



## New Mexico Cancer Data Presentation

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New Mexico Tumor Registry

New Mexico Cancer Council General Meeting  
July 15, 2020

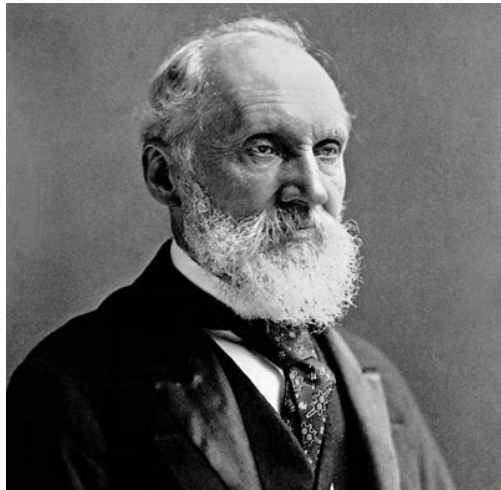
Chuck and Angela have no disclosures

# Session Objectives

As a result of participating in this session, you will be able to:

1. Identify cancer as a leading cause of illness in New Mexico;
2. Observe variation in cancer rates by race/ethnicity in New Mexico;
3. Describe how rates for common cancers have changed over time.

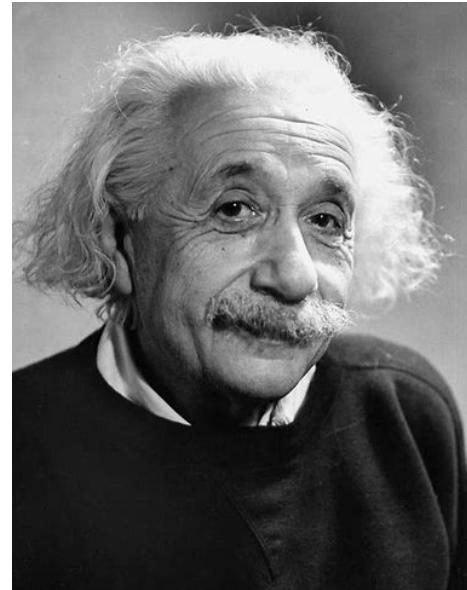
“When you can measure what you are speaking about, and express it in numbers, you know something about it, when you cannot express it in numbers, your knowledge is of a meager and unsatisfactory kind; it may be the beginning of knowledge, but you have scarcely, in your thoughts advanced to the stage of science.”



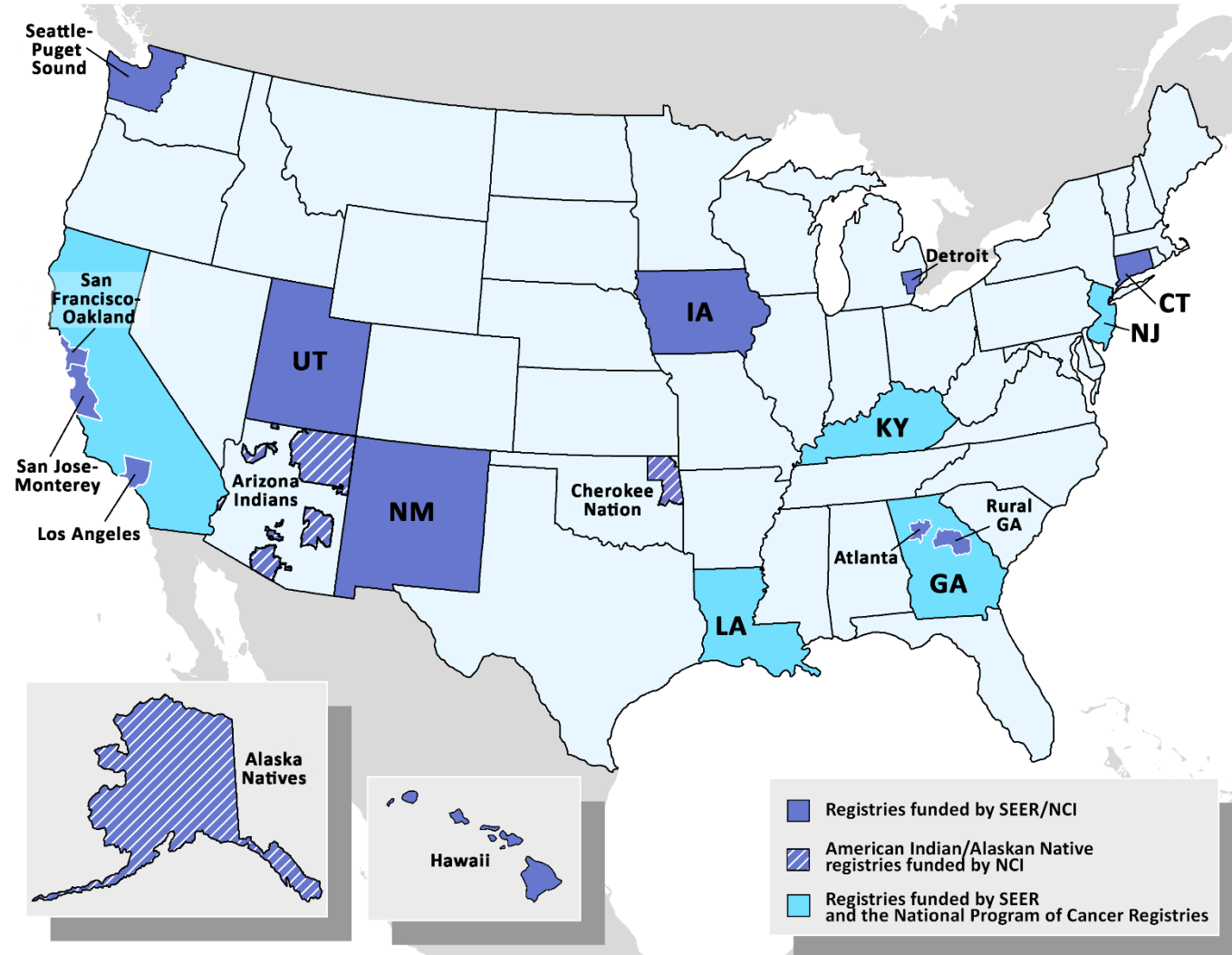
William Thomson (*Lord Kelvin*)

“Not everything that can be counted counts and not everything that counts can be counted.”

