The Arkansas Department of Health (ADH) receives COVID-19 variant reports of a limited number of cases that were sequenced for selected Arkansas residents. The information provided is not the count of all cases due to the COVID-19 Delta variant nor of the counts of all the variants in the state, and are only based on a very small, non-random, convenience sample of cases. Therefore, it is important to understand that this information is not representative of all cases, and does not reflect the overall burden of disease. It is presumed that there are many more people affected than the report shows.

Most of these cases are reported by GISAID and GenBank and identified by ADH staff with assistance from the testing labs. Other data are obtained from Outbreak.info website.

Due to time lag in getting sequencing results, data are subject to change over time and will be updated as more data become available.

December 27, 2021
Cumulative Number of Arkansas Specimens Sequenced as of December 25, 2021
Total Arkansas Sequences = 10,405* (2.05% Sequenced)

<table>
<thead>
<tr>
<th>Name, WHO label (First Detected)</th>
<th>AR Cumulative Prevalence**</th>
<th>AR Prevalence last 30 days†</th>
<th>US Cumulative Prevalence**</th>
<th>US Prevalence last 30 days†</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delta (India) §</td>
<td>91%</td>
<td>98%</td>
<td>63%</td>
<td>&gt; 78%</td>
</tr>
<tr>
<td>Omicron (South Africa)</td>
<td>&lt; 0.1</td>
<td>&lt; 0.1</td>
<td>5%</td>
<td>&gt; 21%</td>
</tr>
<tr>
<td>Variant Being Monitored (VBM)</td>
<td>9%</td>
<td>&lt; 2%</td>
<td>32%</td>
<td>&lt; 1%</td>
</tr>
</tbody>
</table>

* Data obtained from GISAID
** Data obtained from https://outbreak.info/situation reports
† Data obtained from https://covid.cdc.gov/covid-data-tracker/#variant-proportions
§ Delta includes all new Delta mutations

Arkansas Variants Reported by Date of Sample Collection
Arkansas Variant Hospitalization and Death by Age Group

Arkansas Variant Reported Symptoms
Arkansas Vaccine Breakthrough by Variant and Age Groups

Delta
Other Variants Being Monitored

Count
Age Groups
0-4 Yrs 5-17 Yrs 18-24 Yrs 25-44 Yrs 45-64 Yrs 65+ Yrs

Confirmed COVID-19 Variants by County As of December 25, 2021
Arkansas Total: 10,405 (2.05%)

Total by County
- 1 - 10
- 11 - 50
- 51 - 100
- 101 - 500
- > 500

Date: December 27, 2021
Source: Arkansas Department of Health
Author: Haytham Sal, Epidemiology Supervisor