#### MaineHealth MaineHealth Knowledge Connection

Costas T. Lambrew Research Retreat 2021

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#### The Maine Lung Cancer Coalition: A Statewide, Multi-Sector Partnership to Improve Evidence-Based Lung Cancer Prevention & Screening

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## Preliminary evidence suggests a state-based coalition implementing multi-level interventions can help reduce lung cancer burden

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## Introduction

MLCC has **two primary goals**:

- 1. Engage and educate about evidencebased lung cancer prevention and screening practices
- 2. Develop, implement, and evaluate innovative programs to increase access to prevention, screening, and treatment services for all Mainers

## Method and Results

We used both process and outcome measures to evaluate:

**Clinical Practice &** Quality Improvement

## Learning Community (2016-2019)

- 6 meetings
- 22 hospitals participating

## Statewide webinars (2017-2018)

- 9 webinars
- 165 healthcare professionals attending
- 66% (N=108) attendees from rural communities

#### Legislation

- proclamation

#### Advocacy



# The Maine Lung Cancer Coalition:



**Policy & Advocacy** 



• LDCT Reimbursement Bill Radon School Testing Bill • Maine State Tobacco 21 Radon Awareness Month

 12 Patient and Family Advisory Board meetings

## Research & Data Analysis



- LDCT Screening Uptake
- Rural residents comprised 71% (*N*=2652) of those screened in 2018
  - Up from 52% (N=197) in 2015 (p<0.001)
- Age- and sex-adjusted lung cancer screening rates increased in all HSAs from 2015-2018

Take a picture to download the full presentation

## A Statewide, Multi-Sector Partnership to Improve Evidence-Based Lung Cancer Prevention & Screening

## Conclusions

The Maine Lung Cancer Coalition has been successful in engaging healthcare providers in educational activities aimed at promoting evidence-based lung cancer prevention and screening practices in a rural state with a high burden of lung cancer and increasing utilization of screening.

**Future directions** for the MLCC include studying the integration of tobacco treatment and lung cancer screening, and developing a social media campaign focused on reducing stigma around lung cancer.

Implementation & Messaging

## **Public Awareness and** Education

- Lung Cancer awareness social media campaigns
- Radon Awareness social media campaigns

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