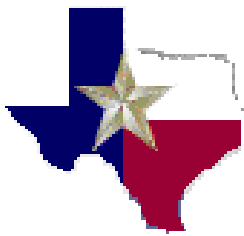


Texas Education Agency



TREx

Texas Records Exchange System

**Changes and New Features
TREx version 4.9
October 2020**

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

TREx
Texas Records Exchange System
Changes and New Feature 4.9

TEA released version **4.9** of TREx, in **October 2020**. This version contains new functionality, maintenance, and changes to support new reporting requirements.

PLEASE NOTE: TREx version 4.9 is backwards compatible with v4.8.3.

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 1.25.

| Item | TREx v 4.9 Enhancements | Requires Schema 1.25 | Requires Updates to Local Extract Program | Requires Updates to the Local SIS |
|------|---|-----------------------------|---|-----------------------------------|
| 1 | Add new element IBC-REIMBURSEMENT-INDICATOR (TE132) | Yes | Yes | Yes |
| 2 | Add new element SAT-ACT-REIMBURSEMENT-INDICATOR (TE134) | Yes | Yes | Yes |
| 3 | Add new element POST-SECONDARY-CERTIFICATION-LICENSURE-EARNED (TE133) | Yes | Yes | Yes |
| 4 | Add new code table INDUSTRY-CERTIFICATION-LICENSURE-CODE (TC44) <u>Code</u> <u>Change</u> 010 Adobe Certified Associate After Effects 011 Adobe Certified Associate Animate 012 Adobe Certified Associate Creative Cloud 013 Adobe Certified Associate Creative Suite 6 014 Adobe Certified Associate Flash 015 Adobe Certified Associate Illustrator 016 Adobe Certified Associate InDesign 017 Adobe Certified Associate Photoshop 018 Adobe Certified Associate Premiere Pro 019 Adobe Certified Associate Visual Design Specialist 020 Adobe Certified Associate Web Design Specialist 030 Adobe Certified Expert After Effects 031 Adobe Certified Expert Illustrator 032 Adobe Certified Expert InDesign 033 Adobe Certified Expert Photoshop 034 Adobe Certified Expert Web Premiere Pro 040 Aerospace Manufacturing 100 API 1104 Welding 101 Apple App Development with Swift 102 Apple Final Cut Pro X 103 Apple iWork 104 Apple Logic Pro X 120 ASE Auto Transmission 121 ASE Auto Transmission Entry Level | Yes | Yes | Yes |

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|------|---|--------------------------------|---|-----------------------------------|
| | 130 ASE Automobile Service Technology 131 ASE Automobile Service Technology Entry Level 140 ASE Brakes 141 ASE Brakes Entry Level 150 ASE Electrical/Electronic Systems 151 ASE Electrical/Electronic Systems Entry Level 160 ASE Engine Performance 161 ASE Engine Performance Entry Level 170 ASE Engine Repair 171 ASE Engine Repair Entry Level 181 ASE Heating, Ventilation, AC (HVAC) 182 ASE Heating, Ventilation, AC (HVAC) Entry Level 190 ASE Maintenance Light Repair 191 ASE Maintenance Light Repair Entry Level 200 ASE Manual Drive Train 201 ASE Manual Drive Train Axles Entry Level 210 ASE Mech Elec Components 211 ASE Mech Elec Components Entry Level 220 ASE Non-Structural Analysis Damage Repair 221 ASE Non-Structural Analysis Damage Repair Entry Level 230 ASE Painting & Refinishing 231 ASE Painting & Refinishing Entry Level 240 ASE Refrigerant Recovery and Recycling 250 ASE Structural Analysis Damage Repair 251 ASE Structural Analysis Damage Repair Entry Level 260 ASE Suspension and Steering 261 ASE Suspension and Steering Entry Level 270 ASE Truck Technician Brakes 271 ASE Truck Technician Brakes Entry Level 280 ASE Truck Technician Diesel Engines 281 ASE Truck Technician Diesel Engines Entry Level 290 ASE Truck Technician Drive Trains 300 ASE Truck Technician Electronic Systems 301 ASE Truck Technician Electronic Systems Entry Level 310 ASE Truck Technician HVAC 320 ASE Truck Technician Suspension Steering 321 ASE Truck Technician Suspension Steering Entry Level 330 Associate of (ISC) 331 Autodesk Certified Professional or User AutoCAD 332 Autodesk Certified Professional or User AutoCAD Civil 3D 333 Autodesk Certified Professional or User Autodesk Revit Building Systems 334 Autodesk Certified Professional or User Revit Architecture 335 Autodesk Certified Professional or User Revit MEP Electrical 336 Autodesk Certified Professional or User Inventor 340 AWS D1.1 Structural Steel 350 AWS D9.1 Sheet Metal Welding 351 AWS Certified Welder 360 AWS SENSE Welding Level 1 | | | |

