XML Implementation Guide

Historical Statisical File

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Introduction

One of the great problems that any company faces is being agile and adaptable enough to be able to react to changing technologies and changing desires of its clientele. Ideally this is done with as little impact to cost as possible. As OUAC moves forward with its modernization initiatives, it finds itself in a position to leverage some of the new technologies that are now available. One such technology is the use of XML as a means of data exchange. OUAC is fortunate that the adoptions of XML and the formation of the new PESC standards are occurring at the same time as it moves forward with its own modernization efforts.

One of the first steps OUAC has proposed is to modernize the Historical Statistical file to make it compliant with the new emerging PESC standard. This document is meant to describe and assist in making that transition possible.

The HistoricalStats is a fixed-length file, created using the RPG programming language, to summarize the undergraduate admission process to the point of registration. It is made up of five main groupings:

- 1. General Applicant Data (High School and Board attended)
- 2. Confirmed Applicant Choice
- 3. Registered Applicant Choice
- 4. Applicant Course Information
- 5. Applicant University Choice Information

On the other hand, the proposed PESC-XML influenced format of the Historical Statistical File will be broken into the following groupings:

- 1. An optional Transmission Data
- 2. A Reference Year element
- 3. A Board grouping, which can be further broken down into the following:
 - a. School
 - b. Optional Note/Message
- 4. An optional Note/Message

The proposed PESC-XML influenced format, in fact, does capture more data than what is currently in the traditional Historical Statistical File format. In many cases, this is a concerted effort to remain consistent with existing PESC elements, as they are listed in current PESC-XML Documentation (list of documentation used can be found in the Bibliography), while maintaining all of the data captured in the original Historical Statistical File. This is most noticeable in Location based data.

It is expected that the new PESC-XML influenced file structure will continue to evolve. There are several elements, mentioned within this document, that are specific to OUAC and are reflective to OUAC's specific business requirements. For example, the PESC XML standards, released thus far, do not record region or county. These new elements, which have enumerations that are consistent with the OUAC System Manual, move the file format away from being strictly PESC compliant. In the future, these elements may be deemed irrelevant and removed or they may be incorporated in a specific education sector of PESC Approved standards.

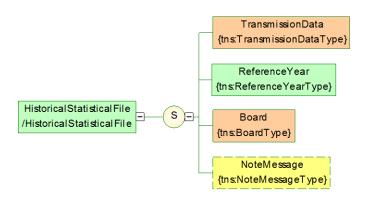
There are two flags that have been removed from our OUAC-defined XML format that existed in its predecessor. The flags "Confirmed Indicator" and "Registered Indicator" were necessary for an RPG flat file format but not necessary in an XML based file format.

Organization and Format

Boxes in Diagrams: The heading for each level and sublevel indicates the position of the subsequent diagram in the larger Schema.

Following the heading, the diagram serves to illustrate the relationship with the preceding branch. All diagrams in this guide were copied from a graphical representation of the XML format of the Historical Statistical File using a software package from Sybase known as PowerDesigner (Version 15.3).

Example:



The boxes in the diagrams can illustrate two separate components of the Schema: first, certain boxes show complex data element groupings which branch out to form either lower-level element groupings or the Schema's other primary component, the fields that contain actual data. Each box contains two points of information: The name of the element and the element type. A box with a solid border indicates that that particular data element or field is required. A box with a dashed line indicates an optional data element or field.

The lines that connect two or more boxes help to denote the XML structure. Each line connects a box on the left-hand side to a circle with a letter inset in it. The lines continue out of the circle to the boxes on the right-hand side. Generally, all elements on the right-hand side of the diagram are components of the element on the left. The letter inset in the circle further defines the stucture. An "S" denotes that the elements/boxes on the right-hand side of the diagram must appear in the order they are arranged in the diagram. A "C" denotes that only a single element need be chosen from the set of elements attached to the circle. Alternatively, if an "A" is inset then the set of elements attached to the circle can appear or not and in any order.

The colour of the boxes also imparts information pertaining to that particular field or element. The colours of the boxes follow the "Recommended Use" designation and are as follows:

- light green colour Recommended or Required designation,
- light blue colour Optional or Conditional,
- yellow colour Not Recommended, and
- peach colour Complex.

Complex elements branch out beyond the scope of a given diagram. The Schema (and this Guide) display such branching in subsequent diagrams.

Note: Subsequent diagrams will display the element type on the left-hand side. For example, from the sample diagram above the "Board" element will be further defined in subsequent diagrams, as "BoardType" (as it is listed underneath the element name).

Descriptive Tables: Under each diagram a table will appear with five columns:

Tag Name: This is the name of the data element grouping or field that will appear in the Schema and in the instance document. ("Instance document" refers to a document with real data for an actual student that institutions would exchange.) The format for the tag name is Upper Camel Case which takes a name such as "Transmission Data" and eliminates the space between the two words, retaining the capital letters of each word making up the tag name.

Schema Use: This column indicates whether the data element or field is required or optional in the instance document. If a required field is not included in the instance document, the file should normally be rejected by the receiving institution or agency's computer program (XML Parser). This column will also include a notation if a field can be sent multiple times.

Description: This is a brief description of the data included with a particular XML tag name.

Recommended Use: This column reflects recommendations from the author. Recommendations in this column generally match the standards in Schema Use, especially if Schema Use shows an element or field as "Required." However, a component listed as "Optional" in Schema Use may be listed as "Recommended" in Recommended Use if the author regards the element or field as essential and in keeping with good practices.

Required: Indicates that a sending institution must include the data element or field in its transmission.

Recommended: If the information for a field is available at the source, then 'Recommended' indicates that the field should be sent. Of course, if the information is not readily available, it would not be included.

Conditional: This recommended use does not occur often in this Guide, but it may occur when the recommendation (recommended, optional or not recommended) is dependent on another data element being sent, or even on the value of another data element that is sent.

Optional: Indicates that it is generally up to the sender to include the data or not. If a source document/file normally includes the element, or field, then the sender should probably include it. It should be noted that data requirements may differ depending on school, board, province/state and, especially, country, therefore what might be optional to one recipient may not be for another. It is highly recommended that optional data be sent when available.

Not Recommended: In many cases, because of the reusability of complex data elements included in this schema they may not be appropriate for use in the Application for Admission. Or, the data element might not be appropriate in a particular place in the

schema. In these cases, the recommended use may be designated as "Not Recommended".

Format: This column shows the minimum and maximum number of occurrences of the data element. It also shows the minimum and maximum length allowable for a field, if that field does not have enumerated values and is not a special type of field such as a date field. Unless otherwise defined for a simple data element, the format is always alpha numeric.

"minOcc 1" indicates a required field, since it must have at least one occurrence in the instance document. "minOcc 0" indicates an optional field.

"maxOcc" followed by a number or symbol specifies the maximum number of times that an element can recur in an instance document at a particular position. For example, "maxOcc 5" would indicate that the field may occur no more than 5 times in a given position of the instance document. "maxOcc ∞" indicates that a field may recur an unlimited number of times in the instance document. However, the use of an excessive number of occurrences puts a burden on the receiving agency or institution, so they should always be limited to the fewest number possible.

"minLength" indicates the minimum number of characters that a field must contain, while "maxLength" indicates the maximum number of characters that a field may contain.

"Enumerations" are used to list the allowable values that may be used in the instance document. They must be used exactly as shown in this column. When the values are enumerated in this column, "minLength" and "maxLength" will not be indicated and are not appropriate.

"DateTime" always uses the same format: ccyy-mm-ddThh:ii:ss(+GMT). An example would be "2005-11-20T08:15:36(+7)". If DateTime is used, then "minLength" and "maxLength" will not be indicated.

"Date" always uses the format "ccyy-mm-dd". An example would be "2006-07-15". If Date is used, then "minLength" and "maxLength" will not be indicated. Alternate indications that can be used are "gYearMonth" which represents the partial date such as 2008-05, or gYear which represents only the four digit year.

"xs:decimal" indicates a numeric field. It has a maximum length of 18 characters including a decimal if it is explicitly included. Typical values would be (1) a grade point average of "3.250"; (2) credits earned of "24"; or (3) credits included in GPA of "16".

"minInclusive" indicates the lowest value of a decimal type field that can be included, while "maxInclusive" indicates the maximum value that can be included in a decimal type field. "totalDigits" indicates the maximum number of digits that can be used in the specified field.

Comment: Comments are meant to provide further explanation or information about the items displayed in the row or the table above.

Code Illustration: Below each table, a snippet of what that portion of an instance document might look like in XML format. If the code is illustrating a complex data element that will be further explained on a subsequent page of this Guide, then only the opening and closing tags will be included. For example:

<Birth>

If the code is illustrating a simple data element that is not recommended for inclusion, then an empty tag will be included. For example:

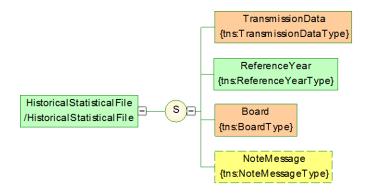
<NoteMessage/>

However, it is common practice not to include an empty tag such as <NoteMessage/> in the instance document.

Order of tag names in the Instance Document: The order of the data elements must be maintained in the instance document in the same order they appear in the schema. Of course, many of the data elements are optional and do not need to be included in the instance document, but if they are included, they must be included in the same order they appear in the schema.

Historical Statistical File

HistoricalFile



Tag Name	Schema Use	Description	Recommended Use	Format			
TransmissionData	Required	Routing and Header Information	Required	minOcc 1			
				maxOcc 1			
Comment: Detailed information about this complex data element to follow on page 10							
ReferenceYear	Required	Defines the application cycle that the	Required	minOcc 1			
		document references. This matches		maxOcc 1			
		the REFYR field in HSTAT98P file.		gYear – Format is ccyy			
Board	Required	This is the board of the school where	Required	minOcc 1			
	Repeatable	the applicant was registered by the end		maxOcc ∞			
		of the application cycle or at the time		Format is an integer			
		this data was extracted					
Comment: Additional info	rmation about boar	d will be shown on page 33					
NoteMessage	Optional	Additive information about the	Not	minOcc 0			
	Repeatable	summary report	Recommended	maxOcc ∞			
				minLength 1			
				maxLength 80			

Comment: In general, it is not recommended to include the unformatted NoteMessage. The use of this tag should be predetermined by the trading partners so that it can be properly processed and stored. If not formatted, then a risk that the trading partner will be unable to properly process and store the data associated with the tag.

Code Illustration:

 $<\!\!Hist File: Historical Statistical File$

XMLns:AdmApp="urn:org:ouac:message:HistoricalStatisticalFile:v1.0.0"

XMLns:AdmRec="urn:org:ouac:sector:HistoricalStatisticalFile:v1.0.0"

XMLns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="urn:org:ouac:message:HistoricalStatisticalFile:v1.0.0"

/HistoricalStatisticalFile_v1.0.0.xsd>

<TransmissionData>

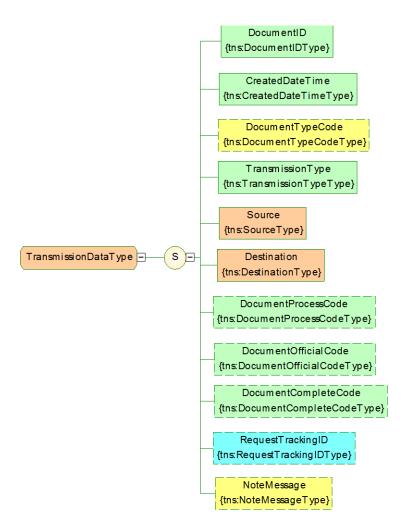
</TransmissionData>

<ReferenceYear>2011</ReferenceYear>

<Board>

</Board>

Transmission



Tag Name	Schema Use	Description	Recommended Use	Format
DocumentID	Required	The File Transmission Date and Time	Required	minOcc 1
		stamp with additional unique qualifying		maxOcc 1
		characteristics		minLength 1
				maxLength 35
CreatedDateTime	Required	The Date and Time stamp when the	Required	minOcc 1
		document was created		maxOcc 1
				xs: datetime ccyy-mm-
				ddThh:ll:ss(+-GMT)
DocumentTypeCode	Optional	Type and Purpose of document being	Not	minOcc 1
		transmitted	Recommended	maxOcc 1
				Enumerations:
				Request
				Change

Comment: Since this file is usually pushed to all parties without request, the use of this element is deemed to be optional. **Request** would be used to for a complete file of all qualified records. **Change** would be used to request only those records that have changed from the last time a file had been requested. Details explaining the time span that a **Change** request may cover should be placed in a NoteMessage element

