

# How Do Race & Ethnicity Affect Health in Delaware?

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# Step 1. Get the Data.

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## National Data

- Census Data
- County Health Rankings
  - Behavioral Risk Factor
  - Cancer Reports
  - Communicable Disease Statistics
  - Health Statistics
  - My Healthy Community

## Delaware Data

- DelPROS
- Delaware Health Force
- My Healthy Community

*“It is a capital mistake to theorize before one has data.” – Sherlock Holmes*

# Census Data

census.gov

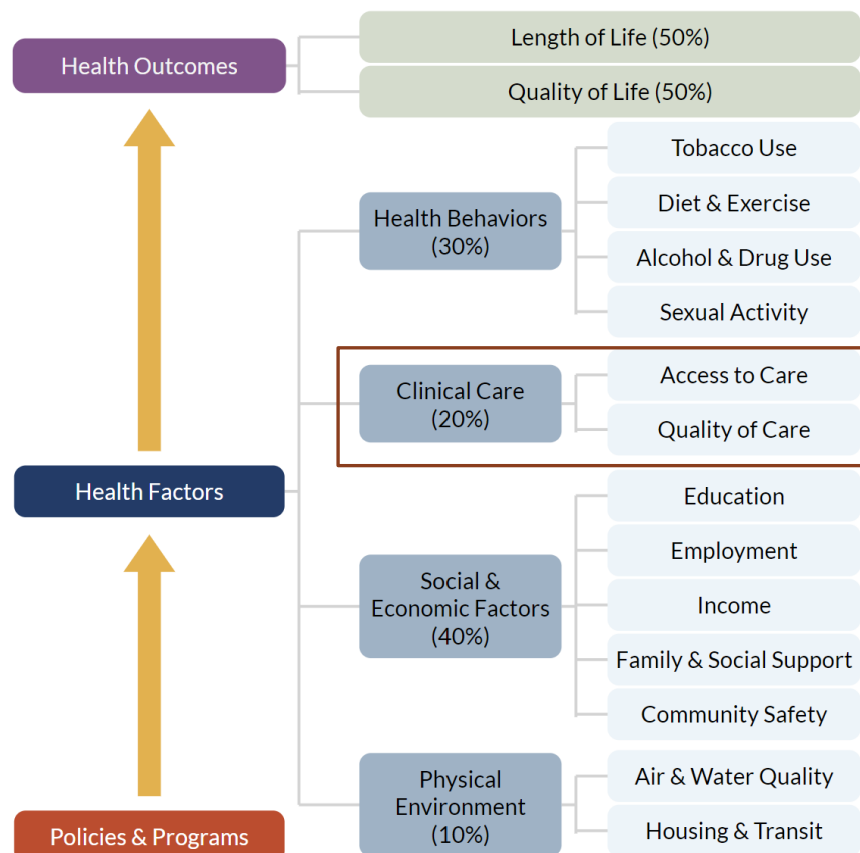
	Delaware	New Castle	Kent	Sussex
Total Population	1,018,396	571,708*	184,149*	247,527*
Female	51.4%	51.3%	51.7%	51.5%
White	68.4%	63.4%	64.3%	83.2%
Black/African American	23.6%	27.2%	28.4%	11.8%
American Indian/Alaska Native	0.7%	0.5%	0.8%	1.1%
Asian	4.2%	6.0%	2.4%	1.4%
Native Hawaiian, Pacific Islander	0.1%	0.1%	0.1%	0.2%
Hispanic/Latino	10.1%	11.0%	7.8%	9.6%

