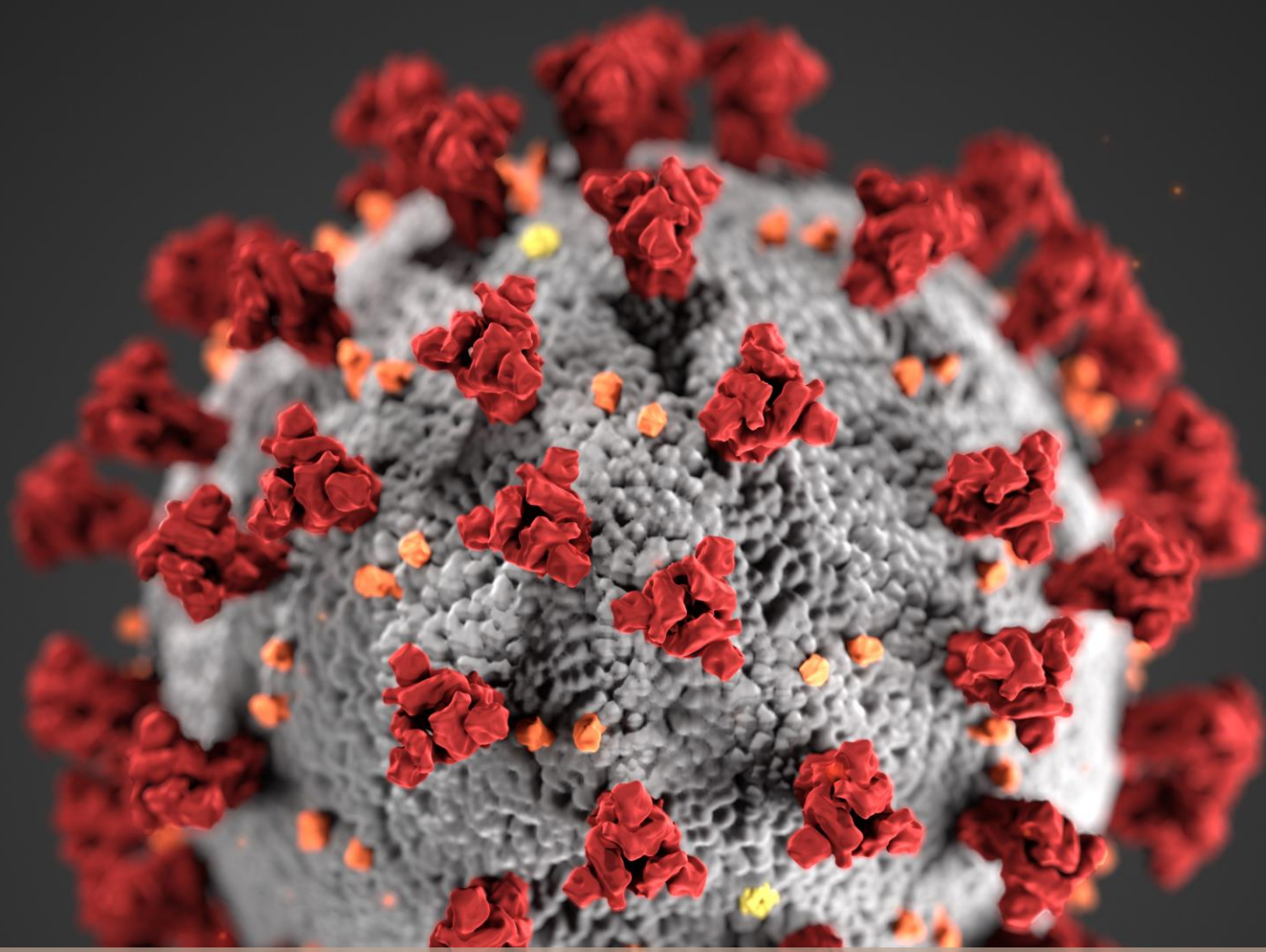**Ashley Goss, Deputy Secretary of Public Health**

**COVID-19 Long-Term Care Update**

**September 8, 2020**

**Farah S. Ahmed, MPH, PhD, State Epidemiologist**

COVID-19 Long-Term Care Update

September 8, 2020

Sort by Cluster Status

(All) ▼

## COVID-19 Cluster Cases by Type

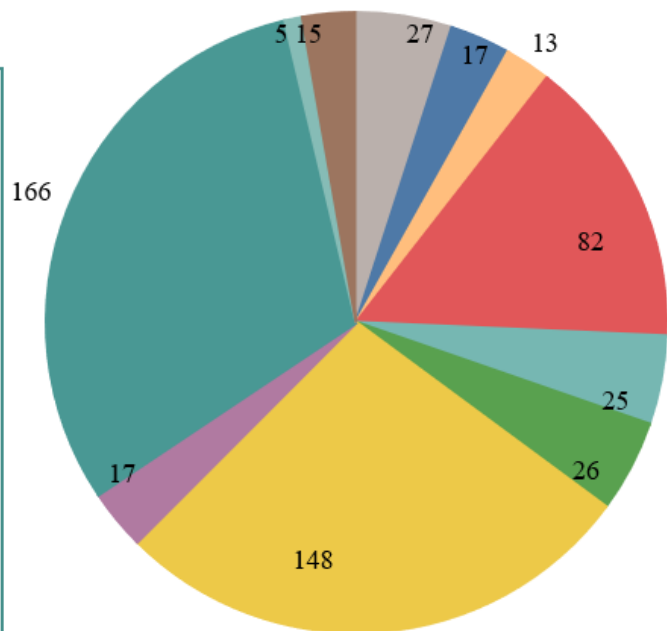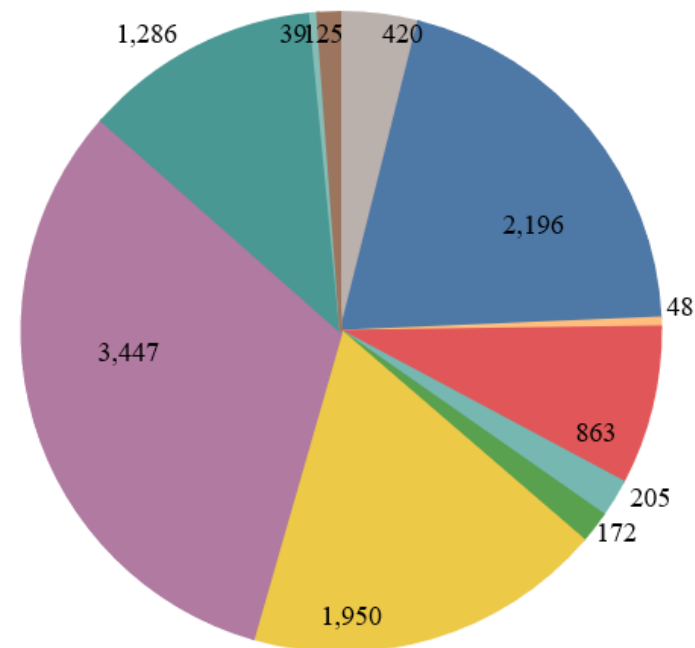| Type | Sub-Type | Outbreaks | Cases | Hospitalizations | Deaths |
|---|---|---|---|---|---|
| College or University | | 27 | 420 | 1 | 0 |
| Corrections | | 17 | 2,196 | 22 | 6 |
| Daycare | | 13 | 48 | 0 | 0 |
| Gathering | Bar or Restaurant | 13 | 267 | 4 | 0 |
| | Camp | 2 | 42 | 0 | 0 |
| | Fair or Festival | 1 | 7 | 0 | 0 |
| | Private Event | 42 | 306 | 24 | 5 |
| | Religious Gathering | 20 | 210 | 53 | 13 |
| | Travel | 4 | 31 | 2 | 0 |
| Group | | 25 | 205 | 14 | 5 |
| Healthcare | | 26 | 172 | 14 | 2 |
| Long-Term Care | | 148 | 1,950 | 323 | 246 |
| Meat Packing | | 17 | 3,447 | 108 | 19 |
| Private/Public Business | | 166 | 1,286 | 76 | 12 |
| School | | 5 | 39 | 2 | 0 |
| Sports | | 15 | 125 | 0 | 0 |
| Total | | 541 | 10,751 | 643 | 308 |

