



## Monthly tuberculosis case summary

### December 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	0	0.0	3	5.9	1.4	5.0
5 to 14	0	0.0	3	5.9	0.4	1.4
15 to 24	0	0.0	10	19.6	3.6	12.9
25 to 34	0	0.0	12	23.5	4.8	17.1
35 to 44	1	33.3	8	15.7	4.2	15.0
45 to 54	0	0.0	3	5.9	3.4	12.1
55 to 64	0	0.0	4	7.8	3.6	12.9
65 to 74	0	0.0	4	7.8	4.0	14.3
75+	2	66.7	4	7.8	2.6	9.3
Totals	3	100.0	51	100.0	28.0	100.0

#### TB cases by sex

Gender	Current month		Year to date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Male	3	100.0	32	62.7	16.6	59.3
Female	0	0.0	19	37.3	11.4	40.7
Totals	3	100.0	51	100.0	28.0	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	0	0.0	0.6	2.1
Asian	1	33.3	11	21.6	7.8	27.9
Black	0	0.0	4	7.8	2.0	7.1
Hispanic*	2	66.7	29	56.9	11.4	40.7
Pacific Islander	0	0.0	5	9.8	2.6	9.3
White	0	0.0	2	3.9	3.2	11.4
Multiple races	0	0.0	0	0.0	0.4	1.4
Totals	3	100.0	51	100.0	28.0	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	3	100.0	47	92.2	26.4	94.3
Corrections	0	0.0	0	0.0	0.6	2.1
Homeless	0	0.0	3	5.9	0.6	2.1
Long-term care	0	0.0	0	0.0	0.0	0.0
Other	0	0.0	1	2.0	0.4	1.4
Totals	3	100.0	51	100.0	28.0	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	0.2	0.7
Box Elder	0	0.0	1	2.0	0.4	1.4
Cache	0	0.0	5	9.8	0.6	2.1
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	2.0	2.2	7.9
Duchesne	0	0.0	0	0.0	0.0	0.0
Emery	0	0.0	0	0.0	0.2	0.7
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	2	66.7	35	68.6	18.2	65.0
San Juan	0	0.0	0	0.0	0.4	1.4
Sanpete	0	0.0	0	0.0	0.2	0.7
Sevier	0	0.0	0	0.0	0.0	0.0
Summit	0	0.0	1	2.0	0.0	0.0
Tooele	0	0.0	1	2.0	0.2	0.7
Uintah	0	0.0	0	0.0	0.0	0.0
Utah	1	33.3	5	9.8	3.4	12.1
Wasatch	0	0.0	0	0.0	0.2	0.7
Washington	0	0.0	2	3.9	1.0	3.6
Wayne	0	0.0	0	0.0	0.2	0.7
Weber	0	0.0	0	0.0	0.6	2.1
Totals	3	100.0	51	100.0	28.0	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)	1	33.3	33	64.7	16.6	59.3
Extrapulmonary (EP)	2	66.7	15	29.4	2.0	7.1
P & EP	0	0.0	3	5.9	9.4	33.6
Totals	3	100.0	51	100.0	28.0	100.0

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### TB cases by case verification

Case verification	Current month		Year to date (YTD)		Previous 5-yr YTD average	
	No.	%	No.	%	No.	%
Positive culture	2	66.7	45	88.2	19.8	70.7
Positive NAAT	0	0.0	1	2.0	1.0	3.6
Positive smear/tissue	0	0.0	0	0.0	0.4	1.4
Clinical	1	33.3	5	9.8	6.0	21.4
Provider	0	0.0	0	0.0	0.8	2.9
Totals	3	100.0	51	100.0	28.0	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	3	100.0	51	100.0	24.2	86.4
Screening	0	0.0	0	0.0	2.6	9.3
Contact investigation	0	0.0	0	0.0	1.2	4.3
Other	0	0.0	0	0.0	0.0	0.0
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	3	100.0	51	100.0	28.0	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	1	33.3	4	7.8	0.6	2.1
Reported at death	1	33.3	1	2.0	1.2	4.3
Died during Tx	0	0.0	3	5.9	3.0	10.7
Diabetes mellitus	2	66.7	12	23.5	5.4	19.3
ESRD	0	0.0	3	5.9	0.8	2.9
Immunosuppressed	0	0.0	1	2.0	1.2	4.3
TNF-α Antagonist Tx	0	0.0	2	3.9	1.6	5.7

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	2	3.9	0.8	2.9
Excess alcohol	1	33.3	4	7.8	1.8	6.4
Injecting drugs	0	0.0	0	0.0	0.2	0.7
Noninjecting drugs	0	0.0	3	5.9	1.4	5.0

### 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	0	0.0	9	17.6	5.2	18.6
Non-US born	3	100.0	42	82.4	22.8	81.4
Totals	3	100.0	51	100.0	28.0	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