

# Harris County Community Health Assessment

Note:

Rates that have less than 5 events have been indicated with an \*

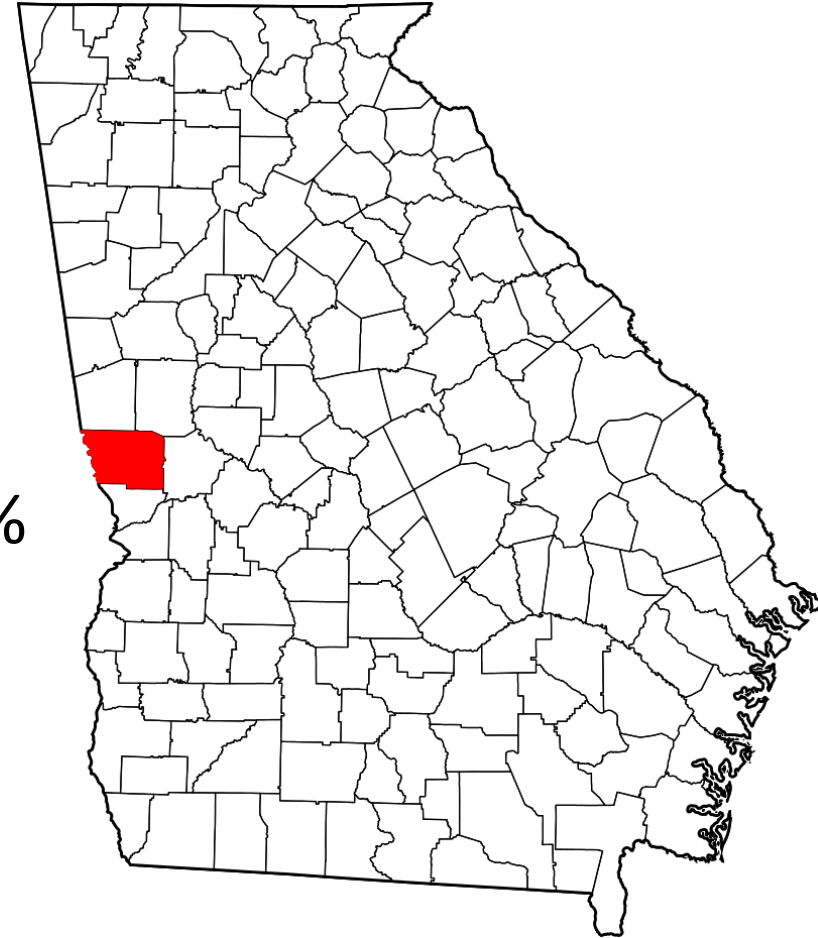
Stratified rates by sex and/or race are not presented when total number of events are less than 20.

Line charts with any missing data from 2016-2020 when stratified by sex and/or race are not presented.

Highlighting 10% differences has been adapted by the 10% rule for considering confounding variables in multivariate logistic regression. Whereas a 10% difference between the crude and adjusted rate, presents the possibility of confounding. In this situation, sex and/or race is being evaluated as potential confounding variables of interest.

# Population Characteristics (2020) Harris County

- Total Population: 36,080
- Ethnicity:
  - White – 79.5%
  - Hispanic or Latino – 4.2%
- Sex
  - Male – 50.02% Female – 49.98%
- Communities:
  - Hamilton
  - Shiloh
  - West Point



| Age Distribution | Population | Male | Female |
|------------------|------------|------|--------|
| < 1              | 346        | 192  | 154    |
| 1-4              | 1415       | 726  | 689    |
| 5-9              | 2140       | 1075 | 1065   |
| 10-14            | 2377       | 1236 | 1141   |
| 15-17            | 1482       | 801  | 681    |
| 18-19            | 783        | 417  | 366    |
| 20-24            | 1870       | 1000 | 870    |
| 25-29            | 1877       | 1009 | 868    |
| 30-34            | 2043       | 1006 | 1037   |
| 35-39            | 2150       | 1067 | 1083   |
| 40-44            | 2235       | 1105 | 1130   |
| 45-49            | 2469       | 1226 | 1243   |
| 50-54            | 2541       | 1211 | 1330   |
| 55-59            | 2877       | 1446 | 1431   |
| 60-64            | 2530       | 1261 | 1269   |
| 65-69            | 2380       | 1119 | 1261   |
| 70-74            | 2006       | 998  | 1008   |
| 75-79            | 1286       | 621  | 665    |
| 80-84            | 666        | 309  | 357    |
| 85+              | 607        | 222  | 385    |

# Harris County Population Estimates by Age and Sex (2020)

- Total Population: 36,080
  - Male: 18,047
  - Female: 18,033
- Infants < 1 – 0.4%
- Pre-School Aged (1-4) – 1.9%
- Elementary & Middle School Aged (5-12) – 9.8%
- High School Aged (13-19) – 9.0%
- Work Force Aged (20-64) – 57.1%
- Older Adults (65-74) – 12.2%
- Adults 75 Plus – 7.1%

21.1% population – School Aged or Younger

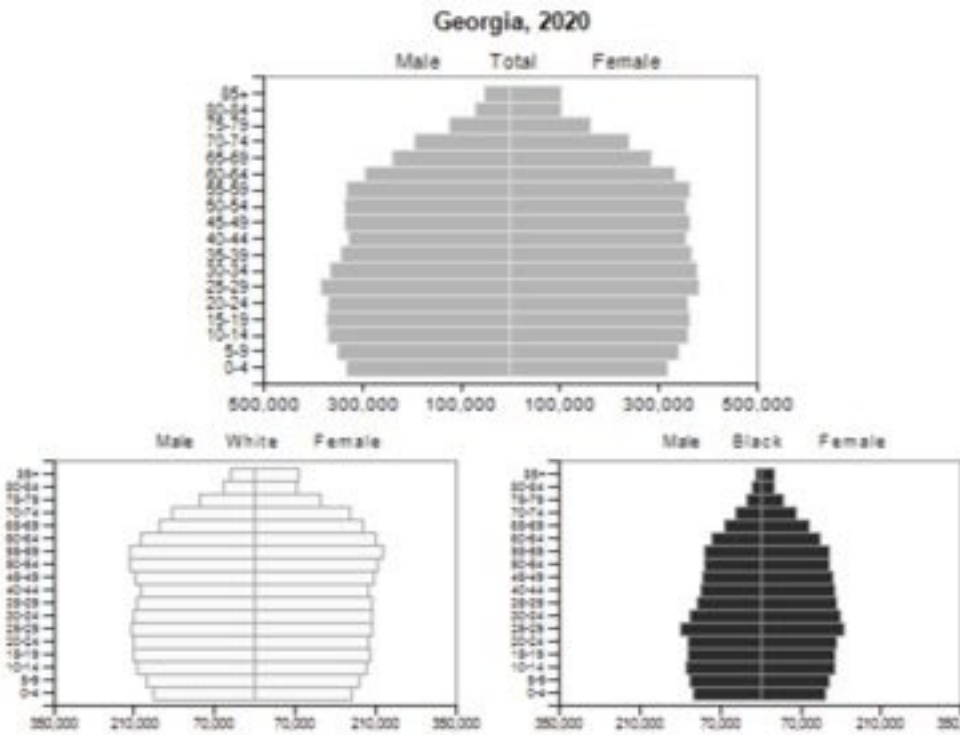
57.1% population – Work Force Aged

19.3% population – Older Adults

# Percent of Population 2020 by Age Total White or Black-African American

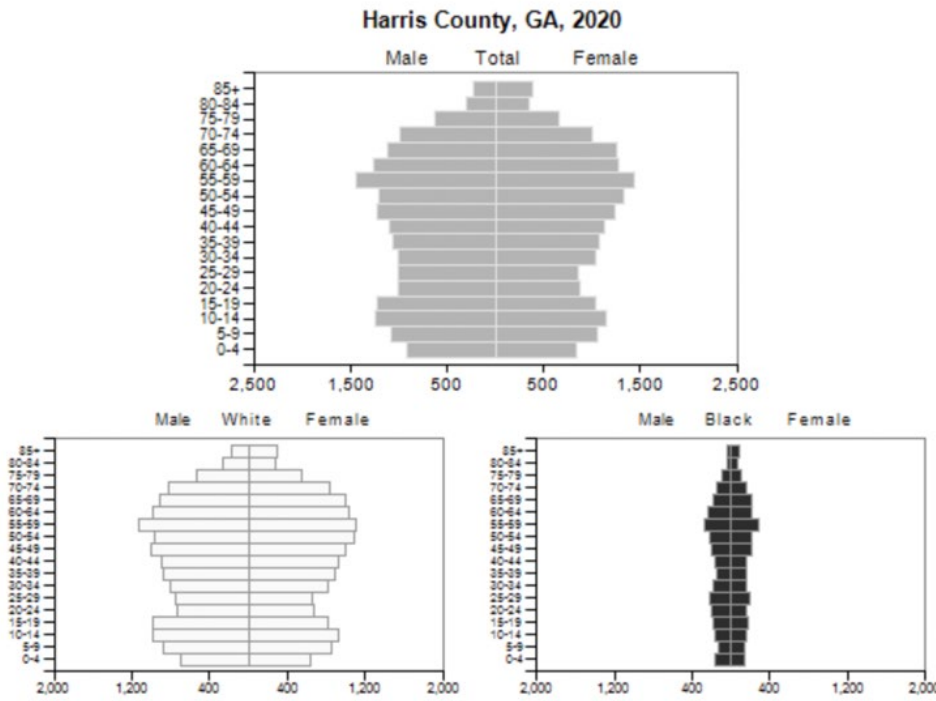
Georgia

Number of Population by Age, Total, White and Black or African-American



Harris County, GA

Number of Population by Age, Total, White and Black or African-American



# 2022 County Health Rankings, Harris County

| County Health Rankings      | Ranking (of 159) |
|-----------------------------|------------------|
| Health Outcomes             | 9                |
| Length of Life              | 17               |
| Quality of Life             | 7                |
| Health Factors              | 7                |
| Health Behaviors            | 15               |
| Clinical Care               | 8                |
| Social and Economic Factors | 6                |
| Physical factors            | 60               |

# 2022 Health Outcomes

|                           | U.S.  | Georgia | Harris County |
|---------------------------|-------|---------|---------------|
| <b>Mortality</b>          |       |         |               |
| Premature Death           | 7,300 | 8,000   | 7,434         |
| <b>Morbidity</b>          |       |         |               |
| Poor or Fair Health       | 17 %  | 19 %    | 16%           |
| Poor Physical Health Days | 3.9   | 4.1     | 3.8           |
| Poor Mental Health Days   | 4.5   | 4.8     | 4.8           |

# 2022 Health Behaviors

| Health Behaviors                 | U.S. | Georgia | Harris County |
|----------------------------------|------|---------|---------------|
| Adult Obesity                    | 32 % | 33 %    | 32%           |
| Physical Inactivity              | 26 % | 27 %    | 26%           |
| Adult Smoking                    | 16 % | 17 %    | 17%           |
| Excessive Drinking               | 20 % | 18 %    | 21%           |
| Alcohol-impaired Driving Deaths  | 27 % | 21 %    | 30%           |
| <b>Environment</b>               |      |         |               |
| Food Environment Index           | 7.8  | 6.3     | 9.0           |
| Access to Exercise Opportunities | 80 % | 70 %    | 12%           |



# 2022 Health Care Availability

|  | U.S.    | Georgia | Harris County |
|--|---------|---------|---------------|
| <b>Percent Uninsured</b>               | 11 %    | 16 %    | 11%           |
| <b>Ratio of Population to Provider</b> |         |         |               |
| Primary Care Physicians                | 1,310:1 | 1,490:1 | 2710:1        |
| Mental Health Providers                | 350:1   | 640:1   | 4510:1        |
| Dentists                               | 1,400:1 | 1,920:1 | 6013:1        |

# 2016-2020 Socioeconomic Factors

|                                    | U.S.     | Georgia  | Harris County |
|------------------------------------|----------|----------|---------------|
| <b>Percent Under Poverty Level</b> |          |          |               |
| All Ages                           | 12.8 %   | 14.3 %   | 5.8%          |
| Under 18 Years                     | 17.5 %   | 20.1 %   | 8.5%          |
| Under 5 years                      | 19.1 %   | 22.2 %   | 13.2%         |
| 65 Years or Older                  | 9.3 %    | 10.1 %   | 3.9%          |
| <b>Median Household Income</b>     | \$64,994 | \$61,224 | \$79,860      |
| <b>Unemployment Rate</b>           | 3.7%     | 3.4%     | 6.3%          |
| <b>Education Attainment</b>        |          |          |               |
| Less than High School              | 11.6 %   | 13.1 %   | 6.4%          |
| High School or Equivalent          | 26.7 %   | 27.5 %   | 25.9%         |
| Some College/ Associates'          | 28.8 %   | 27.7 %   | 35.4%         |
| Bachelor's Degree or Higher        | 32.9 %   | 32.2 %   | 32.4%         |

# 2016-2020 Physical Environment

|  | U.S.  | Georgia | Harris County |
|--|-------|---------|---------------|
| <b>Environment</b>   |       |         |               |
| Air Pollution (Average daily density of particulate matter in micrograms per cubic meter, PM2.5) | 7.2   | 9.6     | 9.1           |
| <b>Housing</b>   |       |         |               |
| Percent w/ Severe Housing Problems   | 18 %  | 16 %    | 10%           |
| Total Percent of Mobile Homes/ other types of housing  | 5.5 % | 7.9 %   | 6.4%          |
| Percent of Households/ 0 Vehicles Available  | 4.2 % | 3.0 %   | 4.0%          |

Sources: University of Wisconsin Population Health Institute. County Health Rankings 2022, <http://www.countyhealthrankings.org/rankings/data/ga;>  
U. S. Census Bureau. American Community Survey (ACS) and Puerto Rico Community Survey (PRCS). 5-Year Estimates

# 2016-2020 Employment

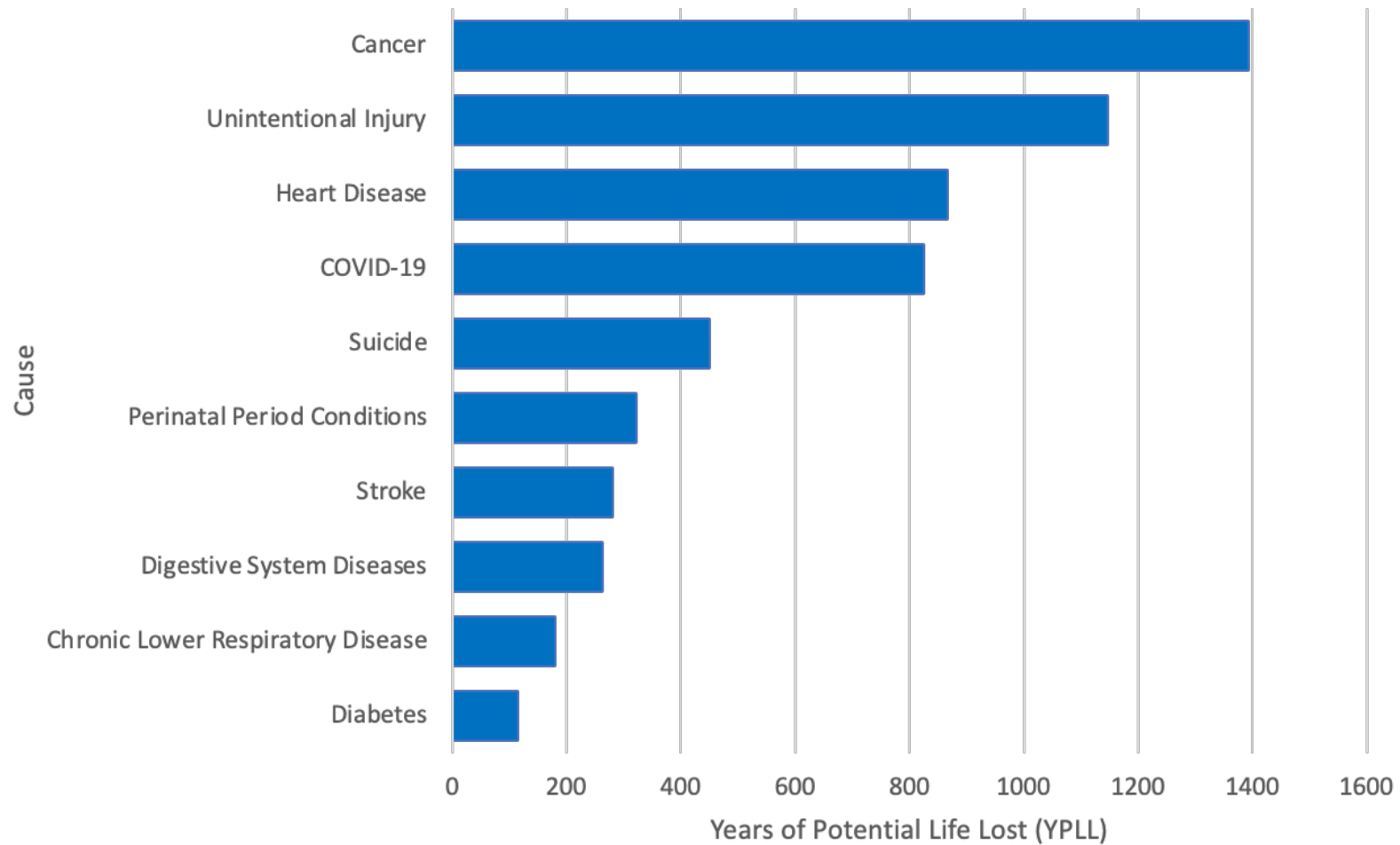
| Industry   | Percent |
|--|---------|
| Agriculture, forestry, fishing and hunting, and mining                                     | 1.0     |
| Construction   | 7.6     |
| Manufacturing  | 10.7    |
| Wholesale trade  | 2.9     |
| Retail trade   | 8.1     |
| Transportation and warehousing, and utilities  | 4.6     |
| Information  | 2.5     |
| Finance and insurance, and real estate and rental and leasing                              | 11.1    |
| Professional, scientific, and management, and administrative and waste management services | 10.4    |
| Education services, and health care and social assistance                                  | 23.2    |
| Arts, entertainment, and recreation, and accommodation and food services                   | 7.6     |
| Other services, except public administration   | 4.9     |
| Public administration  | 5.5     |

Mortality

| Leading Causes of Premature Deaths: Years of Potential Life Lost, 2016-2020 (Rate per 100,000) |   |   |
|--|---|---|
| Georgia  | West Central Health District              | Harris County                             |
| Cancer (1,351.7)   | Cancer (1,671.1)                          | Cancer (1,394.1)                          |
| Unintentional Injury (1,199.8)   | Heart Disease (1,291.4)                   | Unintentional Injury (1,147.0)            |
| Heart Disease (722.1)  | Unintentional Injury (1,247)              | Heart Disease (867.4)                     |
| COVID-19* (555.6)  | COVID-19* (818.9)                         | COVID-19* (824.9)                         |
| Suicide (444.9)  | Homicide (647.4)                          | Suicide (449.5)                           |
| Homicide (358.6)   | Perinatal Period Conditions (513.3)       | Perinatal Period Conditions (322.2)       |
| Perinatal Period Conditions (342.9)  | Suicide (441.0)                           | Stroke (280.2)                            |
| Chronic Lower Respiratory Disease (220.3)  | Diabetes (304.8)                          | Digestive System Diseases (262.9)         |
| Diabetes (218.0)   | Stroke (286.0)                            | Diabetes (115.5)                          |
| Stroke (217.0)   | Chronic Lower Respiratory Disease (254.1) | Chronic Lower Respiratory Disease (179.8) |

\*2020 data only

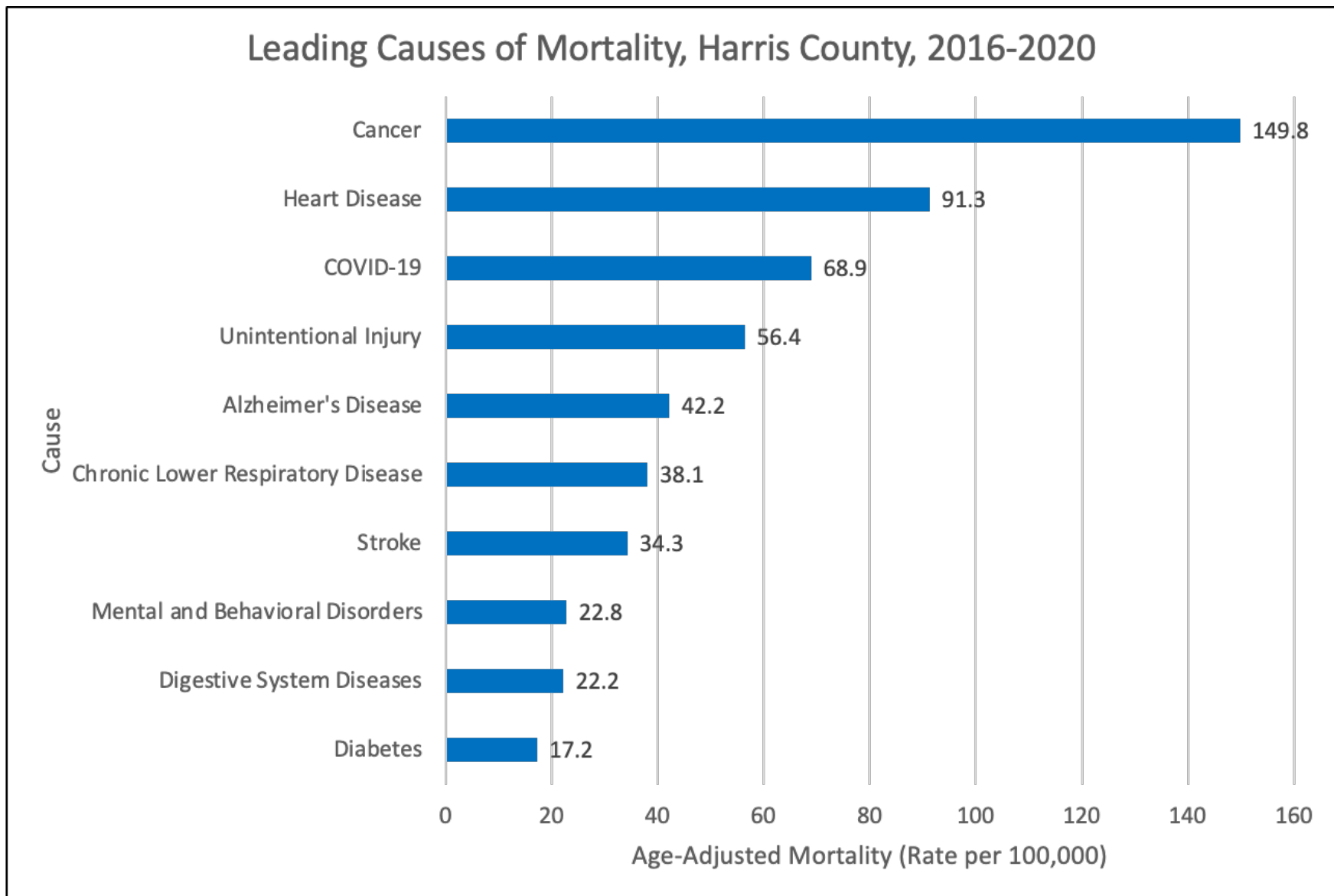
## Leading Causes of Premature Mortality, Harris County, 2016-2020



| Leading Causes of Death, Age Adjusted, 2016-2020 (Rate per 100,000) |  |  |
|---|--|--|
| Georgia   | West Central Health District           | Harris County                            |
| Cancer (152.8)  | Cancer (169.5)                         | Cancer (149.8)                           |
| Heart Disease (92.8)  | COVID-19* (98.0)                       | Heart Disease (91.3)                     |
| COVID-19* (81.6)  | Heart Disease (134.4)                  | COVID-19* (68.9)                         |
| Alzheimer's Disease (45.0)  | Unintentional Injury (51.5)            | Unintentional Injury (56.4)              |
| Unintentional Injury (44.9)   | Lower Respiratory Disease (48.5)       | Alzheimer's Disease (42.2)               |
| Lower Respiratory Disease (44.4)                                    | Stroke (46.3)                          | Chronic Lower Respiratory Disease (38.1) |
| Stroke (43.1)   | Alzheimer's Disease (42.6)             | Stroke (34.3)                            |
| Mental and Behavioral Disorders (28.6)                              | Digestive System Diseases (31.4)       | Diabetes (29.3)                          |
| Digestive System Disease (27.6)                                     | Diabetes (30.2)                        | Mental and Behavioral Disorders (22.8)   |
| Diabetes (21.8)   | Mental and Behavioral Disorders (28.6) | Digestive System Diseases (22.2)         |

\*2020 data only





| Top Ten* County Causes of Mortality for Harris County, 2016-2020 |              |           |                              |           |               |           |
|--|--------------|-----------|------------------------------|-----------|---------------|-----------|
|  | Georgia      |           | West Central Health District |           | Harris County |           |
|  | Age adjusted | YPLL rate | Age Adjusted                 | YPLL Rate | Age Adjusted  | YPLL Rate |
| Cancer   | 152.8        | 1,351.7   | 169.5                        | 1,671.1   | 149.8         | 1,394.1   |
| Heart Disease  | 92.8         | 722.1     | 134.4                        | 1,291.4   | 91.3          | 854.4     |
| COVID-19   | 81.6         | 555.6     | 98.0                         | 818.9     | 68.9          | 824.9     |
| Unintentional Injury   | 44.9         | 1,199.8   | 51.5                         | 1,247.0   | 56.4          | 1,147.0   |
| Alzheimer's Disease  | 45.0         | 20.5      | 42.6                         | 23.8      | 42.2          | 19.8      |
| Chronic Lower Respiratory Disease                                | 44.4         | 220.3     | 48.5                         | 254.1     | 38.1          | 179.8     |
| Stroke   | 43.1         | 217.0     | 46.3                         | 286.0     | 34.3          | 280.2     |
| Diabetes   | 36.4         | 350.2     | 50.5                         | 485.1     | 29.3          | 214.4     |
| Mental and Behavioral Disorders                                  | 29.0         | 103.3     | 95.4                         | 95.4      | 22.8          | 74.1      |
| Digestive System Diseases  | 27.6         | 335.8     | 31.4                         | 407.7     | 22.2          | 262.9     |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