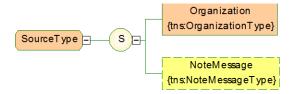
TransmissionType	Required	The nature of the transmission	Required	minOcc 1
,,,				maxOcc 1
				Enumerations:
				Duplicate
				Original
				Reissue
				Replace
				Resubmission
Comment: The typical val	lue used would be	"Original"		Resubillission
Source	Required	This field is required and essential to	Required	minOcc 1
		indicate the agency, vendor, or		maxOcc 1
		company that is transmitting the file.		and and
Comment: This complex of	data element will b	be expanded on page 13. The source will typic	cally be the Ontario Universi	ties' Application Centre
(OUAC)		to expanded on page 15. The source in typic	oun, se une containe conversi	ties /tppiloution contic
Destination	Required	This field is required and essential to	Required	minOcc 1
		indicate the agency, vendor, or		maxOcc 1
		company that is receiving the file.		
Comment: This complex of	data element will b		•	
DocumentProcessCode	Optional	This element indicates a TEST or	Required if "TEST"	minOcc 0
		PRODUCTION		maxOcc 1
			"PRODUCTION" implied,	
			not recommended	Enumerations:
				TEST
				PRODUCTION
		r any new changes to format are issued, the velement would not be included.	alue "TEST" would be includ	ed. After the testing
DocumentOfficialCode	Optional	This element indicates if the document	Required if "Unofficial"	minOcc 0
	,	is unofficial. Unofficial documents may	"Official" implied, not	maxOcc 1
		be produced for reference purposes,	recommended and not	
		but may not be binding	sent by OUAC	Enumerations:
		,		Official
				Unofficial
Comment: Since the trans	smission of this typ	pe are considered official, this optional data e	lement would not normally	be included
DocumentCompleteCode	Optional	This element indicates whether the	Required if not complete	minOcc 0
		document conveys a complete record.		maxOcc 1
		Partial records may be produced for	"Complete" is implied,	
		information that is recorded in multiple	not recommended and	Enumerations:
		media or formats	not sent by OUAC	Partial
				Complete
Comment: Since all trans	missions of this typ	oe are considered complete, this optional data	a element is not normally be	included.
RequestTrackingID	Optional	The unique ID associated with a	Optional – not sent by	minOcc 0
		request action that is returned to the	OUAC	maxOcc 1
		requestor for document matching and		minLength 1
		tracking		maxLength 35
may not normally be requ		source so that the version of the file can be re mber of the files are created. This number m		
process. NoteMessage	Ontional	Additional information about the	Not	minOcc 0
NoteMessage	Optional		Recommended	
	Repeatable	transmission	necommended	maxOcc ∞
				minLength 1
		1	1	maxLength 80

TransmissionData (Continued)

Code Illustration:

```
<TransmissionData>
  <DocumentID>2011-04-04-2316139</DocumentID>
  <CreatedDateTime>2011-04-04T09:30:47-05:00</CreatedDateTime>
  <TransmissionType>Original</TransmissionType>
  <Source>
  </Source>
  <Destination>
  </Destination>
  <DocumentProcessCode/>
  </TransmissionData>
```

TransmissionData.Source



Tag Name	Schema Use	Description	Recommended Use	Format				
Organization	Required	Non-person entity such as Organization,	Required	minOcc	1			
		Institution, Agency, or Business		maxOcc	1			
-	Comment: Expanded information about any organization will be provided on page 14. The source Organization is usually Ontario Universities' Application Centre (OUAC)							
NoteMessage	Optional	Additional Information about	Not	minOcc	0			
Ŭ	Repeatable	Organization	Recommended	maxOcc	∞			
				minLength	1			
				MaxLength	80			
Comment: This gives add	Comment: This gives additional information about the sending or source organization.							

Code Illustration:

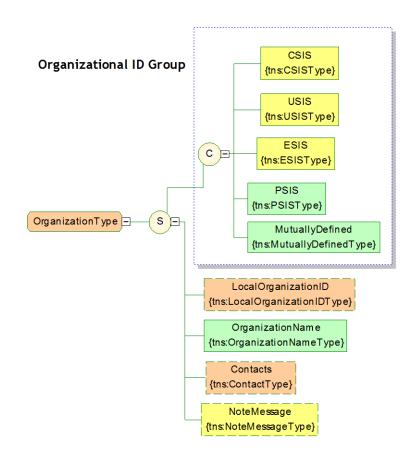
<Source>

<Organization>

</Organization>

</Source>

TransmissionData.Source.Organization



Tag Name	Schema Use	Description	Recommended Use	Format	
[OrganizationIDGroup]	Required	Allowable Organization Ids –	Required	minOcc	1
		Exclusive Choice		maxOcc	1
Comment: [Organization	nIDGroup] is not an XML ta	g and does not appear in an instance	document. It requires a ch	oice of one, and o	only one,
of the following XX code	set tags to identify the sou	urce organization.			
CSIS	Required choice	This unique identifier assigned by	Not	minOcc	0
		the Statistics Canada Canadian	Recommended	maxOcc	1
		College Student Information		minLength	6
		System for each postsecondary		maxLength	6
		exchange partner			
Comment: Since it is not	w being replaced by the PS	ilS code set, it would no longer be a v	valid choice for schools in Car	nada.	
USIS	Required choice	This unique identifier assigned by	Not	minOcc	0
		the Statistics Canada University	Recommended	maxOcc	1
		Student Information System for		minLength	6
		each postsecondary exchange		maxLength	6
		partner			
Comment: Since it is not	w being replaced by the PS	ilS code set, it would no longer be a v	valid choice for schools in Car	nada.	
ESIS	Required choice	This unique identifier assigned by	Not	minOcc	0
		the Statistics Canada Enhanced	Recommended	maxOcc	1
		Student Information System for		minLength	8
		each postsecondary exchange		maxLength	8
		partner			

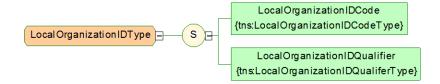
PSIS	Required choice	This unique identifier assigned by	Recommended	minOcc	0
		the Statistics Canada	Choice - not sent by	maxOcc	1
		Postsecondary Student	OUAC	minLength	8
		Information System for each		maxLength	8
		postsecondary exchange partner			
Comment: This code s	set is the preferred code so	et to identify postsecondary schools in	Canada.		
MutuallyDefined	Required choice	A special code set agreed upon in	Recommended	minOcc	0
		advance by trading partners in	Choice	maxOcc	1
		the exchange to identify selected		minLength	1
		trading partners		maxLength	60
		ate to identify a company or other agen		ne of the other allo	wable
		be interpreted correctly by the destinat	ion school or agency.		
Comment: End of Org	anizationIDGroup choice s	set tags			
.ocalOrganizationID	Optional	A code set to more specifically	Not	minOcc	0
		identify the sending organization	Recommended	maxOcc	1
Comment: Additional	information about the con	nplex data element Local Organization	ID will be shown on page 1	16	
OrganizationName	Optional	Name of the non-person entity	Recommended	minOcc	0
	Repeatable	such as organization, institution,		maxOcc	∞
		or Agency		minLength	1
				MaxLength	60
		any, vendor, school or agency. It is repo	eatable so that either a lor	nger name can be i	ncluded
or more specific parts	of the organization can be				
Contacts	Optional	To identify a person or office at	Recommended	minOcc	0
	Repeatable	the sending agency to which		maxOcc	∞
		administrative communications			
		should be directed			
Comment: Additional	information about the con	nplex data element Contacts will be sho	own on page 17		
NoteMessage	Optional	Additional information about the	Not	minOcc	0
	Repeatable	organization	Recommended	maxOcc	∞
				minLength	1
				MaxLength	80

agreement on the format of a NoteMessage, then it can sometimes be useful within a group of users with common interests.

Code Illustration:

- <Organization>
 - <MutuallyDefined>12345600</MutuallyDefined>
 - <OrganizationName>Ontario Universities' Application Centre/OrganizationName>
 - <Contacts>
- </Contacts>
- </Organization>

Transmission Data. Source. Organization. Local Organization ID

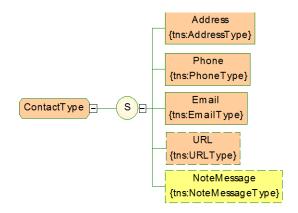


Tag Name	Schema Use	Description	Recommended Use	Format		
LocalOrganizationIDCode	Required	The code assigned for the	Required – not sent by	minOcc	1	
		sending organization by the	OUAC	maxOcc	1	
		province or other mutually		minLength	1	
		defined agency specified in the		maxLength	35	
		LocalIDQualifier that follows.				
Comment: This is a required of	element only if the Loca	al Organization ID complex data elen	nent is sent. This will typically	/ be 'OUAC'		
LocalOrganizationIDQualifier	Required	This is the state or province that	Required – not sent by	minOcc	1	
		assigned the	OUAC	maxOcc	1	
		LocalOrganizationIDCode above.				
				Enumeration	s:	
				See code Set	in	
				Appendix A		
Comment: This is a required element only if the Local Organization ID data element is sent. This will typically be ON for Ontario						

Code Illustration:

This element is not sent by OUAC.

TransmissionData.Source.Organization.Contacts



Tag Name	Schema Use	Description	Recommended Use	Format	
Address	Optional	Address of source organization	Recommended	minOcc	0
	Repeatable			maxOcc	∞
Comment: This complex data	element will be expan	ded on page 18.			
Phone	Optional	Phone Number of source	Recommended	minOcc	0
	Repeatable	organization		maxOcc	∞
Comment: This complex data	element will be expan	ded on page 20.			
Email	Optional	Email address of source	Recommended	minOcc	0
	Repeatable	organization		maxOcc	∞
Comment: This complex data	element will be expan	ded on page 21.			
URL	Optional	The Uniform Resource Locator	Optional	minOcc	0
	Repeatable	of source organization		maxOcc	∞
Comment: This complex data	element will be expan	ded on page 22.			
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the contacts at the source	Recommended	maxOcc	∞
		organization		minLength	1
				maxLength	80

Comment: This is the contact information included by the sending organization to indicate the preferred means for the receiving organization to contact the sending organization in case there is a need for further communication. This is the only place in the instance document to include the name, address, and contact information about the organization that is sending the file.

Code Illustration:

<Contacts>

<Address>

</Address>

<Phone>

</Phone>

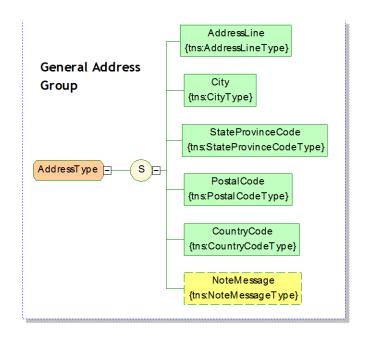
<Email>

</Email>

<URL> </URL>

</Contacts>

Transmission Data. Source. Organization. Contacts. Address



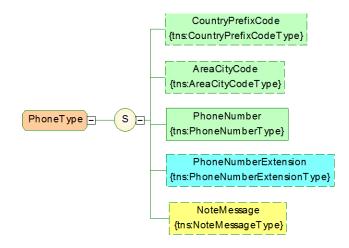
Tag Name	Schema Use	Description	Recommended Use	Format	
General Address Group	Required	This Address Group for items	Required	minOcc	1
		common to all Addresses		maxOcc	1
		only if you choose to send the address o		,	
AddressLine	Required	Local delivery information such	Required	minOcc	1
	Repeatable	as street, building number, PO		maxOcc	3
		box, or apartment portion of a		minLength	1
		postal address of a Contact at		maxLength	40
		the Sending(Source)			
		Organization			
City	Required	The city portion of the Address	Required	minOcc	1
		of a Contact at the Sending		maxOcc	1
		(Source) Organization		minLength	2
				maxLength	30
StateProvinceCode	Required	Code for US States and Canadian	Required	minOcc	1
		provinces		maxOcc	1
				Enumeration	ıs:
				See Appendix	κA
PostalCode	Required	The postal code/zip code	Required	minOcc	1
		portion of the Address		maxOcc	1
				minLength	1
				maxLength	17
CountryCode	Optional	Code indicating country. Use	Recommended	minOcc	0
•		ISO 3166-1 alpha-2 standard		maxOcc	1
				Enumeration	ıc.

