Changes to TREX Version 4.1.1

Section 1 – Overview

Section 2 - Data Elements

New Data Elements

Pages 2.55 – 2.59, New Data Elements for Performance Acknowledgments.

Common Name	XML Name	Complex Type
PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS	ApIbType	AcademicStatusType
Definition		
PERFORMANCE ACKNOWLEDGMENT: ADVANCED PLACEMENT / INTERNATIONAL BACCALAUREATE EXAMS indicates the student has earned a performance acknowledgment for outstanding performance on a College Board AP test or IB examination.		
Special Instructions		
The student must earn (1) a score of 3 or above on a College Board AP examination; or (2) a score of 4 or above on an IB examination.		

Data Specifications			
Element ID	**Code Table ID**	**Required?**	**Domain of Values**
TE110	TC036	No	
Applicable Record	**Length**	**Type**	**Pattern**
Student Record AAR-Transcript	3	CODED	###

Common Name	XML Name	Complex Type
PERFORMANCE ACKNOWLEDGMENT BILINGUALISM BILITERACY	BilingBilitType	AcademicStatusType
Definition		
PERFORMANCE ACKNOWLEDGMENT: BILINGUALISM / BILITERACY indicates the student has earned a performance acknowledgment for outstanding performance in a bilingualism and biliteracy.		

Special Instructions

The student must demonstrate proficiency, in accordance with local school district grading policy, in two or more languages by:

(1) completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and

(2) satisfying one of the following:

> (i) completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or

> (ii) demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or

> (iii) completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or

> (iv) demonstrated proficiency in one or more languages other than English through one of the following methods:

>> (I) a score of 3 or higher on a College Board Advanced Placement examination for a language other than English; or

>> (II) a score of 4 or higher on an International Baccalaureate examination for a higher-level languages other than English course; or

>> (III) performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.

(3) An English language learner must also have:

> (A) participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and

(B) scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

Data Specifications

Element ID	Code Table ID	Required?	Domain of Values
TE111	TC037	No	

Applicable Record	Length	Type	Pattern
Student Record AAR-Transcript	1	CODED	###

Common Name	XML Name	Complex Type
PERFORMANCE ACKNOWLEDGMENT CERTIFICATION LICENSURES	CertLicType	AcademicStatusType

Definition
PERFORMANCE ACKNOWLEDGMENT: CERTIFICATONS / LICENSURES indicates the student has earned a nationally or internationally recognized business or industry certification or license.

Special Instructions

(1) A student may earn the Certifications / Licensures performance acknowledgment with:

    (A) performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or

    (B) performance on an examination sufficient to obtain a government-required credential to practice a profession.

(2) Nationally or internationally recognized business or industry certification shall be defined as an industry validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:

    (A) a national or international business, industry, or professional organization;

    (B) a state agency or other government entity; or

    (C) a state-based industry association.

(3) Certifications or licensures for performance acknowledgments shall:
    (A) be age appropriate for high school students;

    (B) represent a student's substantial course of study and/or end-of-program knowledge and skills;

    (C) include an industry recognized examination or series of examinations, an industry validated skill test, or demonstrated proficiency through documented, supervised field experience; and

(D) represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.

This data element may be repeated as necessary.

Data Specifications			
Element ID	**Code Table ID**	**Required?**	**Domain of Values**
TE112		No	
Applicable Record	**Length**	**Type**	**Pattern**
Student Record AAR-Transcript	61	TEXT	*…

Common Name	XML Name	Complex Type
PERFORMANCE ACKNOWLEDGMENT COLLEGE READINESS ASSESSMENTS	CollegeAssessType	AcademicStatusType
Definition		
PERFORMANCE ACKNOWLEDGMENT: COLLEGE READINESS ASSESSMENT BILITERACY indicates the student has earned a performance acknowledgment for outstanding performance on the PSAT®, the ACT-PLAN®, the SAT®, or the ACT®.		
Special Instructions		
The student must: (1) earn a score on the PSAT/NMSQT® that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation; (2) achieve the college readiness benchmark score on at least two of the four subject tests on the ACT-PLAN® examination; (3) earn a combined critical reading and mathematics score of at least 1250 on the SAT®; or (4) earn a composite score on the ACT® examination of 28 (excluding the writing subscore). This data element may be repeated as necessary.		

