

# Appendix E: Additional Resources

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## DISEASE INVESTIGATION TOOLS

- The Emerging and Acute Infectious Disease Guidelines:  
<http://www.dshs.texas.gov/IDCU/investigation/Investigation-Guidance.xls>  
or  
<http://www.dshs.texas.gov/IDCU/investigation/Guidance-Manuals.xls>
- The Epi Case Criteria Guide:  
<http://www.dshs.texas.gov/IDCU/investigation/Guidance-Manuals.xls>
- NBS (NEDSS) Data Entry Guidelines:  
<https://txnedss.dshs.state.tx.us:8009/PHINDox/UserResources/>
- DSHS Reporting Forms: [www.dshs.texas.gov/idcu/investigation/forms/](http://www.dshs.texas.gov/idcu/investigation/forms/)
- Investigation Forms and tools: [www.dshs.texas.gov/idcu/investigation/](http://www.dshs.texas.gov/idcu/investigation/)
- Notifiable Conditions List:  
<http://www.dshs.texas.gov/idcu/investigation/conditions/>
- Hep A toolkit:  
[http://www.dshs.texas.gov/idcu/disease/hepatitis/hepatitis\\_a/links/](http://www.dshs.texas.gov/idcu/disease/hepatitis/hepatitis_a/links/)
- Measles toolkit:  
<http://www.dshs.texas.gov/idcu/disease/measles/links/>
- Pertussis toolkit:  
<http://www.dshs.texas.gov/idcu/disease/pertussis/links/>
- Laboratory Submission Guide: [www.dshs.texas.gov/lab/MRS\\_labtests\\_toc.shtm](http://www.dshs.texas.gov/lab/MRS_labtests_toc.shtm)
- Council to Improve Foodborne Outbreak Response (CIFOR) Guidelines:  
<http://cifor.us/products/guidelines>
- CDC Legionellosis Hypothesis- Generating Questionnaire:  
[www.cdc.gov/legionella/health-depts/inv-tools-single/index.html](http://www.cdc.gov/legionella/health-depts/inv-tools-single/index.html)
- CDC *Legionella* Environmental Assessment Form:  
<http://www.cdc.gov/legionella/health-depts/inv-tools-cluster/environmental-inv-tools.html>
- Texas Influenza Surveillance Handbook:  
[www.dshs.texas.gov/idcu/disease/influenza/Texas-Influenza-Surveillance-Handbook/](http://www.dshs.texas.gov/idcu/disease/influenza/Texas-Influenza-Surveillance-Handbook/)
- Vaccine Information Sheets:  
<http://www.dshs.texas.gov/immunize/literature/litlist.shtm>
- A Primer for Lone Ranger Epidemiologists in Texas Counties  
<http://www.dshs.texas.gov/IDCU/investigation/Guidance-Manuals.xls>

- Communicable Disease Chart and Notes for Schools and Child-Care Centers (i.e., School Exclusion chart)
  - Copies can be ordered at  
<https://secure.immunizetexasorderform.com/default.asp>
- Texas Food Establishment Rules (TFER)  
<https://www.dshs.texas.gov/foodestablishments/laws-rules.aspx>

## HELPFUL DSHS WEBSITES

- Main Agency Website: [www.dshs.texas.gov/](http://www.dshs.texas.gov/)
- Emerging and Acute Infectious Disease Branch:  
[www.dshs.texas.gov/idcu/health/ideas/](http://www.dshs.texas.gov/idcu/health/ideas/)
- State and county level data by condition can be found on the EAIDU website  
[www.dshs.texas.gov/idcu/Data/Annual/](http://www.dshs.texas.gov/idcu/Data/Annual/)
- Foodborne Illness Main Page:  
[http://www.dshs.texas.gov/idcu/health/foodborne\\_illness/](http://www.dshs.texas.gov/idcu/health/foodborne_illness/)
- Food Establishments Group, Rules and Regulations:  
<https://www.dshs.texas.gov/foodestablishments/laws-rules.aspx>
- Perinatal Hepatitis B Prevention Program:  
<https://www.dshs.texas.gov/immunize/perinatal-hepatitis-B/>
- Immunization Unit: <https://www.dshs.texas.gov/immunize/>
- Infectious Disease Control Unit: <http://www.dshs.texas.gov/idcu/>
- Laboratory Services Section Main Page:  
<http://www.dshs.texas.gov/lab/>
- Recommended Immunization Schedules:  
<http://www.dshs.texas.gov/immunize/schedule/default.shtm>
- School & Child-Care Facility Immunization Requirements:  
<http://www.dshs.texas.gov/immunize/school/default.shtm>
- Texas Administrative Code (TAC), Title 25 Health Services, §§97.1-97.14:  
[http://texreg.sos.state.tx.us/public/readtac\\$ext.ViewTAC?tac\\_view=4&ti=25&pt=1&ch=97](http://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=4&ti=25&pt=1&ch=97)
- Texas Flu Home: <http://www.dshs.texas.gov/flu/>
- Vaccine Adverse Event Reporting System (VAERS):  
[www.dshs.texas.gov/immunize/safety/vaersweb.shtm](http://www.dshs.texas.gov/immunize/safety/vaersweb.shtm)

