

Utah Department of Health  
 Bureau of Epidemiology - Tuberculosis (TB) Control  
**Monthly TB Case Report Summary, Utah, May 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	0	0.0	0.4	2.9
5 to 14	0	0.0	0	0.0	0.4	2.9
15 to 24	0	0.0	2	33.3	1.8	13.0
25 to 34	1	100.0	1	16.7	3.6	26.1
35 to 44	0	0.0	1	16.7	1.2	8.7
45 to 54	0	0.0	0	0.0	1.4	10.1
55 to 64	0	0.0	0	0.0	1.8	13.0
65 to 74	0	0.0	2	33.3	1.4	10.1
75+	0	0.0	0	0.0	1.8	13.0
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

**TB Cases By Gender**

Gender	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	1	100.0	4	66.7	5.8	42.0
Female	0	0.0	2	33.3	8.0	58.0
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

**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	0.8	5.8
Asian	1	100.0	3	50.0	4.4	31.9
Black	0	0.0	0	0.0	1.6	11.6
Hispanic*	0	0.0	1	16.7	5.0	36.2
Pacific Islander	0	0.0	1	16.7	0.6	4.3
White	0	0.0	1	16.7	1.4	10.1
Multiple Races	0	0.0	0	0.0	0.0	0.0
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

\*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	1	16.7	2.6	18.8
Immigrants	0	0.0	1	16.7	3.6	26.1
Students	0	0.0	1	16.7	1.2	8.7
Other FB Status	1	100.0	1	16.7	3.8	27.5
Not Applicable*	0	0.0	2	33.3	2.6	18.8
Unknown	0	0.0	0	0.0	0.0	0.0
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

\*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	0.0	0.0
Cache	0	0.0	0	0.0	0.6	4.3
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	1	16.7	0.0	0.0
Duchesne	0	0.0	0	0.0	0.2	1.4
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	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	100.0	5	83.3	8.8	63.8
San Juan	0	0.0	0	0.0	0.4	2.9
Sanpete	0	0.0	0	0.0	0.0	0.0
Sevier	0	0.0	0	0.0	0.0	0.0
Summit	0	0.0	0	0.0	0.2	1.4
Tooele	0	0.0	0	0.0	0.0	0.0
Uintah	0	0.0	0	0.0	0.2	1.4
Utah	0	0.0	0	0.0	1.0	7.2
Wasatch	0	0.0	0	0.0	0.2	1.4
Washington	0	0.0	0	0.0	0.8	5.8
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	0	0.0	1.4	10.1
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

**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	6	100.0	12.6	91.3
Corrections	0	0.0	0	0.0	0.0	0.0
Homeless	0	0.0	0	0.0	0.4	2.9
Long-term Care	0	0.0	0	0.0	0.2	1.4
Other	0	0.0	0	0.0	0.6	4.3
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

**TB Cases By Site of Disease**

Site of Disease	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Pulmonary (P)	1	100.0	5	83.3	6.4	46.4
Extrapulmonary (EP)	0	0.0	1	16.7	5.0	36.2
P & EP	0	0.0	0	0.0	2.4	17.4
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

**TB Cases By Case Verification**

Case Verification	Current Month		Year to Date		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Positive Culture	1	100.0	5	83.3	11.0	79.7
Positive NAAT	0	0.0	0	0.0	0.0	0.0
Positive Smear/Tissue	0	0.0	0	0.0	0.0	0.0
Clinical	0	0.0	0	0.0	2.4	17.4
Provider	0	0.0	1	16.7	0.4	2.9
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

\*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	3	50.0	9.0	65.2
Abnormal CXR	0	0.0	2	33.3	1.2	8.7
Immigration Exam	0	0.0	1	16.7	1.2	8.7
Incidental Lab Result	0	0.0	0	0.0	1.6	11.6
Administrative Testing	0	0.0	0	0.0	0.4	2.9
Contact Investigation	0	0.0	0	0.0	0.4	2.9
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
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>13.8</b>	<b>100.0</b>

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	0.2	1.4
Reported at Death	0	0.0	0	0.0	0.6	4.3
Died During Tx	0	0.0	0	0.0	1.0	7.2
Contact	0	0.0	0	0.0	0.6	4.3
Diabetes Mellitus	0	0.0	2	33.3	1.8	13.0
ESRD	0	0.0	1	16.7	0.4	2.9
Immunosuppressed	0	0.0	0	0.0	1.0	7.2
Incomplete LTBI Tx	0	0.0	0	0.0	0.8	5.8
TNF- $\alpha$ Antagonist Tx	0	0.0	0	0.0	0.2	1.4

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	0.6	4.3
Excess Alcohol	0	0.0	0	0.0	0.8	5.8
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					

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