

Utah Department of Health
 Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, December 2011

TB Cases By Age Group

Age Group (in years)	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
0 to 4	0	0.0	1	2.9	2.0	6.4
5 to 14	0	0.0	1	2.9	0.6	1.9
15 to 24	1	50.0	5	14.7	5.0	15.9
25 to 34	0	0.0	9	26.5	6.4	20.4
35 to 44	1	50.0	3	8.8	5.4	17.2
45 to 54	0	0.0	2	5.9	4.2	13.4
55 to 64	0	0.0	5	14.7	2.4	7.6
65 to 74	0	0.0	5	14.7	2.6	8.3
75+	0	0.0	3	8.8	2.8	8.9
Totals	2	100.0	34	100.0	31.4	100.0

TB Cases By Gender

Gender	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Male	2	100.0	21	61.8	18.2	58.0
Female	0	0.0	13	38.2	13.2	42.0
Totals	2	100.0	34	100.0	31.4	100.0

TB Cases By Race

Race	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
American Indian	0	0.0	3	8.8	0.8	2.5
Asian	0	0.0	11	32.4	7.6	24.2
Black	0	0.0	4	11.8	4.2	13.4
Pacific Islander	0	0.0	2	5.9	2.0	6.4
White	2	100.0	14	41.2	16.8	53.5
Totals	2	100.0	34	100.0	31.4	100.0

TB Cases By Ethnicity

Ethnicity	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic	1	50.0	10	29.4	12.0	38.2
Not Hispanic	1	50.0	24	70.6	19.4	61.8
Totals	2	100.0	34	100.0	31.4	100.0

TB Cases By Site of Disease

Site of Disease	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Pulmonary (P)	1	50.0	13	38.2	17.2	54.8
Extrapulmonary (EP)	1	50.0	16	47.1	9.8	31.2
P & EP	0	0.0	5	14.7	4.4	14.0
Totals	2	100.0	34	100.0	31.4	100.0

TB Cases By Reporting County

County	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Beaver	0	0.0	0	0.0	0.0	0.0
Box Elder	0	0.0	0	0.0	0.4	1.3
Cache	1	50.0	4	11.8	2.0	6.4
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	2.0	6.4
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	1	2.9	0.0	0.0
Grand	0	0.0	0	0.0	0.2	0.6
Iron	0	0.0	0	0.0	0.2	0.6
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	0.2	0.6
Morgan	0	0.0	0	0.0	0.2	0.6
Piute	0	0.0	0	0.0	0.0	0.0
Rich	0	0.0	0	0.0	0.0	0.0
Salt Lake	0	0.0	17	50.0	18.8	59.9
San Juan	0	0.0	2	5.9	0.6	1.9
Sanpete	0	0.0	0	0.0	0.2	0.6
Sevier	0	0.0	0	0.0	0.0	0.0
Summit	0	0.0	0	0.0	0.0	0.0
Tooele	0	0.0	0	0.0	0.4	1.3
Uintah	0	0.0	0	0.0	0.0	0.0
Utah	0	0.0	4	11.8	2.6	8.3
Wasatch	0	0.0	0	0.0	0.2	0.6
Washington	1	50.0	2	5.9	1.0	3.2
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	4	11.8	2.4	7.6
Totals	2	100.0	34	100.0	31.4	100.0

TB Cases By Foreign-born (FB) Status At First US Entry

Immigration Status	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Refugees	0	0.0	5	14.7	4.4	14.0
Immigrants	0	0.0	10	29.4	12.0	38.2
Students	0	0.0	3	8.8	1.6	5.1
Other FB Status	0	0.0	7	20.6	4.4	14.0

TB Cases By Case Verification

Case Verification	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Positive Culture	0	0.0	24	70.6	24.4	77.7
Positive NAAT*	1	50.0	1	2.9	0.0	0.0
Positive Smear/Tissue	0	0.0	1	2.9	0.0	0.0
Clinical	1	50.0	7	20.6	4.0	12.7
Provider	0	0.0	1	2.9	3.0	9.6
Totals	2	100.0	34	100.0	31.4	100.0

*NAAT=Nucleic Acid Amplification Test; category not used prior to 2009

TB Cases By Primary Reason for Evaluation*

Site of Disease	Current Month		Cumulative YTD		Previous 2-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
TB Symptoms	2	100.0	25	73.5	18.0	63.2
Abnormal CXR	0	0.0	4	11.8	2.0	7.0
Contact Investigation	0	0.0	0	0.0	2.0	7.0
Targeted Testing	0	0.0	0	0.0	0.5	1.8
Health Care Worker	0	0.0	0	0.0	0.0	0.0
Administrative Testing	0	0.0	1	2.9	0.5	1.8
Immigration Exam	0	0.0	3	8.8	2.5	8.8
Incidental Lab Result	0	0.0	1	2.9	3.0	10.5
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	2	100.0	34	100.0	28.5	100.0

CXR=Chest X-ray

*Data not available prior to 2009.

TB Cases By Residence At Time of Diagnosis

Residence	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Private Residence	2	100.0	31	91.2	29.4	93.6
Long-term Care	0	0.0	0	0.0	0.4	1.3
Corrections	0	0.0	0	0.0	0.4	1.3
Other	0	0.0	3	8.8	1.2	3.8
Totals	2	100.0	34	100.0	31.4	100.0

TB Cases By Medical Information

Medical Information	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Reported at Death	0	0.0	0	0.0	0.4	1.3
HIV	0	0.0	1	2.9	0.8	2.5
Diabetes*	0	0.0	4	11.8	2.0	7.0
ESRD*	0	0.0	0	0.0	0.5	1.8
Immunosuppressed*	0	0.0	1	2.9	1.0	3.5
Incomplete LTBI Tx*	0	0.0	3	8.8	3.0	10.5

HIV=Human Immunodeficiency Virus; ESRD=End Stage Renal Disease;

Immunopressed=Immunosuppression (not HIV);

LTBI Tx=Latent TB infection treatment

*Data not available prior to 2009; 2-year average calculated.

TB Cases By Risk Factors in 12 Mos Prior to Diagnosis

Risk Factors	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Contact*	0	0.0	2	5.9	3.5	12.3
Homeless	0	0.0	2	5.9	2.0	6.4
Excess Alcohol	0	0.0	3	8.8	2.4	7.6
Noninjecting Drugs	0	0.0	0	0.0	0.8	2.5
Injecting Drugs	0	0.0	0	0.0	0.4	1.3

Contact=contact to infectious TB case in <=2 years prior to TB diagnosis.

*Data not available prior to 2009; 2-year average calculated.

Cumulative YTD Drug Resistant TB Cases

County	Race	Ethnic	INH	RIF	PZA	EMB	SM	Other
Utah	W	H				X		
Salt Lake	A	NH	X	X				X Rifabutin, Ethionamide
Weber	B	NH	X					
Salt Lake	A	NH	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