



Department of
Health

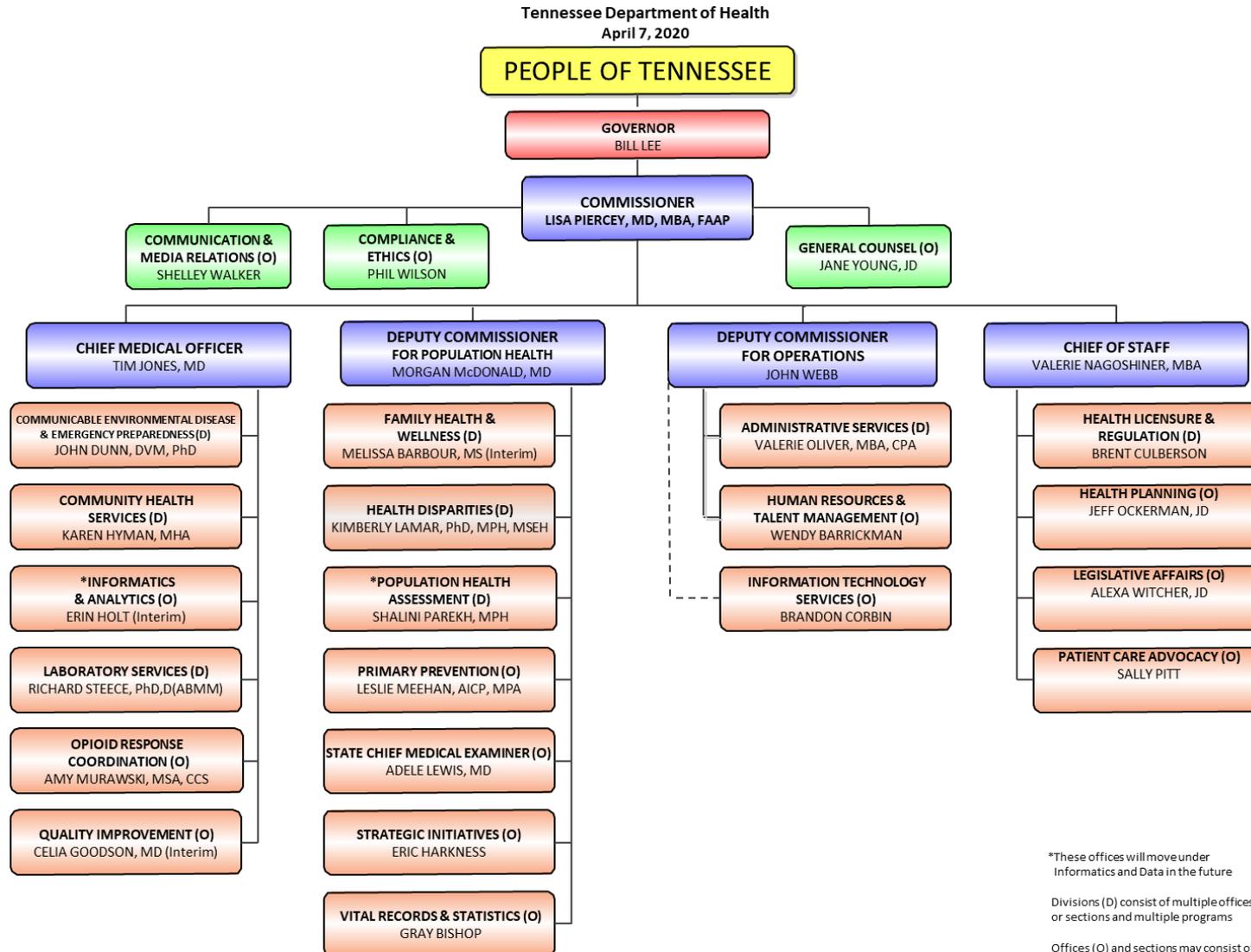
COVID-19 Overview and Resources for New Staff

June 14, 2020



Department Overview

Organization Chart



*These offices will move under Informatics and Data in the future

Divisions (D) consist of multiple offices or sections and multiple programs

Offices (O) and sections may consist of multiple programs and are designated "office" or "section" based on historical usage