\*County-wide population data from 2021

# County Health Rankings

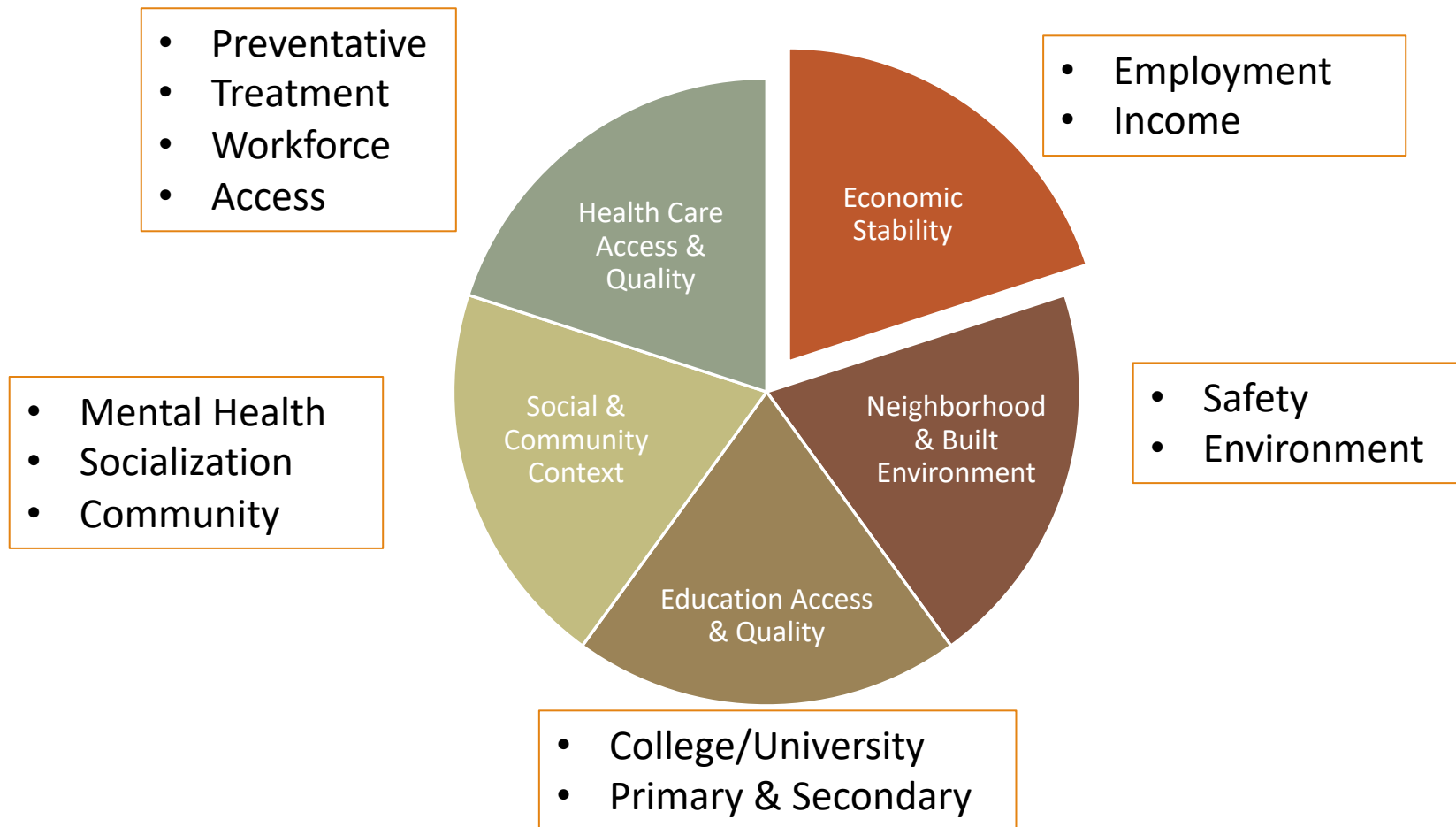
A **snapshot** of how health is influenced by where people live, learn, work, and play

- Outcomes – how healthy are you now?
- Factors – what could impact your health in the future?
- <https://www.countyhealthrankings.org/>



# Social Determinants of Health

*The conditions in the environments where people are born, live, learn, work, play, worship, and age.*



