

2016-2017
California Health
Interview Survey Results



January 2019

Objectives

- Discuss effort to survey residents in 2016 and 2017 in northern Imperial County
- Provide overview of the California Health Interview Survey
- Present results from 2016 and 2017 surveys in northern region
- Discuss how to learn more about health data

Background

County Supervisors support conducting a survey to collect information about residents' health in northern Imperial County

Commitment to better understand health concerns and issues

Addressing the Challenge

California Health Interview Survey

- Telephone survey focusing on health issues
- Largest statewide survey in nation
- About 50,000 households throughout California interviewed annually, including about 250 in Imperial County overall

Survey Health Topics

Health Conditions

- Diabetes
- Heart Disease
- Cancer
- Oral Health

Health Behaviors

- Smoking
- Physical Activity/Exercise
- Diet
- Social Support

Health Outcomes

- Health Status
- Mental Health

Overview

Find out more about northern end community's health and concerns



Self-reported
health status



Air Quality



Respiratory health

CHIS Recruitment Effort



- Randomly selected addresses
- Thousands of homes visited up to 3 times to inform residents about survey

Recruitment Results

Survey expanded to 307 North End respondents in 2016 and 451 respondents in 2017

California Health Interview Survey Results

2016-2017 in Northern Imperial County

General Demographics

- North End respondents had fewer people (1-3) living in their households compared to county overall (4-5)
- A greater percentage own their homes
- A higher proportion reported being disabled due to a physical, mental or emotional condition

Health Behaviors 2016-2017

- Smaller proportion of North End respondents reported delaying or not getting medical care compared to County overall
- Smaller percentage of respondents (10.4%) reported being current smokers compared to County overall (12.1%) and California (10.9%)
- Higher percentage of respondents got vaccinated against flu compared to countywide (2016)