Albert Einstein



# Public Health Surveillance for Cancer in the United States is supported by the National Cancer Institute and the Centers for Disease Control and Prevention



## Cancer is a leading cause of illness and death in New Mexico and in the United States

Type of Cancer	Expected Number of New Cases - 2020	
	New Mexico	United States
All Types of Cancer	9,800	1,806,590
Female Breast	1,570	276,480
Lung and Bronchus	1,040	228,820
Prostate	920	191,930
Colorectal	890	147,950
Cutaneous Melanoma	610	100,350
Non-Hodgkin Lymphoma	410	77,240
Uterine Cervix	80	13,800

SOURCE: American Cancer Society Facts & Figures 2020

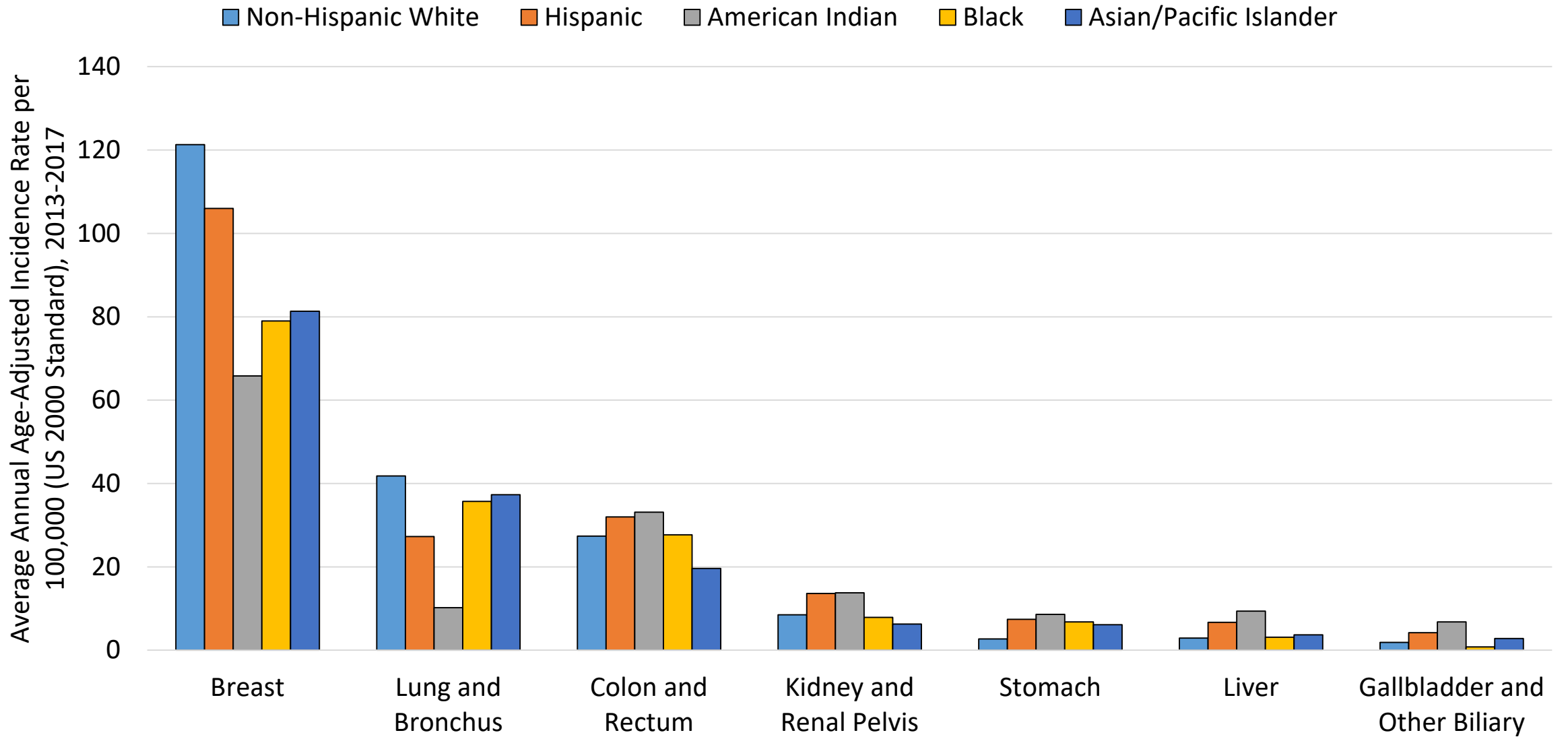
# New Mexicans are from diverse backgrounds

*(Population estimates from 2018)*

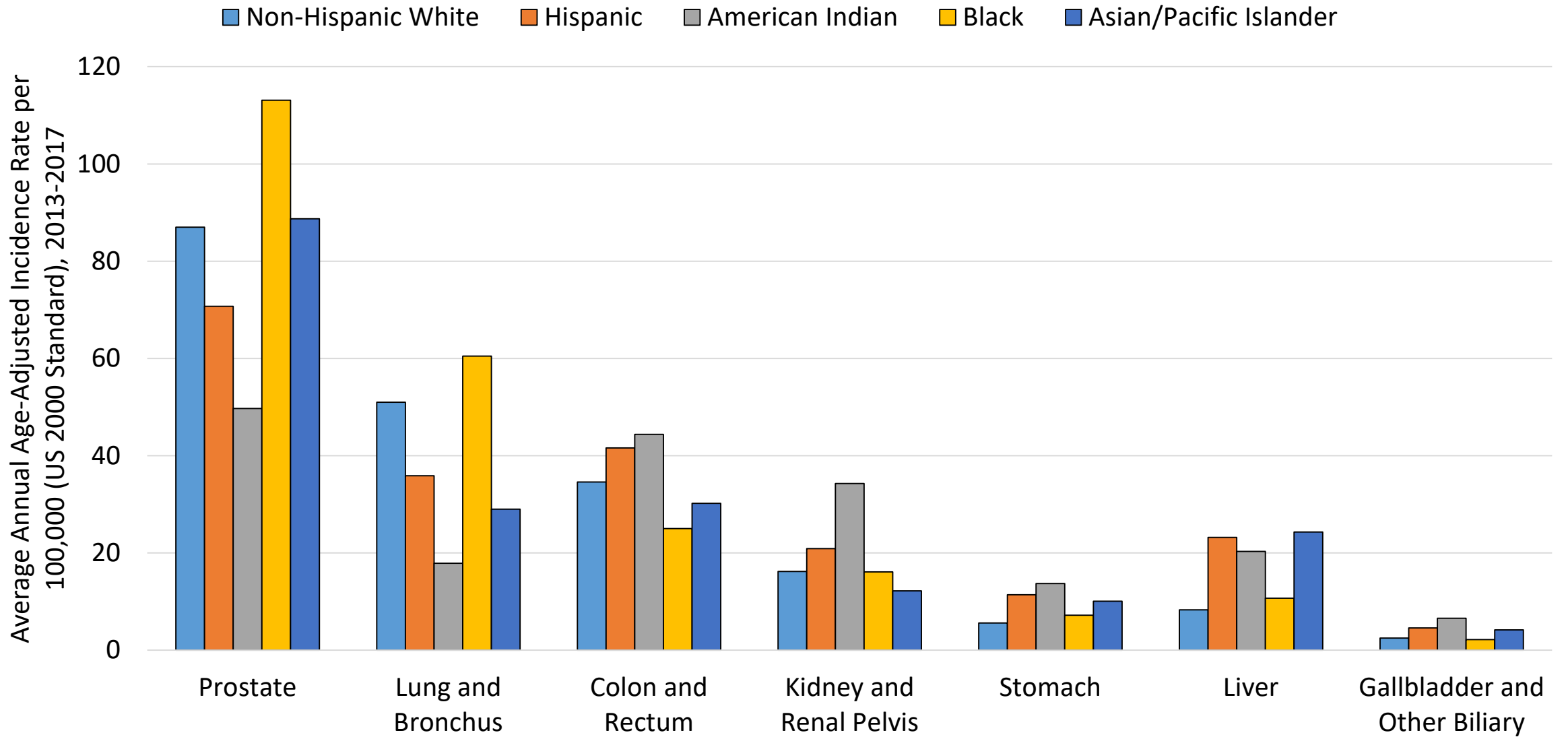
Race/Ethnicity	Count	Percent
Hispanic	951,172	45.4
Non-Hispanic White	793,157	37.9
American Indians	241,055	11.5
African American	64,722	3.1
Asian/Pacific Islanders/Other	45,322	2.2
Total	2,095,428	100.0