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|------|---|-------------------------|---|-----------------------------------|
| | 361 Barber Operator License 362 Basic Structure Fire Protection 365 C++ Certified Associate Programmer 366 Certified Aerospace Technician 367 Certified Associate Project Management 368 Certified Cardiographic Technician 369 Certified Coding Associate 370 Certified Dental Assistant 380 Certified EKG Technician 381 Certified Electronics Systems Associate 382 Certified Engineering Technician - Audio Systems 383 Certified Fundamentals Cook 384 Certified Fundamentals Pastry Cook 385 Certified Hospitality & Tourism Management 386 Certified Insurance Service Representative 390 Certified Nurse Aide/Assistant 391 Certified Occupational Therapy Assistant 392 Certified Ophthalmic Technician 401 Certified Personal Trainer 402 Certified Respiratory Therapist 410 Certified SOLIDWORKS Associate - Academic 411 Certified Surgical Technologist 420 Certified Veterinary Assistant 430 Child Development Associate 439 Cisco Certified Design Associate 440 Cisco Certified Network Associate- Cloud (CCNA Cloud) 450 Cisco Certified Network Associate Security (CCNA Security) 451 Cisco Certified Network Associate- Cyber Ops (CCNA Cyber Ops) 452 Cisco Certified Network Associate - Data Center (CCNA Data Center) 453 Cisco Certified Network Associate- Service Provider (CCNA SP) 460 Cisco Certified Entry Networking Technician (CCENT) 470 Clinical Medical Assistant 478 Commercial Non Commercial Pesticide Applicator 479 Community Health Worker 480 Comp TIA A Plus Certification 481 CompTIA IT Fundamentals 490 Comp TIA Network 500 CompTIA Security Plus 508 Cosmetology Esthetician License 509 Cosmetology Manicurist License 510 Cosmetology Operator License 511 Educational Aide I 512 Entrepreneurship and Small Business 520 Electrical Apprenticeship Certificate Level 1 530 Emergency Medical Technician 531 ESRI ArcGIS Desktop Entry | | | |

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|------|--|-------------------------|---|-----------------------------------|
| | 532 FAA Aviation Maintenance Technician General 533 FAA Aviation Maintenance Technician Airframe 534 FAA Part 107 Remote Drone Pilot 535 FANUC Robot Operator 1 536 Feedyard Technician in Cattle Care and Handling 537 Feedyard Technician in Machinery Operation, Repair and Maintenance 538 Google Analytics Individual Qualification 539 Google Cloud Certified Professional - Cloud Architect 540 ISCET Certified Electronics Technicians 541 Landscape Irrigation Technician 542 Licensed Dental Hygienist 543 Licensed Dietetic Technician 544 Licensed Veterinarian Technician 545 Licensed Vocational Nurse 546 Limited License Radiology Technologist 547 Medical Coding and Billing Specialist 548 ManageFirst Professional 549 Mastercam Associate Certification 550 Medical Laboratory Assistant 551 Microsoft Office Specialist Excel 552 Microsoft Office Specialist Word 560 Microsoft Office Expert - Excel 570 Microsoft Office Expert - Word 580 Microsoft Office Specialist (MOS) Master-2016 581 Microsoft Office Specialist (MOS) Master-2013 (Track 1) 582 Microsoft Office Specialist (MOS) Master-2013 (Track 2) 583 Microsoft Office Specialist (MOS) Master-2013 (Track 3) 590 Microsoft Technology Associate (MTA) Cloud Fundamentals 591 Microsoft Technology Associate (MTA) Database Administration Fundamentals 592 Microsoft Technology Associate (MTA) HTML5 App Development Fundamentals 593 Microsoft Technology Associate (MTA) Intro Programming Using HTML and CSS 594 Microsoft Technology Associate (MTA) Intro Programming Using Java 595 Microsoft Technology Associate (MTA) Intro Programming Using JavaScript 596 Microsoft Technology Associate (MTA) Intro Programming Using Python 597 Microsoft Technology Associate (MTA) Mobility and Device Fundamentals 598 Microsoft Technology Associate (MTA) Networking Fundamentals 599 Microsoft Technology Associate (MTA) Security Fundamentals 600 National Metal Working Skills Certification- ITM Basic Mechanical Systems | | | |