- 1,950 LTCF cases/45,220 total cases = 4.31% of all cases

- 323 LTCF hospitalizations/2415 total hospitalizations (where hospitalization status is known) = 13.4% of all known hospitalizations

- 246 LTCF deaths/481 total deaths = 51.1% of total deaths

Number of Clusters by Type

Number of Cases by Cluster Type

Cluster Type
- College or University
- Corrections
- Daycare
- Gathering
- Group
- Healthcare
- Long-Term Care
- Meat Packing
- Private/Public Business
- School
- Sports

# COVID-19 Cases and Clusters

Sort by Cluster Status

Active

## COVID-19 Cluster Cases by Type

| Type | Sub-Type | Outbreaks | Cases | Hospitalizations | Deaths |
|---|---|---|---|---|---|
| College or University | | 26 | 405 | 1 | 0 |
| Corrections | | 7 | 1,141 | 6 | 0 |
| Daycare | | 3 | 8 | 0 | 0 |
| Gathering | Bar or Restaurant | 2 | 12 | 1 | 0 |
| | Camp | 1 | 31 | 0 | 0 |
| | Fair or Festival | 1 | 7 | 0 | 0 |
| | Private Event | 12 | 71 | 3 | 0 |
| | Religious Gathering | 6 | 46 | 4 | 1 |
| Group | | 8 | 40 | 1 | 1 |
| Healthcare | | 9 | 51 | 4 | 1 |
| Long-Term Care | | 53 | 674 | 84 | 52 |
| Meat Packing | | 9 | 2,196 | 77 | 12 |
| Private/Public Business | | 34 | 394 | 20 | 6 |
| School | | 3 | 30 | 1 | 0 |
| Sports | | 7 | 71 | 0 | 0 |
| Total | | 181 | 5,177 | 202 | 73 |

# National Healthcare Safety Network (NHSN) Long-term Care Facility (LTCF) COVID-19 Report for Kansas
# September 1, 2020

Division of Healthcare Quality Promotion, CDC

# Brief Explanation COVID-19 Potential Outbreak Alert Criteria

Both reported COVID-19 resident and staff cases are analyzed using the CMS Public File dataset to identify potential outbreaks in SNF. Specifically, the two criteria are defined as:

- Resident Outbreak Case Alert:
  - >=1 confirmed cases among residents in a facility where no confirmed cases were identified during 4-week period prior to the most recent week

- Staff Outbreak Case Alert
  - >=1 confirmed cases among staff in a facility where no confirmed cases were identified during 4-week period prior to the most recent week

# LTCFs Reporting in the COVID-19 Module in Kansas, 01JAN20-30AUG20

Number of skilled nursing facilities (SNF) reporting among all CMS-certified SNF in Kansas*

| State | Number of SNF Reporting | Total CMS-certified SNF | Percent of SNFs Reporting |
|-------|------------------------|-------------------------|---------------------------|
| KS    | 328                    | 330                     | 99%                       |

## Counties with low reporting rates in Kansas*

| State | Number of counties where <80% of CMS-certified SNF have reported into the NHSN LTC COVID-19 module |
|-------|-----------------------------------------------------------------------------------------------------|
| KS    | 2                                                                                                   |

Data as of 08/31/2020 5:30 AM

*Of reporting facility types, only skilled nursing facilties are certified by CMS
*SNF are considered reporting per identical information of CCN and state in NHSN and CMS datasets

# Facility Types Reporting in the COVID-19 Module in Kansas, 01JAN20-30AUG20
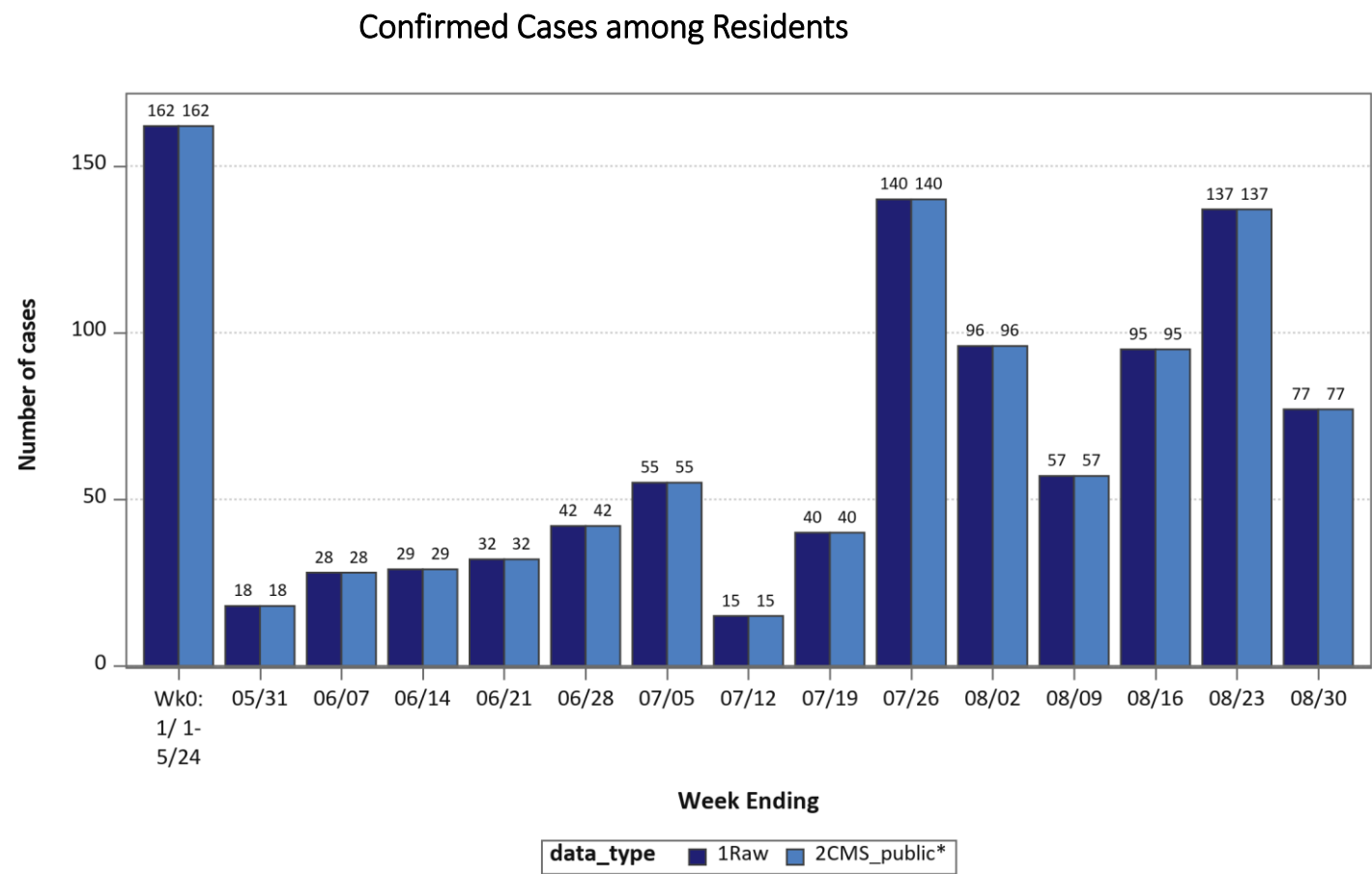
**All facility types reporting into the NHSN LTC COVID-19 Module in Kansas***

|  | Number | Percent |
|---|---|---|
| **Facility Type** |  |  |
| Skilled Nursing | 329 | 93.20 |
| Assisted Living | 24 | 6.80 |
| **Total** | 353 | 100.00 |