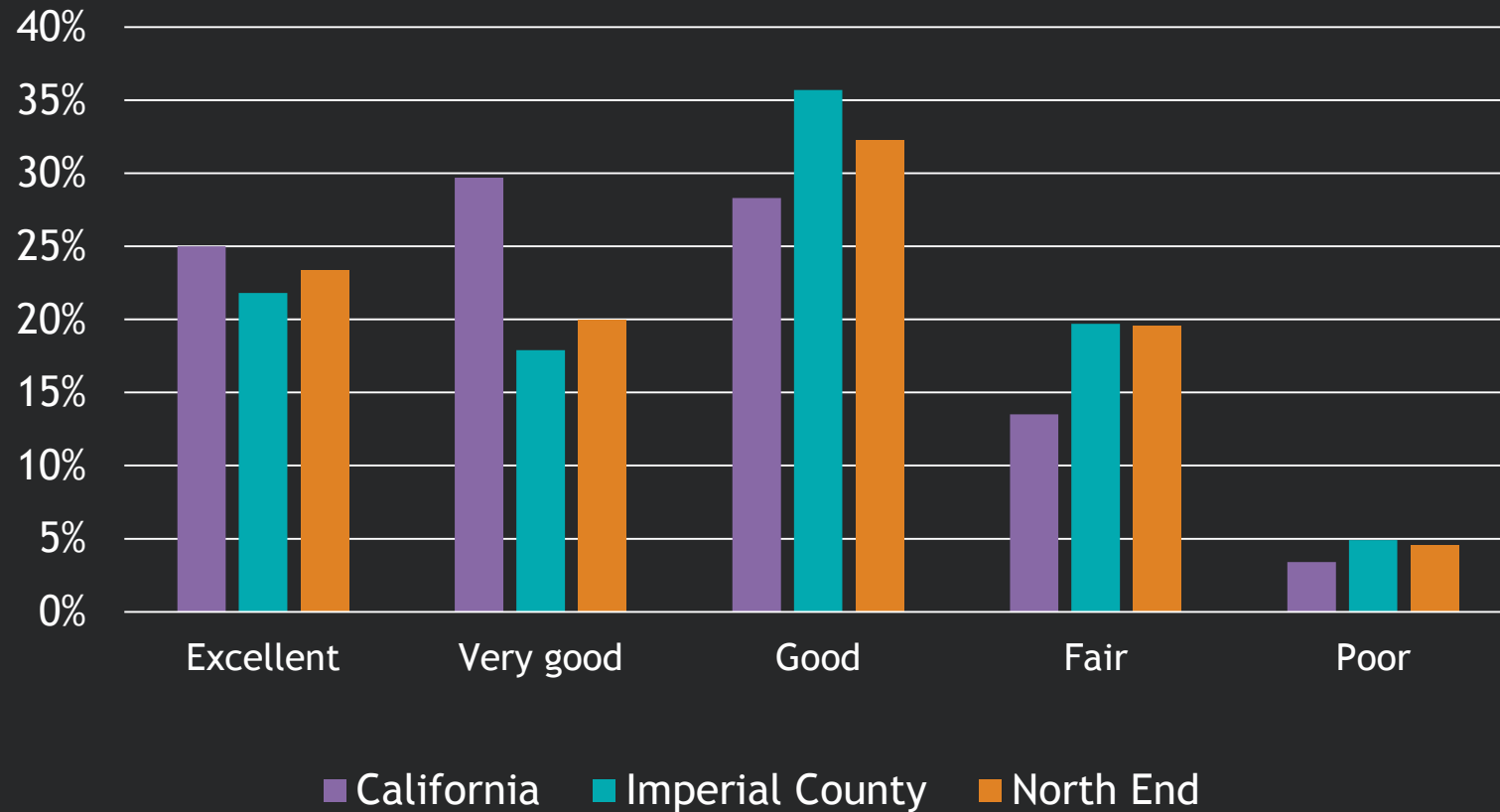
Health Outcomes 2016-2017

- Higher proportion reported having high blood pressure compared to countywide
 - Significantly higher than California as a whole
- Higher percentage reported an asthma diagnosis compared to County overall

Health Status

Greater percentage of North End respondents rate their health status as excellent or very good compared to County overall

Self-Reported Health Status Imperial County and California 2016-2017

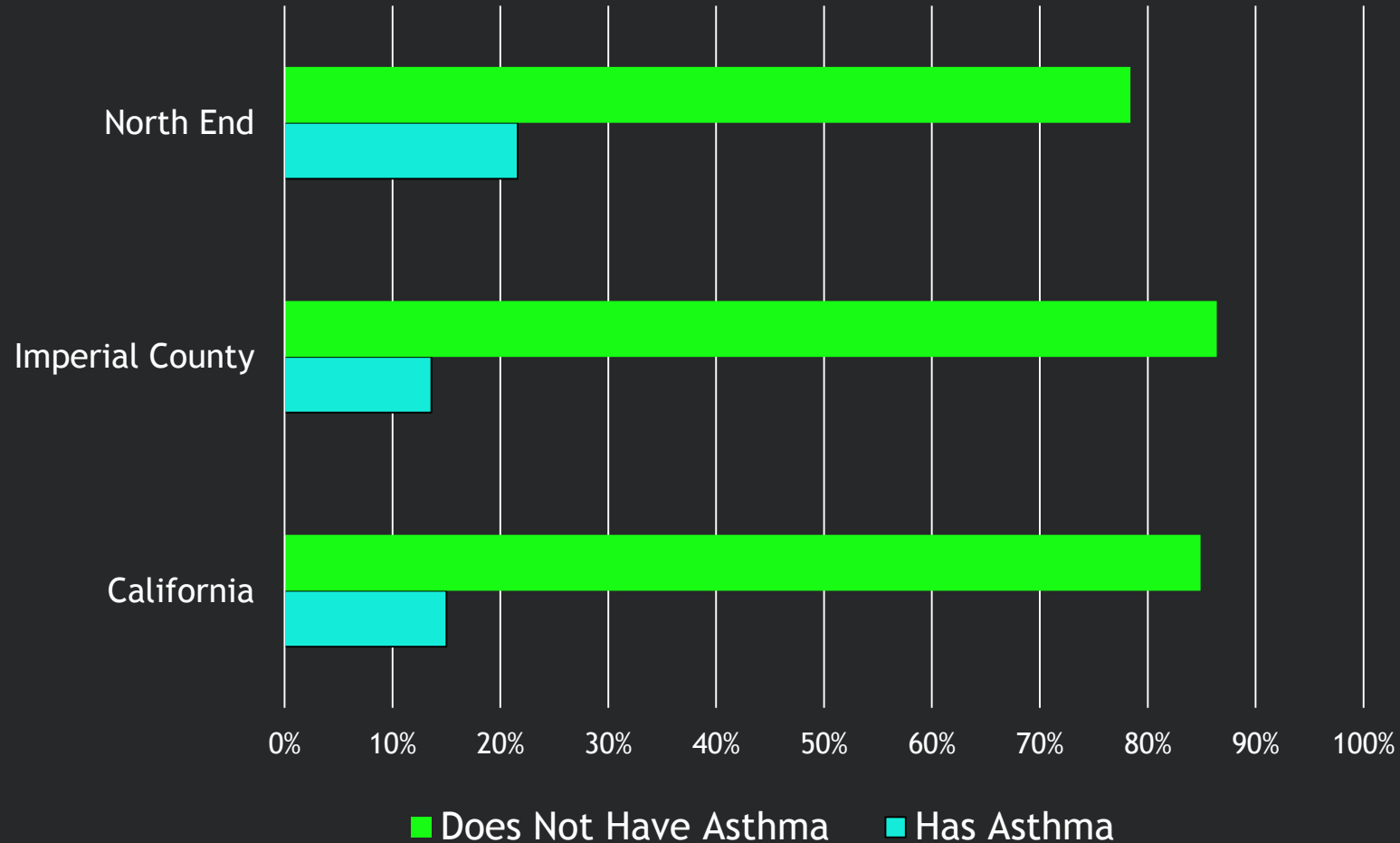


Asthma - 2016-2017

Asthma Diagnosis

Higher percentage report asthma diagnosis compared to County and California overall