CEDEP

DIVISION OF COMMUNICABLE & ENVIRONMENTAL DISEASES & EMERGENCY PREPAREDNESS (CEDEP)

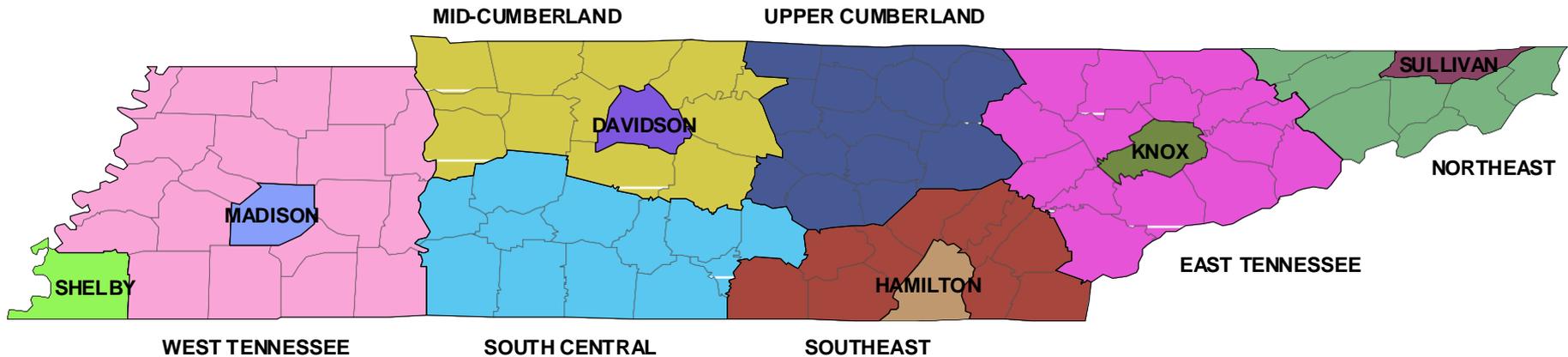
<https://www.tn.gov/health/cedep.html>

Check out this video online!



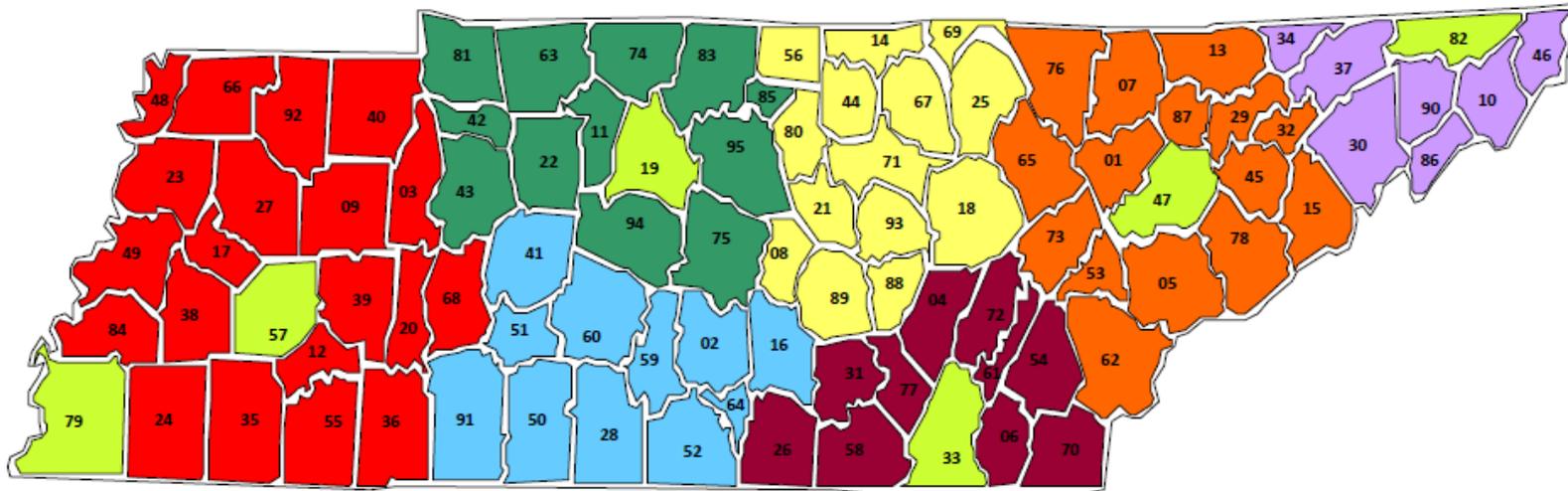
Statewide Structure

Each of the 95 counties has a health department and most of these are grouped into regions
Metropolitan areas (6 large counties) are independent