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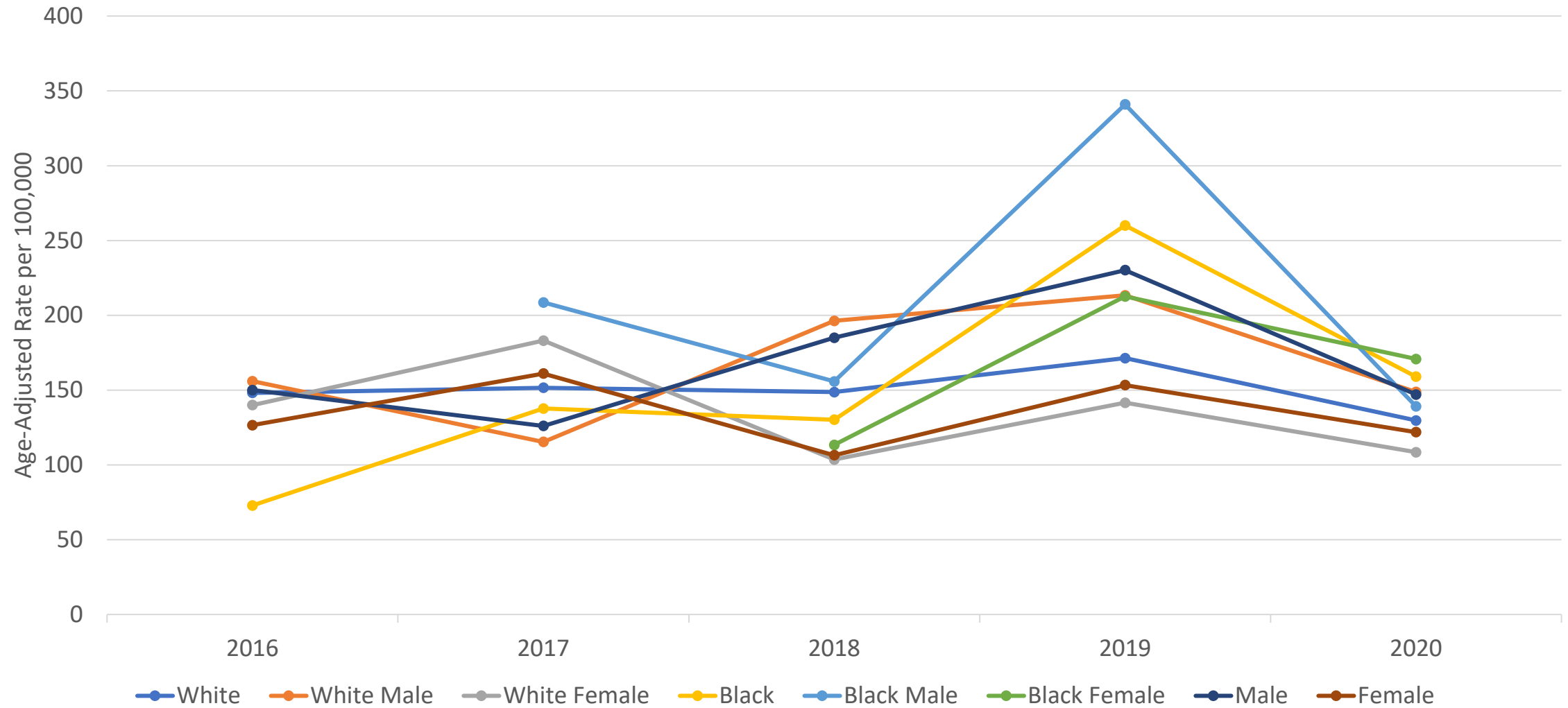
## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| Cancer | Georgia                 |                                   | WCHD                    |                                   | Harris County           |                                   |
|--------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|
|        | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate |
| Total  | 156.6                   | Total 1,419.3                     | Total 173.1             | Total 1,744.5                     | Total 151.1             | Total 1,419.0                     |
| Male   | 190.7                   | Male 1,505.5                      | Male 210.6              | Male 1,803.8                      | Male 169.5              | Male 1,430.5                      |
| Female | 132.0                   | Female 1,336.2                    | Female 146.0            | Female 1,684.1                    | Female 135.1            | Female 1,407.2                    |
| White  | 152.4                   | White 1,412.8                     | White 167.0             | White 1,678.3                     | White 150.0             | White 1,345.0                     |
| Male   | 184.3                   | Male 1,528.6                      | Male 203.2              | Male 1,740.0                      | Male 166.4              | Male 1,420.5                      |
| Female | 128.1                   | Female 1,296.2                    | Female 138.9            | Female 1,611.4                    | Female 135.0            | Female 1,268.2                    |
| Black  | 166.3                   | Black 1,431.1                     | Black 180.2             | Black 1,817.3                     | Black 154.7             | Black 1,771.9                     |
| Male   | 211.0                   | Male 1,505.5                      | Male 219.8              | Male 1,879.1                      | Male 186.1              | Male 1,477.5                      |
| Female | 139.7                   | Female 1,336.2                    | Female 154.3            | Female 1,758.9                    | Female 136.2            | Female 2,078.3                    |

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## Age-Adjusted Cancer Mortality Rates, Harris County, by Race and Sex, 2016-2020



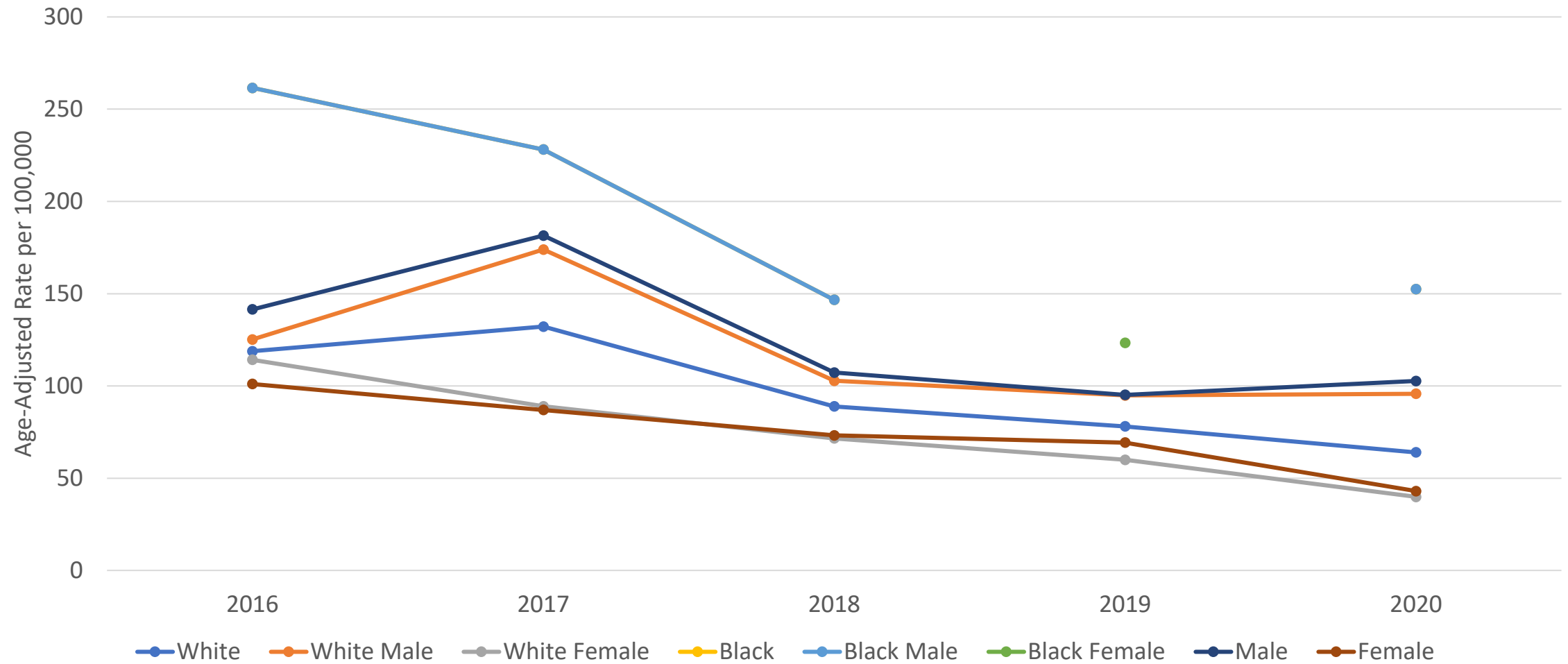
## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| Heart Disease | Georgia   |  | WCHD   |  | Harris County                                     |  |
|---------------|---|--|--|--|---|--|
|               | Age Adjusted Death Rate                           | Years of Potential Life Lost Rate                      | Age Adjusted Death Rate                            | Years of Potential Life Lost Rate                        | Age Adjusted Death Rate                           | Years of Potential Life Lost Rate                        |
|               | 110.7   | 884.8  | 159.1  | 1,503.9  | 98.8  | 900.9  |
|               | Male<br>147.3<br>Female<br>81.7                   | Male<br>1,230.9<br>Female<br>550.8                     | Male<br>207.7<br>Female<br>119.3                   | Male<br>1,998.5<br>Female<br>1,001.1                     | Male<br>126.7<br>Female<br>75.2                   | Male<br>1,148.0<br>Female<br>648.5                       |
|               | White<br>103.6<br>Male<br>138.2<br>Female<br>75.0 | White<br>799.1<br>Male<br>1,121.9<br>Female<br>473.9   | White<br>141.3<br>Male<br>182.7<br>Female<br>105.5 | White<br>1,219.7<br>Male<br>1,601.8<br>Female<br>804.8   | White<br>94.9<br>Male<br>116.9<br>Female<br>74.1  | White<br>762.9<br>Male<br>1,043.5<br>Female<br>477.5     |
|               | Black<br>127.8<br>Male<br>170.2<br>Female<br>97.9 | Black<br>1,039.4<br>Male<br>1,440.1<br>Female<br>681.5 | Black<br>182.6<br>Male<br>244.1<br>Female<br>136.6 | Black<br>1,817.1<br>Male<br>2,466.6<br>Female<br>1,202.8 | Black<br>116.6<br>Male<br>171.0<br>Female<br>82.5 | Black<br>1,559.0<br>Male<br>1,640.9<br>Female<br>1,473.7 |

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## Age-Adjusted Heart Disease Mortality Rates, Harris County, by Race and Sex, 2016-2020



## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| COVID-19 | Georgia   |  | WCHD   |  | Harris County                                   |  |
|----------|---|--|--|--|---|--|
|          | Age Adjusted Death Rate                           | Years of Potential Life Lost Rate                    | Age Adjusted Death Rate                            | Years of Potential Life Lost Rate                        | Age Adjusted Death Rate                         | Years of Potential Life Lost Rate                  |
|          | Total<br>83.6                                     | Total<br>583.2                                       | Total<br>100.0                                     | Total<br>859.3   | Total<br>69.4                                   | Total<br>846.6                                     |
|          | Male<br>104.9<br>Female<br>67.4                   | Male<br>704.2<br>Female<br>466.7                     | Male<br>120.7<br>Female<br>84.1                    | Male<br>994.8<br>Female<br>721.8                         | Male<br>80.5<br>Female<br>61.3                  | Male<br>1,019.2<br>Female<br>670.3                 |
|          | White<br>69.2<br>Male<br>87.8<br>Female<br>54.1   | White<br>422.8<br>Male<br>542.3<br>Female<br>302.7   | White<br>68.1<br>Male<br>79.2<br>Female<br>58.9    | White<br>461.8<br>Male<br>531.4<br>Female<br>386.4       | White<br>59.2<br>Male<br>79.7<br>Female<br>43.9 | White<br>619.8<br>Male<br>775.3<br>Female<br>461.8 |
|          | Black<br>121.5<br>Male<br>157.2<br>Female<br>98.8 | Black<br>865.1<br>Male<br>1,007.0<br>Female<br>738.6 | Black<br>146.3<br>Male<br>189.3<br>Female<br>117.7 | Black<br>1,295.8<br>Male<br>1,539.0<br>Female<br>1,065.7 | Black<br>115.1<br>Male<br>*<br>Female<br>134.1  | Black<br>1,944.0<br>Male<br>*<br>Female<br>1,697.8 |

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Rates that have less than 5 events have been indicated with an \*

## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| Unintentional Injury | Georgia   |  | WCHD  |  | Harris County                                   |  |
|----------------------|---|--|---|--|---|--|
|                      | Age Adjusted Death Rate                         | Years of Potential Life Lost Rate                      | Age Adjusted Death Rate                         | Years of Potential Life Lost Rate                      | Age Adjusted Death Rate                         | Years of Potential Life Lost Rate                      |
|                      | Total<br>47.0                                   | Total<br>1,269.1                                       | Total<br>53.2                                   | Total<br>1,295.9                                       | Total<br>58.2                                   | Total<br>1,191.2                                       |
|                      | Male<br>65.0<br>Female<br>30.7                  | Male<br>1,798.1<br>Female<br>758.6                     | Male<br>69.4<br>Female<br>37.3                  | Male<br>1,784.4<br>Female<br>799.3                     | Male<br>78.5<br>Female<br>35.7                  | Male<br>1,781.6<br>Female<br>588.2                     |
|                      | White<br>50.2<br>Male<br>66.6<br>Female<br>34.5 | White<br>1,323.2<br>Male<br>1,818.5<br>Female<br>824.4 | White<br>59.2<br>Male<br>71.0<br>Female<br>45.9 | White<br>1,337.3<br>Male<br>1,752.5<br>Female<br>886.6 | White<br>61.4<br>Male<br>77.3<br>Female<br>43.0 | White<br>1,149.4<br>Male<br>1,597.5<br>Female<br>693.6 |
|                      | Black<br>39.6<br>Male<br>60.7<br>Female<br>22.8 | Black<br>1,171.5<br>Male<br>1,759.0<br>Female<br>646.7 | Black<br>43.3<br>Male<br>64.5<br>Female<br>24.7 | Black<br>1,250.3<br>Male<br>1,822.0<br>Female<br>709.7 | Black<br>42.6<br>Male<br>80.8<br>Female<br>*    | Black<br>1,390.5<br>Male<br>2,650.1<br>Female<br>*     |

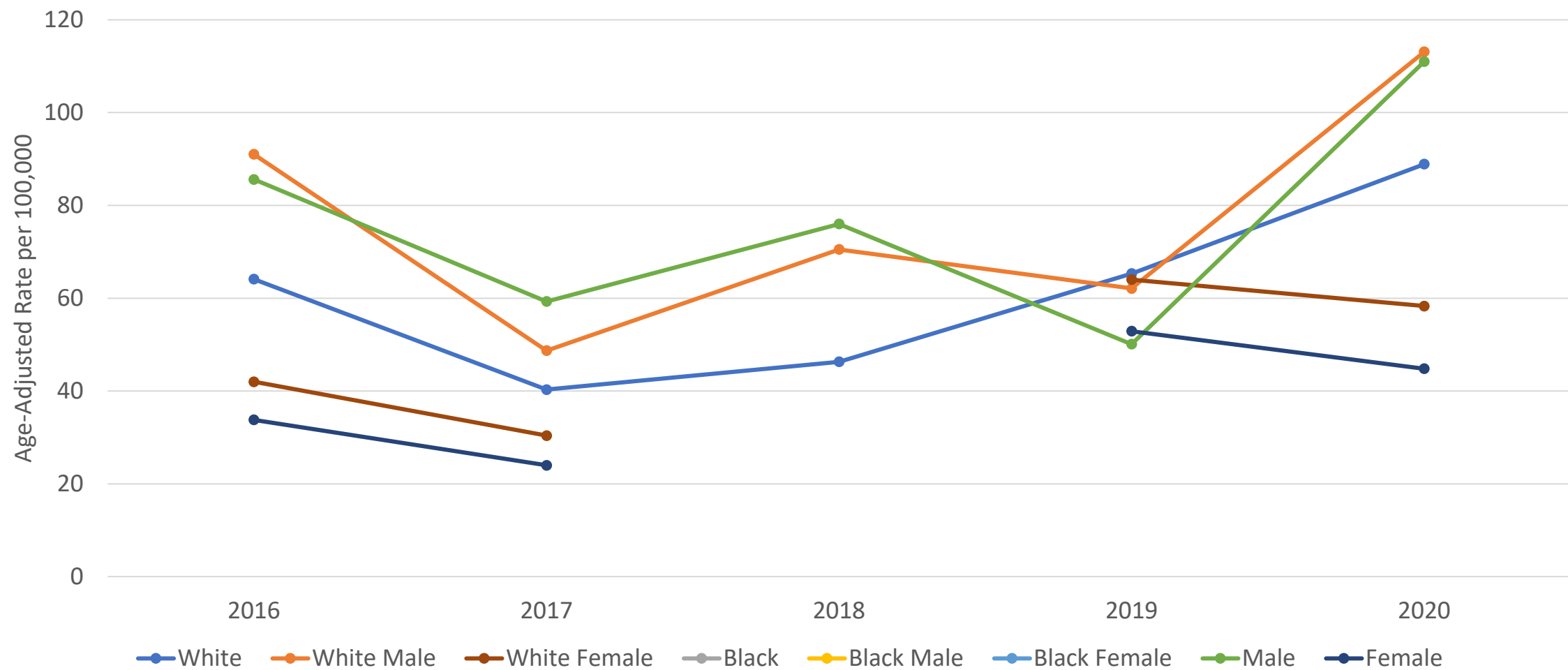
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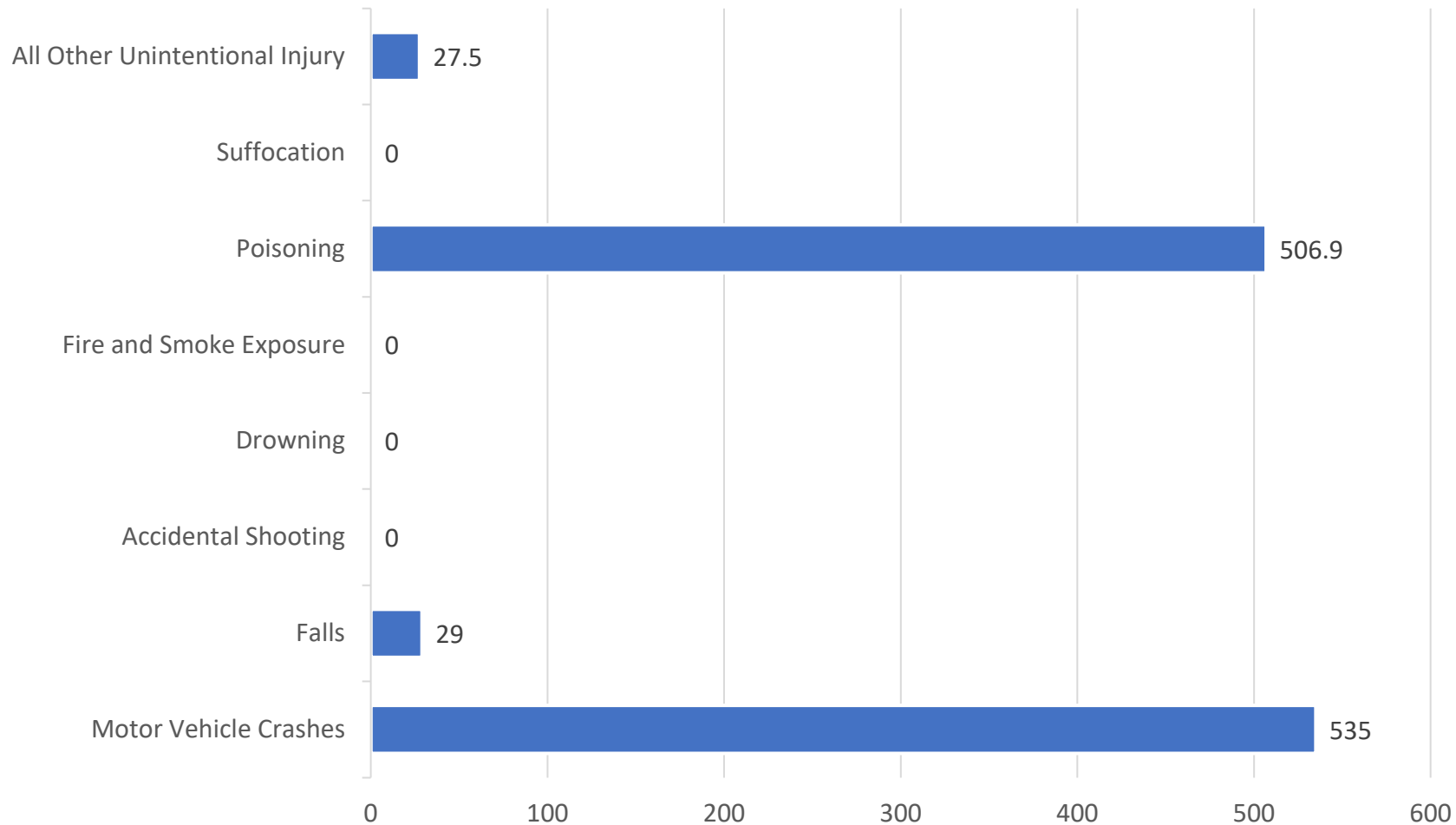
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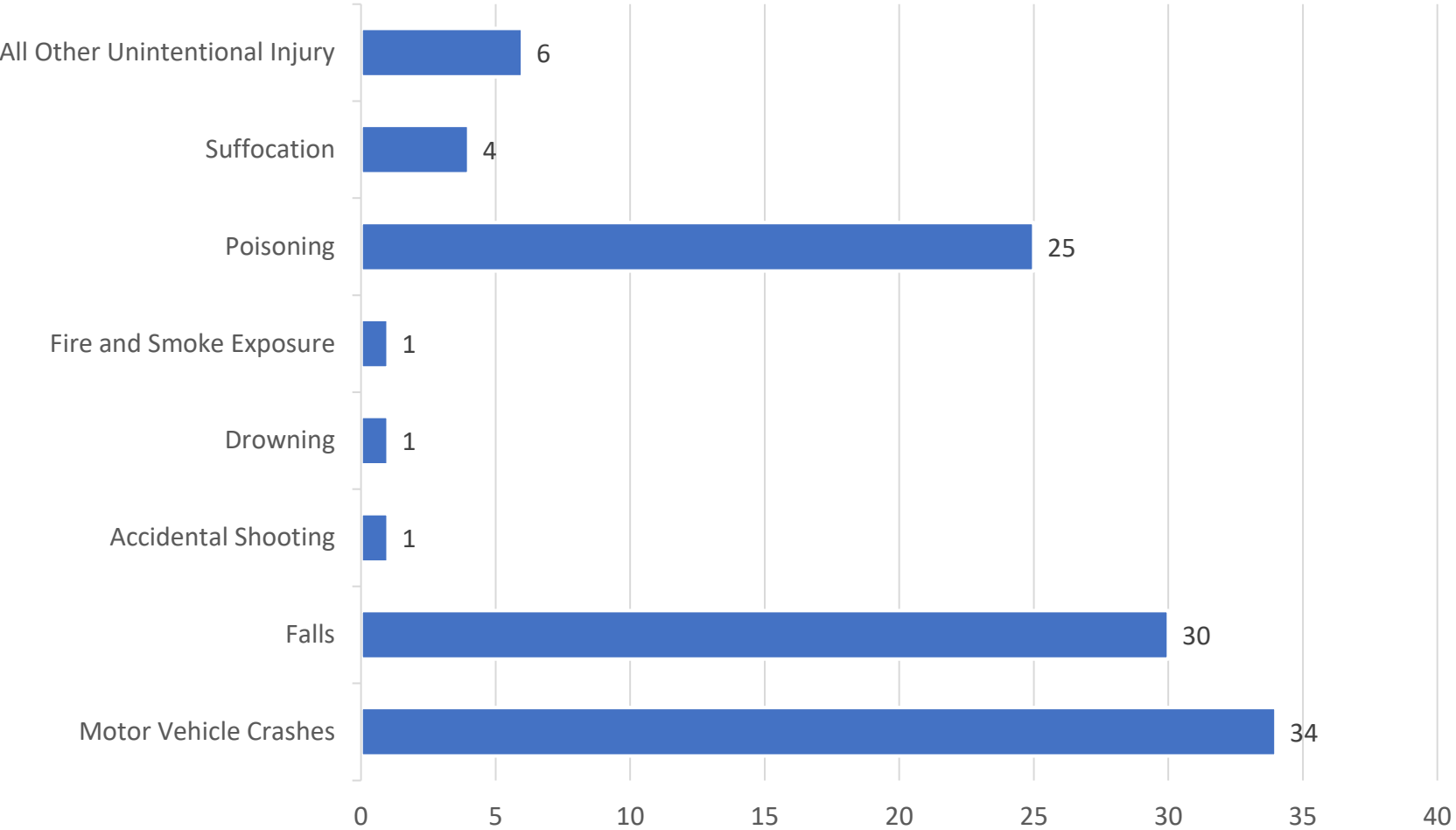
## Age-Adjusted Unintentional Injury Mortality Rates, Harris County, by Race and Sex, 2016-2020