# My Healthy Community

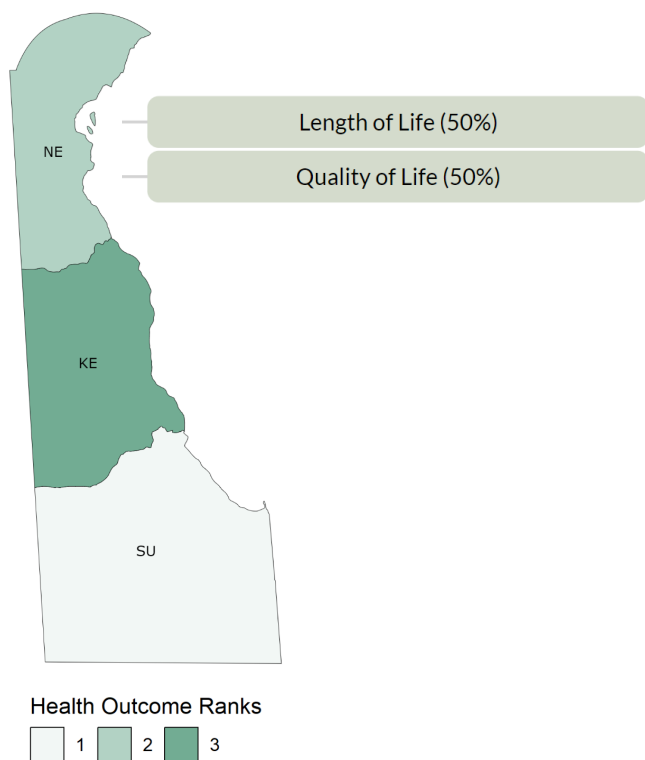
## Equity Counts Data Center

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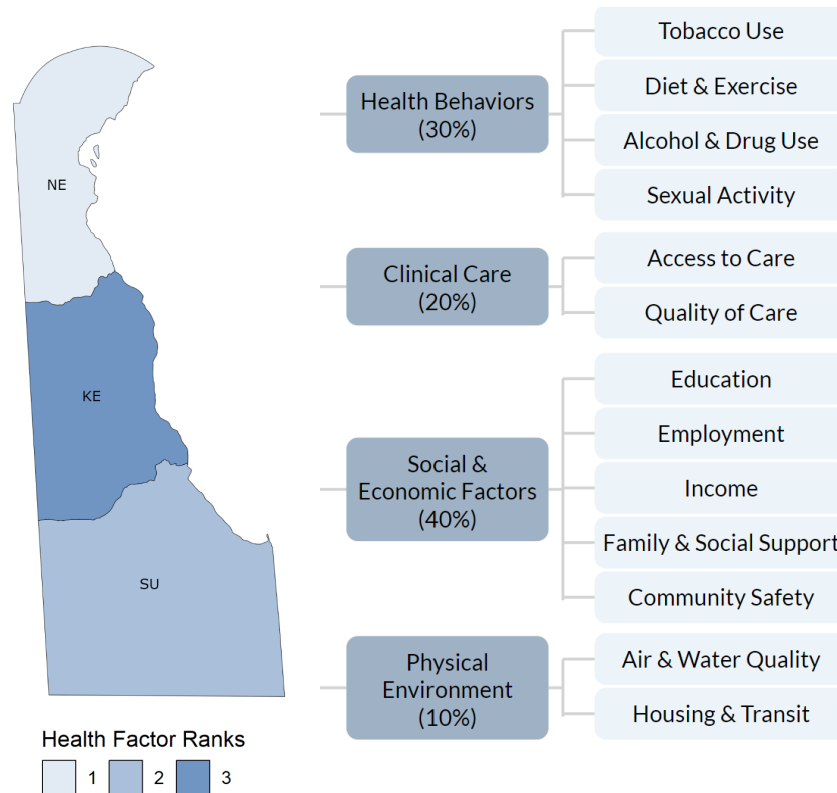
- Population Data
  - Density
  - Total
- Health
  - Preventative Health Care
  - Chronic Disease & Health Outcomes
  - ACEs
  - COVID Statistics
- Education
  - Suspensions & Expulsions
  - Student Performance
  - Student Enrollment & Graduation
- Criminal Justice
  - Youth Risk Factors
- Wealth Creation
  - Employment
  - Income & Poverty
  - Housing
  - Benefits (SNAP)
  - Deprivation