- 7 Rural Regions
 - East Tennessee
 - Mid-Cumberland
 - Northeast
 - South Central
 - Southeast
 - Upper Cumberland
 - West Tennessee
- 6 Major Metropolitan Areas
 - Chattanooga/Hamilton Co.
 - Jackson/Madison Co.
 - Knoxville/Knox Co.
 - Memphis/Shelby Co.
 - Nashville/Davidson Co.
 - Sullivan Co.

All County Map



West		Mid Cumberland		South Central		Southeast		Upper Cumberland		East		North East	
#	County	#	County	#	County	#	County	#	County	#	County	#	County
03	Benton	11	Cheatham	02	Bedford	04	Bledsoe	08	Cannon	01	Anderson	10	Carter
09	Carroll	22	Dickson	16	Coffee	06	Bradley	14	Clay	05	Blount	30	Greene
12	Chester	42	Houston	28	Giles	26	Franklin	18	Cumberland	07	Campbell	34	Hancock
17	Crockett	43	Humphreys	41	Hickman	31	Grundy	21	DeKalb	13	Claiborne	37	Hawkins
20	Decatur	63	Montgomery	50	Lawrence	54	McMinn	25	Fentress	15	Cocke	46	Johnson
23	Dyer	74	Robertson	51	Lewis	58	Marion	44	Jackson	29	Grainger	86	Unicoi
24	Fayette	75	Rutherford	52	Lincoln	61	Meigs	56	Macon	32	Hamblen	90	Washington
27	Gibson	81	Stewart	59	Marshall	70	Polk	67	Overton	45	Jefferson		
35	Hardeman	83	Sumner	60	Maury	72	Rhea	69	Pickett	53	Loudon		
36	Hardin	85	Trousdale	64	Moore	77	Sequatchie	71	Putnam	62	Monroe		METROS
38	Haywood	94	Williamson	68	Perry			80	Smith	65	Morgan	#	County
39	Henderson	95	Wilson	91	Wayne			88	Van Buren	73	Roane	19	Davidson
40	Henry							89	Warren	76	Scott	33	Hamilton
48	Lake							93	White	78	Sevier	47	Knox
49	Lauderdale									87	Union	57	Madison
55	McNairy											79	Shelby
66	Obion											82	Sullivan
84	Tipton												
92	Weakley												

Reportable Diseases

2020 Tennessee Reportable Disease List for HEALTHCARE PROVIDERS

The diseases, events, and conditions reportable to Tennessee Department of Health (TDH) by healthcare providers are listed below for 2020. Laboratories in healthcare facilities should refer to Page 2 of this document.

Report Via Fax

- Local/Regional Health Offices:
<https://www.tn.gov/health/health-program-areas/localdepartments.html>
- State/CEDEP Fax #: (615) 741-3857

OR

Report Online

- Report conditions online through NBS:
<https://hssi.tn.gov/auth/login>
- To sign up for NBS online reporting, please fill out the REDCap survey: <https://redcap.health.tn.gov/redcap/surveys/?s=BL7CMWHN4M>

More information about reporting is available on the Reportable Diseases website at <https://www.tn.gov/health/cedep/reportable-diseases.html>. For questions, contact CEDEP at (615) 741-7247 or (800) 404-3006.



Regular Reporting

PH-1600 only in 1 week (all diseases)

Phone Immediately + PH-1600 in 1 week

Phone next business day + PH-1600 in 1 week

Special Reporting

All blood lead test results must be reported electronically or via fax. For more information, refer to <https://www.tn.gov/health/health-program-areas/lead-testing.html>, or email UT Division at utdivision@janet.dhs.tn.gov for assistance.

Report in 30 days. For more information, see <https://www.tn.gov/health/health-program-areas/lead-testing.html>.

