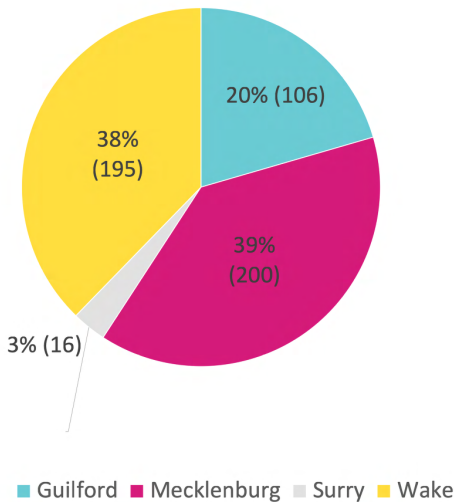
<sup>1</sup>Division of Cardiology, University of North Carolina, Chapel Hill, NC

<sup>2</sup>UNC School of Medicine

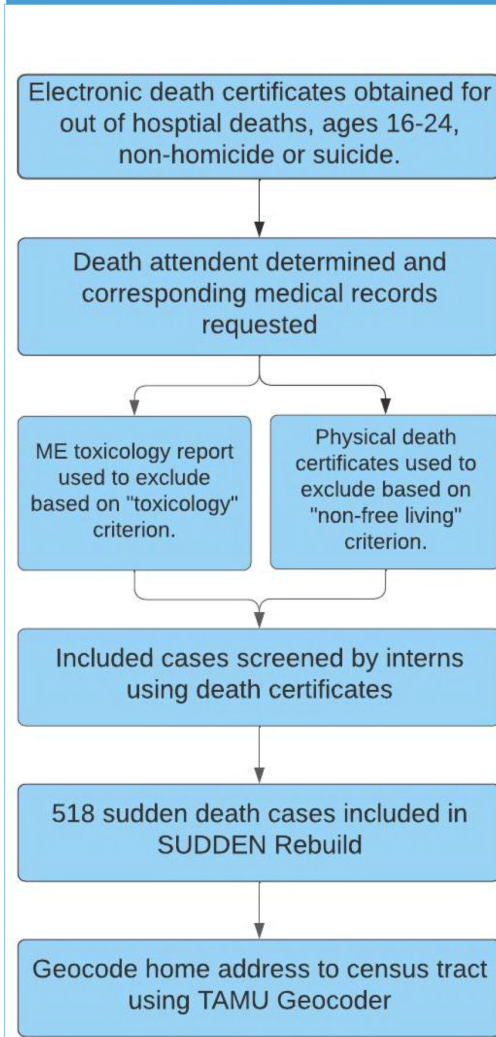
## Introduction

- The annual incidence of sudden death is between 180,000 and 250,000 in the United States.<sup>1</sup>
- Previous data collection is extensive and has exclusion criteria that leads to the underreporting of sudden death cases.<sup>2,3,4</sup>
- Better data is needed to accurately determine sudden death risk and mortality in North Carolina.

### County contributions to new sudden death dataset



## Methods



## Results

### Demographics and location of sudden death victims in SUDDEN Rebuild vs SUDDEN Pilot

	SUDDEN Rebuild (n=518)	SUDDEN Pilot (n=190)
	% (n)	% (n)
Median Age	54	53
Male	66% (343)	64% (122)
Black/African American	37% (192)	35% (66)
Non-Hispanic	98% (505)	97% (184)
Married	34% (178)	33% (62)
Food desert	20% (103)	23% (88)
Urban	87% (452)	89% (336)

## Conclusion

- Case adjudication in the SUDDEN Rebuild dataset is more efficient than that of the SUDDEN pilot dataset.
- Demographic data is consistent between SUDDEN Rebuild and SUDDEN Pilot.
- Further study is needed to explain the undercounting of Hispanic deaths.

## References

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