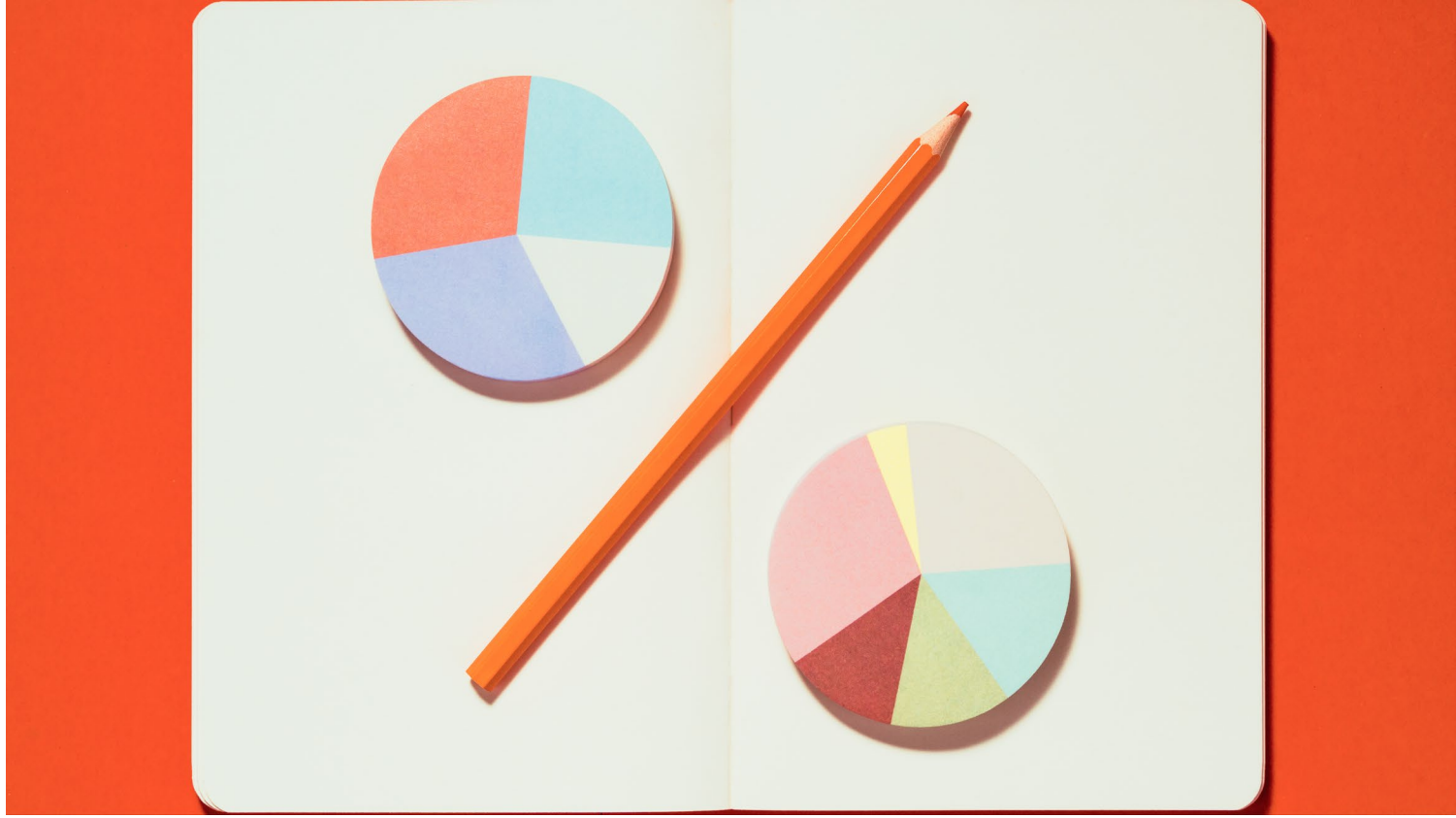
MODULE 6 LECTURE

Healthcare for Vulnerable Populations and Data Analysis



HEALTHCARE FOR VULNERABLE POPULATIONS AND DATA ANALYSIS

Our objectives for this lecture include:

- Understand vulnerability and its effect on health
- Develop skills of how to find credible, current healthcare data and analyze it critically

- Health disparities
- Underserved populations
- Special populations
- Health inequities

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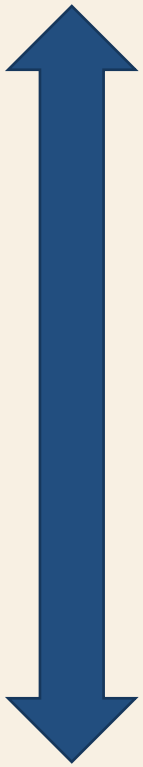
VULNERABILITY

The convergence of risk factors at both individual and ecological levels and refers to the likelihood of experiencing poor health or illness.