# Step 2. What Does the Data Say?

2023 Health Outcomes - Delaware

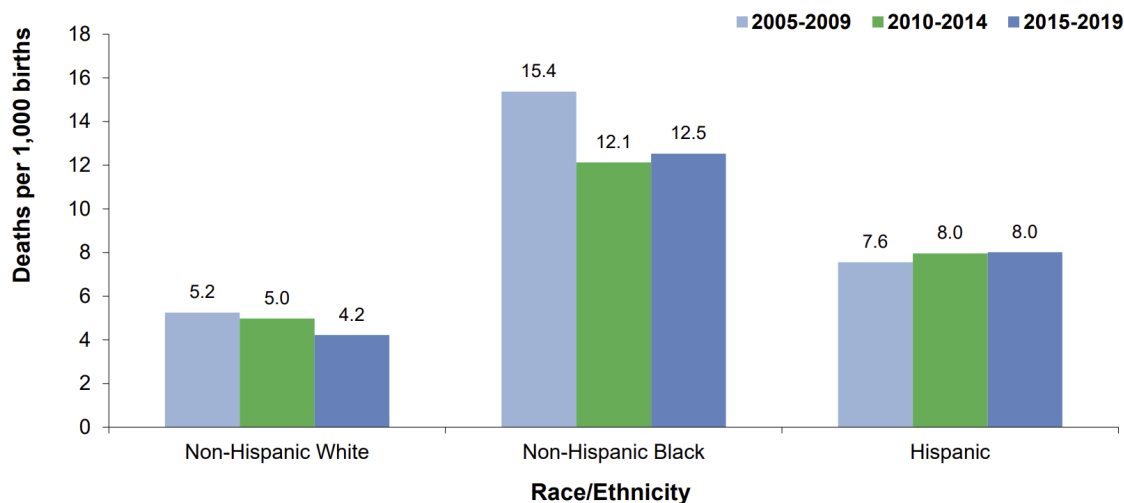


2023 Health Factors - Delaware



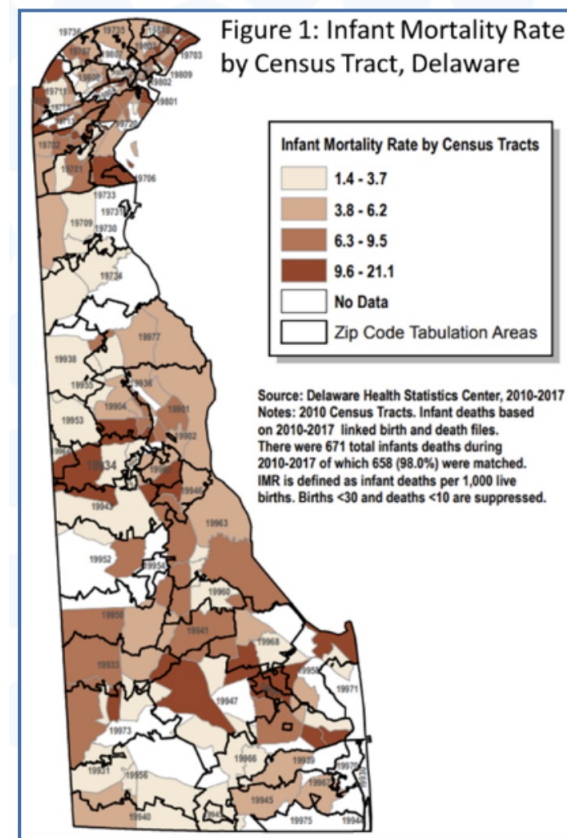
# Infant Mortality (Health of Community)

**Figure 30. Five-year Average Infant Mortality Rates by Race and Hispanic Origin, Delaware 2005-2019**



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Overall:  39%





# Health Outcomes

## Life Expectancy

County	County Value~	Error Margin	AIAN	Asian	Black	Hispanic	White
Delaware	78.0	77.8-78.2					
Kent	77.1	76.7-77.5		92.2	75.4	85.6	77.2
New Castle	77.9	77.7-78.2		91.0	75.5	85.4	78.1
Sussex	78.4	78.0-78.8		89.7	75.4	93.0	78.3

