

VERSION 1

**Implementation Guide
for the
Sending of TOEFL Testing Results
Using
Transaction Set 138**

**Segment Layout and Detail for Segments and Data Elements Used When Sending TOEFL
Testing Results from ETS to Educational Institutions**

Appendix A: List of Countries and Their Codes

Appendix B: List of Languages and Their Codes

Appendix C: List of Subtests and Their Codes

Appendix D: Sample TOEFL Score Report Using TS 138 Format

Appendix E: TOEFL Tape Layout Mapped to TS 138 Format

**Prepared for the Educational Testing Service by the
Postsecondary Electronic Standards Council**

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138 Educational Testing Results Request and Report

Functional Group = TT

Purpose:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Testing Results Request and Report Transaction Set (138) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request and receive the results of testing programs by educational institutions and employers. This information includes one test-taker's identification, test identification, testing conditions, scoring results, and test normalization analysis including national, regional, and local norms.

Although TS 138 can accommodate the request for and transmission of various testing results—ACT, SAT, GRE, and GMAT, for example—this particular implementation guide can be used for sending TOEFL testing results only. The Segment Summary contains all the segments in the X12 transaction set, but only those segments marked with “*” are used in reporting TOEFL test results. The subset of segment and data element details contained in this implementation guide accommodate all requirements to report TOEFL testing results.

Segment Summary:

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	*ST	Transaction Set Header	M	1		
020	*BGN	Beginning Segment	M	1		
030	*ERP	Educational Record Purpose	M	1		
040	*REF	Reference Identification	M	1		N
LOOP ID - N1					2	
050	*N1	Name	M	1		N
060	N3	Address Information	O	1		
070	N4	Geographic Location	O	1		
080	*PER	Administrative Communications Contact	O	1		

Details:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - IN1					10	
010	*IN1	Individual Identification of the Test-Taker	M	1		N
020	*IN2	Individual Name Structure Components	M	10		
030	REF	Reference Identification	O	5		
040	*DMG	Demographic Information	O	1		
050	IND	Additional Individual Demographic Information	O	1		
060	*LUI	Language Use	O	5		
070	*N3	Address Information	O	1		
080	*N4	Geographic Location	O	1		
090	COM	Communication Contact Information	O	5		

100	*RQS	Request for Information	O	>1	N
110	SCA	Statistical Category Analysis	O	>1	N
LOOP ID - EMS					10
120	EMS	Employment Position	O	1	N
130	N1	Name	O	1	
140	DTP	Date or Time or Period	O	1	
LOOP ID - TST					>1
150	*TST	Test Score Record	M	1	N
LOOP ID - SBT					>1
160	*SBT	Subtest	O	1	
170	*SRE	Test Scores	O	5	
180	MSG	Essay text	O	>1	N
LOOP ID - RAP					>1
190	RAP	Requirement, Attribute, and Proficiency	O	1	N
200	EMS	Employment Position	O	1	N
LOOP ID - SCA					>1
210	SCA	Statistical Category Analysis	O	1	N
220	FOS	Field of Study	O	1	N
LOOP ID - N1					1
230	*N1	Testing Location	O	1	N
240	N3	Address Information	O	1	
250	N4	Geographic Location	O	1	
260	PER	Administrative Communications Contact	O	1	
LOOP ID - DEG					5
270	DEG	Degree Goal	O	1	N
280	FOS	Field of Study	O	5	
LOOP ID - SST					10
290	SST	High School Status	O	1	N
300	SSE	Entry and Exit Information	O	1	
310	SUM	Academic Summary	O	1	
320	FOS	Field of Study	O	>1	N
LOOP ID - N1					1
330	N1	Name of High School	O	1	N
340	N3	Address Information	O	1	
350	N4	Geographic Location	O	1	
LOOP ID - PCL					25
360	PCL	Previous College	O	1	N
370	N3	Address Information	O	1	
380	N4	Geographic Location	O	1	
390	SSE	Entry and Exit Information	O	1	
400	FOS	Field of Study	O	>1	N
LOOP ID - DEG					10
410	DEG	Degree Record	O	1	N

420	SUM	Academic Summary	O	1	
430	FOS	Field of Study	O	30	
LOOP ID - ATV					>1
440	ATV	Test-Taker Activities	O	1	N
450	EMS	Employment Position	O	1	
460	DTP	Date or Time or Period	O	1	N
470	*SE	Transaction Set Trailer	M	1	

Notes:

- 1/040 The REF segment indicates the test-taker's identification number.
- 1/050 The N1 loop provides information about the sender and the intended receiver.
- 2/010 The IN1 loop provides information about the test-taker and related individuals who may have requested the testing or, if the test-taker is a minor, have approved the administration of the test.
- 2/100 The RQS segments contain responses to questions about such topics as family income, college preferences, and other supplemental information. The RQS segment identifies the question and the test-taker's response.
- 2/110 The SCA segment describes demographic norms for the test-taker or other related individuals.
- 2/120 The EMS loop provides employment information about the test-taker and related individuals.
- 2/150 The TST, DEG, SST, PCL and ATV loops provide information about the test-taker identified in the IN1 loop. The TST loop describes the test results being reported or requested.
- 2/180 The MSG segment contains the text of the essay component of a test.
- 2/190 The RAP segment identifies a specific proficiency, licensing requirement, etc. which the test or test component meets.
- 2/200 The EMS describes a position the requirements for which the test or test component meets.
- 2/210 The SCA loop provides statistical analysis and norms for the test or test components.
- 2/220 The FOS segment together with the SCA segment describe the predicted degree of success the test-taker might expect upon entering specific academic programs.
- 2/230 The N1 loop describes the testing center or the place where the test or test component was administered.
- 2/270 The DEG loop describes the test-taker's academic degree goals and field of study interests.
- 2/290 The SST loop provides information about the high schools the student has or is attending, along with self-reported course work, credit hours, GPA, etc.
- 2/320 The FOS segments provide information about high school course work or subjects the test-taker has taken.
- 2/330 The N1 segment identifies the high school.
- 2/360 The PCL loop provides information about the test-taker's current or previous experiences at post-secondary institutions.
- 2/400 The FOS segment provides information about the course work or subjects that the test-taker has taken at post-secondary institutions.
- 2/410 The DEG loop provides information about degrees, majors, minors, and fields of study which the test-taker has completed or pursued at post-secondary institutions.
- 2/440 The ATV loop describes the test-taker's activities, awards and accomplishments.
- 2/460 The DTP segment contains the date or range of dates that the test-taker participated in an activity.

