Utah Department of Health
Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2012
Provisional Data

TB Cases By Age Group

Age Group (in years)	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
0 to 4	1	100.0	1	2.7	1.3	4.4
5 to 14	0	0.0	0	0.0	0.7	2.2
15 to 24	0	0.0	2	5.4	3.3	11.0
25 to 34	0	0.0	13	35.1	8.3	27.5
35 to 44	0	0.0	2	5.4	5.3	17.6
45 to 54	0	0.0	4	10.8	3.0	9.9
55 to 64	0	0.0	7	18.9	2.7	8.8
65 to 74	0	0.0	3	8.1	3.0	9.9
75+	0	0.0	5	13.5	2.7	8.8
Totals	1	100.0	37	100.0	30.3	100.0

TB Cases By Gender

Gender	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Male	1	100.0	19	51.4	19.0	62.6
Female	0	0.0	18	48.6	11.3	37.4
Totals	1	100.0	37	100.0	30.3	100.0

TB Cases By Race

Race	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
American Indian	0	0.0	4	10.8	1.3	4.4
Asian	1	100.0	11	29.7	8.3	27.5
Black	0	0.0	3	8.1	4.0	13.2
Pacific Islander	0	0.0	2	5.4	1.7	5.5
White	0	0.0	17	45.9	15.0	49.5
Totals	1	100.0	37	100.0	30.3	100.0

TB Cases By Ethnicity

Ethnicity	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Hispanic	0	0.0	11	29.7	10.7	35.2
Not Hispanic	1	100.0	26	70.3	19.7	64.8
Totals	1	100.0	37	100.0	30.3	100.0

TB Cases By Site of Disease

Site of Disease	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Pulmonary (P)	1	100.0	22	59.5	13.7	45.1
Extrapulmonary (EP)	0	0.0	13	35.1	12.7	41.8
P & EP	0	0.0	2	5.4	4.0	13.2
Totals	1	100.0	37	100.0	30.3	100.0

TB Cases By Reporting County

County	Current Month		Cumulative YTD		Previous 3-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	2	5.4	3.3	11.0
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	2.7	2.0	6.6
Duchesne	0	0.0	0	0.0	0.0	0.0
Emery	0	0.0	0	0.0	0.0	0.0
Garfield	0	0.0	0	0.0	0.3	1.1
Grand	0	0.0	1	2.7	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	22	59.5	16.0	52.7
San Juan	0	0.0	2	5.4	0.7	2.2
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	1	2.7	0.0	0.0
Tooele	0	0.0	0	0.0	0.7	2.2
Uintah	0	0.0	1	2.7	0.0	0.0
Utah	0	0.0	3	8.1	2.7	8.8
Wasatch	0	0.0	1	2.7	0.0	0.0
Washington	0	0.0	2	5.4	1.0	3.3
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	1	2.7	3.7	12.1
Totals	1	100.0	37	100.0	30.3	100.0

TB Cases By Immigration Status At First US Entry

Immigration Status	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Refugees	1	100.0	7	18.9	4.0	13.2
Immigrants	0	0.0	13	35.1	10.3	34.1
Students	0	0.0	1	2.7	2.7	8.8
Other FB Status	0	0.0	6	16.2	4.7	15.4
				73.0		71.4

TB Cases By Case Verification

Case Verification	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Positive Culture	0	0.0	28	75.7	23.7	78.0
Positive NAAT	0	0.0	0	0.0	0.3	1.1
Positive Smear/Tissue	0	0.0	0	0.0	0.3	1.1
Clinical	1	100.0	8	21.6	5.3	17.6
Provider	0	0.0	1	2.7	0.7	2.2
Totals	1	100.0	37	100.0	30.3	100.0

*NAAT=Nucleic Acid Amplification Test

TB Cases By Primary Reason for Evaluation

Reason for Evaluation	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
TB Symptoms	1	100.0	27	73.0	20.3	67.0
Abnormal CXR	0	0.0	4	10.8	2.7	8.8
Contact Investigation	0	0.0	0	0.0	1.3	4.4
Targeted Testing	0	0.0	0	0.0	0.3	1.1
Health Care Worker	0	0.0	0	0.0	0.0	0.0
Administrative Testing	0	0.0	0	0.0	0.7	2.2
Immigration Exam	0	0.0	2	5.4	2.7	8.8
Incidental Lab Result	0	0.0	4	10.8	2.3	7.7
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	1	100.0	37	100.0	30.3	100.0

CXR=Chest X-ray

TB Cases By Medical Information

Medical Information	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Reported at Death	0	0.0	2	5.4	0.3	1.1
HIV	0	0.0	2	5.4	0.7	2.2
Contact	0	0.0	0	0.0	3.0	9.9
Diabetes	0	0.0	7	18.9	2.7	8.8
Immunosuppressed	0	0.0	3	8.1	1.3	4.4
Incomplete LTBI Tx	0	0.0	1	2.7	3.0	9.9

HIV=Human Immunodeficiency Virus
Contact=contact to infectious TB case <=2 years prior to TB diagnosis
Immunopressed=Immunosuppression (not HIV)
LTBI Tx=Latent TB infection treatment

TB Cases By Residence At Time of Diagnosis

Residence	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Private Residence	1	100.0	36	97.3	29.3	96.7
Corrections	0	0.0	0	0.0	0.0	0.0
Homeless	0	0.0	1	2.7	0.3	1.1
Long-term Care	0	0.0	0	0.0	0.0	0.0
Other	0	0.0	0	0.0	0.7	2.2
Totals	1	100.0	37	100.0	30.3	100.0

TB Cases By Risk Factors in 12 Mos Prior to Diagnosis

Risk Factors	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Homeless	0	0.0	1	2.7	1.3	4.4
Excess Alcohol	0	0.0	1	2.7	2.3	7.7
Injecting Drugs	0	0.0	0	0.0	0.0	0.0
Noninjecting Drugs	0	0.0	0	0.0	0.7	2.2

Cumulative YTD Drug Resistant TB Cases

County	Race	Ethnicity	INH	RIF	PZA	EMB	SM	Other
Salt Lake	A	NH	X					
Salt Lake	A	NH	X	X	X	X		

Race: A=Asian; B=Black; I=American Indian; P=Pacific Islander; W=White
Ethnicity: H=Hispanic; NH=Not Hispanic
INH = Isoniazid; RIF = Rifampin; PZA = Pyrazinamide; EMB = Ethambutol; SM = Streptomycin