

DeKalb County Board of Health Update

November 9, 2021

DEKALB COUNTY



Board of Health

Sandra J. Valenciano, MD, MPH
District Health Director
DeKalb County Board of Health

Agenda

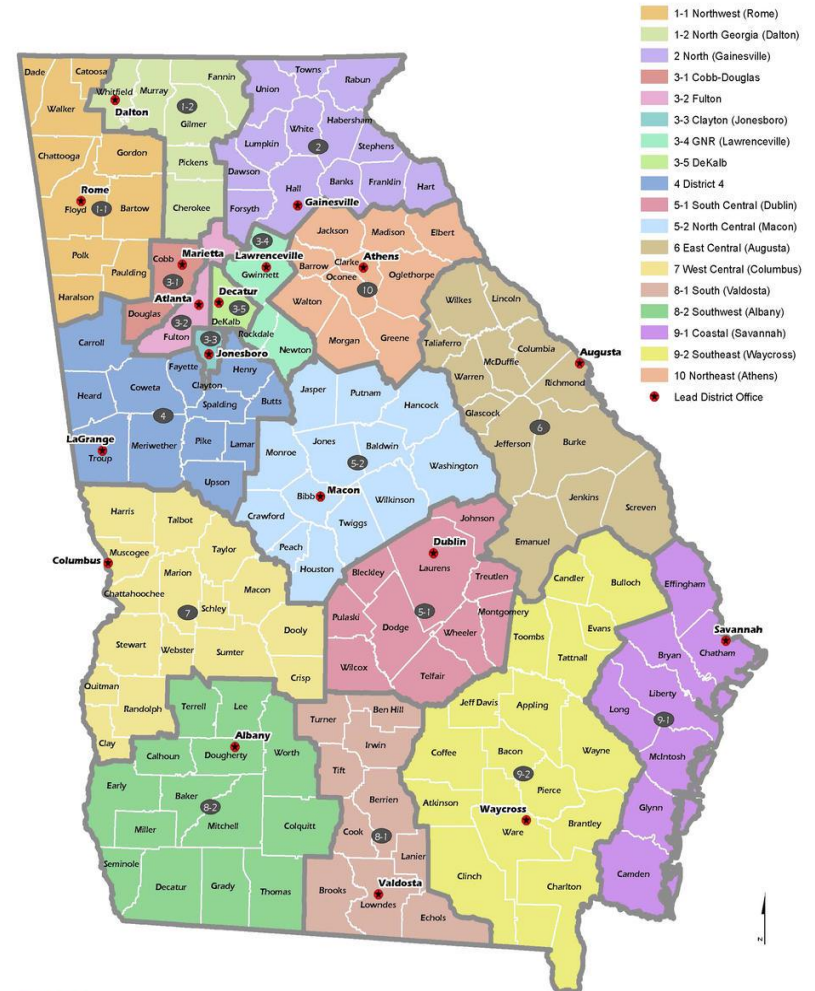
- Introduction of DeKalb County Board of Health
- Profile of DeKalb County
- COVID-19 Pandemic in DeKalb County
- Status of Health in DeKalb County
- Programs and Services
- Questions/Discussion



DEKALB COUNTY BOARD OF HEALTH (DCBOH)

DeKalb County Board of Health

- One of 18 public health districts in GA
 - District 3-5
- One county district



Office of Health Indicators for Planning (CHIP)
Georgia Department of Public Health

0 12.5 25 50 Miles

Created: January 2021
Source: Department of Public Health
Projection: Georgia Statewide Lambert Conformal Conic



Mission of DCBOH

“To protect, promote
and improve the health
of those that
work, live and play
in DeKalb County”

DCBOH Health Centers



Richardson Health Center
Countywide Services
445 Winn Way
Decatur, GA 30030
Telephone: (404) 294-3700



North Dekalb Health Center
3807 Clairmont Rd., N.E.
Chamblee, GA 30341
Telephone: (770) 454-1144



T.O. Vinson Health Center
440 Winn Way
Decatur, GA 30030
Telephone: (404) 294-3762



Clifton Springs Health Center
3110 Clifton Springs Road., Suite D
Decatur, GA 30034
Telephone: (404) 244-2200



East Dekalb Health Center
2277 S. Stone Mtn. - Lithonia Rd.
Lithonia, GA 30058
Telephone: (770) 484-2600



PROFILE OF DEKALB COUNTY

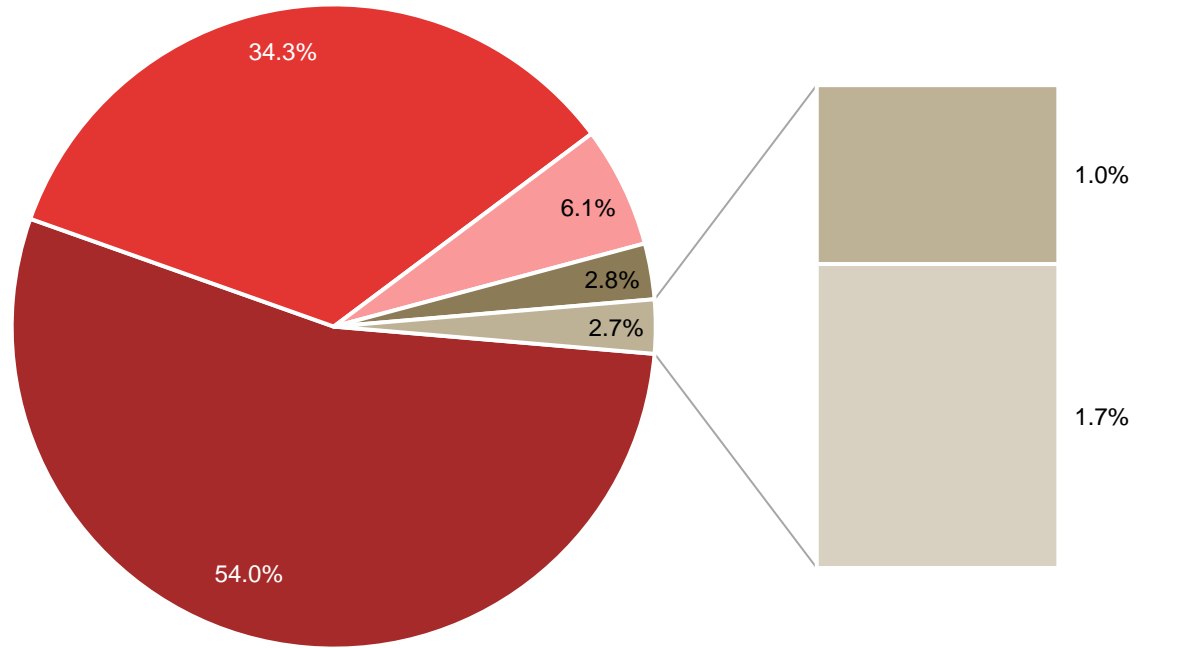


Who lives in DeKalb County?

General Characteristics	2019	%
Total Population	749,323	
Gender		
Male	354,278	47.3%
Female	395,045	52.7%
Age		
Under 5 Years	52,967	7.1%
5 to 19 years	139,071	18.6%
20 to 64 years	467,778	62.4%
65 years and over	89,507	11.9%



DeKalb County Population by Race, 2019

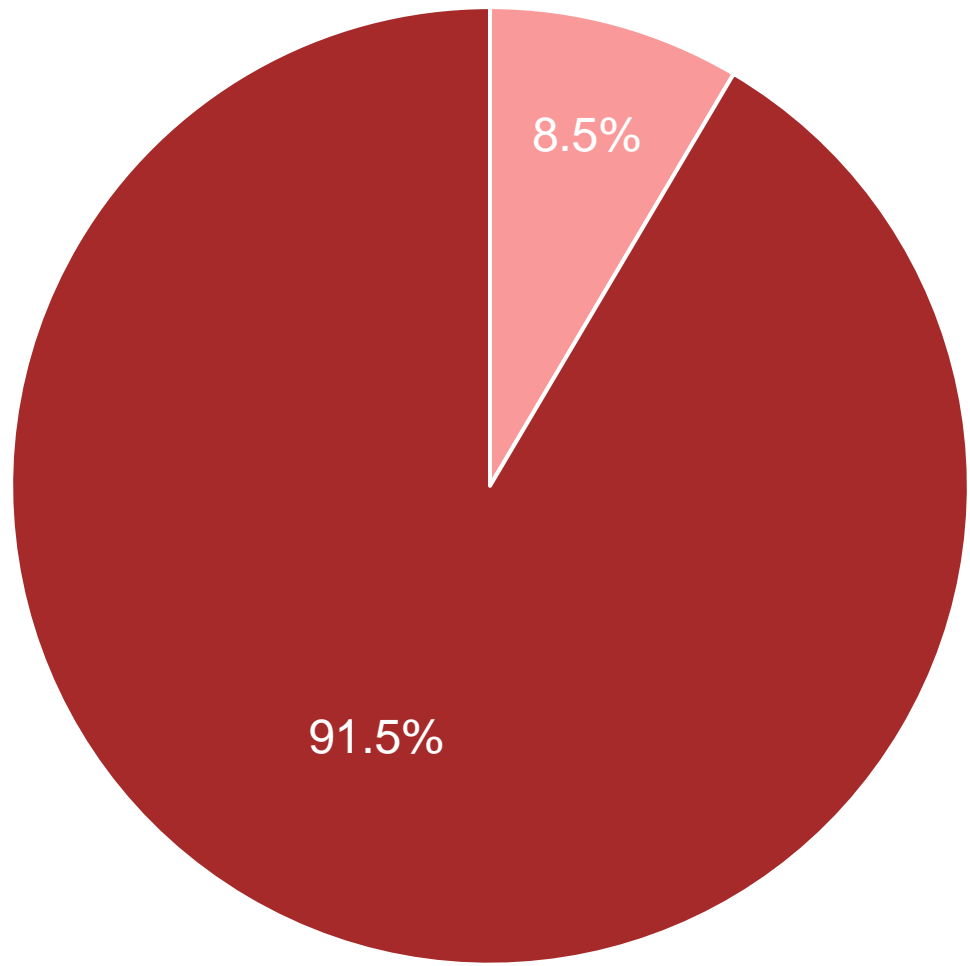


- Black
- Asian
- AIAN

- White
- Two or More Races
- Native Hawaiian/Pacific Islander or Other



DeKalb County Population by Ethnicity, 2019



■ Hispanic or Latino (of any race) ■ Not Hispanic or Latino



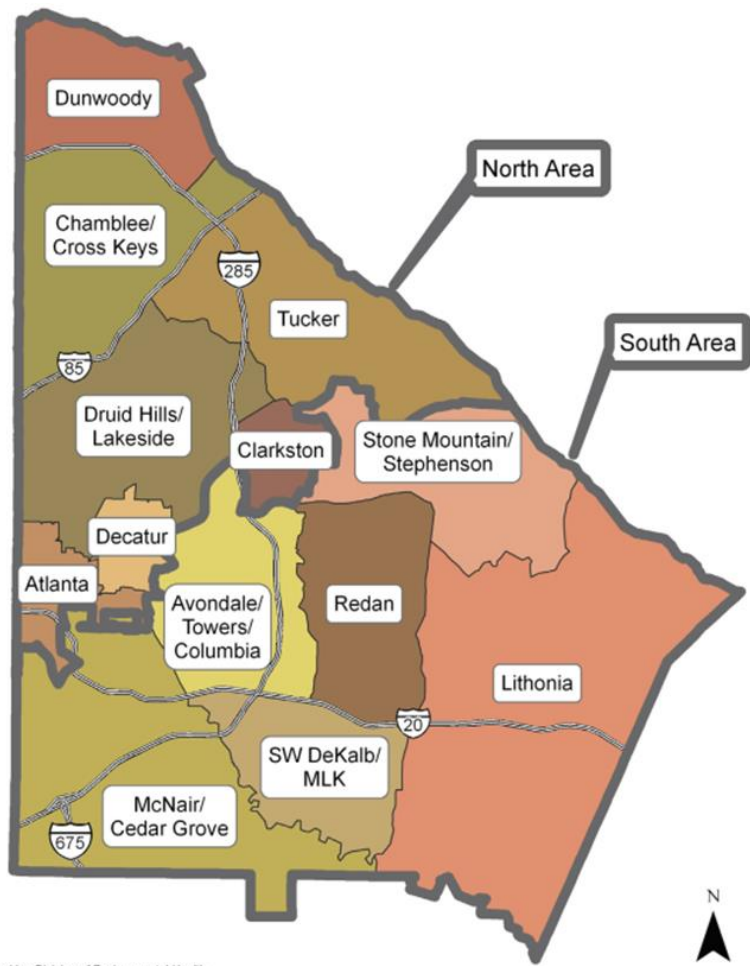
Additional Characteristics

2019 population estimates from the 2019 American Community Survey 5-Year Estimate