Data as of 08/31/2020 5:30 AM                    *All facility types reporting by unique NHSN orgID
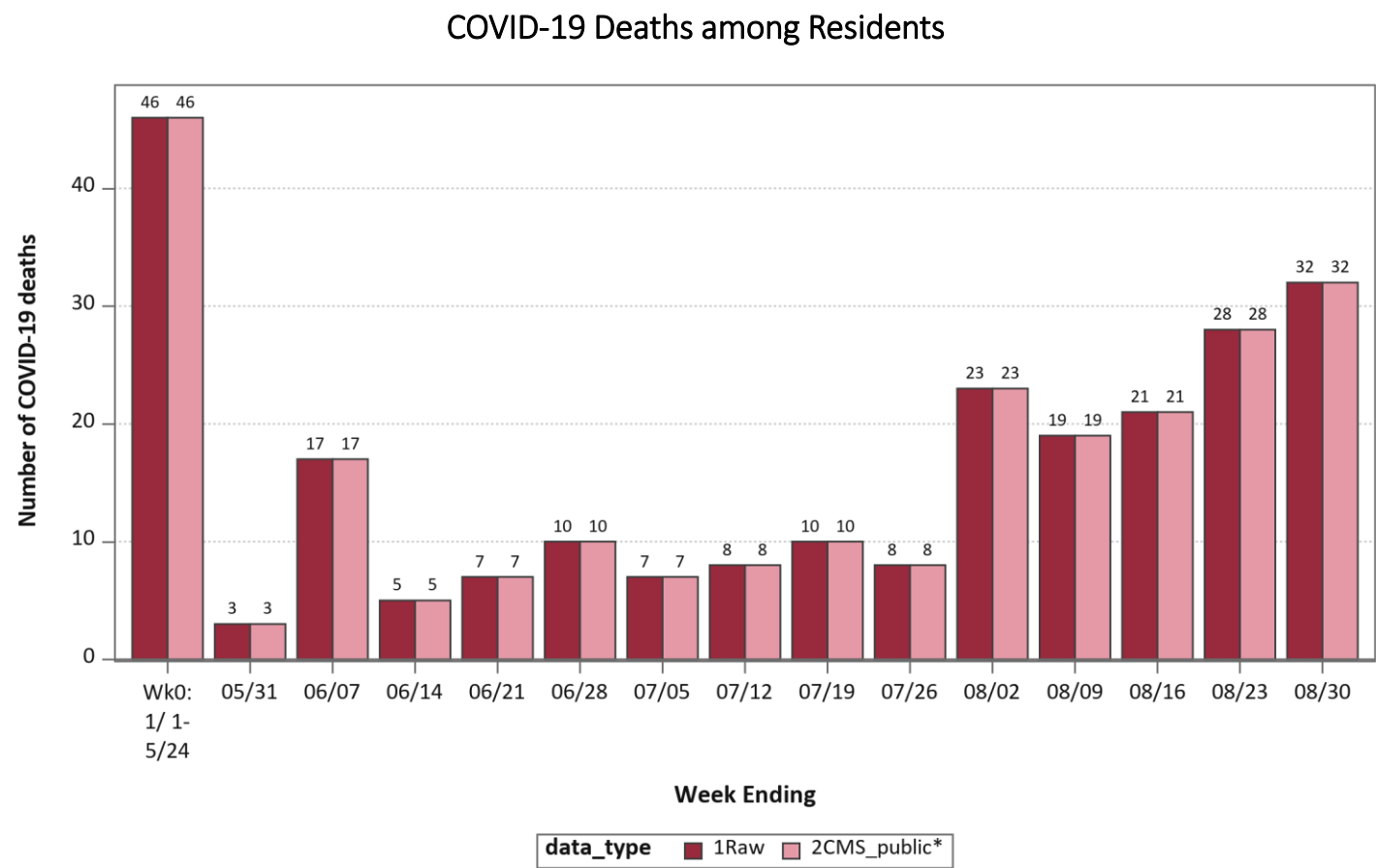
# COVID-19 Cases among Residents in Skilled Nursing Facilities in Kansas



Confirmed Cases among Residents

*For CMS public data, data that appear to be non-compliant with the data collection protocol are set to null to highlight numbers that need to be confirmed or corrected (data in the format for CMS public reporting)
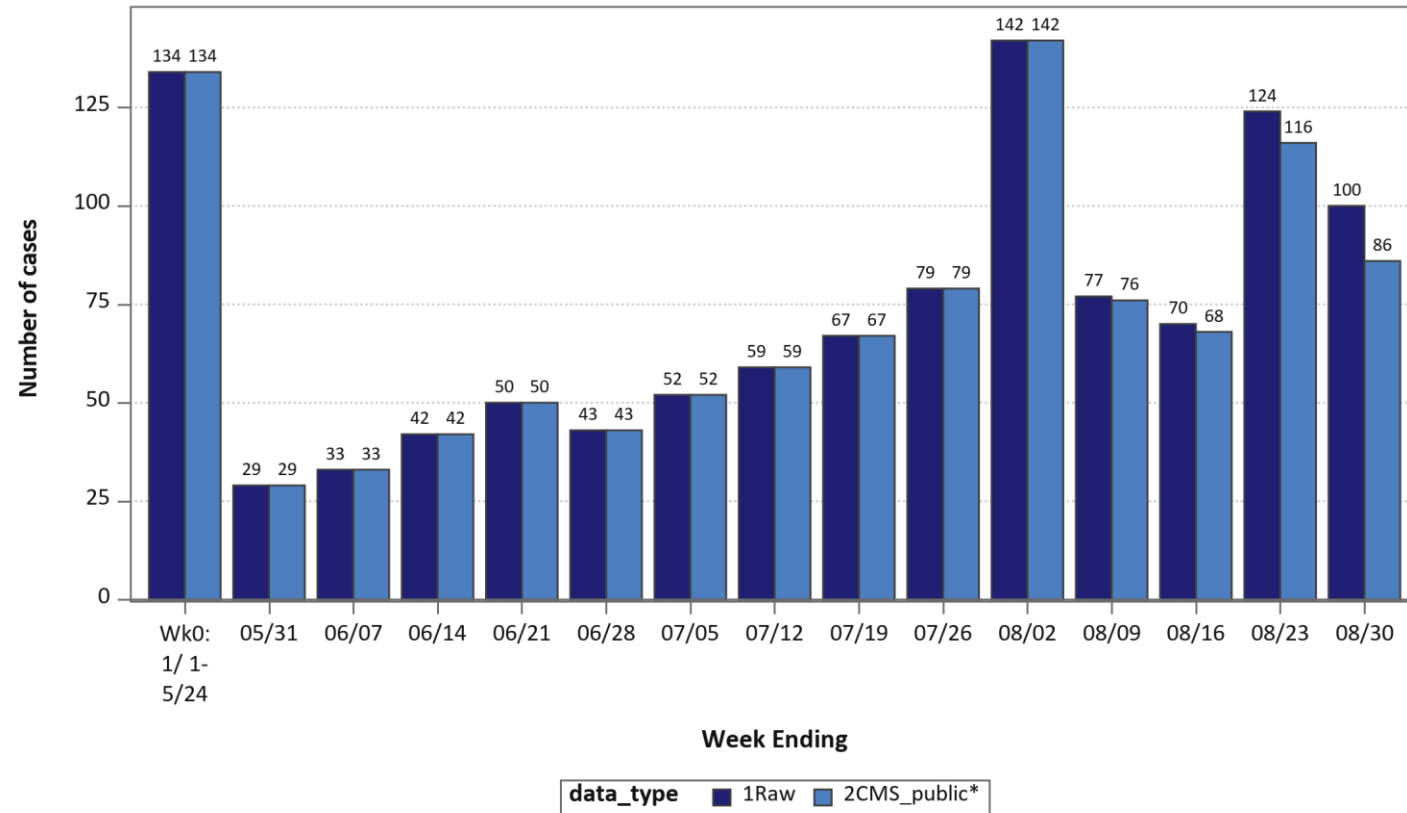
Data as of 08/31/2020 5:30 AM

# COVID-19 Cases among Residents in Skilled Nursing Facilities in Kansas



Suspected Cases among Residents

Data as of 08/31/2020 5:30 AM

# COVID-19 Deaths among Residents in Skilled Nursing Facilities in Kansas



COVID-19 Deaths among Residents

*For CMS public data, data that appear to be non-compliant with the data collection protocol are set to null to highlight numbers that need to be confirmed or corrected (data in the format for CMS public reporting)

