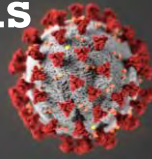


DSHS Region 8

Coronavirus
Update
9/30/2020



Region 8 Responds

The Regional Health and Medical Operations Center (RHMO) is open 8am to 5pm Monday through Friday. Please send inquiries, questions, subscription requests or reports to Region8COVID-19@dshs.texas.gov or call 210-949-2121. **Please Note: The Region 8 Daily Update is intended for emergency managers, elected officials, infection preventionists and public health stakeholders. We encourage you to share with appropriate entities, but we do not consent to posting the Daily Update on social media platforms. Anyone who would like to receive the Daily Update can request to be added to the distribution list by emailing Region8COVID-19@dshs.texas.gov**

A Guide to Making 'Cocktails' to Treat COVID-19

A new method pinpoints every mutation that a crucial SARS-CoV-2 protein could use to evade an attacking antibody. The results could inform the development of antibody treatments for COVID-19.

The immune system produces molecules called antibodies to fend off invaders. Antibodies that bind to an important region of SARS-CoV-2 spike protein can inactivate the viral particles, making such antibodies attractive as therapies. But over time viruses can accumulate mutations—and some can interfere with antibody binding and allow viral particles to 'escape' immune forces,

James Crowe at Vanderbilt University Medical Center in Nashville, Tennessee, James Bloom at the Fred Hutchinson Cancer Center in Seattle, Washington and their colleagues created the most detailed map so far of the spike-protein mutations that could prevent binding by ten human antibodies (A.J. Greaney *et al.* Preprint at bioRxiv <https://doi.org/d8zm>; 2020). The team then used that information to design three antibody cocktails, each consisting of two antibodies.

In laboratory tests of the cocktails against SARS-CoV-2, the virus did not develop mutations that could escape antibody binding. The findings have not yet been peer reviewed.

For more from *Nature*, see <https://www.nature.com/articles/d41586-020-02696-5>

CDC COCA Call: Recommendations for Influenza Prevention and Treatment in Children

On October 8 from 1 to 2 pm central time, the Centers for Disease Control and Prevention (CDC) Clinician Outreach and Communication (COCA) call will focus on Influenza as a serious threat to children due to its potential to cause severe illness and death. Nearly 200 flu-associated deaths in children were reported to the CDC during the 2019-2020 influenza season. Clinicians play a critical role in immunizing children, the children's family members and caregivers, and themselves. While early use of antiviral drugs in children can reduce the duration of symptoms and prevent serious complications, immunization remains the most effective way to prevent influenza and its complications, including death. Immunization is particularly important during the severe COVID-19 pandemic.

During this COCA call, experts from the American Academy of Pediatrics (AAP) and CDC will discuss strategies primary care providers and medical subspecialists can use to improve flu prevention and control in children this season.

A few minutes before the webinar starts, please click on the Zoom link below to join:

<https://www.zoomgov.com/j/1616039348>

Or Telephone: Dial (for higher quality, dial a number based on your current location): US: +1 669 254 5252 or +1 646 828 7666

Webinar ID: 161 603 9348

Advanced registration is not required.

COVID-19 Testing Sites

Registration for mobile testing sites is now available at <https://Texas.curativeinc.com/welcome>. For walk-up sites, registration can be completed on site. For more information on additional test sites state-wide, visit <https://txcovidtest.org>. For more information on San Antonio testing sites, click [here](#). Hospitals and doctors' offices may also provide testing.



TEXAS
Health and Human
Services

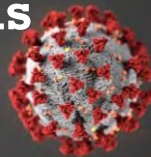
Texas Department of State
Health Services

Dept. of State Health Services
7430 Louis Pasteur
San Antonio, TX 78229
(210) 949-2000 phone
(210) 949-2015 fax

dshs.texas.gov/coronavirus

DSHS Region 8

Coronavirus Update 9/30/2020



COVID-19 Cases at a Glance

Texas				USA			World	
748,967				7,168,077			33,502,430	
REGION 8	Case Type			Status			Summary	
	Pending Investigation	Confirmed	Probable	Active	Recovered	Deaths	Total	New
	1214	75387	12409	2300	75528	1846	89010	+547
Counties								
Atascosa	108	1026	178	3	1293	16	1312	+2
Bandera	12	149	20	1	177	3	181	+1
Bexar	0	47270	10407	1428	45778	1135	57677	+469
Calhoun	103	720	9	9	815	8	832	-
Comal	0	2748	727	134	3225	116	3475	+9
DeWitt	0	936	0	50	840	46	936	-
Dimmit	7	235	3	6	236	3	245	+1
Edwards	5	62	0	0	67	0	67	-
Frio	35	730	31	4	787	5	796	+2
Gillespie	14	300	18	7	323	2	332	-
Goliad	0	155	41	1	191	4	196	-
Gonzales	46	1012	37	3	1083	9	1095	-
Guadalupe	508	3084	311	12	3849	42	3903	+23
Jackson	36	570	2	5	596	7	608	-
Karnes	59	434	21	2	503	9	514	+4
Kendall	28	311	98	0	433	4	437	+5
Kerr	47	545	39	4	618	9	631	-
Kinney	6	38	1	0	45	0	45	-
LaSalle	0	110	9	10	106	3	119	-
Lavaca	66	922	20	36	960	12	1008	+2
Maverick	0	3712	0	333	3255	124	3712	-
Medina	7	848	313	19	1119	30	1168	+2
Real	2	116	1	1	117	1	119	-
Uvalde	0	793	31	11	775	38	824	+3
Val Verde	0	2208	0	129	1977	102	2208	+5
Victoria	0	4076	7	62	3927	94	4083	+7
Wilson	88	814	77	3	956	20	979	+5
Zavala	21	348	8	24	349	4	377	+4
Correctional/ICE Facilities								
TDCJ†	0	796	0	2	794	0	796	+3
ICE‡	6	289	0	1	294	0	295	-
Other§	10	30	0	0	40	0	40	-
†DeWitt: Stevenson Unit (61); Frio: Briscoe Unit (27); Medina: Ney Unit (180), Torres Unit (191); Karnes: Connally Unit (337); LaSalle: Cotulla Unit (247)								
‡Frio County (187), Karnes County (108), LaSalle County (3)								
§Atascosa County Jail (14), Dimmit County Jail (15), Guadalupe County Jail (7), Jackson County Jail (1), Karnes County Jail (2), Uvalde County Jail (1)								
Region 8 Case Summary							Total	New
RHMOC							16604	+57
Community Cases							15473	+54
Inmate†/Detainee‡ Cases							1131	+3
Local Health Entities*							72406	+490
*Bexar, Comal, DeWitt, Goliad, LaSalle, Maverick, Val Verde & Victoria Counties								
TOTAL							89010	+547

Recovery Counts: Region 8 is no longer conducting active case monitoring and will report estimated recovery counts using a time-based strategy to determine the date that a case is no longer likely to be infectious.