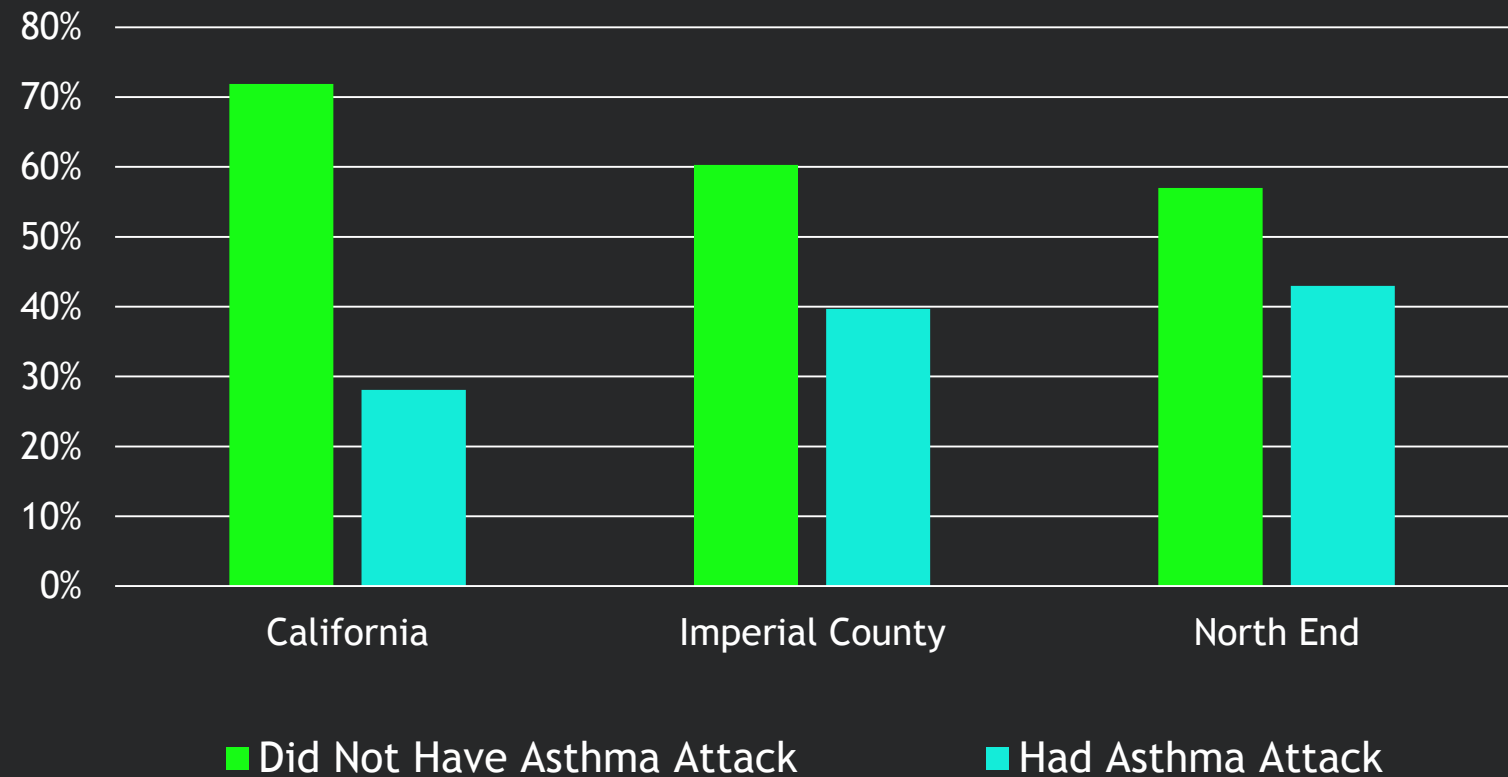
Diagnosed with Asthma Imperial County and California 2016-2017



Asthma Attack or Episode

Higher proportion reported asthma attack or episode in previous 12 months compared to County and California overall