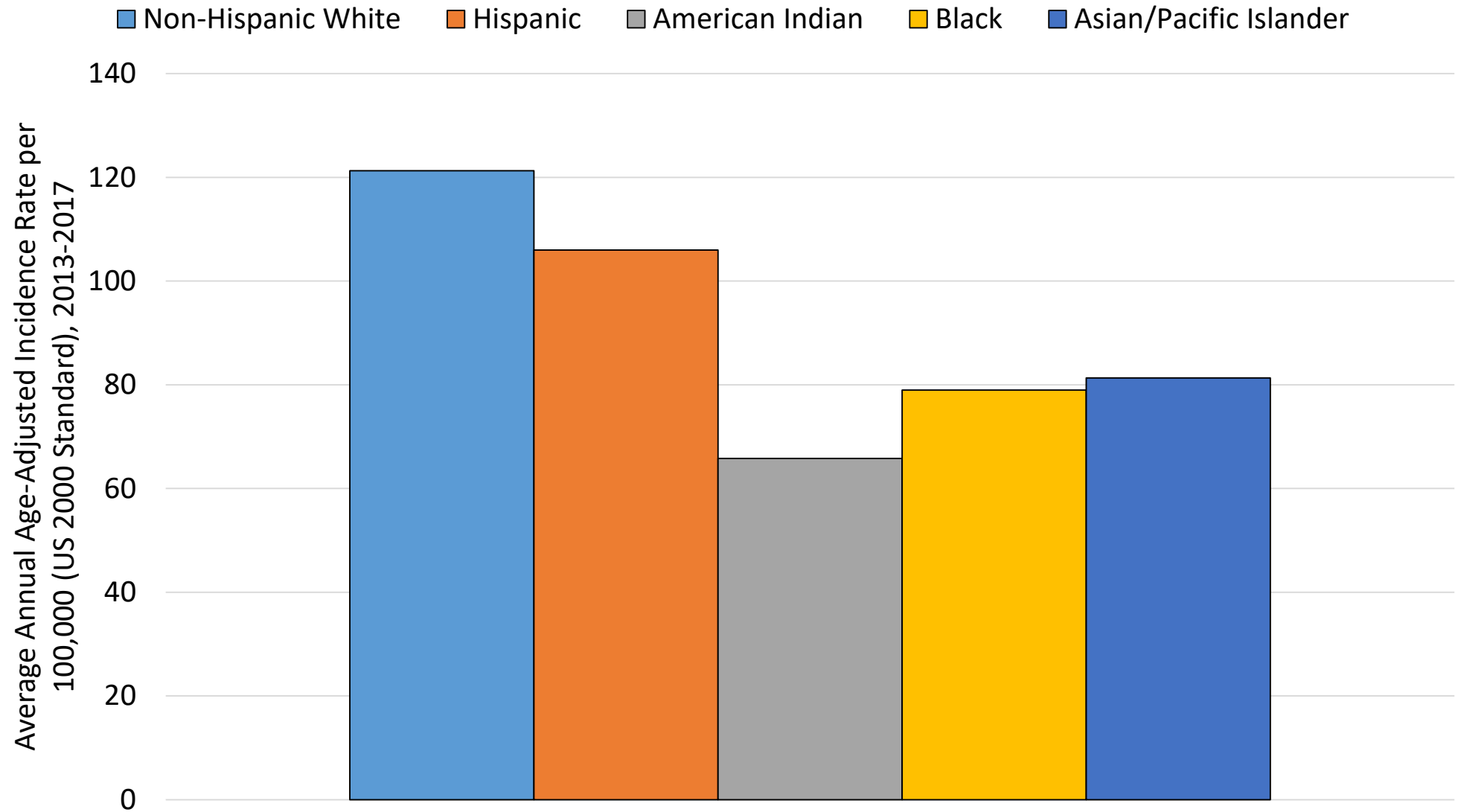
# Cancer incidence rates vary by race/ethnicity among women in New Mexico



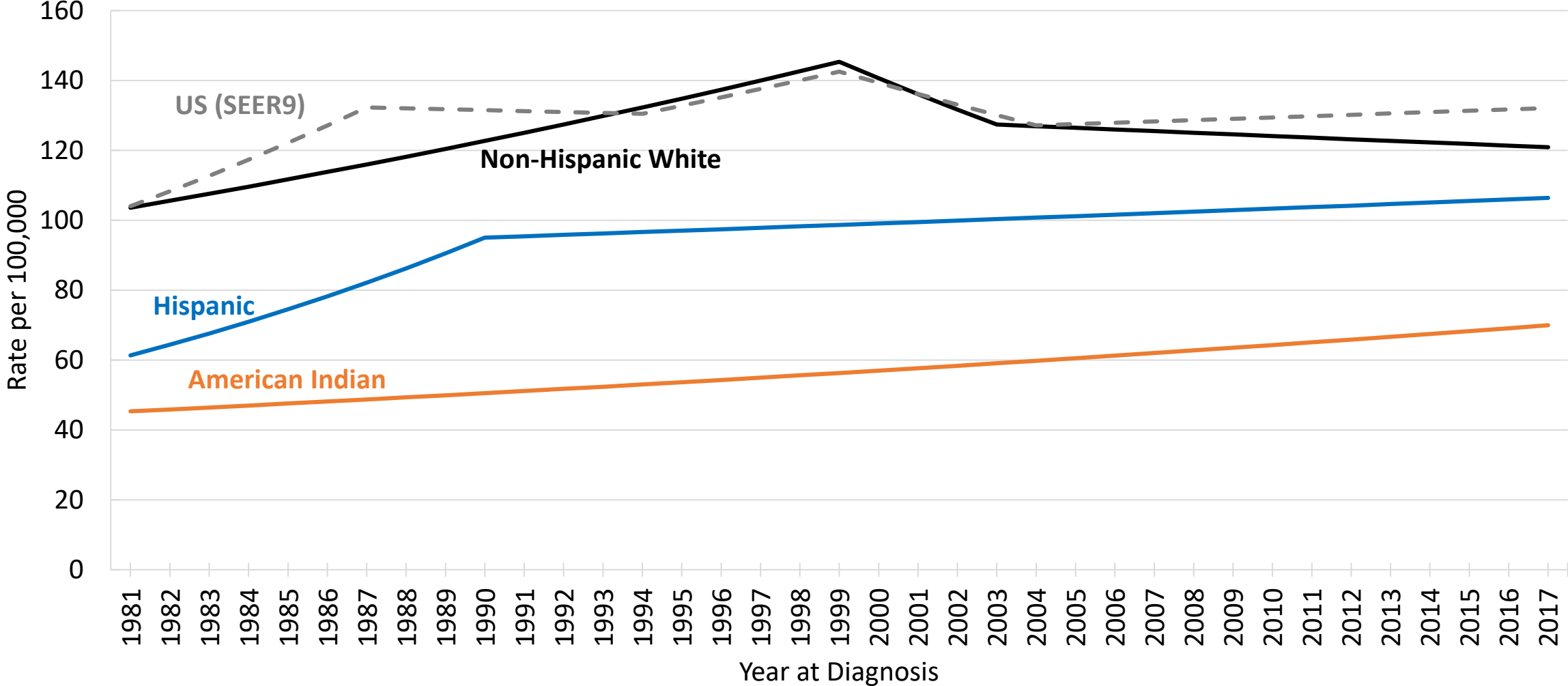
# Cancer incidence rates vary by race/ethnicity among men in New Mexico