Total population	749,323
% Change in total population from 2010 Census	8.3%
% Foreign born	16.0%
% Speak language other than English at home, >5 years old	18.9%



North and South DeKalb



Created by: Division of Environmental Health and Division of Health Assessment & Promotion, DeKalb County Board of Health (2009)



North and South DeKalb Characteristics

General Characteristics	South DeKalb*	North DeKalb*
Total Population	340,838	351,055
Race:		
White	8.1%	57.7%
Black or African-American	87.7%	21.8%
American Indian and Alaska Native	0.2%	0.5%
Asian and Pacific Islander	1.0%	9.2%
Other race	1.2%	7.8%
Two or more race	1.7%	3.0%
Hispanic or Latino (of any race)	2.8%	16.6%

*Based on 2010 DeKalb County Population Estimates

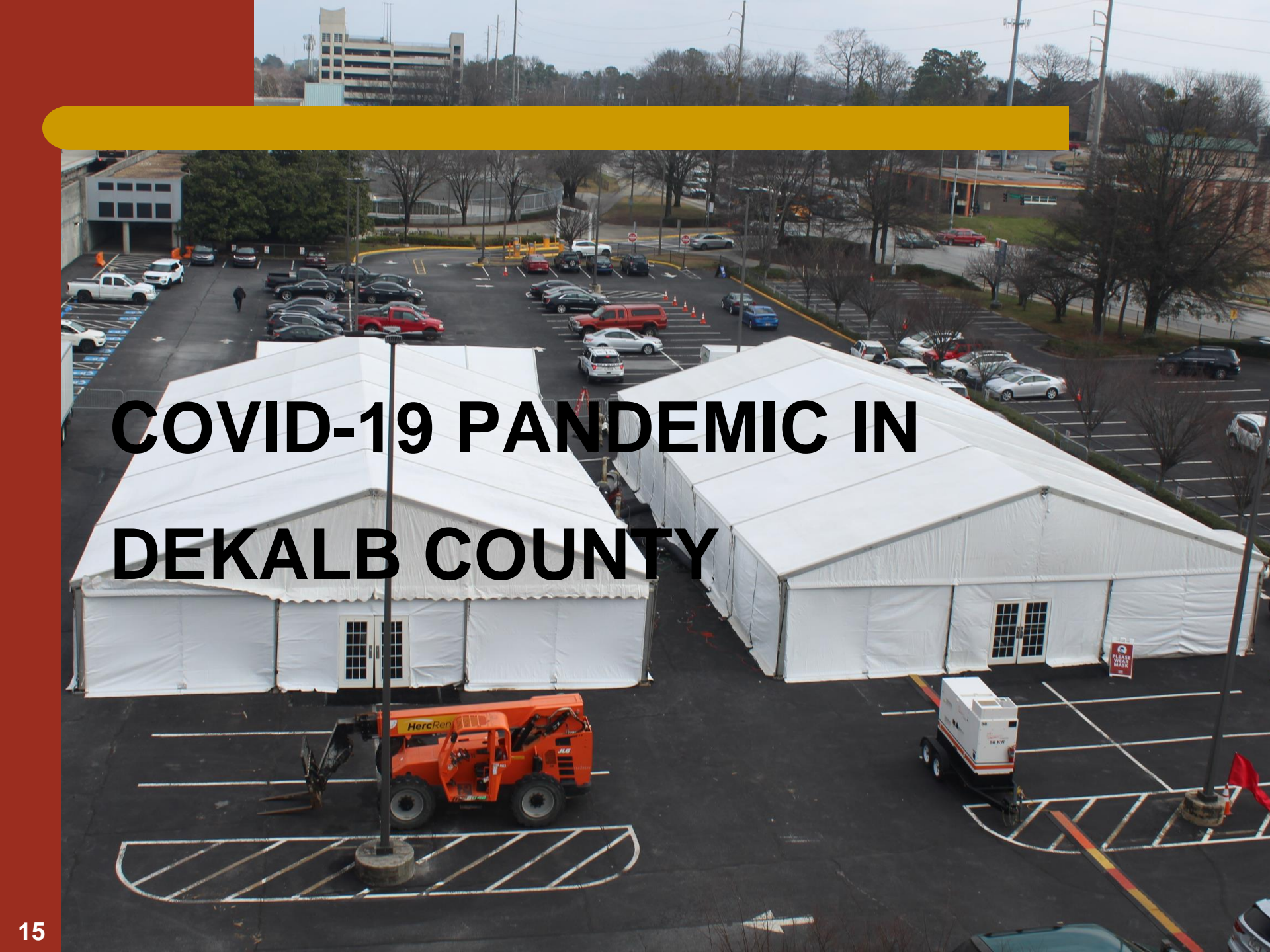


North and South DeKalb Characteristics

	South DeKalb*	North DeKalb*
Social Characteristics		
% High school graduate or higher (25 yrs and older)	54.4%	67.8%
% Bachelor's degree or higher (25 yrs and older)	25.2%	51.2%
% Foreign Born	8.2%	24.5%
% Speak a language other than English at home (≥5 yrs)	7.6%	28.8%

	South DeKalb*	North DeKalb*
Economic Characteristics		
In Labor force (16 yrs and older)	186,206	195,968
Mean household income 2010 (dollars)	\$56,777	\$83,519
Mean family income 2010 (dollars)	\$62,848	\$105,319
Mean per capita income 2010 (dollars)	\$21,381	\$35,498
No. households with public assistance income	2,487	1,590

*Based on 2010 DeKalb County Population Estimates

An aerial photograph of a parking lot with two large white event tents. In the foreground, an orange HercRent forklift is parked. To the right, a white generator on a trailer is visible. The background shows a multi-story building and other parked cars. A yellow horizontal bar is at the top of the image.

COVID-19 PANDEMIC IN DEKALB COUNTY

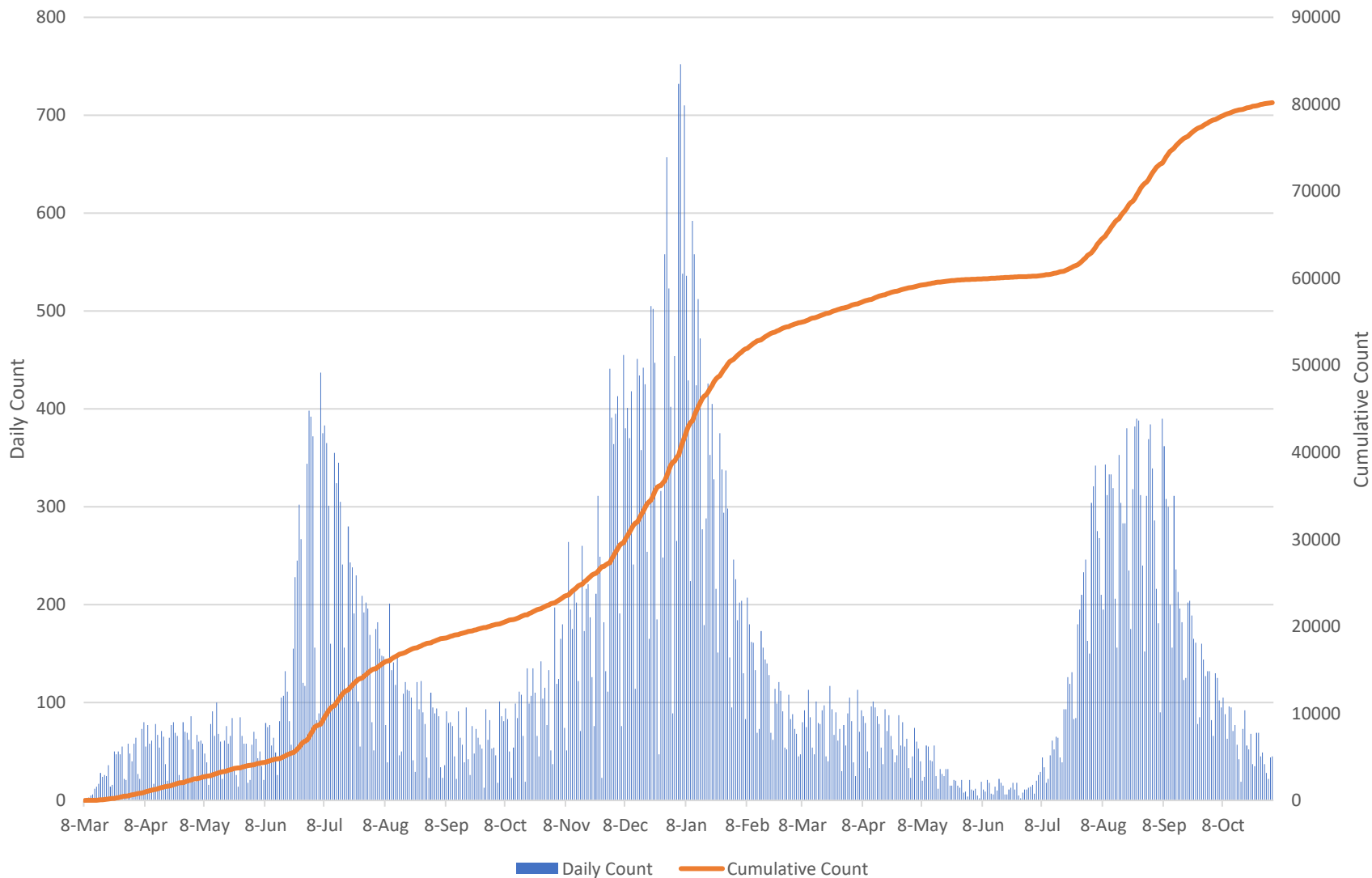
COVID-19 data in DeKalb County

(through 11/7/2021)

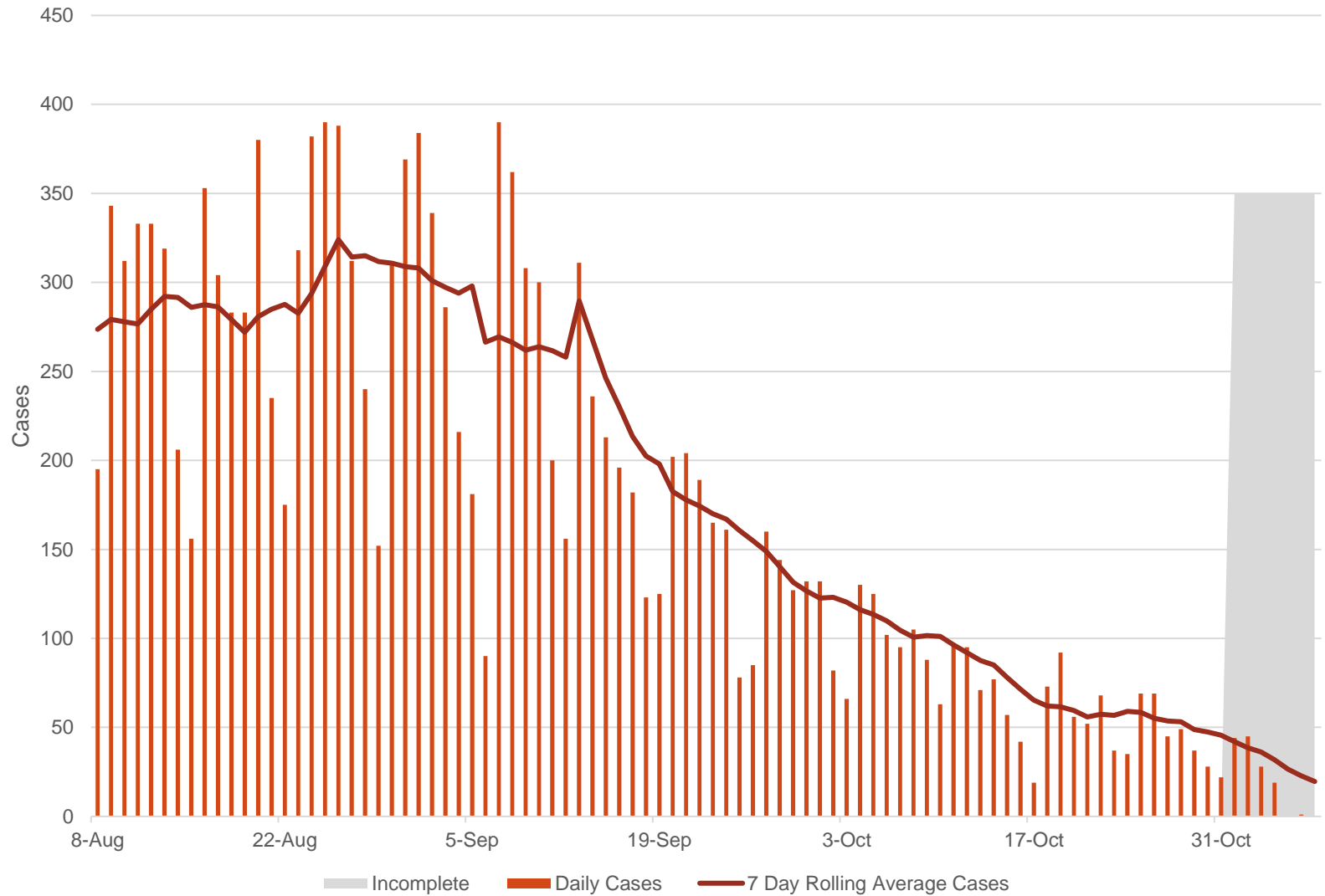
❖ **DeKalb County: 80,282 confirmed cases**