ST

Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 2

Purpose:

To indicate the start of the transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Used
		<u>Code</u> <u>Description</u> 138 Educational Testing Results Request and Report				
02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the sender of the transaction set in the GS segment. This value must match that in data element SE02. It will also be returned in TS 997, the acknowledgment.	M	AN	4/9	Used

BGN Beginning Segment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 5

Purpose:

To indicate the beginning of the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	353	Transaction Set Purpose Code Description: Code identifying purpose of the transaction set	M	ID	2/2	Used
		<u>Code</u> <u>Description</u>				
		00 Original transmission of testing results report				
		05 Replacement of previous testing results report				
		07 Duplicate testing results report				
		15 Re-submission of testing results report				
		ZZ Mutually Defined				
02	127	Reference Identification Description: This is a reference number assigned by the sender. Its purpose is to facilitate machine identification and processing of testing results.	M	AN	1/30	Used
03	373	Date Description: Date the transaction set was originated by the sender. It is expressed as CCYYMMDD.	M	DT	8/8	Used
04	337	Time Description: Indicates the time the transaction was originated by the sender. Time is expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C	TM	4/8	Used
05	623	Time Code Description: Code indicating the time zone or type of time in BGN04. If this data element is used, then BGN04 must be used.	O	ID	2/2	Used
		<u>Code</u> <u>Description</u>				
		AD Alaska Daylight Time				
		AS Alaska Standard Time				
		AT Alaska Time				
		CD Central Daylight Time				
		CS Central Standard Time				
		CT Central Time				
		ED Eastern Daylight Time				
		ES Eastern Standard Time				
		GM Greenwich Mean Time				
		HD Hawaii-Aleutian Daylight Time				
		HS Hawaii-Aleutian Standard Time				
		HT Hawaii-Aleutian Time				
		MD Mountain Daylight Time				
		MS Mountain Standard Time				
		ND Newfoundland Daylight Time				
		NS Newfoundland Standard Time				
		PD Pacific Daylight Time				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	PS	Pacific Standard Time				
	TD	Atlantic Daylight Time				
	TS	Atlantic Standard Time				

ERP

Educational Record Purpose

Pos: 030	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 1

Purpose:

To indicate the type of educational information being sent

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	640	Transaction Type Code	M	ID	2/2	Used
		Description: Code specifying the type of data being sent				
		<u>Code</u>		<u>Description</u>		
		TT		Testing Service Report		

REF Reference Identification

Pos: 040	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 2

Purpose:

To identify the test-taker by code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	128	Reference Identification Qualifier Description: Code qualifying the test-taker's identification number. Indicate Social Security Number when available. When it is not available, use the test registration number or a number mutually agreed upon by the trading partners. <u>Code</u> <u>Description</u> 2I Registration Number SY Social Security Number ZZ Mutually Defined	M	ID	2/3	Used
02	127	Test-Taker Identification Description: This number identifies the test-taker.	M	AN	1/30	Used

N1

Name

Pos: 050	Max: 1
Heading - Mandatory	
Loop: N1	Elms: 4

Purpose:

To identify the sender and receiver by name and, if possible, by code. One N1 loop identifies the sending testing service; the other iteration identifies the receiving institution.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	98	Entity Identifier Code Description: Code describing the sender or receiver of the transaction set <u>Code</u> <u>Description</u> AT Postsecondary Education Recipient UE Testing Service Sender	M	ID	2/3	Used
02	93	Name of testing service or postsecondary institution Description: This free-form name must be used when a code identifier in N104 does not exist. The format for this data element when referring to a testing service is [Name of Test]-[Abbreviated Testing Service Name]. For example: ACT-ACT TOEFL-ETS GMAT-ETS LSAT-LSAC	C	AN	1/60	Used
03	66	Identification Code Qualifier Description: Code designating the code set used in N104. This data element is used if possible and is required if the sender or receiver in the N1 loop is identified by code in N104. <u>Code</u> <u>Description</u> 71 Integrated Postsecondary Education Data System (IPEDS) set of codes maintained by the U.S. Department of Education's National Center of Education Statistics 72 The College Board's Admission Testing Program (ATP) 73 Federal Interagency Commission on Education (FICE) number. 74 American College Testing (ACT) list of postsecondary educational institutions. 77 National Center for Education Statistics (NCES) Common Core of Data (CCD) number for PreK - 12 institutions 78 The College Board and ACT 6 digit code list of secondary educational institutions CB Statistics Canada Canadian College Student Information System Institution Codes CS Statistics Canada University Student Information System University Codes	C	ID	1/2	Used
04	67	Identification Code Description: Code uniquely identifying the sender or receiver. This data element is required if N103 is used.	C	AN	2/20	Used

PER

Administrative Communications Contact

Pos: 080	Max: 1
Heading - Optional	
Loop: N1	Elms: 6

Purpose:

To identify a person or office to whom administrative communications should be directed. This segment is recommended for use in the sender loop and may also be used in the receiver loop.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named. Use code SM when referring to the testing service. <u>Code</u> <u>Description</u> GC Guidance Counselor GR Graduate Admissions Office SM Submitting Contact UG Undergraduate Admissions Office	M	ID	2/2	Used
02	93	Name Description: Free-form name of contact.	O	AN	1/60	Used
03	365	Communication Number Qualifier Description: Code identifying that the communication number is a telephone number. Used only when PER04 is used. <u>Code</u> <u>Description</u> TE Telephone	C	ID	2/2	Rec
04	364	Communication Number Description: Complete telephone number including country and area code as appropriate. Used only when PER03 is used.	C	AN	1/80	Rec
05	365	Communication Number Qualifier Description: Code identifying the communication number is an Internet e-mail address. Used only when PER06 is used. <u>Code</u> <u>Description</u> EM Electronic Mail	C	ID	2/2	Rec
06	364	Communication Number Description: Complete Internet e-mail address. Used only when PER05 is used.	C	AN	1/80	Rec

IN1

Individual Identification of the Test-Taker

Pos: 010	Max: 1
Detail - Mandatory	
Loop: IN1	Elms: 3

Purpose:

To provide identification of the test-taker. If the sender wishes to give several names for the test-taker (i.e., a current legal name and a previous name), the IN1 loop may be repeated using IN1 and IN2 only in the repeated loop. Each iteration of the IN1 loop, however, must relate to the student only for this implementation of the sending of educational testing results.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	1065	Entity Type Qualifier	M	ID	1/1	Used
		Description: Code to indicate if the entity is a person or non-person.				
		<u>Code</u>		<u>Description</u>		
		1		Person		
02	1107	Name Type Code	M	ID	2/2	Used
		Description: Code identifying the type of name to be reported in IN2. Code 04 is preferred when a testing result is reported for the first time.				
		<u>Code</u>		<u>Description</u>		
		01		Given Name (Name at Birth)		
		02		Current Legal		
		03		Alias		
		04		Name of Record		
		05		Previous Name		
		21		Corrected Name		
03	98	Entity Identifier Code	O	ID	2/3	Used
		Description: Code indicating that this transaction is reporting testing results for the test-taker.				
		<u>Code</u>		<u>Description</u>		
		S2		Test-taker		

IN2

Individual Name Structure Components

Pos: 020	Max: 10
Detail - Mandatory	
Loop: IN1	Elms: 2

Purpose:

To identify the test-taker by name and to sequence individual name components for maximum specificity. When possible, send last name, first name, and first middle initial. If it is unknown which is the last name, send the composite name.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
01	1104	Name Component Qualifier Description: Code identifying the type of name components. <table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>02</td><td>First Name</td></tr><tr><td>05</td><td>Last Name</td></tr><tr><td>07</td><td>First Middle Initial</td></tr><tr><td>16</td><td>Composite name (used if the name cannot be broken into separate parts)</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	02	First Name	05	Last Name	07	First Middle Initial	16	Composite name (used if the name cannot be broken into separate parts)	M	ID	2/2	Used
<u>Code</u>	<u>Description</u>															
02	First Name															
05	Last Name															
07	First Middle Initial															
16	Composite name (used if the name cannot be broken into separate parts)															
02	93	Name Description: Name component of the test-taker.	M	AN	1/60	Used										

DMG Demographic Information

Pos: 040	Max: 1
Detail - Optional	
Loop: IN1	Elms: 5

Purpose:

To supply demographic information about the test-taker.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	1250	Date Time Period Format Qualifier Description: Code indicating that the date format for the birthdate to follow is in CCYYMMDD format. This data element is used only when DMG02 is used. <u>Code</u> <u>Description</u> D8 Date Expressed in Format CCYYMMDD	C	ID	2/3	Used
02	1251	Birthdate Description: Expression of the test-taker's birthdate in format described in DMG01. This data element is used only when DMG01 is used.	C	AN	1/35	Used
03	1068	Gender Code Description: Code indicating the sex of the test-taker. <u>Code</u> <u>Description</u> A Not Provided F Female M Male	O	ID	1/1	Used
06	1066	Citizenship Status Code Description: Code indicating citizenship status <u>Code</u> <u>Description</u> 1 U.S. Citizen 3 U.S. Resident Alien 8 Citizen B U.S. Permanent Visa	O	ID	1/2	Used
07	26	Country of Citizenship Code Description: Code identifying the country of citizenship if code 8 Citizen is used in DMG06. For use in reporting TOEFL scores. The list of country codes are found in Appendix A.	O	ID	2/3	Used

LUI Language Use

Pos: 060	Max: 5
Detail - Optional	
Loop: IN1	Elms: 4

Purpose:

To specify language, type of usage, and proficiency or fluency

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	66	Identification Code Qualifier Description: Code designating the code set used to identify languages. Whenever possible, use this data element and LUI02 to identify the language. If this is not possible, use only LUI03 to identify the language. <u>Code</u> <u>Description</u> LD NISO Z39.53 Language Codes LE ISO 639 Language Codes	C	ID	1/2	Used
02	67	Identification Code Description: Code that identifies the language. Use code from the code set indicated in LUI01. The code lists can be found in Appendix B.	C	AN	2/20	Used
03	352	Description Description: Literal name of the language when needed for clarity or when the language is not include in the code lists identified in LUI01. This data element is to be used only when LUI01 and LUI02 cannot be used.	C	AN	1/80	Used
04	1303	Use of Language Indicator Description: Code indicating that the language identified is the test-taker's native language. <u>Code</u> <u>Description</u> 8 Native Language	O	ID	1/2	Used

N3

Address Information

Pos: 070	Max: 1
Detail - Optional	
Loop: IN1	Elms: 2

Purpose:

To specify the street mailing address of the test-taker

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	166	Address Information Description: Free-form street address information for test-taker	M	AN	1/55	Used
02	166	Address Information Description: Continuation of free-form street address information for test-taker, if needed	O	AN	1/55	Used

N4

Geographic Location

Pos: 080	Max: 1
Detail - Optional	
Loop: IN1	Elms: 4

Purpose:

To specify the city, state or province, postal code, and country in the mailing address of the test-taker

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	19	City Name Description: Free-form text for city name. Include the international postal zone code if address outside the U.S.	O	AN	2/30	Used
02	156	State or Province Code Description: Standard state/province code as defined the US Postal System. Use this data element only with a U.S. or Canadian address.	O	ID	2/2	Used
03	116	Postal Code Description: Code defining the zip code excluding punctuation and blanks. Use this data element only with a U.S. address.	O	ID	3/15	Used
04	26	Country Code Description: Code identifying the country. This data element is used only if the country is other than the US. The list of country codes can be found in Appendix A.	O	ID	2/3	Used

RQS Request for Information

Pos: 100	Max: >1
Detail - Optional	
Loop: IN1	Elms: 5

Purpose:

To identify demographic and other questions asked of the test-taker and to indicate the test-taker replies

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	1270	Code List Qualifier Code Description: Code identifying the list of questions asked of the test-taker <u>Code</u> <u>Description</u> RQ Testing Service Question Code List	C	ID	1/3	Used
02	1271	Industry Code Description: Code identifying a question asked of the test-taker. The expected form of the response--free-form or yes/no--is indicated in the code description. These industry codes are divided in D codes (for demographic questions); E codes (for enrollment questions); and T codes (for questions about the test). <u>Code</u> <u>Description</u> E003 Plan to earn degree Free-form response in RQS05 is expected 1=yes; 2=no; 3=no answer. T001 Reason for taking test Free-form response in RQS05 is expected. T002 Number of times test taken before Free-form response in RQS05 is expected. The choices are: 1=One; 2=Two; 3=Three; 4=Four or more; 0=None if not answered	C	AN	1/30	Used
03	352	Free-form statement of a question—Not Used by TOEFL Description: A free-form statement of a question asked of a test-taker. This data element is used only if the question is not included in the industry code list referred to in RQS01 and RQS02.	C	AN	1/80	Not Used
04	1073	Yes/No Condition or Response Code—Not Used by TOEFL Description: Code indicating a Yes or No condition or response to the question in RQS02 or RQS03 All valid X12 codes are used. <u>Code</u> <u>Description</u> N No U Unknown W Not Applicable Y Yes	O	ID	1/1	Not Used
05	352	Description Description: A free-form response to the question in RQS02 or RQS03 if a Yes/No response is not appropriate. This free-form response may be text supplied by the test-taker or a coded response such as 1=fulltime 2=parttime. See question descriptions for each code in RQS02 for expected responses.	O	AN	1/80	Used