Data as of 08/31/2020 5:30 AM

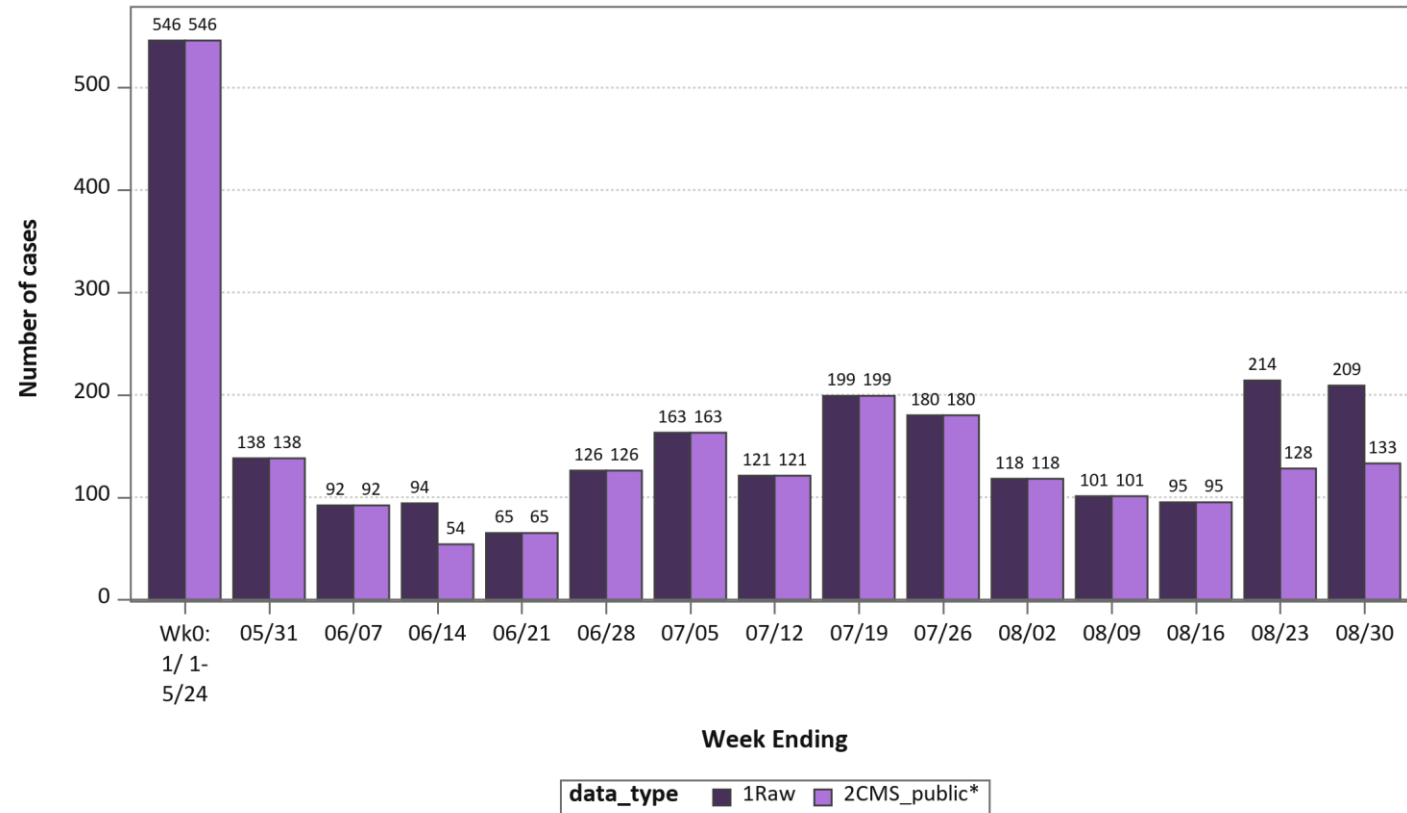# COVID-19 Cases among Staff in Skilled Nursing Facilities in Kansas

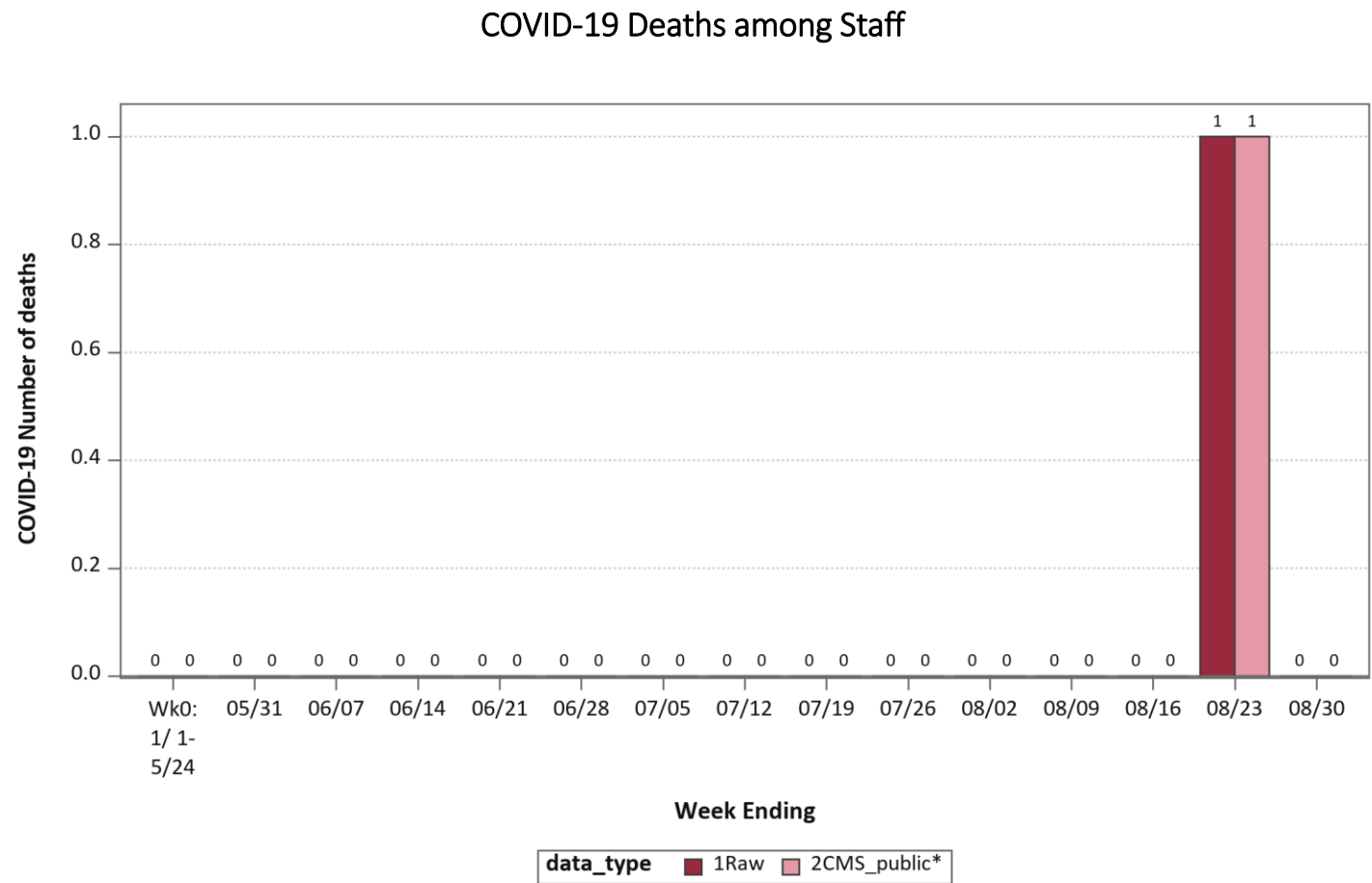Confirmed Cases among Staff

*For CMS public data, data that appear to be non-compliant with the data collection protocol are set to null to highlight numbers that need to be confirmed or corrected (data in the format for CMS public reporting)