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|------|---|-------------------------|---|-----------------------------------|
| | 601 National Metal Working Skills Certification- ITM Basic Pneumatic Systems 602 National Metal Working Skills Certification- ITM Electrical Systems 603 National Metal Working Skills Certification- ITM Electronic Control Systems 604 National Metal Working Skills Certification- ITM Maintenance Operations 605 National Metal Working Skills Certification- ITM Maintenance Piping 606 National Metal Working Skills Certification- ITM Maintenance Welding 607 National Metal Working Skills Certification- ITM Process Control Systems 610 NCCER Carpentry Level I 611 NCCER Carpentry Level II 612 NCCER Commercial Carpenter 613 NCCER Construction Site Safety Technician 620 NCCER Construction Technology Certification Level I 630 NCCER Core Level I 640 NCCER Electrical Level I 641 NCCER Electrical Level II 642 NCCER Commercial Electrician 650 NCCER Electronic System Technician Level I 651 NCCER Electronic System Technician Level II 660 NCCER Heating Ventilation Air Conditioning Level I 670 NCCER Industrial Maintenance Level I 680 NCCER Instrumentation Level I 690 NCCER Masonry Level I 691 NCCER Masonry Level II 700 NCCER Millwright Level I 701 NCCER Millwright Level II 710 NCCER Painting Level I 720 NCCER Pipefitting Level I 730 NCCER Plumbing Level I 731 NCCER Plumbing Level II 740 NCCER Sheet Metal Level I 750 NCCER Weatherization Level I 760 NCCER Welding Level I 761 Non-Commissioned Security Officer Level II 770 Oracle Certified Associate Java SE 8 Programmer 780 Oracle Certified Database Associate 781 Orthopedic Exercise Specialty Certification 782 Orthopedic Technologist 783 OSHA 30 Hour Construction 784 OSHA 30 Hour General 785 OSHA Hazardous Waste Operations and Emergency Response 786 Patient Care Technician 790 Pharmacy Technician | | | |

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|------|--|-------------------------|---|-----------------------------------|
| | 800 Phlebotomy Technician 810 QuickBooks Certified User 811 ServSafe Manager 812 Texas State Floral Association Floral Skills Knowledge Based 813 Texas State Floral Association Level I 814 Texas State Floral Association Level II 815 Tradesman Plumber-Limited License 816 Unity Certified Programmer 820 Wastewater Collections 830 Water Operators 831 WD Certified Web Design 832 Google Cloud Certified Professional- G Suite 833 IAED Emergency Telecommunicator 834 ISA Certified Control Systems Technician 835 Mastercam Associate Certification Mill Design and Toolpaths 836 Mastercam Certified Professional Mill Level 1 837 Mastercam Professional Level Certification 838 Microsoft Technology Associate (MTA) Software Development Fundamentals 839 Microsoft Technology Associate (MTA) Windows Operating System Fundamentals 840 Microsoft Technology Associate (MTA) Windows Server Administration Fundamentals 841 MSSC Certified Logistics Technician (CLT) 842 MSSC Certified Production Technician (CPT) 843 National Metal Working Skills Machining CNC Milling Operations 844 National Metal Working Skills Machining CNC Milling Programming Set Up 845 National Metal Working Skills Machining CNC Turning Operations 846 National Metal Working Skills Machining CNC Turning Programming Set Up 847 National Metal Working Skills Machining Drill Press Skills 1 848 National Metal Working Skills Machining Grinding Skills 1 849 National Metal Working Skills Machining Manual Milling Skills 1 850 National Metal Working Skills Machining Measurement, Material, Safety 860 Real Estate Sales Agent License 870 Refrigerant Handling (EPA 608) 880 Registered Dental Assistant 890 Registered Diagnostic Medical Sonographer - Abdomen 891 Registered Diagnostic Medical Sonographer - Obstetrics and Gynecology 900 Registered Nurse | | | |