TST

Test Score Record

Pos: 150	Max: 1
Detail - Mandatory	
Loop: TST	Elms: 4

Purpose:

To provide information about the test for which results are being reported

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>																												
01	1155	Educational Test Code Description: Indicates the specific test for which results are being reported. Code 809 is used for the TOEFL. The full list of possible tests follows: <table border="1"><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>801</td><td>American College Testing Program (ACT)</td></tr><tr><td>802</td><td>Preliminary American College Testing (PACT)</td></tr><tr><td>803</td><td>The College Board's Scholastic Aptitude Test (SAT I)</td></tr><tr><td>805</td><td>The College Board's Achievement Tests (SAT II)</td></tr><tr><td>809</td><td>Test of English as a Foreign Language (TOEFL)</td></tr><tr><td>811</td><td>Graduate Management Admissions Test (GMAT)</td></tr><tr><td>812</td><td>Law School Admissions Test (LSAT)</td></tr><tr><td>813</td><td>Miller Analogies Test</td></tr><tr><td>814</td><td>Medical Colleges Aptitude Test (MCAT)</td></tr><tr><td>821</td><td>Graduate Record Examination (GRE) General Test</td></tr><tr><td>822</td><td>Graduate Record Examination (GRE) Subject Tests</td></tr><tr><td>829</td><td>Test of Written English (TWE)</td></tr><tr><td>831</td><td>The College Board's Advanced Placement Program (AP)</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	801	American College Testing Program (ACT)	802	Preliminary American College Testing (PACT)	803	The College Board's Scholastic Aptitude Test (SAT I)	805	The College Board's Achievement Tests (SAT II)	809	Test of English as a Foreign Language (TOEFL)	811	Graduate Management Admissions Test (GMAT)	812	Law School Admissions Test (LSAT)	813	Miller Analogies Test	814	Medical Colleges Aptitude Test (MCAT)	821	Graduate Record Examination (GRE) General Test	822	Graduate Record Examination (GRE) Subject Tests	829	Test of Written English (TWE)	831	The College Board's Advanced Placement Program (AP)	M	ID	1/3	Used
<u>Code</u>	<u>Description</u>																																	
801	American College Testing Program (ACT)																																	
802	Preliminary American College Testing (PACT)																																	
803	The College Board's Scholastic Aptitude Test (SAT I)																																	
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829	Test of Written English (TWE)																																	
831	The College Board's Advanced Placement Program (AP)																																	
02	93	Name of Test—Not Used for TOEFL	O	AN	1/35	Not Used																												
03	1250	Date Time Period Format Qualifier Description: Code indicating the format for the date the test was administered. This data element is used only if TST04 is used. Code CM Year and Month expressed in Format CCYYMM is used for TOEFL. <table border="1"><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>CM</td><td>Date in Format CCYYMM</td></tr><tr><td>CY</td><td>Year Expressed in Format CCYY</td></tr><tr><td>D6</td><td>Date Expressed in Format YYMMDD</td></tr><tr><td>D8</td><td>Date Expressed in Format CCYYMMDD</td></tr><tr><td>YM</td><td>Year and Month Expressed in Format YYMM</td></tr><tr><td>YY</td><td>Last Two Digits of Year Expressed in Format CCYY</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	CM	Date in Format CCYYMM	CY	Year Expressed in Format CCYY	D6	Date Expressed in Format YYMMDD	D8	Date Expressed in Format CCYYMMDD	YM	Year and Month Expressed in Format YYMM	YY	Last Two Digits of Year Expressed in Format CCYY	C	ID	2/3	Used														
<u>Code</u>	<u>Description</u>																																	
CM	Date in Format CCYYMM																																	
CY	Year Expressed in Format CCYY																																	
D6	Date Expressed in Format YYMMDD																																	
D8	Date Expressed in Format CCYYMMDD																																	
YM	Year and Month Expressed in Format YYMM																																	
YY	Last Two Digits of Year Expressed in Format CCYY																																	
04	1251	Date Time Period Description: Expression of the date the test was administered. This data element is used only if TST03 is used.	C	AN	1/35	Used																												
05	127	Form, Version, or Edition of Test Description: Indicates the form, version, or edition of the test. For the TOEFL this is the Interpretative Information Year. An example would be "1997 Ed".	O	AN	1/30	Used																												

SBT Subtest

Pos: 160	Max: 1
Detail - Optional	
Loop: SBT	Elms: 2

Purpose:

To provide information about each subtest

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	1158	Subtest Code Description: Code indicating a subtest associated with a particular test. The first three digits correspond to the testcode which appeared in TST01. For this data element, use the 5-digit code appearing after the hyphen to indicate the subtest. The full list of subtests for the tests identified as possibilities in TST01 appear in Appendix C. <u>Code</u> <u>Description</u> 809-00001 Listening Comprehension 809-00002 Structure and Written Expression 809-00003 Reading Comprehension/Vocabulary 809-00004 Total	M	ID	5/10	Used
03	1159	Test Score Interpretation Code—Not Used by TOEFL Description: Code indicating unusual testing conditions that must be known to interpret properly a person's academic test score <u>Code</u> <u>Description</u> 1 Special Circumstances (Something unusual occurred during testing that may have affected how the student performed) 2 Nonstandard Administration Procedure (Braille, Signing, Extended Time, etc.)	O	ID	1/1	Not Used

SRE Test Scores

Pos: 170	Max: 5
Detail - Optional	
Loop: SBT	Elms: 2

Purpose:

To provide scores on tests that a student has taken

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	1160	Subtest Score Qualifier Code Description: Code indicating the manner in which the actual academic test score result is reported. TOEFL scores are reported as 1 Scaled Scores. The full range of choices for all tests follows: <u>Code</u> <u>Description</u> 1 Scaled Score 3 Standard Score 4 Raw Score 8 Stanine 9 Percentile	M	ID	1/1	Used
02	352	Subtest Score Description: The subtest score	M	AN	1/80	Used

N1

Testing Location

Pos: 230	Max: 1
Detail - Optional	
Loop: N1	Elms: 2

Purpose:

To identify the testing center or the place where the test or test component was administered

