



Utah Department of  
**Health & Human**  
 Services  
 Monthly tuberculosis case summary  
 April 2024  
 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	1	16.7	1	5.6	0.8	9.8
5 to 14	0	0.0	1	5.6	0.2	2.4
15 to 24	2	33.3	5	27.8	1.2	14.6
25 to 34	3	50.0	5	27.8	2.2	26.8
35 to 44	0	0.0	0	0.0	1.0	12.2
45 to 54	0	0.0	2	11.1	0.8	9.8
55 to 64	0	0.0	1	5.6	0.8	9.8
65 to 74	0	0.0	3	16.7	0.4	4.9
75+	0	0.0	0	0.0	0.8	9.8
<b>Totals</b>	<b>6</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>8.2</b>	<b>100.0</b>

**TB cases by sex**

Gender	Current month		Year to date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	4	66.7	13	72.2	4.6	56.1
Female	2	33.3	5	27.8	3.6	43.9
<b>Totals</b>	<b>6</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>8.2</b>	<b>100.0</b>

**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	0	0.0	0.0	0.0
Asian	0	0.0	4	22.2	1.6	19.5
Black	1	16.7	3	16.7	0.6	7.3
Hispanic*	4	66.7	10	55.6	3.0	36.6
Pacific Islander	1	16.7	1	5.6	1.6	19.5
White	0	0.0	0	0.0	1.4	17.1
Multiple races	0	0.0	0	0.0	0.0	0.0
<b>Totals</b>	<b>6</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>8.2</b>	<b>100.0</b>

\*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	6	100.0	18	100.0	7.4	90.2
Corrections	0	0.0	0	0.0	0.2	2.4
Homeless	0	0.0	0	0.0	0.2	2.4
Long-term care	0	0.0	0	0.0	0.2	2.4
Other	0	0.0	0	0.0	0.2	2.4
<b>Totals</b>	<b>6</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>8.2</b>	<b>100.0</b>

**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	0.0
Box Elder	0	0.0	1	5.6	0.0	0.0
Cache	2	33.3	3	16.7	0.6	7.3
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	0.8	9.8
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	0.0	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	4	66.7	13	72.2	5.4	65.9
San Juan	0	0.0	0	0.0	0.0	0.0
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	0.0	0.0
Tooele	0	0.0	0	0.0	0.0	0.0
Uintah	0	0.0	0	0.0	0.0	0.0
Utah	0	0.0	1	5.6	0.4	4.9
Wasatch	0	0.0	0	0.0	0.0	0.0
Washington	0	0.0	0	0.0	0.2	2.4
Wayne	0	0.0	0	0.0	0.2	2.4
Weber	0	0.0	0	0.0	0.6	7.3
<b>Totals</b>	<b>6</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>8.2</b>	<b>100.0</b>

**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)	4	66.7	11	61.1	4.8	58.5
Extrapulmonary (EP)	1	16.7	6	33.3	2.8	34.1
P & EP	1	16.7	1	5.6	0.6	7.3
<b>Totals</b>	<b>6</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>8.2</b>	<b>100.0</b>

## Monthly tuberculosis case summary

April 2024

### TB cases by case verification

Case verification	Current month		Year to date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	Positive culture	4	66.7	16	88.9	5.6
Positive NAAT	2	33.3	2	11.1	0.4	4.9
Positive smear/tissue	0	0.0	0	0.0	0.0	0.0
Clinical	0	0.0	0	0.0	1.6	19.5
Provider	0	0.0	0	0.0	0.6	7.3
Totals	6	100.0	18	100.0	8.2	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	6	100.0	18	100.0	6.6
Screening	0	0.0	0	0.0	1.0	12.2
Contact investigation	0	0.0	0	0.0	0.6	7.3
Other	0	0.0	0	0.0	0.0	0.0
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	6	100.0	18	100.0	8.2	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	0	0.0	0.4
Reported at death	0	0.0	1	5.6	0.2	2.4
Died during Tx	0	0.0	1	5.6	0.4	4.9
Diabetes mellitus	0	0.0	3	16.7	1.4	17.1
ESRD	0	0.0	3	16.7	0.2	2.4
Immunosuppressed	0	0.0	0	0.0	0.0	0.0
TNF- $\alpha$ Antagonist Tx	0	0.0	1	5.6	0.4	4.9

HIV=Human immunodeficiency virus; Tx=Treatment

ESRD=End stage renal disease

Immunopressed=Immunosuppression (not HIV)

### TB cases by risk factor in 12 months prior to diagnosis

Risk Factors	Current month		Year to date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	Homeless	0	0.0	0	0.0	0.2
Excess alcohol	0	0.0	1	5.6	0.6	7.3
Injecting drugs	0	0.0	0	0.0	0.0	0.0
Noninjecting drugs	0	0.0	0	0.0	0.4	4.9

### TB cases by origin of birth

Origin of birth	Current month		Year to date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
	US born	1	16.7	3	16.7	2.2
Non-US born	5	83.3	15	83.3	6.0	73.2
Totals	6	100.0	18	100.0	8.2	100.0

### Year-to-date drug resistant TB cases

County	R/E	Drug resistance					Other anti-TB medications:
		INH	RIF	PZA	EMB	SM	
Salt Lake	B	X		X	X		
Bear River	W	X		X			
Bear River	I			X			
Salt Lake	H			X			
Salt Lake	H			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