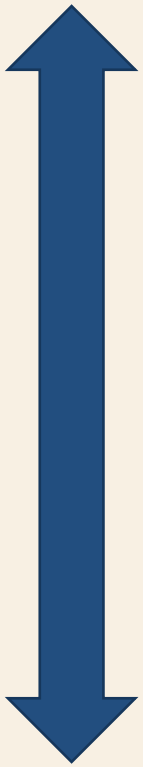
More Vulnerability



Less Vulnerability

=

Higher risk of poor health



Lower risk of poor health

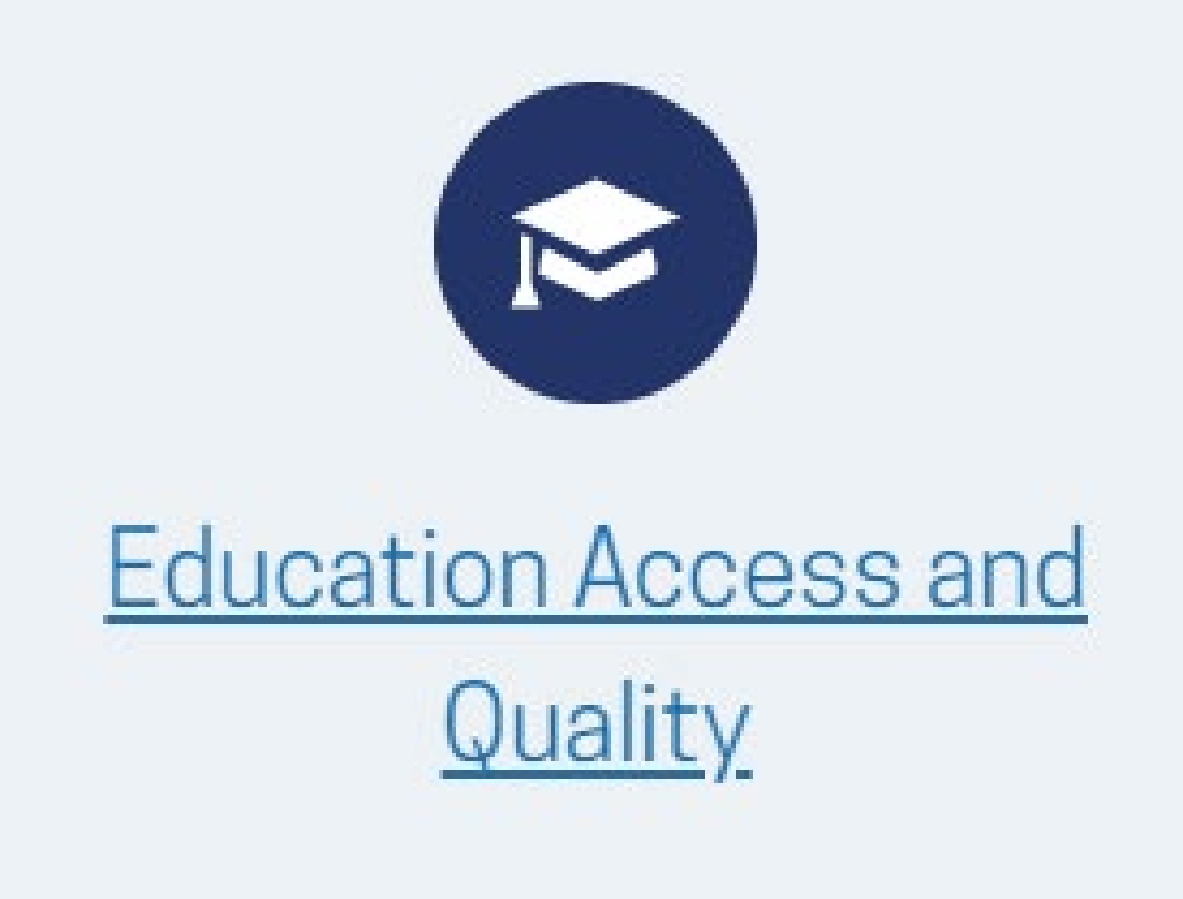
POPULATION WITH HIGHER VULNERABILITY

- Ethnic minorities
- Children
- Women
- Rural communities
- Migrants
- Homeless
- Mentally illness
  - Substance abuse
- Chronically ill and disabled
  - HIV/AIDS