Neonatal Abstinence Syndrome in 1 month at <https://www.tn.gov/health/health-program-areas/lead-testing.html>

Birth Defects in 1 week at <https://hssc.health.tn.gov/redcap/surveys/?s=BL7CMWHN4M>

Weekly, every Tuesday for the previous week. For more information, see <https://www.tn.gov/content/tn/health/health-program-areas/food-safety/food-safety-overview-reporting.html>

Outbreaks and Events of Urgent Public Health Concern:

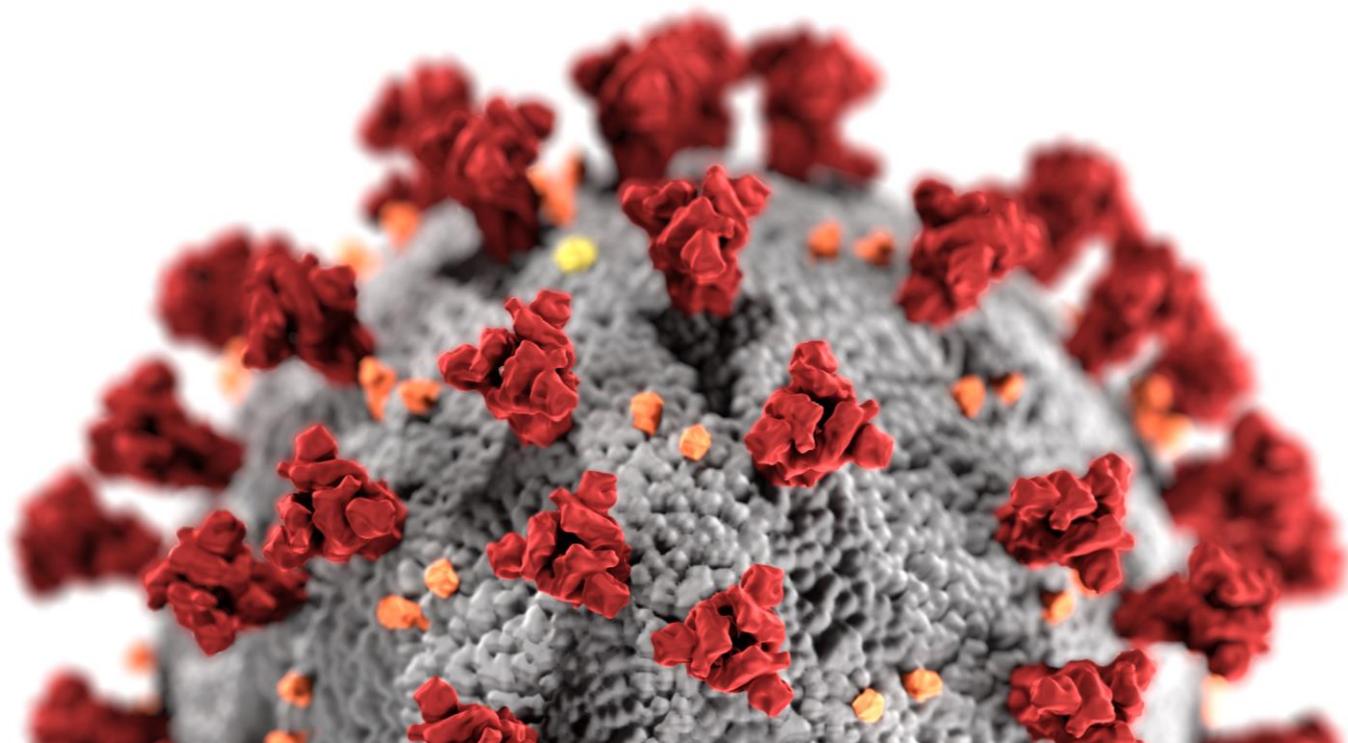
- Disease clusters or outbreaks !
 - Single cases of pan-nonsusceptible organisms, unusual resistance mechanisms, or other emerging or unusual pathogen* !
- *Appendix A of the M100 Performance Standards for Antimicrobial Susceptibility Testing