# Breast Cancer incidence rates vary by race/ethnicity among women in New Mexico

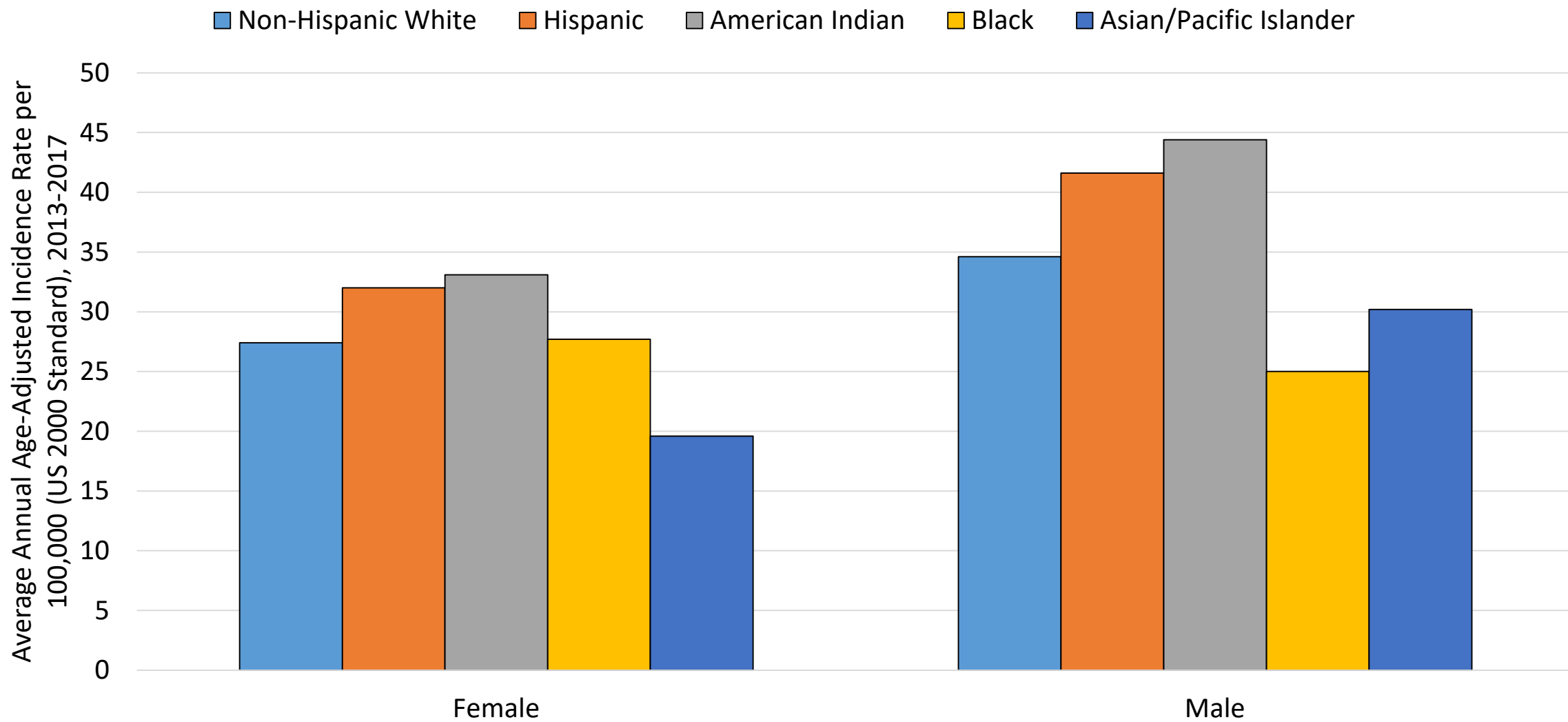


# Breast cancer incidence rates changed over time among New Mexico women

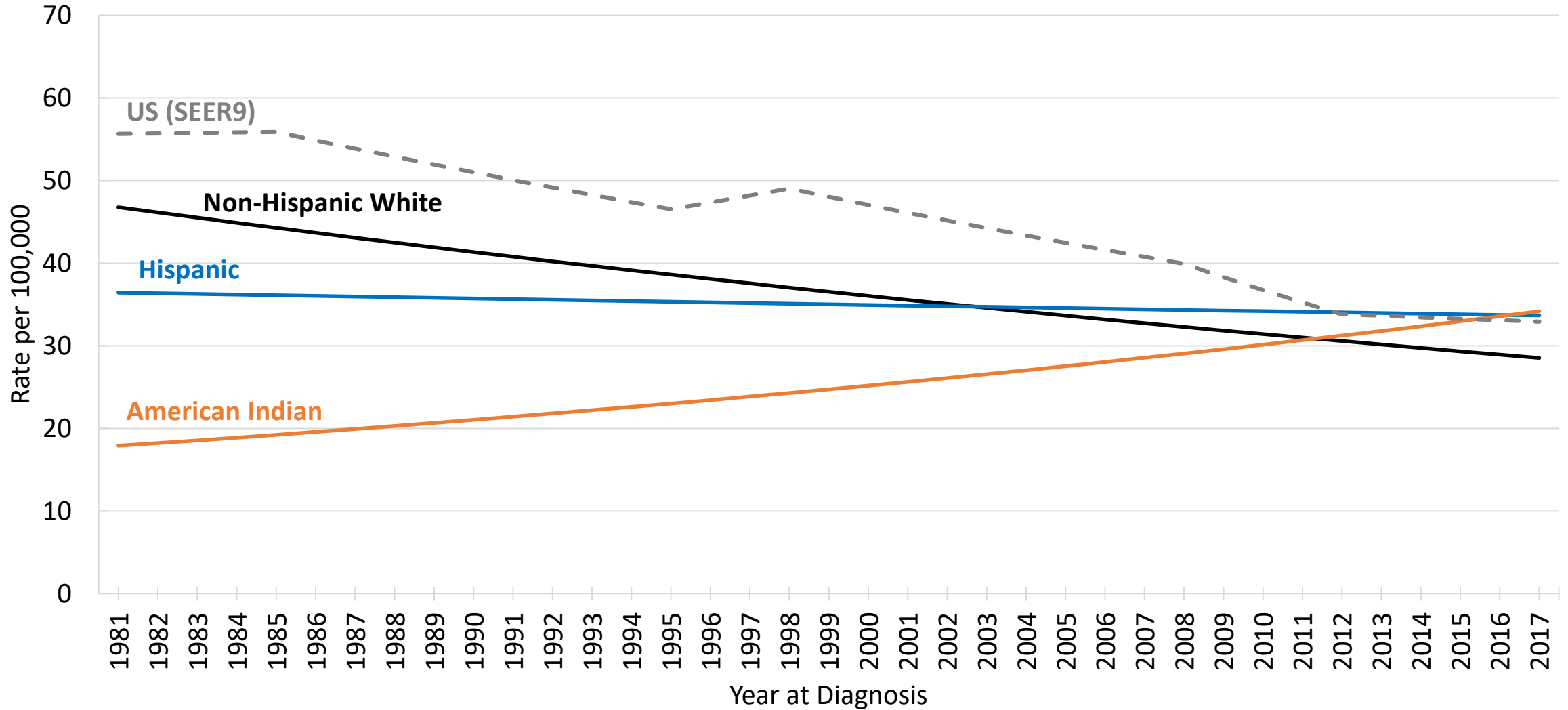


Average Annual Age-Adjusted Incidence Rate (US 2000 Standard)  
Female New Mexico Residents, 1981-2017