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	98	Entity Identifier Code Description: Code indicating that this is the testing location. <u>Code</u> <u>Description</u> ZZ Mutually Defined as Testing Location	M	ID	2/3	Used
02	93	Testing Center or Location Number Description: A free-form code used to describe the testing center or location number as described by the testing service.	O	AN	1/60	Used

SE

Transaction Set Trailer

Pos: 470	Max: 1
Detail - Mandatory	
Loop: N/A	Elms: 2

Purpose:

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning ST and ending SE segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	96	Number of Included Segments Description: Total number of segments included in the transaction set including ST and SE segments	M	N0	1/10	Used
02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group (in the GS segment) assigned by the originator of the transaction set. This value must match that in data element ST02.	M	AN	4/9	Used

Appendix A

List of Countries and Their Codes

<u>Code</u>	<u>Description</u>
AD	Andorra
AE	United Arab Emvirates
AF	Afghanistan
AG	Antigua & Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AZ	Azerbaijan
BA	Bosnia & Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia
BR	Brazil
BS	Bahamas
BT	Bhutan
BU	Burma
BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Cote d'Ivoire (Ivory Coast)
CK	Cool Islands
CL	Chile
CM	Cameroon

CN	China
CO	Colombia
CR	Costa Rica
*CS	Czechoslovakia
CU	Cuba
CV	Cape Verde
CX	Christmas Island
CY	Cyprus
CZ	Czech Republic
DD	German Democratic Republic
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
ER	Eritrea
ES	Spain
ET	Ethiopia
FI	Finland
FJ	Fiji
FK	Falkland Islands (Malvinas)
FM	Micronesia
FO	Faroe Islands
FR	France
FX	France, Metropolitan
GA	Gabon
GB	United Kingdom (Great Britain)
GD	Grenada
GE	Georgia
GF	French Guiana
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadeloupe
GQ	Equatorial Guinea
GR	Greece
GS	South Georgia and the South Sandwich Islands
GT	Guatemala
GU	Guam
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HM	Heard Island & McDonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland

IL	Israel
IN	India
IO	British Indian Ocean Territory
IQ	Iraq
IR	Islamic Republic of Iran
IS	Iceland
IT	Italy
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia
KI	Kiribati
KM	Cormoros
KN	St. Kitts and Nevis
KP	Korea, Democratic People's Republic of
KR	Korea, Republic of
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Lao People's Democratic Republic
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libyan Arab Jamahiriya
MA	Morocco
MC	Monaco
MD	Moldova, Republic of
MG	Madagascar
MH	Marshall Islands
ML	Mali
MN	Mongolia
MM	Myanmar
MO	Macau
MP	Northern Mariana Islands
MQ	Martinique
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island

NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NT	Neutral Zone
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	St. Pierre & Miquelon
PN	Pitcairn
PR	Puerto Rico
PT	Portugal
PW	Palau
PY	Paraguay
QA	Qatar
RE	Reunion
RO	Romania
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	St. Helena
SI	Slovenia
SJ	Svalbard & Jan Mayen Islands
SK	Slovakia
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
ST	Sao tome & Principe
*SU	Union of Soviet Socialist Republics
SV	El Salvador
SY	Syrian Arab Republic
SZ	Swaziland
TC	Turks & Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tajikistan
TK	Tokelau
TM	Turkmenistan

TN	Tunisia
TO	Tonga
TP	East Timor
TR	Turkey
TT	Trinidad & Tobago
TV	Tuvalu
TW	Taiwan, Province of China
TZ	Tanzania, United Republic of
UA	Ukraine
UG	Uganda
UM	United States Minor Outlying Islands
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VA	Vatican City State (Holy See)
VC	St. Vincent & the Grenadines
VE	Venezuela
VG	British Virgin Islands
VI	United States Virgin Islands
VN	Viet Nam
VU	Vanuatu
WF	Wallis & Futuna Islands
WS	Samoa
*YD	Democratic Yemen
YE	Yemen
YT	Mayotte
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe
ZZ	Unknown or Unspecified Country

Appendix B

List of Languages and Their Codes

NISO Z39.53 Language Codes

<u>Code</u>	<u>Description</u>
ACE	Achinese
ACH	Acoli
ADA	Adangme
AFA	Afro-Asiatic (Other)

AFH	Afrihili (Artificial language)
AFR	Afrikaans
AJM	Aljamia
AKK	Akkadian
ALB	Albanian
ALE	Aleut
ALG	Algonquian languages
AMH	Amharic
ANG	English, Old (ca. 450-1100)
APA	Apache languages
ARA	Arabic
ARC	Aramaic
ARM	Armenian
ARN	Araucanian
ARP	Arapaho
ART	Artificial (Other)
ARW	Arawak
ASM	Assamese
ATH	Athapascan languages
AVA	Avaric
AVE	Avestan
AWA	Awadhi
AYM	Aymara
AZE	Azerbaijani
BAD	Banda
BAI	Bamileke languages
BAK	Bashkir
BAL	Baluchi
BAM	Bambara
BAN	Balinese
BAQ	Basque
BAS	Basa
BAT	Baltic (Other)
BEJ	Beja
BEL	Byelorussian
BEM	Bemba
BEN	Bengali
BER	Berber languages
BHO	Bhojpuri
BIK	Bikol
BIN	Bini
BLA	Siksika
BRA	Braj
BRE	Breton
BUG	Buginese

BUL	Bulgarian
BUR	Burmese
CAD	Caddo
CAI	Central American Indian (Other)
CAM	Khmer
CAR	Carib
CAT	Catalan
CAU	Caucasian (Other)
CEB	Chamorro
CHB	Chibcha
CHE	Chechen
CHG	Chagatai
CHI	Chinese
CHN	Chinook jargon
CHO	Choctaw
CHR	Cherokee
CHU	Church Slavic
CHV	Chuvash
CHY	Cheyenne
COP	Coptic
COR	Cornish
CPE	Creoles and Pidgins, English-based (Other)
CPF	Creoles and Pidgins, French-based (Other)
CPP	Creoles and Pidgins, Portuguese-based (Other)
CRE	Cree
CRP	Creoles and Pidgins (Other)
CUS	Cushitic (Other)
CZE	Czech
DAK	Dakota
DAN	Danish
DEL	Delaware
DIN	Dinka
DOI	Dogri
DRA	Dravidian (Other)
DUA	Duala
DUM	Dutch, Middle (ca. 1050-1350)
DUT	Dutch
DYU	Dyula
EFI	Efik
EGY	Egyptian
EKA	Ekajuk
ELX	Elamite
ENG	English
ENM	English, Middle (1100-1500)
ESK	Eskimo