Anaplasmosis	Influenza A: Novel !
Anthrax !	Lead Levels !
Babesiosis	Legionellosis
Birth Defects !	Listeriosis
Botulism: Foodborne !, Wound !	Lyme Disease
Botulism: Infant	Malaria
Brucellosis	Measles !
California/LaCrosse Serogroup Virus Infection	Meningitis: Other Bacterial
Campylobacteriosis	Meningococcal Disease (Neisseria meningitidis) !
Candida auris (includes rule-out)	Middle East Respiratory Syndrome !
Carbapenem-Resistant Enterobacteriaceae, (all genera)	Mumps
Carbon Monoxide Poisoning	Neonatal Abstinence Syndrome !
Chagas Disease	Nontuberculous Mycobacterium Infection (extrapulmonary only)
Chikungunya	Pertussis
Chlamydia	Plague
Cholera	Polio/myelitis
Colistin-Resistant Gram Negative Bacteria	Q Fever
Congenital Rubella Syndrome	Rabies: Animal, Human !
Cryptosporidiosis	Ricin Poisoning !
Cyclosporiasis	Rubella
Dengue	St. Louis Encephalitis Virus Infection
Diphtheria	Salmonellosis: Typhoid Fever
Drug Overdose (Opioids, Benzodiazepines, Stimulants, Muscle Relaxants)	Salmonellosis: All other species
Ehrlichiosis (including <i>E. chaffeensis</i> and <i>E. ewingii</i>)	Shiga toxin-producing <i>Escherichia coli</i>
Equine Encephalitis Viruses: Eastern, Venezuelan, Western	Shigellosis
Gonorrhea	Smallpox !
Group A Streptococcal Invasive Disease	Spotted Fever Rickettsiosis
Group B Streptococcal Invasive Disease	<i>Staphylococcus aureus</i> : Enterotoxin B
Haemophilus influenzae Invasive Disease	<i>Staphylococcus aureus</i> : Pulmonary Poisoning !
Hansen's Disease (Leprosy)	<i>Staphylococcus aureus</i> : Vancomycin Non-Susceptible (All Forms)
Healthcare Associated Infections:	<i>Streptococcus pneumoniae</i> Invasive Disease
Catheter-Associated Urinary Tract	Syphilis: Congenital, Other
Central Line Associated Bloodstream	Tetanus
Clostridium difficile	Toxic Shock Syndrome: <i>Staphylococcal</i> , <i>Streptococcal</i>
Dialysis Events	Tuberculosis, infection ("latent")* disease
Healthcare Personnel Influenza Vaccination	Tuberculosis, suspected or confirmed active disease
Methicillin-Resistant <i>Staphylococcus aureus</i>	Tularemia
Surgical Site Infections	Vancomycin-Resistant Enterococcus Invasive Disease
Ventilator Associated Events	Variola Deaths
Hemolytic Uremic Syndrome	Vibriosis
Hepatitis A virus	Viral Hemorrhagic Fever !
Hepatitis B virus: acute or perinatal	West Nile Virus Infection: Encephalitis, Fever
Hepatitis C virus: acute or perinatal	Yellow Fever
Human Immunodeficiency Virus/Acquired Immunodeficiency Syndrome	Yersiniosis
Influenza-Associated Deaths:	Zika Virus Disease/Infection
Age <18 Years	
Pregnancy-Associated	

* Healthcare providers should only report "Tuberculosis, infection" (formerly, "latent" TB) for a positive tuberculin skin test (TST) for any child or adolescent < 18 years of age, or a positive Interferon-gamma release assay (IGRA) for a patient of any age. Refer to the PH-1600 for additional directions on how to report.

<https://www.tn.gov/health/cedep/reportable-diseases.html>

Communicable diseases are easily spread from person to person. Prompt reporting of a communicable disease can allow public health officials to locate and treat exposed persons, identify and contain outbreaks, and interrupt disease transmission. The information obtained from disease reporting is also used to monitor disease trends, identify high risk groups, develop policy, and design prevention programs.



TDH COVID-19 Response



Department of
Health

TDH Authority to Respond to COVID-19

TDH is charged by law (TCA 4-3-1803) with a wide variety of powers and duties that protect the public's health, safety and welfare, including:

- Regulating health care professionals
- **Investigating causes of disease, especially epidemics**
- Investigating causes of mortality
- Advising utilities regarding public water supply and sewerage systems
- Inspecting hospitals, nursing homes, institutions, and correctional facilities
- Publishing reports relating to the prevention of diseases and the health and sanitary condition of the state
- Administering programs mandated by the legislature (TB Elimination, TennCare, Children's Special Services, Family Planning, Substance Abuse Treatment, etc.)