# Years of Potential Life Lost Rate per 100,000 by Type of Unintentional Injury, Harris County, 2016-2020



# Number of Deaths by Type of Unintentional Injury, Harris County, 2016-2020



## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| Alzheimer's Disease | Georgia                 |                                   | WCHD                    |                                   | Harris County           |                                   |
|---------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|
|                     | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate |
|                     | Total<br>46.0           | Total<br>22.0                     | Total<br>43.6           | Total<br>25.1                     | Total<br>42.7           | Total<br>20.5                     |
|                     | Male<br>34.9            | Male<br>17.8                      | Male<br>32.6            | Male<br>21.7                      | Male<br>28.5            | Male<br>18.4                      |
|                     | Female<br>52.4          | Female<br>26.1                    | Female<br>49.3          | Female<br>28.6                    | Female<br>51.2          | Female<br>22.7                    |
|                     | White<br>47.3           | White<br>24.6                     | White<br>46.2           | White<br>30.9                     | White<br>38.9           | White<br>21.0                     |
|                     | Male<br>35.6            | Male<br>19.8                      | Male<br>34.8            | Male<br>23.3                      | Male<br>28.2            | Male<br>18.5                      |
|                     | Female<br>54.6          | Female<br>29.4                    | Female<br>52.6          | Female<br>39.2                    | Female<br>46.0          | Female<br>23.5                    |
|                     | Black<br>41.2           | Black<br>17.3                     | Black<br>38.4           | Black<br>18.7                     | Black<br>61.2           | Black<br>18.5                     |
|                     | Male<br>31.7            | Male<br>14.0                      | Male<br>27.2            | Male<br>19.7                      | Male<br>34.7            | Male<br>18.2                      |
|                     | Female<br>45.4          | Female<br>20.3                    | Female<br>43.2          | Female<br>17.8                    | Female<br>72.9          | Female<br>18.9                    |

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## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

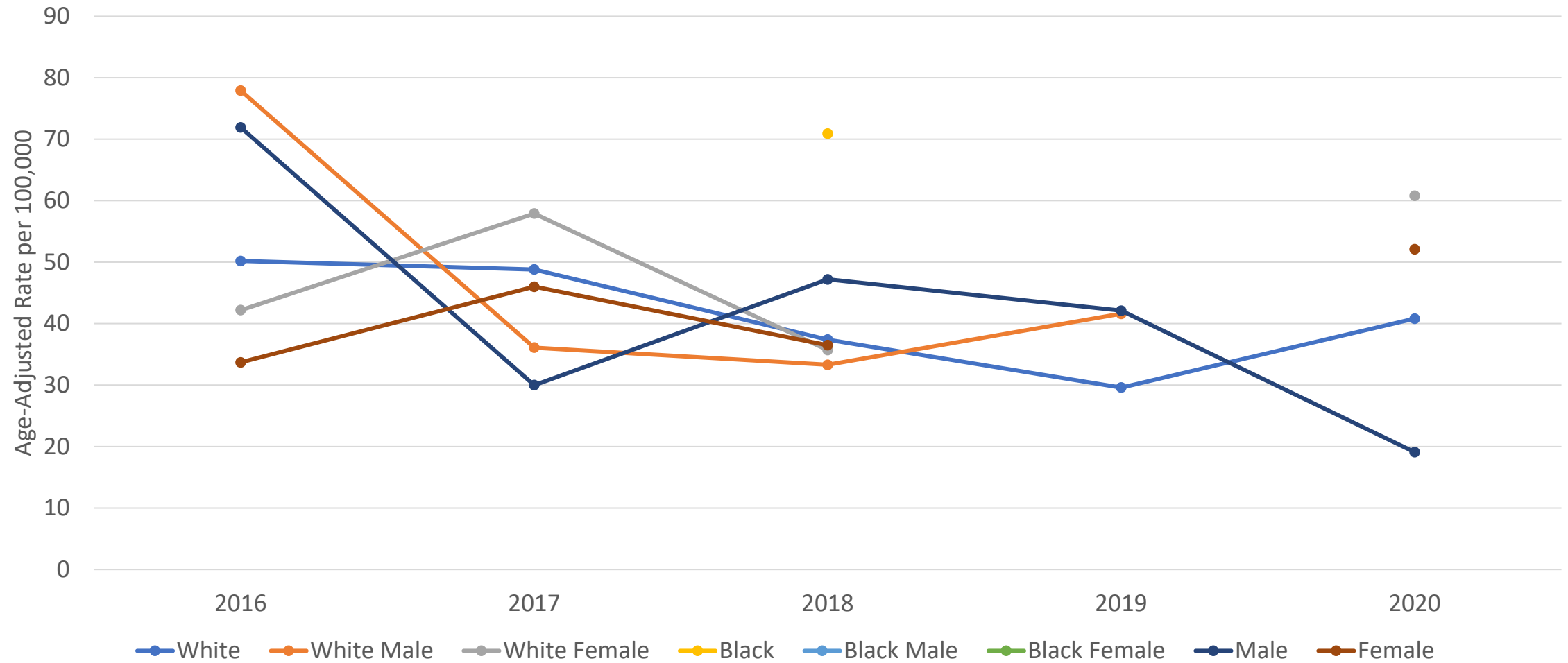
| Chronic Lower Respiratory Disease | Georgia                 |                                   | WCHD                    |                                   | Harris County           |                                   |
|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|
|                                   | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate |
|                                   | Total<br>45.9           | Total<br>236.3                    | Total<br>49.7           | Total<br>268.2                    | Total<br>39.0           | Total<br>186.7                    |
|                                   | Male<br>48.5            | Male<br>237.2                     | Male<br>53.6            | Male<br>232.7                     | Male<br>41.0            | Male<br>150.5                     |
|                                   | Female<br>38.9          | Female<br>235.5                   | Female<br>47.0          | Female<br>304.2                   | Female<br>38.5          | Female<br>223.7                   |
|                                   | White<br>51.8           | White<br>280.6                    | White<br>60.4           | White<br>266.9                    | White<br>41.0           | White<br>197.1                    |
|                                   | Male<br>54.9            | Male<br>265.2                     | Male<br>58.8            | Male<br>299.1                     | Male<br>39.7            | Male<br>182.4                     |
|                                   | Female<br>49.7          | Female<br>296.1                   | Female<br>61.8          | Female<br>440.4                   | Female<br>42.9          | Female<br>212.1                   |
|                                   | Black<br>27.1           | Black<br>156.5                    | Black<br>31.9           | Black<br>159.5                    | Black<br>29.5           | Black<br>137.0                    |
|                                   | Male<br>37.5            | Male<br>183.6                     | Male<br>44.6            | Male<br>154.5                     | Male<br>48.5            | Male<br>0.0                       |
|                                   | Female<br>30.9          | Female<br>132.3                   | Female<br>24.1          | Female<br>164.2                   | Female<br>*             | Female<br>*                       |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

Rates that have less than 5 events have been indicated with an \*

## Age-Adjusted Chronic Lower Respiratory Diseases Mortality Rates Harris County, by Race and Sex, 2016-2020



## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

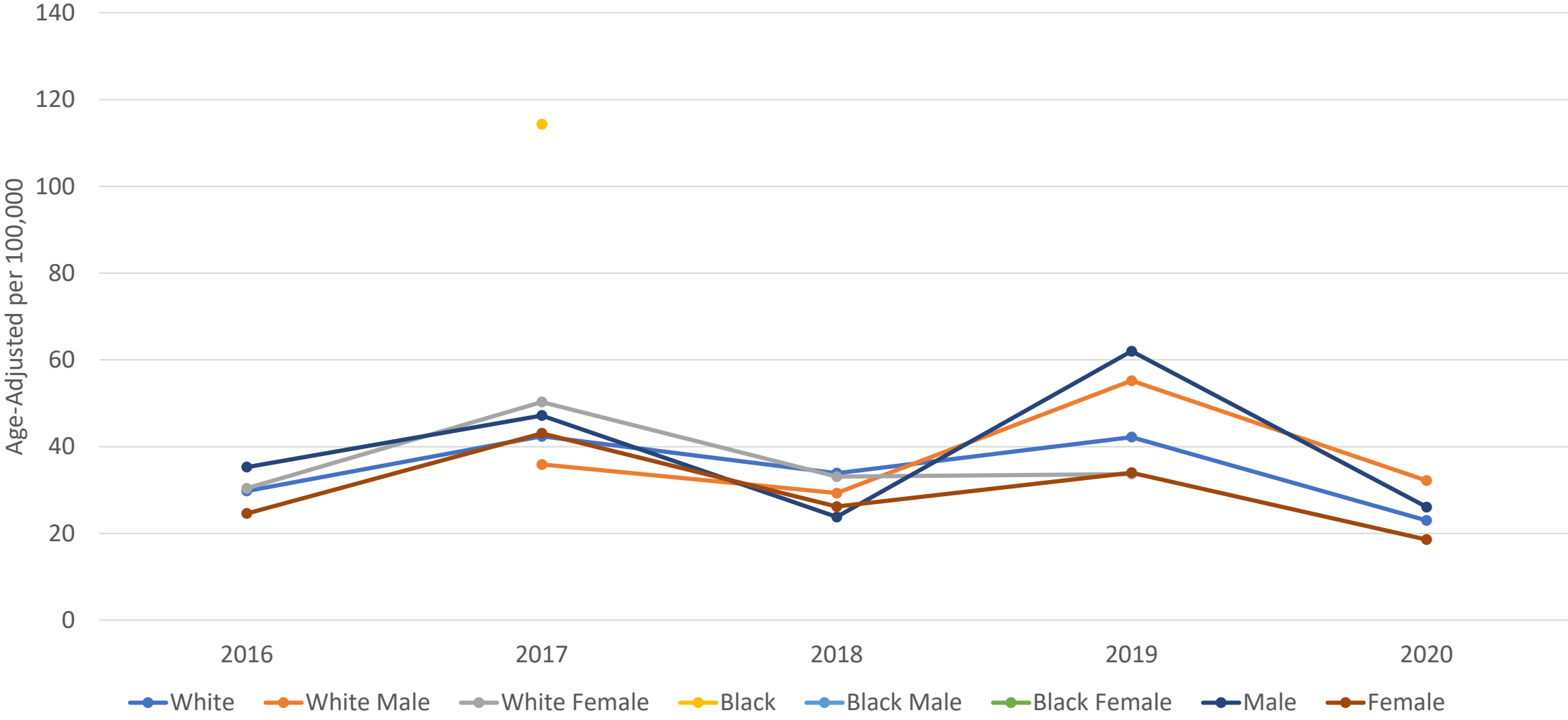
| Stroke | Georgia                 |                                   | WCHD                    |                                   | Harris County           |                                   |
|--------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|
|        | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate |
|        | Total<br>43.9           | Total<br>227.6                    | Total<br>46.9           | Total<br>292.5                    | Total<br>34.1           | Total<br>291.0                    |
|        | Male<br>45.4            | Male<br>266.2                     | Male<br>49.6            | Male<br>349.9                     | Male<br>39.2            | Male<br>360.6                     |
|        | Female<br>42.0          | Female<br>190.3                   | Female<br>43.8          | Female<br>234.2                   | Female<br>29.4          | Female<br>219.8                   |
|        | White<br>40.4           | White<br>182.7                    | White<br>37.6           | White<br>186.9                    | White<br>34.4           | White<br>258.1                    |
|        | Male<br>40.8            | Male<br>209.5                     | Male<br>37.7            | Male<br>207.1                     | Male<br>36.6            | Male<br>270.9                     |
|        | Female<br>39.3          | Female<br>155.7                   | Female<br>36.7          | Female<br>165.0                   | Female<br>32.6          | Female<br>245.0                   |
|        | Black<br>52.9           | Black<br>308.4                    | Black<br>61.2           | Black<br>408.9                    | Black<br>33.7           | Black<br>448.1                    |
|        | Male<br>58.0            | Male<br>374.9                     | Male<br>69.4            | Male<br>518.4                     | Male<br>53.4            | Male<br>784.1                     |
|        | Female<br>48.3          | Female<br>249.1                   | Female<br>54.0          | Female<br>305.4                   | Female<br>*             | Female<br>*                       |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

Rates that have less than 5 events have been indicated with an \*

# Age-Adjusted Stroke Mortality Rates, Harris County, by Race and Sex 2016-2020





## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| Diabetes | Georgia                 |                                   | WCHD                    |                                   | Harris County           |                                   |
|----------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|
|          | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate |
|          | Total<br>22.3           | Total<br>231.3                    | Total<br>31.0           | Total<br>319.8                    | Total<br>17.6           | Total<br>120.0                    |
|          | Male<br>27.1            | Male<br>276.6                     | Male<br>35.8            | Male<br>346.1                     | Male<br>21.3            | Male<br>107.9                     |
|          | Female<br>18.4          | Female<br>187.5                   | Female<br>27.1          | Female<br>293.0                   | Female<br>14.5          | Female<br>132.3                   |
|          | White<br>17.2           | White<br>176.8                    | White<br>24.0           | White<br>255.9                    | White<br>14.6           | White<br>111.4                    |
|          | Male<br>21.7            | Male<br>215.6                     | Male<br>29.2            | Male<br>265.1                     | Male<br>16.9            | Male<br>93.9                      |
|          | Female<br>13.4          | Female<br>137.7                   | Female<br>19.7          | Female<br>245.8                   | Female<br>13.0          | Female<br>129.2                   |
|          | Black<br>36.7           | Black<br>329.6                    | Black<br>42.2           | Black<br>390.2                    | Black<br>32.6           | Black<br>161.1                    |
|          | Male<br>44.1            | Male<br>393.7                     | Male<br>46.4            | Male<br>441.6                     | Male<br>46.9            | Male<br>174.3                     |
|          | Female<br>31.6          | Female<br>272.3                   | Female<br>38.5          | Female<br>341.6                   | Female<br>21.1          | Female<br>147.4                   |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| Mental and Behavior Disorders | Georgia                 |                                   | WCHD                    |                                   | Harris County           |                                   |
|-------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|
|                               | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate | Age Adjusted Death Rate | Years of Potential Life Lost Rate |
|                               | Total<br>29.9           | Total<br>110.3                    | Total<br>29.1           | Total<br>100.8                    | Total<br>22.3           | Total<br>77.0                     |
|                               | Male<br>29.0            | Male<br>152.8                     | Male<br>28.3            | Male<br>127.5                     | Male<br>22.2            | Male<br>91.4                      |
|                               | Female<br>29.5          | Female<br>69.2                    | Female<br>28.7          | Female<br>73.5                    | Female<br>22.6          | Female<br>62.3                    |
|                               | White<br>29.2           | White<br>116.3                    | White<br>29.6           | White<br>108.2                    | White<br>22.3           | White<br>64.8                     |
|                               | Male<br>27.5            | Male<br>156.1                     | Male<br>26.6            | Male<br>113.9                     | Male<br>21.2            | Male<br>54.6                      |
|                               | Female<br>29.4          | Female<br>76.2                    | Female<br>31.1          | Female<br>102.0                   | Female<br>24.8          | Female<br>75.2                    |
|                               | Black<br>31.4           | Black<br>99.4                     | Black<br>27.9           | Black<br>92.5                     | Black<br>21.9           | Black<br>135.2                    |
|                               | Male<br>34.8            | Male<br>146.6                     | Male<br>31.0            | Male<br>143.6                     | Male<br>29.5            | Male<br>265.0                     |
|                               | Female<br>29.9          | Female<br>57.3                    | Female<br>25.0          | Female<br>44.2                    | Female<br>*             | Female<br>*                       |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

Rates that have less than 5 events have been indicated with an \*

## Leading Causes of Mortality by Sex and Race, Harris County, 2016-2020

| Digestive System Diseases | Georgia   |  | WCHD  |  | Harris County                                   |  |
|---------------------------|---|--|---|--|---|--|
|                           | Age Adjusted Death Rate                         | Years of Potential Life Lost Rate                  | Age Adjusted Death Rate                         | Years of Potential Life Lost Rate                  | Age Adjusted Death Rate                         | Years of Potential Life Lost Rate                  |
|                           | Total<br>28.5                                   | Total<br>355.2                                     | Total<br>32.0                                   | Total<br>427.4                                     | Total<br>22.7                                   | Total<br>273.0                                     |
|                           | Male<br>33.7<br>Female<br>24.1                  | Male<br>432.9<br>Female<br>280.3                   | Male<br>37.2<br>Female<br>27.6                  | Male<br>498.6<br>Female<br>355.0                   | Male<br>28.1<br>Female<br>17.3                  | Male<br>380.3<br>Female<br>163.4                   |
|                           | White<br>30.4<br>Male<br>35.3<br>Female<br>25.8 | White<br>405.4<br>Male<br>492.1<br>Female<br>318.0 | White<br>32.8<br>Male<br>36.4<br>Female<br>29.6 | White<br>446.6<br>Male<br>498.6<br>Female<br>390.1 | White<br>20.9<br>Male<br>23.9<br>Female<br>17.4 | White<br>247.6<br>Male<br>361.7<br>Female<br>131.5 |
|                           | Black<br>24.0<br>Male<br>29.3<br>Female<br>20.0 | Black<br>264.8<br>Male<br>319.4<br>Female<br>216.1 | Black<br>30.8<br>Male<br>37.8<br>Female<br>24.9 | Black<br>406.1<br>Male<br>498.7<br>Female<br>318.9 | Black<br>32.4<br>Male<br>50.8<br>Female<br>*    | Black<br>394.4<br>Male<br>468.3<br>Female<br>*     |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

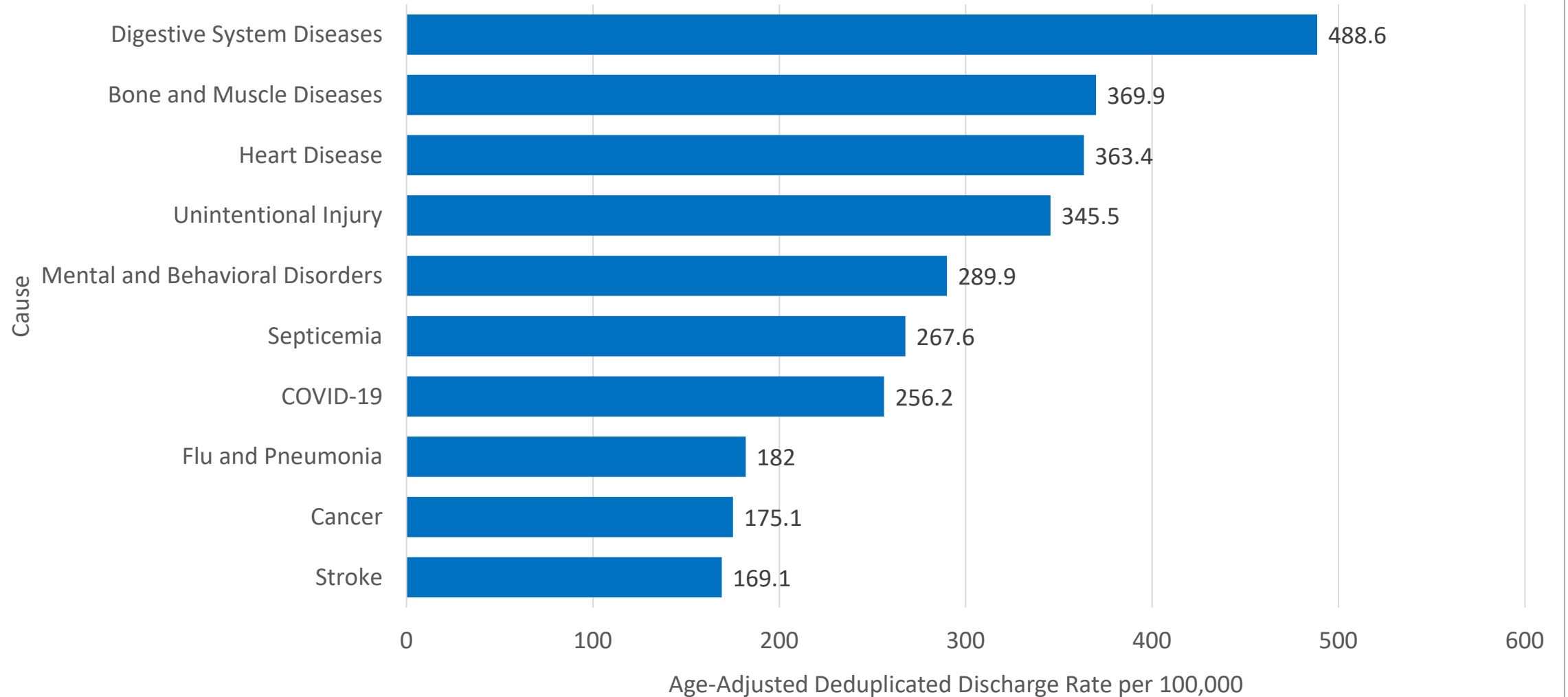
Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

Rates that have less than 5 events have been indicated with an \*

Morbidity

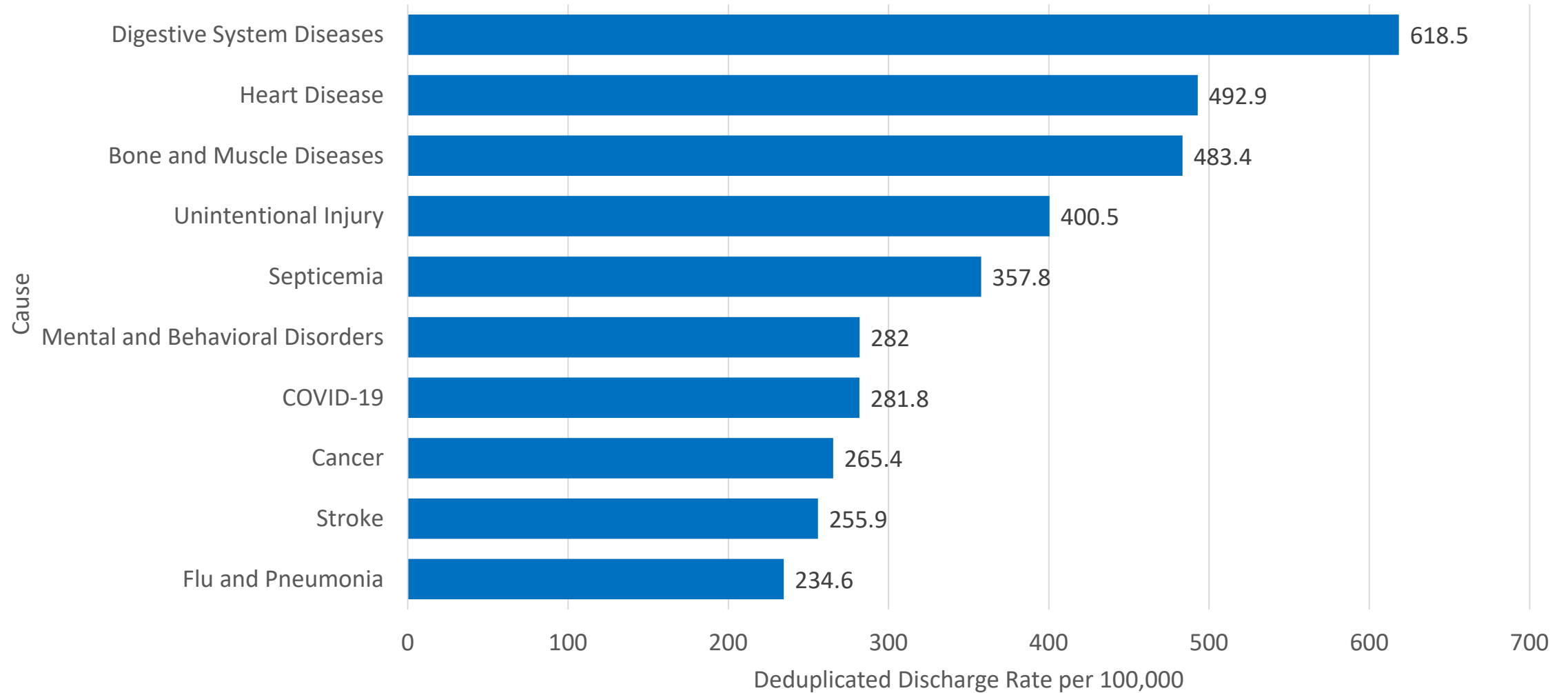
| Age-Adjusted Deduplicated Discharge Rate by Health Issue, 2016-2020 (Rate per 100,000) |  |  |
|--|--|--|
| Georgia  | West Central Health District               | Harris County                              |
| Pregnancy and Child birthing Complications   | Pregnancy and Child birthing Complications | Pregnancy and Child birthing Complications |
| Digestive System Diseases (630.5)  | Digestive System Diseases (658.3)          | Digestive System Diseases (534.6)          |
| Blood Poisoning (490.8)  | Blood Poisoning (410.4)                    | Bone and Muscle Disease (378.6)            |
| Mental and Behavioral Disorders (393.7)  | Heart Disease (404.4)                      | Unintentional Injury (368.0)               |
| Bone and Muscle Diseases (388.1)   | Mental and Behavioral Disorders (403.3)    | Blood Poisoning (313.1)                    |
| Unintentional Injury (366.7)   | Unintentional Injury (380.0)               | Heart Disease (267.6)                      |
| Heart Disease (315.3)  | Bone and Muscle Disease (374.1)            | Mental and Behavioral Disorders (257.0)    |
| COVID-19* (284.7)  | COVID-19* (298.8)                          | COVID-19* (194.1)                          |
| Flu and Pneumonia (206.4)  | Flu and Pneumonia (230.3)                  | Stroke (169.9)                             |
| Stroke (190.9)   | Cancer (195.1)                             | Flu and Pneumonia (161.7)                  |
| Cancer (187.8)   | Diabetes (178.5)                           | Cancer (158.6)                             |

