Covid-19 outbreak situation report

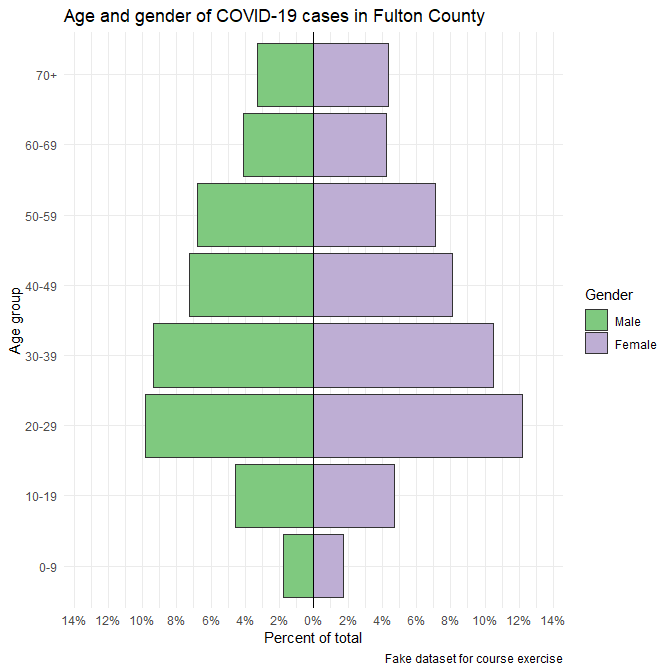
Case study exercise for Applied Epi R course

21 June 2021

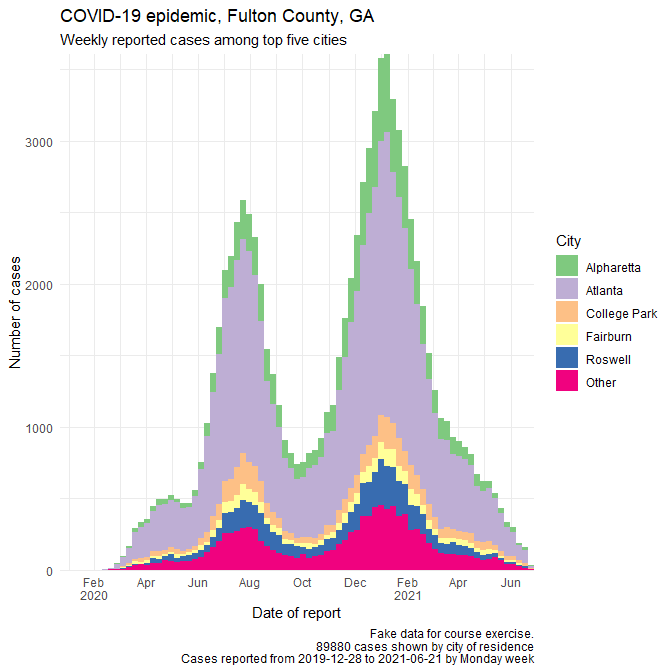
# Summary

* As of June 21 2021, Fulton County has recorded 89880 confirmed cases of COVID-19.
* As of June 21 2021, Fulton County has recorded 1869 (2.1%) deaths.
* Among all confirmed cases of COVID-19 in Fulton County, 5872 (6.5%) required hospitalization.

# Demographics



# Weekly epidemic curve by city



## Table of race and hospitalization

| Characteristic | No, N = 48,6051 | Yes, N = 5,8721 | p-value2 |
| --- | --- | --- | --- |
| race |  |  | <0.001 |
| Ai/An | 48 (96%) | 2 (4.0%) |  |
| Asian | 2,052 (95%) | 110 (5.1%) |  |
| Black | 21,268 (85%) | 3,866 (15%) |  |
| Other | 3,276 (91%) | 318 (8.8%) |  |
| White | 20,198 (93%) | 1,489 (6.9%) |  |
| Unknown | 1,763 | 87 |  |
| 1n (%) | | | |
| 2Pearson's Chi-squared test | | | |

# Cumulative case incidence by city, per 10,000 population

| City | Total cases | Cases in last 14 days | Cumulative incidence per 10,000 |
| --- | --- | --- | --- |
| College Park | 5,680 | 36 | 4,077.5 |
| Fairburn | 3,291 | 16 | 1,996.6 |
| Hapeville | 1,185 | 4 | 1,808.3 |
| Alpharetta | 11,719 | 36 | 1,780.5 |
| Palmetto | 628 | 1 | 1,238.4 |
| Atlanta | 51,615 | 200 | 1,035.0 |
| Union City | 2,186 | 11 | 814.8 |
| Roswell | 6,741 | 17 | 726.1 |
| East Point | 2,559 | 12 | 667.1 |
| Duluth | 1,365 | 1 | 428.3 |
| Sandy Springs | 2,911 | 5 | 269.3 |