Coronavirus Disease 2019 (COVID-19)  
Fayette County Public Health  
Epidemiological Update  
August 24, 2020

<table>
<thead>
<tr>
<th>Community Cases</th>
<th>170</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confirmed Cases</td>
<td>155</td>
</tr>
<tr>
<td>Probable Cases</td>
<td>15</td>
</tr>
<tr>
<td>Antibody Testing*</td>
<td>0</td>
</tr>
<tr>
<td>Antigen Testing*</td>
<td>9</td>
</tr>
<tr>
<td>Long-Term Care Facilities Cases</td>
<td>9</td>
</tr>
<tr>
<td>Median Age (Years)</td>
<td>46.5</td>
</tr>
<tr>
<td>Average Age (Years)</td>
<td>46.2</td>
</tr>
<tr>
<td>Minimum Age (Years)</td>
<td>1</td>
</tr>
<tr>
<td>Maximum Age (Years)</td>
<td>89</td>
</tr>
<tr>
<td>Range of Illness Onset Dates</td>
<td>March 6, 2020 – August 20, 2020</td>
</tr>
</tbody>
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*This only includes antibody or antigen testing that has been authorized by the FDA under an emergency use authorization for use by authorized laboratories

Sex of Cases:  
- Female: 58.8%  
- Male: 41.2%

Health Status of Cases:  
- Deaths: 3  
- Asymptomatic: 16  
- Hospitalization Required (during illness): 18  
- Recovered (released from isolation): 136  
- Actively Ill (in isolation): 34  
- Case Count: 170

Data as of 8/24/2020
Severity of Illness Among COVID-19 Cases Reported in Fayette County

- Asymptomatic: 8%
- Mild: 79%
- Moderate: 11%
- Severe: 2%
- Asymptomatic: 8%

Mild illness includes those who were able to recover at home.
Moderate illness includes cases who required hospitalization.

Percentage of Fayette County COVID-19 Cases by Age Group

Data as of 8/24/2020
Genitourinary Disorders includes kidney stones
Endocrine Disorders include Graves' Disease and Diabetes
Musculoskeletal Disorders includes Fibromyalgia
Respiratory Disorders include chronic lung disease (Asthma/Emphysema/COPD/Bronchitis) and being a former or current smoker
Cardiovascular Disorders includes hypertension and arrhythmia

Occupational exposures include those working in the following settings: health care, first responder.
Community acquired denotes unknown source of exposure.
Associated with an Outbreak refers to two or more cases linked to a common source of exposure.

Data as of 8/24/2020
Epidemiological Curve of Confirmed COVID-19 Cases in Fayette County by Illness Onset Date

Cases for whom an illness onset date is not available are not illustrated. This may be due to the case not yet being interviewed or the case testing positive without experiencing any symptoms.

Data as of 8/24/2020
To be released from isolation a person must meet the following criteria:

1. Be fever free for at least 24 hours (no fever without the use of medicine that reduces fevers)  
   -AND-  
2. Have improvement of symptoms (for example, cough or shortness of breath have improved)  
   -AND-  
3. At least 10 days have passed symptoms first began

For more information please visit: https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/end-home-isolation.html

Case Definitions:

Probable: includes the following:
1. Individuals experiencing symptoms of COVID-19 who have either traveled to an area experiencing community spread or who are a contact of a laboratory confirmed case  
   -OR-  
2. Individuals with a positive antibody result via a test authorized by an FDA under an emergency use authorization and who either were a contact of a laboratory confirmed case or who experienced symptoms of COVID-19

Confirmed: individuals with laboratory confirmation of COVID-19


Recovered: individuals who are no longer experiencing symptoms or have had improvement of symptoms and who have been released from isolation