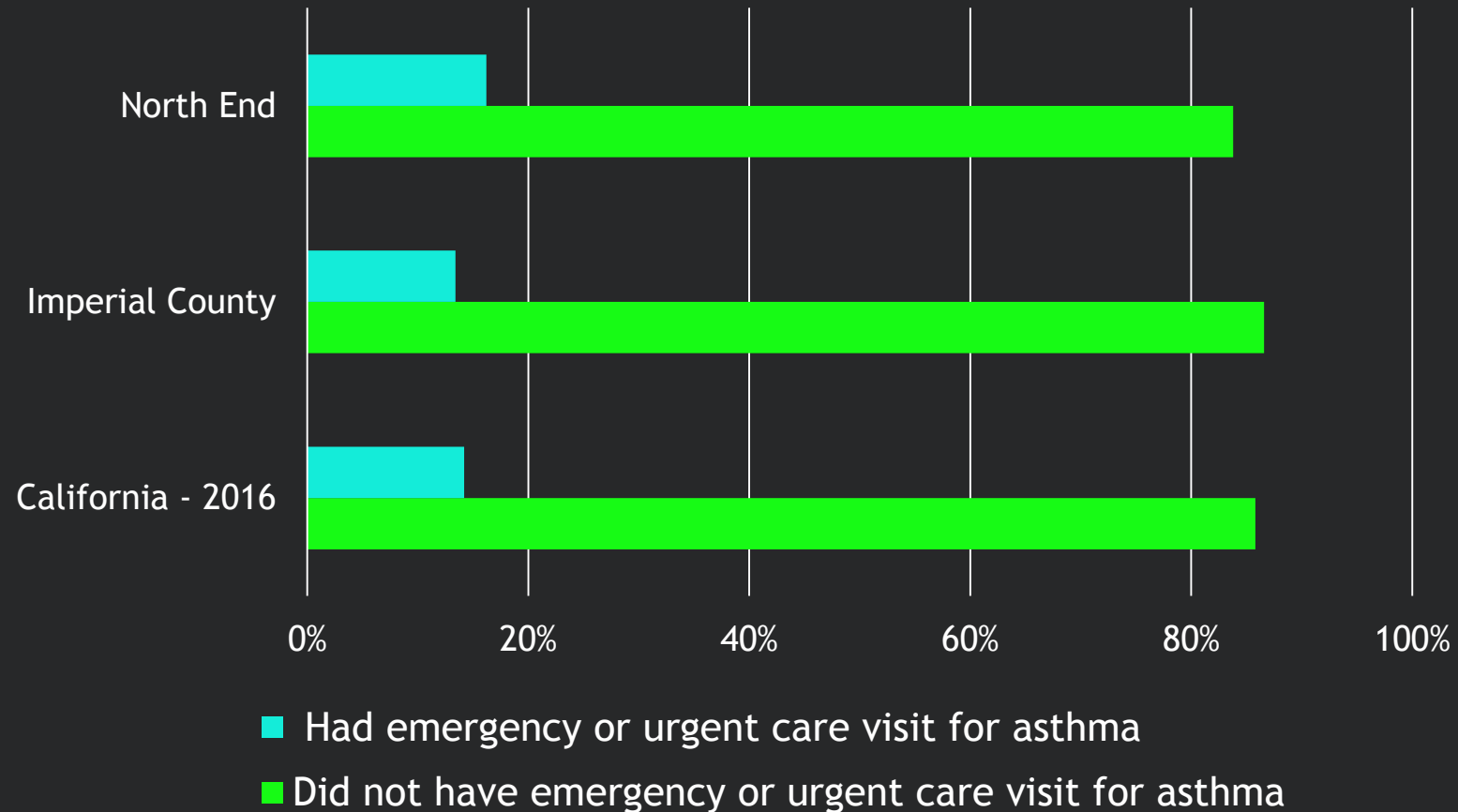
Asthma Episode/Attack in Past 12 Months Imperial County and California, 2016-2017



Emergency or Urgent Care for Asthma

Higher percentage of North End adult respondents sought emergency care for asthma

Emergency or Urgent Care Visit for Asthma, Imperial County and California, 2016-2017