COVID-19 Response in TN

TDH has been responding to COVID-19 since January 2020.

Date	Actions
1/16	State Health Operations Center activated.
1/21	Developed triage and surveillance processes and guidance; began healthcare provider call line to answer clinical questions and screen for laboratory testing at CDC
1/23	Distributed first TN Health Alert Network message on COVID-19 to all licensed healthcare providers in TN
1/24	Developed and published TDH Novel Coronavirus webpage
1/31	HHS declared public health emergency for United States
2/7	Returning traveler monitoring implemented in Tennessee
2/21	Tennessee State Public Health Laboratory validated PCR test at the Nashville laboratory
3/5	First Tennessee COVID case announced TDH establishes public information line, staffed by TN Poison Center
3/14	2 nd public information line added at TEMA
3/20	Assessment and testing sites established at rural local health departments
3/20	Received Strategic National Stockpile allocation
4/2	Began registering volunteers for COVID-19 medical and non-medical responders using the Medical Reserve Corps
4/24	Established TDH Enhanced Testing Strategy team to coordinate laboratory testing for vulnerable populations including prisoners, staff and residents at nursing homes, and minority populations.

See more on the Governor's timeline of events: <https://www.tn.gov/governor/covid-19/covid19timeline.html>



Major Response Activities

There are numerous initiatives involved in the COVID-19 response:

Investigation:

- Investigate COVID-19 cases
- Conduct contact tracing of COVID-19 cases
- Monitor cases and contacts
- Respond to clusters and outbreaks

Education/Outreach:

- Provide education to state and local partners/organizations about: disease, prevention, risk and reopening
- Assist groups in preparing for COVID-19
- Develop and maintain resources for the public and partners/organizations

Data/Reporting:

- Collect complete and accurate data
- Analyze data
- Report data: publicly and to local, state and federal partners

Testing:

- Providing laboratory capacity for COVID-19 testing
- Maintain COVID-19 assessment sites
- Support targeted testing initiatives

Preparedness:

- Support the establishment of alternate care sites
- Acquire and distribute supplies
- Plan for vaccine distribution

TDH COVID-19 Webpage

Coronavirus Disease (COVID-19)

 [Click here for locations of testing sites.](#)

 COVID-19 Public Information Number [877-857-2945](tel:877-857-2945) or 833-556-2476 Available 10 a.m. – 8 p.m. Monday – Friday and 10 a.m. – 4 p.m., Saturday and Sunday.

30,432
Cases

+891 since
yesterday

19,896
Recovered

+165 since
yesterday

475
Deaths

+3 since
yesterday

2,087
Hospitalized

+14 since
yesterday

615,043
Tested

+13,882 since
yesterday

▼ [Click here for complete data report, including county level information.](#)

