

Utah Department of Health  
 Bureau of Epidemiology - Tuberculosis (TB) Control  
**Monthly TB Case Report Summary, Utah, September 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	1.6	5.9
5 to 14	0	0.0	1	7.1	0.8	3.0
15 to 24	0	0.0	2	14.3	2.0	7.4
25 to 34	0	0.0	2	14.3	7.4	27.4
35 to 44	0	0.0	2	14.3	3.0	11.1
45 to 54	1	100.0	1	7.1	3.0	11.1
55 to 64	0	0.0	0	0.0	4.0	14.8
65 to 74	0	0.0	3	21.4	2.6	9.6
75+	0	0.0	3	21.4	2.6	9.6
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	10	71.4	11.8	43.7
Female	0	0.0	4	28.6	15.2	56.3
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	1.4	5.2
Asian	0	0.0	3	21.4	7.6	28.1
Black	0	0.0	0	0.0	2.8	10.4
Hispanic*	0	0.0	6	42.9	10.2	37.8
Pacific Islander	0	0.0	3	21.4	1.0	3.7
White	1	100.0	2	14.3	4.0	14.8
Multiple Races	0	0.0	0	0.0	0.0	0.0
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	7.1	4.8	17.8
Immigrants	0	0.0	2	14.3	7.8	28.9
Students	0	0.0	1	7.1	1.8	6.7
Other FB Status	0	0.0	6	42.9	5.6	20.7
Not Applicable*	1	100.0	4	28.6	6.8	25.2
Unknown	0	0.0	0	0.0	0.2	0.7
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	1	7.1	1.0	3.7
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	14.3	0.4	1.5
Duchesne	0	0.0	0	0.0	0.6	2.2
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	0.2	0.7
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	10	71.4	18.2	67.4
San Juan	0	0.0	0	0.0	0.8	3.0
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	0.2	0.7
Utah	0	0.0	0	0.0	1.8	6.7
Wasatch	0	0.0	0	0.0	0.4	1.5
Washington	0	0.0	0	0.0	1.2	4.4
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	1	7.1	1.8	6.7
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	0	0.0	13	92.9	25.4	94.1
Corrections	1	100.0	1	7.1	0.0	0.0
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	0	0.0	0.6	2.2
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	11	78.6	14.0	51.9
Extrapulmonary (EP)	0	0.0	3	21.4	9.4	34.8
P & EP	0	0.0	0	0.0	3.6	13.3
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	0	0.0	12	85.7	19.8	73.3
Positive NAAT	1	100.0	1	7.1	0.0	0.0
Positive Smear/Tissue	0	0.0	0	0.0	0.4	1.5
Clinical	0	0.0	0	0.0	6.0	22.2
Provider	0	0.0	1	7.1	0.8	3.0
<b>Totals</b>	<b>1</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>27.0</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	9	64.3	18.0	66.7
Abnormal CXR	0	0.0	3	21.4	3.0	11.1
Immigration Exam	0	0.0	1	7.1	1.8	6.7
Incidental Lab Result	0	0.0	1	7.1	2.2	8.1
Administrative Testing	0	0.0	0	0.0	0.4	1.5
Contact Investigation	0	0.0	0	0.0	1.6	5.9
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>14</b>	<b>100.0</b>	<b>27.0</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	1.0	3.7
Reported at Death	0	0.0	0	0.0	0.6	2.2
Died During Tx	0	0.0	0	0.0	1.6	5.9
Contact	0	0.0	1	7.1	2.2	8.1
Diabetes Mellitus	0	0.0	5	35.7	4.2	15.6
ESRD	0	0.0	1	7.1	0.6	2.2
Immunosuppressed	0	0.0	0	0.0	1.6	5.9
Incomplete LTBI Tx	0	0.0	0	0.0	1.6	5.9
TNF- $\alpha$ Antagonist Tx	0	0.0	1	7.1	0.6	2.2

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	1	100.0	1	7.1	1.2	4.4
Excess Alcohol	1	100.0	1	7.1	1.4	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

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