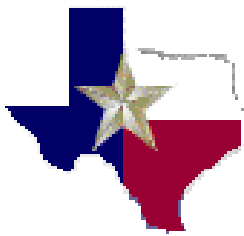# Texas Education Agency

TREx

Texas Records Exchange System

Changes and New Features
TREx version 4.8.3
May 2020

Texas Education Agency
1701 N. Congress Avenue
Austin, Texas 78701-1494

TEA released version *4.8.3* of TREx, on *May 2020.* This version contains new functionality, maintenance, and changes to support new reporting requirements.

PLEASE NOTE: TREx version *4.8.3* is backwards compatible with v*4.8.2*.

In order to take advantage of some new features, including new data elements, codes or edits, the extract program that generates the XML files will need to reference the new TREx schema, version *1.22*.

Item	TREx v *4.8.3* Enhancements	Requires Schema *1.22*	Requires Updates to Local Extract Program	Requires Updates to the Local SIS
1	Add new element **CRISIS-CODE (TE135)** **New Element**: CRISIS-CODE indicates a state health or weather-related event that impacts a group of students, and may require additional funding, educational, or social services. The event may or may not cause the student to leave the district or camps of residence. A crisis event is designated by the Commissioner of Education	Yes	Yes	Yes
2	ADD New Code Table **CRISIS-CODE (TC45)** 00 - COVID-19: Student Was Not Affected By A Health Or Weather Related Crisis 7A - COVID-19: Engaged For The Majority Of The Time Period 7B - COVID-19: Not Contactable For The Entire Time Period 7C - COVID-19: Not Contactable Prior To May 1st; Contact Made May 1st Or After But Not Engaged Through End Of The School Year 7D - COVID-19: Not Contactable Prior To May 1st; Contact Made May 1st Or After And Engaged Through End Of The School Year 7E - COVID-19: Contactable But Not Engaged For The Majority Of The Time Period 7F - COVID-19: Contactable But Not Engaged Prior To May 1st; Not Contactable May 1st Or After 7G - COVID-19: Contactable But Not Engaged Prior To May 1st; Engaged May 1st Or After Through End Of The School Year 7H - COVID-19: Engaged Prior To May 1st; Not Contactable May 1st Though End Of The School Year	Yes	Yes	Yes

Item	TREx v *4.8.3* Enhancements	Requires Schema *1.22*	Requires Updates to Local Extract Program	Requires Updates to the Local SIS
	7I - COVID-19: Engaged Prior To May 1st; Not Engaged May 1st Through End Of The School Year			
	08 - Reserved For Future Health Or Weather Related Crisis			
	09 - Reserved For Future Health Or Weather Related Crisis			
	10 - Reserved For Future Health Or Weather Related Crisis			
	11 - Reserved For Future Health Or Weather Related Crisis			
	12 - Reserved For Future Health Or Weather Related Crisis			
	13 - Reserved For Future Health Or Weather Related Crisis			
	14 - Reserved For Future Health Or Weather Related Crisis			
	15 - Reserved For Future Health Or Weather Related Crisis			
	16 - Reserved For Future Health Or Weather Related Crisis			
	17 - Reserved For Future Health Or Weather Related Crisis			
	18 - Reserved For Future Health Or Weather Related Crisis			
	19 - Reserved For Future Health Or Weather Related Crisis			
	20 - Reserved For Future Health Or Weather Related Crisis			
	21 - Reserved For Future Health Or Weather Related Crisis			
	22 - Reserved For Future Health Or Weather Related Crisis			
	23 - Reserved For Future Health Or Weather Related Crisis			
	24 - Reserved For Future Health Or Weather Related Crisis			
	25 - Reserved For Future Health Or Weather Related Crisis			
	26 - Reserved For Future Health Or Weather Related Crisis			
	27 - Reserved For Future Health Or Weather Related Crisis			
	28 - Reserved For Future Health Or Weather Related Crisis			
	29 - Reserved For Future Health Or Weather Related Crisis			
	30 - Reserved For Future Health Or Weather Related Crisis			
3	Add new codes to **PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS (TC36)** 130: Acknowledgment for AP: Research	No	No	No

Item	TREx v *4.8.3* Enhancements	Requires Schema *1.22*	Requires Updates to Local Extract Program	Requires Updates to the Local SIS
	183: Acknowledgment for IB: Analysis and Approaches SL			
	184: Acknowledgment for IB: Analysis and Approaches HL			
	185: Acknowledgment for IB: Applications and Interpretations SL			
	185: Acknowledgment for IB: Applications and Interpretations SL			

TREx Documentation:

The TREx *v4.8.3* Data Standards, Users Guide and Video Tutorials are available on the TEA website at http://tea.texas.gov/Reports_and_Data/Data_Submission/Texas_Records_Exchange_(TREx)/TREx_Data _Standards/.

Schema Changes:

In order to make use of new codes, new data elements, and edits in TREx *4.8.3* the school district software that generates the TREx XML must reference the new schema, version *v1.22*

For example:

XML file pointing to v1.21 of the TREx XSD

<trex:TRExStudentRecords xmlns:trex="urn:us:tx:state:tea:TREx:**v1.21**">

Should now reflect:

<trex:TRExStudentRecords xmlns:trex="urn:us:tx:state:tea:TREx:**v1.22**">

If the incorrect version displays, this means your Student Information System software needs to be updated with the most current version.

The new version *1.22* XSD file is available on the TREx website under the TREx Data Standards page, 2019-2020 TREx Data Standards version 4.8.3 at:

http://tea.texas.gov/Reports_and_Data/Data_Submission/Texas_Records_Exchange_(TREx)/TREx_Data _Standards/

To validate an XML file against the new XML Schema (XSD), download the XSD file and:

- Use an XML editor that supports schema validation (i.e. XMLSpy, Oxygen XML, Stylus Studio). A more comprehensive list of tool providers can be found at (http://www.w3.org/XML/Schema).

- Or use an API that supports XML/XSD validation (i.e. Xerces, Saxon,MSXML)

Please forward this email to your TREx extract vendor. If you or your vendor has any questions, please contact the TREx Help Desk at 512-463-7246 or email TREx@tea.Texas.gov.