

Federal Office of Rural Health Policy (FORHP)  
Office for the Advancement of Telehealth (OAT)

Telehealth Network Grant Program (TNGP)

**STUDENT LEVEL**

**This document is specific to student-level data elements.**

*The information in this section will be collected once each measurement period for all students who received any service as part of the SB-TNGP during this measurement period.*

**Data Element Dictionary**

The data element dictionary documents definitions, allowable values, sources for information, and instructions for abstraction.

The data elements are designed to provide the necessary data to calculate the measures. A data collection tool will be used for data entry. That tool will incorporate skip-logic. For example, data elements pertinent to specific clinical measures will open only for those schools that offer a relevant telehealth service.

Throughout this document there are references to “the measurement period.” There will be two measurement periods, each six months in duration. These will be January 1 – June 30 and July 1 – December 31.

<b>Data element number:</b>	B-1
<b>Variable name:</b>	School ID
<b>Variable definition:</b>	An ID assigned to each school
<b>Data collection level:</b>	Student
<b>Valid (allowable) values:</b>	<i>Any alphanumeric character</i>
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>Check that the ID for the school entered is consistent across measurement periods.</li> </ul>
<b>Source for definitions:</b>	Rural Telehealth Research Center

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<b>Data element number:</b>	B-2
<b>Variable name:</b>	Student ID
<b>Variable definition:</b>	An ID assigned to each case by the SB-TNGP grantee. To protect student confidentiality, this ID will be automatically converted to a non-linkable case ID when data are submitted to the RTRC data center.
<b>Data collection level:</b>	Student
<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during the measurement period
<b>Valid (allowable) values:</b>	<i>Any alphanumeric character</i>
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• This field should be used for internal purposes only to help schools link data elements for the same student that might have been obtained from different sources.</li> <li>• The student ID could be the student's full name or any other unique identifier.</li> <li>• To protect students' confidentiality, the student ID should not be shared with anyone outside the school system.</li> <li>• To protect the students' confidentiality, a non-linkable case ID will be automatically assigned to the record once it is submitted. The student ID will never be uploaded or saved in the study database and are for your own reference only.</li> </ul>
<b>Source for definitions:</b>	Rural Telehealth Research Center

<b>Data element number:</b>	B-3
<b>Variable name:</b>	Age
<b>Variable definition:</b>	The student's age on last day of measurement period
<b>Data collection level:</b>	Student
<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during the measurement period
<b>Valid (allowable) values:</b>	<i>Any numeric character</i>
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• Student age (in years) should be determined on the last day of the measurement period.</li> <li>• Do not round up. If the student is X years and 11 months, enter X years.</li> </ul>
<b>Source for definitions:</b>	US Census; CDC National Center for Health Statistics

<b>Data element number:</b>	B-4
<b>Variable name:</b>	Sex
<b>Variable definition:</b>	The student's sex
<b>Data collection level:</b>	Student
<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during the measurement period
<b>Valid (allowable) values:</b>	Check only one of the following. Options for response are: <input type="checkbox"/> <i>Female</i>

	<input type="checkbox"/> <i>Male</i> <input type="checkbox"/> <i>Other/Prefer not to say</i>
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• This can reflect the student’s identified sex.</li> <li>• “Other” can be used when/if student is intersex or transitioning.</li> </ul>
<b>Source for definitions:</b>	US Census; CDC National Center for Health Statistics