Data as of 08/31/2020 5:30 AM

# COVID-19 Cases among Staff in Skilled Nursing Facilities in Kansas

## Suspected Cases among Staff



*For CMS public data, data that appear to be non-compliant with the data collection protocol are set to null to highlight numbers that need to be confirmed or corrected (data in the format for CMS public reporting)

Data as of 08/31/2020 5:30 AM

# COVID-19 Deaths among Staff in Skilled Nursing Facilities in Kansas



COVID-19 Deaths among Staff

*For CMS public data, data that appear to be non-compliant with the data collection protocol are set to null to highlight numbers that need to be confirmed or corrected (data in the format for CMS public reporting)

Data as of 08/31/2020 5:30 AM
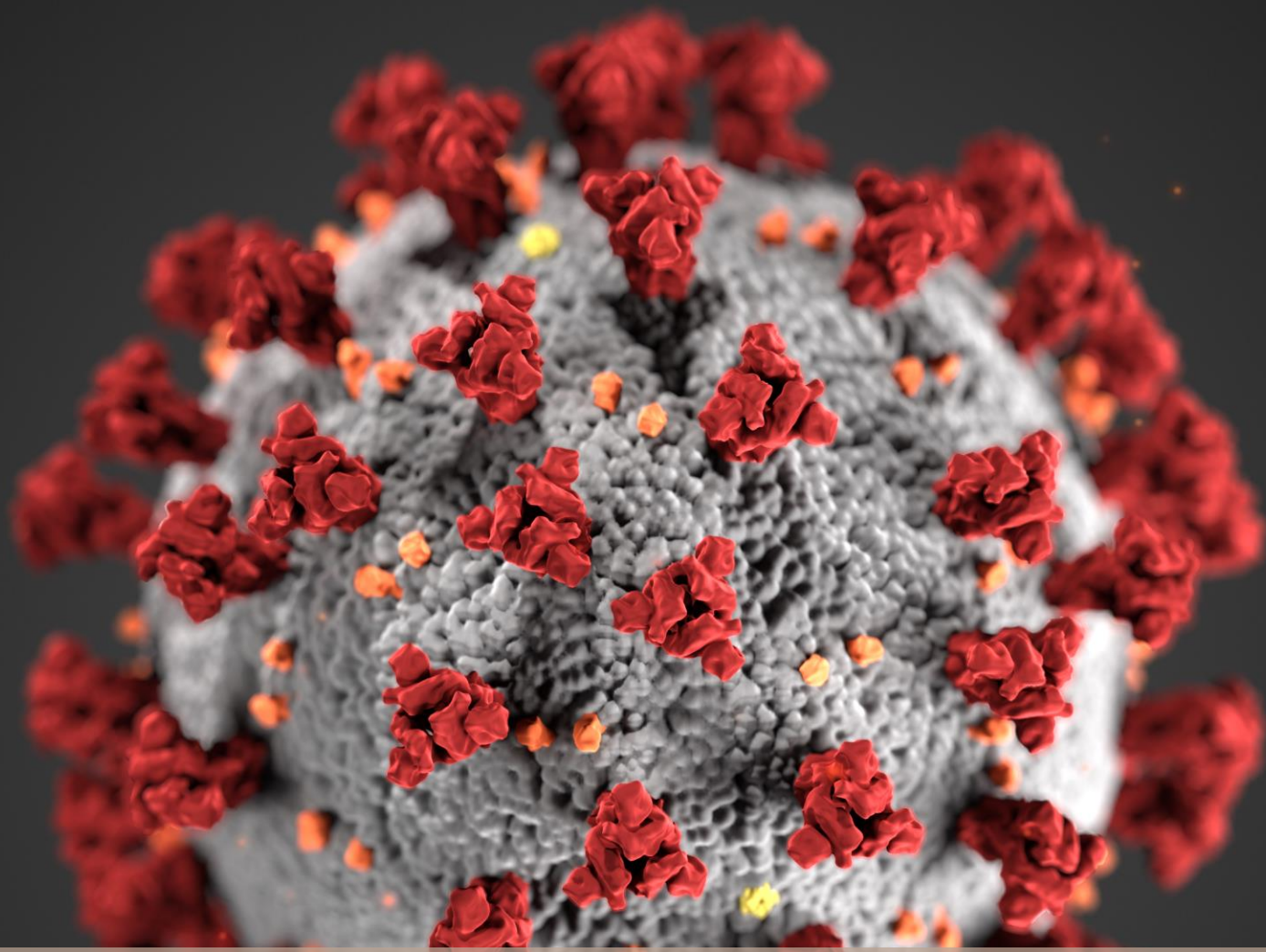
N. Myron Gunsalus, Jr., MS, KHEL Director
COVID-19 Long-Term Care Update
September 8, 2020

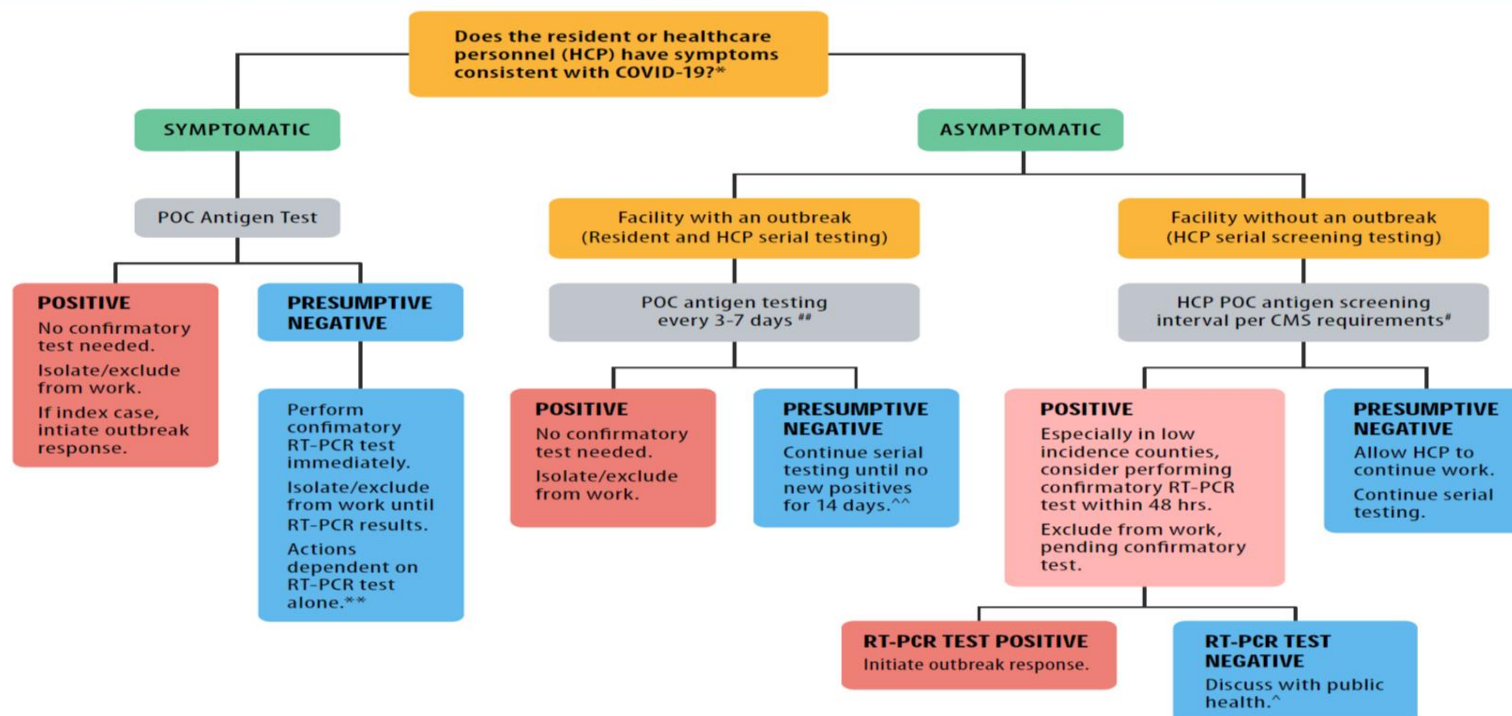# Antigen Testing Interim Guidance (CDC)

