

COVID-19 Case Definition

The Department of State Health Services distributed a new case definition for COVID-19 on May 11, 2020.



Current Case Definition

- Confirmed case of COVID-19
 - Positive PCR lab result for COVID-19

Confirmed Case

Positive lab result
PCR (Swab) for
COVID-19

Household
No symptoms

Friend
Reports symptoms
within 14 days
*Not a case

Neighbor
Reports symptoms within 14 days
*Not a case

Coworker
Reports symptoms
within 14 days
*Not a case

Coworker's Family
No symptoms

Prior to the new case status definition, in order to be counted as a case a person **MUST** have a positive PCR result for COVID-19.

TOTAL CASES: 1
(1 CONFIRMED)

Any contacts of the confirmed case, regardless of symptoms or any other lab (not PCR) positive COVID-19 results, they were not counted as a case

Deaths: Positive PCR COVID-19 result was needed to count towards COVID-19 related death.



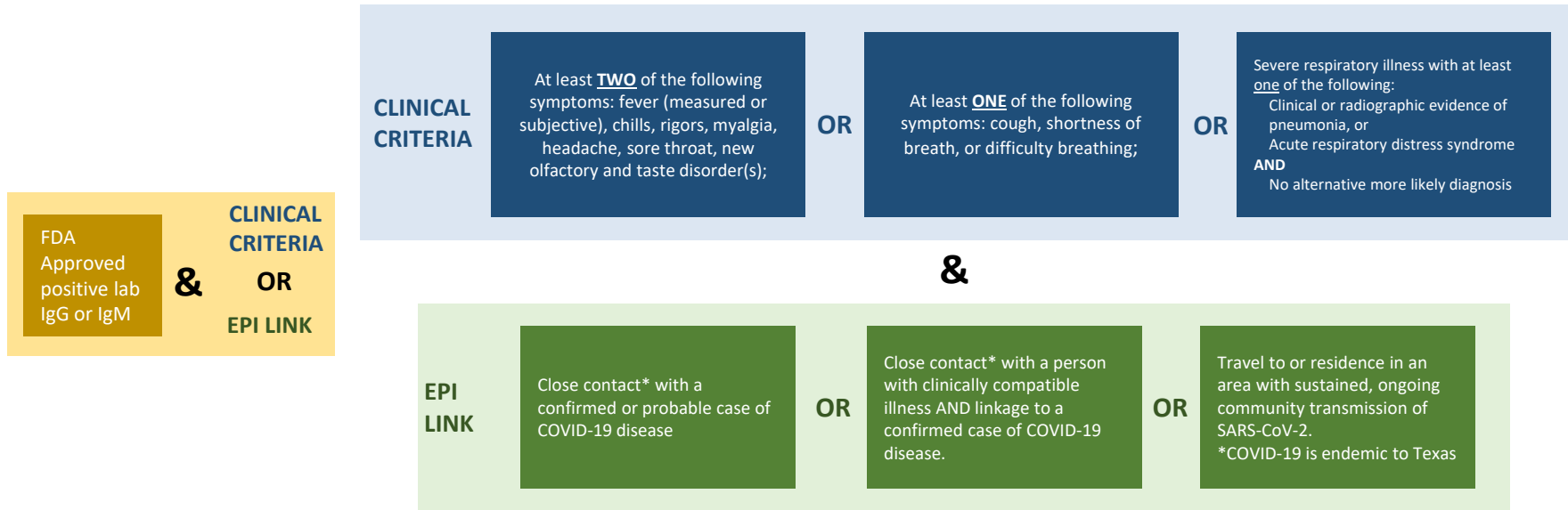
New Case Definition

- Confirmed case definition
 - No change in case definition
 - Need a positive PCR lab result for COVID-19
- **NEW** Probable case definition:
 - FDA approved positive lab with or without symptoms
 - Close contact with confirmed or probable cases
- **NEW** Case definition for deaths related to COVID-19
 - COVID-19 is listed on the death certificate as a cause of death
 - *PCR positive lab result for COVID-19 is no longer required*



NEW Probable Case Definition

- A probable case of COVID-19
 - FDA approved testing (IgG and IgM) **and** Clinical Criteria **or** Epi Link
 - Clinical Criteria and Epi Link



Meaning a case is classified as probable *if* an individual can fit into:

YELLOW box AND BLUE box (without GREEN box)

or

YELLOW box AND GREEN box (without BLUE box)

or

BLUE box AND GREEN box (without YELLOW box)*

**Contact has to be within 14 days of symptom onset.*

****There are 15 different options for a person to be classified as a probable case****

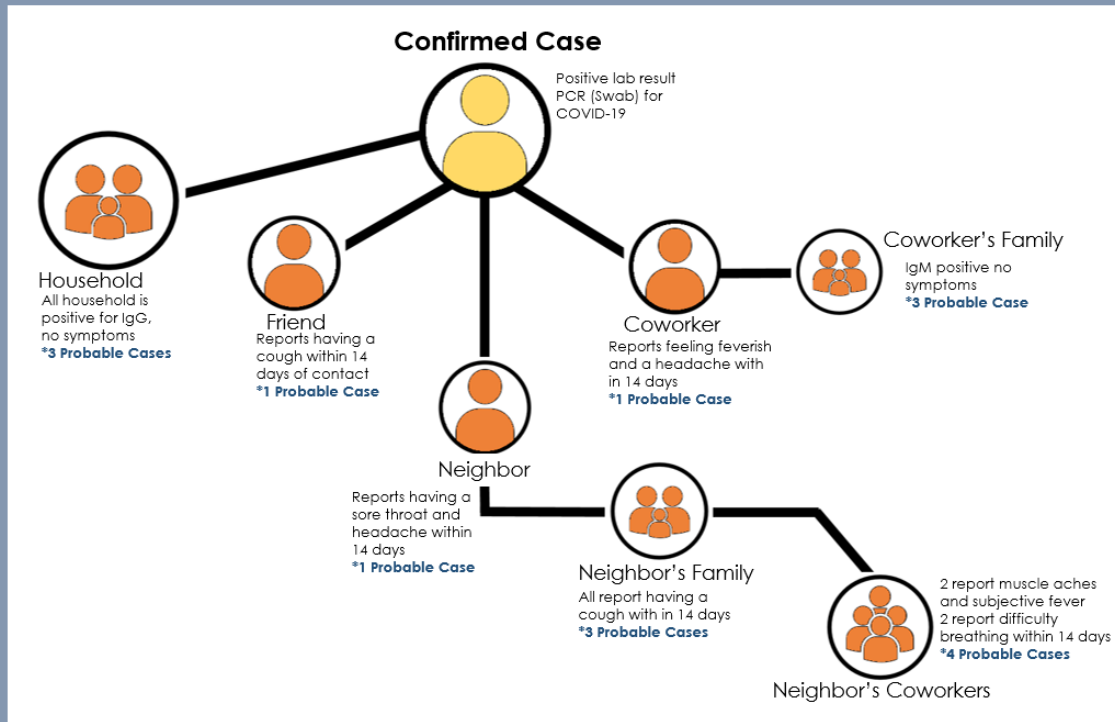


NEW Probable Case Definition

New case status definition:

- FDA approved positive lab: IgG or IgM, with or without symptoms
- Contact with a confirmed or probable case, with symptoms

TOTAL CASES: 17
(1 CONFIRMED)
(16 PROBABLE)



Contacts of a confirmed or probable case can be counted as a probable case if they develop symptoms or if any other lab (not PCR) is positive for COVID-19

Deaths: Positive PCR COVID-19 result is no longer needed, if death certificate lists COVID-19 it will count as COVID-19 related death.



NEW Case Definition for Deaths Related to COVID-19

Example Death Certificate

33. PART 1. ENTER THE <u>CHAIN OF EVENTS</u> - DISEASES, INJURIES, OR COMPLICATIONS - THAT DIRECTLY CAUSED THE DEATH. <u>DO NOT</u> ENTER TERMINAL EVENTS SUCH AS CARDIAC ARREST, RESPIRATORY ARREST, OR VENTRICULAR FIBRILLATION WITHOUT SHOWING THE ETIOLOGY. DO NOT ABBREVIATE. ENTER ONLY ONE CAUSE ON EACH.	
CAUSE OF DEATH	IMMEDIATE CAUSE (Final disease or condition -----> resulting in death)
	a. <u>Leukemia</u> Due to (or as a consequence of):
	b. <u>Cardiac Arrest</u> Due to (or as a consequence of):
	c. <u>Possible COVID-19</u> Due to (or as a consequence of):
	d.
Sequentially list conditions, if any, leading to the cause listed on line a. Enter the UNDERLYING CAUSE (disease or injury that initiated, the events resulting in death) LAST	

Current Case Definition:

*The example death certificate above is **NOT sufficient** it has to be accompanied with a **positive PCR result** to be counted as a COVID-19 related death.*

New Case Definition:

*The example death certificate above is **sufficient** and will be counted as COVID-19 related death. **Positive PCR results are no longer required.***

The number of COVID-19 related deaths is going to increase because of the *new case definition*.