SOCIAL DETERMINANTS OF HEALTH

- Poverty
- Lack of resources
- Time
- Money

Economic Stability



Increased education = better health

Lower college graduation rates in the ethnic minorities

Rural communities lack services

Uninsured = low access to care

Health Care Access and Quality

Neighborhood and Built Environment

Violence

Unsafe air and water

Ethnic minorities and poverty

Social and Community Context

Relationships and acceptance in the community

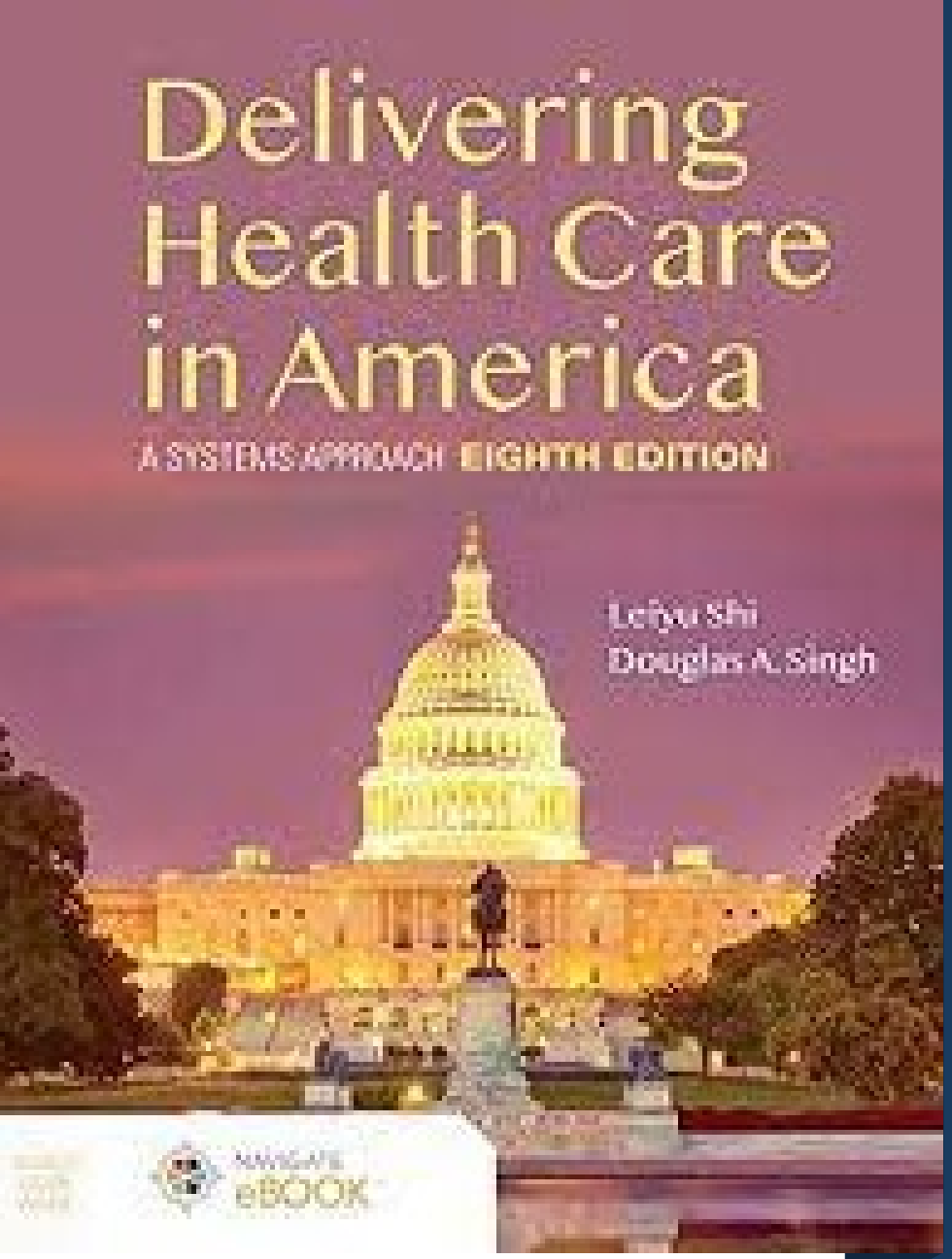
Migrants, homeless, and those with mental illness

SUMMARY AND UP NEXT

In summary we have discussed vulnerability and its impact on raising health risk through the lens of the SDOH.