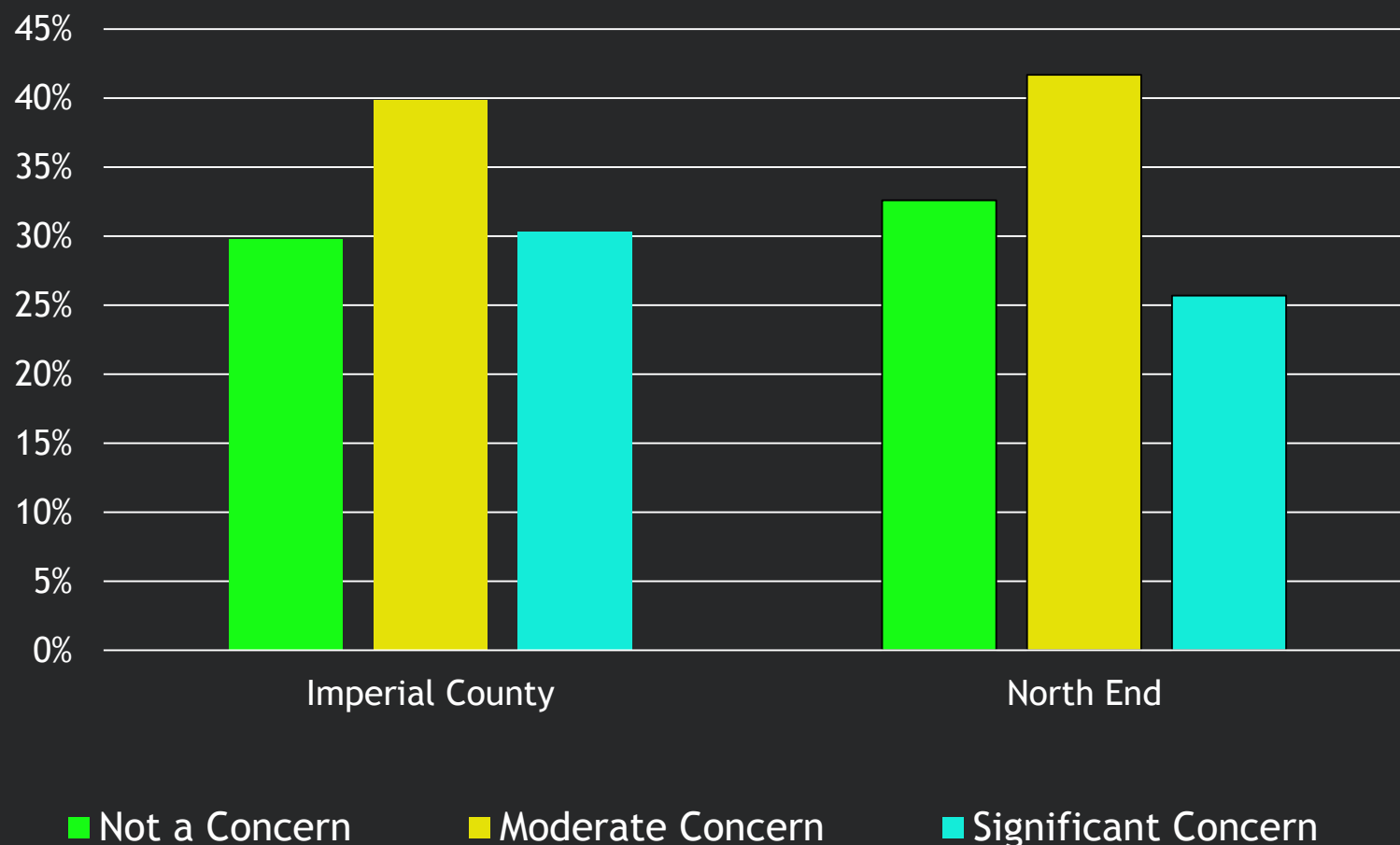


Air Quality and Respiratory Health - 2017

Level of Concern with Air Quality

Level of Concern with Air Quality Imperial County, 2017

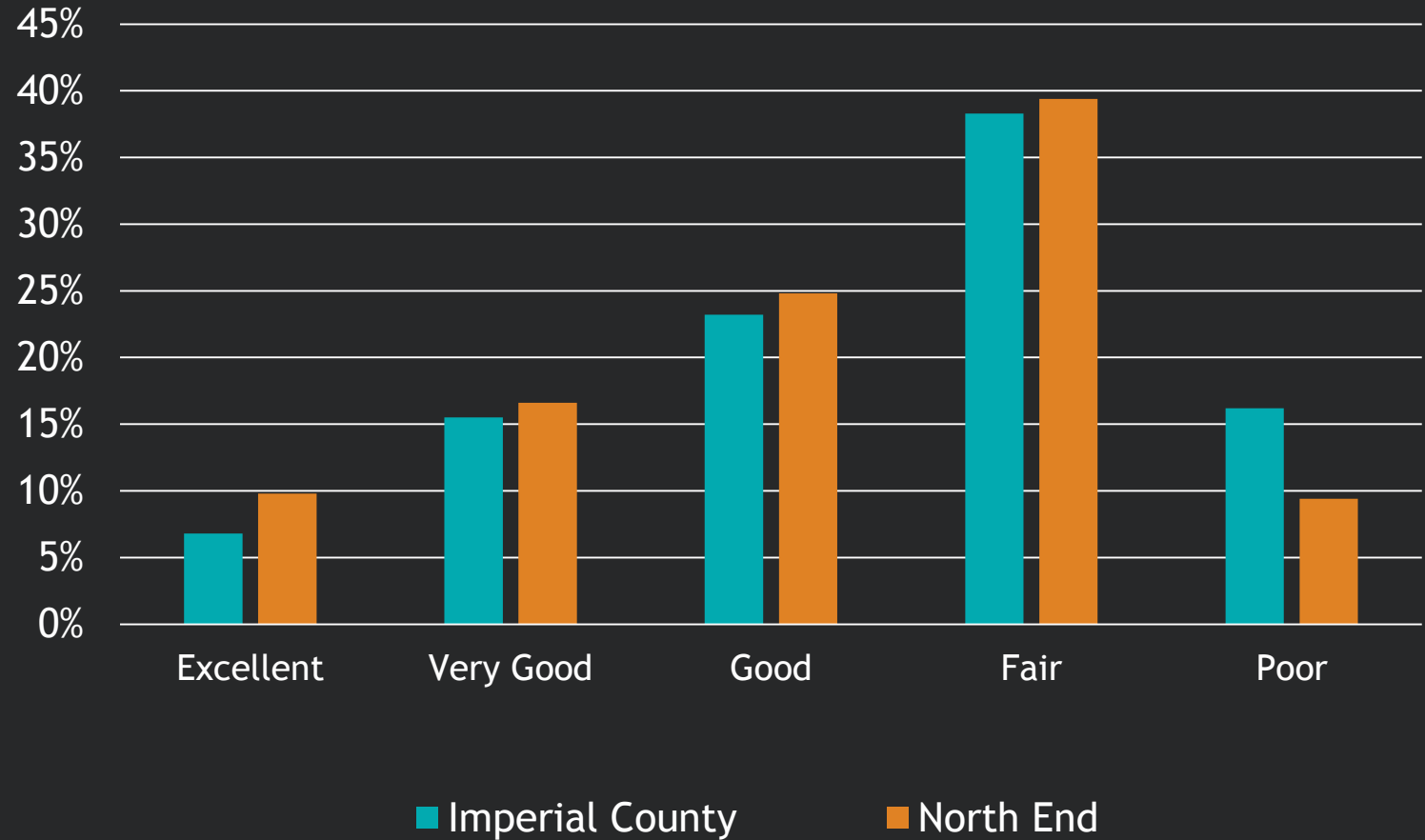
A higher proportion of North End respondents reported moderate or no concern with air quality compared to County overall



