

Utah Department of Health
 Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2018
 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	0	0.0	2.4	8.0
5 to 14	0	0.0	0	0.0	1.8	6.0
15 to 24	0	0.0	2	11.1	2.8	9.3
25 to 34	0	0.0	2	11.1	6.0	20.0
35 to 44	0	0.0	5	27.8	4.4	14.7
45 to 54	1	50.0	3	16.7	3.6	12.0
55 to 64	1	50.0	3	16.7	4.0	13.3
65 to 74	0	0.0	0	0.0	2.0	6.7
75+	0	0.0	3	16.7	3.0	10.0
Totals	2	100.0	18	100.0	30.0	100.0

TB Cases By Sex

Gender	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	0	0.0	9	50.0	13.6	45.3
Female	2	100.0	9	50.0	16.4	54.7
Totals	2	100.0	18	100.0	30.0	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	2	11.1	0.8	2.7
Asian	1	50.0	6	33.3	7.0	23.3
Black	0	0.0	2	11.1	3.2	10.7
Hispanic*	0	0.0	5	27.8	13.4	44.7
Pacific Islander	0	0.0	1	5.6	2.0	6.7
White	1	50.0	2	11.1	3.6	12.0
Multiple Races	0	0.0	0	0.0	0.0	0.0
Totals	2	100.0	18	100.0	30.0	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	2	11.1	5.6	18.7
Immigrants	1	50.0	7	38.9	7.8	26.0
Students	0	0.0	1	5.6	1.6	5.3
Other FB Status	0	0.0	3	16.7	7.6	25.3
Not Applicable*	1	50.0	5	27.8	7.2	24.0
Unknown	0	0.0	0	0.0	0.2	0.7
Totals	2	100.0	18	100.0	30.0	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	0.7
Cache	0	0.0	0	0.0	0.6	2.0
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	0	0.0	1.2	4.0
Duchesne	0	0.0	0	0.0	0.6	2.0
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	0.0	0.0
Iron	1	50.0	1	5.6	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	0	0.0	9	50.0	22.8	76.0
San Juan	0	0.0	2	11.1	0.2	0.7
Sanpete	0	0.0	0	0.0	0.0	0.0
Sevier	0	0.0	0	0.0	0.2	0.7
Summit	0	0.0	1	5.6	0.0	0.0
Tooele	0	0.0	0	0.0	0.0	0.0
Uintah	0	0.0	0	0.0	0.0	0.0
Utah	0	0.0	2	11.1	1.4	4.7
Wasatch	0	0.0	0	0.0	0.2	0.7
Washington	1	50.0	1	5.6	1.0	3.3
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	2	11.1	1.6	5.3
Totals	2	100.0	18	100.0	30.0	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	15	83.3	28.4	94.7
Corrections	0	0.0	0	0.0	0.2	0.7
Homeless	0	0.0	2	11.1	0.6	2.0
Long-term Care	0	0.0	0	0.0	0.2	0.7
Other	0	0.0	1	5.6	0.6	2.0
Totals	2	100.0	18	100.0	30.0	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)	2	100.0	11	61.1	16.0	53.3
Extrapulmonary (EP)	0	0.0	5	27.8	9.8	32.7
P & EP	0	0.0	2	11.1	4.2	14.0
Totals	2	100.0	18	100.0	30.0	100.0

TB Cases By Case Verification

Case Verification	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Positive Culture	1	50.0	15	83.3	21.6	72.0
Positive NAAT	0	0.0	1	5.6	0.0	0.0
Positive Smear/Tissue	0	0.0	0	0.0	0.4	1.3
Clinical	1	50.0	2	11.1	7.2	24.0
Provider	0	0.0	0	0.0	0.8	2.7
Totals	2	100.0	18	100.0	30.0	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	9	50.0	18.8	62.7
Abnormal CXR	0	0.0	5	27.8	4.2	14.0
Immigration Exam	0	0.0	0	0.0	1.8	6.0
Incidental Lab Result	0	0.0	3	16.7	2.2	7.3
Administrative Testing	0	0.0	1	5.6	0.6	2.0
Contact Investigation	0	0.0	0	0.0	2.4	8.0
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	18	100.0	30.0	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	1	5.6	1.4	4.7
Reported at Death	0	0.0	0	0.0	0.4	1.3
Died During Tx	0	0.0	1	5.6	1.2	4.0
Contact	0	0.0	0	0.0	3.0	10.0
Diabetes Mellitus	0	0.0	3	16.7	5.2	17.3
ESRD	0	0.0	1	5.6	0.8	2.7
Immunosuppressed	0	0.0	1	5.6	1.4	4.7
Incomplete LTBI Tx	0	0.0	0	0.0	1.0	3.3
TNF- α Antagonist Tx	0	0.0	1	5.6	0.6	2.0

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	2	11.1	1.0	3.3
Excess Alcohol	0	0.0	5	27.8	1.4	4.7
Injecting Drugs	0	0.0	1	5.6	0.0	0.0
Noninjecting Drugs	0	0.0	2	11.1	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	W	X	X		X	X	Rifabutin, Ethionamide, Ciprofloxacin, Ofloxacin, Moxifloxacin
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