				See Appendix B	
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the addresses of the contacts at	Recommended	maxOcc	∞
		the source school		minLength	1
				maxLength	80

Code Illustration:

<Address>
 <AddressLine>170 Research Lane</AddressLine>
 <City>Guelph</City>
 <StateProvinceCode>ON</StateProvinceCode>
 <PostalCode>N1G5E2</PostalCode>
 <CountryCode>CA</CountryCode>
</Address>

Transmission Data. Source. Organization. Contacts. Phone

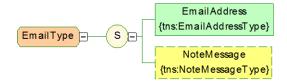


Tag Name	Schema Use	Description	Recommended Use	Format	
CountryPrefixCode	Optional	International dialing code	Recommended - not sent	minOcc	0
			by OUAC	maxOcc	1
				minLength	1
				maxLength	3
AreaCityCode	Optional	Regional dialing code	Recommended	minOcc	0
				maxOcc	1
				minLength	1
				maxLength	5
PhoneNumber	Required	Telephone Number	Required	minOcc	1
				maxOcc	1
				minLength	1
				maxLength	11
PhoneNumberExtension	Optional	The extended telephone	Optional – not sent by	minOcc	0
		addressing information used in	OUAC	maxOcc	1
		addition to phone number such		minLength	1
		as PBX extension, a pager PIN,		maxLength	8
		or FAX sub-address			
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the phone number of the	Recommended	maxOcc	∞
		contact at the source		minLength	1
		organization		maxLength	80

Code Illustration:

<Phone>
<AreaCityCode>519</AreaCityCode>
<PhoneNumber>8231940</PhoneNumber>
</Phone>

Transmission Data. Source. Organization. Contacts. Email



Tag Name	Schema Use	Description	Recommended Use	Format	
EmailAddress	Required	The numbers, letters, and symbols used to identify an electronic mail (email) user within a network	Required	minOcc maxOcc minLength maxLength	1 1 1 128
NoteMessage	Optional Repeatable	Additional information about the email address of the contact at the sending organization	Not Recommended	minOcc maxOcc minLength maxLength	0 ∞ 1 80

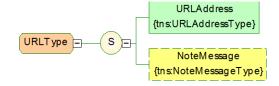
Code Illustration:

<Email>

<EmailAddress>farella@cua.edu</EmailAddress>

</Email>

Transmission Data. Source. Organization. Contacts. URL



Tag Name	Schema Use	Description	Recommended Use	Format	
URLAddress	Required	The Uniform Resource Locator	Required	minOcc	1
		(URL) address of the sending		maxOcc	1
		organization or of a contact at		minLength	1
		the sending organization		maxLength	512
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the URL address of the source	Recommended	maxOcc	∞
		organization		minLength	1
				maxLength	80

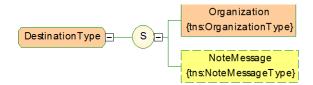
Code Illustration:

<URL>

<URLAddress>www.Xap.com</URLAddress>

</URL>

TransmissionData.Destination



Tag Name	Schema Use	Description	Recommended Use	Format			
Organization	Required	Non-person entity such as	Required	minOcc	1		
		Organization, Institution,		maxOcc	1		
		Agency, or Business					
Comment: This complex data	element will be expan	ded on page 24.					
NoteMessage	Optional	Additional information	Optional	minOcc	0		
	Repeatable	destination organization	Repeatable – not sent by	maxOcc	∞		
			OUAC	minLength	1		
				maxLength	80		
Comment: This gives addition	Comment: This gives additional information about the destination organization.						

Code Illustration:

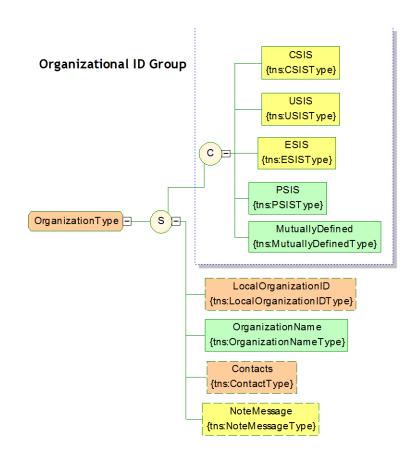
<Destination>

<Organization>

</Organization>

</Destination>

TransmissionData.Destination.Organization



Tag Name	Schema Use	Description	Recommended Use	Format						
[OrganizationIDGroup]	Required	Allowable Organization Ids –	Required	minOcc	1					
		Exclusive Choice		maxOcc	1					
Comment: [OrganizationIDGro	Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires the choice of one, and only									
one, of the following XX code s	set tags to identify the	e destination organization.								
CSIS	Required	The unique identifier assigned	Not	minOcc	0					
	choice	by the Statistics Canada	Recommended	maxOcc	1					
		Canadian College Student		minLength	6					
		Information System for each		maxLength	6					
		postsecondary data exchange								
		partner.								
Comment: Since it is now beir	ng replaced by the PSI	S code set, it would no longer be a	valid choice for schools in Car	nada.						
USIS	Required	The unique identifier assigned	Not	minOcc	0					
	choice	by the Statistics Canada	Recommended	maxOcc	1					
		University Student Information		minLength	6					
		System for each postsecondary		maxLength	6					
		data exchange partner.								
Comment: Since it is now beir	ng replaced by the PSI	S code set, it would no longer be a v	valid choice for schools in Car	nada.						
ESIS	Required	The unique identifier assigned	Not	minOcc	0					
	choice	by the Statistics Canada	Recommended	maxOcc	1					
		Enhanced Student Information		minLength	8					
		System for each postsecondary		maxLength	8					
		data exchange partner.								

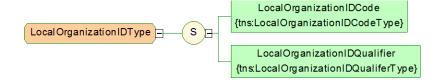
Comment: This identifier is so	heduled to be replace	d by the PSIS code set, it is a valid o	choice for schools in Canada, j	ust not recomm	ended.
PSIS	Required	The unique identifier assigned	Recommended - not sent	minOcc	0
	choice	by the Statistics Canada	by OUAC	maxOcc	1
		Postsecondary Student		minLength	8
		Information System for each		maxLength	8
		data postsecondary exchange			
		partner.			
Comment: This code set is the	preferred code set u	sed to identify postsecondary school	ols in Canada.	l	
MutuallyDefined	Required	This code set could be used by	Recommended	minOcc	0
	choice	prior agreement with a		maxOcc	1
		previously agreed upon set of		minLength	1
		trading partners, usually within		maxLength	60
		a province, or within a group of			
		several provinces.			
Comment MutuallyDefined w	ould be appropriate to	identify a company or other agence	y which does not have one o	f the other allow	able
		nterpreted correctly by the destinat	•		
Comment: End of Organizatio	nIDGroup choice set ta	ags			
LocalOrganizationID	Optional	A code set to more specifically	Optional – not sent by	minOcc	0
		identify the destination	OUAC	maxOcc	1
		organization			
Comment: Additional informa	tion about the comple	x data element Local Organization	ID will be shown on page 26	•	
OrganizationName	Optional	Name of Non-person entity	Recommended	minOcc	0
	Repeatable	such as Organization.		maxOcc	∞
				minLength	1
				maxLength	60
Comment: This is the name of	the receiving compan	y, vendor, school or agency. It is re	peatable so that either a long	er name can be	
included, or more specific par					
Contacts	Optional	To identify a person or office at	Recommended	minOcc	0
	Repeatable	the destination agency to		maxOcc	∞
		which administrative			
		communications should be			
		directed			
Comment: Additional informa	tion about the comple	x data element Contacts will be sho	own on page 27		
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the organization	Recommended	maxOcc	∞
				minLength	1
				MaxLength	80
Comment: Since an unformat	ted NoteMessage can	not be automatically processed by	the receiving school's comput		

Comment: Since an unformatted NoteMessage cannot be automatically processed by the receiving school's computer, the uses of unformatted NoteMessage data elements are not recommended. However, if the sending and receiving schools or agencies have a prior agreement on the format of a NoteMessage, then it can sometimes be useful within a group of users with common interests.

Code Illustration:

- <Organization>
- <MutuallyDefined>12345600</MutuallyDefined>
- <OrganizationName>University of Guelph</OrganizationName>
- <Contacts>
- </Contacts>
- </Organization>

Transmission Data. Destination. Organization. Local Organization ID

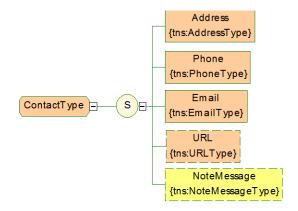


Tag Name	Schema Use	Description	Recommended Use	Format			
LocalOrganizationIDCode	Required	The code assigned for the	Required - not sent by	minOcc	1		
		destination organization by the	OUAC	maxOcc	1		
		province in the LocalIDQualifier		minLength	1		
		that follows		maxLength	35		
Comment: This is a required data element only if the Local Organization ID complex data element is sent. This is typically the administrative code assigned by the province to specifically identify an organization in that province.							
LocalOrganizationIDQualifier	Required	This is the province that	Required - not sent by	minOcc	1		
		assigned the Local ID Code	OUAC	maxOcc	1		
		above					
				Enumeration	s:		
				See code Set	in		
				Appendix A			
Comment: This is a required element only if the Local Organization ID data element is sent. This will typically be ON for Ontario							

Code Illustration:

This element is not sent by OUAC.

TransmissionData.Destination.Organization.Contacts



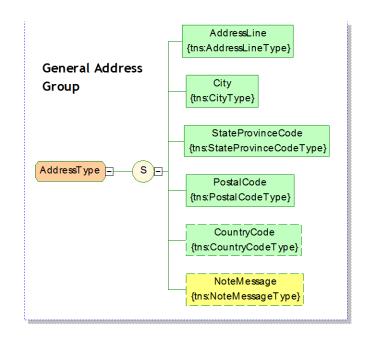
Tag Name	Schema Use	Description	Recommended Use	Format	
Address	Optional	Address of destination	Recommended	minOcc	0
	Repeatable	organization		maxOcc	∞
Comment: This complex data	a element will be expan	ded on page 28.			
Phone	Optional	Phone Number of destination	Recommended	minOcc	0
	Repeatable	organization		maxOcc	∞
Comment: This complex data	a element will be expan	ded on page 30.			
Email	Optional	Email address of destination	Recommended	minOcc	0
	Repeatable	organization		maxOcc	∞
Comment: This complex data	element will be expan	ded on page 31.			
URL	Optional	The Uniform Resource Locator	Optional	minOcc	0
	Repeatable	of destination organization		maxOcc	∞
Comment: This complex data	element will be expan	ded on page 32.			
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the contacts at the destination	Recommended	maxOcc	∞
		organization		minLength	1
				maxLength	80

Comment: This is the contact information included for the destination organization to indicate the intended recipient at the receiving organization. This is the only place in the instance document to include the name, address, and contact information about the organization that is receiving the file.

Code Illustration:

- <Contacts>
 - <Address>
 - </Address>
 - <Phone>
 - </Phone>
 - <Email>
 - </Email>
 - <URL>
- </URL>
- </Contacts>

Transmission Data. Destination. Organization. Contacts. Address



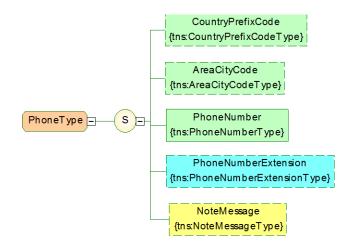
Tag Name	Schema Use	Description	Recommended Use	Format	
General Address Group	Required	This Address Group for items	Required	minOcc	1
		common to all Addresses		maxOcc	1
Comment: This group is re	equired in the schema o	only if you choose to send the address of	of the contact		
AddressLine	Required	Local delivery information such	Required	minOcc	1
	Repeatable	as street, building number, PO		maxOcc	3
		box, or apartment portion of a		minLength	1
		postal address of a Contact at		maxLength	40
		the Receiving(Destination)			
•		Organization			
City	Required	The city portion of the Address	Required	minOcc	1
		of a Contact at the Receiving		maxOcc	1
		(Destination) Organization		minLength	2
				maxLength	30
StateProvinceCode	Required	Code for US States and Canadian	Required	minOcc	1
		provinces		maxOcc	1
				Enumeration	ıs:
				See Appendix	κA
PostalCode	Required	The postal/zip code portion of	Required	minOcc	1
		the Address		maxOcc	1
				minLength	1
				maxLength	17
CountryCode	Optional	Code indicating country. Use	Recommended	minOcc	0
,		ISO 3166-1 alpha-2 standard		maxOcc	1
				_	
				Enumeration	ıs:

				See Appendix B	
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the addresses of the contacts at	Recommended	maxOcc	∞
		the destination school		minLength	1
				maxLength	80

Code Illustration:

<Address>
<AddressLine>50 Stone Road East</AddressLine>
<City>Guelph</City>
<StateProvinceCode>ON</StateProvinceCode>
<PostalCode>N1G2W1</PostalCode>
<CountryCode>CA</CountryCode>
</Address>

TransmissionData.Destination.Organization.Contacts.Phone

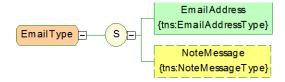


Tag Name	Schema Use	Description	Recommended Use	Format	
CountryPrefixCode	Optional	International dialing code	Recommended - not sent	minOcc	0
			by OUAC	maxOcc	1
				minLength	1
				maxLength	3
AreaCityCode	Optional	Regional dialing code	Recommended	minOcc	0
				maxOcc	1
				minLength	1
				maxLength	5
PhoneNumber	Required	Telephone Number	Required	minOcc	1
				maxOcc	1
				minLength	1
				maxLength	11
PhoneNumberExtension	Optional	The extended telephone	Optional – not sent by	minOcc	0
		addressing information used in	OUAC	maxOcc	1
		addition to phone number such		minLength	1
		as PBX extension, a pager PIN,		maxLength	8
		or FAX sub-address			
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the phone number of the	Recommended	maxOcc	∞
		contact at the destination		minLength	1
		organization		maxLength	80

Code Illustration:

<Phone>
<AreaCityCode>519</AreaCityCode>
<PhoneNumber>8231940</PhoneNumber>
</Phone>

Transmission Data. Destination. Organization. Contacts. Email



Tag Name	Schema Use	Description	Recommended Use	Format	
EmailAddress	Required	The numbers, letters, and symbols used to identify an electronic mail (email) user within a network	Required	minOcc maxOcc minLength maxLength	1 1 1 128
NoteMessage	Optional Repeatable	Additional information about the email address of the contact at the destination organization	Not Recommended	minOcc maxOcc minLength maxLength	0 ∞ 1 80

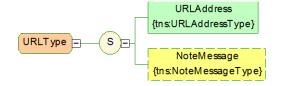
Code Illustration:

<Email>

<EmailAddress>farella@uoguelph.ca</EmailAddress>

</Email>

Transmission Data. Destination. Organization. Contacts. URL

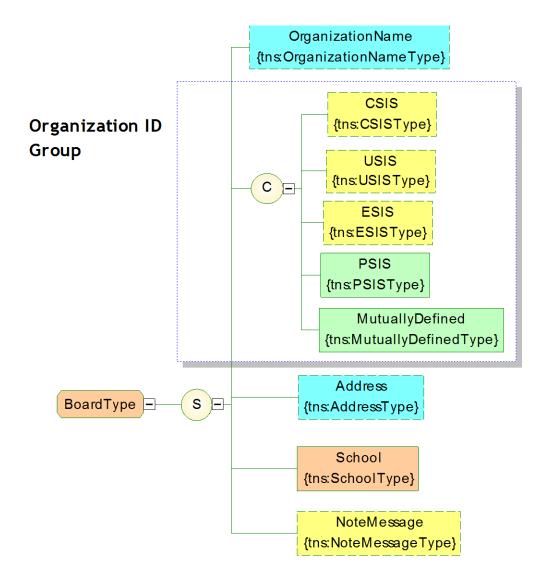


Tag Name	Schema Use	Description	Recommended Use	Format	
URLAddress	Required	The Uniform Resource Locator (URL) address of the receiving organization or of a contact at the receiving organization	Required	minOcc maxOcc minLength maxLength	1 1 1 512
NoteMessage	Optional Repeatable	Additional information about the URL address of the destination organization	Not Recommended	minOcc maxOcc minLength maxLength	0 ∞ 1 80

Code Illustration:

<URL>
<URLAddress>www.uoguelph.ca</URLAddress>
</URL>

Board



Tag Name	Schema Use	Description	Recommended Use	Format	
OrganizationName	Optional	This is the board of	Optional – not sent by	minOcc 0	
		the school where the	OUAC	maxOcc 1	
		applicant was		minLength 1	
		registered by the end		maxLength 60	
		of the application			
		cycle or at the time			
		this data was			
		extracted			
Comment: This field is optional since it details data that is not included in the HSTAT98P file. The inclusion of this element is					
consistent with the new PESC standard.					
OrganizationIDGroup	Optional	Allowable	Optional – not sent by	minOcc 0	
		Organization Ids –	OUAC	maxOcc 1	
		exclusive choice			
Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires a choice of one,					

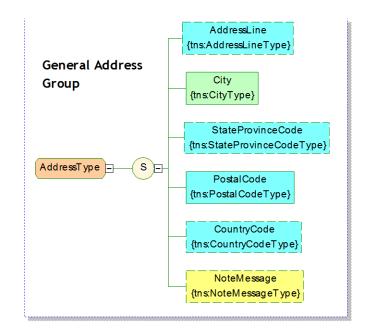
and only one, of the follo	wing XX code set tags to id	entify the board.		
CSIS	Optional	The unique identifier	Not	minOcc 0
	Choice	assigned by the	Recommended	maxOcc 1
		Statistics Canada		minLength 6
		Canadian College		maxLength 6
		Student Information		man_cga c
		System for each		
		postsecondary data		
		exchange partner		
Comment: Since it is now	l v being replaced by the PSI		gor ha a valid choice for s	chools in Canada
USIS	Optional	The unique identifier	Not	minOcc 0
0313	Choice	assigned by Statistics	Recomended	maxOcc 1
	Choice		Recomended	
		Canada University		minLength 6
		Student Information		maxLength 6
		System for each data		
		postsecondary		
		exchange partner		
	v being replaced by the PSI		T	
ESIS	Optional	The unique identifier	Not	minOcc 0
	Choice	assigned by Statistics	Recommended	maxOcc 1
		Canada Enhanced		minLength 7
		Student Information		maxLength 8
		System for each data		
		exchange partner		
Comment: This identifie	r is scheduled to be replace	ed by the PSIS code set, it	is a valid choice for school	s in Canada, just not
recommended.				
PSIS	Optional	The unique identifier	Recommended - not	minOcc 0
	Choice	assigned by Statistics	sent by OUAC	maxOcc 1
		Canada Postsecondary		minLength 8
		Student Information		maxLength 8
		System for each data		maxeengen o
		exchange partner		
Comment: This code set	is the preferred code set t		schools in Canada	
MutuallyDefined	Required	This code set could be	Recommended	minOcc 0
Widtaanybennea	choice	used by prior	Recommended	maxOcc 1
	Choice	agreement with a		
				minLength 1
		previously agreed		maxLength 60
		upon set of trading		
		partners, usually		
		within a province, or		
		within a group of		
		several provinces.		
	ed would be appropriate to			
	oice element. However, it		ectly by the destination sc	hool or agency.
	rationIDGroup choice set to		1	
Address	Optional	This is a complex	Optional – not sent by	minOcc 0
		element containing	OUAC	maxOcc 1
		Address data		
Comment: This data elen	nent is not found in the ori	ginal HSTAT98P file. It is o	considered optional but is	consistent with the PESC
standard. This complex d	ata element will be expand	ded on page 36.		
School	Required	This is the school	Required	minOcc 1
	Repeatable	where the applicant		maxOcc ∞
		was registered by the		
		end of the application		
		cycle or at the time		
		this data was		
		extracted		
Comment: This field is so	onditional on element Boa		cantType with the enumer	ation of Secondary
Comment. This field is co	onuntional on element Boa	ru.scrioor.Applicant.Applic	ancrype with the enumer	ation of secondary.

Additional information about school will be shown on page 38.						
NoteMessage	Optional	Additional information	Not	minOcc	0	
	Recommended	about the board	Recommended	maxOcc	∞	
				minLength	1	
				maxLength	80	

Code Illustration:

<Board>
<MutuallyDefined>12345678</MutuallyDefined>
<School></School>
</Board>

Board.Address

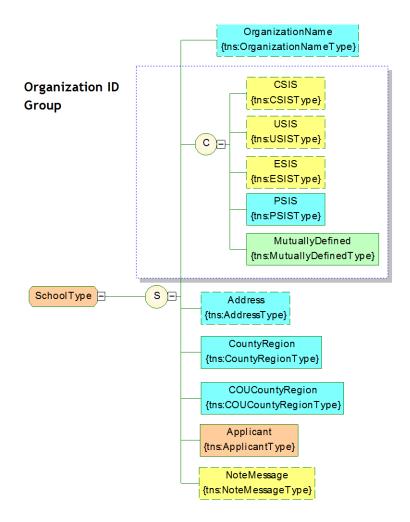


Tag Name	Schema Use	Description	Recommended Use	Format	
AddressLine	Optional	Local delivery	Optional – not sent	minOcc	0
	Repeatable	information such as	by OUAC	maxOcc	3
		street, building		minLength	1
		number, PO box, or		maxLength	40
		apartment portion of			
		a postal address of			
		the board			
City	Required	The city portion of	Required –not sent	minOcc	1
		the Address of the	by OUAC	maxOcc	1
		board		minLength	2
				maxLength	30
StateProvinceCode	Optional	Code for US States	Optional – not sent	minOcc	0
		and Canadian provinces	by OUAC	maxOcc	1
				Enumerations:	
				See Appendix A	
PostalCode	Required	The postal/zip code	Optional – not sent	minOcc	0
		portion of the	by OUAC	maxOcc	1
		Address		minLength	1
				maxLength	17
CountryCode	Optional	Code indicating	Optional – not sent	minOcc	0
		country. Use ISO	by OUAC	maxOcc	1
		3166-1 alpha-2			
		standard		Enumerations:	
				See Appendix B	
NoteMessage	Optional	Additional	Not	minOcc	0
	Repeatable	information about	Recommended	maxOcc	∞

	the address of the	minLength	1
	board	maxLength	80

This element is not sent by OUAC.

Board.School



Tag Name	Schema Use	Description	Recommended Use	Format	
OrganizationName	Optional	This is the school	Optional – not sent by	minOcc	0
		where the applicant	OUAC	maxOcc	1
		was registered by the		minLength	1
		end of the application		maxLength	60
		cycle or at the time			
		this data was			
		extracted			
Comment: This field is or	otional since it details data	that is not included in the	HSTAT98P file. The inclu	sion of this ele	ement is
consistent with the new P	ESC standard.				
OrganizationIDGroup	Optional	Allowable	Optional – not sent by	minOcc	0
		Organization Ids –	OUAC	maxOcc	1
		exclusive choice			
Comment: [Organization]	DGroup] is not an XML tag	and does not appear in a	n instance document. It re	equires a choic	ce of one,
and only one, of the follow	ving XX code set tags to id	entify the school.			
CSIS	Optional	The unique identifier	Not	minOcc	0
	Choice	assigned by the	Recommended	maxOcc	1
		Statistics Canada		minLength	6

		Canadian College		maxLength 6
		Student Information		THUNDENIGHT O
		System for each		
		postsecondary data		
		exchange partner		
	w being replaced by the PSI	S code set, it would no lon	ger be a valid choice for s	
USIS	Optional	The unique identifier	Not	minOcc 0
	Choice	assigned by Statistics	Recommended	maxOcc 1
		Canada University		minLength 6
		Student Information		maxLength 6
		System for each data		
		postsecondary		
		exchange partner		
	w being replaced by the PSI			schools in Canada.
ESIS	Optional	The unique identifier	Not	minOcc 0
	Choice	assigned by Statistics	Recommended	maxOcc 1
		Canada Enhanced		minLength 7
		Student Information		maxLength 8
		System for each data		
		exchange partner		
	er is scheduled to be replac	ed by the PSIS code set, it	is a valid choice for schoo	ls in Canada, just not
recommended.	Outional	The account of the seat of the	Outional materials	
PSIS	Optional	The unique identifier	Optional – not sent by	minOcc 0
	Choice	assigned by Statistics	OUAC	maxOcc 1
		Canada Postsecondary		minLength 8
		Student Information		maxLength 8
		System for each data		
	<u> </u>	exchange partner		
	is the preferred code set t			T
MutuallyDefined	Required	This code set could be	Recommended	minOcc 0
	choice	used by prior		maxOcc 1
		agreement with a		minLength 1
		previously agreed		maxLength 60
		upon set of trading		
		upon set of trading		
		partners, usually		
		partners, usually		
		partners, usually within a province, or within a group of several provinces.		
	ned would be appropriate to	partners, usually within a province, or within a group of several provinces. b identify a company or otle	<u> </u>	
allowable codes in this c	hoice element. However, i	partners, usually within a province, or within a group of several provinces. c identify a company or ot t must be interpreted corre	<u> </u>	
allowable codes in this c Comment: End of Organ	hoice element. However, it izationIDGroup choice set t	partners, usually within a province, or within a group of several provinces. didentify a company or oth t must be interpreted correage.	ectly by the destination sc	thool or agency.
allowable codes in this c Comment: End of Organ	hoice element. However, i	partners, usually within a province, or within a group of several provinces. didentify a company or oth t must be interpreted correags This is a complex	<u> </u>	minOcc 0
allowable codes in this c Comment: End of Organ	hoice element. However, it izationIDGroup choice set t	partners, usually within a province, or within a group of several provinces. c identify a company or ott must be interpreted correags This is a complex element containing	ectly by the destination sc	thool or agency.
allowable codes in this c Comment: End of Organ Address	hoice element. However, it izationIDGroup choice set t Optional	partners, usually within a province, or within a group of several provinces. c identify a company or ott must be interpreted correags This is a complex element containing Address data	Optional	minOcc 0 maxOcc 1
allowable codes in this c Comment: End of Organ Address Comment: This data ele	hoice element. However, it izationIDGroup choice set t Optional ment is not found in the or	partners, usually within a province, or within a group of several provinces. contentify a company or oth the must be interpreted correct ags This is a complex element containing Address data iginal HSTAT98P file. It is o	Optional	minOcc 0 maxOcc 1
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the or data element will be expan	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted corre ags This is a complex element containing Address data iginal HSTAT98P file. It is of	Optional Considered optional but is	minOcc 0 maxOcc 1 consistent with the PESC
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex	hoice element. However, it izationIDGroup choice set t Optional ment is not found in the or	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted corre ags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the	Optional	minOcc 0 maxOcc 1 consistent with the PESC
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the or data element will be expan	partners, usually within a province, or within a group of several provinces. identify a company or ot t must be interpreted corre ags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the	Optional Considered optional but is	minOcc 0 maxOcc 1 minOcc 1 minOcc 1 maxOcc 1
allowable codes in this c Comment: End of Organ Address Comment: This data ele	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the or data element will be expan	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted corre ags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the	Optional Considered optional but is	minOcc 0 maxOcc 1 minOcc 1 minOcc 1 maxOcc 1 minOcc 1 maxOcc 1 minLength 2
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the or data element will be expan	partners, usually within a province, or within a group of several provinces. identify a company or ot t must be interpreted corre ags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the	Optional Considered optional but is	minOcc 0 maxOcc 1 minOcc 1 maxOcc 1 maxOcc 1 maxOcc 1 minLength 2 maxLength 2
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the or data element will be expan	partners, usually within a province, or within a group of several provinces. identify a company or ot t must be interpreted corre ags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the	Optional Considered optional but is	minOcc 0 maxOcc 1 minOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations:
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex CountyRegion	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the ordata element will be expanal Required	partners, usually within a province, or within a group of several provinces. Didentify a company or oth t must be interpreted correags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the Board represents	Optional Considered optional but is Conditional	minOcc 0 maxOcc 1 minOcc 1 maxOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations: See Appendix C
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex CountyRegion Comment: This field is c	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the ord data element will be expanal Required onditional on element Boar	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted correags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the Board represents	Optional Considered optional but is Conditional City by the destination so	minOcc 0 maxOcc 1 consistent with the PESC minOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations: See Appendix C ganizationID (then
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex CountyRegion Comment: This field is c mandatory). This field e	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the ordata element will be expanal Required onditional on element Boardelement matches the SBREG	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted correags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the Board represents	Optional Considered optional but is Conditional With the presence of an Oral It is further defined in the	minOcc 0 maxOcc 1 consistent with the PESC minOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations: See Appendix C ganizationID (then
allowable codes in this comment: End of Organ Address Comment: This data elestandard. This complex CountyRegion Comment: This field is compandatory). This field elegement 210) and in Applex (Element 210) and in Applex (Comment 210) and in Applex (Comme	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the ordata element will be expanate Required onditional on element Board element matches the SBREG pendix A.35. This field show	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted correags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the Board represents	Optional Considered optional but is Conditional With the presence of an Oral It is further defined in the	minOcc 0 maxOcc 1 consistent with the PESC minOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations: See Appendix C ganizationID (then
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex CountyRegion Comment: This field is c mandatory). This field e (Element 210) and in Ap simply using code number	ment is not found in the or data element will be expan Required onditional on element Boalelement matches the SBREG pendix A.35. This field shouers.	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted corre ags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the Board represents rd.School.OrganizationId w GN field of the HSTAT98P. Juld be further modified to	Optional Considered optional but is Conditional with the presence of an Oral tis further defined in the list actual County/Region	minOcc 0 maxOcc 1 consistent with the PESC minOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations: See Appendix C ganizationID (then OUAC System Manual names as opposed to
allowable codes in this c Comment: End of Organ Address Comment: This data ele standard. This complex CountyRegion Comment: This field is c mandatory). This field e	hoice element. However, it izationIDGroup choice set to Optional ment is not found in the ordata element will be expanate Required onditional on element Board element matches the SBREG pendix A.35. This field show	partners, usually within a province, or within a group of several provinces. Didentify a company or oth tmust be interpreted correags This is a complex element containing Address data iginal HSTAT98P file. It is of ded on page 41. A code to identify the region/county that the Board represents	Optional Considered optional but is Conditional With the presence of an Oral It is further defined in the	minOcc 0 maxOcc 1 consistent with the PESC minOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations: See Appendix C ganizationID (then

