



Utah Department of
Health & Human
Services

Monthly Tuberculosis Case Summary

July 2022

Provisional Data

TB Cases By Age Group

| Age Group (in years) | Current | | Year to Date | | Previous 5-yr | |
|-------------------------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| 0 to 4 | 0 | 0.0 | 2 | 9.5 | 1.2 | 9.5 |
| 5 to 14 | 0 | 0.0 | 1 | 4.8 | 0.6 | 4.8 |
| 15 to 24 | 0 | 0.0 | 1 | 4.8 | 1.6 | 12.7 |
| 25 to 34 | 0 | 0.0 | 3 | 14.3 | 2.2 | 17.5 |
| 35 to 44 | 1 | 33.3 | 2 | 9.5 | 2.4 | 19.0 |
| 45 to 54 | 0 | 0.0 | 3 | 14.3 | 1.8 | 14.3 |
| 55 to 64 | 0 | 0.0 | 2 | 9.5 | 1.8 | 14.3 |
| 65 to 74 | 0 | 0.0 | 1 | 4.8 | 0.4 | 3.2 |
| 75+ | 2 | 66.7 | 6 | 28.6 | 0.6 | 4.8 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

TB Cases By Sex

| Gender | Current | | Year to Date | | Previous 5-yr | |
|--------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| Male | 0 | 0.0 | 13 | 61.9 | 6.2 | 49.2 |
| Female | 3 | 100.0 | 8 | 38.1 | 6.4 | 50.8 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

TB Cases By Race/Ethnicity

| Race/Ethnicity | Current | | Year to Date | | Previous 5-yr | |
|------------------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| American Indian | 0 | 0.0 | 2 | 9.5 | 0.2 | 1.6 |
| Asian | 1 | 33.3 | 6 | 28.6 | 3.0 | 23.8 |
| Black | 0 | 0.0 | 1 | 4.8 | 1.0 | 7.9 |
| Hispanic* | 2 | 66.7 | 8 | 38.1 | 4.8 | 38.1 |
| Pacific Islander | 0 | 0.0 | 0 | 0.0 | 2.0 | 15.9 |
| White | 0 | 0.0 | 4 | 19.0 | 1.6 | 12.7 |
| Multiple Races | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

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

TB Cases By Residence At Time of Diagnosis

| Residence | Current | | Year to Date | | Previous 5-yr | |
|-------------------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| Private Residence | 3 | 100.0 | 20 | 95.2 | 11.6 | 92.1 |
| Corrections | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Homeless | 0 | 0.0 | 1 | 4.8 | 0.4 | 3.2 |
| Long-term Care | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Other | 0 | 0.0 | 0 | 0.0 | 0.6 | 4.8 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

TB Cases By Reporting County

| County | Current | | Year to Date | | Previous 5-yr | |
|------------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| Beaver | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Box Elder | 0 | 0.0 | 0 | 0.0 | 0.2 | 1.6 |
| Cache | 0 | 0.0 | 0 | 0.0 | 0.2 | 1.6 |
| 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 | 15.9 |
| 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 | 2 | 66.7 | 14 | 66.7 | 8.4 | 66.7 |
| San Juan | 0 | 0.0 | 2 | 9.5 | 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 | 0.2 | 1.6 |
| Tooele | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Uintah | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Utah | 1 | 33.3 | 3 | 14.3 | 1.0 | 7.9 |
| Wasatch | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Washington | 0 | 0.0 | 1 | 4.8 | 0.2 | 1.6 |
| Wayne | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Weber | 0 | 0.0 | 1 | 4.8 | 0.4 | 3.2 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

TB Cases By Site of Disease

| Site of Disease | Current | | Year to Date | | Previous 5-yr | |
|---------------------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| Pulmonary (P) | 2 | 66.7 | 13 | 61.9 | 6.4 | 50.8 |
| Extrapulmonary (EP) | 1 | 33.3 | 7 | 33.3 | 4.6 | 36.5 |
| P & EP | 0 | 0.0 | 1 | 4.8 | 1.6 | 12.7 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

Monthly Tuberculosis Case Summary

July 2022

TB Cases By Case Verification

| Case Verification | Current | | Year to Date | | Previous 5-yr | |
|-----------------------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| Positive Culture | 2 | 66.7 | 15 | 71.4 | 10.0 | 79.4 |
| Positive NAAT | 0 | 0.0 | 0 | 0.0 | 0.6 | 4.8 |
| Positive Smear/Tissue | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Clinical | 1 | 33.3 | 5 | 23.8 | 1.6 | 12.7 |
| Provider | 0 | 0.0 | 1 | 4.8 | 0.4 | 3.2 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

*NAAT=Nucleic Acid Amplification Test

TB Cases By Primary Reason for Evaluation

| Reason for Evaluation | Current | | Year to Date | | Previous 5-yr | |
|-----------------------|---------|-------|--------------|-------|---------------|-------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| TB Symptoms | 3 | 100.0 | 17 | 81.0 | 7.8 | 61.9 |
| Screening | 0 | 0.0 | 2 | 9.5 | 1.4 | 11.1 |
| Contact Investigation | 0 | 0.0 | 1 | 4.8 | 0.8 | 6.3 |
| Other | 0 | 0.0 | 1 | 4.8 | 2.6 | 20.6 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Totals | 3 | 100.0 | 21 | 100.0 | 12.6 | 100.0 |

*Screening includes targeted testing, employee testing, student pre-enrollment 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 | | Year to Date | | Previous 5-yr | |
|-----------------------------|---------|------|--------------|------|---------------|------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| HIV | 0 | 0.0 | 1 | 4.8 | 0.8 | 6.3 |
| Reported at Death | 1 | 33.3 | 2 | 9.5 | 0.2 | 1.6 |
| Died During Tx | 0 | 0.0 | 1 | 4.8 | 0.4 | 3.2 |
| Diabetes Mellitus | 0 | 0.0 | 3 | 14.3 | 2.6 | 20.6 |
| ESRD | 0 | 0.0 | 2 | 9.5 | 0.4 | 3.2 |
| Immunosuppressed | 0 | 0.0 | 1 | 4.8 | 0.8 | 6.3 |
| TNF- α Antagonist Tx | 0 | 0.0 | 0 | 0.0 | 0.6 | 4.8 |

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 | | Year to Date | | Previous 5-yr | |
|--------------------|---------|-----|--------------|-----|---------------|------|
| | Month | | (YTD) | | YTD average | |
| | No. | % | No. | % | No. | % |
| Homeless | 0 | 0.0 | 1 | 4.8 | 0.4 | 3.2 |
| Excess Alcohol | 0 | 0.0 | 0 | 0.0 | 1.4 | 11.1 |
| Injecting Drugs | 0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 |
| Noninjecting Drugs | 0 | 0.0 | 1 | 4.8 | 0.2 | 1.6 |

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 | | | |

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