- 6,339 hospitalizations
- 1,214 deaths
- 6.3% of all cases in GA
- 4.8% of all deaths in GA
- 4th highest among GA counties in both cases and deaths

Daily and Cumulative Confirmed COVID-19 Case Counts, DeKalb County

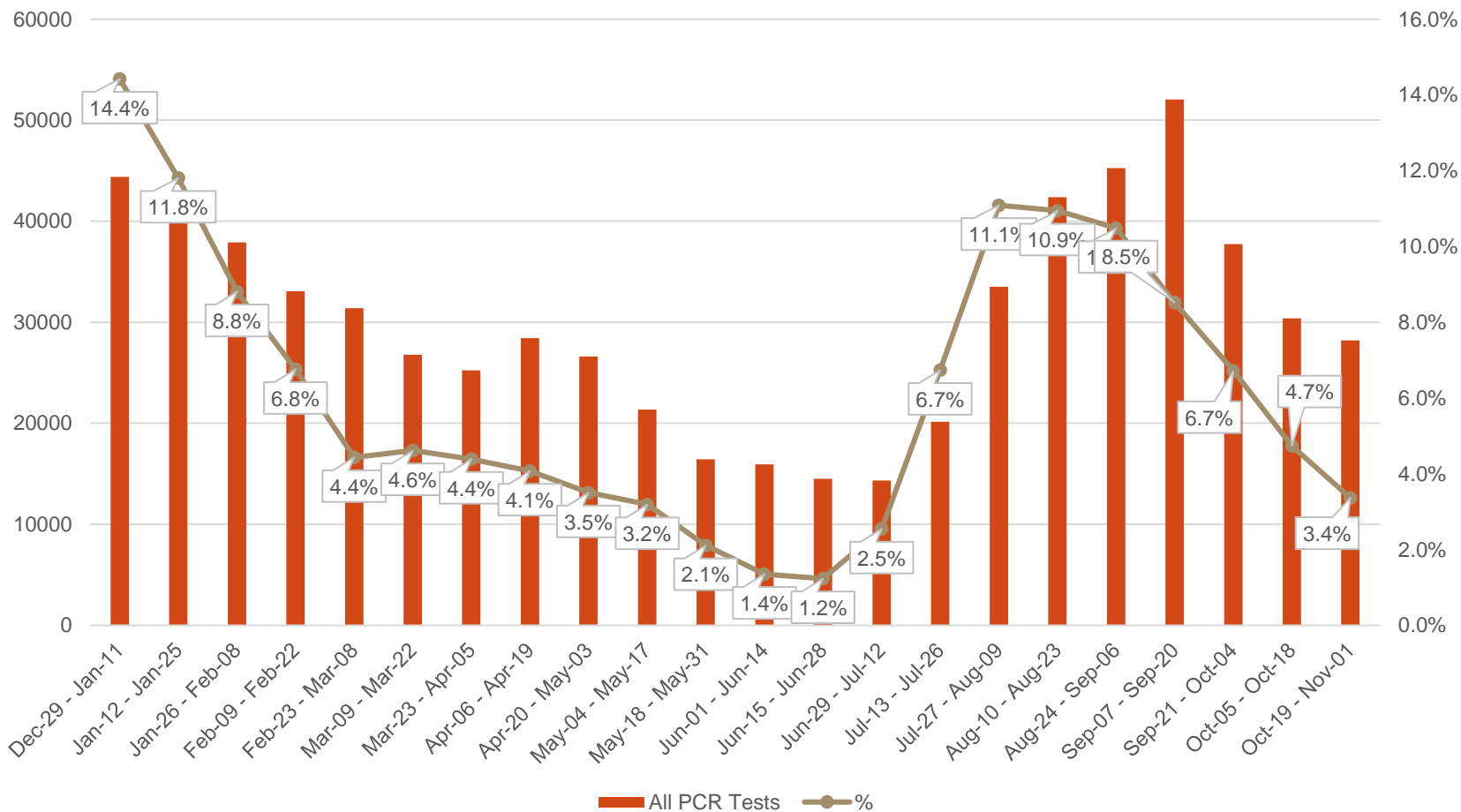


COVID-19 Confirmed Cases in the Last 3 Months* (Averaged over 7 days)



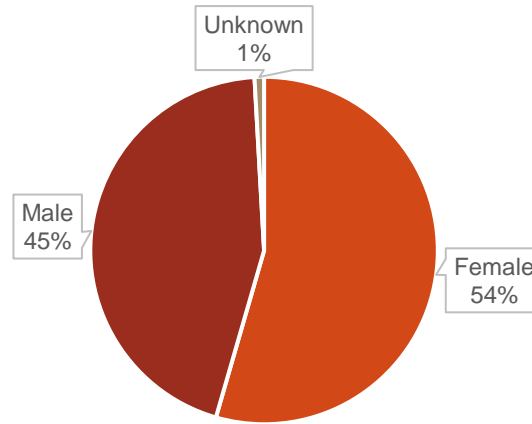
Trends in positive COVID-19 PCR Tests in DeKalb County by 14-day Periods

