

LEGIONELLOSIS INVESTIGATION REPORT FORMLocal health departments should fax completed investigation form to regional DSHS office.
Regional DSHS offices should fax completed investigation form to 512-776-7616.

NBS ID:		Case status: ☐ Confirmed ☐ Not a Case
Patient name:		Reported by:
Last First		Agency:
Address:		Phone: Report date:
City: County:		
Phone 1: Phone 2:		Investigated by:
Birthdate: Age: Sex: □M	lale □Female □Unknown	Agency:
Race: □White □Black □Asian □Pacific Islander	□Native American/Alaskan	Email:
□Unknown □ Other:		Investigation start date:
Hispanic: ☐ Yes ☐ No ☐ Unknown		Date investigation completed:
CLINICAL DATA		UNDERLYING HEALTH CONDITIONS
Symptom onset date: Illness er	nd date:	☐ Yes (<i>check all that apply</i>) ☐ No ☐ Unknown
Outcome? Survived Died on:	Still ill** Unknown	☐ Asthma ☐ Cancer, when?
**If still ill, follow up on patient's outcome in 2-3 week	eks and update in NBS.	☐ Chemotherapy ☐ Chronic kidney disease
Hospitalized? ☐ Yes [†] ☐ No ☐ Unknown		☐ Corticosteroid therapy ☐ Diabetes ☐ Heart disease
Date of admission: Date of disc		☐ HIV/AIDS ☐ Liver disease
Hospital name:		☐ Organ transplant recipient, when?
Hospital address:		☐ Other:
†If hospitalized in more than one facility, please add hospit		
Physician: Phon	e:	HEALTH Quantity per Duration
Was the patient diagnosed with clinical or radiograms Yes	ed mental status/confusion arrhea] Pneumonia	BEHAVIORS S S S day (packs, drinks) Alcohol consumption Current smoker Former smoker □ □ □ □ □
LABORATORY DATA (If more than one urinary anti	igen test performed, record sec	ond test in "other legionellosis test" section)
Urine antigen test: Date collected:	Result: ☐ Positive ☐Ne	gative □ Unknown
Ordering facility: F	Reporting facility:	Date rec'd by public health:
Culture: Date collected:		
Specimen source: ☐ Bronchoalveolar lavage (BAL)	or bronchial wash ☐ Sputum	□ Pleural fluid □ Lung tissue □ Other:
Result: ☐ Positive ☐ Negative ☐ Pending	☐ Unknown If positive, spec	cies and serogroup:
Ordering facility:	Reporting facility:	Date rec'd by public health:
Antibody test:		
1st (acute) antibody titer:	_ Species / serogroup:	Date collected:
2nd (convalescent) antibody titer:	Species / serogroup:	Date collected:
Ordering facility: F	Reporting facility:	Date rec'd by public health:
Other legionellosis test:		
Test name: ☐ Nucleic acid assay (PCR) ☐ Direct f	luorescent antibody (DFA)	Other:
		□ Pleural fluid □ Blood □ Other:
		ciesserogroup:
Ordering facility: F	Reporting facility:	Date rec'd by public health:

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Wh∈	o was interviewed to obtain ex ☐ Patient ☐ Surrogate; relations Whenever possible, interview a pa	posure history? hip to patient: tient or surrogate to obtain e	exposure history. If the patie	leither; reason:ent is unable to commu	nicate at the time	of investigation,
g	omplete the interview with a surre ather booking info/receipts/itinera ntact Attempts: Record date(s)	aries for recent travel and me	edical stays.	ater date. Ask patient/s	surrogate to refer	to a calendar and
	ate 1: Time:		Time:	Data 2:	Time:	
Da	ate 1: Time:	Date 2:	rime:	Date 3:	rime:	
	re medical records obtained an ECTION TIMELINE: Enter onser Legio		-			ctions below.
	-10 days	days or	typ • Fo ex illr ness	cubation period: Legoically 2–10 days; Polor all legionellosis cas posures in the entireness onset.	ntiac fever is 5–7 es, please ask a	'2 hours. bout
In ti priv	AVEL HISTORY (OR RESIDENCE he 10 days before onset, did the vate residence, campground, e □ Yes, please complete the table	CE IN A TRAVEL ACCOMM ne patient spend any nighte tc.), <u>excluding</u> healthcare s	s away from home (e.g., h settings, or was the perso			k, resort, hostel,
#	Accommodation name and t	ype [‡] Address, ci	ty, state, zip code, countr	y Room number	Arrival date	Departure date
1						
2						
3						