ESP	Esperanto
EST	Estonian
ETH	Ethiopic
EWE	Ewe
EWO	Ewondo
FAN	Fang
FAR	Faroese
FAT	Fanti
FIJ	Fijian
FIN	Finnish
FIU	Finno-Ugrian (Other)
FON	Fon
FRE	French
FRI	Friesian
FRM	French, Middle (ca. 1400-1600)
FRO	French, Old (ca. 842-1400)
FUL	Fula
GAA	Gp
GAE	Gaelic (Scots)
GAG	Gallegan
GAL	Oromo
GAY	Gayo
GEM	Germanic (Other)
GEO	Georgian
GER	German
GIL	Gilbertese
GMH	German, Middle High (ca. 1050-1500)
GOH	German, Old High (ca. 750-1050)
GON	Gondi
GOT	Gothic
GRB	Grebo
GRC	Greek, Ancient (to 1453)
GRE	Greek, Modern (1453-)
GUA	Guarani
GUJ	Gujarati
HAI	Haida
HAU	Hausa
HAW	Hawaiian
HEB	Hebrew
HER	Herero
HIL	Hiligaynon
HIM	Himachali
HIN	Hindi
HMO	Hiri Motu
HUN	Hungarian

HUP	Hupa
IBA	Iban
IBO	Igbo
ICE	Icelandic
IJO	Ijo
ILO	Iloko
INC	Indic (Other)
IND	Indonesian
INE	Indo-European (Other)
INT	Interlingua (International Auxiliary Language Association)
IRA	Iranian (Other)
IRI	Irish
IRO	Kabyle
KAC	Kachin
KAM	Kamba
KAN	Kannada
KAR	Karen
KAS	Kashmiri
KAU	Kanuri
KAW	Kawi
KAZ	Kazakh
KHA	Khasi
KHI	Khoisan (Other)
KHO	Khotanese
KIK	Kikuyu
KIN	Kinyarwanda
KIR	Kirghiz
KOK	Konkani
KON	Kongo
KOR	Korean
KPE	Kpelle
KRO	Kru
KRU	Kurukh
KUA	Kuanyama
KUR	Kurdish
KUS	Kusaie
KUT	Kutenai
LAD	Ladino
LAH	Lahnd
LAM	Lamba
LAN	Langue d'oc (post-1500)
LAO	Lao
LAP	Lapp
LAT	Latin

LAV	Latvian
LIN	Lingala
LIT	Lithuanian
LOL	Mongo
LOZ	Lozi
LUB	Luba-Katanga
LUG	Ganda
LUI	Luiseno
LUN	Lunda
LUO	Luo (Kenya and Tanzania)
MAC	Macedonian
MAD	Madurese
MAG	Magahi
MAH	Marshall
MAI	Maithili
MAK	Makasar
MAL	Malayalam
MAN	Mandingo
MAO	Maori
MAP	Austronesian (Other)
MAR	Marathi
MAS	Masai
MAX	Manx
MAY	Malay
MEN	Mende
MIC	Micmac
MIN	Minangkabau
MIS	Miscellaneous (Other)
MKH	Mon-Khmer (Other)
MLA	Malagasy
MLT	Maltese
MNI	Manipuri
MNO	Manobo languages
MOH	Mohawk
MOL	Moldavian
MON	Mongolian
MOS	Mossi
MUL	Multiple languages
MUN	Munda (Other)
MUS	Creek
MWR	Marwari
MYN	Mayan languages
NAH	Aztec
NAI	North American Indian (Other)
NAV	Navajo

NDE	Ndebele (Zimbabwe)
NDO	Ndonga
NEP	Nepali
NEW	Newari
NIC	Niger-Kordofanian (Other)
NIU	Niuean
NOR	Norwegian
NSO	Northern Sotho
NUB	Nubian languages
NYA	Nyanja
NYM	Nyamwezi
NYN	Nyankole
NYO	Nyoro
NZI	Nzima
OJI	Ojibwa
ORI	Oriya
OSA	Osage
OSS	Ossetic
OTA	Turkish, Ottoman
OTO	Otomian languages
PAA	Papuan-Australian (Other)
PAG	Pangasinan
PAL	Pahlavi
PAM	Pampanga
PAN	Panjabi
PAP	Papiamento
PAU	Palauan
PEO	Old Persian (ca. 600-400 B.C.)
PER	Persian
PLI	Pali
POL	Polish
PON	Ponape
POR	Portuguese
PRA	Prakrit languages
PRO	Provençal, Old (to 1500)
PUS	Pushto
QUE	Quechua
RAJ	Rajasthani
RAR	Rarotongan
ROA	Romance (Other)
ROH	Raeto-Romance
ROM	Romany
RUM	Romanian
RUN	Rundi
RUS	Russian

SAD	Sandawe
SAG	Sango
SAI	South American Indian (Other)
SAL	Salishan languages
SAM	Samaritan Aramaic
SAN	Sanskrit
SAO	Samoan
SCC	Serbo-Croatian (Cyrillic)
SCO	Scots
SCR	Serbo-Croatian (Roman)
SEL	Selkup
SEM	Semitic (Other)
SHN	Shan
SHO	Shona
SID	Sidamo
SIO	Siouan languages
SIT	Sino-Tibetan (Other)
SLA	Slavic (Other)
SLO	Slovak
SLV	Slovenian
SND	Sindhi
SNH	Sinhalese
SOM	Somali
SON	Songhai
SPA	Spanish
SRR	Serer
SSO	Sotho
SUK	Sukuma
SUN	Sundanese
SUS	Susu
SUX	Sumerian
SWA	Swahili
SWZ	Swazi
SYR	Syriac
TAG	Tagalog
TAH	Tahitian
TAJ	Tajik
TAM	Tamil
TAR	Tatar
TEL	Telugu
TEM	Timne
TER	Tereno
THA	Thai
TIB	Tibetan
TIG	Tigre

TIR	Tigrinya
TIV	Tivi
TLI	Tlingit
TOG	Tonga (Nyasa)
TON	Tonga (Tonga Islands)
TRU	Truk
TSI	Tsimshian
TSO	Tsonga
TSW	Tswana
TUK	Turkmen
TUM	Tumbuka
TUR	Turkish
TUT	Altaic (Other)
TWI	Twi
UGA	Ugaritic
UIG	Uighur
UKR	Ukrainian
UMB	Umbundu
UND	Undetermined
URD	Urdu
UZB	Uzbek
VAI	Vai
VEN	Venda
VIE	Vietnamese
VOT	Votic
WAK	Wakashan languages
WAL	Walamo
WAR	Waray
WAS	Washo
WEL	Welsh
WEN	Sorbian languages
WOL	Wolof
XHO	Xhosa
YAO	Yao
YAP	Yap
YID	Yiddish
YOR	Yoruba
ZAP	Zapotec
ZEN	Zenaga
ZUL	Zulu
ZUN	Zuni