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|------|---|-------------------------|---|-----------------------------------|
| | 910 Registered Technologist - Cardiac-Interventional Radiography 911 Registered Technologist - Computed Tomography 912 Registered Technologist - Magnetic Resonance Imaging 913 Registered Technologist - Mammography 914 Registered Technologist - Nuclear Medicine Technology 915 Registered Technologist - Radiography 916 Registered Technologist - Sonography 917 Registered Technologist - Vascular Sonography 918 Registered Technologist - Vascular-Interventional Radiography 930 Registered Vascular Technology 931 Medical Laboratory Technician | | | |
| 5 | Update code table LANGUAGE-CODE (TC14) to add new code Code: 6B Description: American Sign Language (ASL) | Yes | Yes | Yes |
| 6 | Add code table ASSESSMENT-NAME (TC01) back to data standards | No | No | No |
| 7 | Add new data element RS-TOTAL-DAYS-PRESENT (TE136) | Yes | Yes | Yes |
| 8 | Add new data element RA-TOTAL-DAYS-PRESENT (TE137) | Yes | Yes | Yes |
| 9 | Add new data element CRISIS-CODE (TE135) | Yes | Yes | Yes |
| 10 | Add new code table CRISIS-CODE (TC45) 00 COVID-19: Student Was Not Affected By A Health Or Weather 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 | Yes | Yes | Yes |

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|------|---|--------------------------------|---|-----------------------------------|
| | 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 7I COVID-19: Engaged Prior To May 1st; Not Engaged May 1st Through End Of The School Year | | | |
| 11 | Update code table CRISIS-CODE (TC45) 8A COVID19: On September 28, 2020 student is being instructed on-campus. 8B COVID19: On September 28, 2020 student is being instructed through the remote synchronous method. 8C COVID19: On September 28, 2020 student is being instructed through the remote asynchronous method. 9A COVID19: On October 30, 2020 student is being instructed on-campus. 9B COVID19: On October 30, 2020 student is being instructed through the remote synchronous method. 9C COVID19: On October 30, 2020 student is being instructed through the remote asynchronous method. | Yes | Yes | Yes |
| 12 | Update data element name SAT-ACT-REIMBURSEMENT-INDICATOR (TE134) SAT-ACT- TSIA -REIMBURSEMENT-INDICATOR Update element definition SAT-ACT- TSIA -REIMBURSEMENT-INDICATOR indicates that a prior or current LEA has received the one-time allowed SAT, ACT or TSIA fee reimbursement for the student. | Yes | Yes | Yes |
| 13 | Update code table WITHDRAWL-REASON-CODE (TC23) to add new code Code: 08 Description: Pregnancy Code: 20 Description: Medical Injury | Yes | Yes | Yes |

TREx Documentation:

The TREx v4.9 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/](http://tea.texas.gov/Reports_and_Data/Data_Submission/Texas_Records_Exchange_(TREx)/TREx_Data_Standards/).

Schema Changes:

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To make use of new codes, new data elements, and edits in TREx 4.9, the school district software that generates the TREx XML must reference the new schema, version v1.25

For example:

XML file pointing to v1.22 of the TREx XSD

```
<trex:TRExStudentRecords xmlns:trex="urn:us:tx:state:tea:TREx:v1.24">
```

Should now reflect:

```
<trex:TRExStudentRecords xmlns:trex="urn:us:tx:state:tea:TREx:v1.25">
```

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

The new version 1.25 XSD file is available on the TREx website under the TREx Data Standards page, 2020-2021 TREx Data Standards version 4.9 at:

[http://tea.texas.gov/Reports_and_Data/Data_Submission/Texas_Records_Exchange_\(TREx\)/TREx_Data_Standards/](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.