Neighborhood Air Quality

A higher proportion of North End respondents reported neighborhood air quality as good to excellent compared to countywide

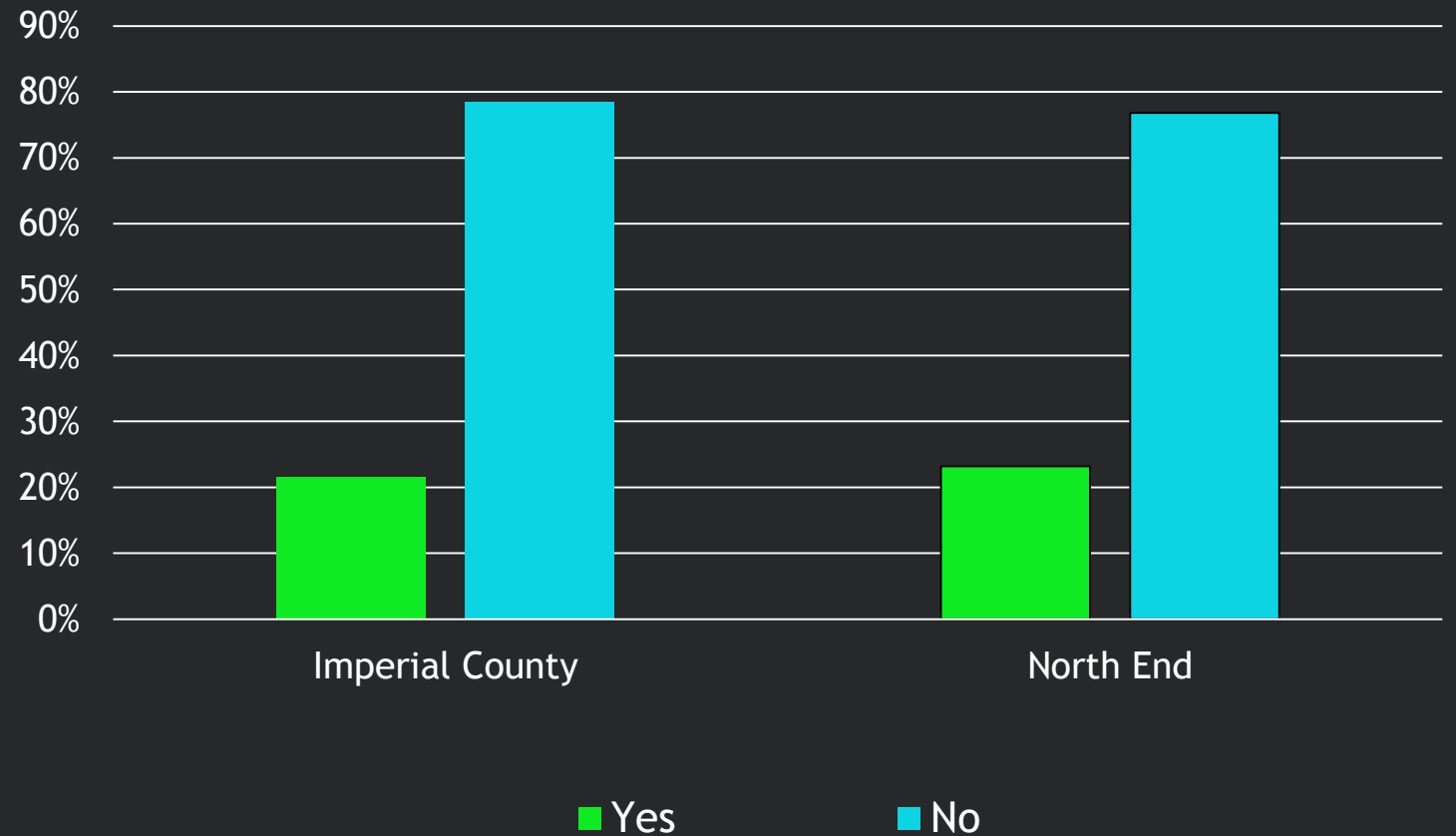
Air Quality in Neighborhood, Imperial County, 2017