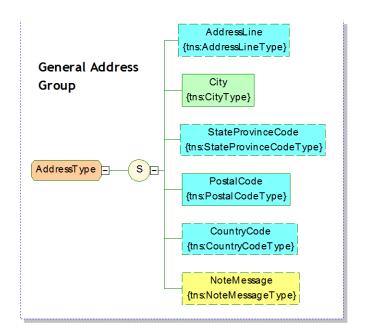
		,		
		CountyRegion		minLength 2
		(SBREGN) except for		maxLength 2
		further breakdown of		Enumerations:
		school boards in		See Appendix C
		Metro Toronto		
Comment: This field is co	nditional on element Boar	d.School.OrganizationId w	ith the presence of an Org	ganizationID (then
mandatory). This field ele	ement matches the SBCNT	Y field of the HSTAT98P. I	t is further defined in the	OUAC System Manual
(Element 210). It is furthe	er defined in Appendix C of	this document. This field	should be further modifie	ed to list actual
County/Region names as o	opposed to simply using co	ode numbers.		
Applicant	Repeatable	Body of document.	Required	minOcc 1
		One segment per		maxOcc ∞
		student. It summarizes		
		the person(s) whom		
		have applied for		
		admission to		
		postsecondary school		
		and the responses		
		received.		
Comment: Detailed inform	mation about this complex	element to follow on pag	e 43	
NoteMessage	Optional	Additional information	Not	minOcc 0
	Recommended	about the school	Recommended	maxOcc ∞
				minLength 1
				maxLength 80

<School>

<MutuallyDefined>12345690</MutuallyDefined>

- <Address></Address>
- <CountyRegion>12</CountyRegion>
- <COUCountyRegion>12</COUCountyRegion>
- <Applicant></Applicant>
- </School>

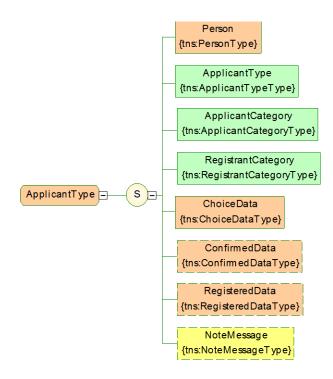
Board.School.Address



Tag Name	Schema Use	Description	Recommended Use	Format	
AddressLine	Optional Repeatable	Local delivery information such as street, building number, PO box, or apartment portion of a postal address of	Optional – not sent by OUAC	minOcc maxOcc minLength maxLength	0 3 1 40
City	Required	the school The city portion of the Address of a school	Required	minOcc maxOcc minLength maxLength	1 1 2 30
StateProvinceCode	Optional	Code for US States and Canadian provinces	Optional – not sent by OUAC	minOcc maxOcc Enumeration	0 1
PostalCode	Required	The postal/zip code portion of the Address	Optional	See Appendi minOcc maxOcc minLength maxLength	1 1 1 1 17
CountryCode	Optional	Code indicating country. Use ISO 3166-1 alpha-2 standard	Optional – not sent by OUAC	minOcc maxOcc Enumeration See Appendi	
NoteMessage	Optional Repeatable	Additional information about	Not Recommended	minOcc maxOcc	0 ∞

	the address of the	minLength	1
!	school	maxLength	80

Board.School.Applicant



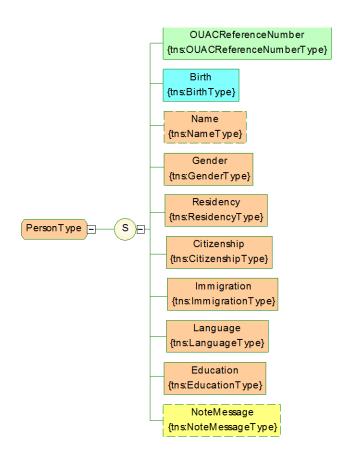
Tag Name	Schema Use	Description	Recommended Use	Format
Person	Required	Information about the person.	Required	minOcc 1
		This element includes secondary		maxOcc 1
		school academic data (where		
		applicable).		
Comment: Additional inform	nation about the person	will be shown on page 45.		
ApplicantType	Required	Identifies whether an applicant	Required	minOcc 1
		is a secondary school applicant		maxOcc 1
		who has applied using the OUAC		
		101 form or a non-secondary		Enumerations:
		applicant who used the OUAC		SecondaryApplicant
		105 form		NonSecondaryApplica
				nt
				NonApplicant
Comment: This field elemen	t matches the APPTYP f	ield of the HSTAT98P		·
ApplicantCategory	Required	Categorizes applicants according	Required	minOcc 1
		to whether or not they would be		maxOcc 1
		selected and appear as a COU		
		applicant in the annual COU		Enumerations:
		report, "Application Statistics",		OUAC
		or as an OUAC Applicant in the		COU
		annual OUAC "Admission Data		Other
		System Report".		NotReported

Comment: COU applicants appear in the annual COU report "Application Statistics". COU applicants are classified as fall term, full-time, and first year. OUAC applicants appear in the annual OUAC "Admission Data System Report". Other applicants category includes applicants who apply for winter, spring, or summer terms, apply part-time, or have advanced standing. In terms of the above mentioned reports, COU applicants are enumerated as 'COU' and OUAC applicants are enumerated as 'OUAC' and 'COU'. This field element matches the APPCAT field of the HSTAT98P

RegistrantCategory	Required	Category of Registrant	Required	minOcc	1
			·	maxOcc	1
				Enumeration	s:
				COURegistrar	nt
				AppliedPreUr	nivDiplom
				а	
				AppliedAdvar	ncedRegF
				irstYear	
				AppliedFirstY	earRegPr
				eUniv	a a Dual In:
				NonAppliedR	egPreUni
				OtherFirstYea	ar
				PrevRegFirstY	
				Unidentified	cui
				NotApplicable	e
Comment: COU and OL	JAC employ slightly differ	ent definitions for registered applica	nts. Registered applicants		
•	stYear, AppliedFirstYearF	Iniversity/diploma programs, or in fir RegPreUniv, NonAppliedRegPreUniv,		· · · · · · · · · · · · · · · · · · ·	s the
ChoiceData	Optional	This category carries the	Optional	minOcc	0
		applicant's university and		maxOcc	∞
		program choices.			
Comment: Additional II	nformation can be found	on page 66.	•		
ConfirmedData	Optional	This category contains the data	a Optional	minOcc	0
		pertaining to an applicant's		maxOcc	1
		confirmed choice.			
	nformation can be found				
RegisteredData	Optional	This category contains the data	a Optional	minOcc	0
		pertaining to an applicant's		maxOcc	1
Camananti Additionalii		registered choice.			
NoteMessage	nformation can be found Optional	Additional information about	Not	minOcc	0
MOLEINIESSARE	Repeatable	the Applicant	Recommended	minOcc	U ∞
	Repeatable	тіс Арріїсані	Necommended	minLength	1
				maxLength	80
			L	maxeciigiii	00

- <Applicant>
 - <Person>
- </Person>
- <ApplicantType>
- </ApplicantType>
- <ApplicantCategory>
- </ApplicantCategory>
- <RegistrantCategory>
- </RegistrantCategory>
- <ChoiceData>
- </ChoiceData>
- <ConfirmedData>
- </ConfirmedData>
- <RegisteredData>
- </RegisteredData>
- </Applicant>

Board.School.Applicant.Person



Tag Name	Schema Use	Description	Recommended Use	Format	
OUACReferenceNumber	Required	The reference number given to	Recommended	minOcc	1
		the applicant by OUAC		maxOcc	1
				minLength	6
				maxLength	6
Comment: This field element	matches the REFNO fie	ld of the HSTAT98P. It is further de	fined in the OUAC System Ma	nual (Element 2	20)
Birth	Required	Information about the birth of	Conditional	minOcc	1
		the applicant.		maxOcc	1
Comment: Additional inform	nation about birth will be	e shown on page 47. Suggested tha	it this be dependent on Applic	ant.ApplicantT	ype (only
for Secondary or Non-Second	lary Applicants)				
Name	Optional	The name of the applicant.	Not	minOcc	0
			Recommended	maxOcc	1
Comment: Additional inform	ation about the applicar	nts name will be shown on page 49.	Since this is a depersonalized	file this field s	hould
always remain empty. Recon	nmend that it be remove	ed entirely			
Gender	Required	The sex or gender of the	Required	minOcc	1
		applicant		maxOcc	1
Comment: Additional inform	nation about gender will	be shown on page 51			
Residency	Required	Information about the	Required	minOcc	1
		residency status and location of		maxOcc	1
		the applicant			
Comment: Additional inform	nation about residency v	vill be shown on page 52.			
Citizenship	Required	Information about the	Required	minOcc	1
		citizenship status of the		maxOcc	1

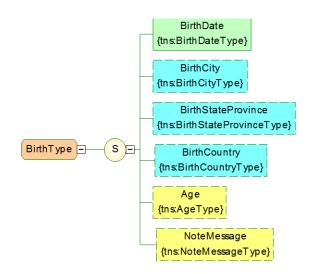
		applicant			
Comment: Additional info	rmation about citizenship	will be shown on page 54.	•		
Immigration	Required	This is the current (or	Required	minOcc	1
		requested) immigration status		maxOcc	1
		in Canada of the applicant as			
		reported by the applicant or			
		school			
Comment: Additional info	rmation about immigratio	n will be shown on page 56.			
Language	Required	Information about the ability of	Required	minOcc	1
		the person to speak, read and		maxOcc	1
		understand languages other			
		than the primary one used in			
		their home country			
Comment: Additional info	rmation about language w	ill be shown on page 58.			
Education	Required	The amount of formal	Required	minOcc	1
		education which the applicant		maxOcc	1
		has received			
Comment: Additional info	rmation about education v	will be shown on page 60.			
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Not Recommended	the applicant as a person	Recommended	maxOcc	∞
				minLength	1
				maxLength	80

<Person>

<OUACReferenceNumber >123456</OUACReferenceNumber>

- <Birth>
- </Birth>
- <Gender>
- </Gender>
- <Residency> </Residency>
- <Citizenship>
- </Citizenship> <lmmigration>
- <Language>
- </Language>
- <Education>
- </Education>
- </Person>