## Leading Causes of Hospital Utilization, Harris County, 2016-2020



| Hospital Deduplicated Discharge by Health Issue, 2016-2020 (Rate per 100,000) |   |   |
|---|---|---|
| Georgia   | West Central Health District            | Harris County                           |
| Digestive System Diseases (663.7)   | Digestive System Diseases (718.3)       | Digestive System Diseases (636.8)       |
| Blood Poisoning (518.9)   | Heart Disease (466.6)                   | Bone and Muscular Diseases (509.9)      |
| Bone and Muscle Disease (431.6)   | Blood Poisoning (463.8)                 | Unintentional Injury (419.4)            |
| Heart disease (411.9)   | Bone and Muscle Disease (433.8)         | Blood Poisoning (388.8)                 |
| Mental and Behavioral Disorders (397.2)                                       | Unintentional Injury (414.4)            | Heart Disease (357.1)                   |
| Unintentional Injury (373.8)  | Mental and Behavioral Disorders (403.2) | COVID-19* (255.0)                       |
| COVID-19* (309.5)   | COVID-19* (339.8)                       | Mental and Behavioral Disorders (242.9) |
| Flu and Pneumonia (213.9)   | Stroke (272.7)                          | Stroke (228.4)                          |
| Cancer (210.0)  | Flu and Pneumonia (255.4)               | Cancer (216.9)                          |
| Stroke (206.2)  | Cancer (231.0)                          | Flu and Pneumonia (198.4)               |

## Leading Causes of Hospital Utilization, Harris County, 2016-2020



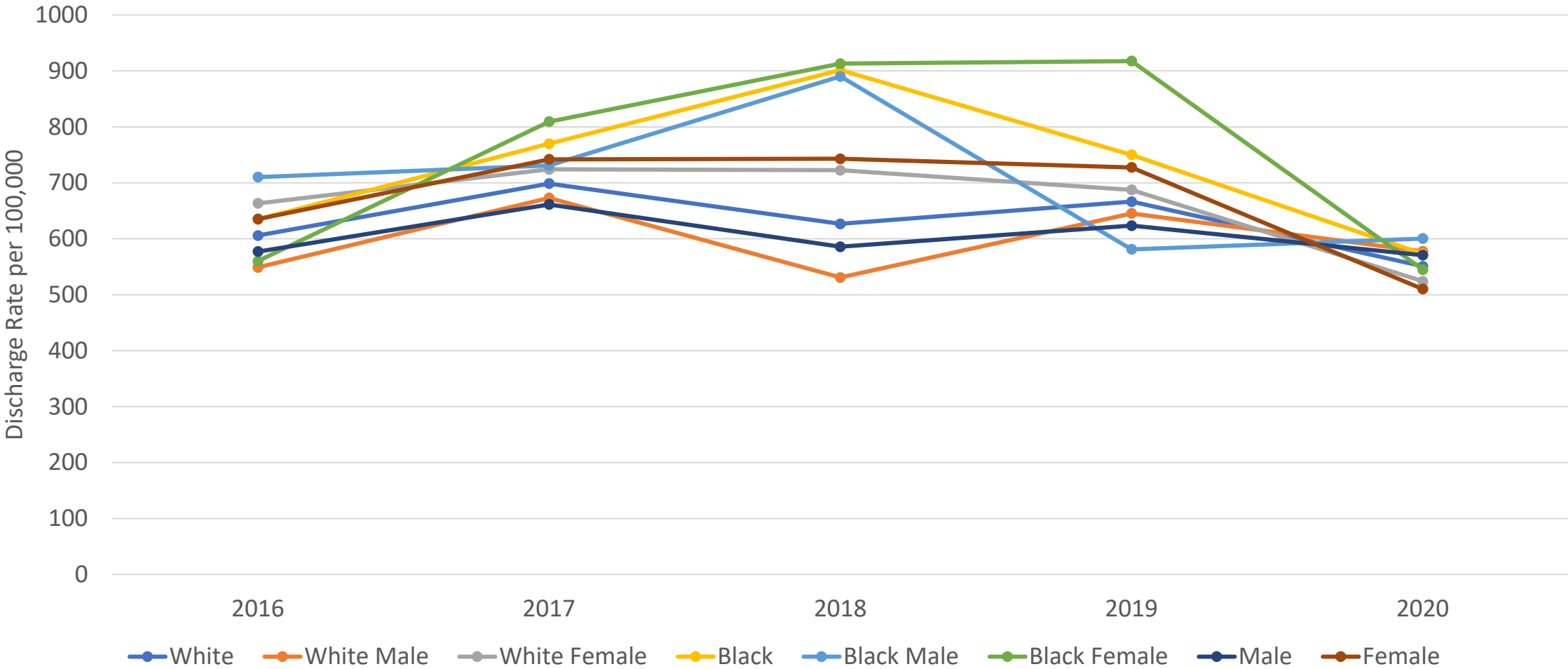


| Top Ten* County of Hospital Utilization for Harris County, 2016-2020 |  |                                |  |                                |  |                                |
|--|--|--------------------------------|--|--------------------------------|--|--------------------------------|
|  | Georgia  |                                | West Central Health District                   |                                | Harris County                                  |                                |
|  | Age-Adjusted<br>Deduplicated<br>Discharge Rate | Deduplicated<br>Discharge Rate | Age-Adjusted<br>Deduplicated<br>Discharge Rate | Deduplicated<br>Discharge Rate | Age-Adjusted<br>Deduplicated<br>Discharge Rate | Deduplicated<br>Discharge Rate |
| Digestive System Diseases  | 630.5  | 663.7                          | 658.3  | 718.3                          | 534.6  | 636.8                          |
| Bone and Muscle Disease  | 388.1  | 431.6                          | 374.1  | 433.8                          | 378.6  | 509.9                          |
| Unintentional Injury   | 366.7  | 373.8                          | 380.0  | 414.4                          | 368.0  | 419.4                          |
| Blood Poisoning  | 490.8  | 518.9                          | 410.4  | 463.8                          | 313.1  | 388.8                          |
| Heart Disease  | 375.9  | 411.9                          | 404.4  | 466.6                          | 267.6  | 357.1                          |
| COVID-19*  | 284.7  | 309.5                          | 298.8  | 339.8                          | 194.1  | 255.0                          |
| Mental and Behavioral Disorders                                      | 393.7  | 397.2                          | 403.3  | 403.2                          | 257.0  | 242.9                          |
| Stroke   | 190.9  | 206.2                          | 234.7  | 272.7                          | 169.9  | 228.4                          |
| Flu and Pneumonia  | 206.4  | 213.9                          | 230.3  | 255.0                          | 161.7  | 198.4                          |
| Chronic Lower Respiratory Diseases                                   | 172.4  | 187.5                          | 175.8  | 200.3                          | 95.3   | 125.8                          |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

# Digestive System Disease Hospital Deduplicated Discharge Rates, Harris County, by Race and Sex, 2016-2020



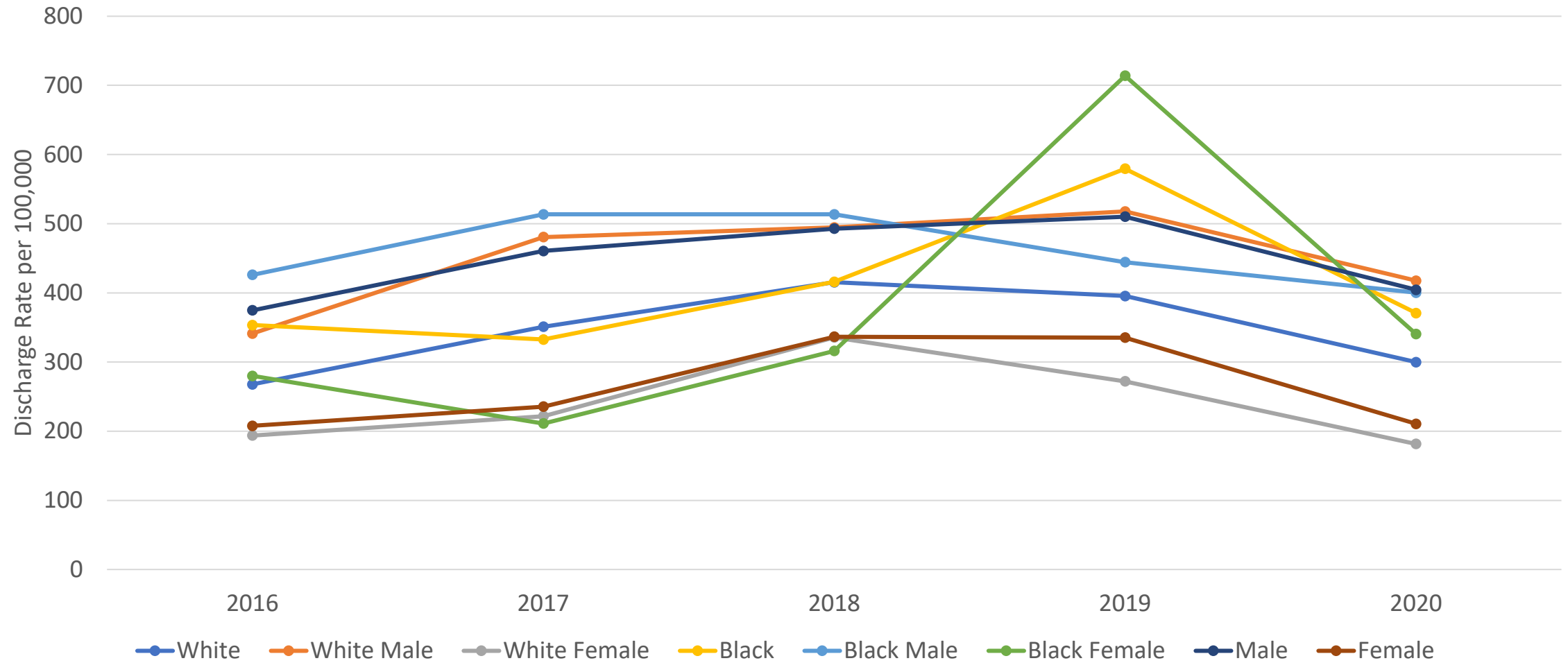
## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| Heart Disease | Georgia  |  | WCHD   |  | Harris County                                      |  |
|---------------|--|--|--|--|--|--|
|               | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  |
|               | 378.2  | 424.7  | 404.3  | 475.5  | 265.1  | 357.2  |
|               | Male<br>481.5<br>Female<br>289.9                   | Male<br>509.6<br>Female<br>344.3                   | Male<br>504.6<br>Female<br>316.1                   | Male<br>549.3<br>Female<br>402.7                   | Male<br>345.9<br>Female<br>192.3                   | Male<br>450.1<br>Female<br>263.9                   |
|               | White<br>346.3<br>Male<br>455.8<br>Female<br>247.6 | White<br>432.3<br>Male<br>536.5<br>Female<br>329.8 | White<br>347.3<br>Male<br>455.2<br>Female<br>246.7 | White<br>465.9<br>Male<br>558.0<br>Female<br>369.4 | White<br>251.1<br>Male<br>336.3<br>Female<br>174.0 | White<br>346.0<br>Male<br>450.7<br>Female<br>240.8 |
|               | Black<br>442.1<br>Male<br>527.9<br>Female<br>375.2 | Black<br>410.3<br>Male<br>456.4<br>Female<br>369.8 | Black<br>473.5<br>Male<br>567.0<br>Female<br>397.1 | Black<br>486.5<br>Male<br>538.7<br>Female<br>438.4 | Black<br>332.6<br>Male<br>384.4<br>Female<br>284.6 | Black<br>410.9<br>Male<br>447.3<br>Female<br>374.3 |

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## Heart Disease Hospital Deduplicated Discharge Rates, Harris County, by Race and Sex, 2016-2020



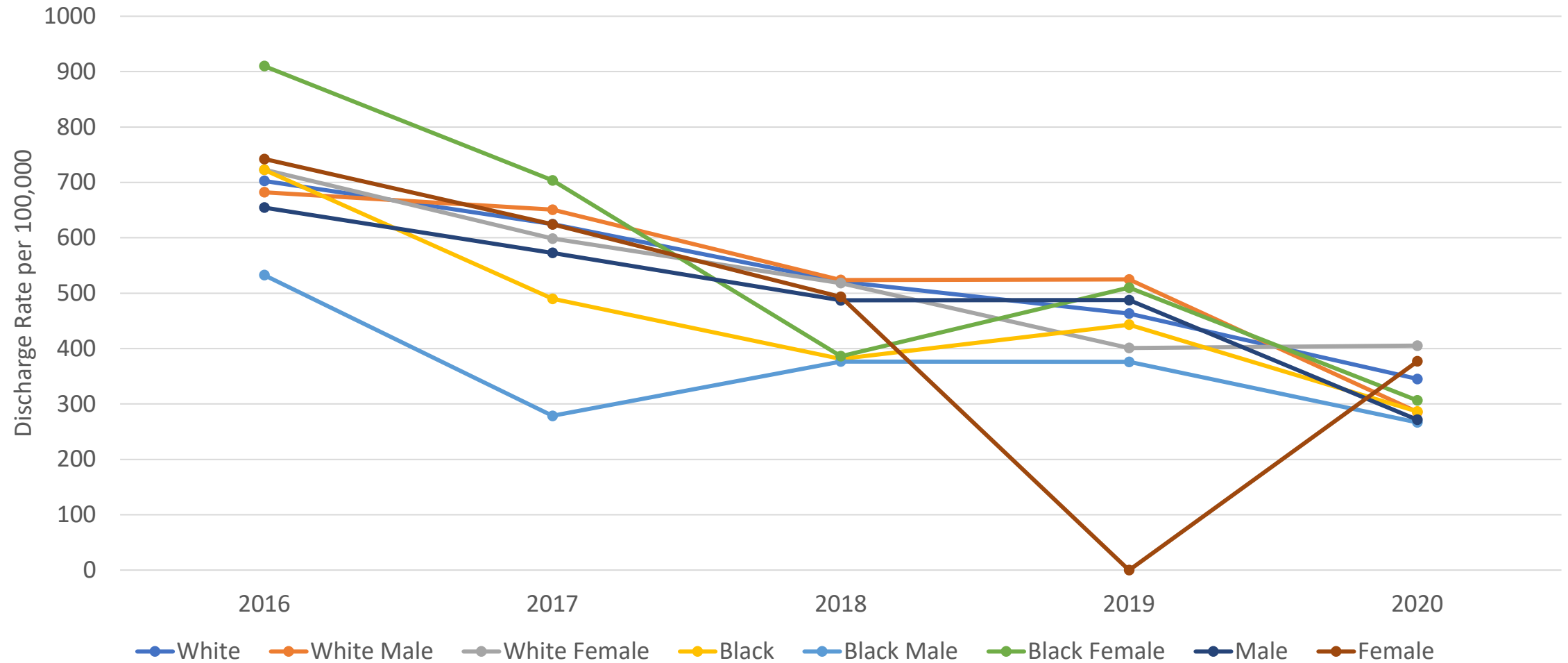
## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| Bone and Muscle Disease | Georgia  |  | WCHD   |  | Harris County                                      |  |
|-------------------------|--|--|--|--|--|--|
|                         | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        |
|                         | 394.0  | 448.1  | 376.9  | 444.4  | 380.7  | 517.0  |
|                         | Male<br>377.5<br>Female<br>407.1                   | Male<br>405.9<br>Female<br>488.1                   | Male<br>363.2<br>Female<br>387.7                   | Male<br>399.2<br>Female<br>489.0                   | Male<br>381.2<br>Female<br>382.1                   | Male<br>501.5<br>Female<br>532.6                   |
|                         | White<br>401.8<br>Male<br>386.2<br>Female<br>414.8 | White<br>500.5<br>Male<br>455.8<br>Female<br>544.5 | White<br>384.5<br>Male<br>380.9<br>Female<br>386.0 | White<br>495.4<br>Male<br>453.6<br>Female<br>539.3 | White<br>389.2<br>Male<br>402.1<br>Female<br>378.0 | White<br>528.4<br>Male<br>530.2<br>Female<br>526.6 |
|                         | Black<br>360.5<br>Male<br>335.7<br>Female<br>377.3 | Black<br>350.5<br>Male<br>307.2<br>Female<br>388.4 | Black<br>359.0<br>Male<br>328.3<br>Female<br>382.3 | Black<br>386.2<br>Male<br>333.1<br>Female<br>435.1 | Black<br>334.7<br>Male<br>275.9<br>Female<br>398.5 | Black<br>462.7<br>Male<br>364.7<br>Female<br>561.5 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Bone and Muscle Disease Hospital Deduplicated Rates, Harris County, by Race and Sex, 2016-2020



## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| Digestive System Diseases | Georgia  |  | WCHD   |  | Harris County                                      |  |
|---------------------------|--|--|--|--|--|--|
|                           | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        |
|                           | 626.4  | 671.5  | 654.8  | 726.4  | 538.8  | 645.7  |
|                           | Male<br>625.3<br>Female<br>627.8                   | Male<br>638.4<br>Female<br>702.8                   | Male<br>648.9<br>Female<br>662.9                   | Male<br>675.2<br>Female<br>776.8                   | Male<br>520.2<br>Female<br>554.0                   | Male<br>613.7<br>Female<br>677.8                   |
|                           | White<br>594.6<br>Male<br>589.6<br>Female<br>600.6 | White<br>682.9<br>Male<br>646.6<br>Female<br>718.7 | White<br>599.2<br>Male<br>589.0<br>Female<br>615.4 | White<br>718.8<br>Male<br>661.5<br>Female<br>778.9 | White<br>522.9<br>Male<br>500.4<br>Female<br>544.1 | White<br>629.0<br>Male<br>595.2<br>Female<br>663.0 |
|                           | Black<br>699.0<br>Male<br>712.6<br>Female<br>686.9 | Black<br>650.2<br>Male<br>622.3<br>Female<br>674.7 | Black<br>730.1<br>Male<br>733.1<br>Female<br>725.5 | Black<br>735.0<br>Male<br>692.0<br>Female<br>774.6 | Black<br>616.3<br>Male<br>622.5<br>Female<br>603.9 | Black<br>725.2<br>Male<br>701.9<br>Female<br>748.6 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

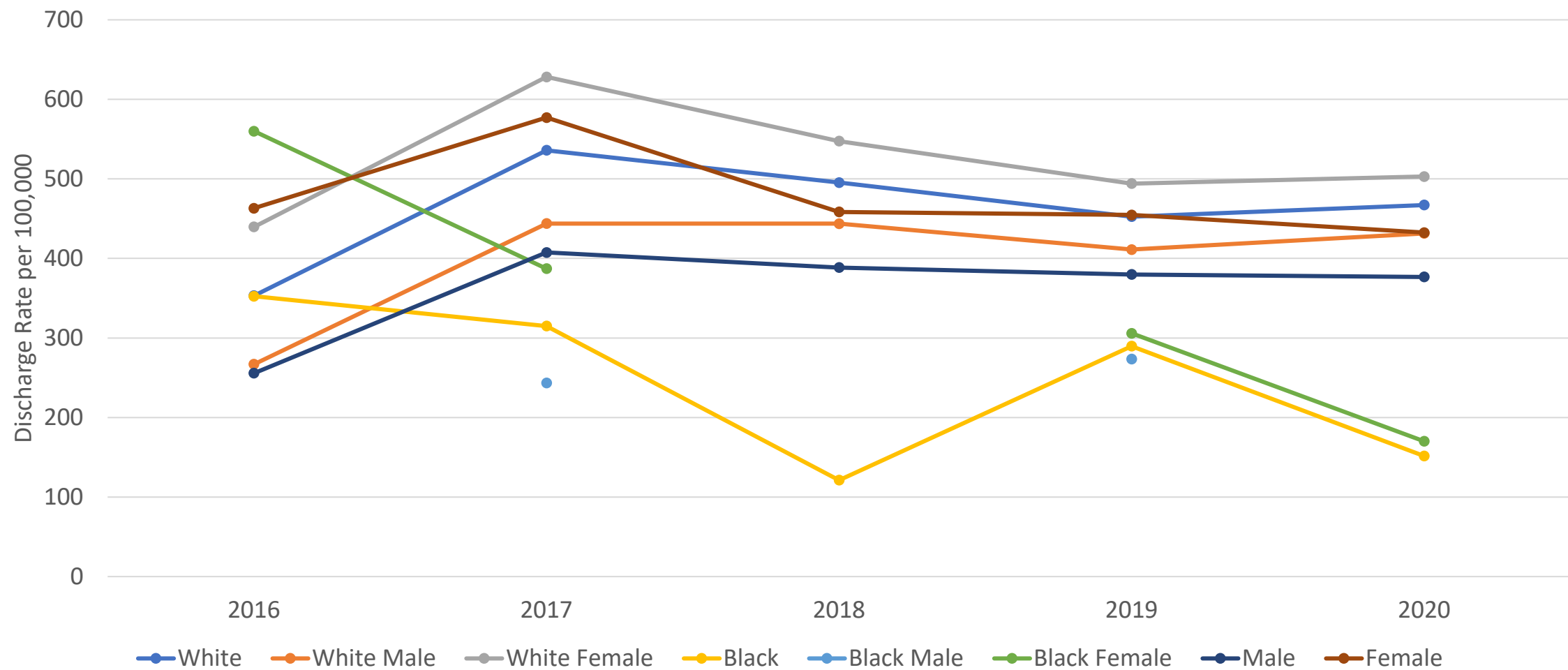
| Unintentional Injury | Georgia  |  | WCHD   |  | Harris County                                      |  |
|----------------------|--|--|--|--|--|--|
|                      | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        |
|                      | 363.7  | 378.5  | 380.5  | 419.0  | 370.1  | 423.7  |
|                      | Male<br>377.7<br>Female<br>339.8                   | Male<br>368.7<br>Female<br>387.7                   | Male<br>396.2<br>Female<br>349.4                   | Male<br>404.0<br>Female<br>433.8                   | Male<br>342.4<br>Female<br>380.9                   | Male<br>363.0<br>Female<br>484.7                   |
|                      | White<br>370.6<br>Male<br>355.1<br>Female<br>371.8 | White<br>425.1<br>Male<br>371.0<br>Female<br>478.4 | White<br>428.3<br>Male<br>403.6<br>Female<br>429.3 | White<br>542.4<br>Male<br>443.2<br>Female<br>646.0 | White<br>402.0<br>Male<br>373.6<br>Female<br>412.3 | White<br>461.1<br>Male<br>400.2<br>Female<br>522.3 |
|                      | Black<br>313.0<br>Male<br>398.9<br>Female<br>238.0 | Black<br>291.4<br>Male<br>364.0<br>Female<br>227.7 | Black<br>293.1<br>Male<br>366.6<br>Female<br>224.6 | Black<br>290.6<br>Male<br>349.7<br>Female<br>236.1 | Black<br>224.7<br>Male<br>187.8<br>Female<br>253.2 | Black<br>245.2<br>Male<br>185.8<br>Female<br>305.0 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

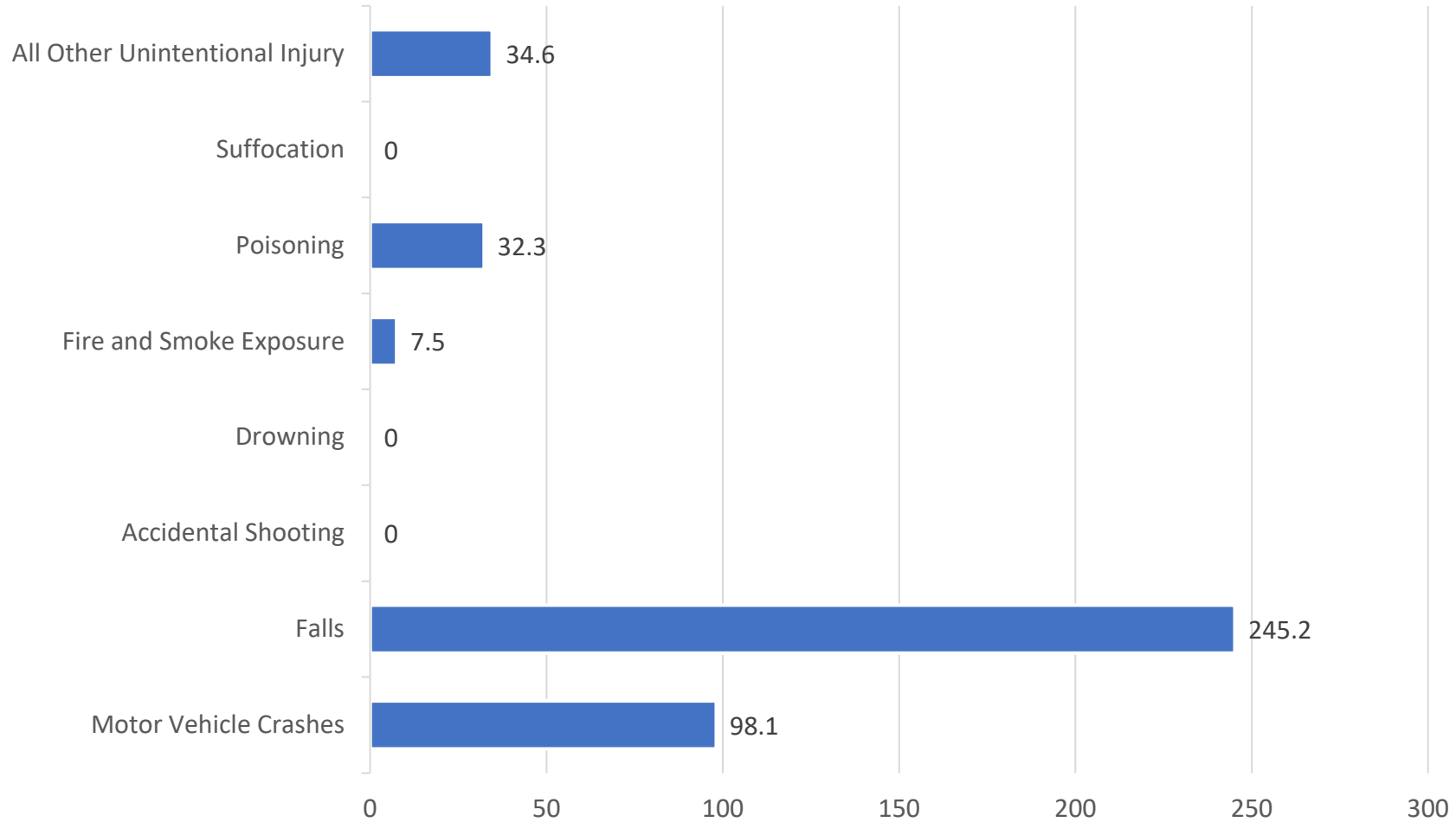
Numbers highlighted in **Blue** indicate rates <10% compared to Georgia



