

Utah Department of Health
 Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2013
 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	2	6.1	0.7	2.2
5 to 14	0	0.0	1	3.0	0.3	1.1
15 to 24	0	0.0	3	9.1	2.7	8.8
25 to 34	0	0.0	11	33.3	9.0	29.7
35 to 44	0	0.0	4	12.1	3.3	11.0
45 to 54	0	0.0	3	9.1	3.7	12.1
55 to 64	0	0.0	4	12.1	4.0	13.2
65 to 74	0	0.0	2	6.1	3.7	12.1
75+	0	0.0	3	9.1	3.0	9.9
Totals	1	100.0	33	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	13	39.4	18.3	60.4
Female	0	0.0	20	60.6	12.0	39.6
Totals	1	100.0	33	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	0	0.0	2.7	8.8
Asian	0	0.0	8	24.2	8.3	27.5
Black	0	0.0	5	15.2	4.0	13.2
Pacific Islander	0	0.0	2	6.1	1.3	4.4
White	1	100.0	18	54.5	14.0	46.2
Totals	1	100.0	33	100.0	30.3	100.0

TB Cases By Ethnicity

Ethnicity	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Hispanic	1	100.0	13	39.4	9.3	30.8
Not Hispanic	0	0.0	20	60.6	21.0	69.2
Totals	1	100.0	33	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)	0	0.0	15	45.5	14.3	47.3
Extrapulmonary (EP)	1	100.0	11	33.3	12.0	39.6
P & EP	0	0.0	7	21.2	4.0	13.2
Totals	1	100.0	33	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	1	3.0	2.3	7.7
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	1	3.0	1.3	4.4
Duchesne	0	0.0	2	6.1	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	0	0.0	0.3	1.1
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	23	69.7	17.3	57.1
San Juan	0	0.0	0	0.0	1.3	4.4
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	0.3	1.1
Tooele	0	0.0	0	0.0	0.0	0.0
Uintah	0	0.0	0	0.0	0.3	1.1
Utah	0	0.0	1	3.0	2.3	7.7
Wasatch	0	0.0	0	0.0	0.3	1.1
Washington	0	0.0	0	0.0	1.3	4.4
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	5	15.2	2.7	8.8
Totals	1	100.0	33	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	0	0.0	7	21.2	5.7	18.7
Immigrants	0	0.0	8	24.2	10.0	33.0
Students	0	0.0	3	9.1	2.0	6.6
Other FB Status	0	0.0	8	24.2	4.3	14.3

TB Cases By Case Verification

Case Verification	Current Month		Cumulative YTD		Previous 3-yr YTD average	
	No.	%	No.	%	No.	%
Positive Culture	1	100.0	24	72.7	23.3	76.9
Positive NAAT	0	0.0	0	0.0	0.3	1.1
Positive Smear/Tissue	0	0.0	1	3.0	0.3	1.1
Clinical	0	0.0	7	21.2	5.3	17.6
Provider	0	0.0	1	3.0	1.0	3.3
Totals	1	100.0	33	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	17	51.5	21.7	71.4
Abnormal CXR	0	0.0	9	27.3	2.7	8.8
Contact Investigation	0	0.0	1	3.0	0.3	1.1
Targeted Testing	0	0.0	0	0.0	0.0	0.0
Health Care Worker	0	0.0	0	0.0	0.0	0.0
Administrative Testing	0	0.0	0	0.0	0.3	1.1
Immigration Exam	0	0.0	2	6.1	2.3	7.7
Incidental Lab Result	0	0.0	4	12.1	3.0	9.9
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	1	100.0	33	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	0	0.0	0.7	2.2
HIV	0	0.0	1	3.0	1.0	3.3
Contact	0	0.0	3	9.1	1.0	3.3
Diabetes	0	0.0	4	12.1	4.3	14.3
Immunosuppressed	0	0.0	3	9.1	2.0	6.6
Incomplete LTBI Tx	0	0.0	1	3.0	2.3	7.7

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	32	97.0	29.0	95.6
Corrections	0	0.0	0	0.0	0.0	0.0
Homeless	0	0.0	1	3.0	0.7	2.2
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	33	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	3.0	1.3	4.4
Excess Alcohol	0	0.0	1	3.0	2.0	6.6
Injecting Drugs	0	0.0	0	0.0	0.0	0.0
Noninjecting Drugs	0	0.0	0	0.0	0.3	1.1

Cumulative YTD Drug Resistant TB Cases

County	Race	Ethnicity	INH	RIF	PZA	EMB	SM	Other
Weber	W	H				X		
Weber	W	H				X		
Salt Lake	W	H				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