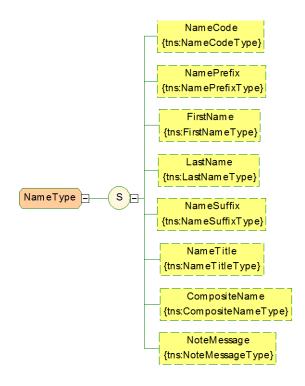
Board. School. Applicant. Person. Birth



Tag Name	Schema Use	Description	Recommended Use	Format	
BirthDate	Required	Date of Birth	Recommended	minOcc	1
				maxOcc	1
				xs:date	
				Format is ccy	y-mm-
				dd	
		D field of the HSTAT98P. It is further of	defined in the OUAC System I	Manual (Element	240).
		vill display an empty element.		1	
BirthCity	Conditional	The city in which the applicant	Optional – not sent by	minOcc	0
		was born	OUAC	maxOcc	1
				minLength	1
				maxLength	30
Comment: This element	is condtional on BirthDa	te.			
BirthStateProvince	Conditional	The state, province, or extra-	Optional – not sent by	minOcc	0
		state jurisdiction in which the	OUAC	maxOcc	1
		applicant was born		Enumeration	ıs:
				See Appendix	κA
Comment: This element	is condtional on BirthDa	te.	<u>.</u>		
BirthCountry	Conditional	The name of the country in	Optional – not sent by	minOcc	0
		which the applicant was born.	OUAC	maxOcc	1
		Use ISO 3 166-1 alpha-2		Enumeration	s:
		standard		See Appendix	κВ
Comment: This element	is condtional on BirthDa	te.	<u>.</u>		
Age	Condtional	An integer that specifies how	Not recommended	minOcc	1
		old an applicant was at time of		maxOcc	1
		application		Format is an	integer
Comment: This element	is condtional on BirthDa	te. The use of the element is not recor	mmended since the age can I	be derived from t	the
ReferenceYear and BirthI	Date element. This field	l element matches the AGE field of the	HSTAT98P. When a BirthDa	te element is "No	ot
Reported" it will display a	an empty element.				
NoteMessage	Optional	Additional information about	Not	minOcc	0
-		the birth of the applicant	Recommended	maxOcc	∞
				minLength	1
				maxLength	80

<Birth>
<BirthDate>1987-07-20</BirthDate>
<Age22</Age>
</Birth>

Board.School.Applicant.Person.Name

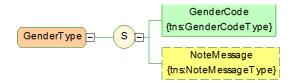


Tag Name	Schema Use	Description	Recommended Use	Format	
NameCode	Optional	A code that indicates the type of	Not	minOcc	0
		name that is being described	Recommend	maxOcc	1
				Enumeration	ıs:
				Casual	
				Formal	
				LawSchoolAp	plicatio
				nSource	
				Legal	
				MedicalScho	olApplic
				ationSource	
NamePrefix	Optional	An honorific title or form of	Not	minOcc	0
		address that precedes the name	Recommended	maxOcc	1
				minLength	1
				maxLength	30
Comment: The honorifi	c prefix which includes s	uch data as "Dr.", "Professor", "Miss", et	tc. It is highly recommende	d not to use this	data
element					
FirstName	Optional	The first name by which a	Not	minOcc	0
		person is known	Recommended	maxOcc	1
				minLength	1
				maxLength	35
LastName	Optional	The last name by which a person	Not	minOcc	0
		is known	Recommended	maxOcc	1
				minLength	1
				maxLength	35
NameSuffix	Optional	The expression or an individual's	Not	minOcc	0
		generation within a family	Recommended	maxOcc	1

				Enumeration	s:
				1	
				II	
				III	
				IV	
				V	
				VI	
				VII	
				VIII	
				IX	
				Х	
				JR	
				SR	
NameTitle	Optional	An honorific title or credential	Not	minOcc	0
		that follows the name	Recommended	maxOcc	1
				minLength	1
				maxLength	30
CompositeName	Optional	The full name of the person in	Not	minOcc	0
		LastName (space) Suffix	Recommended	maxOcc	1
		(comma) FirstName (space). A		minLength	1
		comma would be included after		maxLength	140
		last name or NameSuffix			
Comment: The use of the con	nposite format for stude	ent name is discouraged. It is much	easier for the receiving organ	ization to proce	ess the
individual name parts into its					
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the applicant's name	Recommended	maxOcc	∞
				minLength	1
				maxLength	80

This element is not sent by OUAC.

Board. School. Applicant. Person. Gender



Tag Name	Schema Use	Description	Recommended Use	Format	
GenderCode	Required	The gender of the applicant	Required	minOcc	1
				maxOcc	1
				Enumerations	:
				Female	
				Male	
				Unreported	
Comment: This field elemen	nt matches the SEX field	of the HSTAT98P. It is further defin	ed in the OUAC System Manu	al (Element 230)	
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the Gender of the Applicant	Recommended	maxOcc	∞
				minLength	1
				maxLength	80

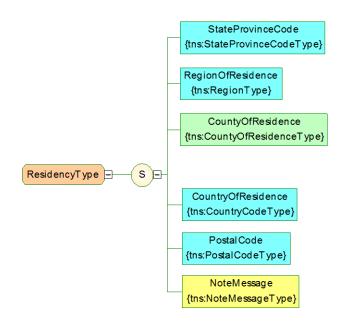
Code Illustration:

<Gender>

<GenderCode>Male</GenderCode>

</Gender>

Board.School.Applicant.Person.Residency



Tag Name	Schema Use	Description	Recommended Use	Format	
StateProvinceCode	Required	The state, province, or extra-	Optional - sent by OUAC	minOcc	0
		state jurisdiction of the		maxOcc	1
		applicant's home address at the		Enumeration	s:
		time of application		See Appendix	κA
Comment: This field eler	nent matches the PROF	RES field of the HSTAT98P. It is further o	defined in the OUAC System N	/Janual (Elemen	t 200)
RegionOfResidence	Required	Region of an Applicant's Home	Conditional	minOcc	0
		or Permanent address		maxOcc	1
				Enumeration	s:
				Canada	
				UnitedStates	
				OtherNorthA	merica
				CentralAmeri	ca
				SouthAmeric	a
				WestIndies	
				UnitedKingdo	m
				Europe	
				MiddleEast	
				Africa	
				Asia	
				Oceania	
				NotReported	
	NRES field of the HSTAT	Applicant.ApplicantType with the enume 98P. Note that both the traditional OUA	•	•	
CountyOfResidence	Required	The county of the applicant 's	Required	minOcc	1
		home address at the time of		maxOcc	1
		application		minLength	1
				maxLength	50
Comment: This field eler	ment matches the COU	RES field of the HSTAT98P. It is further	defined in the OUAC System I	Manual (Elemen	t 210)
CountryOfResidence	Required	The country of the applicant's	Conditional	minOcc	0

	• •	home address at the time of application cant.ApplicantType with the enume	•	maxOcc See Appendix ISO codes for codes of the countries of t world econdary. This	2 digit he
element matches the CUNRES	field of the HSTAT98P.	It is further defined in the OUAC Sy	stem Manual (Element 190)		
PostalCode	Required	The Canadian postal code /U.S.	Optional – sent by OUAC	minOcc	0
		zip code of the applicant's home		maxOcc	1
		or permanent residence address		minLength	1
		(Presumed to be Canada)		maxLength	17
		·			
Comment: This field elemen	t matches the HPOST fie	eld of the HSTAT98P. It is further de	fined in the OUAC System Ma	nual (Element :	150)
NoteMessage	Optional	Additional information about	Not	minOcc	0
_	Repeatable	the residency status of the	Recommended	maxOcc	∞
		applicant		minLength	1
				maxLength	80

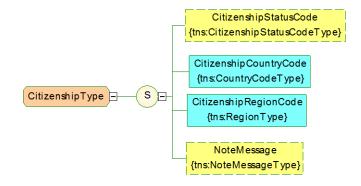
<Residency>

<StateProvinceCode>AB</StateProvinceCode>

- <RegionOfResidence></RegionOfResidence>
- <CountyOfResidence>NotReported</CountyOfResidence>
- <CountryOfResidence>CA</CountryOfResidence>
- <PostalCode>T3E1A2</PostalCode>

</Residency>

Board. School. Applicant. Person. Citizenship



Tag Name	Schema Use	Description	Recommended Use	Format
CitizenshipStatusCode	Optional	Citizenship status of the	Not	minOcc 0
		applicant	Recommended	maxOcc 1
				Enumerations:
				Asylee
				Citizen
				EligibleNonCitizen
				IllegalAlien
				LandedImmigrant
				MinistersPermit
				NonCitizen
				NonPermanentResid
				entAlien
				NonResidentAlien
				NonResidentCitizen
				NotEligible
				PermanentVisa
				Refugee
				ResidentAlien
				StudentAuthorization
				StudentVisa
				TemporaryVisa
				UndocumentedAlien
				VisitorVisa
				WorkVisa
CitizenshipCountryCode	Required	The country of citizenship for	Conditional	minOcc 0
Citizensinpedanti yedae	Required	the applicant	Conditional	maxOcc 1
		the apprount		See Appendix B for
				ISO 2 digit codes of
				the countries of the
				world
Comment: This field is cond	ditional on element Ann	plicant.ApplicantType with the enume	erations of Secondary or Nons	
		P. It is further defined in the OUAC S		.coonaary. This hela
CitizenshipRegionCode	Required	Geographic Region of the	Conditional	minOcc 0
		country of citizenship		maxOcc 1
		occurry of ordizerioring		Enumerations:
				Canada
				UnitedStates
				OtherNorthAmerica
				CentralAmerica
	1		L	CentralAmerica

				SouthAmerica	
				WestIndies	
				UnitedKingdom	
				Europe	
				MiddleEast	
				Africa	
				Asia	
				Oceania	
				NotReported	
Comment: This field is condit	tional on element Applic	cant.ApplicantType with the enumer	ations of Secondary or NonSe	condary. This f	ield
element matches the RGNCIT	field of the HSTAT98P.				
NoteMessage	Optional	Additional information about	Not	minOcc	0
	Repeatable	the citizenship status of the	Recommended	maxOcc	∞
		applicant		minLength	1
				maxLength	80

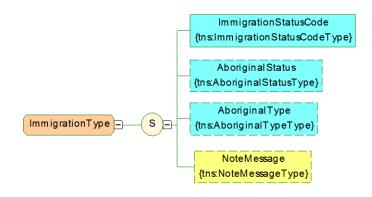
<Citizenship>

<CitizenshipCountryCode>BR</CitizenshipCountryCode>

<CitizenshipRegionCode>Canada</CitizenshipRegionCode>

</Citizenship>

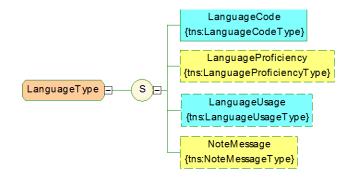
Board.School.Applicant.Person.Immigration



Tag Name	Schema Use	Description	Recommended Use	Format
ImmigrationStatusCode	Required	Status in Canada	Conditional	minOcc 0
				maxOcc 1
				Enumerations:
				NativeCanCitizen
				PermanentResident
				StudyPermit
				Other
				NoStatus
				NotReported
Comment: This field is condi	tional on element Applica	nt.ApplicantType with the enume	rations of Secondary or NonS	Secondary. This field
element matches the IMSTA	T field of the HSTAT98P. I	t is further defined in the OUAC Sy	stem Manual (Element 220).	
AboriginalStatus	Optional	Indication of aboriginal status.	Conditional	minOcc 0
				maxOcc 1
				Enumerations:
				Yes
				No
Comment: This field is condi	tional on the 'NativeCanC	itizen' enumeration in the Immigr	ationStatusCode element and	d is not currently
available in the HSTAT98P fil Manual (Element 2554)	e. Should default to 'No'.	This field element matches the AE	BORG field and is further defi	ned in the OUAC System
AboriginalType	Optional	Indication of the aboriginal	Conditional	minOcc 0
		type		maxOcc 1
				Enumerations:
				FirstNations
				Metis
				Inuit
				NotReported
Comment: This field is cond	tional on the AboriginalSt	atus element and is not currently	available in the HSTAT98P file	e. This field element
matches the ABTYP field and	is further defined in the 0	OUAC System Manual (Element 25	55)	
NoteMessage	Optional	Additional information	Not	minOcc 0
	Repeatable	concerning immigration	Recommended	maxOcc ∞
				minLength 1
		1	1	maxLength 80

</mmigration>
</mmigrationStatusCode>NativeCanCitizen<//mmigrationStatusCode>
<AboriginalStatus>Yes</AboriginalStatus>
<AboriginalType>FirstNations</AboriginalType>
<//mmigration>

Board.School.Applicant.Person.Language

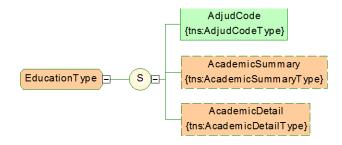


Tag Name	Schema Use	Description	Recommended Use	Format			
LanguageCode	Required	Language First	Conditional	minOcc 0			
		spoken and still		maxOcc 1			
		understood		Enumerations:			
				ENG			
				FRE			
				Other			
				NotReported			
				tions of Secondary or NonSecondary OUAC System Manual (Element 270).			
LanguageProficiency	Optional	The proficiency	Not	minOcc 0			
. 00.		level of the	Recomended	maxOcc 1			
		applicant in this		Enumerations:			
		language		EnglishOnly			
				Excellent			
				Fair			
				FullyEnglishProficient			
				Good			
				LimitedEnglishProficiency			
				NonEnglishSpeaking ,			
				Poor			
				RedesignatedFluentEnglishProficient			
				Unacceptabe			
				Unknown			
Comment: This field is consistent with the new		ils data that is not inclu	uded in the HSTAT98P f	ile. The inclusion of this element is			
LanguageUsage	Conditional	The type of use of	Conditional	minOcc 0			
		this language in		maxOcc ∞			
		which the student		Enumerations:			
		claims proficiency		FirstSpokenLanguage			
				Native			
				Reading			
				Speaking			
				SpokenAtHome			
				Writing			
				WrittenCommunication			
	Comment: This field is conditional on element Applicant.Person.Language.LanguageCode. The value will predominantly default to FirstSpokenLanguage. The inclusion of this element is consistent with the new PESC standard.						
NoteMessage	Optional	Additonal	Not	minOcc 0			
	Repeatable	information about	Recommended	maxOcc ∞			
L	Персиция	ormation about					

the proficiency of the applicant in	minLength 1 maxLength 80
this language	

<Language> <LanguageCode>FRE</LanguageCode> <LanguageUsage>FirstSpokenLanguage</LanguageUsage> </Language>