Trends in positive COVID-19 PCR Tests in DeKalb County by 14-day Periods

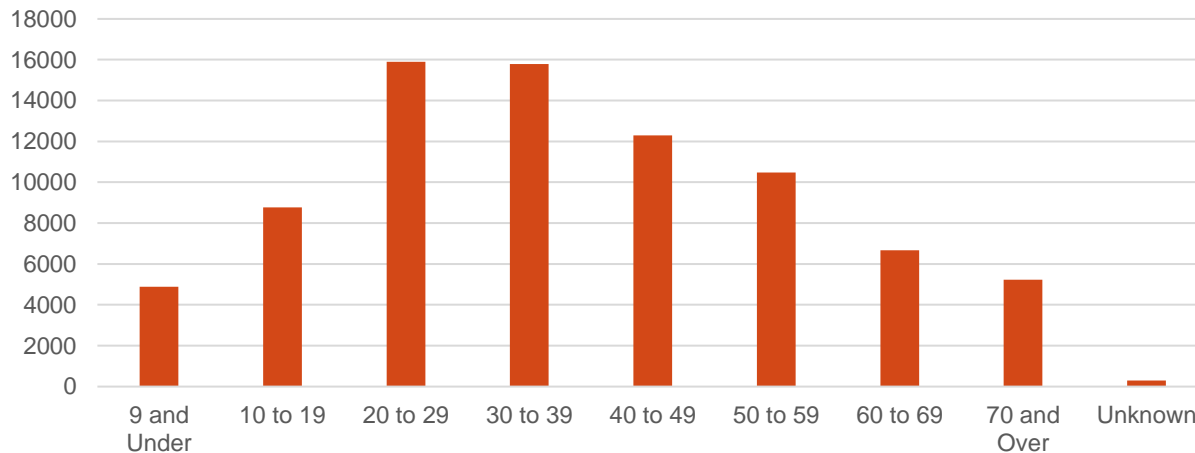


COVID-19 Cases by Gender and Age Group, DeKalb County

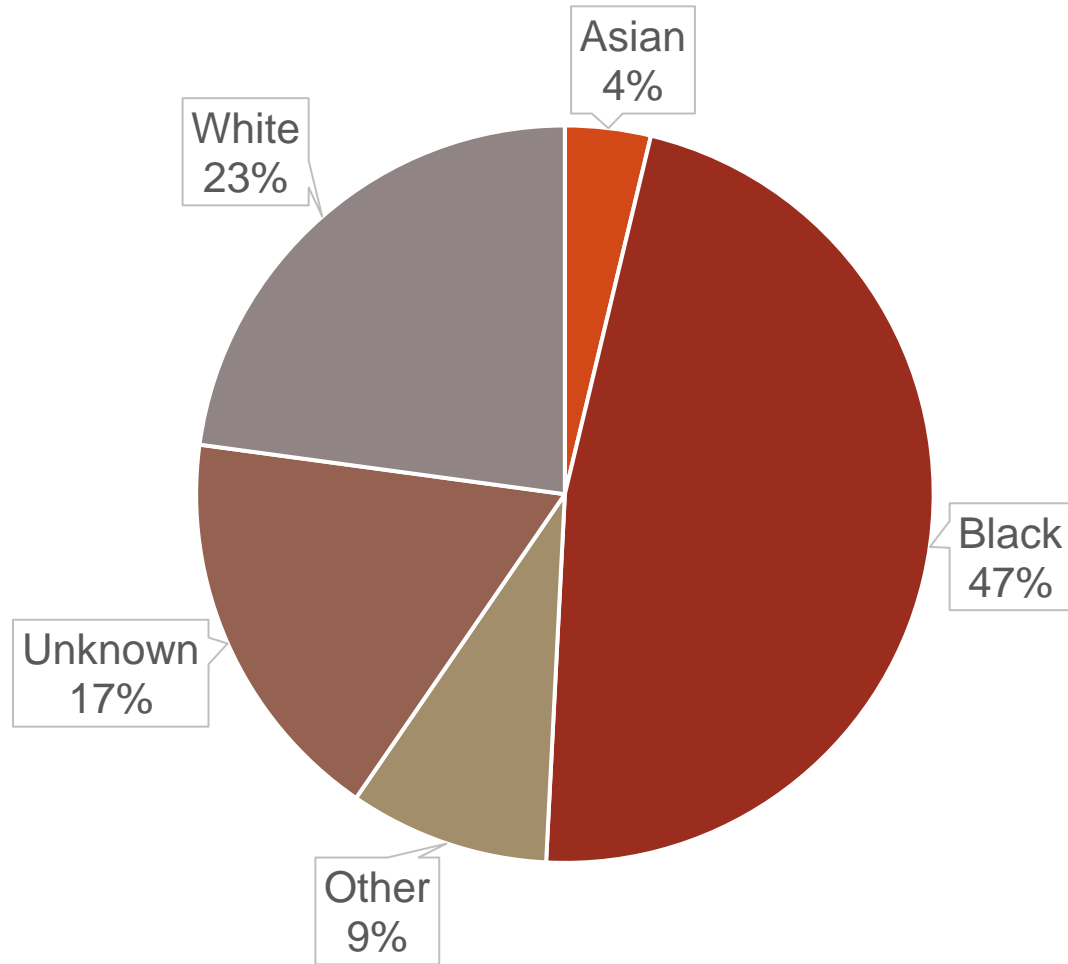
COVID-19 Cases by Gender, DeKalb County



COVID-19 Cases by Age Group, DeKalb County

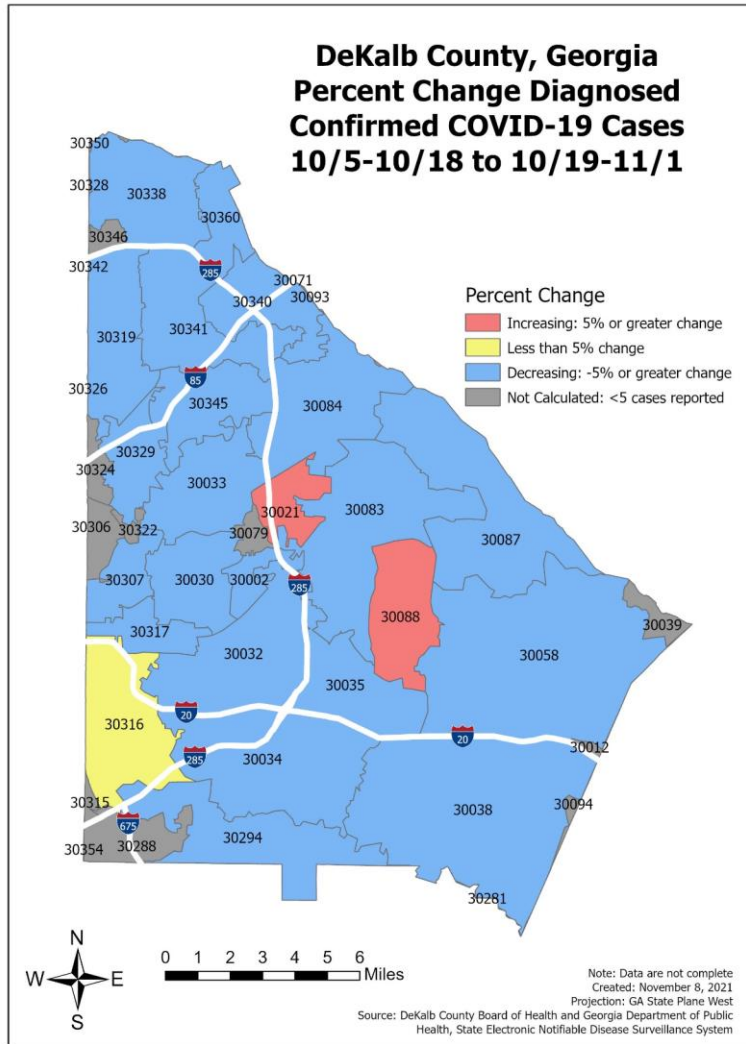


COVID-19 Cases by Race, DeKalb County



**"Other" includes Native Hawaiian/Pacific Islander and American Indian/Native American.*

COVID-19 Cases by Zip Code, DeKalb County



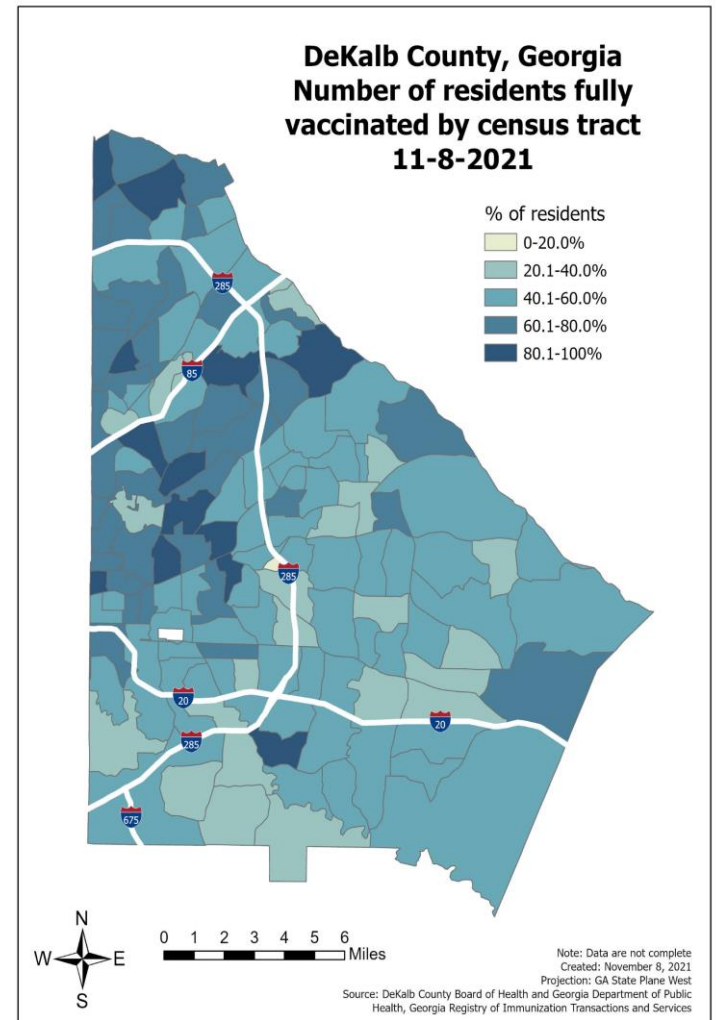
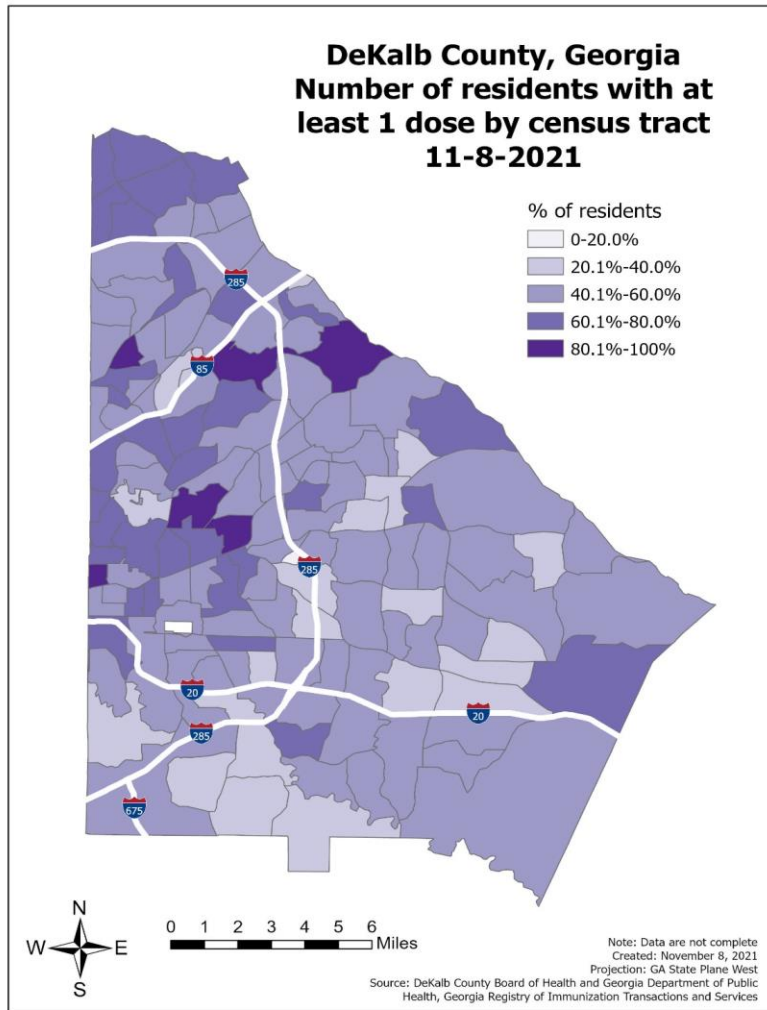
Zip Code	Total Cases	% of Total	Previous 14 Days 10/5-10/18	Recent 14 Days 10/19-11/1	% Change
All DeKalb	80282	100.0%	1108	703	-36.6%
30058	6767	8.4%	97	75	-22.7%
30083	5916	7.4%	79	42	-46.8%
30034	5565	6.9%	69	38	-44.9%
30032	5141	6.4%	89	46	-48.3%
30038	4862	6.1%	63	36	-42.9%
30319	4107	5.1%	49	25	-49.0%
30341	3613	4.5%	46	35	-23.9%
30084	3253	4.1%	38	15	-60.5%
30329	3241	4.0%	54	26	-51.9%

DeKalb County Vaccine Distribution

- DeKalb County (as of 11/5/2021)
 - Total vaccines administered: **887,273**
 - Residents with at least one dose: **444,744 (59%)**
 - Residents fully vaccinated: **398,523 (53%)**

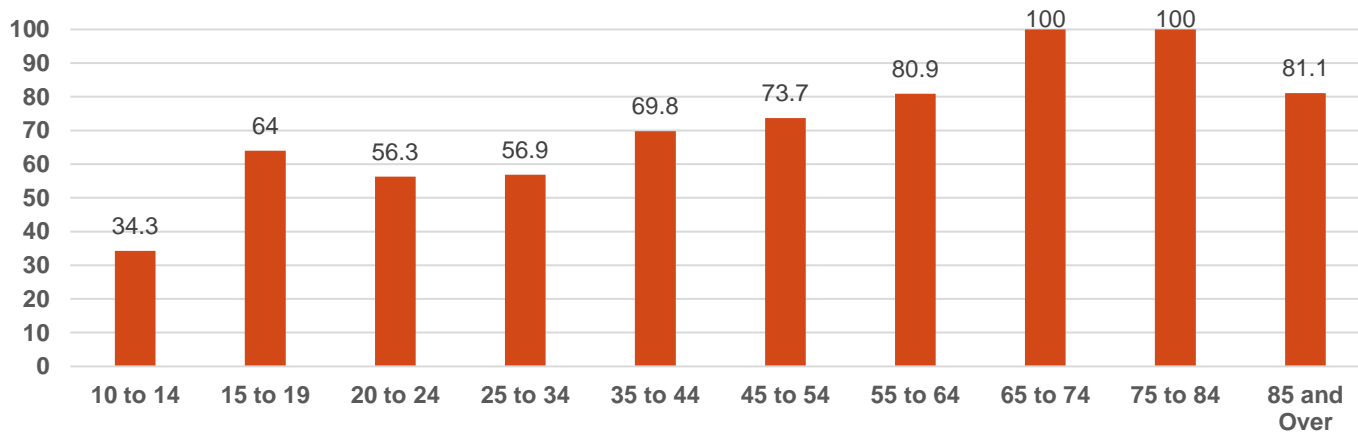
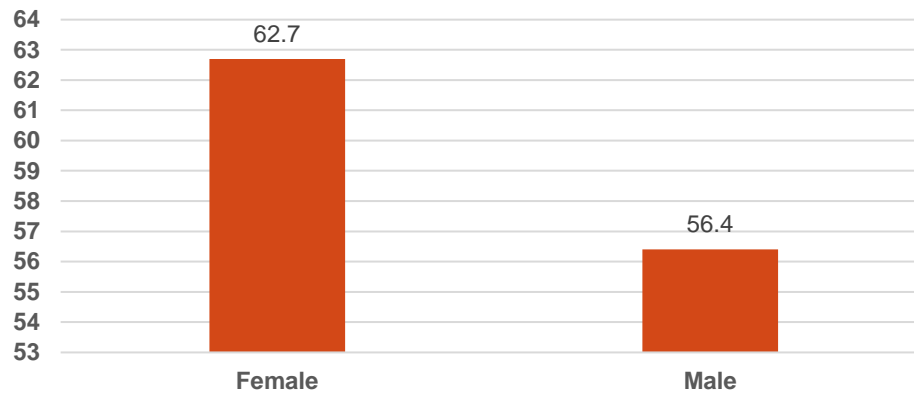
COVID-19 Vaccination Maps

(data through 11/5/2021)