## Unintentional Injury Hospital Deduplicated Discharge Rates, Harris County, by Race and Sex, 2016-2020



## Deduplicated Discharge Rate per 100,000 by Type of Unintentional Injuries, Harris County, 2016-2020



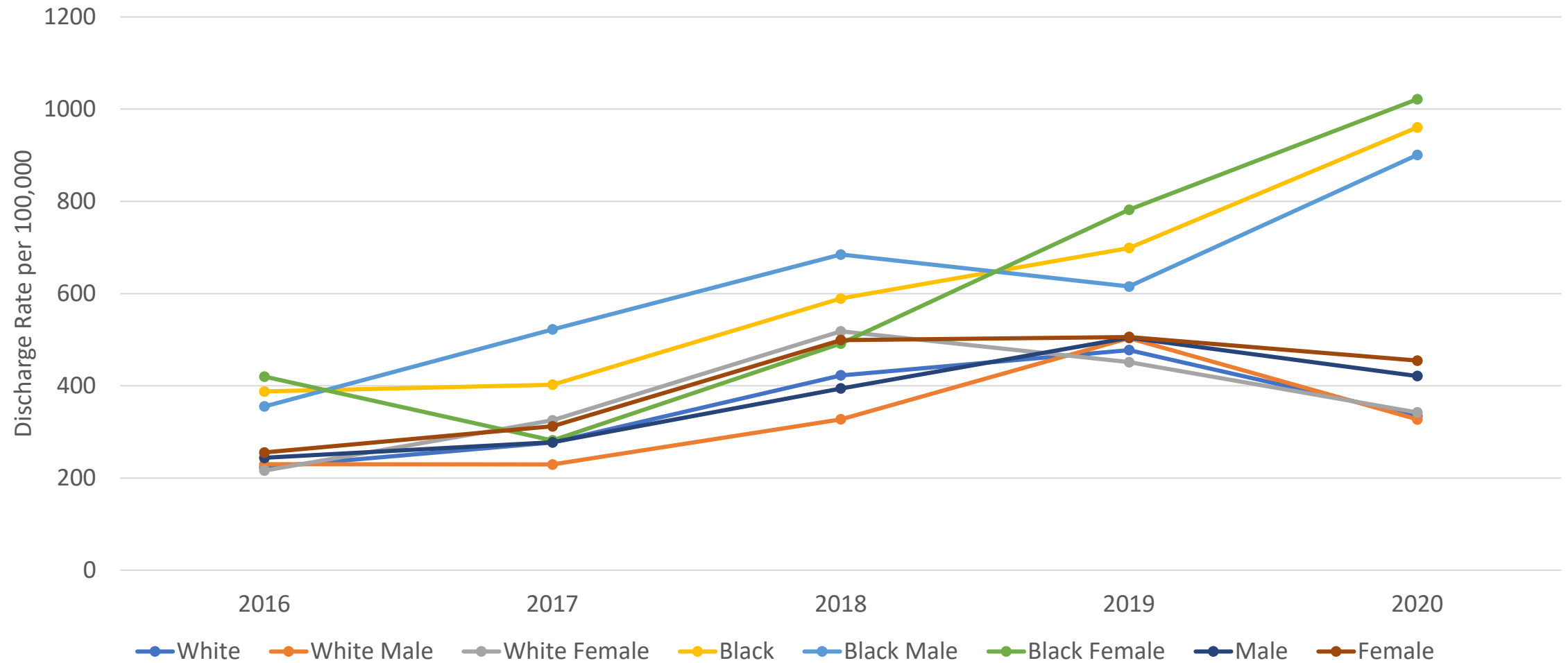
## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| Blood<br>Poisoning | Georgia  |  | WCHD   |  | Harris County                                      |  |
|--------------------|--|--|--|--|--|--|
|                    | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  |
|                    | 491.7  | 531.6  | 413.2  | 475.5  | 313.6  | 393.7  |
|                    | Male<br>524.6<br>Female<br>469.4                   | Male<br>526.3<br>Female<br>536.5                   | Male<br>449.2<br>Female<br>388.8                   | Male<br>478.7<br>Female<br>472.3                   | Male<br>316.3<br>Female<br>316.7                   | Male<br>376.1<br>Female<br>411.5                   |
|                    | White<br>448.4<br>Male<br>466.8<br>Female<br>437.9 | White<br>532.0<br>Male<br>516.0<br>Female<br>547.7 | White<br>338.2<br>Male<br>355.7<br>Female<br>329.7 | White<br>434.2<br>Male<br>419.6<br>Female<br>449.4 | White<br>275.4<br>Male<br>274.7<br>Female<br>282.1 | White<br>348.2<br>Male<br>325.0<br>Female<br>371.4 |
|                    | Black<br>584.7<br>Male<br>670.0<br>Female<br>529.3 | Black<br>530.8<br>Male<br>546.1<br>Female<br>516.9 | Black<br>513.3<br>Male<br>588.2<br>Female<br>460.8 | Black<br>522.7<br>Male<br>550.7<br>Female<br>496.8 | Black<br>503.5<br>Male<br>525.4<br>Female<br>488.5 | Black<br>611.2<br>Male<br>619.3<br>Female<br>603.1 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Blood Poisoning Hospital Deduplicated Discharge Rates, Harris County, by Race and Sex, 2016-2020



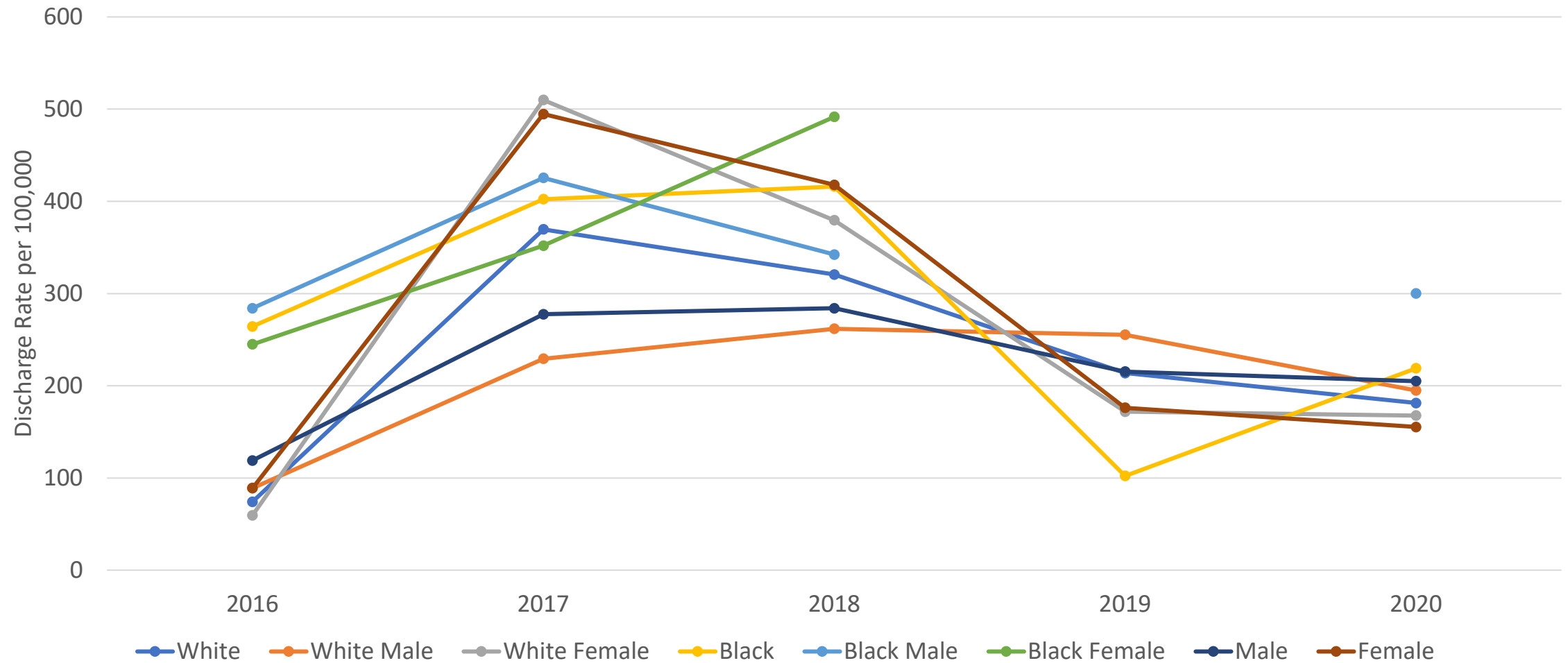
## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| Mental and Behavioral Disorders | Georgia  |  | WCHD   |  | Harris County                                      |  |
|---------------------------------|--|--|--|--|--|--|
|                                 | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        |
|                                 | 397.5  | 402.1  | 405.9  | 406.8  | 254.1  | 240.0  |
|                                 | Male<br>407.0<br>Female<br>390.3                   | Male<br>413.4<br>Female<br>391.4                   | Male<br>403.5<br>Female<br>414.3                   | Male<br>410.0<br>Female<br>403.6                   | Male<br>228.1<br>Female<br>283.5                   | Male<br>220.9<br>Female<br>259.1                   |
|                                 | White<br>378.2<br>Male<br>367.6<br>Female<br>389.8 | White<br>381.0<br>Male<br>374.1<br>Female<br>387.8 | White<br>374.4<br>Male<br>346.2<br>Female<br>413.0 | White<br>372.8<br>Male<br>352.4<br>Female<br>394.1 | White<br>248.4<br>Male<br>217.2<br>Female<br>282.4 | White<br>231.6<br>Male<br>206.6<br>Female<br>256.8 |
|                                 | Black<br>434.2<br>Male<br>489.6<br>Female<br>391.3 | Black<br>441.4<br>Male<br>491.2<br>Female<br>397.6 | Black<br>441.6<br>Male<br>474.6<br>Female<br>417.2 | Black<br>445.6<br>Male<br>480.0<br>Female<br>413.9 | Black<br>291.0<br>Male<br>290.0<br>Female<br>301.2 | Black<br>279.7<br>Male<br>289.0<br>Female<br>270.3 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Mental and Behavioral Disorders Hospital Deduplicated Discharge Rates, Harris County, by Race and Sex, 2016-2020



## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| COVID-19* | Georgia  |  | WCHD   |  | Harris County                                      |  |
|-----------|--|--|--|--|--|--|
|           | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  |
|           | 266.5  | 297.3  | 298.9  | 345.1  | 195.7  | 260.0  |
|           | Male<br>283.7<br>Female<br>253.0                   | Male<br>297.7<br>Female<br>296.9                   | Male<br>300.2<br>Female<br>298.9                   | Male<br>320.9<br>Female<br>369.0                   | Male<br>228.9<br>Female<br>168.3                   | Male<br>293.7<br>Female<br>226.1                   |
|           | White<br>202.4<br>Male<br>227.4<br>Female<br>180.4 | White<br>248.0<br>Male<br>262.1<br>Female<br>234.2 | White<br>180.5<br>Male<br>199.7<br>Female<br>166.3 | White<br>233.0<br>Male<br>237.9<br>Female<br>227.9 | White<br>160.8<br>Male<br>205.8<br>Female<br>122.6 | White<br>216.1<br>Male<br>257.5<br>Female<br>174.6 |
|           | Black<br>402.9<br>Male<br>416.5<br>Female<br>394.4 | Black<br>387.1<br>Male<br>366.6<br>Female<br>405.1 | Black<br>452.2<br>Male<br>445.0<br>Female<br>465.0 | Black<br>472.8<br>Male<br>421.6<br>Female<br>519.9 | Black<br>358.1<br>Male<br>349.6<br>Female<br>375.6 | Black<br>471.8<br>Male<br>467.0<br>Female<br>476.7 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

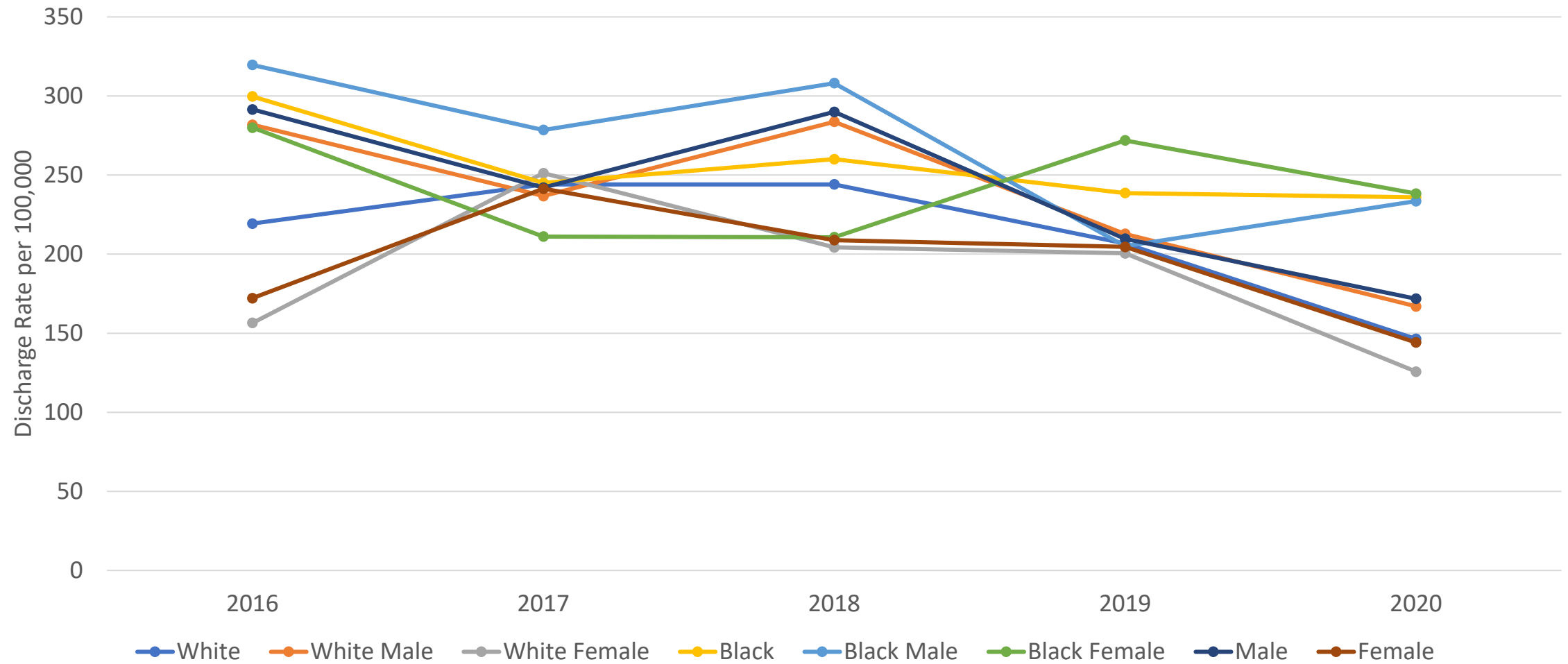
| Cancer | Georgia  |  | WCHD   |  | Harris County                                      |  |
|--------|--|--|--|--|--|--|
|        | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  |
|        | 185.1  | 212.0  | 195.9  | 236.7  | 158.7  | 219.0  |
|        | Male<br>205.5<br>Female<br>169.5                   | Male<br>223.0<br>Female<br>201.6                   | Male<br>219.3<br>Female<br>178.4                   | Male<br>247.5<br>Female<br>226.0                   | Male<br>181.5<br>Female<br>139.5                   | Male<br>214.2<br>Female<br>196.7                   |
|        | White<br>171.2<br>Male<br>192.1<br>Female<br>154.6 | White<br>213.9<br>Male<br>229.0<br>Female<br>199.0 | White<br>170.9<br>Male<br>199.8<br>Female<br>147.2 | White<br>227.9<br>Male<br>246.1<br>Female<br>208.8 | White<br>151.6<br>Male<br>173.0<br>Female<br>131.9 | White<br>211.4<br>Male<br>235.5<br>Female<br>187.1 |
|        | Black<br>218.2<br>Male<br>241.7<br>Female<br>202.6 | Black<br>208.5<br>Male<br>210.9<br>Female<br>206.3 | Black<br>229.6<br>Male<br>246.3<br>Female<br>217.8 | Black<br>246.7<br>Male<br>249.3<br>Female<br>244.4 | Black<br>191.7<br>Male<br>219.6<br>Female<br>174.6 | Black<br>255.5<br>Male<br>268.4<br>Female<br>242.6 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

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## Cancer Hospital Deduplicated Discharge Rates, Harris County, by Race and Sex, 2016-2020



## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| Stroke | Georgia  |  | WCHD   |  | Harris County                                      |  |
|--------|--|--|--|--|--|--|
|        | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  | Age-Adjusted<br>Deduplicated<br>Discharge<br>Rate  | Deduplicated<br>Discharge<br>Rate                  |
|        | 190.1  | 210.9  | 235.0  | 279.0  | 168.1  | 229.2  |
|        | Male<br>211.6<br>Female<br>171.6                   | Male<br>218.6<br>Female<br>203.7                   | Male<br>265.6<br>Female<br>208.1                   | Male<br>289.9<br>Female<br>268.3                   | Male<br>191.7<br>Female<br>142.9                   | Male<br>251.9<br>Female<br>206.3                   |
|        | White<br>159.1<br>Male<br>177.7<br>Female<br>142.5 | White<br>197.1<br>Male<br>203.4<br>Female<br>190.8 | White<br>182.1<br>Male<br>207.0<br>Female<br>158.0 | White<br>247.9<br>Male<br>252.6<br>Female<br>243.1 | White<br>157.8<br>Male<br>175.2<br>Female<br>138.4 | White<br>217.1<br>Male<br>234.0<br>Female<br>200.2 |
|        | Black<br>261.7<br>Male<br>296.6<br>Female<br>234.1 | Black<br>236.9<br>Male<br>248.6<br>Female<br>226.5 | Black<br>303.5<br>Male<br>350.9<br>Female<br>266.9 | Black<br>314.5<br>Male<br>335.4<br>Female<br>295.2 | Black<br>214.0<br>Male<br>264.7<br>Female<br>164.1 | Black<br>286.6<br>Male<br>337.2<br>Female<br>235.7 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

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## Leading Causes of Morbidity by Sex and Race, Harris County, 2016-2020

| Flu and Pneumonia | Georgia  |  | WCHD   |  | Harris County                                      |  |
|-------------------|--|--|--|--|--|--|
|                   | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        | Age-Adjusted Deduplicated Discharge Rate           | Deduplicated Discharge Rate                        |
|                   | 207.5  | 219.6  | 232.3  | 261.6  | 162.6  | 201.1  |
|                   | Male<br>214.0<br>Female<br>203.6                   | Male<br>208.0<br>Female<br>230.6                   | Male<br>242.1<br>Female<br>228.2                   | Male<br>246.2<br>Female<br>276.8                   | Male<br>187.2<br>Female<br>140.4                   | Male<br>214.9<br>Female<br>187.1                   |
|                   | White<br>197.7<br>Male<br>200.3<br>Female<br>197.2 | White<br>231.2<br>Male<br>214.3<br>Female<br>248.0 | White<br>203.9<br>Male<br>212.4<br>Female<br>199.7 | White<br>260.9<br>Male<br>241.3<br>Female<br>281.5 | White<br>167.6<br>Male<br>192.5<br>Female<br>143.6 | White<br>207.0<br>Male<br>222.5<br>Female<br>191.5 |
|                   | Black<br>218.2<br>Male<br>235.8<br>Female<br>206.9 | Black<br>197.9<br>Male<br>195.6<br>Female<br>199.9 | Black<br>262.5<br>Male<br>278.7<br>Female<br>255.7 | Black<br>262.3<br>Male<br>252.1<br>Female<br>271.7 | Black<br>139.1<br>Male<br>157.4<br>Female<br>127.4 | Black<br>172.7<br>Male<br>178.9<br>Female<br>166.4 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

| Top Ten* Causes of Hospital ER Visits for Harris County, 2016-2020 |                            |               |                              |               |                            |               |
|--|----------------------------|---------------|------------------------------|---------------|----------------------------|---------------|
|  | Georgia                    |               | West Central Health District |               | Harris County              |               |
|  | Age-Adjusted ER Visit Rate | ER Visit Rate | Age-Adjusted ER Visit Rate   | ER Visit Rate | Age-Adjusted ER Visit Rate | ER Visit Rate |
| Unintentional Injury   | 5,846.7                    | 5,779.3       | 6,676.3                      | 6,572.3       | 5,205.7                    | 4,914.1       |
| Bone and Muscle Diseases   | 3,096.9                    | 3,132.6       | 3,561.2                      | 3,581.6       | 1,848.6                    | 1,917.1       |
| Digestive System Diseases  | 2,376.9                    | 2,352.3       | 2,660.6                      | 2,644.1       | 1,647.1                    | 1,588.6       |
| Mental and Behavioral Disorders                                    | 1,079.7                    | 1,074.4       | 1,135.5                      | 1,176.7       | 706.6                      | 650.1         |
| Chronic Lower Respiratory Diseases                                 | 891.5                      | 902.4         | 1,123.3                      | 1,145.9       | 423.1                      | 455.7         |
| Flu and Pneumonia  | 718.9                      | 697.1         | 726.6                        | 710.0         | 474.6                      | 448.2         |
| COVID-19   | 599.1                      | 608.2         | 460.7                        | 485.8         | 403.5                      | 443.5         |
| Heart Disease  | 575.6                      | 603.2         | 695.1                        | 725.2         | 300.6                      | 364.0         |
| Diabetes   | 315.1                      | 326.7         | 435.7                        | 448.6         | 190.2                      | 204.2         |
| Homicide   | 241.1                      | 236.3         | 338.5                        | 329.7         | 130.4                      | 113.6         |

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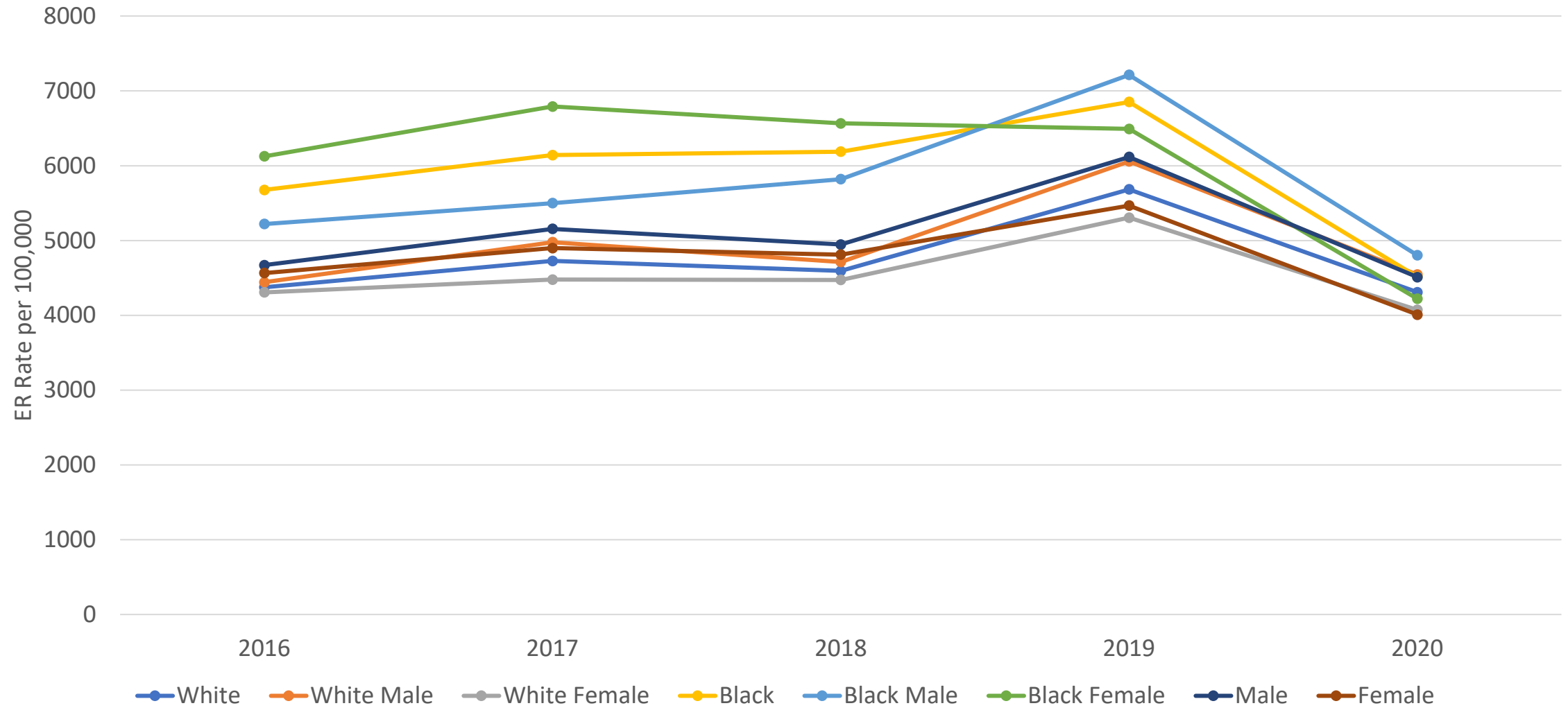
## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| Unintentional Injury | Georgia                    |                   | WCHD                       |                   | Harris County              |                   |
|----------------------|----------------------------|-------------------|----------------------------|-------------------|----------------------------|-------------------|
|                      | Age-Adjusted ER Visit Rate | ER Visit Rate     | Age-Adjusted ER Visit Rate | ER Visit Rate     | Age-Adjusted ER Visit Rate | ER Visit Rate     |
|                      | 5,823.4                    | 5,756.1           | 6,695.8                    | 6,572.8           | 5,249.9                    | 4,935.6           |
|                      | Male<br>5,810.8            | Male<br>5,718.4   | Male<br>6,551.9            | Male<br>6,407.0   | Male<br>5,474.0            | Male<br>5,082.7   |
|                      | Female<br>5,792.4          | Female<br>5,791.7 | Female<br>6,805.3          | Female<br>6,736.5 | Female<br>4,996.0          | Female<br>4,787.8 |
|                      | White<br>5,214.4           | White<br>5,189.1  | White<br>5,450.1           | White<br>5,433.6  | White<br>5,011.5           | White<br>4,739.6  |
|                      | Male<br>5,181.0            | Male<br>5,065.6   | Male<br>5,301.3            | Male<br>5,124.3   | Male<br>5,319.1            | Male<br>4,950.7   |
|                      | Female<br>5,206.4          | Female<br>5,310.6 | Female<br>5,577.9          | Female<br>5,757.6 | Female<br>4,674.0          | Female<br>4,527.7 |
|                      | Black<br>6,787.7           | Black<br>6,814.1  | Black<br>7,937.8           | Black<br>7,873.2  | Black<br>6,382.2           | Black<br>5,870.4  |
|                      | Male<br>6,911.9            | Male<br>7,010.7   | Male<br>7,900.7            | Male<br>7,968.9   | Male<br>6,191.3            | Male<br>5,711.1   |
|                      | Female<br>6,628.9          | Female<br>6,641.4 | Female<br>7,920.6          | Female<br>7,785.0 | Female<br>6,551.0          | Female<br>6,030.8 |