Data Specifications

Element ID	Code Table ID	Required?	Domain of Values
TE113	TC038	No	

Applicable Record	Length	Type	Pattern
Student Record AAR-Transcript	1	CODED	#

Common Name	XML Name	Complex Type
PERFORMANCE ACKNOWLEDGMENT DUAL CREDIT	DualCreditType	AcademicStatusType
Definition		
PERFORMANCE ACKNOWLEDGMENT: DUAL CREDIT indicates the student has earned a performance acknowledgment for outstanding performance in a dual credit course.		
Special Instructions		

The student must have successfully completed:

(1) at least 12 hours of college academic courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0, or

(2) an associate degree while in high school.

Data Specifications			
Element ID	**Code Table ID**	**Required?**	**Domain of Values**
TE114	TC039	No	
Applicable Record	**Length**	**Type**	**Pattern**
Student Record AAR-Transcript	1	CODED	#

Section 3: Code Tables

New Code Tables

Pages 3.46 - 3.52, New Code Tables for Performance Acknowledgments.

Table ID	Name	XML Name	Simple Type & Record
TC36	PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS	ApIbCode	PerfAckApIbCode Student Record AAR-Transcript

Code	Translation
0	Student not acknowledged for AP or IB Exam
1	Acknowledgment for AP: Art History
2	Acknowledgment for AP: Biology
3	Acknowledgment for AP: Calculus AB
4	Acknowledgment for AP: Calculus BC
5	Acknowledgment for AP: Chemistry
6	Acknowledgment for AP: Chinese Language and Culture
7	Acknowledgment for AP: Comparative Government & Politics
8	Acknowledgment for AP: Computer Science A
9	Acknowledgment for AP: English Language & Composition
10	Acknowledgment for AP: English Literature & Composition
11	Acknowledgment for AP: Environmental Science
12	Acknowledgment for AP: European History
13	Acknowledgment for AP: French Language and Culture
14	Acknowledgment for AP: German Language and Culture
15	Acknowledgment for AP: Human Geography
16	Acknowledgment for AP: Italian Language and Culture
17	Acknowledgment for AP: Japanese Language and Culture
18	Acknowledgment for AP: Latin
19	Acknowledgment for AP: Macroeconomics
20	Acknowledgment for AP: Microeconomics

Table ID	Name	XML Name	Simple Type & Record
TC36	PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS	ApIbCode	PerfAckApIbCode Student Record AAR-Transcript

Code	Translation
21	Acknowledgment for AP: Music Theory
22	Acknowledgment for AP: Physics 1: Algebra-Based
23	Acknowledgment for AP: Physics 2: Algebra-Based
24	Acknowledgment for AP: Physics B
25	Acknowledgment for AP: Physics C: Electricity and Magnetism
26	Acknowledgment for AP: Physics C: Mechanics
27	Acknowledgment for AP: Psychology
28	Acknowledgment for AP: Spanish Language and Culture
29	Acknowledgment for AP: Spanish Literature and Culture
30	Acknowledgment for AP: Statistics
31	Acknowledgment for AP: Studio Art 2-D Design
32	Acknowledgment for AP: Studio Art 3-D Design
33	Acknowledgment for AP: Studio Art Drawing
34	Acknowledgment for AP: United States Government & Politics
35	Acknowledgment for AP: United States History
36	Acknowledgment for AP: World History
37	Acknowledgment for IB: Biology HL
38	Acknowledgment for IB: Biology SL
39	Acknowledgment for IB: Business & management HL
40	Acknowledgment for IB: Business & management SL
41	Acknowledgment for IB: Chemistry HL
42	Acknowledgment for IB: Chemistry SL
43	Acknowledgment for IB: Chinese A Language & Literature HL
44	Acknowledgment for IB: Chinese A Language & Literature SL
45	Acknowledgment for IB: Chinese A Literature HL

Table ID	Name	XML Name	Simple Type & Record
TC36	PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS	ApIbCode	PerfAckApIbCode Student Record AAR-Transcript

