

Utah Department of Health
 Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2017
 Provisional Data

TB Cases By Age Group

Age Group (in years)	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
0 to 4	0	0.0	3	10.3	2.0	6.3
5 to 14	0	0.0	4	13.8	1.0	3.2
15 to 24	1	50.0	2	6.9	2.8	8.9
25 to 34	0	0.0	7	24.1	7.2	22.8
35 to 44	1	50.0	4	13.8	4.0	12.7
45 to 54	0	0.0	3	10.3	3.8	12.0
55 to 64	0	0.0	5	17.2	4.4	13.9
65 to 74	0	0.0	0	0.0	2.6	8.2
75+	0	0.0	1	3.4	3.8	12.0
Totals	2	100.0	29	100.0	31.6	100.0

TB Cases By Sex

Gender	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	0	0.0	14	48.3	14.6	46.2
Female	2	100.0	15	51.7	17.0	53.8
Totals	2	100.0	29	100.0	31.6	100.0

TB Cases By Race/Ethnicity

Race/Ethnicity	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
American Indian	0	0.0	1	3.4	1.4	4.4
Asian	0	0.0	5	17.2	8.2	25.9
Black	0	0.0	2	6.9	3.4	10.8
Hispanic*	1	50.0	15	51.7	12.6	39.9
Pacific Islander	1	50.0	4	13.8	1.6	5.1
White	0	0.0	2	6.9	4.4	13.9
Multiple Races	0	0.0	0	0.0	0.0	0.0
Totals	2	100.0	29	100.0	31.6	100.0

*Persons of Hispanic ethnicity can be of any race category.

TB Cases By Immigration Status At First US Entry

Immigration Status	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Refugees	0	0.0	5	17.2	6.0	19.0
Immigrants	1	50.0	8	27.6	8.8	27.8
Students	0	0.0	0	0.0	1.8	5.7
Other FB Status	0	0.0	6	20.7	7.6	24.1
Not Applicable*	1	50.0	10	34.5	7.2	22.8
Unknown	0	0.0	0	0.0	0.2	0.6
Totals	2	100.0	29	100.0	31.6	100.0

*US-born, born abroad to parent who was US citizen, or born in a US Territory, US Island Area, or US Outlying Area.

TB Cases By Reporting County

County	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Beaver	0	0.0	0	0.0	0.0	0.0
Box Elder	0	0.0	0	0.0	0.2	0.6
Cache	0	0.0	0	0.0	1.0	3.2
Carbon	0	0.0	0	0.0	0.0	0.0
Daggett	0	0.0	0	0.0	0.0	0.0
Davis	0	0.0	3	10.3	0.8	2.5
Duchesne	0	0.0	0	0.0	0.6	1.9
Emery	0	0.0	0	0.0	0.0	0.0
Garfield	0	0.0	0	0.0	0.0	0.0
Grand	0	0.0	0	0.0	0.2	0.6
Iron	0	0.0	0	0.0	0.0	0.0
Juab	0	0.0	0	0.0	0.0	0.0
Kane	0	0.0	0	0.0	0.0	0.0
Millard	0	0.0	0	0.0	0.0	0.0
Morgan	0	0.0	0	0.0	0.0	0.0
Piute	0	0.0	0	0.0	0.0	0.0
Rich	0	0.0	0	0.0	0.0	0.0
Salt Lake	2	100.0	22	75.9	22.8	72.2
San Juan	0	0.0	0	0.0	0.6	1.9
Sanpete	0	0.0	0	0.0	0.0	0.0
Sevier	0	0.0	0	0.0	0.2	0.6
Summit	0	0.0	0	0.0	0.2	0.6
Tooele	0	0.0	0	0.0	0.0	0.0
Uintah	0	0.0	0	0.0	0.2	0.6
Utah	0	0.0	3	10.3	1.4	4.4
Wasatch	0	0.0	0	0.0	0.4	1.3
Washington	0	0.0	1	3.4	1.2	3.8
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	0	0.0	1.8	5.7
Totals	2	100.0	29	100.0	31.6	100.0