Cases by County



Patients



Public



Healthcare
Providers &
Laboratories



Testing Sites



Public Health



Mental Health



Community
Guidance



Educational
Organizations



Congregate
Care Settings



Help Out

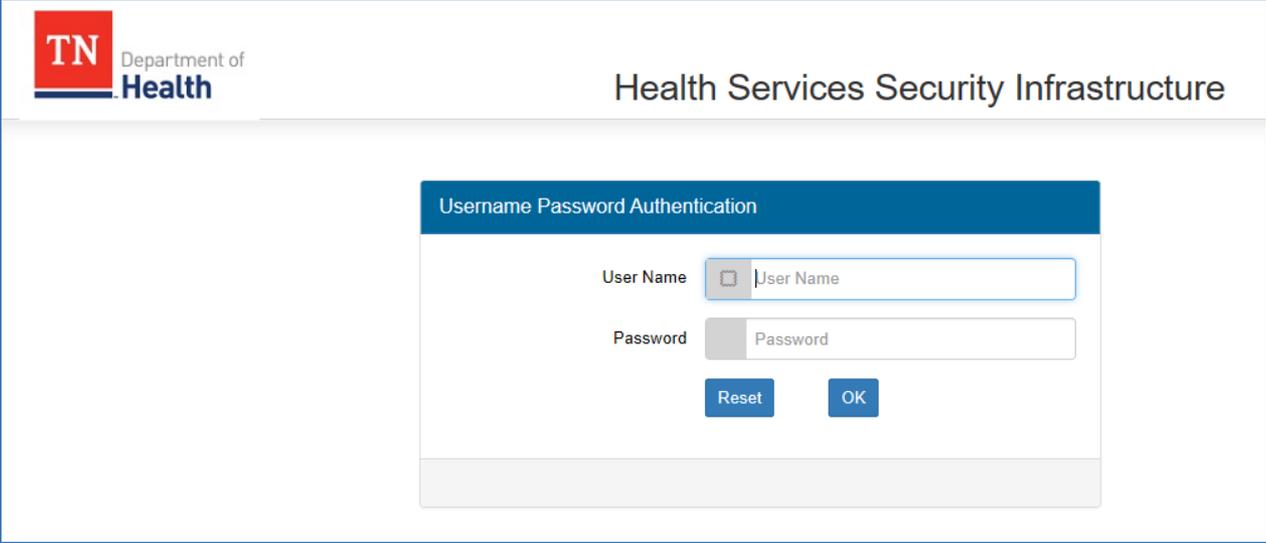
<https://www.tn.gov/health/cedep/ncov.html>

Find data, resources and tools for public health on this website.

Watch a brief (10 min) overview video of the webpage [here](#).

Database: NBS

- Database that houses all COVID-19 case information
- Based off of National Electronic Disease Surveillance System (NEDSS), developed by CDC
- NEDSS Base System = NBS
- Login: <https://hssi.tn.gov/auth/login>



The screenshot displays a web interface for the Health Services Security Infrastructure. In the top left corner, there is a logo for the TN Department of Health, consisting of a red square with 'TN' in white and the text 'Department of Health' to its right. The page title 'Health Services Security Infrastructure' is centered at the top. Below this, a central form titled 'Username Password Authentication' is shown. The form has a blue header bar with the title. It contains two input fields: 'User Name' with a small square icon to its left and a text box containing 'User Name'; and 'Password' with a small square icon to its left and a text box containing 'Password'. Below the input fields are two blue buttons: 'Reset' and 'OK'.

NBS Resources

- [NBS User Guide for COVID-19 Investigations](#)
- [NBS User Guide for COVID-19 Labs](#)
- [Searching for a Patient in NBS](#)
- [Processing OOT Cases in NBS](#)

QUICK COVID-19 GUIDE

NEDSS Base System (NBS)
User Guide for COVID-19 Investigations



Division of Communicable and Environmental Diseases and Emergency Preparedness

<https://hssi.tn.gov/auth/login>

Version 1
May 1, 2020

May 26, 2020 V3

QUICK COVID-19 GUIDE

NEDSS Base System (NBS)
User Guide for COVID-19 Labs



Division of Communicable and Environmental Diseases and Emergency Preparedness

<https://hssi.tn.gov/auth/login>

Version 3
May 26, 2020

Database: REDCap

- Secure database used for many projects, including case and contact monitoring, storing data files and organizing remote assessment site testing information
- Login: <https://redcap.health.tn.gov/redcap/>



REDCap[®]

Log In

TN Department of Health

Communicable/Environmental Diseases & Emergency Preparedness

Need help/training with REDCap?
If you have any questions about REDCap or need training/technical assistance, please contact us at: CEDEP.REDCap@TN.gov. Most problems can be resolved within 1 business day. Learn more about REDCap by watching the [video \(14 minutes\)](#).

Need to change your password?
(1) Log in to REDCap, (2) At the top right of the page, click on My Profile, (3) Under Login-related options, click Reset password.

Forgot your password?
(1) Click on the Forgot your password? link, (2) Verify your username, (3) Check your email (Subject: REDCap password reset).

[New User Request](#) [New Project Request](#) [Latest REDCap Features](#)

Please log in with your user name and password. If you are having trouble logging in, please contact CEDEP.REDCap@TN.gov.

