

# CARBON MONOXIDE CASE DEFINITION

## LAB BASED

### CONFIRMED

Blood COHb  $\geq 5\%$  in a nonsmoker or person with unknown smoking status  $< 14$  years of age

or

Blood COHb  $> 12\%$  in a smoker or person with unknown smoking status  $\geq 14$  years of age

### PROBABLE

Blood COHb  $\geq 9\%$  and  $\leq 12\%$  in a smoker or person with unknown smoking status  $\geq 14$  years of age

### SUSPECT

Blood COHb  $\geq 2.5\%$  and  $< 5\%$  in a nonsmoker or person with unknown smoking status  $< 14$  years of age

or

Blood COHb  $\geq 7\%$  and  $< 9\%$  in a smoker or person with unknown smoking status  $\geq 14$  years of age

## CLINICAL AND ENVIRONMENTAL BASED

### CONFIRMED

Loss of consciousness or death

and

Exposure to measured, elevated CO level for known duration consistent with CO poisoning

or

CO poisoning symptoms and elevated pulse CO-oximetry  $\geq 5\%$

and

Exposure to measured, elevated CO level for known duration consistent with CO poisoning

### PROBABLE

Loss of consciousness or death

and

Alarm of CO detector, or CO-related symptoms associated with a CO-emitting source

or

Loss of consciousness or death

and

Epidemiological linkage to confirmed case

or

CO poisoning symptoms and elevated pulse CO-oximetry  $\geq 5\%$

and

Epidemiological linkage to confirmed case

### SUSPECT

CO poisoning symptoms and elevated pulse CO-oximetry  $\geq 5\%$

and

Alarm of CO detector, or CO-related symptoms associated with a CO-emitting source

**BUREAU OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH**

[dhs.wisconsin.gov/air/co.htm](http://dhs.wisconsin.gov/air/co.htm) | AUGUST 2018 | [dhstracking@wi.gov](mailto:dhstracking@wi.gov)

Wisconsin Department of Health Services | Division of Public Health | P-02192A (08/2018)