ISO 639 Language Codes

<u>Code</u>	<u>Description</u>
AA	Afar
AB	Abkhazian
AF	Afrikaans
AM	Amharic
AR	Arabic
AS	Assamese
AY	Aymara
AZ	Azerbaijani
BA	Bashkir
BE	Byelorussian
BG	Bulgarian
BH	Bihari
BI	Bislama
BN	Bengali; Bangla
BO	Tibetan; Bodskad
BR	Breton
CA	Catalan
CO	English
EO	Esperanto
ES	Spanish
ET	Estonian
EU	Basque; Euskera
FA	Persian; Farsi
FI	Finnish; Suomi
FJ	Fiji
FO	Faroese
FR	French
FY	Frisian
GA	Irish; Gaeilge
GD	Scots Gaelic
GL	Galician
GN	Guarani
GU	Gujarati
HA	Hausa
HI	Hindi
HR	Croatian; Hrvatski
HU	Hungarian; Magyar
HY	Armenian; Hayeren
IA	Interlingua
IE	Interlingue
IK	Inupiak
IN	Indonesian; Bahasa Indonesia

IS	Icelandic; Islenzk
IT	Italian
IW	Hebrew; Iwrith
JA	Japanese; Nihongo
JI	Yiddish; Jiddisch
JW	Javanese; Bahasa Jawa
KA	Georgian; Kartuli
KK	Kazakh
KL	Greenlandic; Kalaallisut
KM	Cambodian; Khmer
KN	Kannada
KO	Korean; Choson-o
KS	Kashmiri
KU	Kurdish; Zimany Kurdy
KY	Kirghiz; Kyrgyz
LA	Latin
LN	Lingala
LO	Laothian; Pha Xa Lao
LT	Lithuanian
LV	Latvian, Lettish
MG	Malagasy
MI	Maori
MK	Macedonian
ML	Malayalam
MN	Mongolian
MO	Moldavian
MR	Marathi
MS	Malay; Bahasa Malaysia
MT	Maltese
MY	Burmese; Myanmasa
NA	Nauru
NE	Nepali
NL	Dutch; Nederlands
NO	Norwegian
OC	Occitan
OM	(Afan) Oromo
OR	Oriya
PA	Punjabi; Panjabi
PL	Polish
PS	Pashto, Pushto
PT	Portuguese
QU	Quechua
RM	Rhaeto-Romance
RN	Kirundi
RO	Romanian

RU	Russian
RW	Kinyarwanda
SA	Sanskrit
SD	Sindhi
SG	Sangho
SH	Serbo-Croatian
SI	Singhalese
SK	Slovak
SL	Slovenian
SM	Samoan
SN	Shona
SO	Somali
SQ	Albanian; Shqip
SR	Serbian; Srpski
SS	Siswati
ST	Sesotho
SU	Sundanese
SV	Swedish; Svenska
SW	Swahili
TA	Tamil
TE	Telugu
TG	Tajik
TH	Thai
TI	Tigrinya
TK	Turkmen
TL	Tagalog
TN	Setswana
TO	Tonga
TR	Turkish
TS	Tsonga
TT	Tatar
TW	Twi
UK	Ukrainian
UR	Urdu
UZ	Uzbek
VI	Vietnamese
VO	Volapük
WO	Wolof
XH	Xhosa
YO	Yoruba
ZH	Chinese; Zhongwen
ZU	Zulu

Appendix C

List of Subtests and Their Codes

This list identifies codes for subtests of the specific tests listed as possibilities in TST01. The first three digits of the codes below correspond to the test code. The subtest code is the 5-digit code appearing after the hyphen. For example, the code for Test of English as a Foreign Language (TOEFL) is 809. The subtest codes for TOEFL are 00001 (Listening Comprehension); 00002 (Structure and Written Expression); 00003 (Reading Comprehension/Vocabulary); 00004 (Total).

<u>Code</u>	<u>Description</u>
00000	Total Score
801-00001	English
801-00002	English: Usage/Mechanics
801-00003	English: Rhetorical Skills
801-00004	Mathematics
801-00005	Mathematics: Preliminary and Elementary Algebra
801-00006	Mathematics: Intermediate Algebra and Geometry
801-00007	Mathematics: Plane Geometry and Trigonometry
801-00008	Reading
801-00009	Reading: Social Studies and Science
801-00010	Reading: Arts and Literature
801-00011	Composite
802-00001	English
802-00002	English: Usage and Mechanics
802-00003	English: Rhetorical Skills
802-00004	Mathematics
802-00005	Mathematics: Preliminary Algebra and Algebra
802-00006	Mathematics: Geometry
802-00007	Reading
802-00008	Reading: Social Studies and Science
802-00009	Reading: Arts and Literature
802-00011	Composite
803-00001	Verbal
803-00002	Reading Comprehension
803-00003	Vocabulary
803-00004	Mathematical
803-00005	Total
803-00006	Test of Standard Written English (TSWE)
803-00010	Science Reasoning
804-00001	Verbal
804-00002	Mathematical
804-00003	Total
805-00001	English Composition
805-00002	Literature
805-00003	American History and Social Studies
805-00004	European History and World Cultures
805-00005	Mathematics I
805-00006	Mathematics II
805-00007	Biology

805-00008 Chemistry
805-00009 Physics
805-00010 French
805-00011 German
805-00012 Hebrew
805-00013 Latin
805-00014 Spanish
805-00015 World History
805-00016 French with Listening
805-00017 Japanese with Listening
805-00018 German with Listening
805-00019 Spanish with Listening
805-00020 Chinese with Listening
805-00021 English Composition with Essay
805-00022 Italian
805-00023 Mathematics Level IC
805-00024 Mathematics Level IIC
805-00025 Modern Hebrew
805-00026 Writing
809-00001 Listening Comprehension
809-00002 Structure and Written Expression
809-00003 Reading Comprehension
809-00004 Total
811-00001 Verbal
811-00002 Quantitative
812-00001 Reading Comprehension
812-00002 Analytical Reasoning
812-00003 Logical Reasoning
812-00004 Variable
814-00001 Biology
814-00002 Chemistry
814-00003 Physics
814-00004 Science
814-00005 Reading
814-00006 Quantitative
821-00001 Verbal
821-00002 Quantitative
821-00003 Analytical
822-00001 Biochemistry, Cell and Molecular Biology (B22)
822-00002 Biology (B24)
822-00003 Chemistry (C27)
822-00004 Computer Science (C29)
822-00005 Economics (E31)
822-00006 Education (E34)
822-00007 Engineering (E37)
822-00008 Geology (G47)
822-00009 History (H57)
822-00010 Literature in English (L64)
822-00011 Mathematics (M67)
822-00012 Revised Music (M72)
822-00013 Physics (P77)
822-00014 Political Science (P79)
822-00015 Psychology (P81)
822-00016 Sociology (S87)
831-00001 U.S. History (7)
831-00002 Art History (13)
831-00003 Art - Drawing (14)
831-00004 Art - General (15)
831-00005 Biology (20)
831-00006 Chemistry