# Colorectal cancer incidence rates vary by race/ethnicity and sex in New Mexico

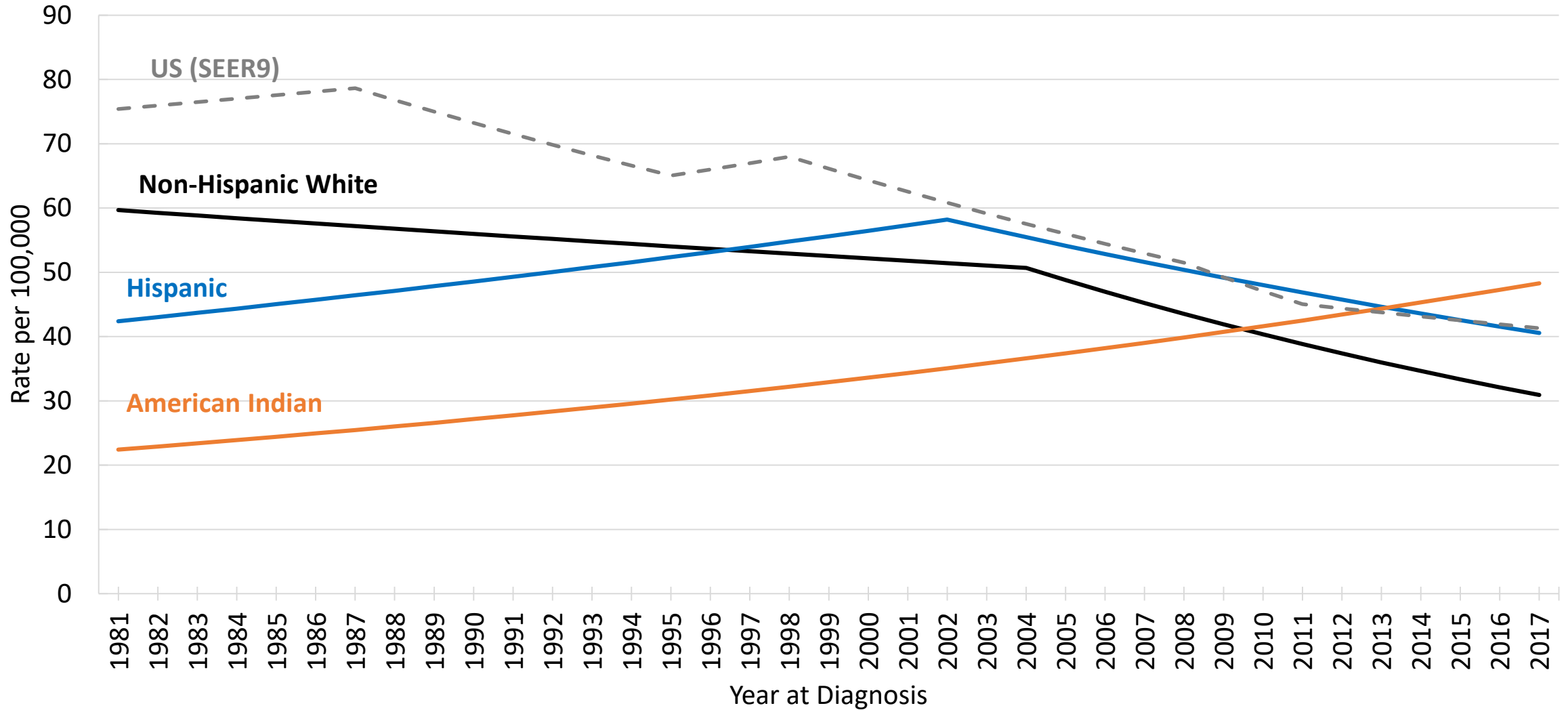


# Colorectal cancer incidence rates changed over time among New Mexico women



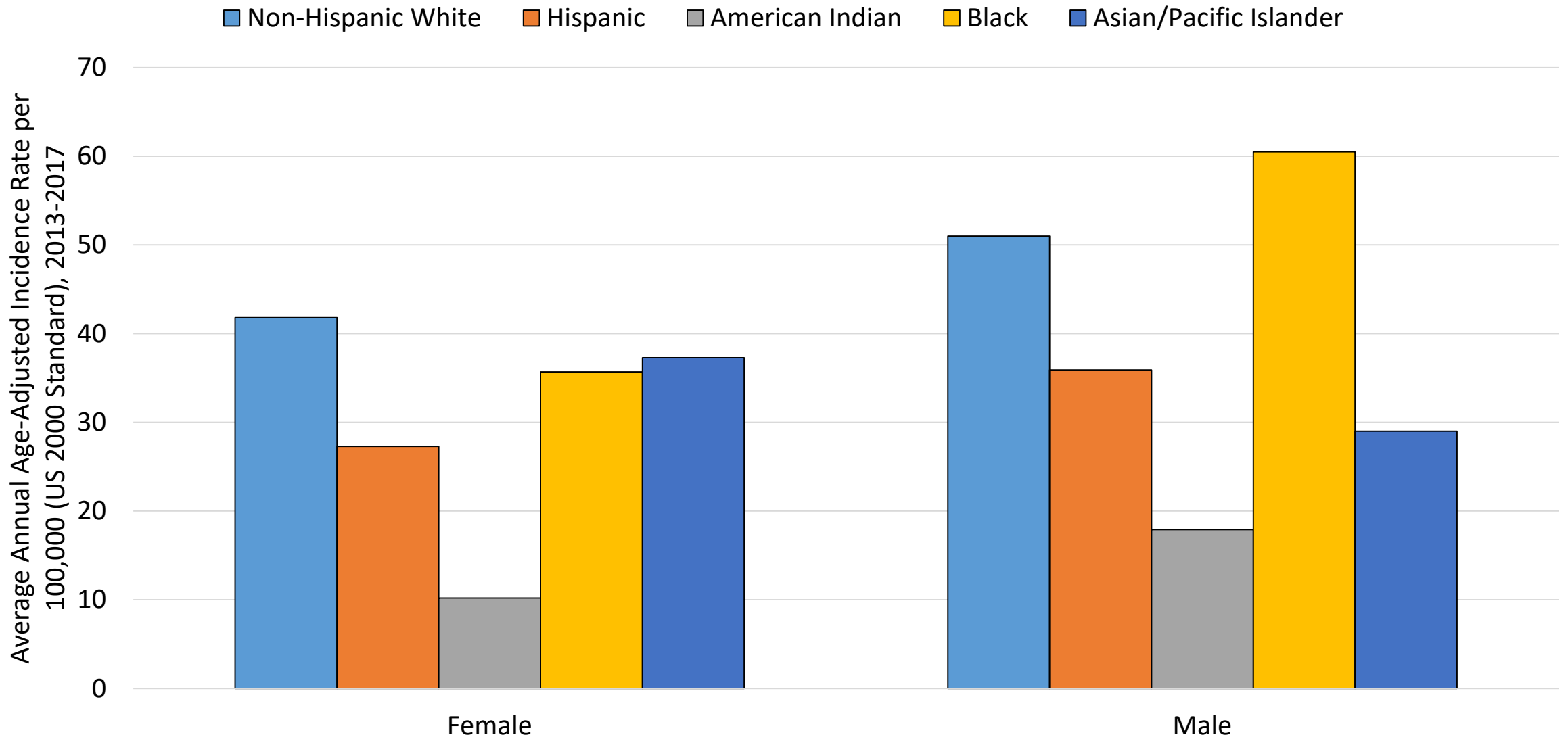
Average Annual Age-Adjusted Incidence Rate (US 2000 Standard)  
Female New Mexico Residents, 1981-2017