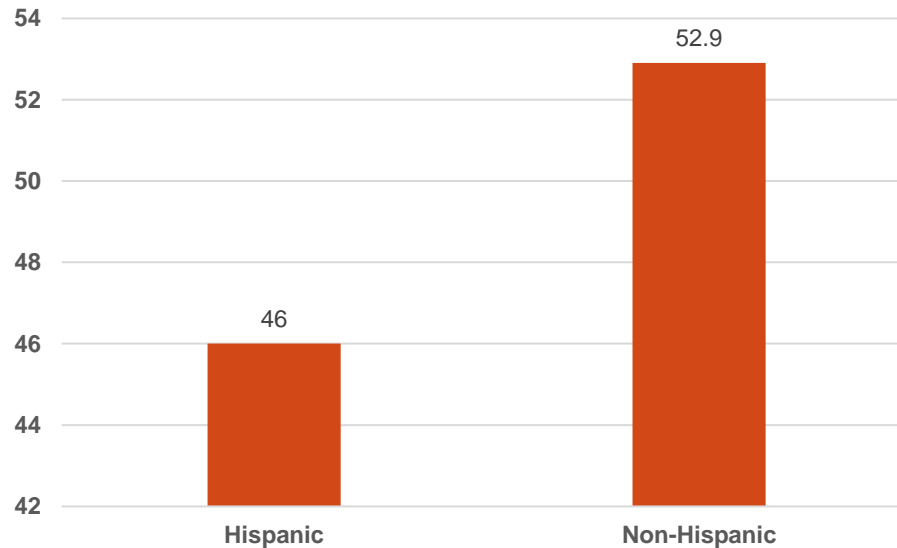
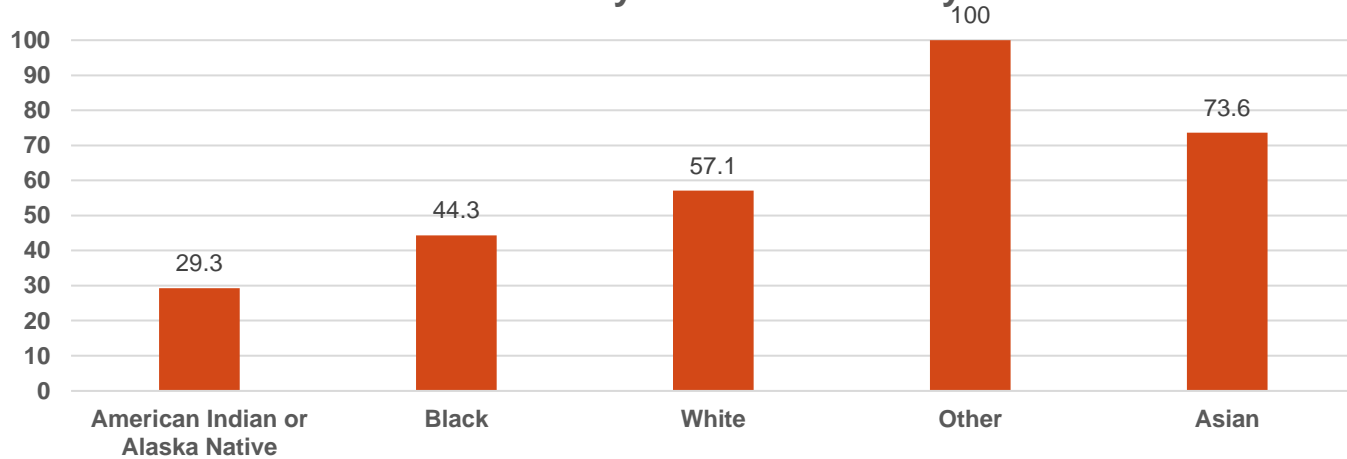
DeKalb County Vaccine Distribution by Gender and Age Group

Percent of residents (within that demographic) with at least one dose by gender and age



DeKalb County Vaccine Distribution by Race and Ethnicity

Percent of residents (within that demographic) with at least one dose by race and ethnicity



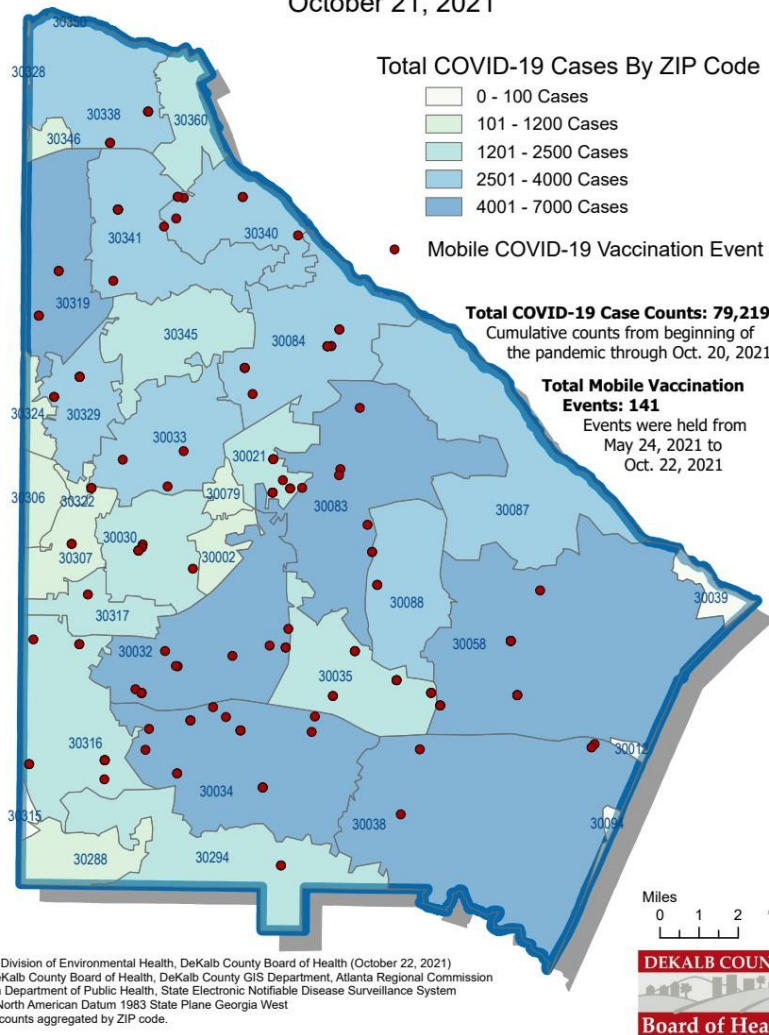
DCBOH COVID-19 Response

- COVID-19 Case Investigation and Contact Tracing
- COVID-19 testing and vaccination Clinics
- Strike Team
 - EMS, Fire, Police
 - Elderly living in personal care homes
 - Senior living facilities
 - Homebound residents
- DeKalb School Districts
- CORE
- Mobile COVID-19 teams



DCBOH Mobile COVID-19 teams

COVID-19 Cases and Mobile Vaccination Events
DeKalb County, Georgia
October 21, 2021



- Over 140 events
- 6,960 vaccines administered from May – October

What can you do to stop the spread?

- Get vaccinated
- Wear a mask in crowded settings (indoors or outdoors regardless of vaccination status)
- Social distance
- Hand hygiene and respiratory etiquette

COVID-19: COVID-19 vaccine

- What vaccines are available?
 - Pfizer vaccine for ages 5+ (2 dose series, 21 days apart)
 - Moderna vaccine for ages 18+ (2 dose series, 28 days apart)
 - Janssen vaccine for ages 18+ (1 dose series)
- What are true contraindications to COVID-19 vaccine?
 - Allergic reaction to a previous dose of COVID-19 vaccine
 - Allergy to an ingredient of the COVID-19 vaccine

“Additional dose” vs “Boosters”

- What is an additional dose and who is eligible?
 - Approved for certain people who do not build enough (or any) protection when they first get a vaccination
 - Approved for people with moderate to severe immunocompromising conditions
 - Active cancer treatment, organ transplant recipients on immunosuppressive therapy, moderate or severe primary immunodeficiency, advanced or untreated HIV infection, high dose immunosuppressive medications
- What is a booster dose and who is eligible?
 - Another dose of a vaccine that is given to someone who built enough protection after vaccination but that protection decreased over time
 - Approved by CDC for Pfizer, Moderna, and J&J

Who is eligible for a booster?

COVID-19 → Am I eligible for a booster shot?

Who?

If you received a Pfizer or Moderna series:

- > 65 years and older
- > Age 18+ who live in long-term care settings
- > Age 18+ who have underlying medical conditions
- > Age 18+ who work or live in high-risk settings

If you received a J&J vaccine:

- > Age 18+

When?

- > At least 6 months after Pfizer or Moderna
- > At least 2 months after J&J

Which booster shot do I get?

- > You may have a preference, but you can get any booster shot.



FIND OUT MORE AT [CDC.GOV](https://www.cdc.gov) & [VACCINES.GOV](https://www.vaccines.gov)



329630-01

COVID-19: Bottom line

- Follow CDC guidelines
- Vaccination
 - Protection against severe disease, hospitalization, and death
 - Vaccines are effective against the Delta variant
- Masking
 - Mask in indoor public settings
- Stay home if you're sick, get tested if you have symptoms even if you think it's just allergies or a cold!
- Get your flu shot!
- Eat healthy, exercise, stop smoking



STATUS OF HEALTH IN DEKALB COUNTY



Leading Cause of Death

Rank		DeKalb County		Georgia	
		Number of Deaths	Age-Adjusted Death Rate (per 100,000)	Number of Deaths	Age-Adjusted Death Rate (per 100,000)
1	Major Cardiovascular Diseases	6,262	198.1	116,197	237.4
	Heart Disease (incl. heart attack)	1,705	53.2	38,087	76.4
	Stroke	1,239	40.5	20,481	43
2	Cancers	4,980	150.1	83,672	160.7
	Lung	1,038	31.5	22,349	42.2
	Colon	513	15.3	7,848	15.1
	Breast	465	13.5	6,411	12.3
3	Nervous System Diseases	1,626	55.3	39,662	81.3
4	Respiratory Diseases	1,624	53	28,614	62.8
	Pneumonia	285	9.1	6,895	14.5
5	External Causes	1,861	51.6	31,590	62.2
	Homicide	442	12	3,603	7.1
	Motor Vehicle Crashes	366	9.9	7,002	13.6

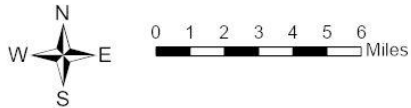
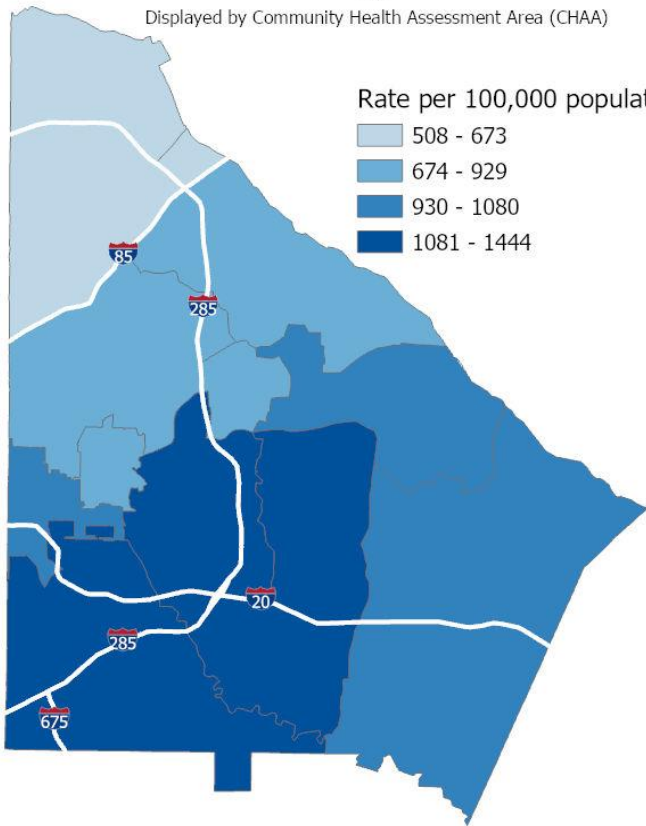
Cardiovascular Disease

Morbidity Rates for Cardiovascular Diseases by Geographic Location DeKalb County, 2013-2017

Displayed by Community Health Assessment Area (CHAA)