Illness or Symptoms Caused by Air Pollution

A slightly higher proportion of North End respondents reported illness or symptoms caused by air pollution in past 12 months

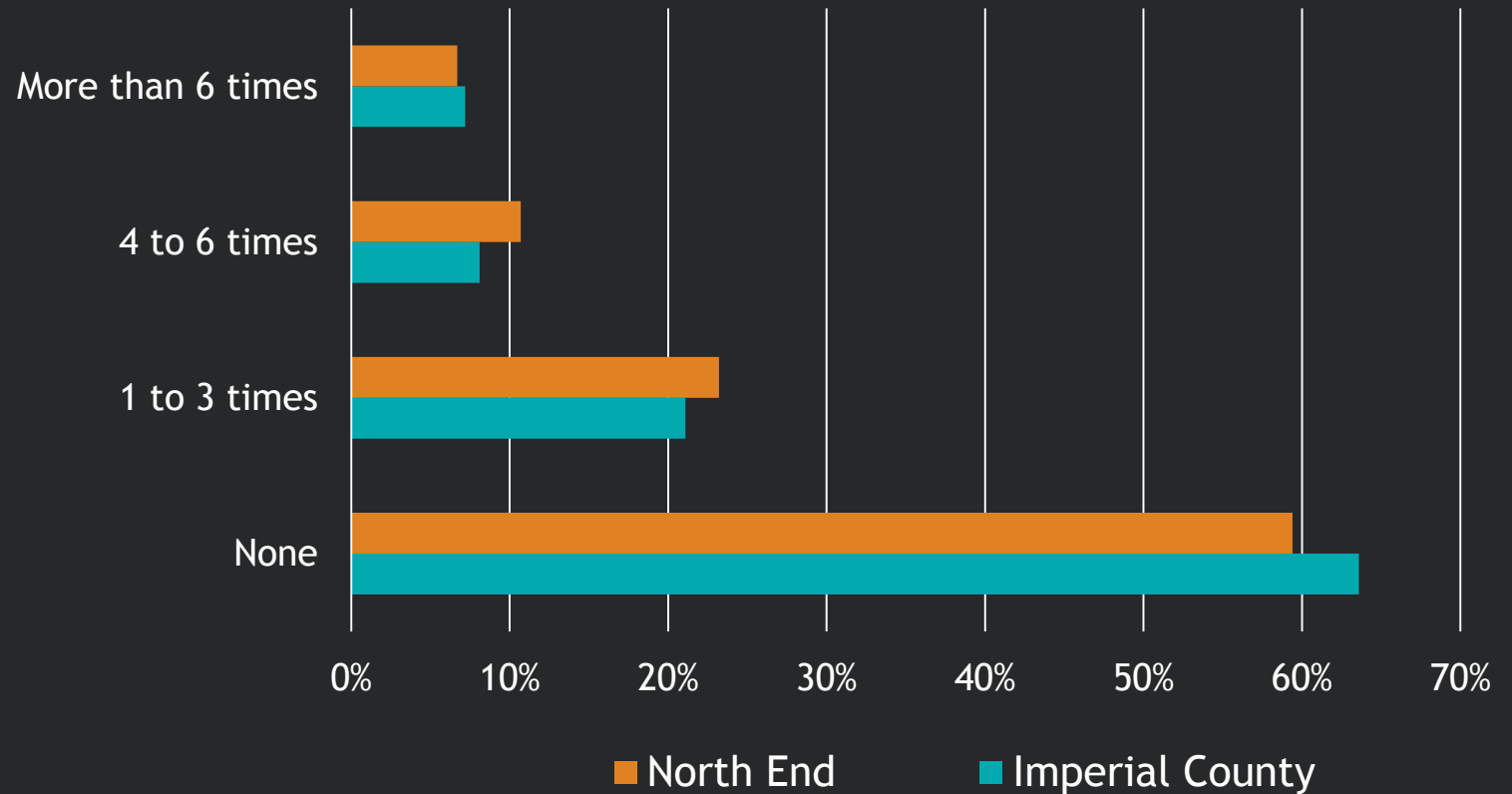
Illness or Symptoms Caused by Air Pollution in Past 12 Months Imperial County, 2017



Changed Activity Levels Due to Air Quality

A higher proportion of North End respondents reported reducing or changing their activity levels due to air quality

