

Utah Department of Health
 Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2015
 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	4	10.8	1.2	3.9
5 to 14	0	0.0	3	8.1	0.4	1.3
15 to 24	0	0.0	5	13.5	2.6	8.4
25 to 34	0	0.0	5	13.5	8.6	27.7
35 to 44	2	100.0	6	16.2	3.8	12.3
45 to 54	0	0.0	6	16.2	3.8	12.3
55 to 64	0	0.0	5	13.5	4.2	13.5
65 to 74	0	0.0	2	5.4	3.0	9.7
75+	0	0.0	1	2.7	3.4	11.0
Totals	2	100.0	37	100.0	31.0	100.0

TB Cases By Gender

Gender	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	2	100.0	19	51.4	15.4	49.7
Female	0	0.0	18	48.6	15.6	50.3
Totals	2	100.0	37	100.0	31.0	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	1.8	5.8
Asian	0	0.0	10	27.0	8.2	26.5
Black	0	0.0	4	10.8	4.2	13.5
Hispanic*	2	100.0	18	48.6	10.8	34.8
Pacific Islander	0	0.0	1	2.7	1.2	3.9
White	0	0.0	4	10.8	4.8	15.5
Multiple Races	0	0.0	0	0.0	0.0	0.0
Totals	2	100.0	37	100.0	31.0	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	6	16.2	6.2	20.0
Immigrants	0	0.0	9	24.3	9.6	31.0
Students	0	0.0	1	2.7	2.4	7.7
Other FB Status	2	100.0	11	29.7	5.6	18.1
Not Applicable*	0	0.0	9	24.3	7.2	23.2
Unknown	0	0.0	1	2.7	0.0	0.0
Totals	2	100.0	37	100.0	31.0	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 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	1	50.0	1	2.7	0.0	0.0
Cache	0	0.0	0	0.0	1.8	5.8
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	1.0	3.2
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	0.2	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	1	50.0	31	83.8	19.8	63.9
San Juan	0	0.0	0	0.0	0.8	2.6
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	2	5.4	1.6	5.2
Wasatch	0	0.0	1	2.7	0.2	0.6
Washington	0	0.0	1	2.7	1.4	4.5
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	1	2.7	2.8	9.0
Totals	2	100.0	37	100.0	31.0	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	33	89.2	29.6	95.5
Corrections	0	0.0	0	0.0	0.0	0.0
Homeless	0	0.0	2	5.4	0.6	1.9
Long-term Care	0	0.0	0	0.0	0.2	0.6
Other	0	0.0	2	5.4	0.6	1.9
Totals	2	100.0	37	100.0	31.0	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	23	62.2	14.8	47.7
Extrapulmonary (EP)	1	50.0	10	27.0	11.6	37.4
P & EP	1	50.0	4	10.8	4.6	14.8
Totals	2	100.0	37	100.0	31.0	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	25	67.6	22.6	72.9
Positive NAAT	0	0.0	0	0.0	0.2	0.6
Positive Smear/Tissue	0	0.0	0	0.0	0.6	1.9
Clinical	1	50.0	12	32.4	6.6	21.3
Provider	0	0.0	0	0.0	1.0	3.2
Totals	2	100.0	37	100.0	31.0	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	50.0	25	67.6	20.6	66.5
Abnormal CXR	1	50.0	1	2.7	4.0	12.9
Immigration Exam	0	0.0	3	8.1	2.0	6.5
Incidental Lab Result	0	0.0	0	0.0	3.2	10.3
Administrative Testing	0	0.0	2	5.4	0.4	1.3
Contact Investigation	0	0.0	6	16.2	0.8	2.6
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	37	100.0	31.0	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	1	50.0	1	2.7	1.2	3.9
Reported at Death	0	0.0	0	0.0	0.6	1.9
Died During Tx	0	0.0	1	2.7	2.2	7.1
Contact	0	0.0	6	16.2	1.6	5.2
Diabetes Mellitus	1	50.0	8	21.6	4.0	12.9
ESRD	0	0.0	0	0.0	1.0	3.2
Immunosuppressed	0	0.0	1	2.7	2.2	7.1
Incomplete LTBI Tx	0	0.0	0	0.0	2.2	7.1
TNF- α Antagonist Tx	0	0.0	1	2.7	0.6	1.9

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	5.4	1.2	3.9
Excess Alcohol	1	50.0	4	10.8	1.4	4.5
Injecting Drugs	0	0.0	0	0.0	0.0	0.0
Noninjecting Drugs	0	0.0	0	0.0	0.2	0.6

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	X		X		Ethionamide
Salt Lake	A	X					
Salt Lake	A	X				X	Ethionamide
Salt Lake	W	X					
Box Elder	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