831-00007 Comp Sci - A (31)
831-00008 Comp Sci - B (33)
831-00009 Economics - Micro (34)
831-00010 Economics - Macro (35)
831-00011 English Language/Comp (36)
831-00012 English Literature/Comp (37)
831-00013 European History (43)
831-00014 French Language (48)
831-00015 French Literature (51)
831-00016 German Language (55)
831-00017 Govt & Pol - US (57)
831-00018 Govt & Pol - Comp (58)
831-00019 Latin - Vergil (60)
831-00020 Latin - Cat Hor (61)
831-00021 Calculus AB (66)
831-00022 Calculus BC (68)
831-00023 Music List & Lit (73)
831-00024 Music Theory (75)
831-00025 Physics (78)
831-00026 Physics C - Mech (80)
831-00027 Physics - E & M (82)
831-00028 Psychology (85)
831-00029 Spanish Language (87)
831-00030 Spanish Literature (89)

Appendix D

Sample TOEFL Score Report Using TS 138 Format

This sample report uses the character “/” for the field delimiter and “#” as the segment delimiter.

ST/138/123456#

This is a transaction set for the Educational Testing Results Request and Report with control number 123456.

BGN/00/123499/971017/142002/CT#

*00=original transmission of testing results report, sent 10/17/97 at 2:20PM
Central Time*

ERP/TT# Educational Record Purpose

TT=Testing Service Report

REF/2I/3478809#

ERP01=2I for tracking number, which is the TOEFL registration number. (This is field #3, displacement 7-13 on the TOEFL tape layout.)

N1/UE/TOEFL-ETS#

The testing service sender is ETS, for TOEFL.

N1/AT/UT Austin/72/6882#

The postsecondary recipient is UT Austin, code 6882 in the ATP postsecondary code set (code 72).

PER/UG/Jill Doe/TE/5129999999#

Administrative communications should be directed to Jill Doe in the Undergraduate Admissions Office, telephone number (512) 999-9999

IN1/1/04/S2#

The test-taker is a person whose name of record will be included in the IN2

IN2/16/SYED JUNAD MOHD ALI#

The composite name, with last name listed first, is Syed Junad Mohd Ali (Note that the TOEFL tape limits name to 21 characters.)

DMG/D8/19461105/M#

The test-taker's birthdate is November 5, 1946 and his gender is male.

LUI/LD/URD//8#

Urdu is the test-taker's native language.

N3/2077 Nottingham Ave Apt 301#

Street Address of test-taker

N4/Saint Louis/MO/63111-4234#

City, State, Zip of the test-taker

RQS/RQ/T001///Want to attend college in the U.S.#

The test-taker states as his reason for taking the test (Question T001) that he wishes to attend college in the U.S.

RQS/RQ/E003///2#

The test-taker responds to a question about his plans to earn a degree (Question E003) that he does not plan to earn a degree.

RQS/RQ/T002///1#

The test-taker responds to a question about the number of times he has taken this test (Question T002) that this is the first time.

TST/809//CM/199708/1997 ED#

TOEFL Test, 1997 version, taken August of 1997.

SBT/00001#

Subtest Listening Comprehension is being reported.

SRE/1/62#

The scaled score of the subtest is 62.

SBT/00002#

Subtest Structure and Written Expression is being reported.

SRE/1/57#

The scaled score of the subtest is 57.

SBT/00003#

Subtest Reading Comprehension is being reported.

SRE/1/57#

The scaled score of the subtest is 57.

SBT/00004#

The "Main" Total (not sum) score is being reported.

SRE/1/587#

The scaled TOEFL total score is 587.

TST/829//CM/199708/1997 ED#

TWE, reported as a separate test, 1997 version, was taken in August 1997.

SBT/00000#

The total score is being reported.

SRE/1/45#

The total scaled score of 4.5 is reported for the Test of Written English. (The decimal point is assumed but not sent.)

N1/ZZ/1439#

Code ZZ indicates that the location in this segment is considered by the trading partners to be mutually defined as the testing location. 1439 is TOEFL's testing location identifier.

SE/30/123456#

This is the termination segment. 30 segments are being sent. The control number in E02 is same as is ST02.

Appendix E

TOEFL Tape Layout Mapped to TS 138 Format

field	loc	siz	name	TS138 rep.
1	1-4	4	DI code (inst code)	2nd N1 segment
2	5-6	2	dept code	not included**
3	7-13	7	registration nbr	REF
4	14-34	21	examinee name	IN1 and IN2.
5	35-36	2	section I score	1st SRE after TST coded 809, SBT 00001
6	37-38	2	section II score	2nd SRE after TST coded 809, SBT 00002
7	39-40	2	section III score	3rd SRE after TST coded 809, SBT 00003
8	41-43	3	total score	4th SRE after TST coded 809, SBT 00004
9	44-54	11	native country	not included**
10	55-64	10	native language	LUI segment
11	65-70	6	date of birth	DMG
12	71-71	1	sex	DMG
13	72-72	1	reason for taking	Toefl RQS coded T001
14	73-73	1	degree (plans)	RQS coded E003
15	74-74	1	Times taken (TOEFL)	RQS coded T002
16	75-78	4	interpretive info year	TST segment (end)
17	79-82	4	center	N1 segment after SRE
18	83-86	4	admin date mmyy	TST segment
19	87-88	2	converted TWE score	SRE after TST coded 829.
20	89-89	1	no resp/off topic	not used**
21	90-98	9	filler	not used**
22	99-100	2	TSE score	not used on TOEFL tape**
23	101-130	30	address line 1	N3 segment
24	131-160	30	address line 2	same N3 segment
25	161-190	30	address line 3	N4 segment city, state
26	191-210	20	country (address)	N4
27	211-220	10	zip code	N4