Code	Translation
46	Acknowledgment for IB: Chinese A Literature SL
47	Acknowledgment for IB: Chinese ab initio SL
48	Acknowledgment for IB: Chinese B HL
49	Acknowledgment for IB: Chinese B SL
50	Acknowledgment for IB: Classical Greek HL
51	Acknowledgment for IB: Classical Greek SL
52	Acknowledgment for IB: Computer science HL
53	Acknowledgment for IB: Computer science SL
54	Acknowledgment for IB: Design technology HL
55	Acknowledgment for IB: Design technology SL
56	Acknowledgment for IB: Economics HL
57	Acknowledgment for IB: Economics SL
58	Acknowledgment for IB: English A Language & Literature HL
59	Acknowledgment for IB: English A Language & Literature SL
60	Acknowledgment for IB: English A Literature HL
61	Acknowledgment for IB: English A Literature SL
62	Acknowledgment for IB: English ab initio SL
63	Acknowledgment for IB: English B HL
64	Acknowledgment for IB: English B SL
65	Acknowledgment for IB: Environmental systems & societies SL
66	Acknowledgment for IB: French A Language & Literature HL
67	Acknowledgment for IB: French A Language & Literature SL
68	Acknowledgment for IB: French A Literature HL
69	Acknowledgment for IB: French A Literature SL
70	Acknowledgment for IB: French ab initio SL

Table ID	Name	XML Name	Simple Type & Record
TC36	PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS	ApIbCode	PerfAckApIbCode Student Record AAR-Transcript

Code	Translation
71	Acknowledgment for IB: French B HL
72	Acknowledgment for IB: French B SL
73	Acknowledgment for IB: Further mathematics HL
74	Acknowledgment for IB: Geography HL
75	Acknowledgment for IB: Geography HL/SL
76	Acknowledgment for IB: Geography SL
77	Acknowledgment for IB: German A Language & Literature HL
78	Acknowledgment for IB: German A Language & Literature SL
79	Acknowledgment for IB: German A Literature HL
80	Acknowledgment for IB: German A Literature SL
81	Acknowledgment for IB: German ab initio
82	Acknowledgment for IB: German ab initio SL
83	Acknowledgment for IB: German B HL
84	Acknowledgment for IB: German B SL
85	Acknowledgment for IB: Global politics HL
86	Acknowledgment for IB: Global politics HL/SL
87	Acknowledgment for IB: Global politics SL
88	Acknowledgment for IB: History HL
89	Acknowledgment for IB: History HL/SL
90	Acknowledgment for IB: Information Technology in a Global Society (ITGS) HL
91	Acknowledgment for IB: Information Technology in a Global Society (ITGS) HL/SL
92	Acknowledgment for IB: Information Technology in a Global Society (ITGS) SL
93	Acknowledgment for IB: Language A Language & Literature HL
94	Acknowledgment for IB: Language A Language & Literature SL
95	Acknowledgment for IB: Language A Literature HL

Table ID	Name	XML Name	Simple Type & Record
TC36	PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS	ApIbCode	PerfAckApIbCode Student Record AAR-Transcript

Code	Translation
96	Acknowledgment for IB: Language A Literature SL
97	Acknowledgment for IB: Language ab initio SL
98	Acknowledgment for IB: Language B HL
99	Acknowledgment for IB: Language B SL
100	Acknowledgment for IB: Latin HL
101	Acknowledgment for IB: Latin SL
102	Acknowledgment for IB: Literature & performance SL
103	Acknowledgment for IB: Mathematical studies SL
104	Acknowledgment for IB: Mathematics HL
105	Acknowledgment for IB: Mathematics SL
106	Acknowledgment for IB: Music HL
107	Acknowledgment for IB: Music SL
108	Acknowledgment for IB: Philosophy HL
109	Acknowledgment for IB: Philosophy HL/SL
110	Acknowledgment for IB: Philosophy SL
111	Acknowledgment for IB: Physics HL
112	Acknowledgment for IB: Physics SL
113	Acknowledgment for IB: Psychology HL
114	Acknowledgment for IB: Psychology HL/SL
115	Acknowledgment for IB: Psychology SL
116	Acknowledgment for IB: School-based syllabus SL
117	Acknowledgment for IB: Social & cultural anthropology HL
118	Acknowledgment for IB: Social & cultural anthropology SL
119	Acknowledgment for IB: Spanish A Language & Literature HL
120	Acknowledgment for IB: Spanish A Language & Literature SL

Table ID	Name	XML Name	Simple Type & Record
TC36	PERFORMANCE ACKNOWLEDGMENT AP IB EXAMS	ApIbCode	PerfAckApIbCode Student Record AAR-Transcript