Username:

Password:

[Log In](#) [Forgot your password?](#)

TDH & CDC Resources

General Information:

- [Learn more about this disease](#)
- Testing: [What to Expect After Being Tested](#)
- Cases: [What to Expect After Being Diagnosed](#)
- Contacts: [What to Expect If You Were Possibly Exposed](#)

Public Health Resources:

- [CDC PUI Form](#)
- [COVID-19 Case Definition](#)
- [TDH Release from Isolation and Quarantine](#)

More Information:

<https://www.tn.gov/health/cedep/ncov/public-health.html>

<https://www.tn.gov/health/cedep/ncov/public.html>

<https://www.cdc.gov/coronavirus/2019-ncov/index.html>

COVID-19 Staff Onboarding Resource Checklist

Please familiarize yourself with resources available from TDH and other partners.

Tennessee Department of Health COVID-19 Resources			
	TDH COVID-19 Home Page	Case counts updated every day at 2:00 pm.	https://www.tn.gov/health/cedep/ncov.html
	TDH COVID-19 Home Page Video!	10 min video overview of webpage!	https://urldefense.com/v3/https://tngov.webex.com/jtngo/v/ldr.php?RCID=2da00c86044bcd291bc690cfae457a16_!!PRTDf9A!66cu!8QCTNyFdQmGm1jaDlvokdo7xMNTWq11LnGhirzllgFYDU4vr-Nv_KKeQR-uMTZS
	Releasing Cases and Contacts From Isolation and Quarantine	Guidance for cases, household contacts and non-household contacts.	https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/Isolation-QuarantineRelease.pdf
	Weekly Situation Summary	Surveillance and response activities, executive orders and updated CDC resources for the week.	https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/TDH-COVID-19-Sit-Summary-Week.pdf
	Case Definition	How TDH classifies cases: confirmed, probable, suspect, unknown and not a case.	https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/COVID-Case-Definition.pdf
	What to Expect After Being Diagnosed	Handout for cases	https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/CaseGuidance.pdf
	What to Expect If You Were Possibly Exposed	Handout for contacts	https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/CloseContactGuidance.pdf

Contact Tracing/Monitoring			
	Coursera: Johns Hopkins University COVID-19 Contact Tracing	Online course via Coursera. ~5 hours to complete.	https://www.coursera.org/learn/covid-19-contact-tracing?edocomorp=covid-19-contact-tracing
	ASTHO: Making Contact: A Training for COVID-19 Contact Tracers	Focuses on building knowledge for remote contact tracing.	https://learn.astho.org/products/making-contact-a-training-for-covid-19-contact-tracers
	CDC: COVID-19 Sample Training Plans, Guidance, and Resources		https://www.cdc.gov/coronavirus/2019-ncov/php/contact-tracing/index.html
	CDC: Analyze Case Investigation Encounters for Continuous Quality	Case investigation training plan	https://www.cdc.gov/coronavirus/2019-ncov/php/contact-tracing/analyze-case-investigation-encounters.html

NBS			
	User Guide for COVID-19 Investigations		https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/COVID-NBS-Investigation-Guidance.pdf
	User Guide for COVID-19 Labs		https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/COVID-NBS-Lab-Guidance.pdf
	Processing Out of TN COVID-19 Labs and Cases		https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/Out-of-TN-COVID-Process_RegionMetro.pdf
	Searching for a Patient in NBS		https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/PatientSearch.pdf

Data/Mapping			
	COVID-19 Dashboard by the Center for Systems Science and Engineering at Johns Hopkins University	Confirmed cases, deaths and recoveries globally.	https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6
	CDC: Cases in the United States	Breakdowns by jurisdiction, county, day, etc., available.	https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html

Other			
	Region IV Public Health Trainings	Many free trainings offered related to COVID-19	http://www.r4phtc.org/trainings-results/?_sf_s=covid
	Racial Disparities in COVID-19: A Public Health Perspective and Local Response	Addressing COVID-19 racial disparities	http://www.r4phtc.org/racial-disparities-in-covid-19-a-public-health-perspective-and-local-response/
	Building Psychological Resilience for the Public Health Workforce during the COVID19 Pandemic	Addressing your psychological health	http://www.r4phtc.org/building-psychological-resilience-for-the-public-health-workforce-during-the-covid19-pandemic/
	Basic Tenets of Risk Communication for Public Health Professionals	Learn how to communicate risk with others	http://www.r4phtc.org/basic-tenets-of-risk-communication-for-public-health-professionals/