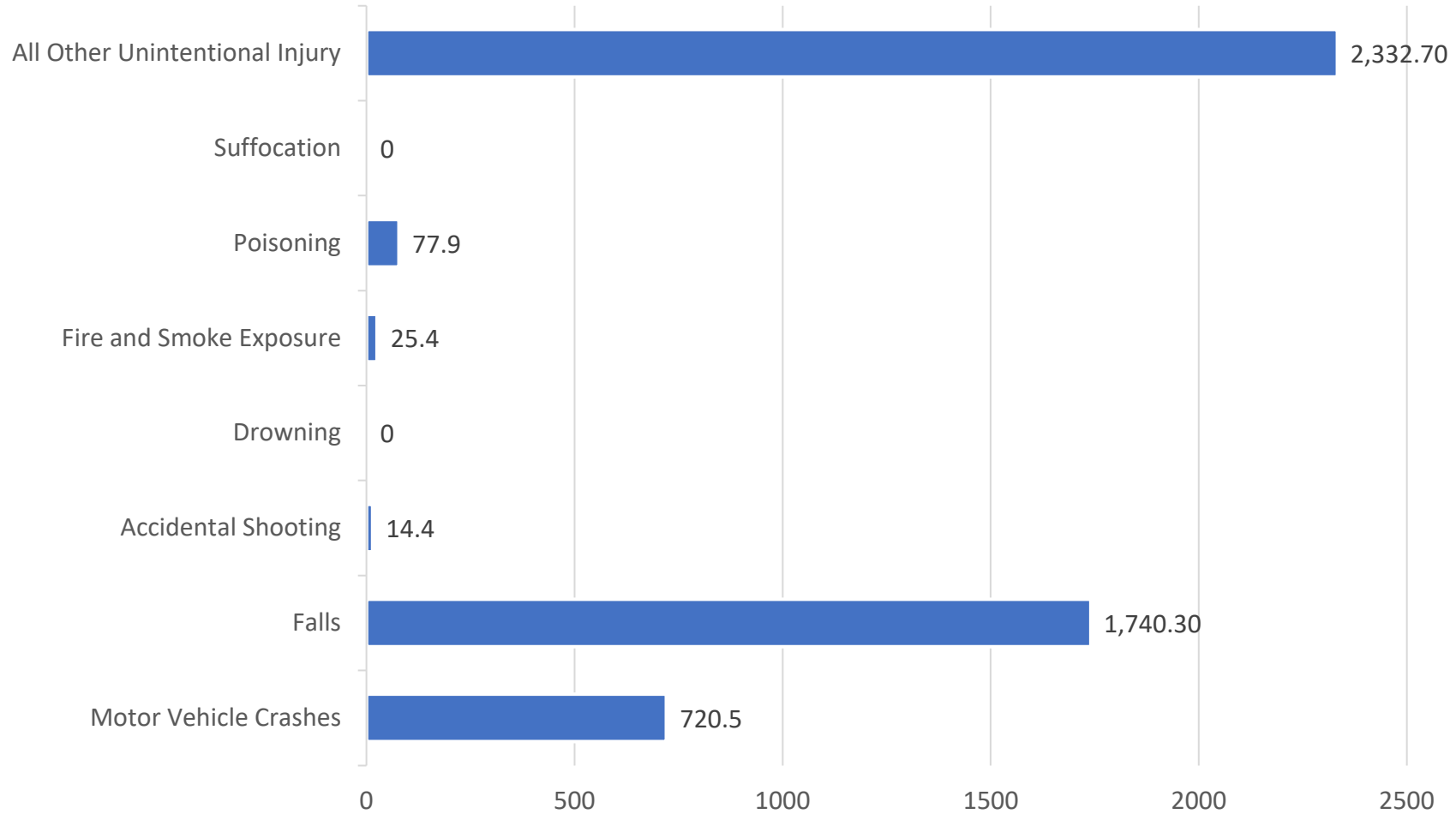
Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

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## Unintentional Injury Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



## ER Visit Rate per 100,000 by Type of Unintentional Injury, Harris County, 2016-2020



## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

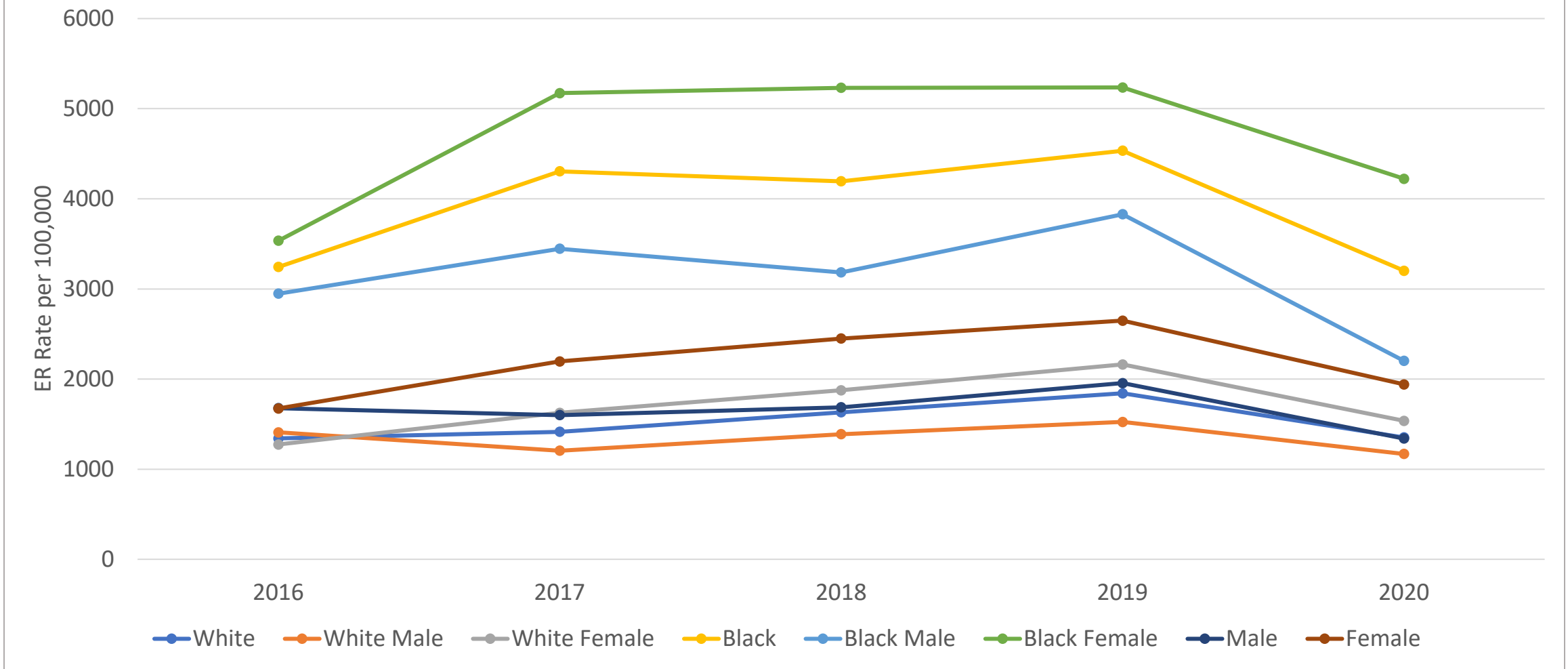
| Bone and Muscle Diseases | Georgia                    |                   | WCHD                       |                   | Harris County              |                   |
|--------------------------|----------------------------|-------------------|----------------------------|-------------------|----------------------------|-------------------|
|                          | Age-Adjusted ER Visit Rate | ER Visit Rate     | Age-Adjusted ER Visit Rate | ER Visit Rate     | Age-Adjusted ER Visit Rate | ER Visit Rate     |
|                          | 3,138.5                    | 3,189.2           | 3,592.0                    | 3,631.3           | 1,856.0                    | 1,929.8           |
|                          | Male<br>2,716.3            | Male<br>2,746.8   | Male<br>2,937.6            | Male<br>2,953.9   | Male<br>1,557.4            | Male<br>1,647.7   |
|                          | Female<br>3,530.6          | Female<br>3,607.9 | Female<br>4,246.6          | Female<br>4,299.7 | Female<br>2,159.4          | Female<br>2,213.3 |
|                          | White<br>2,094.4           | White<br>2,152.2  | White<br>2,016.7           | White<br>2,091.1  | White<br>1,486.7           | White<br>1,517.9  |
|                          | Male<br>1,789.1            | Male<br>1,839.1   | Male<br>1,666.5            | Male<br>1,707.9   | Male<br>1,291.1            | Male<br>1,339.2   |
|                          | Female<br>2,384.5          | Female<br>2,460.6 | Female<br>2,396.9          | Female<br>2,492.5 | Female<br>1,687.1          | Female<br>1,697.3 |
|                          | Black<br>5,156.6           | Black<br>5,124.3  | Black<br>5,433.3           | Black<br>5,389.3  | Black<br>3,636.7           | Black<br>3,895.2  |
|                          | Male<br>4,666.1            | Male<br>4,543.7   | Male<br>4,552.5            | Male<br>4,471.1   | Male<br>2,866.4            | Male<br>3,117.0   |
|                          | Female<br>5,565.6          | Female<br>5,634.4 | Female<br>6,226.7          | Female<br>6,235.7 | Female<br>4,422.4          | Female<br>4,679.1 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia



# Bone and Muscle Disease Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



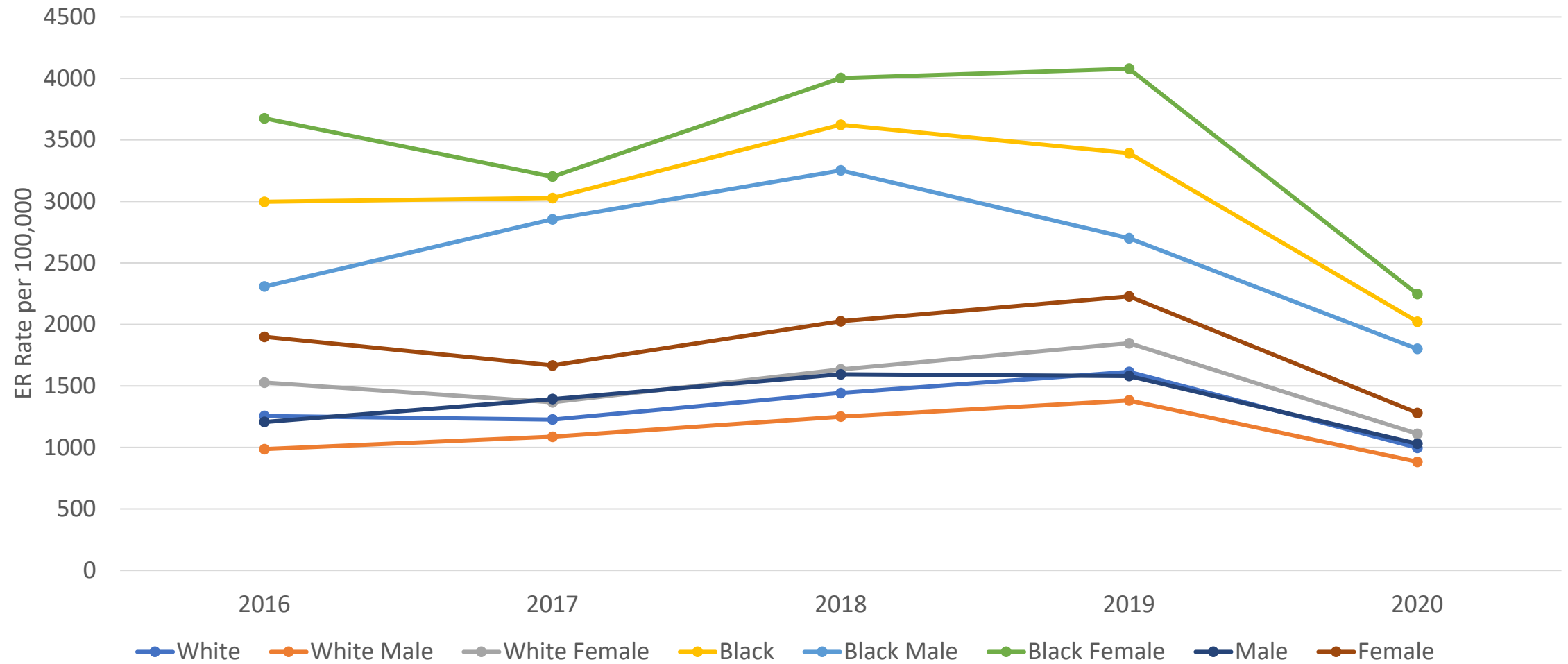
## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| Digestive System Diseases | Georgia  |  | WCHD   |  | Harris County  |  |
|---------------------------|--|--|--|--|--|--|
|                           | Age-Adjusted ER Visit Rate                               | ER Visit Rate  | Age-Adjusted ER Visit Rate                               | ER Visit Rate  | Age-Adjusted ER Visit Rate                               | ER Visit Rate  |
|                           | 2,384.1  | 2,358.9  | 2,673.6  | 2,658.9  | 1,662.8  | 1,601.3  |
|                           | Male<br>2,125.7<br>Female<br>2,634.7                     | Male<br>2,101.1<br>Female<br>2,602.8                     | Male<br>2,229.2<br>Female<br>3,148.3                     | Male<br>2,224.4<br>Female<br>3,087.6                     | Male<br>1,432.4<br>Female<br>1,908.6                     | Male<br>1,371.9<br>Female<br>1,831.9                     |
|                           | White<br>1,891.1<br>Male<br>1,655.9<br>Female<br>2,132.5 | White<br>1,875.4<br>Male<br>1,643.4<br>Female<br>2,103.8 | White<br>1,760.0<br>Male<br>1,439.8<br>Female<br>2,133.9 | White<br>1,780.0<br>Male<br>1,457.8<br>Female<br>2,117.5 | White<br>1,352.6<br>Male<br>1,167.4<br>Female<br>1,549.1 | White<br>1,306.5<br>Male<br>1,118.1<br>Female<br>1,495.7 |
|                           | Black<br>3,272.4<br>Male<br>3,042.8<br>Female<br>3,478.1 | Black<br>3,261.1<br>Male<br>3,007.2<br>Female<br>3,484.1 | Black<br>3,696.6<br>Male<br>3,193.7<br>Female<br>4,182.9 | Black<br>3,662.1<br>Male<br>3,157.8<br>Female<br>4,126.9 | Black<br>3,133.2<br>Male<br>2,690.1<br>Female<br>3,633.8 | Black<br>3,007.7<br>Male<br>2,580.3<br>Female<br>3,438.2 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Digestive System Disease Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



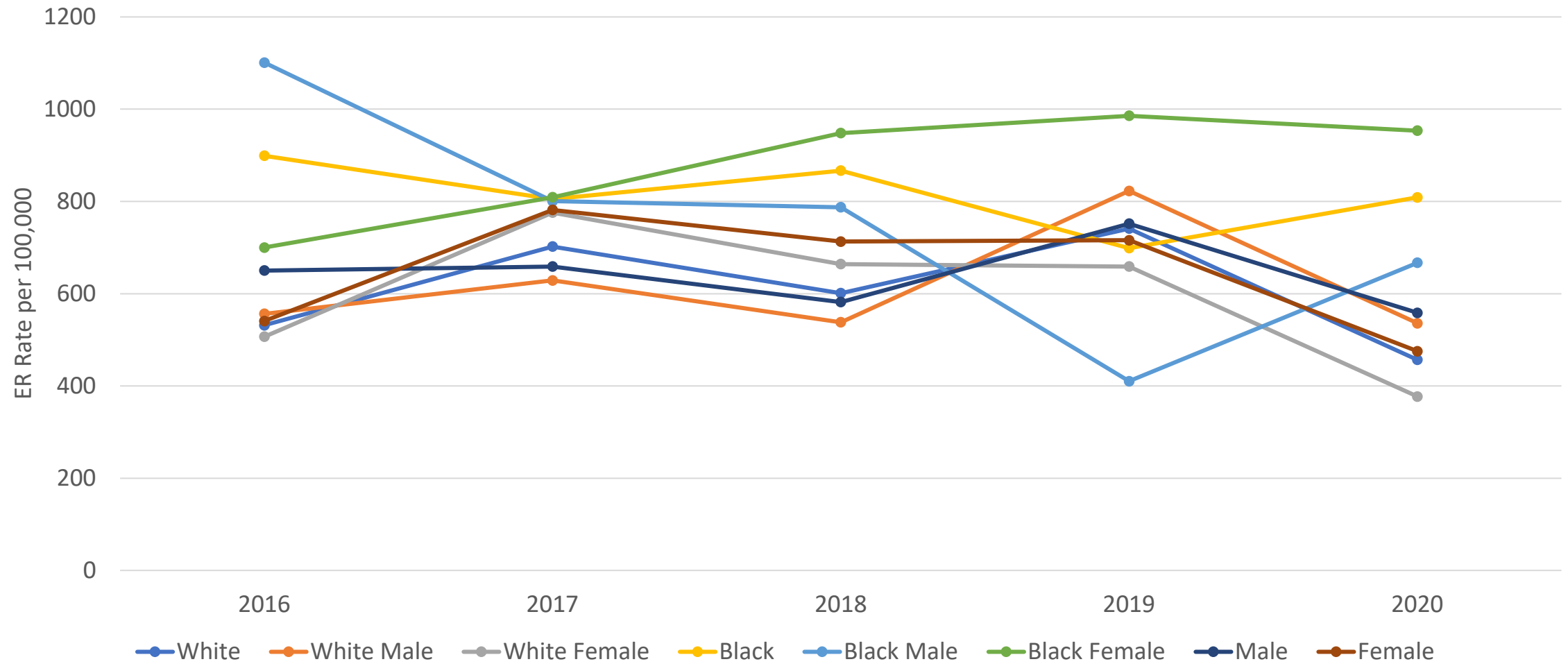
## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| Mental and Behavioral Disorders | Georgia  |  | WCHD   |  | Harris County                                      |  |
|---------------------------------|--|--|--|--|--|--|
|                                 | Age-Adjusted ER Visit Rate                               | ER Visit Rate  | Age-Adjusted ER Visit Rate                               | ER Visit Rate  | Age-Adjusted ER Visit Rate                         | ER Visit Rate                                      |
|                                 | 1,084.2  | 1,079.3  | 1,193.5  | 1,187.1  | 697.9  | 642.1  |
|                                 | Male<br>1,168.7<br>Female<br>1,004.1                     | Male<br>1,170.7<br>Female<br>992.8                       | Male<br>1,209.3<br>Female<br>1,186.6                     | Male<br>1,217.4<br>Female<br>1,157.2                     | Male<br>692.5<br>Female<br>705.1                   | Male<br>640.0<br>Female<br>644.2                   |
|                                 | White<br>946.1<br>Male<br>968.5<br>Female<br>922.8       | White<br>932.0<br>Male<br>964.1<br>Female<br>900.3       | White<br>1,037.4<br>Male<br>1,020.6<br>Female<br>1,067.8 | White<br>1,027.1<br>Male<br>1,025.4<br>Female<br>1,028.8 | White<br>673.7<br>Male<br>679.1<br>Female<br>671.9 | White<br>605.8<br>Male<br>616.9<br>Female<br>594.8 |
|                                 | Black<br>1,335.7<br>Male<br>1,570.4<br>Female<br>1,140.1 | Black<br>1,354.2<br>Male<br>1,579.8<br>Female<br>1,156.0 | Black<br>1,371.6<br>Male<br>1,445.2<br>Female<br>1,311.0 | Black<br>1,369.8<br>Male<br>1,451.2<br>Female<br>1,294.9 | Black<br>828.7<br>Male<br>776.0<br>Female<br>872.7 | Black<br>814.9<br>Male<br>750.0<br>Female<br>880.4 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Mental and Behavioral Disorders Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



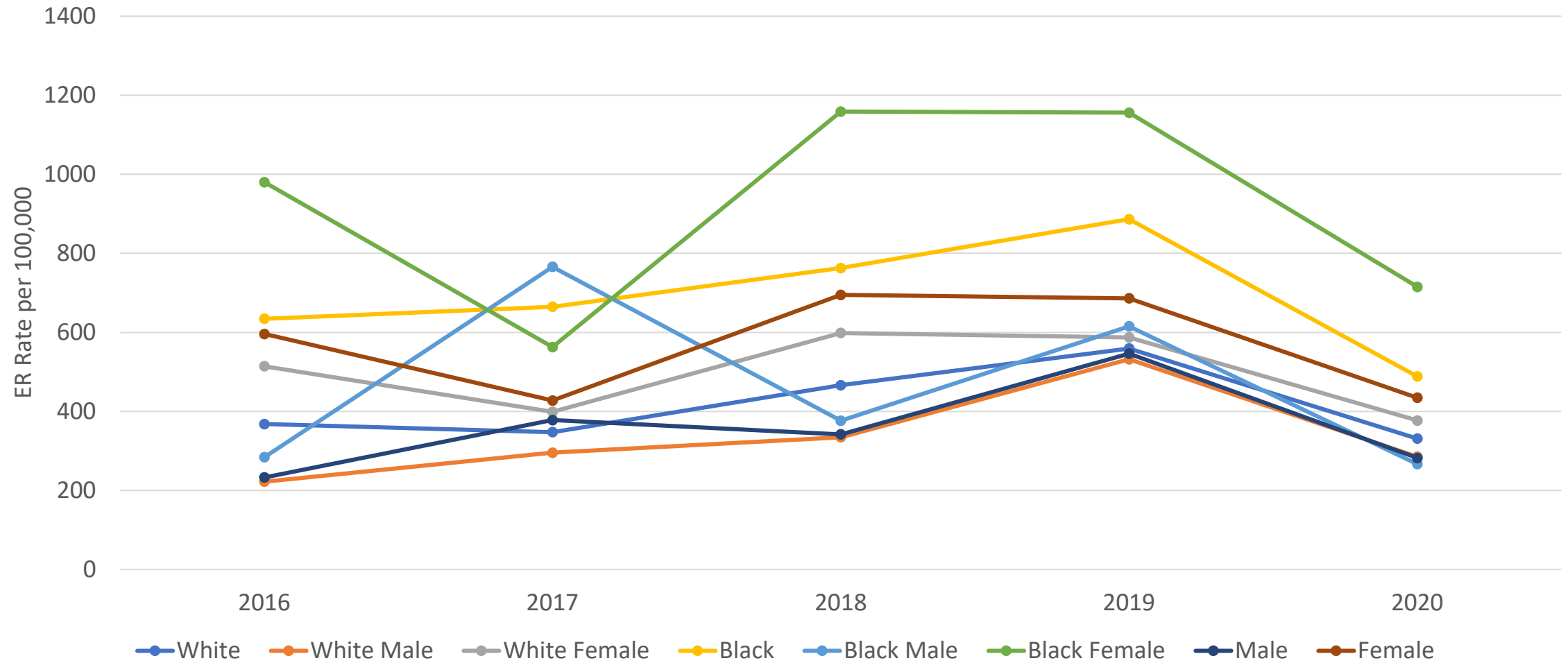
## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| Chronic Lower Respiratory Diseases | Georgia                    |                   | WCHD                       |                   | Harris County              |                 |
|------------------------------------|----------------------------|-------------------|----------------------------|-------------------|----------------------------|-----------------|
|                                    | Age-Adjusted ER Visit Rate | ER Visit Rate     | Age-Adjusted ER Visit Rate | ER Visit Rate     | Age-Adjusted ER Visit Rate | ER Visit Rate   |
|                                    | 904.4                      | 917.1             | 1,141.0                    | 1,165.0           | 428.8                      | 462.0           |
|                                    | Male<br>828.4              | Male<br>834.5     | Male<br>1,014.2            | Male<br>1,018.8   | Male<br>336.1              | Male<br>357.0   |
|                                    | Female<br>973.6            | Female<br>995.2   | Female<br>1,271.9          | Female<br>1,309.2 | Female<br>525.1            | Female<br>567.4 |
|                                    | White<br>591.2             | White<br>628.7    | White<br>631.8             | White<br>700.1    | White<br>374.0             | White<br>414.8  |
|                                    | Male<br>493.4              | Male<br>517.4     | Male<br>506.5              | Male<br>544.2     | Male<br>315.1              | Male<br>335.2   |
|                                    | Female<br>689.7            | Female<br>738.2   | Female<br>774.2            | Female<br>863.5   | Female<br>433.8            | Female<br>494.7 |
|                                    | Black<br>1,451.7           | Black<br>1,455.3  | Black<br>1,682.2           | Black<br>1,695.6  | Black<br>702.9             | Black<br>687.2  |
|                                    | Male<br>1,451.5            | Male<br>1,462.3   | Male<br>1,585.0            | Male<br>1,596.8   | Male<br>453.8              | Male<br>461.0   |
|                                    | Female<br>1,441.4          | Female<br>1,449.2 | Female<br>1,768.3          | Female<br>1,786.7 | Female<br>971.4            | Female<br>915.0 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Chronic Lower Respiratory Disease Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