## Years of Potential Life Lost Rate

County	Deaths	County Value~	Error Margin	Z-Score	AIAN	Asian	Black	Hispanic	White
Delaware	13,500	8,100	7,900-8,400						
Kent	2,586	8,600	8,100-9,000	1.13			10,800	4,500	8,200
New Castle	7,241	8,100	7,800-8,400	-0.78		2,300	11,000	4,900	7,800
Sussex	3,644	8,200	7,700-8,700	-0.35			10,500	5,300	8,300

# Clinical Care: Prevention

## Preventable Hospitalization Rate

County	County Value	Z-Score	AIAN	Asian	Black	Hispanic	White
Delaware	3,195						
Kent	3,855	1.02		641	4,304	3,883	3,769
New Castle	3,289	-0.03		1,819	4,576	4,375	2,978
Sussex	2,775	-0.98		1,535	4,754	3,956	2,637

## % with Annual Mammogram

County	County Value	Z-Score	AIAN	Asian	Black	Hispanic	White
Delaware	44%						
Kent	40%	1.09		33%	40%	37%	40%
New Castle	46%	-0.87		41%	45%	39%	46%
Sussex	44%	-0.22		36%	39%	36%	45%

## % Vaccinated

County	County Value	Z-Score	AIAN	Asian	Black	Hispanic	White
Delaware	59%						
Kent	57%	1.15		57%	49%	48%	60%
New Castle	60%	-0.58		62%	46%	51%	63%
Sussex	60%	-0.58	50%	50%	44%	52%	61%

# Social Factors

## % Children in Poverty

County	County Value	Error Margin	Z-Score	AIAN	Asian	Black	Hispanic	White
Delaware	16%	15-17%						
Kent	18%	13-22%	0.21		30%	34%	25%	11%
New Castle	15%	13-17%	-1.09	13%	11%	25%	18%	6%
Sussex	19%	15-23%	0.88	25%	18%	30%	38%	14%

## Injury Death Rate

County	# Injury Deaths	County Value~	Error Margin	Z-Score	AIAN	Asian	Black	Hispanic	White
Delaware	4,211	87	84-90						
Kent	692	77	72-83	-1.12			71	38	87
New Castle	2,464	88	85-92	0.32		20	89	42	103
Sussex	1,055	92	86-97	0.80			90	40	100

## Homicide Rate

County	County Value~	Error Margin	AIAN	Asian	Black	Hispanic	White
Delaware	7	6-7					
Kent	5	4-7			13		2
New Castle	8	7-9			27	4	2
Sussex	3	2-4			15		1

# Step 3. How Can We Get Better?

## Social Determinants of Health



Sets **data-driven** national objectives

- Improve health & well-being over the next decade
- 358 core objectives
- <https://health.gov/healthypeople>

# Segregation Index

*Residential segregation (red lining) has been proven to have a lasting impact on health.*

## Mitigation

- Investments in Communities
  - Decrease crime, pollution
  - Increase sidewalks, green spaces, healthy food
- Access to good quality education, safe & affordable housing
- Access to good quality healthcare & social services

County	Index Value
Delaware	44
Kent	29
New Castle	46
Sussex	44

Range from 0-100

Lower values represent less residential segregation, 100 represents complete segregation.

# Address the Inequities

## Equality



The assumption is that **everyone benefits from the same supports**. This is equal treatment.

## Equity



**Everyone gets the supports they need** (this is the concept of "affirmative action"), thus producing equity.



## Justice





All 3 can see the game without supports or accommodations because **the cause(s) of the inequity was addressed**. The systemic barrier has been removed.

# Address the Shortages

## Primary Care Physicians Ratio

County 	# Primary Care Physicians	County Value 
Delaware	740	1,330:1
Kent	84	2,190:1
New Castle	514	1,090:1
Sussex	143	1,690:1

## Dentist Ratio

County 	# Dentists	County Value 
Delaware	460	2,170:1
Kent	75	2,460:1
New Castle	333	1,720:1
Sussex	55	4,500:1

# Sources

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- County Health Rankings. (n.d.). Delaware. <https://countyhealthrankings.org/explore-health-rankings/delaware>
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