Board.School.Applicant.Person.Education



Tag Name	Schema Use	Description	Recommended Use	Format
AdjudCode	Required	The level of the	Required	minOcc 1
		student at the school		maxOcc 1
		where the academic		minLength 3
		record was earned		maxLength 3
Comment: This field eler	ment matches the ADJUD	field of the HSTAT98P. It i	s further defined in the Ol	JAC System Manual
(Element 340). The code	s entered here will be base	ed on the codes listed in A	ppendix A.05 of the OUAC	System Manual
AcademicSummary	Conditional	Used to send summary	Conditional	minOcc 0
	Repeatable	totals for all the work		maxOcc 1
		taken at a certain		
		academic level		
Comment: This field is co	onditional on element App	licant.ApplicantType with	the enumeration of Secon	dary. Additional
information about Acade	micSummary will be show	n on page 61.		
AcademicDetail	Conditional	Used to send more	Recommended	minOcc 0
		detailed data		maxOcc 1
		concerning the courses		
		an applicant has taken		
Comment: This field is o	onditional on element App	olicant.ApplicantType with	the enumeration of Secon	ndary. Additional
information about Acade	micDetail will be shown o	n page 63.		

Code Illustration:

<Education>

<AdjudCode></AdjudCode>

<AcademicSummary>

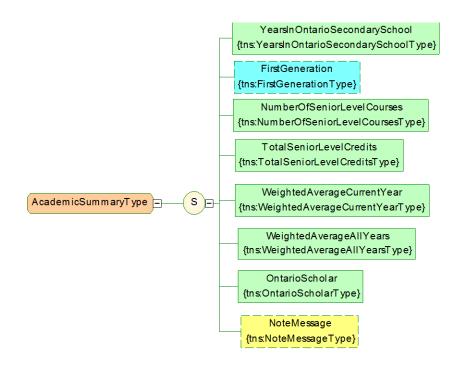
</AcademicSummary>

<AcademicDetail>

</AcademicDetail>

</Education>

Board.School.Applicant.Person.Education.AcademicSummary

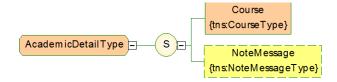


Tag Name	Schema Use	Description	Recommended Use	Format			
YearsInOntarioSecondarySchool	Required	The total number of	Required	minOcc 1			
		complete years at a		maxOcc 1			
		secondary school in		Format is an integer			
		Ontario					
Comment: This field element matches the YRSSCH field of the HSTAT98P. It is further defined in the OUAC System Manual							
(Element 540)							
FirstGeneration	Optional	Indication if either	Optional	minOcc 0			
		of their		maxOcc 1			
		parents/guardians		Enumerations:			
		have attended a		Yes			
		university or college		No			
				NotReported			
Comment: This field is optional of	n the 'NativeCanCitizen	' or 'PermanentResiden	t' enumeration in the Im	migrationStatusCode			
element and is not currently avail	able in the HSTAT98P fi	le. This field element m	atches the FIRSTGEN fiel	d and is further			
defined in the OUAC System Man	ual (Element 3337)						
NumberOfSeniorLevelCourses	Required	The number of	Required	minOcc 1			
		Senior Level courses		maxOcc 1			
		reported		Format is a decimal			
Comment: This field element mat	ches the CNTCRS field o	of the HSTAT98P.					
TotalSeniorLevelCredits	Required	The number of	Required	minOcc 1			
		Senior Level credits		maxOcc 1			
		reported		Format is a decimal			
Comment: This field element mat	ches the TOTCRR field o	of the HSTAT98P. It is fu	rther defined in the OUA	C System Manual			
(Element 572)				·			
WeightedAverageCurrentYear	Required	The weighted	Required	minOcc 1			
-		average of the best		maxOcc 1			
		6 OAC/Senior Level		xs:decimal			

		current year finals reported		NNN.NN			
Comment: This element records the weighted average of the best 6 OAC or Grade 12 U/M current year finals reported. If less than 6 applicable courses reported or not a secondary school applicant this field will be displayed as empty. This field element matches the AVERG1 field of the HSTAT98P.							
WeightedAverageAllYears	Required	The weighted average of the best 6 OAC/Senior Level finals reported	Required	minOcc maxOcc xs: decimal NNN.N	1		
course from any year). If less that	Comment: This element records the weighted average of the best 6 OAC or Grade 12 U/M finals reported (includes applicable course from any year). If less than 6 applicable courses reported or not a secondary school applicant this field wil be displayed as empty. This field element matches the AVERG2 field of the HSTAT98P						
OntarioScholar	Required	Element records whether the applicant was granted an Ontario Scholar designation	Required	minOcc maxOcc Enumerations Yes No	1 1 :		
Comment: This field element matches the SCHOLR field of the HSTAT98P. This will always be enumerated to No for any applicant who has graduated after 1998.							
NoteMessage	Optional Repeatable	Additional information about Academic Summary	Not Recommended	minOcc maxOcc minLength maxLength	0 ∞ 1 80		

- <AcademicSummary>
- <YearsInOntarioSecondarySchool>4</YearsInOntarioSecondarySchool>
- <FirstGeneration>Yes</FirstGeneration>
- <NumberOfSeniorLevelCourses>6</NumberOfSeniorLevelCourses>
- <TotalSeniorLevelCredits>8.25</TotalSeniorLevelCredits>
- <WeightedAverageCurrentYear>92.1</WeightedAverageCurrentYear>
- <WeightedAverageAllYears>87.3</WeightedAverageAllYears>
- <OntarioScholar>Yes</OntarioScholar>
- </AcademicSummary>

Board. School. Applicant. Person. Education. A cademic Detail



Tag Name	Schema Use	Description	Recommended Use	Format	
Course	Required Repeatable	Academic coursework	Required	minOcc maxOcc	1 ∞
Comments This shows at	'			Пахосс	
Comment: This element	will be expanded on page	64.			
NoteMessage	Optional	Additional information	Not	minOcc	0
	Repeatable	concerning the	Recommended	maxOcc	∞
		Applicant's specific		minLength	1
		Academic record		maxLength	80

Code Illustration:

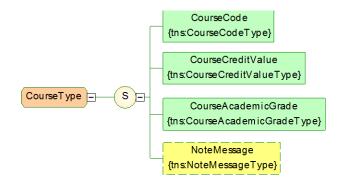
<AcademicDetail>

<Course>

</Course>

</AcademicDetail>

Board. School. Applicant. Person. Education. A cademic Detail. Course



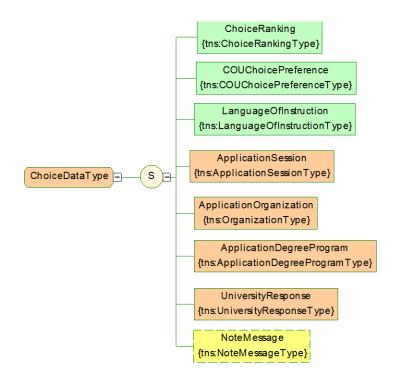
Tag Name	Schema Use	Description	Recommended Use	Format	
CourseCode	Required	Ministry –assigned	Required	minOcc	1
		number for Ontario		maxOcc	1
		secondary school		minLength	5
		courses		maxLength	6
Comment: This field ele	ment matches the CRS1 fie	eld of the HSTAT98P. It is	further defined in the OUA	C System Manua	al
(Element 580), specifical	ly in Appendix B.39 and A.	44.			
CourseCreditValue	Required	Number indicating the	Required	minOcc	1
		credit value the course		maxOcc	1
		is worth		xs:decimal	
				0.00 – did not	
				complete	
Comment: This field ele	ment matches the CRD1 fi	eld of the HSTAT98P. It is	further defined in the OUA	AC System Manu	al
(Element 610).					
CourseAcademicGrade	Required	The final grade	Required	minOcc	1
		awarded in the course		maxOcc	1
				Enumerations:	
				xs-string	
				minInclusive	000
				maxInclusive	100
				Unknown	
				NightSchool	
				Correspondan	ce
				SummerSchoo	I
Comment: This field eler	ment matches the MRK1 fi	eld of the HSTAT98P. It is	further defined in the OUA	AC System Manu	al
(Element 620).					
NoteMessage	Optional	Additional information	Not	minOcc	0
	Repeatable	about academic course	Recommended	maxOcc	∞
				minLength	1
				maxLength	80

Board.School.Applicant.Person.Education.AcademicDetail.Course (Continued)

Code Illustration:

```
<Course>
<CourseCode>ICS010</CourseCode>
<CourseCreditValue>0.75</CourseCreditValue>
<CourseAcademicGrade>080</CourseAcademicGrade>
</Course>
```

Board.School.Applicant.ChoiceData

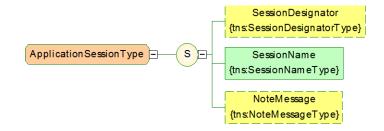


Tag Name	Schema Use	Description	Recommended Use	Format	
ChoiceRanking	Required	Indicates the ranking	Required	minOcc	1
		of the		maxOcc	1
		university/program		Format is an ir	nteger
		selections as provided			
		by the applicant			
Comment: This field elemen	t matches the CHS1 field	of the HSTAT98P. It is fur	rther defined in the OUAC	System Manua	l
(Element 370).					
COUChoicePreference	Required	Designates the COU	Required	minOcc	1
		choice preference on		maxOcc	1
		the application form		Format is an ir	nteger
Comment: The applicant ma	ay designate as a valid cho	oice an application for pre	liminary year/diploma, ad	dvanced standin	g, part-
time or non-fall term. In det	ermining the COU desire	d choice these application	s are eliminated and any	following choice	9
numbers are "bumped up".	This field element match	es the CHSC1 field of the I	HSTAT98P.		
LanguageOfInstruction	Required	The language in which	Required	minOcc	1
		the applicant wishes		maxOcc	1
		to study		Enumerations	:
				English	
				French	
Comment: Comment: This	field is not currently avail	able in the HSTAT98P file.	This field element match	es the LANNIS f	ield and
is further defined in the OUA	AC System Manual (Eleme	ent 450)			
ApplicationSession	Required	The specific term or	Required	minOcc	1
		session for which the		maxOcc	1
		applicant is applying			
Comment: This complex dat	a element will be expand	led on page 68.			
ApplicationOrganization	Required	The specific	Required	minOcc	1
		organization within		maxOcc	1

-					
		the system to which			
		the applicant is			
		applying			
Comment: This complex dat	a element will be expand	ed on page 69.			
ApplicationDegreeProgram	Required	The specific academic	Required	minOcc	1
		program for which		maxOcc	1
		the applicant is			
		applying			
Comment: This complex dat	a element will be expand	ed on page 73.			
UniversityResponse	Optional	The University's	Required	minOcc	0
		response to the		maxOcc	1
		applicant's request			
Comment: This complex dat	a element will be expand	ed on page 76.			
NoteMessage	Optional	Uncoded text	Not	minOcc	0
		information about	Recommended	maxOcc	∞
		this choice		minLength	1
				maxLength	80

- <ChoiceData>
 - <ChoiceRanking>1</ChoiceRanking>
- <COUChoicePreference>1</COUChoicePreference>
- <LanguageOfInstruction>English</LanguageOfInstruction>
- <ApplicationSession>
- </ApplicationSession>
- <ApplicationOrganization>
- </ApplicationOrganization>
- <ApplicationDegreeProgram>
- </ApplicationDegreeProgram>
- <UniversityResponse>
- </UniversityResponse>
- </ChoiceData >

Board. School. Applicant. Choice Data. Application Session



Tag Name	Schema Use	Description	Recommended Use	Format
SessionDesignator	Optional	The academic session	Not	minOcc 1
		to which the applicant	Recommended	maxOcc 1
		is applying		YearMonth (ccyy-
				mm)
Comment: The session design	gnator is used to indicate	the starting year and mor	nth of major academic ter	ms within the school's
calendar. For example, a typ	oical fall term would begin	n in August or September.	So for a fall term that be	gins in September of
the year 2011, the value of t	his field would be "2011-	09"		
SessionName	Required	Name of session	Required	minOcc 1
				maxOcc 1
				Enumerations:
				Fall
				Winter
				Spring
				Summer
Comment: For example, "Fa	Il", "Winter" or "Spring".	This field element match	es the ENR1 field of the H	STAT98P
NoteMessage	Optional	Additional	Not	minOcc 0
	Repeatable	information about the	Recommended	maxOcc ∞
		Academic Session		minLength 1
				maxLength 80

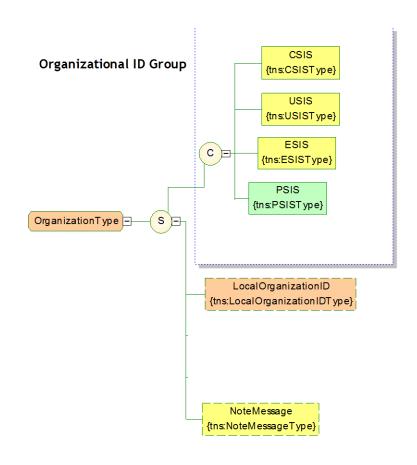
Code Illustration:

<ApplicationSession>

<SessionName>Fall</SessionName>

</ApplicationSession>

Board. School. Applicant. Choice Data. Application Organization



Tag Name	Schema Use	Description	Recommended Use	Format	
OrganizationIDGroup	Required	Allowable	Required - not sent	minOcc	1
		Organization Ids –	by OUAC	maxOcc	1
		Exclusive Choice			
Comment: [Organization]	DGroup] is not an XML	tag and does not appear in ar	n instance document. It r	equires the choi	ce of
one, and only one, of the	following XX code set to	ags to identify the organizatio	n that the applicant has I	isted as a choice	
CSIS	Required	The unique identifier	Not	minOcc	0
	choice	assigned by the	Recommended	maxOcc	1
		Statistics Canada		minLength	6
		Canadian College		maxLength	6
		Student Information			
		System for each			
		postsecondary data			
		exchange partner.			
Comment: Since it is now	being replaced by the	PSIS code set, it would no long	ger be a valid choice for s	chools in Canada	э.
USIS	Required	The unique identifier	Not	minOcc	0
	choice	assigned by the	Recommended	maxOcc	1
		Statistics Canada		minLength	6
		University Student		maxLength	6
		Information System			
		for each			
		postsecondary data			
		exchange partner.			

