

OH COVID I/O Assessment

Dear OHS State Representative,

The CSTE Occupational Health Surveillance Workgroup is interested in learning more about whether states are collecting employment data on COVID-19 cases and, if so, what specific data elements are collected. We are also interested in barriers you may be experiencing in collecting this information and what kind of support or technical assistance would be helpful to improve the collection, coding, and analysis of COVID-19 case data by industry and occupation. Based on our understanding of clinical laboratory reporting, and feedback from several states, employment data are not being reported by clinical laboratories to the health department. The assessment questions focus on data collection during provider case reporting and case investigation. We recognize that there is wide variability in data collection across the jurisdictions. More accurate data on industry and occupation is needed to identify workplace exposures and risk in order to develop prevention strategies that are industry and occupation-specific. The aim of this assessment is to better understand what employment data on COVID-19 cases are available at the state level and how that information is being used. **We are asking you to complete this short assessment and anticipate that your response will take about 10-15 minutes. We understand that you may need to work with others in your state to fully complete each question. It is best if you can facilitate this, so you are the one to submit the completed assessment.** *The assessment should save your responses if you need to get out of it and go back in. However, if you need to start over again, you should be able to do this in a different browser.* Thank you for your time in completing this assessment! *Please reach out to Cailyn at clingwall@cste.org with questions.*

Please provide a contact CSTE can follow-up with about the response.

☐ Name _____

☐ Position/title _____

☐ Agency/organization _____

☐ Email _____

1.) What software platform does your state use to collect COVID-19 case data? (e.g. Maven, Salesforce, RedCAP, NEDSS, state's own homegrown database, other)

2.) How does your state report COVID-19 case data to the CDC?

3.) What instrument (case investigation form) does your state use to collect COVID-19 data? (*Select one option*).

- ☐ Standard CDC case reporting form
- ☐ Unique state form
- ☐ N/A

4.) Who collects the occupation and industry information for COVID-19 cases? (*Check all that apply*).

- ☐ State health department staff
 - ☐ County health department staff
 - ☐ Local board of health at the city/town level staff
 - ☐ Outside contractor
 - ☐ Other (please describe)
-

5.) Does the data collection instrument your state or local jurisdictions use for COVID-19 cases include any of the following data elements related to employment? (*Check all that apply*).

- ☐ Employer name
- ☐ Employer address
- ☐ Is the case a health care worker?
- ☐ Occupation (a person's job/what kind of work they do)
- ☐ Industry (kind of business or work setting the person works in)
- ☐ None of the above

5a.) Occupation data is:

- ☐ Asked of all cases
- ☐ Asked only of healthcare personnel or other select workers
- ☐ Unsure
- ☐ N/A
- ☐ Other _____

5b.) Industry data is:

- ☐ Asked of all cases
- ☐ Asked only of healthcare personnel or other select workers
- ☐ Unsure
- ☐ N/A
- ☐ Other _____

6.) Does the data collection instrument ask whether the case was present in the workplace during the 14 days prior to disease onset (i.e. first symptoms or positive test)?

- ☐ Yes (please describe how the question is asked) _____

- ☐ Can't answer as the question varies by local public health jurisdictions
- ☐ Unsure

7.) If occupation is collected, how are these data elements captured? (*select one option*).

- ☐ In a separate text only field
- ☐ Drop down list of occupation categories
- ☐ Text field merged with employer or other information
- ☐ May be collected in a notes field
- ☐ Other, specify _____

7a.) If there is a drop down list of occupation categories, is there an "other, specify" category to your drop down menu?

- ☐ Yes ☐ No
☐ Unsure

8.) If industry is collected, how are these data elements captured? (*Select one option*).

- ☐ In a separate text only field
☐ Drop down list of industry categories
☐ May be collected in a notes field
☐ Other, specify _____

8a.) If there is a drop down list of industry categories, is there an "other, specify" category to your drop down menu?

- ☐ Yes ☐ No
☐ Unsure

9.) Is occupation data coded or structured in any way for analysis? (*Check all that apply*).

- ☐ Coded to the Standard Occupational Classification system (SOC)
☐ Coded to Census Occupation Classification (COC)
☐ Coded according to a state specific list of occupations
☐ Not coded
☐ Other (describe)
☐ Unsure

9a.) How is occupation data coded to the Standard Occupational Classification (SOC)?

- ☐ Manually
☐ Using NIOCCS
☐ Other _____

9b.) How is occupation data coded to the Census Occupation Classification (COC)?

- ☐ Manually
- ☐ Using NIOCCS
- ☐ Other _____

10.) Is industry data coded or structured in any way for analysis? (*Check all that apply*).

- ☐ Coded to the North American industry Classification system (NAICs)
- ☐ Coded to Census Industry Classification (CIC)
- ☐ Coded according to a state specific list of industries
- ☐ Not coded
- ☐ Other (describe)
- ☐ Unsure

10a.) How is industry data coded to the North American Industry Classification system (NAICs)?

- ☐ Manually
- ☐ Using NIOCCS
- ☐ Other _____

10b.) How is industry data coded to the Census Industry Classification (CIC)?

- ☐ Manually
- ☐ Using NIOCCS
- ☐ Other _____

11.) For what percentage of eligible COVID-19 cases are the following employment data elements available in the statewide database for cases (any field in any format)? Please estimate for the most recent time period (weekly/monthly).

	Unsure	15%	16-25%	26-50%	51-75%	76-100%
Employer name	☐	☐	☐	☐	☐	☐
Employer address	☐	☐	☐	☐	☐	☐
Occupation	☐	☐	☐	☐	☐	☐
Industry	☐	☐	☐	☐	☐	☐

12.) Does the data collection instrument used during COVID-19 **vaccination** registration or administration include any of the following data elements related to employment? (*Check all that apply*).

- ☐ Employer name
- ☐ Employer address
- ☐ Is the case a health care worker?
- ☐ Occupation (a person's job/what kind of work they do)
- ☐ Industry (kind of business or work setting the person works in)
- ☐ None of the above

13.) Does your state or local jurisdictions provide specific training to case investigation or other staff on how to collect occupation and industry data?

- ☐ Yes ☐ No
- ☐ Unsure

14.) If your state or local jurisdictions collect and code occupation and industry data, how are they being used? (Check all that apply).

- ☐ Outbreak investigation
- ☐ Identifying high risk populations
- ☐ Informing policy makers to plan for reopening your community
- ☐ Informing state efforts for vaccination prioritization
- ☐ Other, specify _____

15.) What are the main organizational limitations or barriers to collecting occupation and industry? (Check all that apply).

- ☐ Funding
- ☐ Staffing
- ☐ Technology
- ☐ N/A
- ☐ Other, specify _____

16.) Would your state utilize an on-line training module for anyone collecting occupation and industry information if it was available?

☐ Yes ☐ No

☐ Maybe

17.) Would your state be interested in learning about real-time coding systems for occupation and industry information?

☐ Yes ☐ No

☐ Maybe

18.) What additional resources could your state use for collecting occupation and industry information?

19.) Could we contact you again or someone else in your office with additional questions about case investigation of employed COVID cases?

- ☐ Yes, contact me
- ☐ Yes, contact a colleague (please provide their name and email address)

☐ No

Thank you for completing this evaluation! If you have any questions, please contact Cailyn Lingwall at clingwall@cste.org and Karla Armenti at karla.amenti@unh.edu.