# Colorectal cancer incidence rates changed over time among New Mexico men



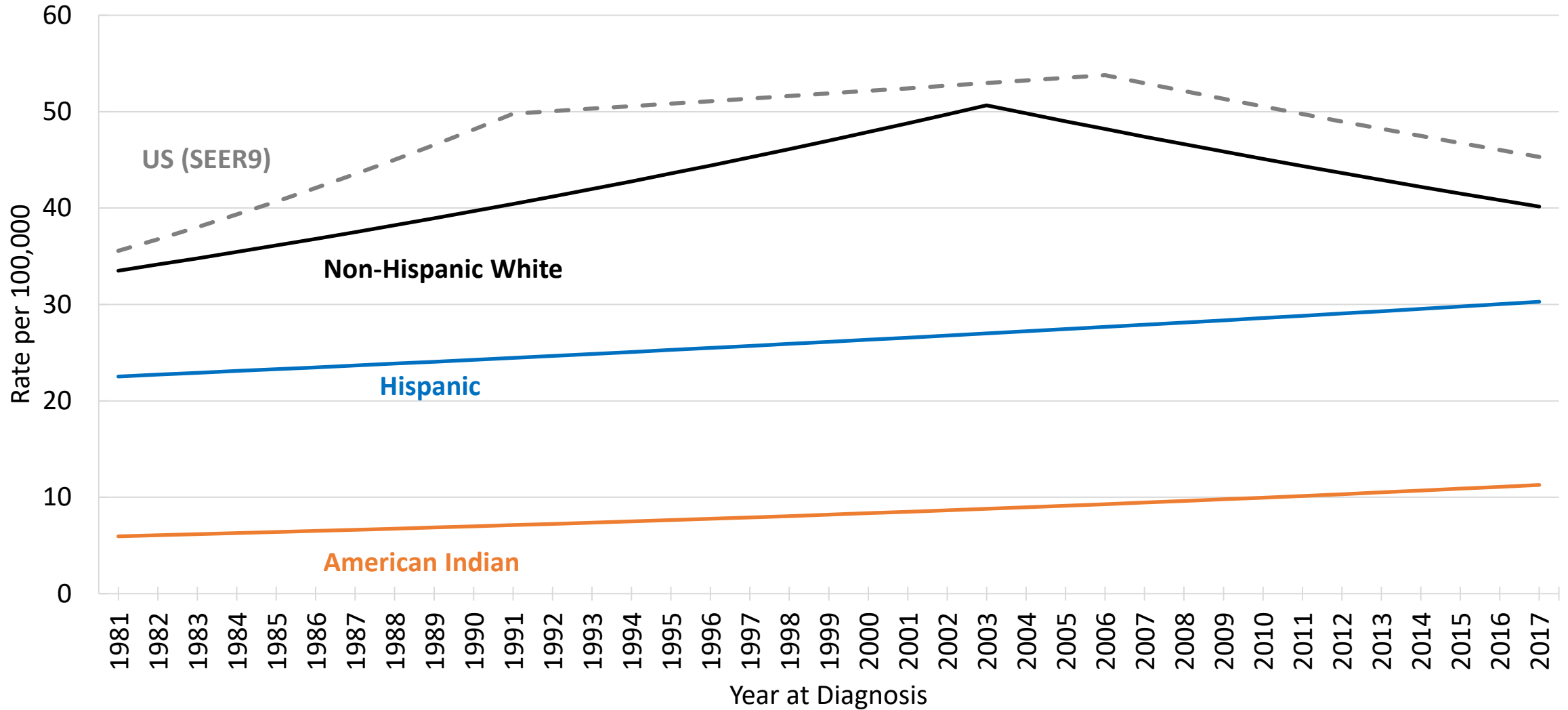
Average Annual Age-Adjusted Incidence Rate (US 2000 Standard)  
Male New Mexico Residents, 1981-2017