Code	Translation
121	Acknowledgment for IB: Spanish A Literature HL
122	Acknowledgment for IB: Spanish A Literature SL
123	Acknowledgment for IB: Spanish ab initio SL
124	Acknowledgment for IB: Spanish B HL
125	Acknowledgment for IB: Spanish B SL
126	Acknowledgment for IB: Sports, exercise & health science SL
127	Acknowledgment for IB: World religions SL

Table ID	Name	XML Name	Simple Type & Record
TC37	PERFORMANCE ACKNOWLEDGMENT BILINGUALISM BILITERACY	BilingBilitCode	PerfAckBilingBilitCode Student Record AAR-Transcript

Code	Translation
0	Not Acknowledged for Bilingualism / biliteracy
1	Acknowledgment for Bilingualism / biliteracy

Table ID	Name	XML Name	Simple Type & Record
TC38	PERFORMANCE ACKNOWLEDGMENT COLLEGE READINESS ASSESSMENTS	CollegeAssessCode	PerfAckCollegeAssessCode Student Record AAR-Transcript

Code	Translation
0	Student not acknowledged for Assessment
1	Acknowledgment for PLAN: College readiness benchmark met on 2 or more of the 4 subject tests
2	Acknowledgment for PSAT: Commended scholar or higher
3	Acknowledgment for ACT: Composite score 28 or higher
4	Acknowledgment for SAT: Combined critical reading and mathematics score 1250 or higher

Table ID	Name	XML Name	Simple Type & Record
TC39	PERFORMANCE ACKNOWLEDGMENT DUAL CREDIT	DualCreditCode	PerfAckDualCreditCode Student Record AAR-Transcript

Code	Translation
0	Student not acknowledged for Dual Credit
1	Acknowledgment for Associates degree
2	Acknowledgment for College credit hours

Changes to existing code tables

Page 3.55,   New Code Values added to STAAR-Performance-Level

Table ID	Name	XML Name	Simple Type & Applicable Record
TC31	STAAR-PERFORMANCE-LEVEL	PerformanceLevel	PerfLevelType Student Record AAR-Transcript

Code	Translation
0	NA - Not Applicable
1	I - Unsatisfactory Academic Performance, Level I
2	II - Satisfactory Academic Performance, Level II
3	III - Accomplished or Advanced Academic Performance, Level III
4	M - Met Transition Rule Standard
5	SI - Substitute Assessment, Level I
6	SII - Substitute Assessment, Level II

Section 4: XML Standards

TREx XSD Data Types and Restrictions
New XML elements

Page 4.20 Added new data elements

Element Name	XML Name	Data Type	Restriction
Performance Acknowledgment AP IB Exams	ApIbType	String	• The only acceptable values are listed in Code Table TC36 • Maximum length of three characters. • Optional element.
Performance Acknowledgment Bilingualism/ Biliteracy	BilingBilitType	String	• The only acceptable values are listed in Code Table TC37 • Maximum length of one character. • Optional element.
Performance Acknowledgment Certification Licensures	CertLicType	String	• Text field. • Maximum length 61 characters. • Optional element.
Performance Acknowledgment College Readiness Assessments	CollegeAssessType	String	• The only acceptable values are listed in Code Table TC38 • Maximum length of one character. • Optional element.
Performance Acknowledgment Dual Credit	DualCreditType	String	• The only acceptable values are listed in Code Table TC39 • Maximum length of one character. • Optional element.

Changes to existing XML elements

Page 4.29 Added new data elements to Complex Type

TREx Complex Types

Complex Type Name	Sequence
AcademicStatusType	GraduationDate
	GraduationDiplomaType
	CertificateDate
	TexasGrantType
	DistinguishedAchievements
	FHSPParticipantCode
	FHSPDistingIndicatorCode
	STEMEndorsementCode
	BusinessEndorsementCode
	PublicServicesEndorsementCode
	ArtsEndorsementCode
	MultiStudiesEndorsementCode
	DualCreditType
	BilingBilitType
	CollegeAssesType
	ApIbType
	CertLicType

Page 4.34 Added new data elements to TREx XML Schema list

TREx Simple Types

Common Name	Simple Name
Performance Acknowledgment AP IB	PerfAckApIbCode
Performance Acknowledgment Bilingualism/Biliteracy	PerfAckBilingBilitCode
Performance Acknowledgment Certification Licensures	PerfAckCollegeAssessCode
Performance Acknowledgment Dual Credit	PerfAckDualCreditCode