- Vaccine Preventable Diseases Main Page:  
[www.dshs.texas.gov/idcu/health/vaccine\\_preventable\\_diseases/](http://www.dshs.texas.gov/idcu/health/vaccine_preventable_diseases/)
- Antibiotic-Resistance / MDRO Main Page:  
[http://www.dshs.texas.gov/idcu/health/antibiotic\\_resistance/](http://www.dshs.texas.gov/idcu/health/antibiotic_resistance/)

## HELPFUL CDC WEBSITES

- CDC Vaccine Preventable Diseases:  
<https://www.cdc.gov/vaccines/vpd/>
- Manual for the Surveillance of Vaccine Preventable Diseases:  
[www.cdc.gov/vaccines/pubs/surv-manual/index.html](http://www.cdc.gov/vaccines/pubs/surv-manual/index.html)
- Morbidity and Mortality Weekly Report (MMWR): [www.cdc.gov/mmwr/](http://www.cdc.gov/mmwr/)
- Epidemiology and Prevention of Vaccine Preventable Disease (Pink Book):  
[www.cdc.gov/vaccines/pubs/pinkbook/index.html](http://www.cdc.gov/vaccines/pubs/pinkbook/index.html)
- Epidemiology & Prevention of Vaccine-Preventable Diseases 2012 (EpiVac) Web-On-Demand Modules: <https://www.cdc.gov/vaccines/ed/webinar-epv/index.html>
- Recommendations of the Advisory Committee on Immunization Practices (ACIP) Influenza Prevention and Control Recommendations:  
[www.cdc.gov/flu/professionals/acip/index.htm](http://www.cdc.gov/flu/professionals/acip/index.htm)
- Foodborne Outbreaks:  
<http://www.cdc.gov/foodsafety/outbreaks/>
- Food Safety:  
<http://www.cdc.gov/foodsafety/>
- National Outbreak Reporting System (NORS)  
<http://www.cdc.gov/nors/>
- Centers for Disease Control and Prevention *Streptococcus pneumoniae* information:  
<http://www.cdc.gov/pneumococcal/about/index.html>
- Centers for Disease Control and Prevention group A *Streptococcus* information:  
<http://www.cdc.gov/groupastrep/index.html>
- Centers for Disease Control and Prevention group B *Streptococcus* information:  
<http://www.cdc.gov/groupbstrep/index.html>
- Centers for Disease Control and Prevention Antibiotic/ Antimicrobial Resistance:  
<http://www.cdc.gov/drugresistance/about.html>
- Centers for Disease Control and Prevention Drug Resistance Threat Report 2013:  
<http://www.cdc.gov/drugresistance/threat-report-2013/pdf/ar-threats-2013-508.pdf>