- **Surveillance vs Screening vs Diagnostic**

- **False Positives/False Negatives**

- **Pretest Probability**

- **Good Summary Tables to inform clinicians and labs**

**https://www.cdc.gov/coronavirus/2019-ncov/lab/resources/antigen-tests-guidelines.html**

**Testing Strategy for Long-Term Care Facilities**

Kansas
Department of Health
and Environment
Division of Public Health
AD ASTRA PER ASPERA

# CONSIDERATIONS FOR INTERPRETING ANTIGEN TEST RESULTS IN NURSING HOMES

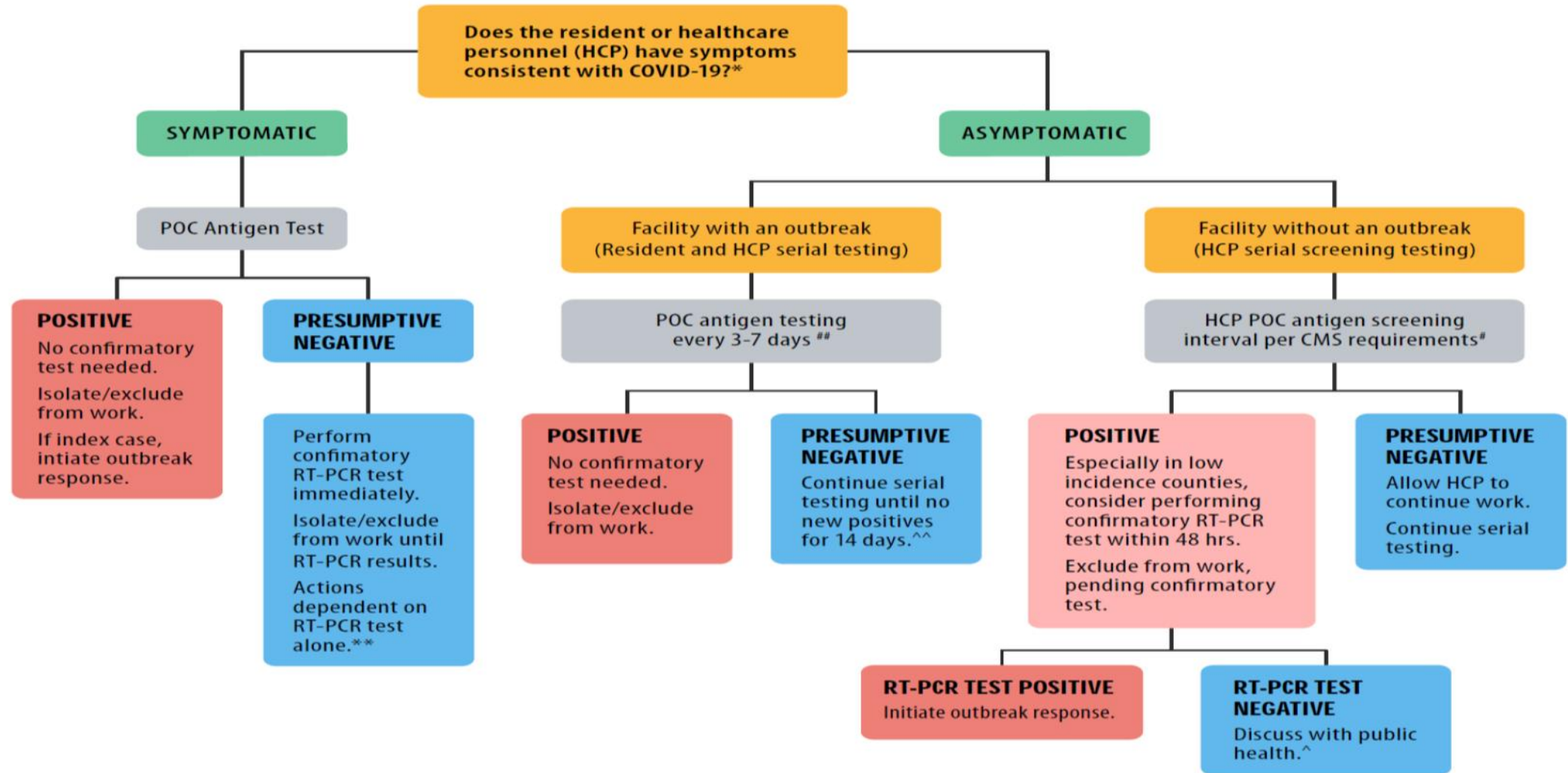https://www.cdc.gov/coronavirus/2019-ncov/downloads/hcp/nursing-home-testing-algorithm-508.pdf

# Implementing CMS Guidelines

- **Who do we test?**

- **What test do we use?**

- **How do we get supplies?**

- **When do we test?**

- **How do we use the test and results?**

CONSIDERATIONS FOR INTERPRETING ANTIGEN TEST RESULTS IN NURSING HOMES

# Who are you testing and under what circumstance?

- Symptomatic
- Asymptomatic

- Healthcare Personnel  (HCPs) or staff
- Residents

- Facility with an Outbreak
- Facility without an Outbreak

## Symptomatic (HCP or Resident)
## POC Antigen Test

- **POSITIVE**
  - No Confirmatory Test Needed
  - Isolate/Exclude form work
  - Initiate Outbreak Response if first case

- **PRESUMPTIVE NEGATIVE**
  - Perform Confirmatory PCR test immediately (<48 hours)
  - Isolate/Exclude until PCR results reported
  - Further Action depends on PCR test only.

## Asymptomatic--Facility with Outbreak
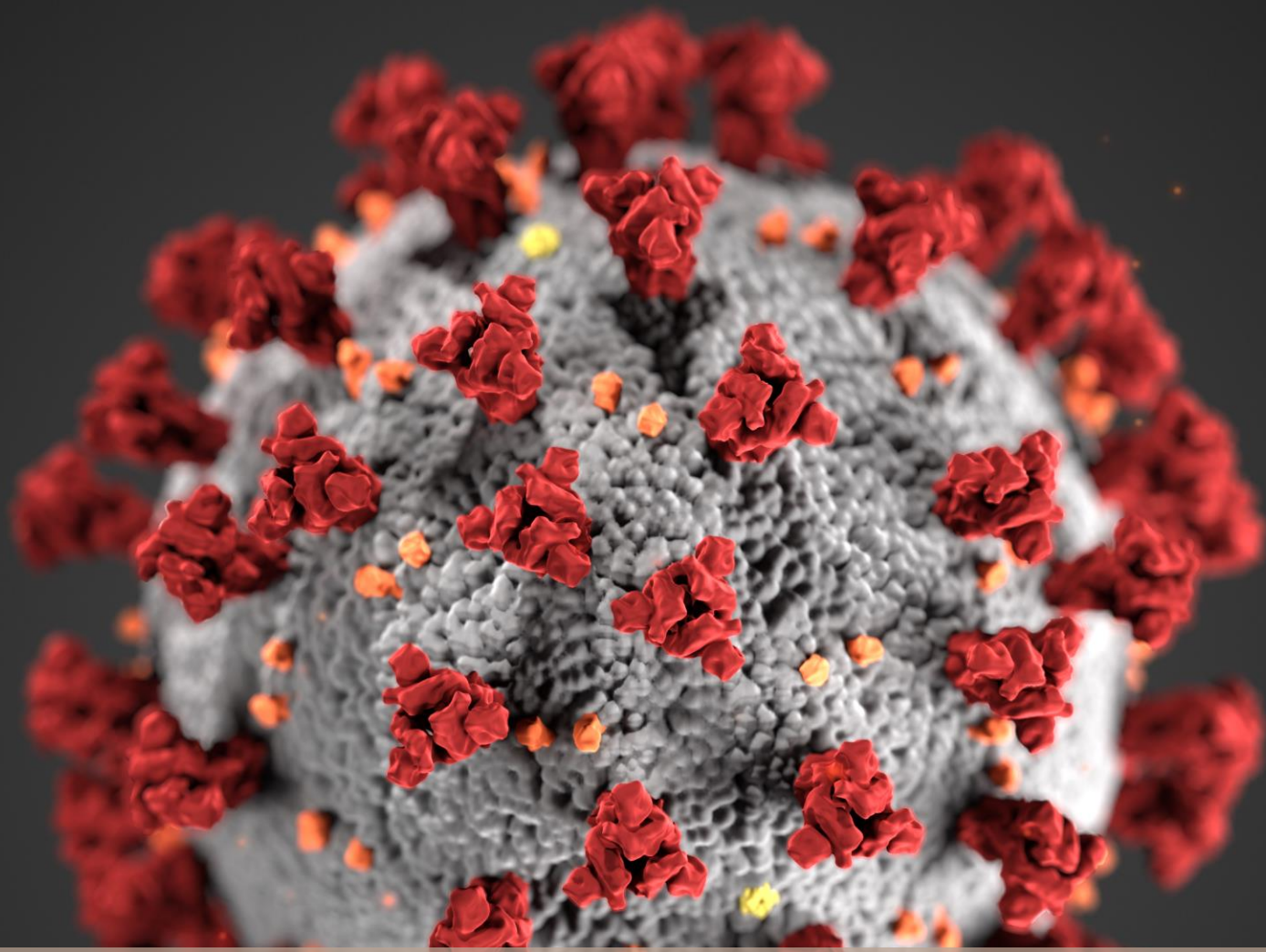## HCP and Resident Serial Testing
## POC Antigen every 3-7 days