# Lung cancer incidence rates vary by race/ethnicity and sex in New Mexico



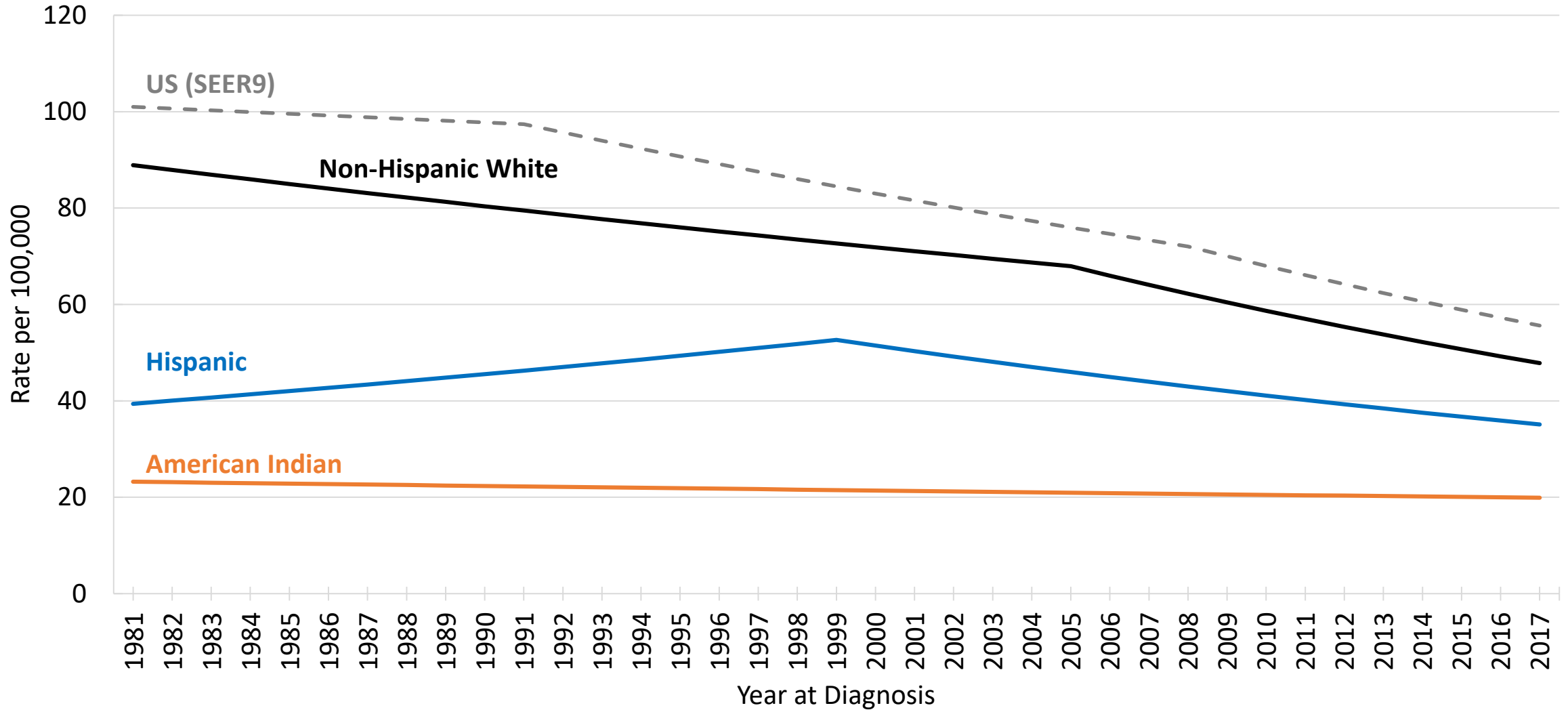


# Lung cancer incidence rates changed over time among New Mexico women



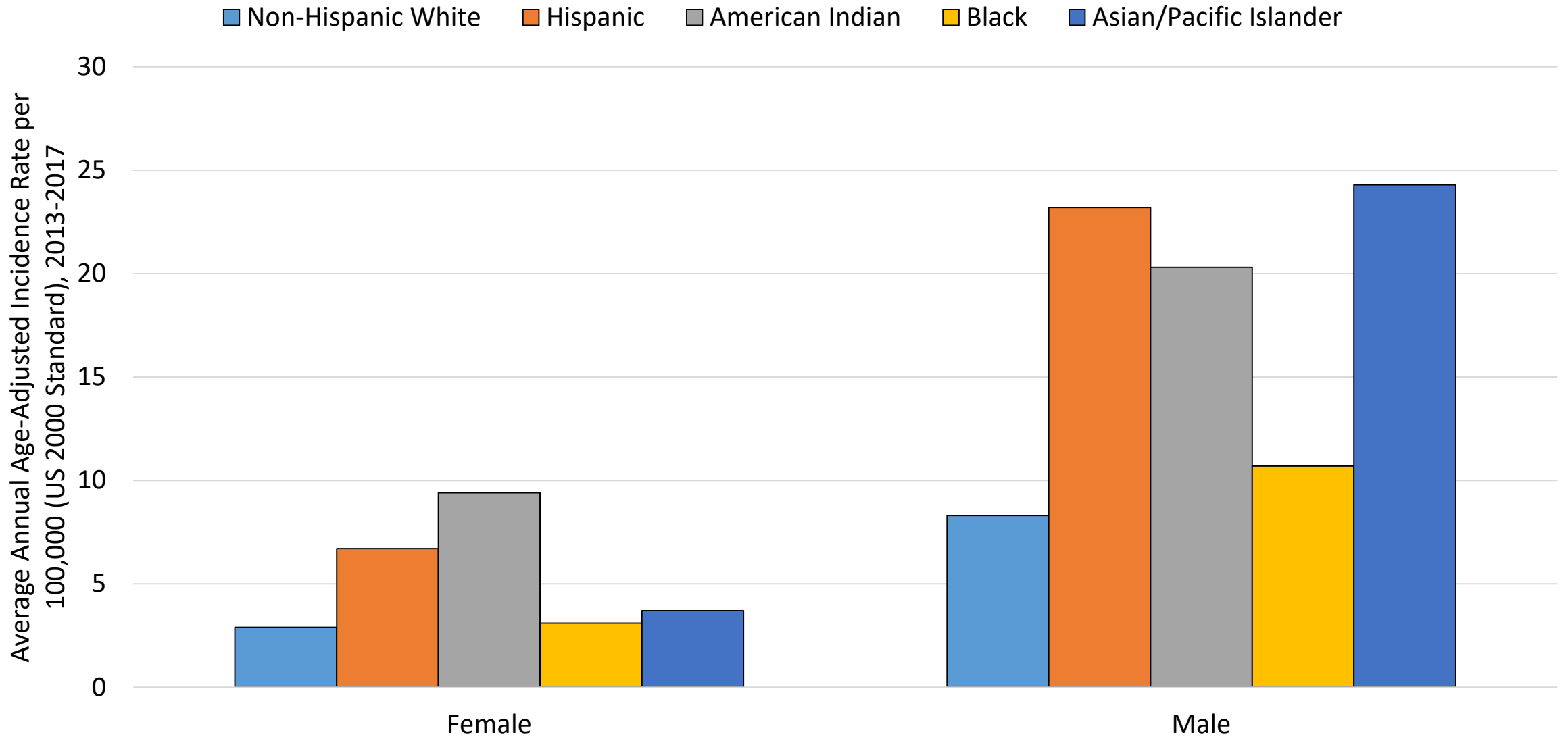
Average Annual Age-Adjusted Incidence Rate (US 2000 Standard)  
Female New Mexico Residents, 1981-2017