- Centers for Disease Control and Prevention – CRE Toolkit updated 2015: <https://www.cdc.gov/hai/organisms/cre/cre-toolkit/>
- Centers for Disease Control and Prevention - Surveillance Reporting for Enrolled Facilities <https://www.cdc.gov/nhsn/enrolled-facilities/index.html>
- Centers for Disease Control and Prevention MDRO and CDI module 2017 [https://www.cdc.gov/nhsn/pdfs/pscmanual/12pscmdro\\_cdadcurrent.pdf](https://www.cdc.gov/nhsn/pdfs/pscmanual/12pscmdro_cdadcurrent.pdf)
- Centers for Disease Control and Prevention - [Healthcare Infection Control Practices Advisory Committee \(HICPAC\) 2007 Guideline for Isolation Precautions](https://www.cdc.gov/hicpac/2007IP/2007ip_appendA.html) [https://www.cdc.gov/hicpac/2007IP/2007ip\\_appendA.html](https://www.cdc.gov/hicpac/2007IP/2007ip_appendA.html)
- Centers for Disease Control and Prevention Ebola (Ebola Virus Disease) information: <http://www.cdc.gov/vhf/ebola/>
- Centers for Disease Control and Prevention Viral Hemorrhagic Fevers (VHFs) information: <http://www.cdc.gov/vhf/virus-families/index.html>
- Centers for Disease Control and Prevention Neglected Tropical Disease information: <http://www.cdc.gov/globalhealth/ntd/>
- Council of State and Territorial Epidemiologists Revised Guidelines for Determining Residency for Disease Notification Purposes <http://www.cdc.gov/ndss/document/11-SI-04.pdf>

## ADDITIONAL LINKS AND RESOURCES

- [Control of Communicable Diseases Manual](#) (20<sup>th</sup> Edition). Heymann, D.L. (Ed). American Public Health Association: Washington; 2015. [www.unboundmedicine.com/ccdm/ub](http://www.unboundmedicine.com/ccdm/ub) (A subscription is required for full online access. If you are in need of a printed book copy, please contact DSHS IDCU.)
- Red Book: 2015 Report of the Committee on Infectious Diseases (30<sup>th</sup> Edition). Kimberlin DW, Long SS, Brady MT, Jackson MA (Eds). American Academy of Pediatrics: Elk Grove Village, IL; 2015. [aapredbook.aappublications.org/](http://aapredbook.aappublications.org/) (A subscription is required for full online access. DSHS employees can access this through the DSHS Library.)
- FDA Bad Bug Book; Handbook of Foodborne Pathogenic Microorganisms and Natural Toxins: <http://www.fda.gov/downloads/food/foodborneillnesscontaminants/ucm297627.pdf>
- FDA Recalls of Food & Dietary Supplements: <http://www.fda.gov/food/recallsoutbreakemergencies/recalls/default.htm>
- Hepatitis B Foundation: [www.hepb.org/](http://www.hepb.org/)
- Immunization Action Coalition: [www.immunize.org/](http://www.immunize.org/)

- Viral Hepatitis Serology Training Online:  
[www.cdc.gov/hepatitis/Resources/Professionals/Training/Serology/training.htm](http://www.cdc.gov/hepatitis/Resources/Professionals/Training/Serology/training.htm)
- Prevention of Invasive Group A Streptococcal Disease among Household Contacts of Case Patients and among Postpartum and Postsurgical Patients: Recommendations from the Centers for Disease Control and Prevention:  
<http://cid.oxfordjournals.org/content/35/8/950.long>
- American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) guidance for legionellosis:
  - ASHRAE Standard 12-2000: “Minimizing the Risk of Legionellosis Associated with Building Water Systems”:  
<https://www.baltimoreaircoil.com/english/ashrae12>
  - ANSI/ASHRAE Standard 188-2015: “Legionellosis: Risk Management for Building Water Systems”: <https://www.ashrae.org/resources--publications/bookstore/ansi-ashrae-standard-188-2015-legionellosis-risk-management-for-building-water-systems>
- Texas Food Safety and Defense Task Force  
<https://tx.foodprotectiontaskforce.com/>
- Texas Legionellosis Task Force Guidance:  
[www.dshs.texas.gov/idcu/disease/legionnaires/taskforce/](http://www.dshs.texas.gov/idcu/disease/legionnaires/taskforce/)
- Certification Board of Infection Control and Epidemiology  
<http://www.cbic.org/>
- Association for Professionals in Infection Control and Epidemiology  
<http://www.apic.org/>
- Association for Professions in Infection control and Epidemiology – Guide to the Elimination of Multidrug resistant *Acinetobacter baumannii* transmission in Healthcare Settings [http://www.apic.org/Resource\\_/EliminationGuideForm/b8b0b11f-1808-4615-890b-f652d116ba56/File/APIC-AB-Guide.pdf](http://www.apic.org/Resource_/EliminationGuideForm/b8b0b11f-1808-4615-890b-f652d116ba56/File/APIC-AB-Guide.pdf)