- **Positive**
  - No confirmation needed, Isolate/exclude from work

- **Presumptive Negative**
  - Continue serial testing until no new positives for 14 days
  - Use transmission based precautions
  - Continue working while monitoring for symptoms

# Asymptomatic--Facility <u>without</u> Outbreak
## HCP Antigen Testing/Screening
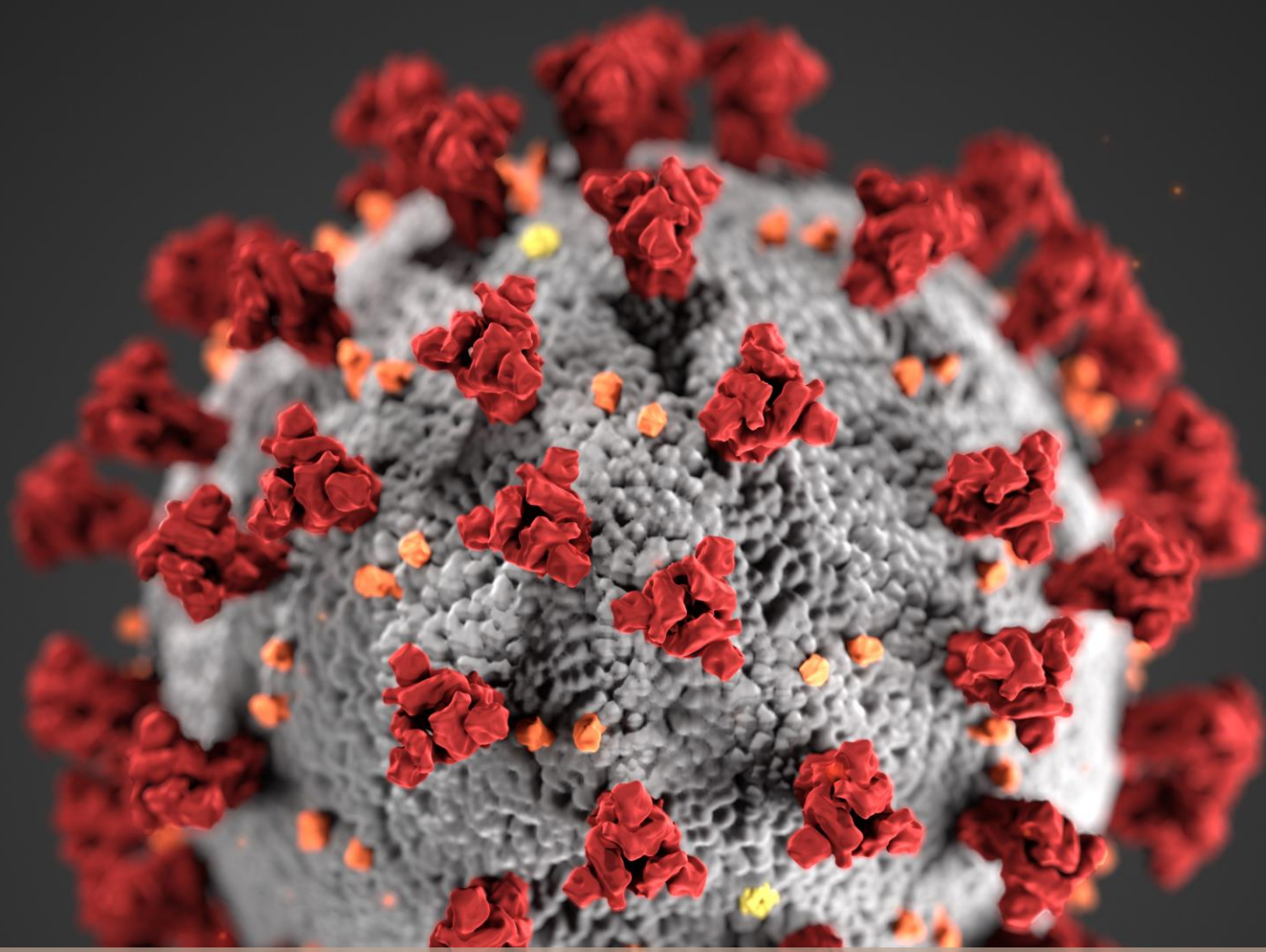## Frequency at CMS Guidelines

- **Positive**
  - Consider confirmatory PCR within 48 hours, exclude until results
    - If positive PCR, Initiate outbreak response
    - If negative PCR, consult with public health, most likely continue work

- **Presumptive Negative**
  - Continue working
  - Continue serial testing

# Contact Information for Presenters

- Ashley Goss, Deputy Secretary of Public Health
  - Ashley.Goss@ks.gov
- Dr. Farah Ahmed, State Epidemiologist
  - Farah.ahmed@ks.gov
- Myron Gunsalus, Director of Labs
  - Myron.gunsalus@ks.gov
- Scott Brunner, Deputy Secretary of Hospitals and Facilities
  - Scott.brunner@ks.gov
- Janis DeBoer, Deputy Secretary of KDADS
  - Janis.deboer@ks.gov
- Epi Hotline
  - kdhe.EpiHotline@ks.gov or (877)427-7318
- CLIA Laboratory Information
  - kdhe.clia2@ks.gov