Rate per 100,000 population

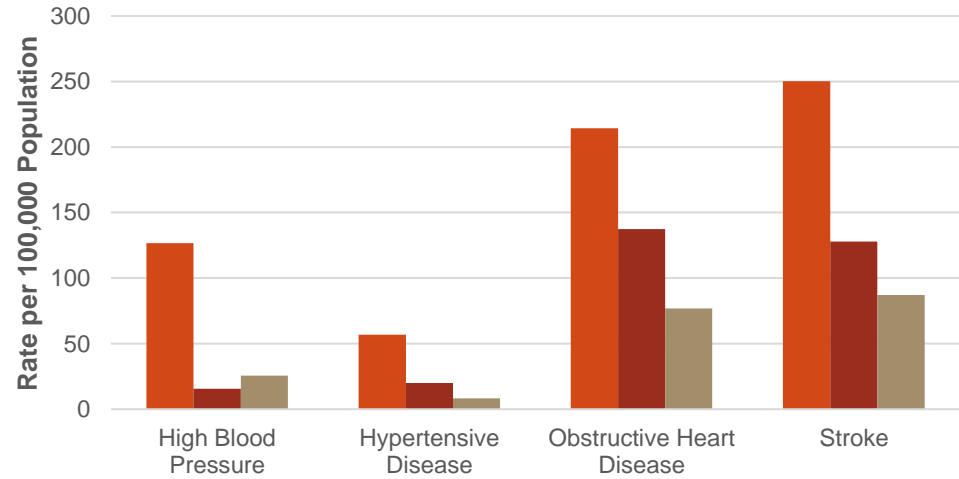
- 508 - 673
- 674 - 929
- 930 - 1080
- 1081 - 1444



Created: June 3, 2021
Projection: GA State Plane West
Source: DeKalb County Board of Health
and Georgia Department of Public Health

Morbidity Rates for Cardiovascular Disease by Type and Race, DeKalb County, 2013- 2017

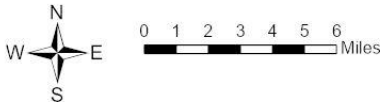
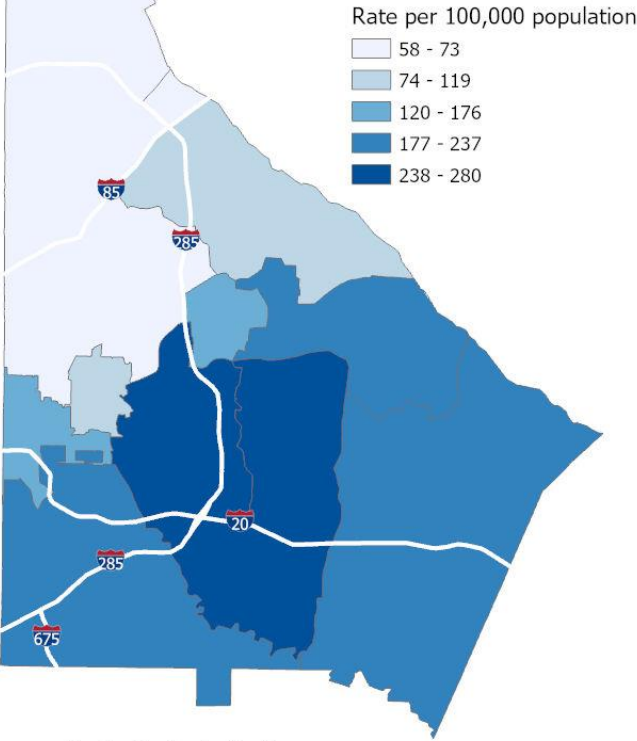
Black White Asian



Diabetes

Morbidity Rates for for Diabetes by Geographic Location DeKalb County, 2013-2017

Displayed by Community Health Assessment Area (CHAA)



Created: June 3, 2021
Projection: GA State Plane West
Source: DeKalb County Board of Health and Georgia Department of Public Health

Percentages of Adults with Diabetes by Race and Age, DeKalb County, 2014

	Race		Age group		
	White	Black	18 to 44	45 to 64	65 and over
Percentage	10.1%	17.0%	3.5%	16.2%	38.0%

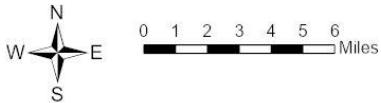
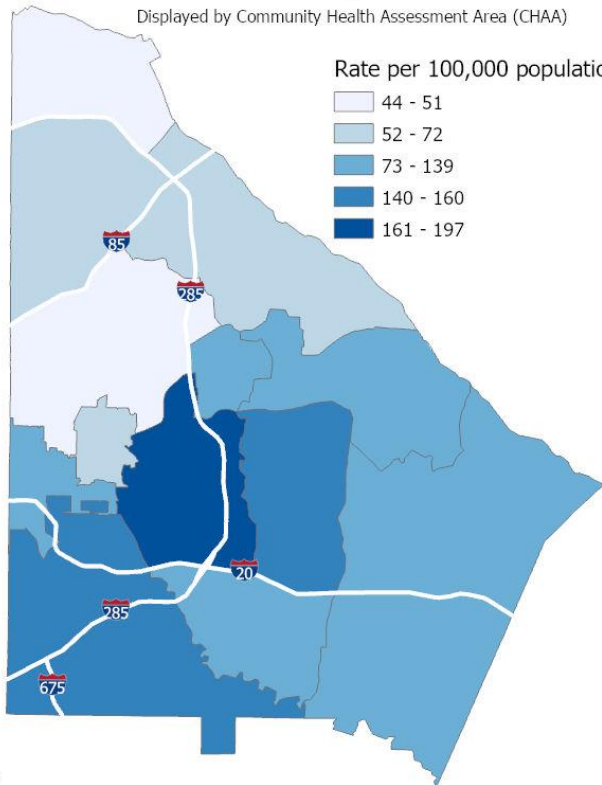
Asthma

Morbidity Rates for for Asthma by Geographic Location DeKalb County, 2013-2017

Displayed by Community Health Assessment Area (CHAA)

Rate per 100,000 population

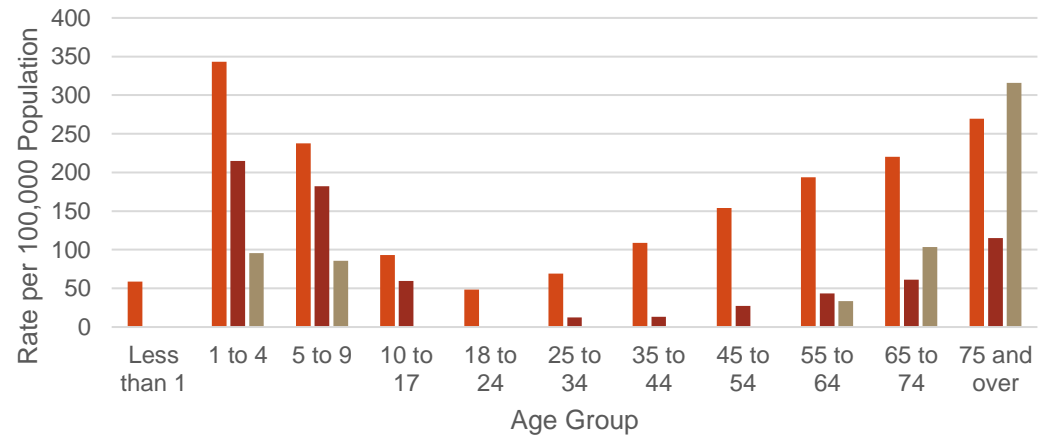
- 44 - 51
- 52 - 72
- 73 - 139
- 140 - 160
- 161 - 197



Created: June 3, 2021.
Projection: GA State Plane West
Source: DeKalb County Board of Health
and Georgia Department of Public Health

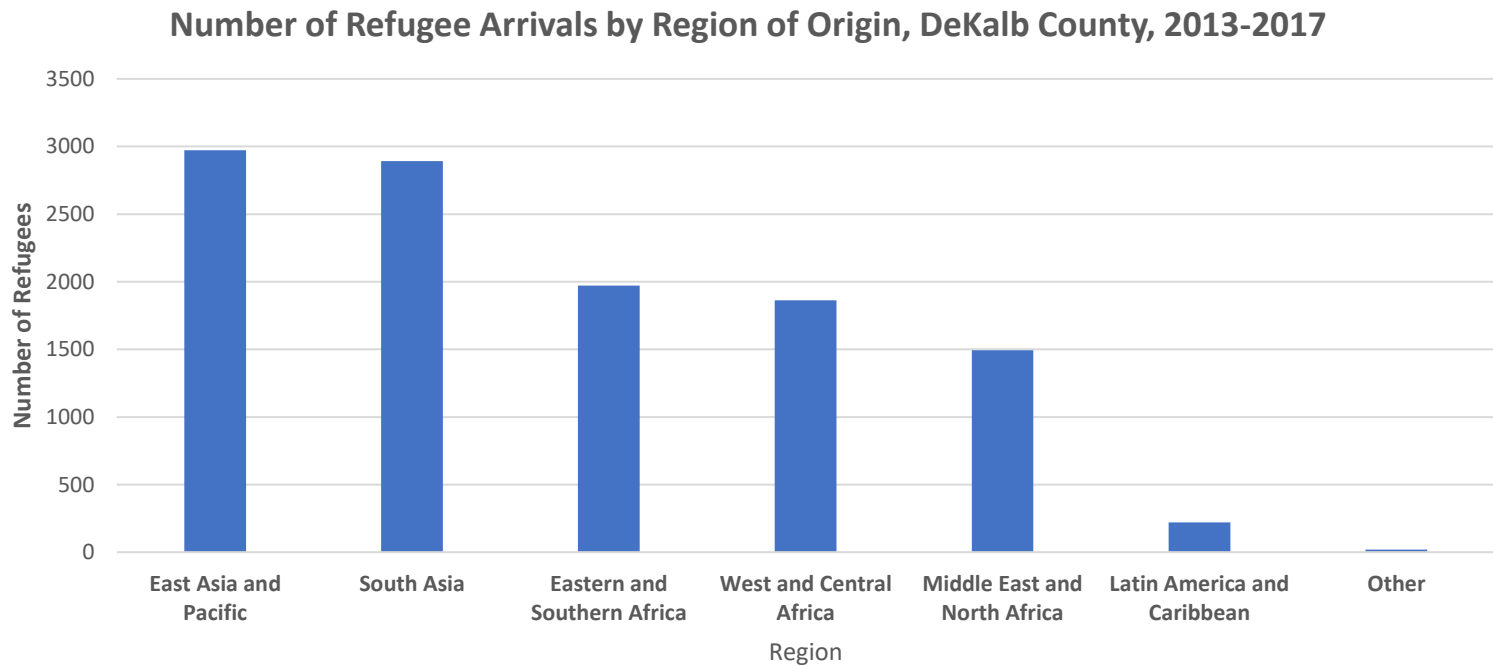
Hospitalization Rates for Asthma by Race and Age Group, DeKalb County, 2013-2017

Black White Asian



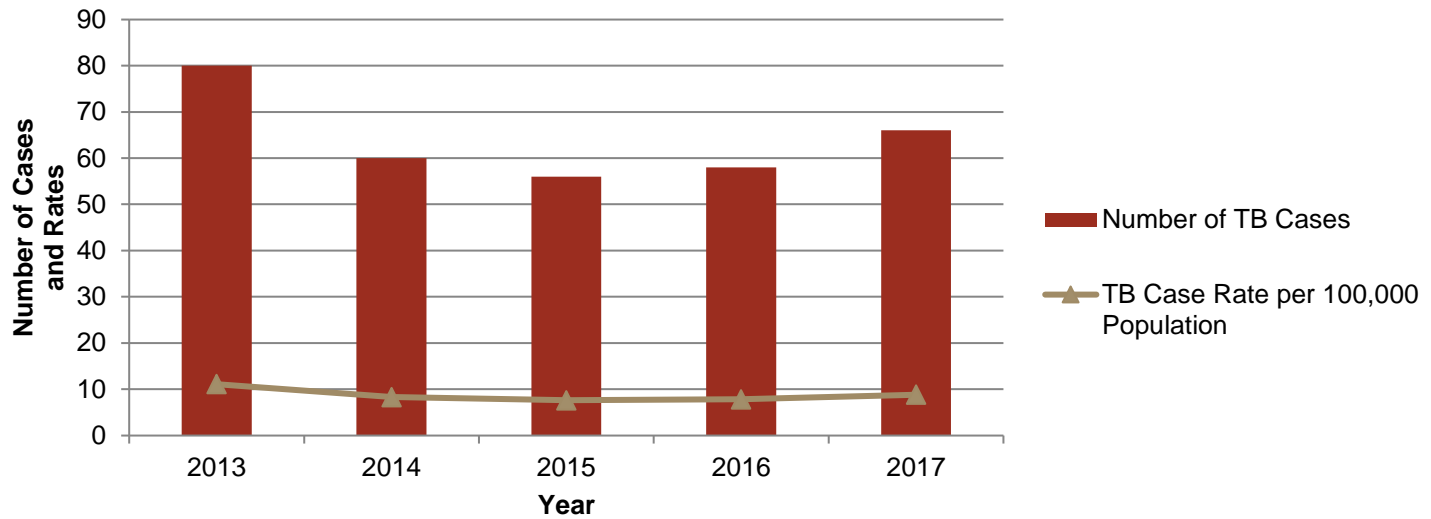
Refugee Health

- From 2013-2017, 11,434 refugees arrived in DeKalb County
 - Of these, 94% received health screenings at DCBOH



