



Utah Department of  
**Health & Human**  
Services

Monthly Tuberculosis Case Summary

June 2022

Provisional Data

TB Cases By Age Group

| Age Group<br>(in years) | Current |       | Year to Date |       | Previous 5-yr |       |
|-------------------------|---------|-------|--------------|-------|---------------|-------|
|                         | Month   |       | (YTD)        |       | YTD average   |       |
|                         | No.     | %     | No.          | %     | No.           | %     |
| 0 to 4                  | 1       | 14.3  | 2            | 11.1  | 1.2           | 10.3  |
| 5 to 14                 | 0       | 0.0   | 1            | 5.6   | 0.6           | 5.2   |
| 15 to 24                | 0       | 0.0   | 1            | 5.6   | 1.4           | 12.1  |
| 25 to 34                | 1       | 14.3  | 3            | 16.7  | 1.8           | 15.5  |
| 35 to 44                | 0       | 0.0   | 1            | 5.6   | 2.2           | 19.0  |
| 45 to 54                | 1       | 14.3  | 3            | 16.7  | 1.6           | 13.8  |
| 55 to 64                | 1       | 14.3  | 2            | 11.1  | 1.8           | 15.5  |
| 65 to 74                | 0       | 0.0   | 1            | 5.6   | 0.4           | 3.4   |
| 75+                     | 3       | 42.9  | 4            | 22.2  | 0.6           | 5.2   |
| Totals                  | 7       | 100.0 | 18           | 100.0 | 11.6          | 100.0 |

TB Cases By Sex

| Gender | Current |       | Year to Date |       | Previous 5-yr |       |
|--------|---------|-------|--------------|-------|---------------|-------|
|        | Month   |       | (YTD)        |       | YTD average   |       |
|        | No.     | %     | No.          | %     | No.           | %     |
| Male   | 4       | 57.1  | 13           | 72.2  | 5.2           | 44.8  |
| Female | 3       | 42.9  | 5            | 27.8  | 6.4           | 55.2  |
| Totals | 7       | 100.0 | 18           | 100.0 | 11.6          | 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  | 2       | 28.6  | 2            | 11.1  | 0.2           | 1.7   |
| Asian            | 3       | 42.9  | 5            | 27.8  | 3.0           | 25.9  |
| Black            | 0       | 0.0   | 1            | 5.6   | 1.0           | 8.6   |
| Hispanic*        | 1       | 14.3  | 6            | 33.3  | 4.2           | 36.2  |
| Pacific Islander | 0       | 0.0   | 0            | 0.0   | 2.0           | 17.2  |
| White            | 1       | 14.3  | 4            | 22.2  | 1.2           | 10.3  |
| Multiple Races   | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Totals           | 7       | 100.0 | 18           | 100.0 | 11.6          | 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 | 7       | 100.0 | 17           | 94.4  | 10.8          | 93.1  |
| Corrections       | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Homeless          | 0       | 0.0   | 1            | 5.6   | 0.2           | 1.7   |
| Long-term Care    | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Other             | 0       | 0.0   | 0            | 0.0   | 0.6           | 5.2   |
| Totals            | 7       | 100.0 | 18           | 100.0 | 11.6          | 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           | 1.7   |
| Cache      | 0       | 0.0   | 0            | 0.0   | 0.2           | 1.7   |
| 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           | 17.2  |
| 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  | 3       | 42.9  | 12           | 66.7  | 7.4           | 63.8  |
| San Juan   | 2       | 28.6  | 2            | 11.1  | 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           | 1.7   |
| Tooele     | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Uintah     | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Utah       | 1       | 14.3  | 2            | 11.1  | 1.0           | 8.6   |
| Wasatch    | 0       | 0.0   | 0            | 0.0   | 0.2           | 1.7   |
| Washington | 1       | 14.3  | 1            | 5.6   | 0.0           | 0.0   |
| Wayne      | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Weber      | 0       | 0.0   | 1            | 5.6   | 0.4           | 3.4   |
| Totals     | 7       | 100.0 | 18           | 100.0 | 11.6          | 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)       | 6       | 85.7  | 11           | 61.1  | 5.6           | 48.3  |
| Extrapulmonary (EP) | 1       | 14.3  | 6            | 33.3  | 4.4           | 37.9  |
| P & EP              | 0       | 0.0   | 1            | 5.6   | 1.6           | 13.8  |
| Totals              | 7       | 100.0 | 18           | 100.0 | 11.6          | 100.0 |

## Monthly Tuberculosis Case Summary

June 2022

### TB Cases By Case Verification

| Case Verification     | Current |       | Year to Date |       | Previous 5-yr |       |
|-----------------------|---------|-------|--------------|-------|---------------|-------|
|                       | Month   |       | (YTD)        |       | YTD average   |       |
|                       | No.     | %     | No.          | %     | No.           | %     |
| Positive Culture      | 6       | 85.7  | 13           | 72.2  | 9.2           | 79.3  |
| Positive NAAT         | 0       | 0.0   | 0            | 0.0   | 0.6           | 5.2   |
| Positive Smear/Tissue | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Clinical              | 1       | 14.3  | 4            | 22.2  | 1.4           | 12.1  |
| Provider              | 0       | 0.0   | 1            | 5.6   | 0.4           | 3.4   |
| Totals                | 7       | 100.0 | 18           | 100.0 | 11.6          | 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           | 5       | 71.4  | 14           | 77.8  | 7.0           | 60.3  |
| Screening             | 1       | 14.3  | 2            | 11.1  | 1.4           | 12.1  |
| Contact Investigation | 1       | 14.3  | 1            | 5.6   | 0.8           | 6.9   |
| Other                 | 0       | 0.0   | 1            | 5.6   | 2.4           | 20.7  |
| Unknown               | 0       | 0.0   | 0            | 0.0   | 0.0           | 0.0   |
| Totals                | 7       | 100.0 | 18           | 100.0 | 11.6          | 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            | 5.6  | 0.8           | 6.9  |
| Reported at Death           | 0       | 0.0  | 1            | 5.6  | 0.2           | 1.7  |
| Died During Tx              | 1       | 14.3 | 1            | 5.6  | 0.4           | 3.4  |
| Diabetes Mellitus           | 2       | 28.6 | 3            | 16.7 | 2.4           | 20.7 |
| ESRD                        | 1       | 14.3 | 2            | 11.1 | 0.4           | 3.4  |
| Immunosuppressed            | 1       | 14.3 | 1            | 5.6  | 0.6           | 5.2  |
| TNF- $\alpha$ Antagonist Tx | 0       | 0.0  | 0            | 0.0  | 0.4           | 3.4  |

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 |     | Year to Date |     | Previous 5-yr |      |
|--------------------|---------|-----|--------------|-----|---------------|------|
|                    | Month   |     | (YTD)        |     | YTD average   |      |
|                    | No.     | %   | No.          | %   | No.           | %    |
| Homeless           | 0       | 0.0 | 1            | 5.6 | 0.2           | 1.7  |
| Excess Alcohol     | 0       | 0.0 | 0            | 0.0 | 1.2           | 10.3 |
| Injecting Drugs    | 0       | 0.0 | 0            | 0.0 | 0.0           | 0.0  |
| Noninjecting Drugs | 0       | 0.0 | 1            | 5.6 | 0.2           | 1.7  |

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

| County | R/E | Drug Resistance |     |     |     |    | Other anti-TB medications: |
|--------|-----|-----------------|-----|-----|-----|----|----------------------------|
|        |     | INH             | RIF | PZA | EMB | SM |                            |
| None   |     |                 |     |     |     |    |                            |

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