

Weekly COVID-19 Case Investigation Quality Improvement Report, October 2, 2020

Data exported, October 1, 2020 (4:30 PM)

Arkansas Department of Health (ADH)

CONTENTS:

Data Summary

Table: Positive COVID-19 cases linked to known positives and those unlinked

Chart: Weekly trends of COVID-19 cases not linked to known positives

Data Summary: As of October 1, 2020, a total of 86,220 laboratory confirmed COVID-19 cases were reported to the ADH. During this reporting period, about 64.0% cases were linked to known positives or clusters. Since the September 25 weekly report, an additional 6,029 cases have been reported to the ADH. As a result, the percentage of unlinked cases slightly increased to 36.0%. Please refer to the Chart below for the weekly trends of unlinked cases.

Due to the high volume of new cases, we assigned a 5-day lag time before considering a positive case to be unlinked. The total number of cases for the October 2 weekly reporting period was 86,220, of which 2,022 (2.3%) cases were still under investigation, slightly higher compared to the 2.2% reported on September 25. These cases are currently being worked through the system to improve the timeliness of contact investigation.

Table: COVID-19 cases linked to known positives or clusters (A-E), and those not linked.

Linked categories	As of October 1
A. Nursing home/Jail	11,087
B. Contact with known positives	30,799
C. Travelled to advisory location	71
D. Contact with case under investigation for COVID-19	1,134
E. Members of known or suspected cluster	10,760
Records without link (not including those under investigation)	30,347
Total number of cases (not including those under investigation)	84,198
Grand total	86,220

Starting September 18, probable COVID-19 cases reported to the ADH based on verbal reporting and antigen test results were included in the analysis. Data source: REDCap System, Arkansas Department of Health; Data exported: October 1, 2020; Data reported: October 2, 2020
Exclusivity: Number of cases are counted only once in the table above.
Suspected cluster: Two or more cases linked to the same employer location or community.
Methodology: A 5-day lag was applied to the most recently reported cases and placed in the "still under investigation" category; these cases were not included in the calculation of unlinked percentage (rows with gray highlights).

Chart: Weekly trends of unlinked COVID-19 cases, as of October 1, 2020