Page 4.36 Added new data elements to TREx Enumerated Values

TREx Enumerated Values

Code Table Common Name	Element XML Short Name	Location
Performance Acknowledgment AP IB	PerfAckApIbCode	Student Record; Transcript
Performance Acknowledgment Bilingualism/Biliteracy	PerfAckBilingBilitCode	Student Record; Transcript
Performance Acknowledgment College Readiness Assessment	PerfAckCollegeAssessCode	Student Record; Transcript
Performance Acknowledgment Dual Credit	PerfAckDualCreditCode	Student Record; Transcript

Page 4.39 Added new data elements to TREx Hierarchy of XML Elements

Hierarchy of XML Elements

```
AcademicStatus (0 or 1)
        GraduationDate (0 or 1)
        GraduationDiplomaType (0 or 1)
        CertificateDate (0 or 1)
        TexasGrant (0 or 1)
        DistinguishedAchievements (0 or 1)
        AdvancedMeasure (0…12)
        FHSPParticipantCode (0 or 1)
        FHSPDistingIndicatorCode (0 or 1)
        ArtsEndorsementCode (0 or 1)
        BusinessEndorsementCode (0 or 1)
        MultiStudiesEndorsementCode (0 or 1)
        PublicServicesEndorsementCode (0 or 1)
        STEMEndorsementCode (0 or 1)
        DualCreditType (0… n)
        BilingBilitType (0… n)
        CollegeAssesType (0… n)
        ApIbType (0… n)
        CertLicType (0… n)
```

Appendix A: Data Element Lists

New Data Elements

Page A.8 Added new Performance Acknowledgment Data Elements to the Student Record section.

Student Record

Performance Acknowledgment AP IB	ApIbType		No	✓ Required by TEC if applicable	2.55
Performance Acknowledgment Bilingualism/Biliteracy	BilingBilitType		No	✓ Required by TEC if applicable	2.56
Performance Acknowledgment Certification Licensures	CertLicType		No	✓ Required by TEC if applicable	2.57
Performance Acknowledgment College Readiness Assessment	CollegeAssessType		No	✓ Required by TEC if applicable	2.58
Performance Acknowledgment Dual Credit	DualCreditType		No	✓ Required by TEC if applicable	2.59

Page A.12 Added new Performance Acknowledgment Data Elements to the High School Transcript section.

High School Transcript

Performance Acknowledgment AP IB	ApIbType	No	✓ Required by TEC if applicable	2.55
Performance Acknowledgment Bilingualism/Biliteracy	BilingBilitType	No	✓ Required by TEC if applicable	2.56
Performance Acknowledgment Certification Licensures	CertLicType	No	✓ Required by TEC if applicable	2.57
Performance Acknowledgment College Readiness Assessment	CollegeAssessType	No	✓ Required by TEC if applicable	2.58
Performance Acknowledgment Dual Credit	DualCreditType	No	✓ Required by TEC if applicable	2.59

Page A.16 Added new Performance Acknowledgment Data Elements to the High School Transcript with Seal section.

High School Transcript with Seal

Performance Acknowledgment AP IB	ApIbType	No	✓ Required by TEC if applicable	2.55
Performance Acknowledgment Bilingualism/Biliteracy	BilingBilitType	No	✓ Required by TEC if applicable	2.56
Performance Acknowledgment Certification Licensures	CertLicType	No	✓ Required by TEC if applicable	2.57
Performance Acknowledgment College Readiness Assessment	CollegeAssessType	No	✓ Required by TEC if applicable	2.58
Performance Acknowledgment Dual Credit	DualCreditType	No	✓ Required by TEC if applicable	2.59

Page A.21 Added new Performance Acknowledgment Data Elements to the Alphabetic Order section.

Element List in Alphabetic Order

Performance Acknowledgment AP IB	ApIbType	✓ Required by TEC if applicable	2.55
Performance Acknowledgment Bilingualism/Biliteracy	BilingBilitType	✓ Required by TEC if applicable	2.56
Performance Acknowledgment Certification Licensures	CertLicType	✓ Required by TEC if applicable	2.57
Performance Acknowledgment College Readiness Assessment	CollegeAssessType	✓ Required by TEC if applicable	2.58
Performance Acknowledgment Dual Credit	DualCreditType	✓ Required by TEC if applicable	2.59

Appendix B: XSD file
New XSD file supporting changes to above data elements and code tables.

Appendix C: XML Graphic
New data elements. added to Graphic file.