



## Utah Department of Health & Human Services Monthly Tuberculosis Case Summary November 2022

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	2	6.3	1.4
5 to 14	0	0.0	1	3.1	0.8	3.7
15 to 24	0	0.0	2	6.3	3.0	13.9
25 to 34	2	40.0	6	18.8	4.2	19.4
35 to 44	1	20.0	3	9.4	3.2	14.8
45 to 54	1	20.0	4	12.5	2.4	11.1
55 to 64	1	20.0	3	9.4	3.6	16.7
65 to 74	0	0.0	5	15.6	1.2	5.6
75+	0	0.0	6	18.8	1.8	8.3
Totals	5	100.0	32	100.0	21.6	100.0

### TB Cases By Sex

Gender	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	Male	5	100.0	22	68.8	11.8
Female	0	0.0	10	31.3	9.8	45.4
Totals	5	100.0	32	100.0	21.6	100.0

### TB Cases By Race/Ethnicity

Race/Ethnicity	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	American Indian	0	0.0	2	6.3	0.6
Asian	2	40.0	9	28.1	5.8	26.9
Black	0	0.0	2	6.3	2.0	9.3
Hispanic*	2	40.0	14	43.8	8.4	38.9
Pacific Islander	1	20.0	1	3.1	2.2	10.2
White	0	0.0	4	12.5	2.6	12.0
Multiple Races	0	0.0	0	0.0	0.0	0.0
Totals	5	100.0	32	100.0	21.6	100.0

\*Persons of Hispanic ethnicity can be of any race category.

### TB Cases By Residence At Time of Diagnosis

Residence	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	Private Residence	5	100.0	30	93.8	20.0
Corrections	0	0.0	0	0.0	0.4	1.9
Homeless	0	0.0	2	6.3	0.6	2.8
Long-term Care	0	0.0	0	0.0	0.0	0.0
Other	0	0.0	0	0.0	0.6	2.8
Totals	5	100.0	32	100.0	21.6	100.0

### TB Cases By Reporting County

County	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	Beaver	0	0.0	0	0.0	0.0
Box Elder	0	0.0	0	0.0	0.4	1.9
Cache	0	0.0	0	0.0	0.2	0.9
Carbon	0	0.0	0	0.0	0.0	0.0
Daggett	0	0.0	0	0.0	0.0	0.0
Davis	1	20.0	2	6.3	2.4	11.1
Duchesne	0	0.0	0	0.0	0.0	0.0
Emery	0	0.0	0	0.0	0.2	0.9
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	3	60.0	20	62.5	14.6	67.6
San Juan	0	0.0	2	6.3	0.4	1.9
Sanpete	0	0.0	0	0.0	0.2	0.9
Sevier	0	0.0	0	0.0	0.0	0.0
Summit	0	0.0	0	0.0	0.2	0.9
Tooele	0	0.0	0	0.0	0.2	0.9
Uintah	0	0.0	0	0.0	0.0	0.0
Utah	1	20.0	4	12.5	1.8	8.3
Wasatch	0	0.0	0	0.0	0.0	0.0
Washington	0	0.0	3	9.4	0.4	1.9
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	1	3.1	0.6	2.8
Totals	5	100.0	32	100.0	21.6	100.0

### TB Cases By Site of Disease

Site of Disease	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	Pulmonary (P)	3	60.0	19	59.4	11.6
Extrapulmonary (EP)	1	20.0	11	34.4	7.8	36.1
P & EP	1	20.0	2	6.3	2.2	10.2
Totals	5	100.0	32	100.0	21.6	100.0

## Monthly Tuberculosis Case Summary

November 2022

### TB Cases By Case Verification

Case Verification	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Positive Culture	5	100.0	24	75.0	15.8	73.1
Positive NAAT	0	0.0	2	6.3	0.8	3.7
Positive Smear/Tissue	0	0.0	1	3.1	0.2	0.9
Clinical	0	0.0	3	9.4	4.4	20.4
Provider	0	0.0	2	6.3	0.4	1.9
Totals	5	100.0	32	100.0	21.6	100.0

\*NAAT=Nucleic Acid Amplification Test

### TB Cases By Primary Reason for Evaluation

Reason for Evaluation	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
TB Symptoms	5	100.0	25	78.1	13.6	63.0
Screening	0	0.0	2	6.3	2.4	11.1
Contact Investigation	0	0.0	1	3.1	1.4	6.5
Other	0	0.0	4	12.5	4.2	19.4
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	5	100.0	32	100.0	21.6	100.0

\*Screening includes targeted testing, employee testing, student preenrollment testing, etc.

\*\*Other includes incidental lab results or findings, or any other reason that does not fit in the other categories.

### TB Cases By Medical Information

Medical Information	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
HIV	0	0.0	1	3.1	0.8	3.7
Reported at Death	0	0.0	3	9.4	0.4	1.9
Died During Tx	1	20.0	3	9.4	1.0	4.6
Diabetes Mellitus	0	0.0	4	12.5	3.8	17.6
ESRD	0	0.0	2	6.3	0.4	1.9
Immunosuppressed	1	20.0	2	6.3	1.2	5.6
TNF- $\alpha$ Antagonist Tx	0	0.0	0	0.0	1.6	7.4

HIV=Human Immunodeficiency Virus; Tx=Treatment

ESRD=End State Renal Disease

Immunopressed=Immunosuppression (not HIV)

### TB Cases By Risk Factors in 12 Mos Prior to Diagnosis

Risk Factors	Current Month		Year to Date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Homeless	0	0.0	2	6.3	0.8	3.7
Excess Alcohol	1	20.0	3	9.4	2.2	10.2
Injecting Drugs	0	0.0	0	0.0	0.4	1.9
Noninjecting Drugs	0	0.0	3	9.4	0.6	2.8

### Year-to-Date Drug Resistant TB Cases

County	R/E	Drug Resistance					
		INH	RIF	PZA	EMB	SM	Other anti-TB medications:
Salt Lake				X			
Salt Lake				X			
Washington		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