

Utah Department of Health
 Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2019
 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	2	7.4	2.0	7.4
5 to 14	1	100.0	1	3.7	1.6	5.9
15 to 24	0	0.0	5	18.5	2.6	9.6
25 to 34	0	0.0	3	11.1	4.2	15.6
35 to 44	0	0.0	6	22.2	4.6	17.0
45 to 54	0	0.0	2	7.4	3.6	13.3
55 to 64	0	0.0	3	11.1	3.8	14.1
65 to 74	0	0.0	3	11.1	1.6	5.9
75+	0	0.0	2	7.4	3.0	11.1
Totals	1	100.0	27	100.0	27.0	100.0

TB Cases By Sex

Gender	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	0	0.0	14	51.9	12.8	47.4
Female	1	100.0	13	48.1	14.2	52.6
Totals	1	100.0	27	100.0	27.0	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	0	0.0	1.2	4.4
Asian	0	0.0	5	18.5	6.6	24.4
Black	0	0.0	3	11.1	2.6	9.6
Hispanic*	1	100.0	12	44.4	11.8	43.7
Pacific Islander	0	0.0	2	7.4	1.8	6.7
White	0	0.0	5	18.5	3.0	11.1
Multiple Races	0	0.0	0	0.0	0.0	0.0
Totals	1	100.0	27	100.0	27.0	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	5	18.5	4.6	17.0
Immigrants	0	0.0	7	25.9	7.6	28.1
Students	0	0.0	0	0.0	1.2	4.4
Other Status	0	0.0	4	14.8	6.6	24.4
Not Applicable*	1	100.0	11	40.7	6.8	25.2
Unknown	0	0.0	0	0.0	0.2	0.7
Totals	1	100.0	27	100.0	27.0	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	2	7.4	0.2	0.7
Cache	0	0.0	0	0.0	0.4	1.5
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	11.1	1.0	3.7
Duchesne	0	0.0	0	0.0	0.2	0.7
Emery	0	0.0	1	3.7	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	0	0.0	0	0.0	0.2	0.7
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	1	100.0	19	70.4	19.8	73.3
San Juan	0	0.0	0	0.0	0.6	2.2
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	0	0.0	0.2	0.7
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	1	3.7	1.8	6.7
Wasatch	0	0.0	0	0.0	0.2	0.7
Washington	0	0.0	1	3.7	1.2	4.4
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	0	0.0	1.0	3.7
Totals	1	100.0	27	100.0	27.0	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	1	100.0	26	96.3	25.0	92.6
Corrections	0	0.0	0	0.0	0.2	0.7
Homeless	0	0.0	0	0.0	0.8	3.0
Long-term Care	0	0.0	0	0.0	0.2	0.7
Other	0	0.0	1	3.7	0.8	3.0
Totals	1	100.0	27	100.0	27.0	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)	0	0.0	16	59.3	15.0	55.6
Extrapulmonary (EP)	1	100.0	9	33.3	8.6	31.9
P & EP	0	0.0	2	7.4	3.4	12.6
Totals	1	100.0	27	100.0	27.0	100.0

TB Cases By Case Verification

Case Verification	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Positive Culture	0	0.0	18	66.7	19.8	73.3
Positive NAAT	0	0.0	0	0.0	0.2	0.7
Positive Smear/Tissue	1	100.0	2	7.4	0.2	0.7
Clinical	0	0.0	6	22.2	6.2	23.0
Provider	0	0.0	1	3.7	0.6	2.2
Totals	1	100.0	27	100.0	27.0	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	1	100.0	16	59.3	17.2	63.7
Abnormal CXR	0	0.0	4	14.8	3.4	12.6
Immigration Exam	0	0.0	0	0.0	1.4	5.2
Incidental Lab Result	0	0.0	3	11.1	2.0	7.4
Administrative Testing	0	0.0	1	3.7	0.8	3.0
Contact Investigation	0	0.0	2	7.4	2.2	8.1
Health Care Worker	0	0.0	0	0.0	0.0	0.0
Targeted Testing	0	0.0	1	3.7	0.0	0.0
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	1	100.0	27	100.0	27.0	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	0	0.0	1.4	5.2
Reported at Death	0	0.0	1	3.7	0.4	1.5
Died During Tx	0	0.0	3	11.1	1.0	3.7
Contact	0	0.0	2	7.4	2.4	8.9
Diabetes Mellitus	0	0.0	6	22.2	5.0	18.5
ESRD	0	0.0	0	0.0	0.6	2.2
Immunosuppressed	0	0.0	2	7.4	1.0	3.7
Incomplete LTBI Tx	0	0.0	3	11.1	0.8	3.0
TNF- α Antagonist Tx	0	0.0	5	18.5	0.8	3.0

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	0	0.0	1.2	4.4
Excess Alcohol	0	0.0	2	7.4	2.2	8.1
Injecting Drugs	0	0.0	0	0.0	0.2	0.7
Noninjecting Drugs	0	0.0	0	0.0	0.4	1.5

Year-to-Date Drug Resistant TB Cases

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