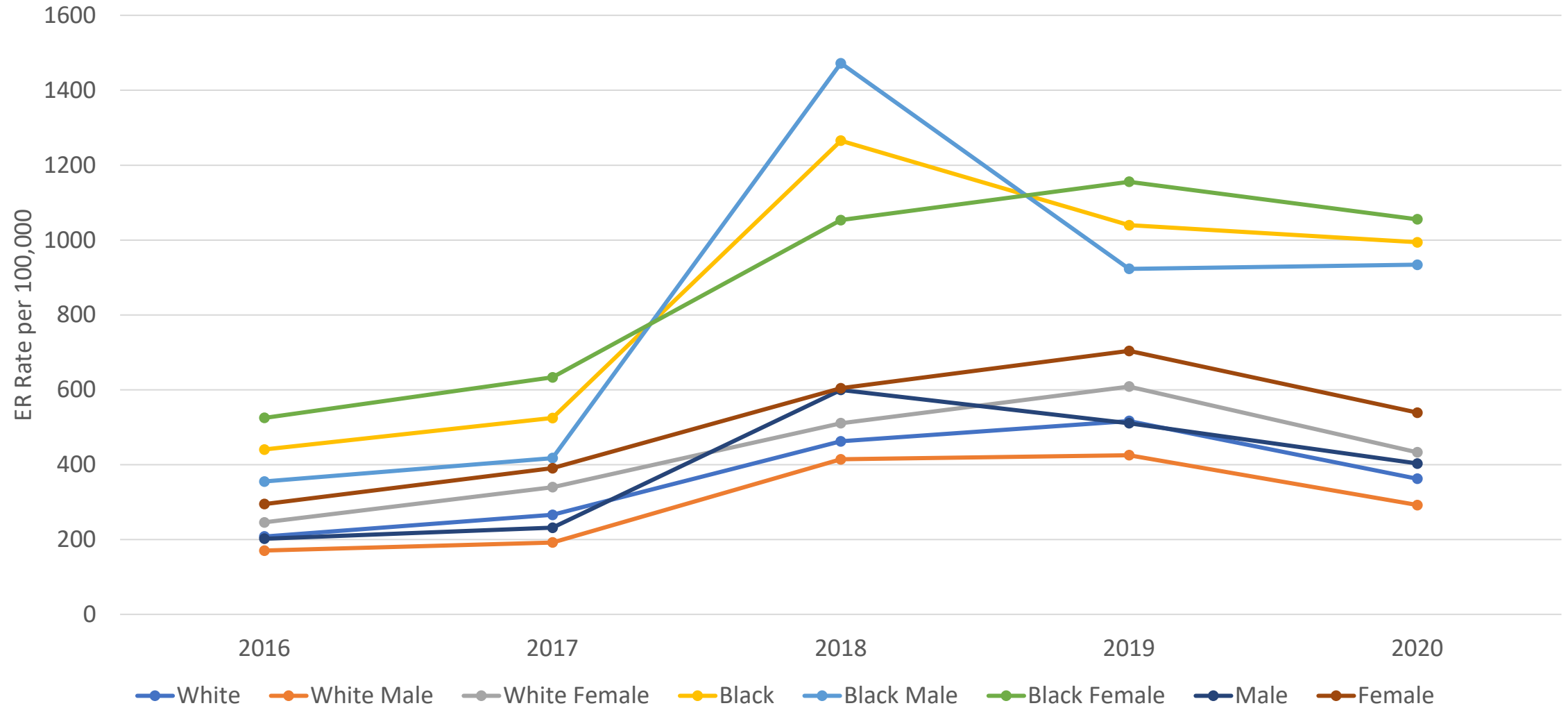
| Flu and<br>Pneumonia | Georgia                       |                   | WCHD                          |                   | Harris County                 |                 |
|----------------------|-------------------------------|-------------------|-------------------------------|-------------------|-------------------------------|-----------------|
|                      | Age-Adjusted<br>ER Visit Rate | ER Visit Rate     | Age-Adjusted<br>ER Visit Rate | ER Visit Rate     | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   |
|                      | 708.5                         | 682.1             | 727.7                         | 706.6             | 479.8                         | 450.0           |
|                      | Male<br>659.4                 | Male<br>639.9     | Male<br>640.8                 | Male<br>620.6     | Male<br>414.8                 | Male<br>391.6   |
|                      | Female<br>756.3               | Female<br>722.1   | Female<br>821.4               | Female<br>791.3   | Female<br>546.3               | Female<br>508.6 |
|                      | White<br>525.8                | White<br>503.3    | White<br>423.2                | White<br>419.7    | White<br>380.0                | White<br>364.8  |
|                      | Male<br>491.4                 | Male<br>470.0     | Male<br>369.1                 | Male<br>360.4     | Male<br>311.5                 | Male<br>300.5   |
|                      | Female<br>561.6               | Female<br>536.2   | Female<br>485.9               | Female<br>481.7   | Female<br>448.3               | Female<br>429.4 |
|                      | Black<br>1,017.9              | Black<br>1,015.8  | Black<br>1,044.3              | Black<br>1,034.0  | Black<br>983.2                | Black<br>856.4  |
|                      | Male<br>958.5                 | Male<br>976.1     | Male<br>937.5                 | Male<br>937.5     | Male<br>931.7                 | Male<br>825.7   |
|                      | Female<br>1,070.3             | Female<br>1,050.6 | Female<br>1,150.2             | Female<br>1,123.0 | Female<br>1,055.2             | Female<br>887.3 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia



## Flu and Pneumonia Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| COVID-19 | Georgia                       |                 | WCHD                          |                 | Harris County                 |                   |
|----------|-------------------------------|-----------------|-------------------------------|-----------------|-------------------------------|-------------------|
|          | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   | Age-Adjusted<br>ER Visit Rate | ER Visit Rate     |
|          | 570.8                         | 583.8           | 463.8                         | 478.6           | 403.2                         | 447.7             |
|          | Male<br>497.3                 | Male<br>506.1   | Male<br>376.4                 | Male<br>387.3   | Male<br>352.1                 | Male<br>397.3     |
|          | Female<br>643.6               | Female<br>657.2 | Female<br>558.3               | Female<br>568.6 | Female<br>457.5               | Female<br>498.5   |
|          | White<br>416.7                | White<br>444.2  | White<br>288.2                | White<br>322.9  | White<br>286.9                | White<br>334.7    |
|          | Male<br>375.8                 | Male<br>401.6   | Male<br>260.9                 | Male<br>285.3   | Male<br>265.7                 | Male<br>320.1     |
|          | Female<br>460.5               | Female<br>486.0 | Female<br>325.3               | Female<br>362.1 | Female<br>309.5               | Female<br>349.3   |
|          | Black<br>837.7                | Black<br>838.4  | Black<br>661.9                | Black<br>655.9  | Black<br>970.9                | Black<br>994.1    |
|          | Male<br>725.1                 | Male<br>708.2   | Male<br>518.7                 | Male<br>511.1   | Male<br>766.8                 | Male<br>767.2     |
|          | Female<br>938.2               | Female<br>952.6 | Female<br>797.5               | Female<br>789.2 | Female<br>1,182.4             | Female<br>1,225.7 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

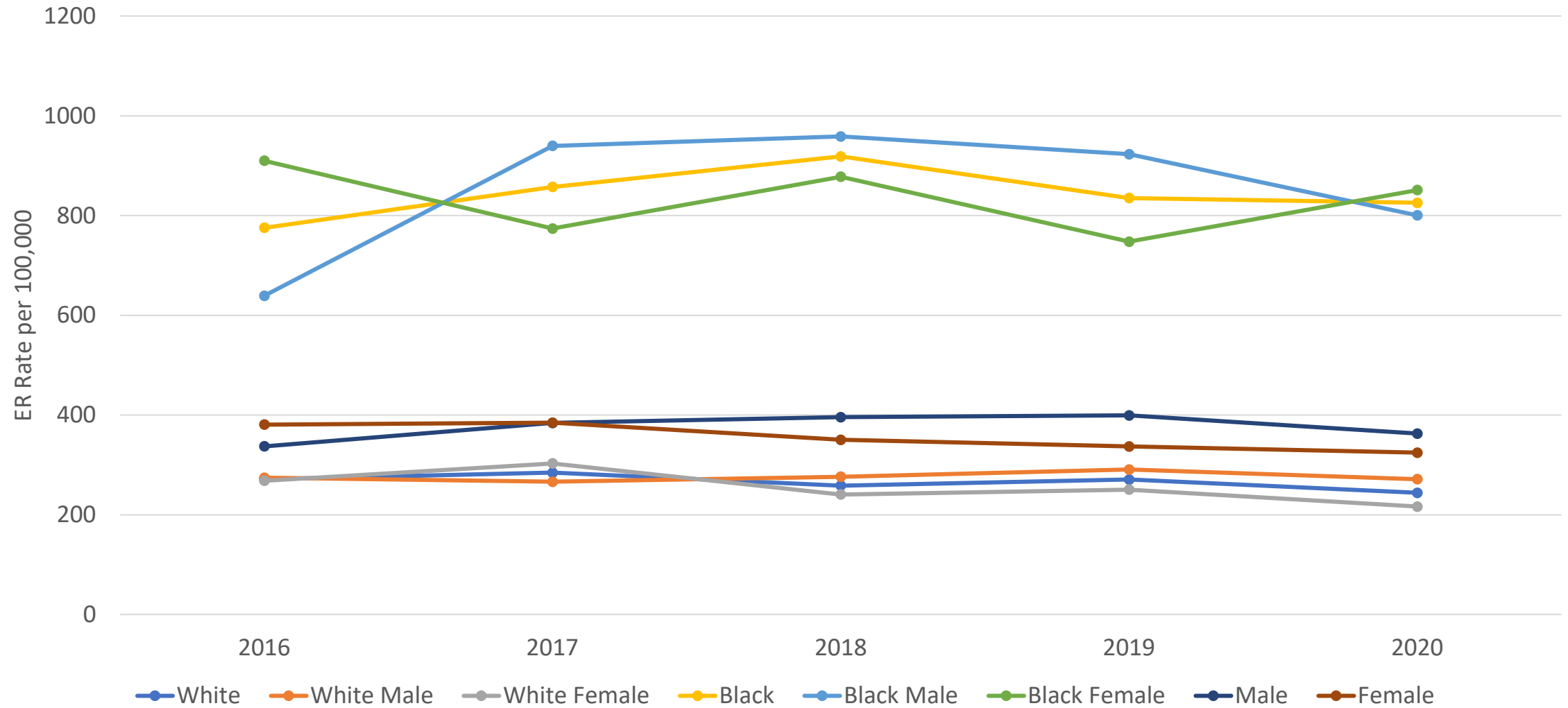
## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| Heart Disease | Georgia                       |                 | WCHD                          |                   | Harris County                 |                 |
|---------------|-------------------------------|-----------------|-------------------------------|-------------------|-------------------------------|-----------------|
|               | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   | Age-Adjusted<br>ER Visit Rate | ER Visit Rate     | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   |
|               | 525.9                         | 560.3           | 697.6                         | 737.7             | 299.7                         | 365.6           |
|               | Male<br>527.5                 | Male<br>544.1   | Male<br>695.4                 | Male<br>703.6     | Male<br>321.3                 | Male<br>376.1   |
|               | Female<br>522.7               | Female<br>575.6 | Female<br>698.3               | Female<br>770.3   | Female<br>281.2               | Female<br>355.1 |
|               | White<br>350.0                | White<br>406.8  | White<br>348.2                | White<br>421.5    | White<br>208.7                | White<br>265.6  |
|               | Male<br>371.0                 | Male<br>414.8   | Male<br>370.0                 | Male<br>414.8     | Male<br>219.7                 | Male<br>275.9   |
|               | Female<br>328.2               | Female<br>398.9 | Female<br>322.9               | Female<br>428.6   | Female<br>200.6               | Female<br>255.3 |
|               | Black<br>889.2                | Black<br>846.7  | Black<br>1,121.7              | Black<br>1,098.6  | Black<br>735.2                | Black<br>842.6  |
|               | Male<br>881.7                 | Male<br>800.0   | Male<br>1,124.9               | Male<br>1,057.5   | Male<br>795.8                 | Male<br>853.2   |
|               | Female<br>890.9               | Female<br>887.8 | Female<br>1,117.0             | Female<br>1,136.4 | Female<br>675.9               | Female<br>831.8 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

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Heart Disease Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



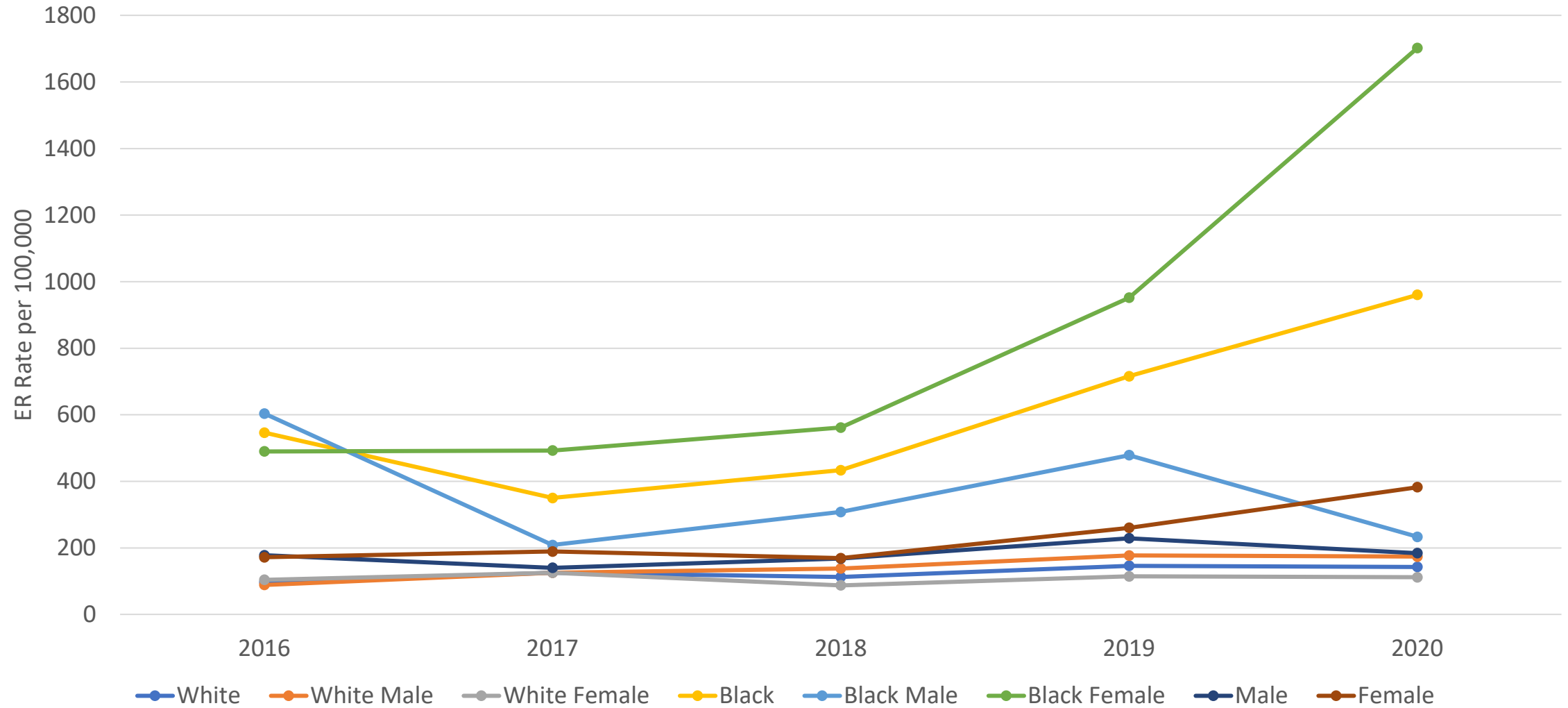
## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| Diabetes | Georgia                       |                 | WCHD                          |                 | Harris County                 |                 |
|----------|-------------------------------|-----------------|-------------------------------|-----------------|-------------------------------|-----------------|
|          | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   | Age-Adjusted<br>ER Visit Rate | ER Visit Rate   |
|          | 313.4                         | 327.9           | 438.4                         | 456.0           | 193.4                         | 208.2           |
|          | Male<br>304.7                 | Male<br>312.2   | Male<br>379.4                 | Male<br>387.1   | Male<br>174.8                 | Male<br>180.3   |
|          | Female<br>322.6               | Female<br>342.7 | Female<br>500.0               | Female<br>523.9 | Female<br>215.6               | Female<br>236.3 |
|          | White<br>192.8                | White<br>208.4  | White<br>219.2                | White<br>241.2  | White<br>108.3                | White<br>125.2  |
|          | Male<br>191.8                 | Male<br>204.9   | Male<br>200.7                 | Male<br>222.8   | Male<br>138.0                 | Male<br>141.6   |
|          | Female<br>195.2               | Female<br>211.9 | Female<br>244.3               | Female<br>260.4 | Female<br>82.0                | Female<br>108.8 |
|          | Black<br>567.2                | Black<br>550.7  | Black<br>706.1                | Black<br>701.2  | Black<br>610.6                | Black<br>604.3  |
|          | Male<br>567.4                 | Male<br>524.7   | Male<br>615.4                 | Male<br>587.3   | Male<br>350.5                 | Male<br>364.7   |
|          | Female<br>569.0               | Female<br>573.6 | Female<br>788.2               | Female<br>806.1 | Female<br>887.0               | Female<br>845.7 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

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Diabetes Hospital ER Rates, Harris County, by Race and Sex, 2016-2020



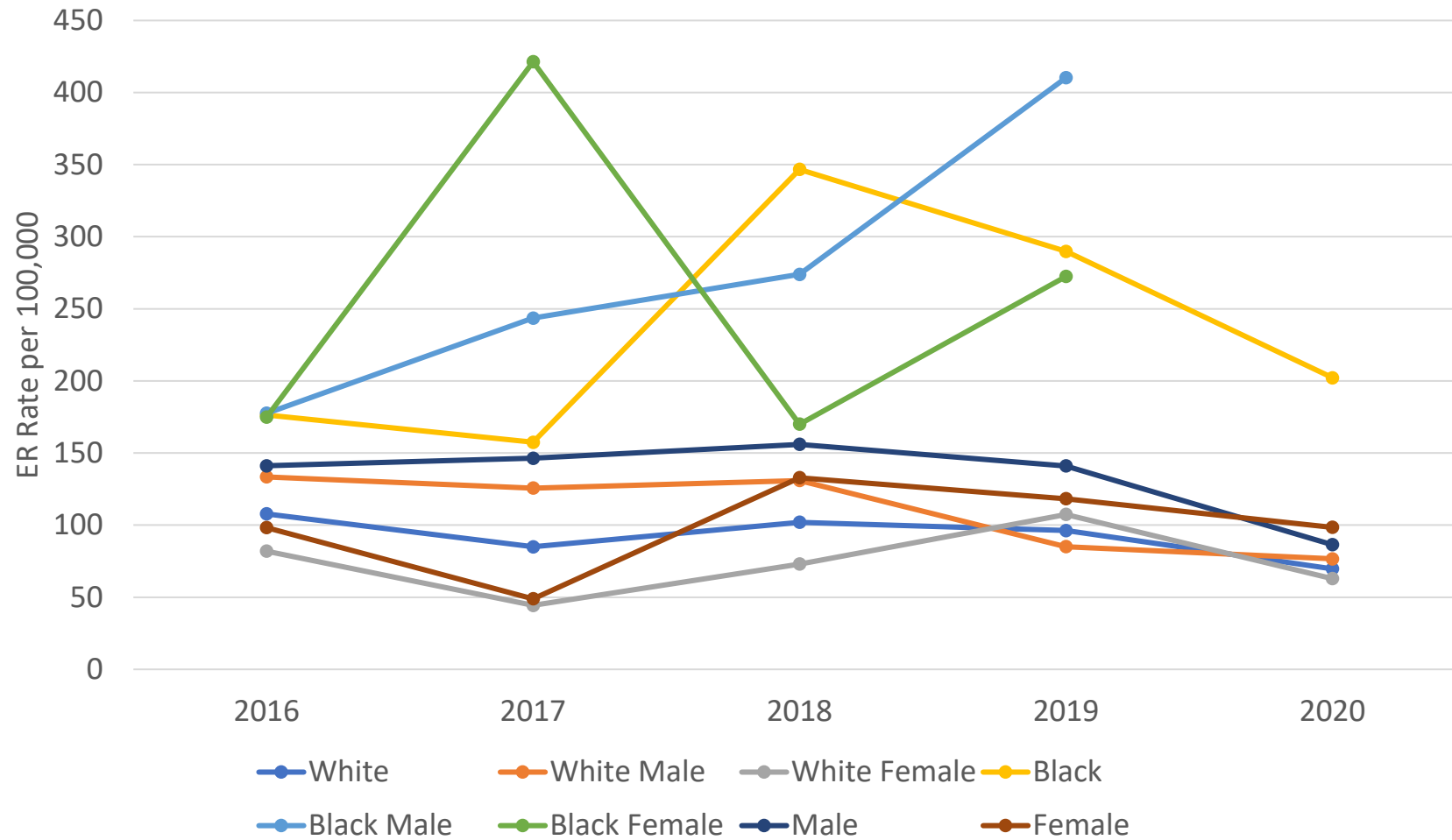
## Leading Causes of ER Visits by Sex and Race, Harris County, 2016-2020

| Homicide | Georgia  |  | WCHD   |  | Harris County                                      |  |
|----------|--|--|--|--|--|--|
|          | Age-Adjusted<br>ER Visit Rate                      | ER Visit Rate                                      | Age-Adjusted<br>ER Visit Rate                      | ER Visit Rate                                      | Age-Adjusted<br>ER Visit Rate                      | ER Visit Rate                                      |
|          | 241.7  | 235.8  | 343.1  | 332.9  | 134.9  | 116.7  |
|          | Male<br>268.8<br>Female<br>215.9                   | Male<br>267.8<br>Female<br>205.4                   | Male<br>382.9<br>Female<br>305.3                   | Male<br>386.3<br>Female<br>280.1                   | Male<br>149.9<br>Female<br>119.6                   | Male<br>133.7<br>Female<br>99.6                    |
|          | White<br>139.1<br>Male<br>149.3<br>Female<br>128.7 | White<br>131.7<br>Male<br>145.2<br>Female<br>118.4 | White<br>195.3<br>Male<br>218.8<br>Female<br>170.9 | White<br>184.6<br>Male<br>218.2<br>Female<br>149.4 | White<br>107.7<br>Male<br>125.7<br>Female<br>89.0  | White<br>91.9<br>Male<br>109.8<br>Female<br>74.0   |
|          | Black<br>414.8<br>Male<br>491.1<br>Female<br>351.1 | Black<br>430.0<br>Male<br>510.7<br>Female<br>359.1 | Black<br>499.3<br>Male<br>575.2<br>Female<br>431.0 | Black<br>502.1<br>Male<br>591.1<br>Female<br>420.0 | Black<br>252.6<br>Male<br>260.3<br>Female<br>247.1 | Black<br>234.8<br>Male<br>247.7<br>Female<br>221.8 |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia

Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

## Homicide Hospital ER Rates, Harris County, by Race and Sex, 2016-2020





# Sexually Transmitted Infections

# Sexually Transmitted Infections

| Age-Adjusted STD Rate per 100,000, 2016-2020 |         |       |        |
|--|---------|-------|--------|
|  | Georgia | WCHD  | Harris |
| Chlamydia                                    | 615.2   | 749.0 | 341.7  |
| Gonorrhea                                    | 208.4   | 269.4 | 88.4   |
| Syphilis                                     | 48.3    | 24.2  | 7.9    |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia  
Numbers highlighted in **Blue** indicate rates <10% compared to Georgia