<b>Data element number:</b>	B-5
<b>Variable name:</b>	Race
<b>Variable definition:</b>	The student’s racial group
<b>Data collection level:</b>	Student
<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during this measurement period
<b>Valid (allowable) values:</b>	<p>Check only one of the following. Options for response are:</p> <input type="checkbox"/> <i>White</i> : Student’s race is White or the student has origins in Europe, the Middle East, or North Africa <input type="checkbox"/> <i>Black or African American</i> : Student’s race is Black or African American <input type="checkbox"/> <i>Asian</i> : Student’s race is Asian <input type="checkbox"/> <i>Native Hawaiian or other Pacific Islander</i> : Student’s race is Native Hawaiian/Pacific Islander <input type="checkbox"/> <i>American Indian or Alaska Native</i> : Student’s race is American Indian/Alaska Native <input type="checkbox"/> <i>Multiracial</i> : Student’s race is composed of or representing more than one racial group <input type="checkbox"/> <i>Unknown</i> : Unable to determine the student’s race or not stated (e.g., not documented, conflicting documentation, or student unwilling to provide)
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• If the student has more than one race (e.g., Black-White, Indian-White), select ‘<i>Multiracial</i>.’</li> <li>• Although the terms “Hispanic” and “Latino” are actually descriptions of the student’s ethnicity, it is not uncommon to find them referenced as race. If the student’s race is only as Hispanic/Latino, select ‘<i>Unknown</i>.’ If the race is mixed Hispanic/Latino with another race, use whatever race is given (e.g., Black-Hispanic – select ‘<i>Black</i>’). Other terms for Hispanic/Latino include Chicano, Cuban, H (for Hispanic), Latin American, Latina, Mexican, Mexican-American, Puerto Rican, South or Central American, and Spanish.</li> <li>• Black or African American: A person having origins in any of the black racial groups of Africa.</li> <li>• American Indian or Alaska Native: A person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment (e.g., any recognized tribal entity in North and South America [including Central America], Native American).</li> <li>• Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.</li> <li>• White: A person having origins in any of the original peoples of Europe, the</li> </ul>

	<p>Middle East, or North Africa (e.g., Caucasian, Iranian, White).</p> <ul style="list-style-type: none"> <li>• Native Hawaiian or Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.</li> </ul>
<b>Source for definitions:</b>	US Census; CDC National Center for Health Statistics

<b>Data element number:</b>	B-6
<b>Variable name:</b>	Ethnic group
<b>Variable definition:</b>	The student's ethnic group
<b>Data collection level:</b>	Student
<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during the measurement period
<b>Valid (allowable) values:</b>	<p>Check only one of the following. Options for response are:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <i>Hispanic ethnicity or Latino/Latina</i>: Student is of Hispanic ethnicity or Latino/Latina</li> <li><input type="checkbox"/> <i>Not Hispanic or Latino/Latina</i>: Student is not of Hispanic ethnicity or Latino/Latina or unable to determine</li> <li><input type="checkbox"/> <i>Unknown</i>: Unable to determine the student's ethnicity or not stated (e.g., not documented, conflicting documentation, or student unwilling to provide)</li> </ul>
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• Hispanic ethnicity and Latino/Latina signifies a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. The term "Spanish origin" can be used in addition to "Hispanic or Latino."</li> </ul> <p>Examples include:</p> <ul style="list-style-type: none"> <li>• Black-Hispanic</li> <li>• Chicano</li> <li>• H</li> <li>• Hispanic</li> <li>• Latin American</li> <li>• Latino/Latina</li> <li>• Mexican-American</li> <li>• Spanish</li> <li>• White-Hispanic</li> </ul>
<b>Source for definitions:</b>	US Census; CDC National Center for Health Statistics

<b>Data element number:</b>	B-7
<b>Variable name:</b>	School days missed (if available through school records)
<b>Variable definition:</b>	The student's total number of school days missed due to illness, injury, or outside health appointments during the measurement period
<b>Data collection level:</b>	Student
<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during the measurement period
<b>Valid (allowable) values:</b>	<i>Any numeric character or N/A indicating that the data are "Not Available"</i>

<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• This item is only for students receiving services through the SB-TNGP.</li> <li>• Depending on how the school indicates school days missed, this could include fractions or percentages of days for specific students, but the total number should be rounded to a whole integer.</li> <li>• This should be assessed on the last day of the measurement period.</li> <li>• We understand that this information will not be available in many schools, in which case enter N/A.</li> </ul>
<b>Source for definitions:</b>	Rural Telehealth Research Center