# Lung cancer incidence rates changed over time among New Mexico men

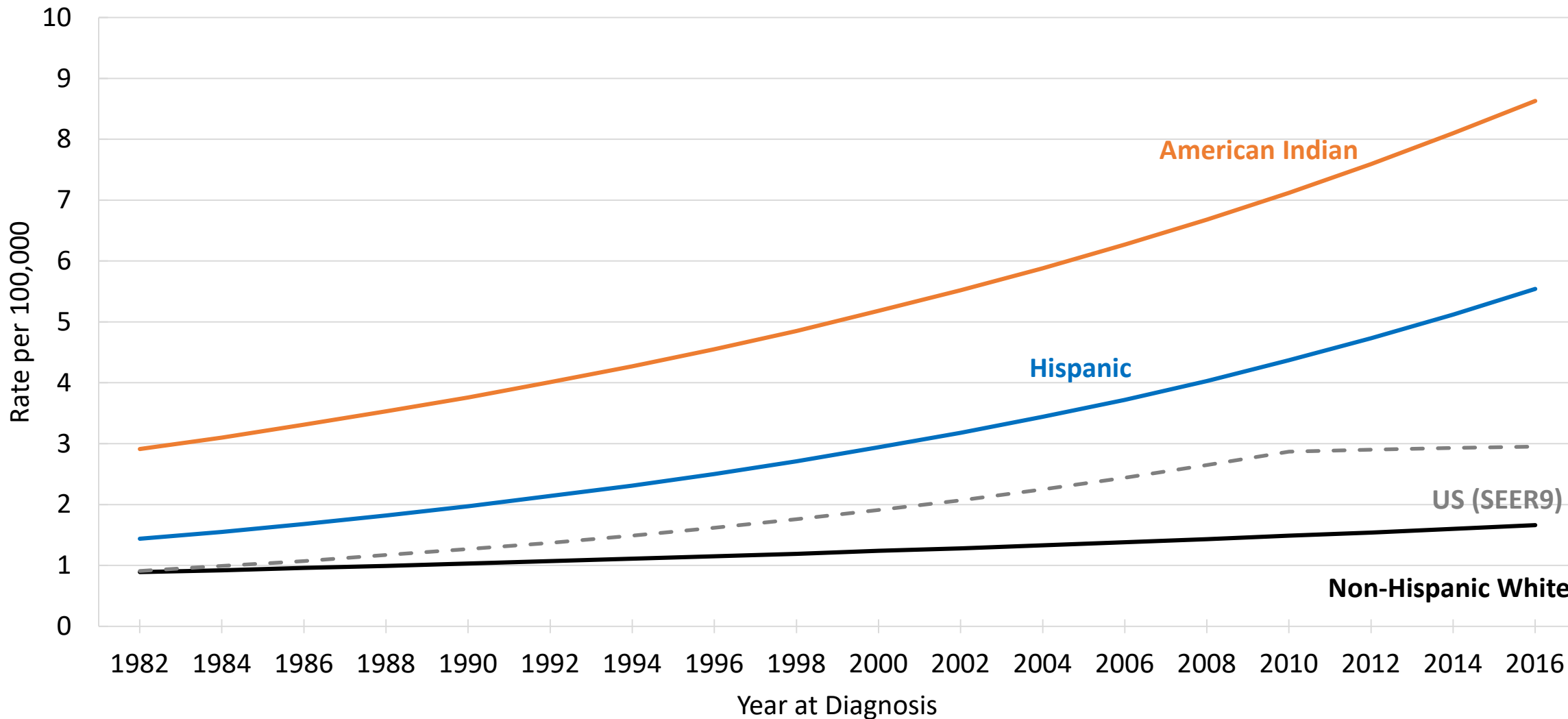


Average Annual Age-Adjusted Incidence Rate (US 2000 Standard)  
Male New Mexico Residents, 1981-2017

# Liver cancer incidence rates vary by race/ethnicity and sex in New Mexico

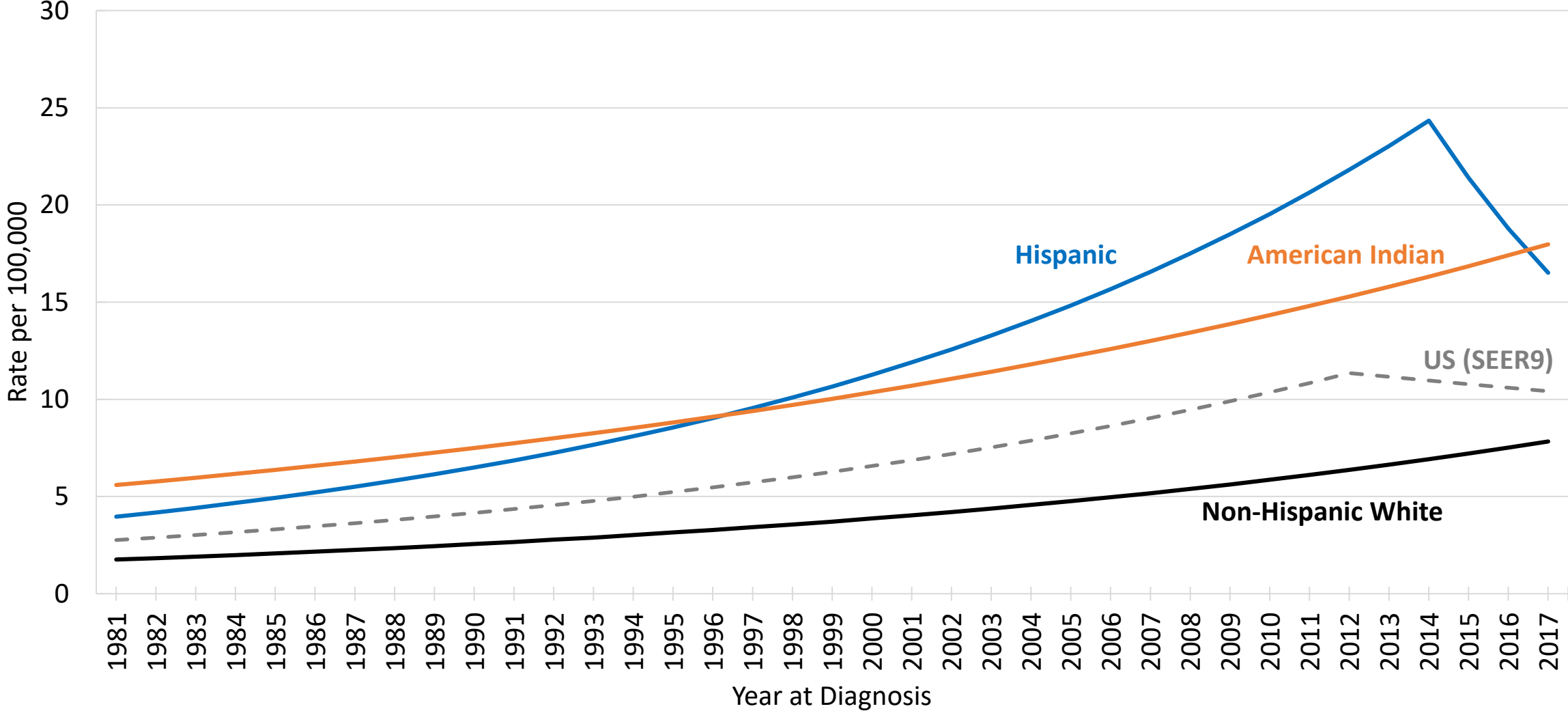


# Hepatocellular carcinoma incidence rates changed over time among New Mexico women



Average Annual Age-Adjusted Incidence Rate (US 2000 Standard)  
Female New Mexico Residents, 1981-2017, 2-Year Groupings

# Hepatocellular carcinoma incidence rates changed over time among New Mexico men



Average Annual Age-Adjusted Incidence Rate (US 2000 Standard)  
Male New Mexico Residents, 1981-2017

*What questions do you have?*

# Summary

- Cancer is a leading cause of illness and death in New Mexico and across the United States
- Patterns of cancer (e.g., incidence rates and stage at diagnosis) often vary by race/ethnicity in New Mexico (*...and elsewhere*)
- Cancer control priorities may vary by race/ethnicity

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