Tuberculosis

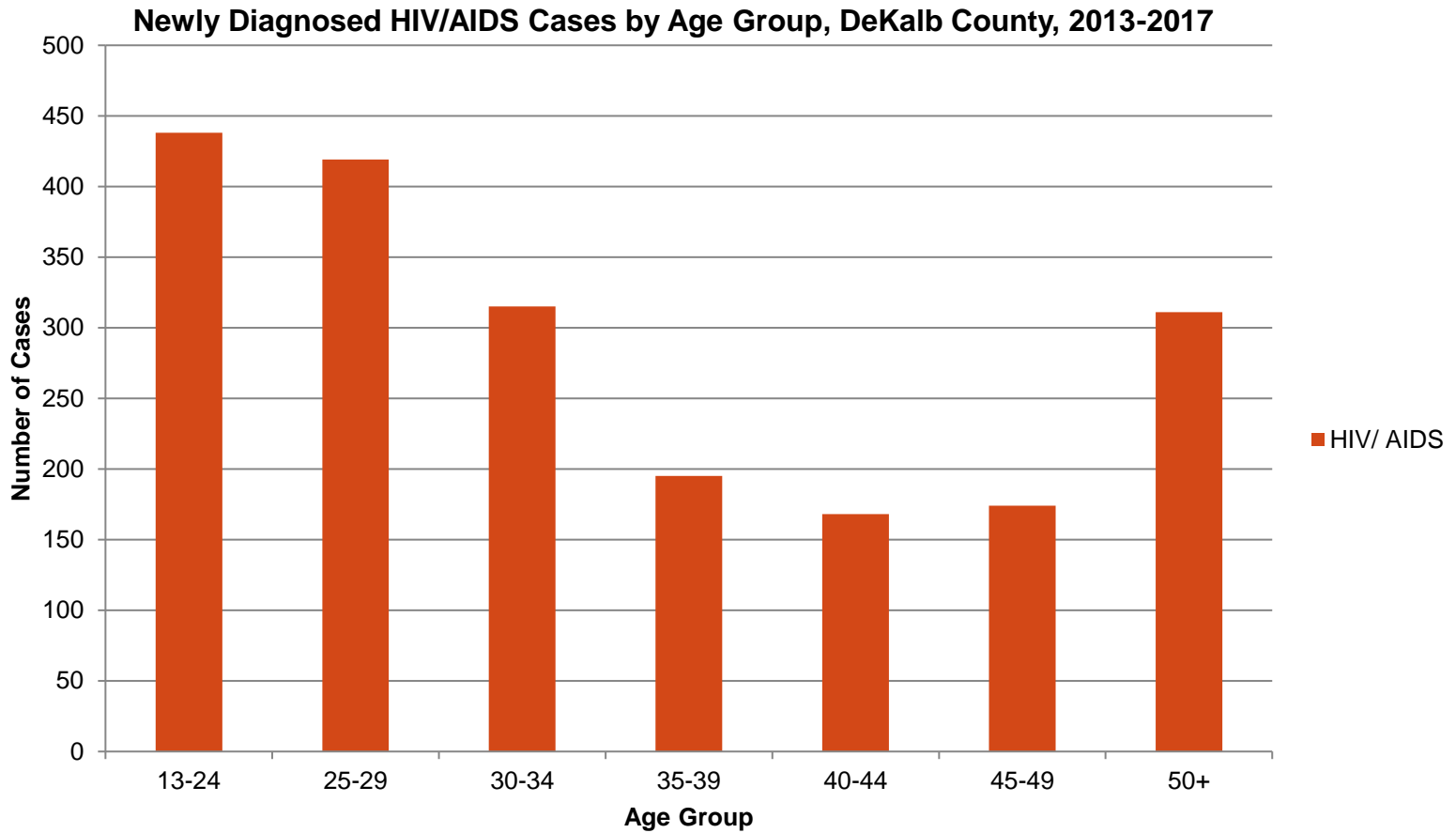
Tuberculosis case numbers and rates, DeKalb County, 2013-2017



Percentages of TB cases by known risk factor, DeKalb County, 2013-2017

Risk Factors	2013	2014	2015	2016	2017
Foreign-born	71.0%	62.0%	68.0%	63.0%	78.0%
HIV infection	18.0%	17.0%	4.0%	8.0%	3.0%
Homeless	3.0%	13.0%	11.0%	3.0%	1.0%
Correctional inmate	4.0%	3.0%	2.0%	0.0%	1.0%
Long-term care resident	0.0%	2.0%	0.0%	0.0%	1.0%
Substance abuse	8.0%	3.0%	7.0%	13.0%	9.0%

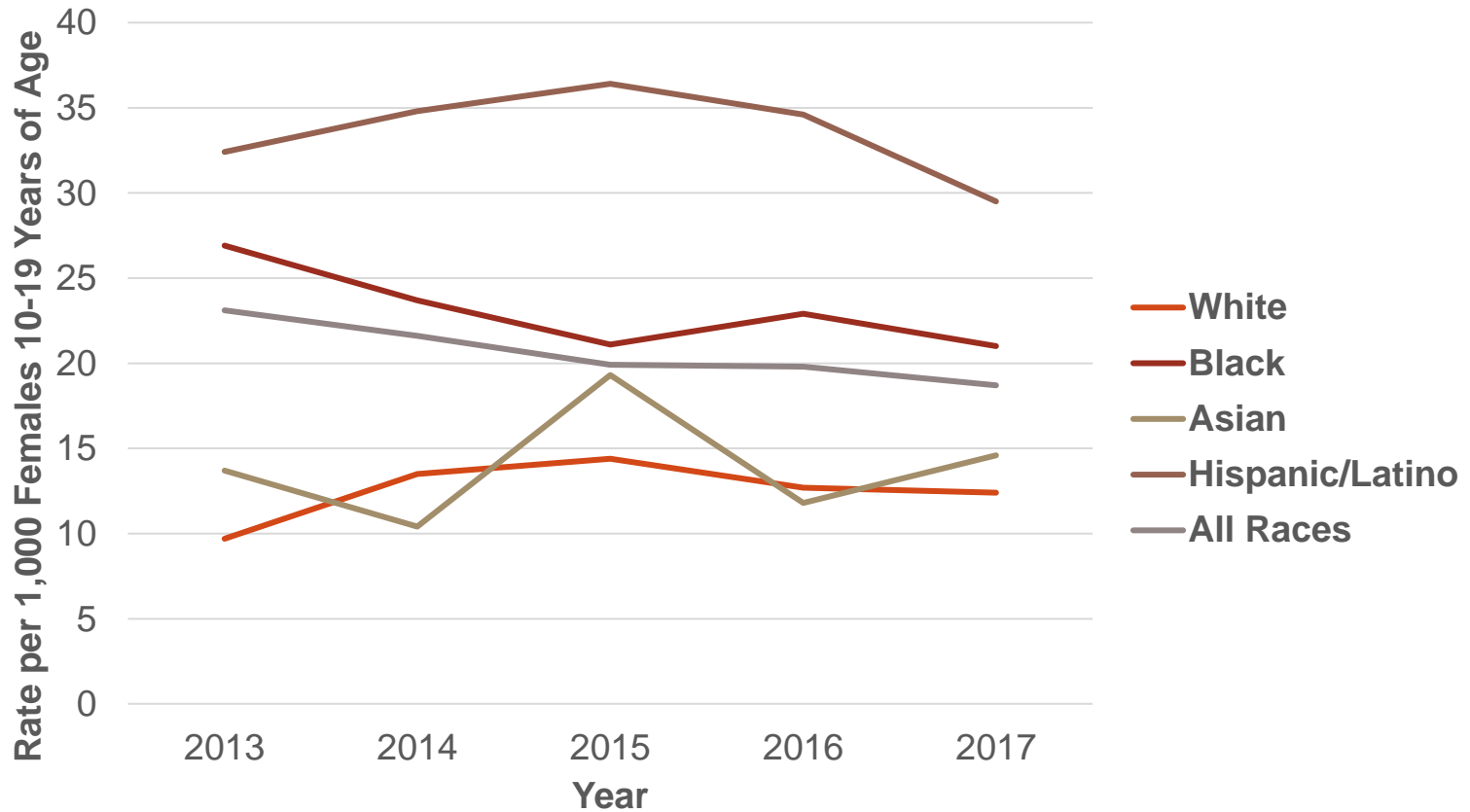
HIV/AIDS





Teen Pregnancy

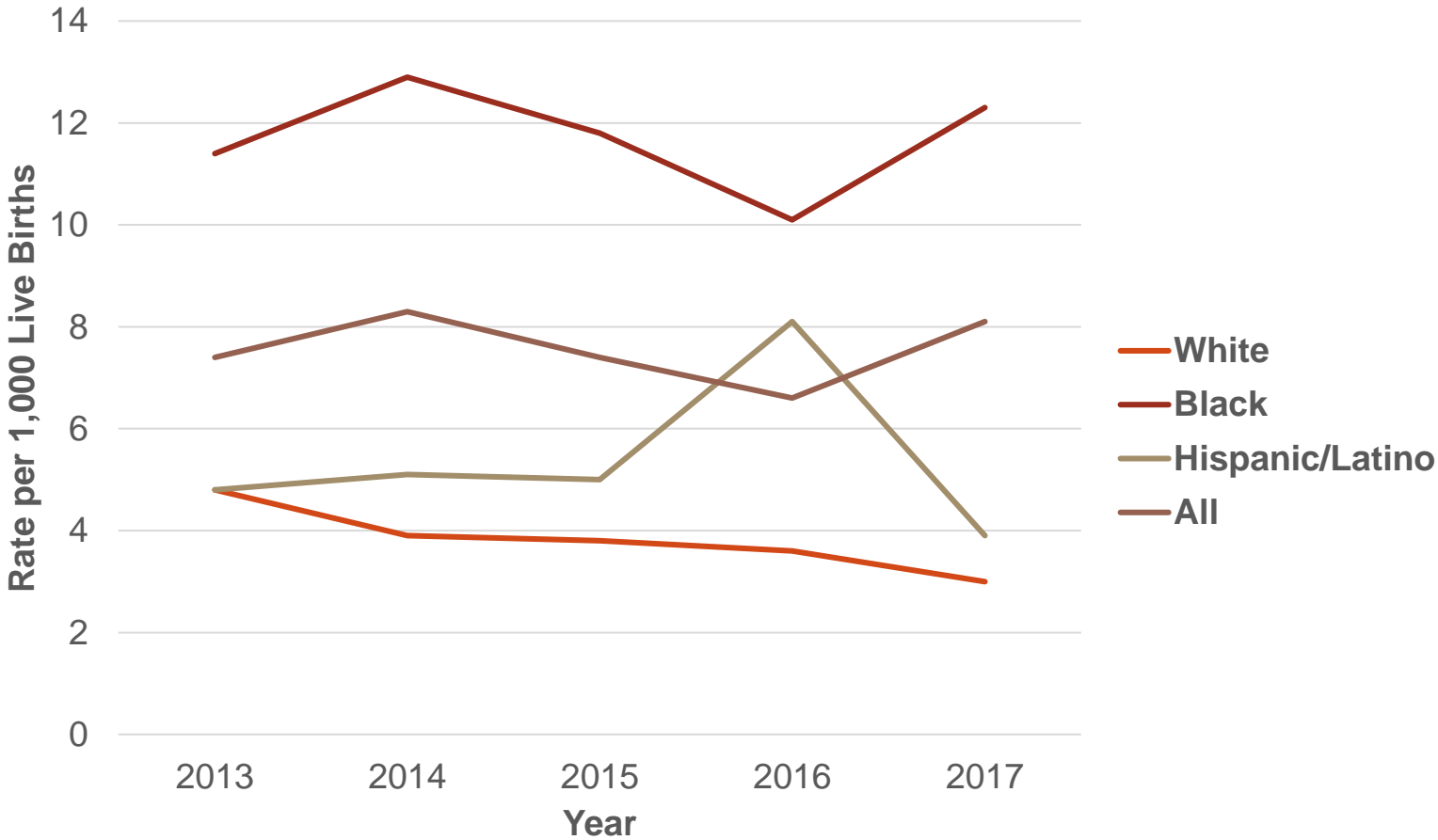
Pregnancy Rates among Females 10-19 Years of Age by Race/Ethnicity and Year, DeKalb County, 2013-2017