TB Cases By Residence At Time of Diagnosis

Residence	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Private Residence	2	100.0	29	100.0	29.8	94.3
Corrections	0	0.0	0	0.0	0.2	0.6
Homeless	0	0.0	0	0.0	0.8	2.5
Long-term Care	0	0.0	0	0.0	0.2	0.6
Other	0	0.0	0	0.0	0.6	1.9
Totals	2	100.0	29	100.0	31.6	100.0

TB Cases By Site of Disease

Site of Disease	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Pulmonary (P)	0	0.0	12	41.4	17.8	56.3
Extrapulmonary (EP)	1	50.0	12	41.4	9.8	31.0
P & EP	1	50.0	5	17.2	4.0	12.7
Totals	2	100.0	29	100.0	31.6	100.0

TB Cases By Case Verification

Case Verification	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Positive Culture	0	0.0	22	75.9	22.6	71.5
Positive NAAT	1	50.0	1	3.4	0.0	0.0
Positive Smear/Tissue	0	0.0	0	0.0	0.4	1.3
Clinical	1	50.0	5	17.2	7.8	24.7
Provider	0	0.0	1	3.4	0.8	2.5
Totals	2	100.0	29	100.0	31.6	100.0

*NAAT=Nucleic Acid Amplification Test

TB Cases By Primary Reason for Evaluation

Reason for Evaluation	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
TB Symptoms	2	100.0	18	62.1	20.6	65.2
Abnormal CXR	0	0.0	4	13.8	4.2	13.3
Immigration Exam	0	0.0	2	6.9	1.8	5.7
Incidental Lab Result	0	0.0	2	6.9	2.6	8.2
Administrative Testing	0	0.0	0	0.0	0.6	1.9
Contact Investigation	0	0.0	3	10.3	1.8	5.7
Health Care Worker	0	0.0	0	0.0	0.0	0.0
Targeted Testing	0	0.0	0	0.0	0.0	0.0
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	2	100.0	29	100.0	31.6	100.0

CXR=Chest X-ray

TB Cases By Medical Information

Medical Information	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
HIV	0	0.0	3	10.3	1.2	3.8
Reported at Death	0	0.0	0	0.0	0.6	1.9
Died During Tx	0	0.0	1	3.4	1.6	5.1
Contact	1	50.0	4	13.8	2.2	7.0
Diabetes Mellitus	0	0.0	4	13.8	5.8	18.4
ESRD	0	0.0	0	0.0	1.0	3.2
Immunosuppressed	0	0.0	1	3.4	1.8	5.7
Incomplete LTBI Tx	0	0.0	0	0.0	1.2	3.8
TNF-α Antagonist Tx	0	0.0	0	0.0	0.8	2.5

HIV=Human Immunodeficiency Virus; Tx=Treatment

Contact=contact to infectious TB case <=2 years prior to TB diagnosis

ESRD=End State Renal Disease

Immunopressed=Immunosuppression (not HIV)

LTBI Tx=Latent TB infection treatment

TB Cases By Risk Factors in 12 Mos Prior to Diagnosis

Risk Factors	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Homeless	0	0.0	0	0.0	1.2	3.8
Excess Alcohol	0	0.0	1	3.4	1.4	4.4
Injecting Drugs	0	0.0	0	0.0	0.0	0.0
Noninjecting Drugs	0	0.0	0	0.0	0.0	0.0

Year-to-Date Drug Resistant TB Cases

County	R/E	Drug Resistance					Other anti-TB medications:
		INH	RIF	PZA	EMB	SM	
Salt Lake	H	X					
Salt Lake	H			X			

R/E=Race/Ethnicity: A=Asian; B=Black; H=Hispanic; I=American Indian; P=Pacific Islander; W=White

INH = Isoniazid; RIF = Rifampin; PZA = Pyrazinamide; EMB = Ethambutol; SM = Streptomycin