## ACRONYMS & ABBREVIATIONS

<b>Acronym</b>	<b>Meaning</b>
AAP	American Academy of Pediatrics
ACIP	Advisory Committee on Immunizations Practices
AFRI	Acute febrile respiratory illness
Ag	Antigen
AIDS	Acquired immune deficiency syndrome
ALF	Assisted living facility
APIC	Association for Professionals in Infection Control and Epidemiology
ARDS	Acute respiratory distress syndrome
ARI	Acute respiratory illness
ASAP	As soon as possible
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
AVR	Antiviral resistant
BAL	Bronchoalveolar lavage
BMI	Body mass index
BSL	Biosafety Level
BT	Bioterrorism
BCYE	Buffered charcoal yeast extract (agar)
ccIVV	Cell culture-based inactivated influenza vaccine
CDC	Centers for Disease Control and Prevention
CIDRAP	Center for Infectious Disease Research and Policy (University of Minnesota)
CIDT	Culture-independent diagnostic testing
CLIA	Clinical Laboratory Improvement Amendments
CLSI	Clinical and Laboratory Standards Institute
CMS	Centers for Medicaid and Medicare Services
CMV	Cytomegalovirus
CNS	Central nervous system
CO	(DSHS) Central office
CO <sub>2</sub>	Carbon dioxide
COB	Close of business
COPD	Chronic obstructive pulmonary disease
CRE	Carbapenem-resistant <i>Enterobacteriaceae</i>
CRS	Congenital rubella syndrome
CSF	Cerebrospinal fluid
CSTE	Council of State and Territorial Epidemiologists
CSV	Comma-separated values
Cx	Culture
DFA	Direct fluorescent antibody test
DGMQ	(CDC) Division of Global Migration and Quarantine
DNA	Deoxyribonucleic acid
DOB	Date of birth
DOD	Date of death
DSHS	(Texas) Department of State Health Services
DTP	Diphtheria and Tetanus Toxoids and Pertussis (vaccine)
TT	Tetanus toxoids

<b>Acronym</b>	<b>Meaning</b>
ED	Emergency department
EIA	Enzyme immunoassay (interchangeable with ELISA)
ELC	Epidemiology & Laboratory Capacity
ELISA	Enzyme-linked immunosorbent assay (interchangeable with EIA)
ELITE	Environmental Legionella Isolation Techniques Evaluation (program)
EMS	Emergency medical services
ER	Emergency room
ERT	(DSHS) Epidemiology Response Team
EVD	Ebola virus disease
FDA	Food and Drug Administration
FLA	Free living ameba
FTM	Flu transport medium
GAE	Granulomatous Amebic Encephalitis
GAS	Group A Streptococcus
GBS	Group B Streptococcus
GISN	(WHO) Global Influenza Surveillance Network
HAI	Healthcare-associated infection
HAV	Hepatitis A virus
HBcAg	Hepatitis B core antigen
HBeAg	Hepatitis B e antigen
HBIG	Hepatitis B immune globulin
HBsAg	Hepatitis B virus surface antigen
HBV	Hepatitis B virus
HCP	Healthcare provider/professional
HCV	Hepatitis C virus
HCW	Healthcare worker
HD	Health department
HHS	Health and Human Services
HI	Hemagglutination inhibition
Hib	<i>Haemophilus influenzae</i> type B
HICPAC	Healthcare Infection Control Practices Advisory Committee
HIV	Human immunodeficiency virus
HPAI	Highly pathogenic avian influenza
HSR	(DSHS) Health Service Region
HVAC	Heating, ventilation, and air conditioning
Hx	History
IATA	International Air Transport Association
IC	Infection control
ICD	International Classification of Diseases
ICP	Infection control practitioner
ICS	Incident command system
ICU	Intensive care unit
ID	Identification
IDCU	(DSHS) Infectious Disease Control Unit
IG	Immune globulin



