

Weekly COVID-19 Case Investigation Quality Improvement Report, October 16, 2020

Data exported, October 15, 2020 (4:30 PM)

Arkansas Department of Health (ADH)

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Data Summary: As of October 15, 2020, a total of 97,249 laboratory confirmed COVID-19 cases were reported to the ADH. During this reporting period, 64.3% cases were linked to known positives or clusters. Since the October 9 weekly report, an additional 6,114 cases have been reported to the ADH. The percentage of unlinked cases, 35.7%, remained the same as last week. 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 16 weekly reporting period was 97,249, of which 2,186 (2.2%) cases were still under investigation, close to the 2.1% reported on October 9. 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 15
A. Nursing home/Jail	12,252
B. Contact with known positives	35,219
C. Travelled to advisory location	71
D. Contact with case under investigation for COVID-19	1,307
E. Members of known or suspected cluster	12,304
Records without link (not including those under investigation)	33,910
Total number of cases (not including those under investigation)	95,063
Grand total	97,249

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 15, 2020; Data reported: October 16, 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 15, 2020