**Scott Brunner, Deputy Secretary of Hospitals & Facilities**

**COVID-19 Long-Term Care Update**

**September 8, 2020**

**Shannon Sandall, Director of Surveillance Systems**
**COVID-19 Long-Term Care Update**
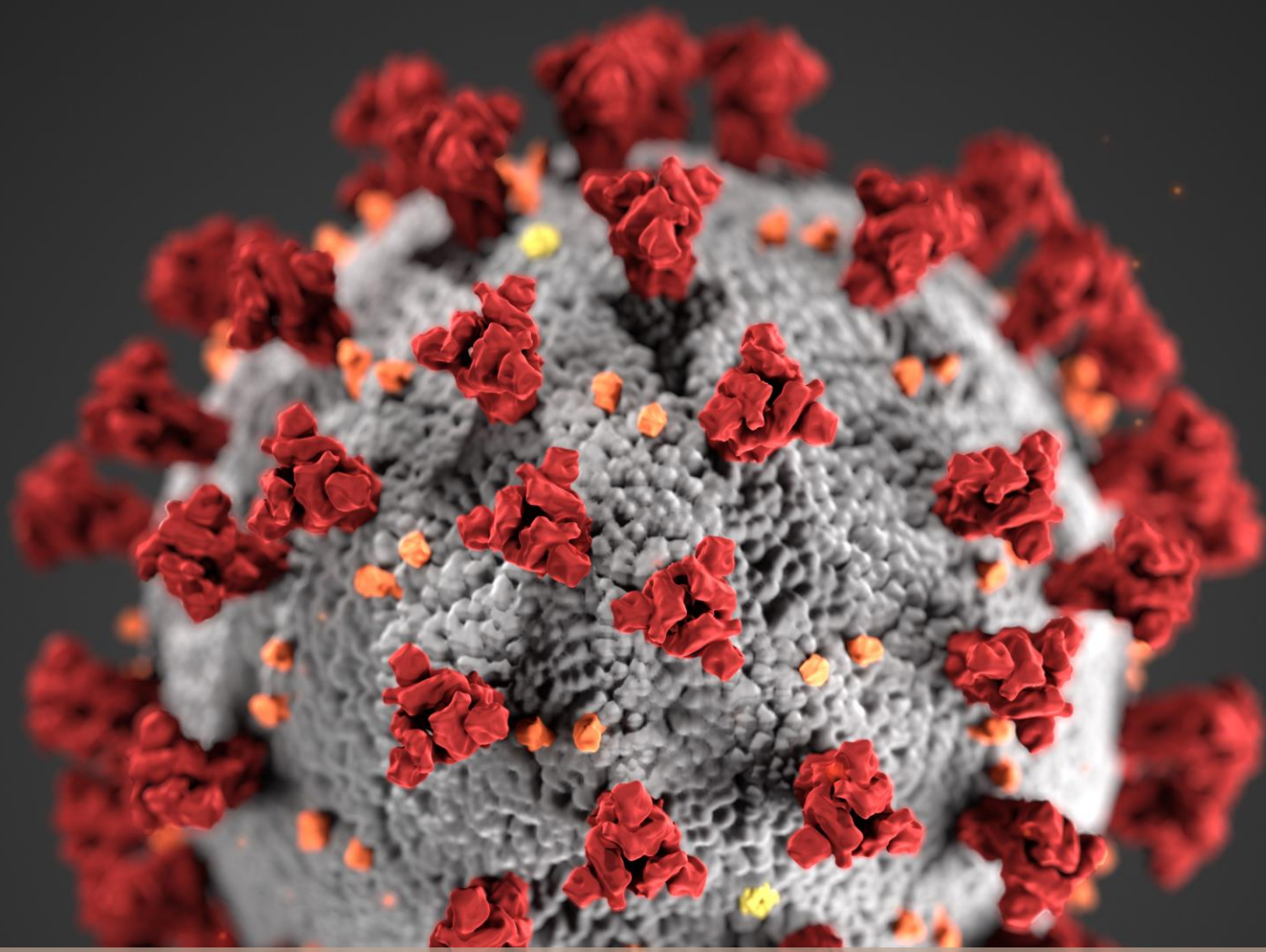**September 8, 2020**

# Reporting Test Results to KDHE

|  | Suspicion of disease | Lab Results |
|---|---|---|
| **Previous Reporting Methods** | Faxing of Kansas Reportable Disease Form | Faxing of lab results |
| **Current Reporting Methods** | | |
| **Future Reporting Methods** | | |

# Reporting Test Results to KDHE

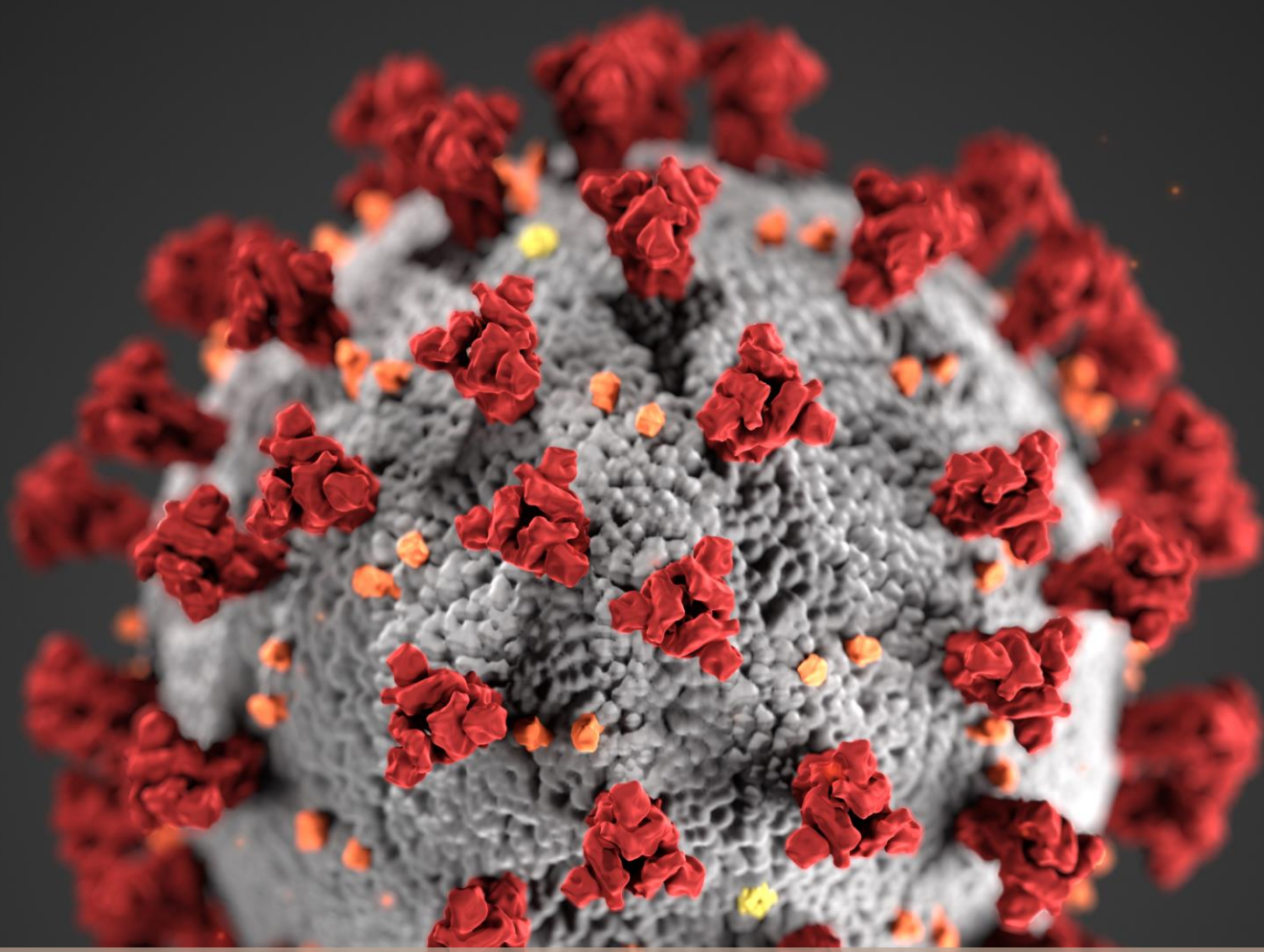|  | Suspicion of disease | Lab Results |
|---|---|---|
| **Previous Reporting Methods** | Faxing of Kansas Reportable Disease Form | Faxing of lab results |
| **Current Reporting Methods** | Kansas Reportable Disease Portal<br>• diseasereporting.kdhe.ks.gov | .CSV file via fax or secure email<br>• 877-427-7318<br>• KDHE.epihotline.ks.gov |
| **Future Reporting Methods** |  |  |

# Reporting Test Results to KDHE

|  | Suspicion of disease | Lab Results |
|---|---|---|
| **Previous Reporting Methods** | Faxing of Kansas Reportable Disease Form | Faxing of lab results |
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| **Future Reporting Methods** | Kansas Reportable Disease Portal<br>• diseasereporting.kdhe.ks.gov | Kansas Reportable Disease Portal<br>• diseasereporting.kdhe.ks.gov |

**Janis DeBoer, Deputy Secretary of KDADS**

**COVID-19 Long-Term Care Update**

**September 8, 2020**

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Questions?