# Notifiable Disease Reporting

# Maternal and Child Health

# Maternal Characteristics, Harris County, 2016-2020

|                |                 | All Races |       |        | White   |      |        | Black   |       |        |
|----------------|-----------------|-----------|-------|--------|---------|------|--------|---------|-------|--------|
| Pregnancy Rate |                 | Georgia   | WCHD  | County | Georgia | WCHD | County | Georgia | WCHD  | County |
|                | All Ages        | 48.8      | 53.1  | 34.4   | 42.6    | 46.5 | 33.1   | 56.0    | 58.6  | 40.9   |
|                | < 20 years old  | 14.3      | 19.8  | 6.8    | 11.4    | 12.2 | 6.3    | 19.2    | 27.3  | 11.5   |
|                | 20-39 years old | 100.5     | 105.8 | 86.0   | 90.7    | 96.8 | 84.1   | 110.4   | 112.2 | 96.8   |
|                | >39 years old   | 4.8       | 3.1   | 2.7    | 3.8     | 3.0  | 2.7    | 5.5     | 3.1   | 3.0    |

|            |                 | All Races |      |        | White   |      |        | Black   |      |        |
|------------|-----------------|-----------|------|--------|---------|------|--------|---------|------|--------|
| Birth Rate |                 | Georgia   | WCHD | County | Georgia | WCHD | County | Georgia | WCHD | County |
|            | All Ages        | 38.2      | 42.9 | 31.1   | 37.9    | 42.4 | 31.1   | 38.6    | 43.2 | 32.1   |
|            | < 20 years old  | 10.5      | 15.5 | 5.2    | 9.6     | 10.3 | 4.9    | 12.9    | 21.0 | 8.6    |
|            | 20-39 years old | 79.2      | 85.8 | 78.2   | 81.2    | 88.8 | 79.8   | 76.4    | 82.5 | 75.5   |
|            | >39 years old   | 3.4       | 2.4  | 2.4    | 3.1     | 2.6  | 2.3    | 3.6     | 2.0  | 3.0    |

|                     |                 | All Races |      |        | White   |      |        | Black   |      |        |
|---------------------|-----------------|-----------|------|--------|---------|------|--------|---------|------|--------|
| Induced Termination |                 | Georgia   | WCHD | County | Georgia | WCHD | County | Georgia | WCHD | County |
|                     | All Ages        | 8.9       | 9.0  | 2.9    | 3.3     | 3.5  | 1.8    | 15.3    | 13.5 | 7.2    |
|                     | < 20 years old  | 3.3       | 3.7  | 1.5    | 1.4     | 1.6  | 1.4    | 5.6     | 5.6  | *      |
|                     | 20-39 years old | 17.9      | 17.6 | 6.6    | 6.7     | 6.9  | 3.8    | 30.1    | 26.2 | 17.2   |
|                     | >39 years old   | 0.9       | 0.6  | 0.2    | 0.4     | 0.3  | *      | 1.3     | 0.8  | *      |

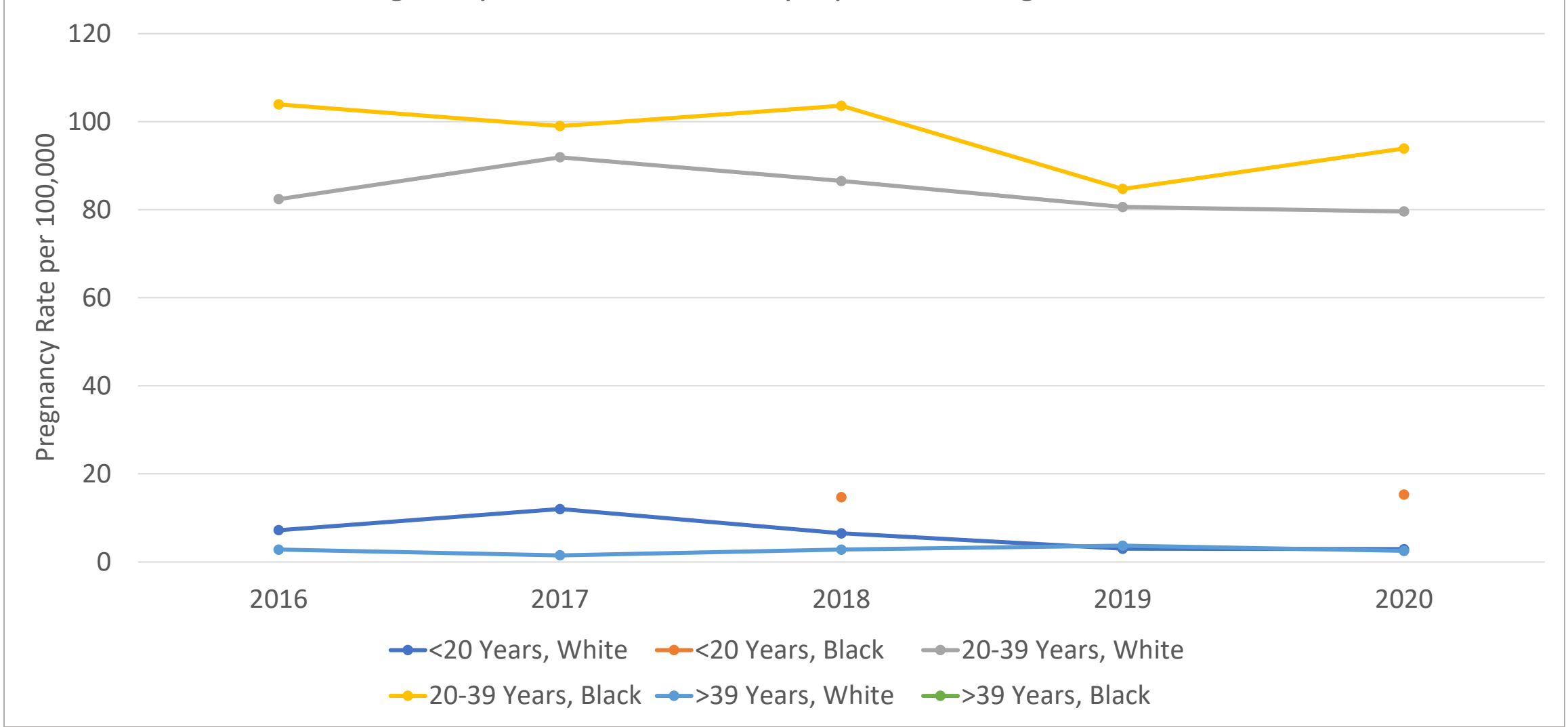
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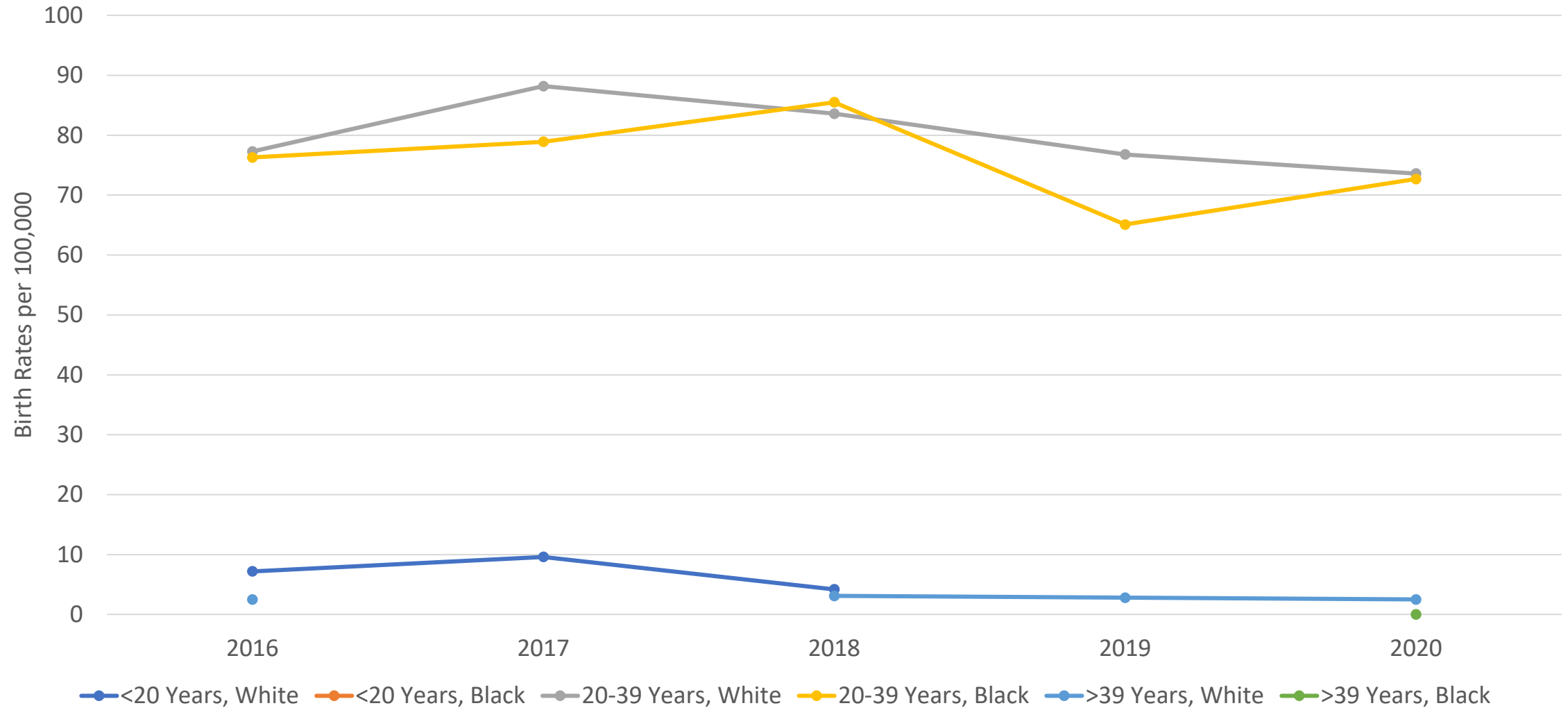
Rates that have less than 5 events have been indicated with an \*

Rates per 1,000

Pregnancy Rates, Harris County, by Race and Age, 2016-2020



Birth Rates, Harris County, by Race and Age, 2016-2020



# Delivery Characteristics, Harris County, 2016-2020

|                       |                 | All Races |      |        | White   |      |        | Black   |      |        |
|-----------------------|-----------------|-----------|------|--------|---------|------|--------|---------|------|--------|
| Percent Premature (%) | Maternal Age    | Georgia   | WCHD | County | Georgia | WCHD | County | Georgia | WCHD | County |
|                       | All Ages        | 11.4      | 13.2 | 13.6   | 9.9     | 11.0 | 12.8   | 14.2    | 15.8 | 19.1   |
|                       | < 20 years old  | 11.3      | 13.1 | 23.2   | 10.4    | 11.5 | 22.0   | 12.6    | 13.5 | *      |
|                       | 20-39 years old | 11.2      | 13.0 | 12.6   | 9.7     | 10.7 | 12.0   | 14.2    | 15.8 | 17.3   |
|                       | >39 years old   | 16.6      | 25.3 | 30.6   | 14.9    | 23.1 | 26.3   | 19.8    | 27.6 | 50.0   |

|                             |                 | All Races |      |        | White   |      |        | Black   |      |        |
|-----------------------------|-----------------|-----------|------|--------|---------|------|--------|---------|------|--------|
| Percent Low Birthweight (%) | Maternal Age    | Georgia   | WCHD | County | Georgia | WCHD | County | Georgia | WCHD | County |
|                             | All Ages        | 9.9       | 11.8 | 7.8    | 7.2     | 7.6  | 6.3    | 14.3    | 16.1 | 15.6   |
|                             | < 20 years old  | 11.7      | 13.8 | 12.5   | 8.9     | 9.8  | *      | 15.0    | 15.5 | *      |
|                             | 20-39 years old | 9.7       | 11.5 | 7.4    | 7.0     | 7.4  | 5.9    | 14.2    | 16.1 | 15.2   |
|                             | >39 years old   | 13.0      | 18.8 | 14.3   | 10.3    | 15.3 | 13.2   | 17.4    | 22.4 | *      |

|                                  |                 | All Races |      |        | White   |      |        | Black   |      |        |
|----------------------------------|-----------------|-----------|------|--------|---------|------|--------|---------|------|--------|
| Percent Very Low Birthweight (%) | Maternal Age    | Georgia   | WCHD | County | Georgia | WCHD | County | Georgia | WCHD | County |
|                                  | All Ages        | 1.8       | 2.6  | 1.7    | 1.1     | 1.3  | 1.4    | 3.0     | 3.4  | 3.4    |
|                                  | < 20 years old  | 2.0       | 2.7  | *      | 1.5     | 2.3  | *      | 2.6     | 3.0  | *      |
|                                  | 20-39 years old | 1.8       | 2.3  | 1.5    | 1.1     | 1.3  | 1.2    | 3.0     | 3.5  | 3.0    |
|                                  | >39 years old   | 2.5       | 2.6  | *      | 1.5     | 2.2  | *      | 4.0     | *    | 0.0    |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia  
 Numbers highlighted in **Blue** indicate rates <10% compared to Georgia  
 Rates that have less than 5 events have been indicated with an \*

Rates per 1,000



# Infant Mortality Rates, Harris County, 2016-2020

|                                | All Races |      |        | White   |      |        | Black   |      |        |
|--------------------------------|-----------|------|--------|---------|------|--------|---------|------|--------|
|                                | Georgia   | WCHD | County | Georgia | WCHD | County | Georgia | WCHD | County |
| <b>Infant Mortality</b>        | 7.0       | 9.7  | 7.2    | 5.0     | 5.5  | 5.8    | 11.0    | 14.5 | *      |
| <b>Neonatal Mortality</b>      | 4.6       | 6.5  | 4.6    | 3.2     | 3.9  | *      | 7.2     | 9.8  | *      |
| <b>Post Neonatal Mortality</b> | 2.4       | 3.2  | *      | 1.7     | 1.7  | *      | 3.8     | 4.8  | *      |

Note: Numbers highlighted in **Yellow** indicate rates >10% compared to Georgia  
 Numbers highlighted in **Blue** indicate rates <10% compared to Georgia  
 Rates that have less than 5 events have been indicated with an \*  
 Rater per 1,000

# Appendix

# Appendix

## County Health Ranking Measures

**Premature Death:** Years of potential life lost before age 75 per 100,000 population (age-adjusted)

Data Source: National Vital Statistics System, 2018-2020

Weight in Health Outcomes: 50%

**Poor or Fair Health:** Percentage of adults reporting fair or poor health (age-adjusted)

Data Source: Behavioral Risk Factor Surveillance System, 2019

Weight in Health Outcomes: 10%

**Poor Physical Health Days:** Average number of physically unhealthy days reported in past 30 days (age-adjusted)

Data Source: Behavioral Risk Factor Surveillance System, 2019

Weight in Health Outcomes: 10%

**Poor Mental Health Days:** Average number of mentally unhealthy days reported in past 30 days (age-adjusted)

Data Source: Behavioral Risk Factor Surveillance System, 2019

Weight on Health Outcomes: 10%

**Adult Obesity:** Percentage of adults that report a BMI of 30 or more

Data Source- CDC Diabetes Interactive Atlas, 2019

Weight in Health Factors: 5%

**Physical Inactivity:** Percentage of adults age 20 and over reporting no leisure-time physical activity

Data Source- CDC Diabetes Interactive Atlas, 2019

Weight in Health Factors: 2%

**Adult Smoking:** Percentage of adults who are current smokers

Data Source: Behavioral Risk Factor Surveillance System, 2019

Weight in Health Factors: 10%

**Excessive Drinking:** Percentage of adults reporting binge or heavy drinking

Data Source: Behavioral Risk Factor Surveillance System, 2019

Weight in Health Factors: 2.5%

# Appendix

## County Health Ranking Measures (cont)

**Alcohol-Impaired Driving Deaths:** Percentage of driving deaths with alcohol involvement

Data Source: Fatality Analysis Reporting System (FARS), 2016-2020

Weight in Health Factors: 2.5%

**Food Environment Index:** Index of factors that contribute to a healthy food environment, 0 (worst)- 10 (best)

Data Source: United States Department Of Agriculture (USDA) Food Environment Atlas, 2019

Weight in Health Factors: 2%

**Access to Exercise Opportunities:** Percentage of population with adequate access to locations of physical activity

Data Source: ArcGIS Business Analyst with data from DeLormeMap Mart and GIS public use data, 2010 & 2021

Weight in Health Factors: 1%

**Uninsured:** Percentage of population under age 65 without health insurance

Data Source: United States Census Bureau's Small Area Health Insurance Estimates (SAHIE), 2019

Weight in Health Factors: 5%

**Primary Care Physicians:** Ratio of population to primary care physicians

Data Source: Area Health Resource File, 2019

Weight in Health Factors: 3%

**Mental Health Providers:** Ratio of population to mental health providers

Data Source: Centers for Medicare and Medicaid Services', National Provider Identification, 2021

Weight in Health Factors: 1%

**Dentists:** Ratio of population to dentists

Data Source: Area Health Resource File, 2020

Weight in Health Factors: 1%

# Appendix

## County Health Ranking Measures (cont)

**Air Pollution:** Average of daily density of fine particulate matter in micrograms per cubic meter (PM2.5)

Data Source: Center for Disease Control and Prevention's National Environmental Public Health Tracking Network, 2018

Weight in Health Factors: 2.5%

**Severe Housing Problems:** Percentage of households with at least 1 of the 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities

Data Source: United States Department of Housing and Urban Development's Comprehensive Housing Affordability Strategy Data, 2014-2018

Weight in Health Factor: 2%

# Appendix

## Oasis Definitions

### **Age-Adjusted Rates**

A weighted average of the age-specific discharge rates, where the weights are the proportions of persons in the corresponding age groups of a standard population. The calculation of an Age-Adjusted Rate uses the year 2000 U.S. standard million. Benefit: Controls for differences in age structure so that observed differences in rates across areas such as counties are not due solely to differences in the proportion of people in different age groups in different areas. Rates that use Census Population Estimates in the denominator are unable to be calculated when the selected population is Unknown.

### **Death Rate**

Formula =  $[\text{Number of Deaths} / \text{Population}] * 100,000$ . Rates that use Census Population Estimates in the denominator are unable to be calculated when the selected population is Unknown.

### **Deduplicated Discharges**

The number of persons discharged live from non-Federal acute-care inpatient facilities (Hospitals) for illness. Only discharges of Georgia residents who were seen in a Georgia facility are included. Persons are counted only once if readmitted for the same chronic condition during a calendar year. Deduplicated Discharges also excludes people discharged dead, healthy newborn infants, and healthy mothers giving birth to newborn infants. Since the number and rate are derived only from hospitalizations, they do not include all existing cases (prevalence) or new cases (incidence) among residents of Georgia.

### **Deduplicated Discharge Rate**

Formula =  $[\text{Number of Deduplicated Discharges} / \text{Population}] * 100,000$ . Rates that use Census Population Estimates in the denominator are unable to be calculated when the selected population is Unknown.

### **Emergency Room Visits (ER Visits)**

The number of emergency room visits to non-Federal acute care inpatient facilities. Only discharges of Georgia residents who were seen in a Georgia facility are included. Persons can be counted more than once if readmitted. Visits include people both living and who have died, but not those admitted as an inpatient to a hospital.

### **Emergency Room Visit (ER Visit) Rate**

Formula =  $[\text{Number of ER Visits} / \text{Population}] * 100,000$ .

# Appendix

## Oasis Definitions

### **Induced Termination of Pregnancy (ITOP)**

The purposeful interruption of pregnancy with the intention other than to: 1) produce a live-born infant; or 2) to remove a dead fetus. An induced termination of pregnancy does not result in a live birth.

### **Induced Termination of Pregnancy (ITOP) Rate**

The number of induced terminations of pregnancy that occur per 1,000 females per specified age group. All ages includes ages 10-55.

### **Infant Mortality Rate**

Formula = [Number of infant deaths / Live births] \* 1,000.

### **International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)**

A statistical classification system, in use since 1979, that arranges diseases and injuries into groups according to established criteria. It is used to improve comparability of cause of death statistics reported by different governmental entities. Most ICD-9-CM codes are numeric and consist of three, four or five numbers and a description. The codes are revised approximately every 10 years by the World Health Organization and annual updates are published by the Health Care Financing Administration (HCFA), now the Center for Medicare, Medicaid Services.

### **International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM) vs. ICD10**

The National Center for Health Statistics (NCHS), the Federal agency responsible for use of the International Statistical Classification of Diseases and Related Health Problems, 10th revision (ICD-10) in the United States, has developed a clinical modification (CM) of the classification for morbidity (hospital and ER data) purposes. The ICD-10 is used to code and classify mortality data from death certificates, having replaced ICD-9 for this purpose as of January 1, 1999. ICD-10-CM is the replacement for ICD-9-CM, effective October 1, 2015 in discharge and ER data.

The ICD-10 is copyrighted by the World Health Organization (WHO). WHO has authorized the development of an adaptation of ICD-10 for use in the United States (ICD-10-CM). All modifications to the ICD-10 must conform to WHO conventions for the ICD. <https://www.cdc.gov/nchs/icd/icd10cm.htm>

# Appendix

## Oasis Definitions

### **Low Birthweight Births**

Live births of a birthweight less than 2500 grams (5lbs. 8oz.) per 100 live births

### **Neonatal Period**

The period from birth to 27 days of age.

### **Pregnancy**

A pregnancy is a human conception that results in a live birth, fetal death or an induced termination of pregnancy. The total number of conceptions that result in one or more live births, fetal deaths (of all gestational ages), or induced terminations of pregnancy are used to sum the total number of pregnancies. Therefore, Ectopic and Molar pregnancies are not included, and conceptions that result in multiple births (twins, triplets, etc.) are counted as one pregnancy.

### **Premature Live Births**

The number of live births with a gestational age less than 37 weeks, per 100 live births. Gestational age is expressed in completed weeks.

### **Postneonatal Period**

The period after birth 28 through 364 days of age.

### **Race**

Per the Federal Office of Management and Budget, Directive 15 (1997),

White is a person having origins in any of the original peoples of Europe, the Middle East or North Africa;

Black or African-American is a person having origins in any of the black racial groups of Africa;

Multiracial is a person declaring 2 or more races.

In some cases, the numerator's race classification may be more precise, or up to date, than the Census population estimate counterpart used in the denominator.



# Appendix

## Oasis Definitions

### **Very Low Birthweight Births**

Live births with a birthweight less than 1,500 grams (3lbs. 5oz.)

### **Years of Potential Life Lost 75 (YPLL 75)**

YPLL 75 represents the number of years of potential life lost due to death before age 75, as a measure of premature death. The YPLL 75 Rate is the years of potential life lost before age 75 that occur per 100,000 population less than 75 years of age. Formula = [Total Years of Life Lost before age 75 / Population less than 75 years old] \* 100,000.

# Appendix

## Oasis Detailed Cause Definitions

### **Bone and Muscle Diseases**

Diseases of the musculoskeletal system and connective tissue. 13% are due to osteomyelitis, unspecified. 10% are due to systemic lupus erythematosus (SLE) with organ or system involvement. 9% are due to rheumatoid arthritis, unspecified.

### **Cancers**

The uncontrolled growth of abnormal cells which have mutated from normal tissues. Cancer can kill when these cells prevent normal function of affected vital organs or spread throughout the body to damage other key systems. Cancers included are oral cancer, throat cancer, stomach cancer, colon cancer, liver cancer, pancreatic cancer, lung cancer, skin cancer, breast cancer, cervical cancer, uterine cancer, ovarian cancer, prostate cancer, testicular cancer, bladder cancer, kidney cancer, brain cancer, lymph cancer (Hodgkin's Disease), and leukemia.

### **Chronic Lower Respiratory Diseases**

Diseases related to the process or organs involved in breathing. Diseases included are bronchitis, emphysema, asthma, and all other chronic lower respiratory diseases. Of all other chronic lower respiratory diseases, 86% are due to chronic obstructive pulmonary disease (COPD), unspecified.

### **Digestive System Diseases**

Includes diseases associated with the organs necessary for the digestion of food. Diseases included are alcoholic liver disease and all other chronic liver disease and cirrhosis. Of all other chronic liver disease and cirrhosis, 98% are due to other and unspecified cirrhosis of the liver.

### **Fetal and Infant Conditions**

Conditions to the fetus/child associated with the period of time near birth. Conditions included are prematurity, lack of oxygen to the fetus, respiratory distress syndrome, and birth-related infections. Of birth-related infections, 69% are due to bacterial sepsis of newborn, unspecified.

### **Heart Disease**

Diseases related to the major parts of the circulatory system. Diseases included are high blood pressure (hypertension), rheumatic fever and heart diseases, hypertensive heart disease, obstructive heart diseases (ischemic heart diseases, includes heart attack), hardening of the arteries, and aortic aneurysm and dissection.

# Appendix

## Oasis Detailed Cause Definitions

### **Mental and Behavioral Disorders**

Any of a series of mental and behavioral disorders, which may be developmental or brought on by external factors. Disorders included are those related to drug use and all other mental and behavioral disorders. Of all other mental and behavioral disorders, 86% are due to unspecified dementia and 10% are due to vascular dementia, unspecified.

### **Nervous System Diseases**

Includes diseases of the central and peripheral nervous systems, including degenerative conditions of the nervous systems. Diseases included are Alzheimer's Disease, Parkinson's Disease, and all other diseases of the nervous system. Of all other diseases of the nervous system, 38% are due to senile degeneration of brain, not elsewhere classified.

### **Reproductive and Urinary System Diseases**

Diseases relating to the organs of reproduction and urination. Diseases included are kidney diseases, kidney infections, and all other diseases of the genitourinary system. Of all other diseases of the genitourinary system, 51% are due to urinary tract infection, site not specified.

### **Unintentional Injury**

All causes that affect the human body that originate from an external source. Causes included are motor vehicle crashes, falls, accidental shooting, drowning, fire and smoke exposure, poisoning, and all other unintentional injury. Of all other unintentional injury, 28% are due to exposure to unspecified factor and unspecified place. 16% are due to exposure to unspecified factor at home.

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