

Community Transmission Definitions

- Community Impact Map:
<https://doh.sd.gov/news/Coronavirus.aspx#SD>

* Counties
 <35,000
 population

Levels	Definition	Revised Levels	Revised Definition
None	Zero Community-acquired cases	None	0 cases
Minimal/Moderate	1–4 Community-acquired cases	Minimal	<10 cases / 100,000 OR 1–3 cases*
		Moderate	10–100 cases / 100,000 OR 4–9 cases*
Substantial	5+ Community-acquired cases	Substantial	>100 cases / 100,000 OR 10 or more cases*

Community-acquired: no exposure to a COVID-19 case or history of travel to an area with COVID-19 transmission

Rate Calculation

$$\frac{\text{Number of **NEW** cases in the county (Sun – Sat)}}{\text{County Population}} \times 100,000 = \# \text{ Cases per } 100,000$$

EXAMPLE 1 (Brown Co):

$$\frac{5}{38,840}$$

$$\times 100,000 = 12.9$$

MODERATE

EXAMPLE 2 (Clark Co):

$$\frac{11}{3,673}$$

County Population <35,000, so
Rely on # Cases

SUBSTANTIAL