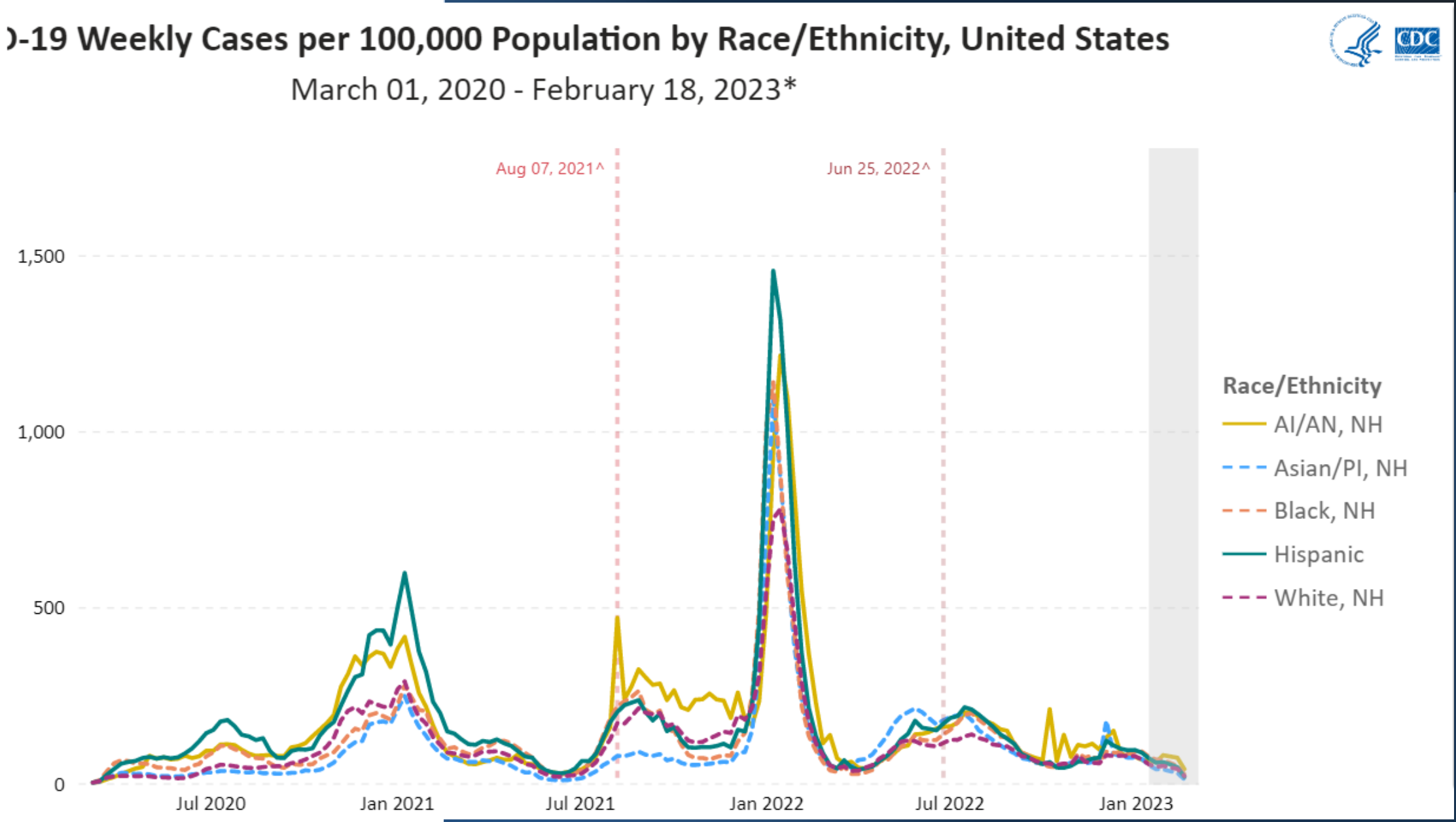
The next point of discussion is how to find this data, understand it, and utilize it effectively. Please join me in the next video.