<b>Acronym</b>	<b>Meaning</b>
IgA	Immunoglobulin A
IgG	Immunoglobulin G
IGIV	Immune globulin intravenous
IgM	Immunoglobulin M
IHC	Immunohistochemical
IIF	Indirect Immunofluorescence
IISP	Influenza Incidence Surveillance Project
IIV	Inactivated influenza vaccine
IIV3	Trivalent inactivated influenza vaccine
IIV4	Quadrivalent inactivated influenza vaccine
ILI	Influenza-like illness
ILINet	U.S. Outpatient Influenza-like Illness Surveillance Network
IM	Intramuscular
ImmTrac	(Texas Immunization registry)
IP	Infection preventionist
IPV	Inactivated Polio Vaccine
IRID	(DSHS) Infectious Respiratory and Invasive Disease (Team)
ITM	Influenza transport medium
IVDU	Intravenous Drug Use(r)
IVIG	Intravenous immunoglobulin
KPC	<i>Klebsiella pneumoniae</i> carbapenemase
LAIV	Live, attenuated influenza vaccine
LHD	Local health department
LIMS	Laboratory information management system
LRN	Laboratory Response Network
LTC	Long term care (facility)
MAARI	Medically attended acute respiratory illness
MC	Mail code
MD	Medical doctor
MDRO	Multidrug-resistant organisms
MHT	Modified Hodge test
MMR	Measles, mumps, and rubella (vaccine)
MMWR	Morbidity and Mortality Weekly Report
MOA	Memorandum of agreement
MOU	Memorandum of understanding
MRSA	Methicillin-resistant <i>Staphylococcus aureus</i>
MSSA	Methicillin-sensitive <i>Staphylococcus aureus</i>
N/A	Not applicable
NAT	Nucleic acid testing
NBS	NEDSS Base System
NDM	New Delhi Metallo-beta-lactamase
NEDSS	National Electronic Disease Surveillance System
NF	Necrotizing fasciitis
NORS	National Outbreak Reporting System
NPI	National provider identifier

<b>Acronym</b>	<b>Meaning</b>
NREVSS	National Respiratory and Enteric Virus Surveillance System
NVSN	New Vaccine Surveillance Network
OP	Oropharyngeal
OPV	Oral Polio Vaccine
OTC	Over-the-counter
PAHO	Pan American Health Organization
PAM	Primary amebic meningoencephalitis
PCV7	Pneumococcal conjugate vaccine 7-valent
PCV13	Pneumococcal conjugate vaccine 13-valent
PFGE	Pulsed-field gel electrophoresis
PCR	Polymerase chain reaction
PEP	Post exposure prophylaxis
PHEP	Public Health Emergency Preparedness
PHLIMS	Public health laboratory information management system
PHP	Public Health Preparedness
PIO	Public Information Office
PO	<i>Per os</i> (oral administration) or post office
PPE	Personal protective equipment
PPSV23	Pneumococcal polysaccharide vaccine 23-valent
PPV	Positive predictive value
ProMed	Program for Monitoring Emerging Diseases
PUI	Patient under investigation
PVA	Polyvinyl alcohol
RHD	Regional health department
RIV	Recombinant (hemagglutinin) influenza vaccine
RNA	Ribonucleic acid
rRT-PCR	Real-time reverse transcription polymerase chain reaction
SARI	Severe acute respiratory illness
SHD	State health department
SOB	Shortness of breath
SSN	Social security number
SST	Serum separator tube
Sx	Symptoms
TAC	Texas Administrative Code
TAHC	Texas Animal Health Commission
Td	Tetanus-diphtheria (vaccine)
Tdap	Tetanus toxoid, Reduced Diphtheria toxoid, Acellular Pertussis (vaccine) (7 & older)
TIG	Tetanus immune globulin
TIV	Trivalent inactivated vaccine (used prior to 2013-14 influenza season)
TMP-SMP	Trimethoprim/sulfamethoxazole (antibiotic)
TPI	Texas provider identifier
TPW	Texas Parks and Wildlife
TSS	Toxic shock syndrome
TT	Tetanus toxoid
USMU	(CDC) US-Mexico Unit

<b>Acronym</b>	<b>Meaning</b>
UTM	Universal transport medium
VariZIG	Varicella Zoster immune globulin
VHF	Viral hemorrhagic fever
VISA	Vancomycin-intermediate <i>Staphylococcus aureus</i>
VPD	Vaccine preventable disease
VRSA	Vancomycin-resistant <i>Staphylococcus aureus</i>
VTM	Viral transport medium
VZV	Varicella zoster virus
WHO	World Health Organization