

Utah Department of Health
 Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2016
 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	1	5.0	2.0	5.8
5 to 14	0	0.0	1	5.0	1.0	2.9
15 to 24	0	0.0	2	10.0	3.4	9.9
25 to 34	0	0.0	2	10.0	8.6	25.0
35 to 44	0	0.0	2	10.0	4.2	12.2
45 to 54	0	0.0	2	10.0	3.8	11.0
55 to 64	0	0.0	1	5.0	5.2	15.1
65 to 74	0	0.0	4	20.0	2.8	8.1
75+	1	100.0	5	25.0	3.4	9.9
Totals	1	100.0	20	100.0	34.4	100.0

TB Cases By Gender

Gender	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	0	0.0	13	65.0	16.2	47.1
Female	1	100.0	7	35.0	18.2	52.9
Totals	1	100.0	20	100.0	34.4	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	10.0	1.6	4.7
Asian	0	0.0	4	20.0	9.6	27.9
Black	0	0.0	1	5.0	4.0	11.6
Hispanic*	1	100.0	8	40.0	13.0	37.8
Pacific Islander	0	0.0	3	15.0	1.4	4.1
White	0	0.0	2	10.0	4.8	14.0
Multiple Races	0	0.0	0	0.0	0.0	0.0
Totals	1	100.0	20	100.0	34.4	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	3	15.0	6.4	18.6
Immigrants	1	100.0	4	20.0	10.0	29.1
Students	0	0.0	1	5.0	2.2	6.4
Other FB Status	0	0.0	6	30.0	7.6	22.1
Not Applicable*	0	0.0	6	30.0	8.0	23.3
Unknown	0	0.0	0	0.0	0.2	0.6
Totals	1	100.0	20	100.0	34.4	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	1	5.0	1.6	4.7
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	2	10.0	0.4	1.2
Duchesne	0	0.0	0	0.0	0.6	1.7
Emery	0	0.0	0	0.0	0.0	0.0
Garfield	0	0.0	0	0.0	0.2	0.6
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	0	0.0	14	70.0	23.4	68.0
San Juan	0	0.0	1	5.0	0.8	2.3
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	1	100.0	1	5.0	2.0	5.8
Wasatch	0	0.0	0	0.0	0.4	1.2
Washington	0	0.0	0	0.0	1.6	4.7
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	1	5.0	2.4	7.0
Totals	1	100.0	20	100.0	34.4	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	19	95.0	32.2	93.6
Corrections	0	0.0	1	5.0	0.0	0.0
Homeless	0	0.0	0	0.0	1.0	2.9
Long-term Care	0	0.0	0	0.0	0.2	0.6
Other	0	0.0	0	0.0	1.0	2.9
Totals	1	100.0	20	100.0	34.4	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	14	70.0	17.6	51.2
Extrapulmonary (EP)	1	100.0	5	25.0	12.0	34.9
P & EP	0	0.0	1	5.0	4.8	14.0
Totals	1	100.0	20	100.0	34.4	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	17	85.0	24.0	69.8
Positive NAAT	0	0.0	0	0.0	0.2	0.6
Positive Smear/Tissue	0	0.0	0	0.0	0.6	1.7
Clinical	1	100.0	2	10.0	8.8	25.6
Provider	0	0.0	1	5.0	0.8	2.3
Totals	1	100.0	20	100.0	34.4	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	13	65.0	23.0	66.9
Abnormal CXR	0	0.0	4	20.0	4.2	12.2
Immigration Exam	0	0.0	1	5.0	2.2	6.4
Incidental Lab Result	0	0.0	2	10.0	2.4	7.0
Administrative Testing	0	0.0	0	0.0	0.8	2.3
Contact Investigation	0	0.0	0	0.0	1.8	5.2
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	1	100.0	20	100.0	34.4	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	4.1
Reported at Death	0	0.0	0	0.0	0.6	1.7
Died During Tx	0	0.0	0	0.0	2.0	5.8
Contact	0	0.0	1	5.0	2.4	7.0
Diabetes Mellitus	0	0.0	7	35.0	5.2	15.1
ESRD	0	0.0	1	5.0	0.8	2.3
Immunosuppressed	0	0.0	0	0.0	2.0	5.8
Incomplete LTBI Tx	0	0.0	1	5.0	1.6	4.7
TNF- α Antagonist Tx	0	0.0	1	5.0	0.8	2.3

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	1	5.0	1.4	4.1
Excess Alcohol	0	0.0	1	5.0	1.8	5.2
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	W	X					
Salt Lake	H	X	X				Rifabutin
Davis	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