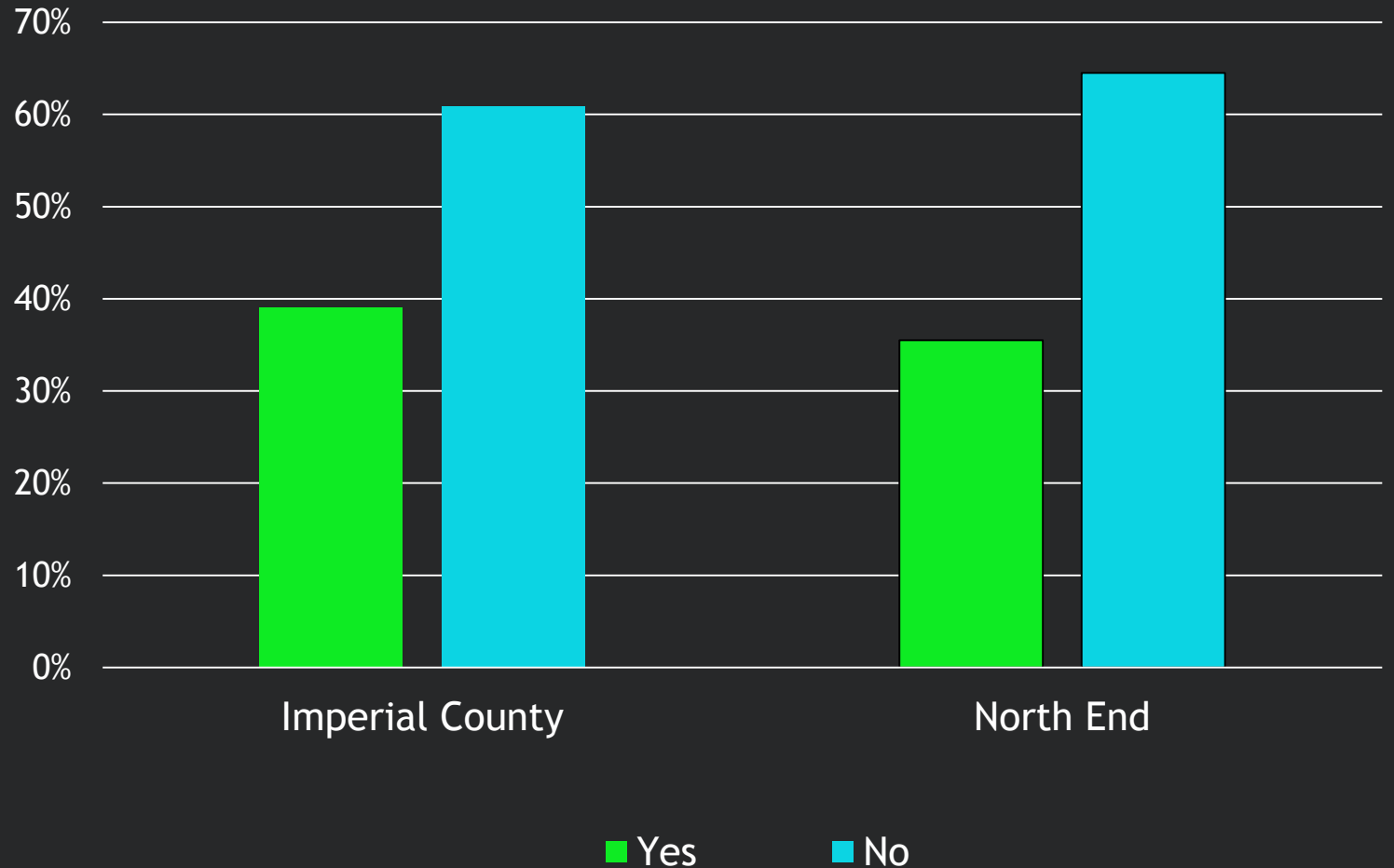
Reduced or Changed Activity Levels Due to Air Quality in Past 12 Months Imperial County, 2017



Air Quality Index and Alerts

A higher percentage were aware of Air Quality Index, but a smaller percentage reported reducing or changing activity levels based on Index

Reduced or Changed Activity Based on Air Quality Index or Alerts Imperial County, 2017



Where We're At

Enhanced air and dust monitoring

- Air monitoring sites around Salton Sea and region provide real-time air quality conditions
- Portable wind tunnel device measures potential for wind erosion and dust emissions

Salton Sea Management Program

- Tasked with developing habitat and dust suppression projects

Enhanced water monitoring and reporting

- Water quality monitoring in the Salton Sea, waterways and lakes of Imperial County
- Improved communication to provide up-to-date water quality information to community members

Asthma community projects

- Working with schools to develop standardized asthma management plans for students
- Working with area hospitals to link patients to asthma care

For More Information

California Health Interview Survey

<http://healthpolicy.ucla.edu/chis/Pages/default.aspx>

Imperial County Public Health

www.ICPHD.org

Acknowledgements

Community Volunteers

Community Survey Participants

San Diego State University nursing students

Public Health Department

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Thank You!