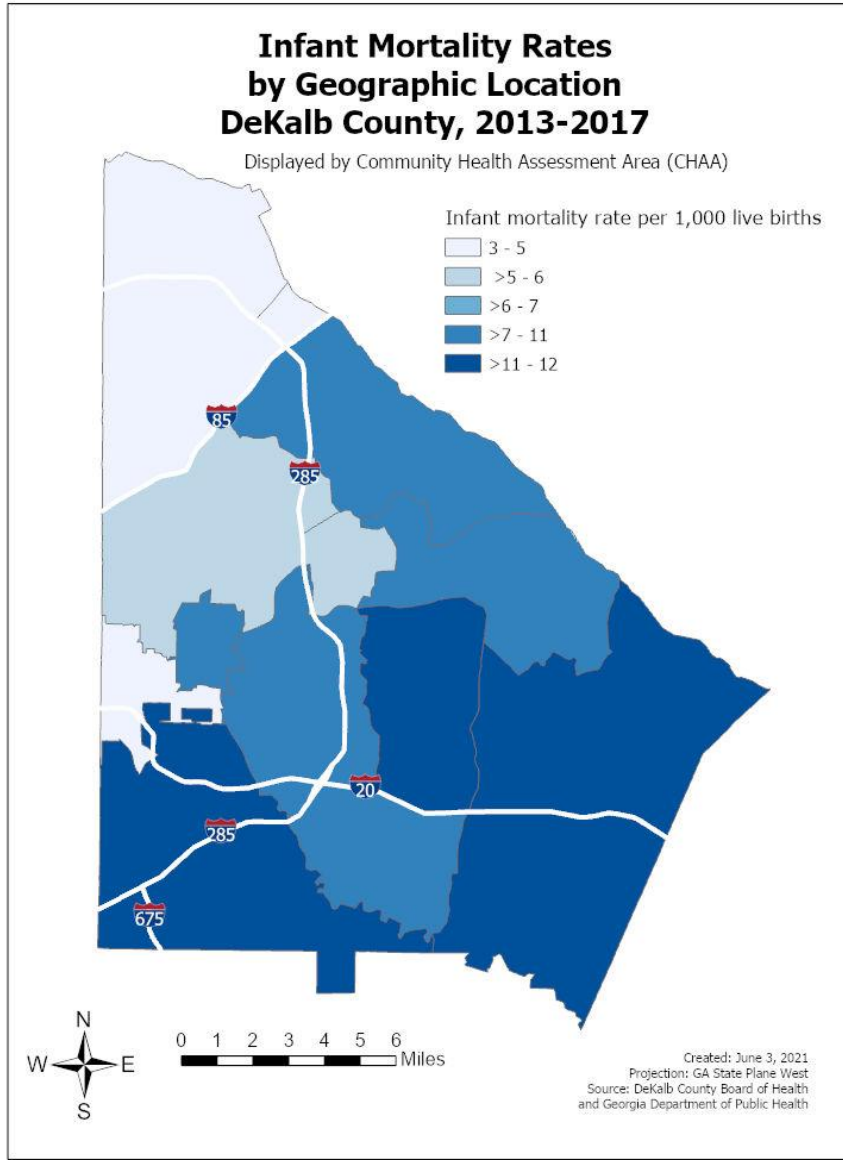
Infant Mortality

Infant Mortality Rates by Race/Ethnicity, DeKalb County, 2013-2017





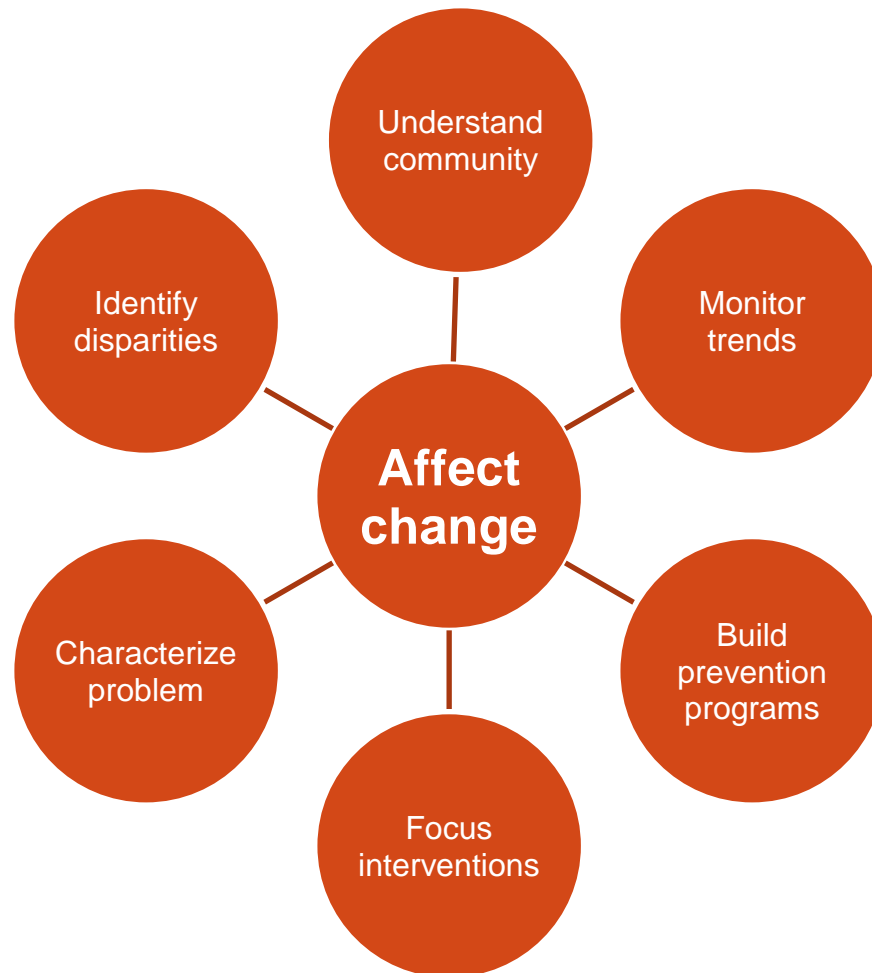
Infant Mortality Rate





PROGRAMS AND SERVICES

Focus on Prevention



Clinical Services and Programs

● Adult Health

- Breast and Cervical Cancer Screening Program
- Dental Health
- Early Care Clinic
- Family Planning
- Immunizations
- Men's Health
- Minor Care Clinic
- Pregnancy Testing
- Sexually Transmitted Diseases
- Travel Medicine
- TB and Refugee Health

● Maternal and Child Health

- Adolescent Health & Youth Development
- Babies Can't Wait
- Children 1st
- Children's Medical Services
- Dental Health
- Mothers Offering Resources and Education
- Women, Infants, and Children (WIC) Nutrition Program

Health Promotion and Prevention Programs

- Chronic Disease Prevention
 - Chronic disease health education, such as diabetes, heart disease, stroke, and asthma
 - Prevent T2: Diabetes Prevention Program
 - Tobacco Prevention and Cessation
- Disease Surveillance and Outbreak Investigations
 - Notifiable diseases
- Emergency Preparedness
- Injury Prevention
- Environmental Health
 - Body crafting permits and inspections
 - Hotel and motel permits and inspections
 - Lead poisoning prevention
 - Mosquito control
 - Radon testing
 - Restaurant permits and inspections
 - Septic tank permits and inspections
 - Swimming pool and spa permits and inspections

Community Engagement

- LEAD DeKalb (Local Efforts to Addressing Disparities in DeKalb)
- Live Healthy DeKalb Coalition
- Partner with several community organizations and faith-based organizations

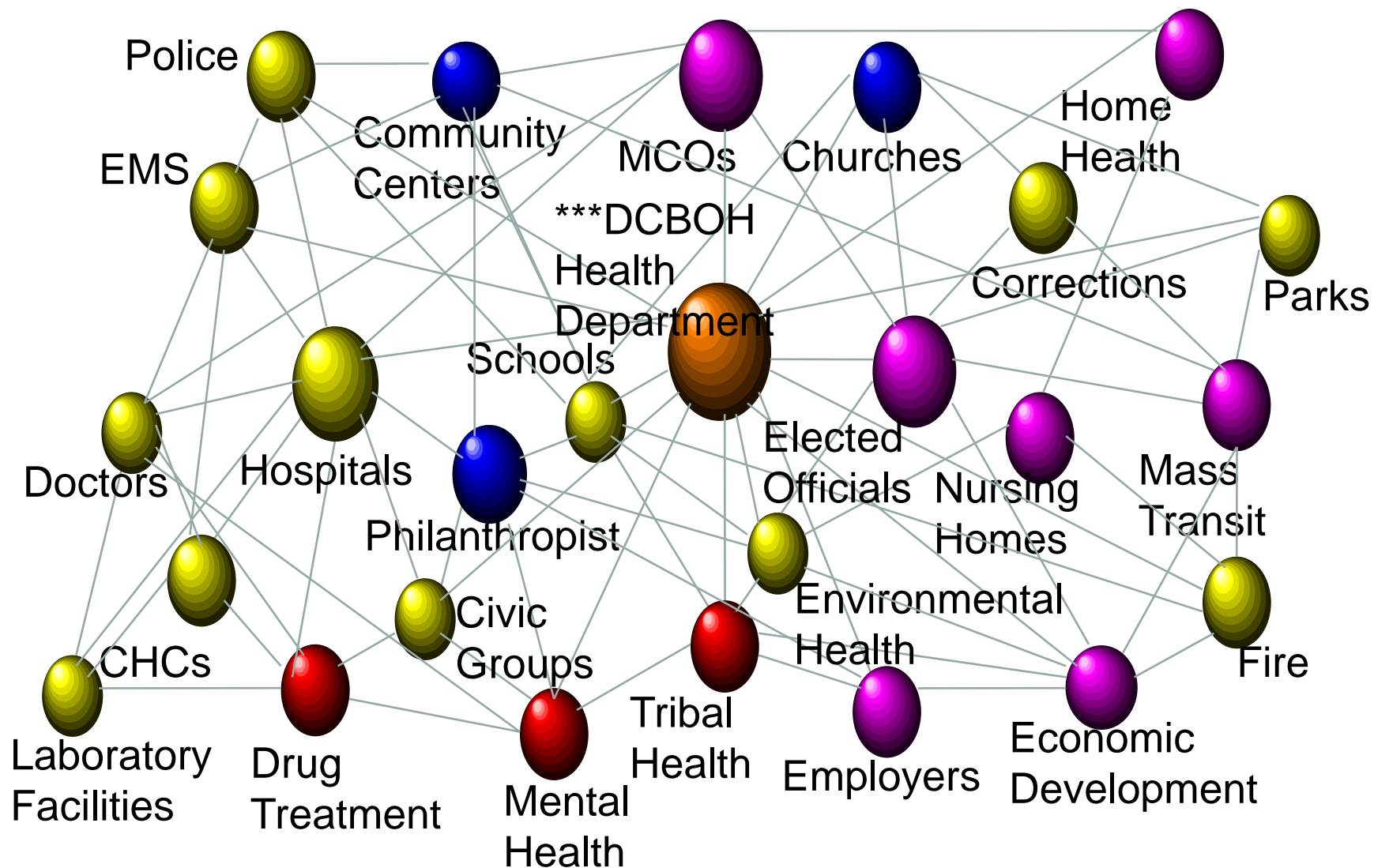


CHALLENGES & OPPORTUNITIES

The Institute of Medicine has a simple definition for public health:

what society does collectively to assure the conditions for people to be healthy.

The Local Public Health System



Challenges

- Large, extremely diverse population
- Significant disparities between North and South
- Funding
- Workforce

Opportunities

- Continuing to partner with community organizations
- Collaborating with academic institutions to provide us with support
- Expansion of our Farmers Market efforts
- Innovative healthcare delivery models



Questions?

sandra.valenciano@dph.ga.gov

www.dekalbhealth.net

DEKALB COUNTY



Board of Health