DATA ANALYSIS



TEXTBOOK

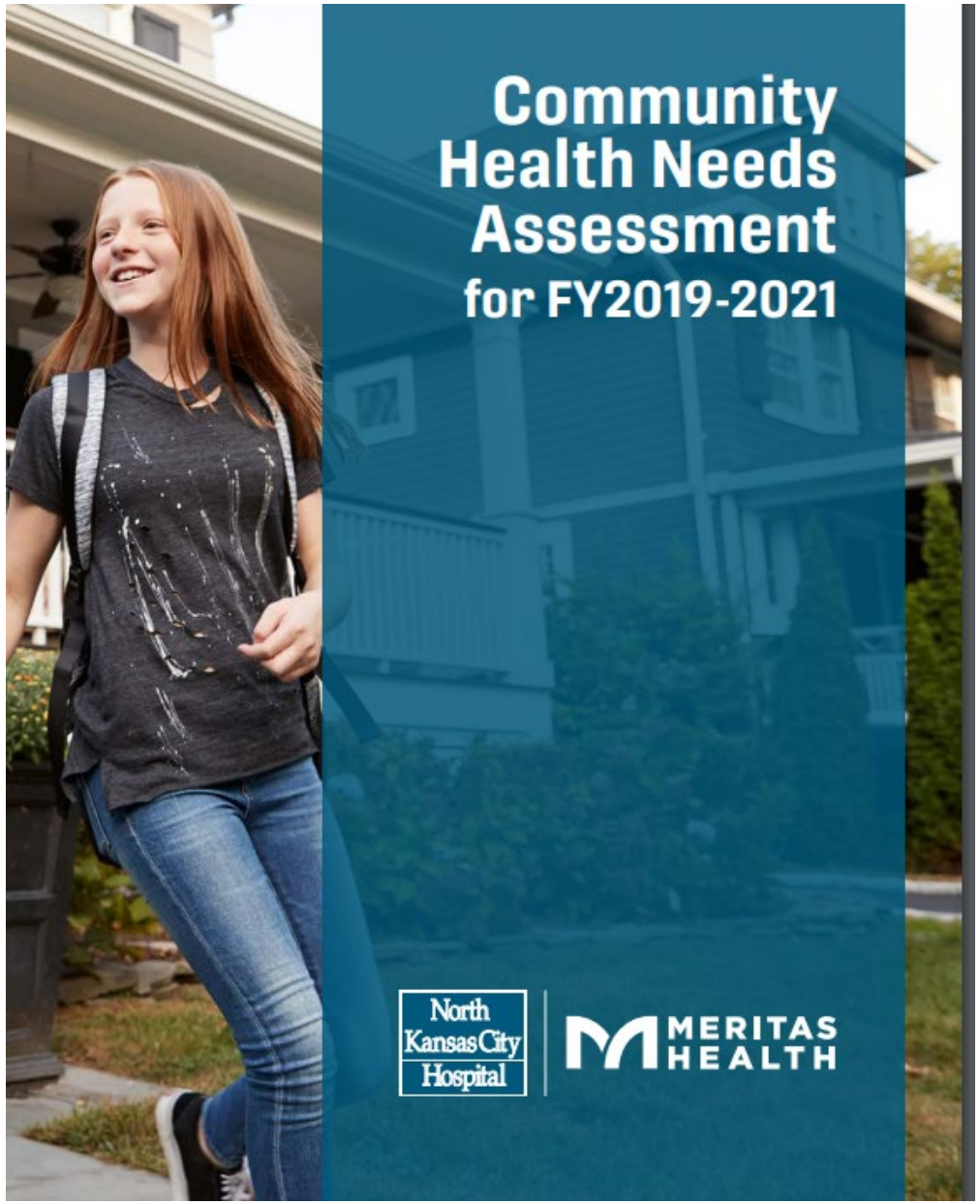
- Chapter 11
  - Introduction
  - Data trends
  - Old information


)-19 Weekly Cases per 100,000 Population by Race/Ethnicity, United States
March 01, 2020 - February 18, 2023*
Aug 07, 2021^
Jun 25, 2022^
1,500
1,000
500
0
Jul 2020
Jan 2021
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Race/Ethnicity
AI/AN, NH
Asian/PI, NH
Black, NH
Hispanic
White, NH

CREDIBLE SOURCES

- Centers for Disease Control and Preventions (CDC)
- Healthy People 2030
- World Health Organization (WHO)
- Professional Journals—AMA, Applied Nursing Research
- Use statistician, informatists, and epidemiologists
- Community Health Needs Assessment
  - Mandated by Affordable Care Act for non-profit hospital organizations
  - Every 3 years
  - Great source of community data
  - Reliable

COMMUNITY HEALTH NEEDS ASSESSMENT



SUMMARY

We have discussed how to find healthcare data and utilize it effectively.

- #1 have the most current data
- #2 get it from credible sources
- #3 be curious about it…. What does it mean to me as a health administrator and what should I do with this new knowledge?

THANK YOU