<b>Data element number:</b>	B-8
<b>Variable name:</b>	Primary care provider identified for student
<b>Variable definition:</b>	Indicates whether or not the student has a primary care provider either within or outside the SB-TNGP program during the measurement period
<b>Data collection level:</b>	Student
<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during the measurement period
<b>Valid (allowable) values:</b>	<p>Check only one of the following. Options for response are:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <i>The student does NOT have a primary care provider either within the SB-TNGP or outside</i></li> <li><input type="checkbox"/> <i>The student has a primary care provider WITHIN the SB-TNGP</i></li> <li><input type="checkbox"/> <i>The student has a primary care provider OUTSIDE the SB-TNGP</i></li> <li><input type="checkbox"/> <i>The student has a primary care provider BOTH WITHIN and OUTSIDE the SB-TNGP</i></li> </ul>
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• A primary care provider is a health care practitioner who sees people that have common medical problems. This person is most often a physician (MD or DO) or a physician assistant (PA) or a nurse practitioner (NP).</li> <li>• The primary care provider's role is to: provide preventive care and teach healthy lifestyle choices; identify and treat common medical conditions; assess the urgency of medical problems and direct to the best place for that care; and make referrals to medical specialists when necessary.</li> <li>• Primary care is most often provided in an outpatient setting but can also be provided in the school. A primary care provider is often involved in care for a long time. A primary care provider is the student's main health care provider in non-emergency situations.</li> <li>• A specialist provider should not be considered a primary care provider.</li> </ul>
<b>Source for definitions:</b>	NIH, US National Library of Medicine, Medline Plus. <a href="https://medlineplus.gov/ency/article/001939.htm">https://medlineplus.gov/ency/article/001939.htm</a>

<b>Data element number:</b>	B-9
<b>Variable name:</b>	Services received by this student
<b>Variable definition:</b>	Indicates whether or not the student received one or more of the clinical services available via telehealth through SB-TNGP
<b>Data collection level:</b>	Student

<b>Criteria:</b>	Students who received telehealth services through the SB-TNGP during the measurement period
<b>Skip logic:</b>	<ul style="list-style-type: none"> <li>• The response options will be limited to those that match the telehealth services available at the school during the measurement period.</li> <li>• NOTE that any checked boxes will be used in skip logic to open up the service-specific sets of questions.</li> </ul>
<b>Valid (allowable) values:</b>	<p>Check ALL boxes matching type of service received by student:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <i>Asthma</i></li> <li><input type="checkbox"/> <i>Diabetes</i></li> <li><input type="checkbox"/> <i>Behavioral health</i></li> <li><input type="checkbox"/> <i>Healthy weight</i></li> <li><input type="checkbox"/> <i>Oral health</i></li> </ul>
<b>Note for abstractions:</b>	<ul style="list-style-type: none"> <li>• Indicate which of the five telehealth services specified in the SB-TNGP Funding Opportunity Announcement (FOA) that are available at the school during the measurement period the student received.</li> <li>• Check all that apply because this student may have received multiple services if more than one is available through the SB-TNGP.</li> <li>• Having an ASTHMA service available for students means student has access through SB-TNGP to health care providers who are providing services to monitor and control asthma (e.g., primary care provider, pulmonologist, asthma specialist).</li> <li>• Having a DIABETES service available for students means student has access through SB-TNGP to health care providers who are providing services to monitor and control diabetes (e.g., primary care provider, registered nurse, registered dietitian, certified diabetes educator, endocrinologist).</li> <li>• Having a BEHAVIORAL HEALTH service available for students means student has access through SB-TNGP to either a licensed mental health professional (e.g., clinical psychologist, clinical social worker, professional counselor, mental health counselor, marriage and family therapist, etc.) or a medical provider trained in providing mental and behavioral health care (e.g., psychiatrist, primary care provider, psychiatric nurse, etc.).</li> <li>• Having a HEALTHY WEIGHT service available for students means student has access through SB-TNGP to health care providers who are providing services about nutrition and physical activity to maintain healthy weight (e.g., registered nurse, registered dietitian or nutrition professional, primary care provider).</li> <li>• Having an ORAL HEALTH service available for students means student has access through SB-TNGP to oral health providers (e.g., dental hygienist, dental therapist, dentist).</li> </ul>
<b>Source for definitions:</b>	SB TNGP FOA