#	Accommodation name and type [‡]	Address, city, state, zip code, country	Room number	Arrival date	Departure date
1					
2					
3					
4					

‡If patient was on a cruise ship during the incubation period, complete this investigation form and the CDC Legionellosis Cruise Ship Questionnaire

ADDITIONAL TRA	/EL QUESTIONS
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If patient reported using a recreational vehicle (RV) or camper in the table above, please ask the following:

Name and location of RV park/campgrounds (if not given above): _ Campsite/row number: _____ Used drinking water camper/RV hookups? ☐ Yes ☐ No ☐ Unknown

Date(s) when camper/RV water tanks were last flushed: ___

EVENTS

In the 10 days before onset, did the patient attend any conventions, conferences, public gatherings, meetings, festivals, or other events (e.g., wedding, reunion, exhibit, trade show, fair)? ☐ Yes, please complete the table below ☐ No ☐ Unknown

Type of event	Date(s) attended	Name/location and address of event

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MEDICAL FACILITY EXPOSURE HISTORY

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Type of healthcare	Type of	:	Facility name		Date(s) of visit /	Date of
, , , , , , , , , , , , , , , , , , ,		Reason for visit				
facility	exposur	e and	complete address		admission	discharge
☐ Clinic	☐ Employe					
□ Dental	☐ Inpatient					
☐ Hospital	☐ Outpatie	nt				
☐ Other:	☐ Visitor					
☐ Rehab	☐ Voluntee	er				
☐ Clinic	☐ Employe					
□ Dental	☐ Inpatient					
☐ Hospital	☐ Outpatie	nt				
Other:	☐ Visitor					
☐ Rehab	□ Voluntee					
☐ Clinic	□ Employe					
☐ Dental	☐ Inpatient					
☐ Hospital	☐ Outpatie	nt				
Other:	□ Visitor					
□ Rehab	☐ Voluntee	er				
yes, was the facility a the 10 days before Yes, please complete.	onset, did th	e patient visit, sta		home, assisted living facil	ity, senior living facili	ty, or similar'
					Data(s) of visit /	Date of
Type of facil	ity	Type of	Facility name ar	d complete address	Date(s) of visit /	
		exposure			admission	discharge
☐ Assisted living facil	ity	☐ Employee	loyee			
☐ Nursing home (with		☐ Other:				
nursing or personal ca ☐ Other:	are)					
☐ Senior living facility	(without	□ Resident				
skilled nursing or pers		□ Visitor				
☐ Skilled nursing facil	· ·	□ Volunteer				
☐ Assisted living facil		☐ Employee				
☐ Nursing home (with		☐ Other:				
nursing or personal ca		□ Other.				
□ Other:		Resident				
	(without	☐ Visitor				
☐ Senior living facility						
skilled nursing or pers	onal care)	□ Volunteer				
	onal care)	□ Volunteer				
skilled nursing or pers Skilled nursing facil f yes, was the patient li CORRECTIONAL FAC	onal care) ity ving at the fa	cility for the entire	·	s [§] □ No □ Not applicable		
skilled nursing or pers Skilled nursing facil yes, was the patient li correctional fac the 10 days before	onal care) ity ving at the fa ILITY EXPO onset, did th	cility for the entire SURE HISTORY se patient visit, wo	ork, or stay at a correcti	onal facility? 🗆 Yes 🗆	No □ Unknown	
skilled nursing or pers Skilled nursing facil yes, was the patient li CORRECTIONAL FACE the 10 days before If yes, name and add	onal care) ity ving at the fa ILITY EXPO onset, did the lress of facility	SURE HISTORY ne patient visit, wo	ork, or stay at a correcti	onal facility? □ Yes □	No □ Unknown	
skilled nursing or pers Skilled nursing facil yes, was the patient li CORRECTIONAL FACE the 10 days before If yes, name and add Type of exposure:	onal care) ity ving at the fa ILITY EXPO onset, did the lress of facilit Inmate E	SURE HISTORY te patient visit, wo	ork, or stay at a correcti	onal facility? □ Yes □	No □ Unknown	
skilled nursing or pers Skilled nursing facil f yes, was the patient life CORRECTIONAL FAC In the 10 days before If yes, name and add Type of exposure:	onal care) ity ving at the fa ILITY EXPO onset, did the lress of facilite Inmate Earceration:	SURE HISTORY the patient visit, wo	ork, or stay at a correction Other: Date	onal facility? □ Yes □	No □ Unknown	

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OTHER EXPOSURE HISTORY QUESTIONS

In the 10 days before onset, did the patient have exposure (e.g., getting in, sitting/being near, or walking by, even briefly) to any of the following potential sources of misty/aerosolized water, while traveling, hospitalized, or in the case's home city?

Please complete the table below:

Exposure type Includes getting in, sitting/ being near, or walking by a functioning/working device	Yes	No	Unknown	Location(s)	Date(s)	Description of exposure and duration (e.g., sat near for 1 hour)
Car Wash						
Centralized cooling tower/ HVAC systems						
Decorative fountain, waterwall, or water display						
Home humidifier or mister						
Hot springs, mineral baths, or geothermal waters						
Hot tub or whirlpool spa						
Jetted bathtub (away from home, filled and drained after each use)						
Other:						
Other:						
Pressure Washer						
Recreational misters						
Shower (away from home)						
Steam room or wet sauna						
Store misters (e.g., grocery store, gardening)						
Swimming or wading pool						
Therapeutic spa venue						
Waterpark, splash pad						

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	thma o	r for any other re	ason?	e fill in details below ⊔	NO 🗆 UNKNOWN			
Type of device:			Date(s):	Loca	ation:			
Does the device use a	a humidi	fier or misty water	? □ Yes □ No □	Unknown				
Type of water used	in the de	evice? Sterile	☐ Distilled ☐ Bottled	□ Tap (well) □ Tap (cit	y) 🗆 Other:	_ □ None □ Unknown		
Describe how the de	evice is	cleaned:						
□ Yes □ No □ U	Jnknowr	n If yes, p	rovide place, dates, prod	oil, potting soil, or comp duct, description (e.g., "ga	rdening–potting soil pure	chased from Store A"):		
or near a location wher	re the p	atient lived, was	hospitalized, worked,	truction, plumbing projector visited?	□ No □ Unknown	s, or water line work at		
			_	ction at Hospital A on 1/1	•			
Location and details:_					What dates:	What dates:		
Location and details:_					What dates:			
Location and details:_					What dates:			
In the 10 days before o	nset, di	id the patient wo	rk, attend school, or ve	olunteer? □ Yes, <i>plea</i>	se complete table below	r □ No □ Unknown		
		1			Date(s) worked,	Duration		
Job/activity descrip	otion	Employer/faci	lity Employe	r/facility address	volunteered, etc.	(e.g., 8 hours/day)		
-				ımonia? □ Yes, <i>plea</i> se	complete the table belo			
Name	A ~ ~	O(-1-1-	Contact information	Shared Exposures	testing done?	Legionella test results		
	Age	Onset date	Contact information		testing done:	Legionena test results		
	Age	Onset date	Contact Information		☐ Yes ☐ No	Legionella test results		
	Age	Onset date	Contact Information			Legionena test results		
				ontrol Measures section in t	☐ Yes ☐ No			
Guidelines for examples)	ONS TA			ontrol Measures section in t	☐ Yes ☐ No			
PUBLIC HEALTH ACTION Guidelines for examples) ADDITIONAL COMMEN	ONS TA			ontrol Measures section in t	☐ Yes ☐ No			

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