Comment: Since it is now being replaced by the PSIS code set, it would no longer be a valid choice for schools in Canada.					
ESIS	Required	The unique identifier	Not Recommended	minOcc	0
	choice	assigned by the		maxOcc	1
		Statistics Canada		minLength	8
		Enhanced Student		maxLength	8
		Information System			
		for each			
		postsecondary data			
		exchange partner.			
Comment: This identifier	is scheduled to be replaced	d by the PSIS code set, it is	a valid choice for schools	in Canada, just	not
recommended.					
PSIS	Required	The unique identifier	Recommended – not	minOcc	0
	choice	assigned by the	sent by OUAC	maxOcc	1
		Statistics Canada		minLength	8
		Postsecondary		maxLength	8
		Student Information			
		System for each			
		postsecondary data			
		exchange partner.			
Comment: This code set is	s the preferred code set to	identify postsecondary so	chools in Canada.		
Comment: End of Organiz	ationIDGroup choice set ta	gs			
LocalOrganizationID	Required	A code set to more	Recommended	minOcc	0
		specifically identify		maxOcc	1
		the applicant's			
		chosen institution.			
Comment: Additional information about the complex data element Local Organization ID will be shown on page 71					
NoteMessage	Optional	Additional	Optional	minOcc	0
	Repeatable	information	Repeatable – not sent	maxOcc	∞
		concerning	by OUAC	minLength	1
		applicant's chosen		maxLength	80
		institution.			

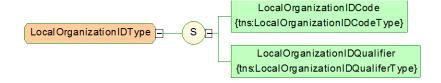
<ApplicationOrganization>

<LocalOrganizationID>

</ LocalOrganizationID>

</ApplicationOrganization>

Board. School. Applicant. Choice Data. Application Organization. Local Organization ID

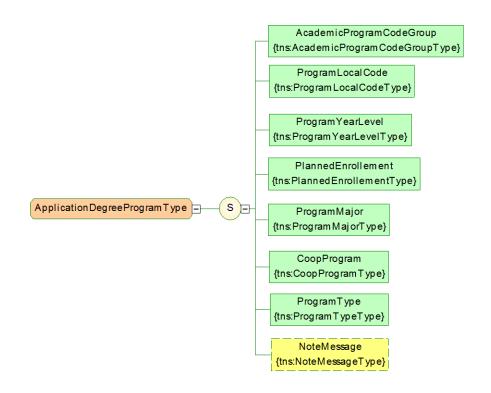


LocalOrganizationIDCode Require		set typically used by a	Danasa and a d		
			Recommended	minOcc	1
1		e or region to further		maxOcc	1
	identify	the postsecondary		Enumerations:	
	school			01	
				02	
				03	
				04	
				05	
				06	
				07	
				08	
				09	
				10	
				11	
				12	
				13	
				14	
				16	
				20	
				27	
				28	
				50	
				87	
Comment: This field could be used to refields would be the preferred choice. T					bove
LocalOrganizationIDQualifier Require		f the Organization	Recommended	minOcc	1
				maxOcc	1
				Enumerations:	
				Brock	
				Carleton	
				Guelph	
				Lakehead	
				Laurentian	
				McMaster	
				Ottawa	
				Queen's	
				Toronto	
				Trent	
				Waterloo	
				Western	
				Windsor	
				York	
				WilfridLaurier	
				vviiii iuLauriei	
				Ryerson	

1	1		T		LIOIT
		,			UOIT
					OCADUniversity
					Algoma
	Comment: This field could be used in conjunction with LocalOrganizationID to provide a more complete listing.				

<LocalOrganizationID> <LocalOrganizationIDCode>03</LocalOrganizationIDCode> <LocalOrganizationIDQualifier>Guelph</LocalOrganizationIDQualifier> </LocalOrganizationID>

Board. School. Applicant. Choice Data. Application Degree Program



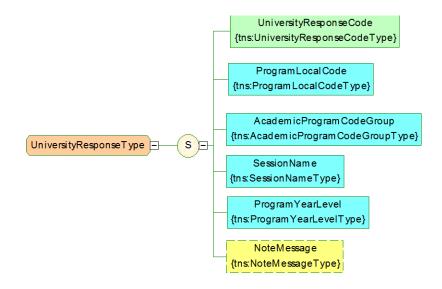
Tag Name	Schema Use	Description	Recommended Use	Format
AcademicProgramCodeGroup	Required	The applicant's	Recommended	minOcc 1
		desired program		maxOcc 1
		group applied for		Enumerations:
				NoChoice
				Agriculture
				Architecture
				Arts
				Science
				CommerceBusiness
				Education
				PhysEd
				EngineerAppScience
				EnvStudies
				FineAppArts
				Forestry
				HouseholdScience
				Journalism
				LandscapeArch
				Music
				Nursing
				Optometry
				Pharmacy
				RehabMed
				SocialWork

				VetMed	
				OtherAdmin	
				OtherDegree	
				SpecGR12	
				Prelim	
				_	
				Diploma	
				Mathematics	
				Ineligible	
Comment: This field elemen	t matches the PGP1 fie	eld of the HSTAT98P.			
ProgramLocalCode	Required	Code used to identify	Recommended	minOcc	1
_	·	the program applied		maxOcc	1
		to at the university.		minLength	2
		to at the university.		maxLength	3
Comments This field also	-tt-l DCN44 ('-l-l	of the LICTATOON Sile. The second			
		of the HSTAT98P file. The na	ming convention for p	rogram codes is des	scribed
in detail in the OUAC System		1			
ProgramYearLevel	Required	The Year Level of	Recommended	minOcc	1
		Study for the		maxOcc	1
		applicant's		Enumerations	:
		university/program		Prelim	
		selection		FirstYear	
				AnyYearAbove	First
Comment: This field clamer	at matches the VDI 1 fix	eld of the HSTAT98P. "FirstYea	ar" is default	7 tily i cal / toove	J1 11 JC
PlannedEnrollment			Recommended	minOss	1
PlannedEnrollment	Required	The anticipated	Recommended	minOcc	1
		enrolment level of		maxOcc	1
		this particular		Enumerations	:
		program		FullTime	
				PartTime	
Comment: This field elemen	t matches the FPT1 fie	ld of the HSTAT98P. It is furt	ner defined in the OU/	AC System Manual	
(Element 410).					
· · · · · · · · · · · · · · · · · · ·	Paguirod	Applicant's Major	Recommended	minOcc	1
ProgramMajor	Required		Recommended	minOcc	
		within their program		maxOcc	1
		of choice		minLength	3
				maxLength	5
Comment: This field elemen	nt matches MAJ1 field	of the HSTAT98P file. The nan	ning convention for su	bject of major inter	rest is
described in detail in OUAC	systems manual under	element 332 and Appendix B	.33. Major Interest ind	reased from 3 to 5	
in the 2000 cycle.				i casca ii oiii s to s	digits
CoopProgram				creased from 5 to 5	digits
PD. a	Required	Applicant's wish to	Recommended		
	Required	Applicant's wish to	Recommended	minOcc	1
	Required	apply for a	Recommended	minOcc maxOcc	1 1
	Required	apply for a cooperative	Recommended	minOcc maxOcc Enumerations	1 1
	Required	apply for a	Recommended	minOcc maxOcc Enumerations Yes	1 1
	·	apply for a cooperative education		minOcc maxOcc Enumerations Yes No	1 1 ::
Comment: This field elemen (Element 397).	·	apply for a cooperative		minOcc maxOcc Enumerations Yes No	1 1 ::
(Element 397).	t matches the COP1 fie	apply for a cooperative education		minOcc maxOcc Enumerations Yes No	1 1 ::
	·	apply for a cooperative education eld of the HSTAT98P. It is furt Records whether the	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual	1 1 ::
(Element 397).	t matches the COP1 fie	apply for a cooperative education eld of the HSTAT98P. It is furt Records whether the program the	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc	1 1 ::
(Element 397).	t matches the COP1 fie	apply for a cooperative education Eld of the HSTAT98P. It is furt Records whether the program the applicant has applied	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations	1 1 1 1 1
(Element 397).	t matches the COP1 fie	apply for a cooperative education eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican	1 1 ::
(Element 397).	t matches the COP1 fie	apply for a cooperative education Eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu	1 1 :: 1 1 1 :: 1 1 1 ::
(Element 397).	t matches the COP1 fie	apply for a cooperative education Eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu FirstYearFallFu	1 1 :: 1 1 :: nt
(Element 397).	t matches the COP1 fie	apply for a cooperative education Eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu	1 1 :: 1 1 :: nt
(Element 397).	t matches the COP1 fie	apply for a cooperative education Eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu FirstYearFallFu	1 1 :: 1 1 :: nt
(Element 397).	t matches the COP1 fie	apply for a cooperative education Eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or advanced standing	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFul FirstYearFallFu AdvStandChoid AdvStandDef	1 1 :: 1 1 :: tt
(Element 397). ProgramType	Required	apply for a cooperative education eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or advanced standing level	her defined in the OU	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFul FirstYearFallFul AdvStandChoice	1 1 :: 1 1 :: tt
(Element 397). ProgramType Comment: This field element	Required Required nt matches the TYP1 fie	apply for a cooperative education Pld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or advanced standing level	her defined in the OU. Recommended	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu FirstYearFallFu AdvStandChoic AdvStandDef Returning	1 1 ::
(Element 397). ProgramType	Required Required nt matches the TYP1 field Optional	apply for a cooperative education Pld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or advanced standing level Pld of the HSTAT98P Additional	Recommended Not	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu FirstYearFallFu AdvStandChoic AdvStandDef Returning minOcc	1 1 :: : : : : : : : : : : : : : : : :
(Element 397). ProgramType Comment: This field element	Required Required nt matches the TYP1 fie	apply for a cooperative education Eld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or advanced standing level Eld of the HSTAT98P Additional information about	her defined in the OU. Recommended	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu FirstYearFallFu AdvStandChoid AdvStandDef Returning minOcc maxOcc maxOcc	1 1 :: 1 1 :: 1 1 :: 1 1 :: 1 1 :: 1 1 :: 1 0 :: 1
(Element 397). ProgramType Comment: This field element	Required Required nt matches the TYP1 field Optional	apply for a cooperative education Pld of the HSTAT98P. It is furt Records whether the program the applicant has applied for is a non-fall program or is at the diploma, first year or advanced standing level Pld of the HSTAT98P Additional	Recommended Not	minOcc maxOcc Enumerations Yes No AC System Manual minOcc maxOcc Enumerations OUACApplican DiplomaFallFu FirstYearFallFu AdvStandChoic AdvStandDef Returning minOcc	1 1 :: : : : : : : : : : : : : : : : :

Board.School.Applicant.ChoiceData.ApplicationDegreeProgram (Continued)

- <ApplicationDegreeProgram>
 - <AcademicProgramCodeGroup>Science</AcademicProgramCodeGroup>
 - <ProgramLocalCode>MS</ProgramLocalCode>
 - <ProgramYearLevel>FirstYear</ProgramYearLevel>
 - <PlannedEnrollment>FullTime</PlannedEnrollment>
 - <ProgramMajor>00028</ProgramMajor>
 - <CoopProgram>No</CoopProgram>
 - <ProgramType>OUACApplicant<ProgramType/>
- </ApplicationDegreeProgram>

Board.School.Applicant.ChoiceData.UniversityResponse

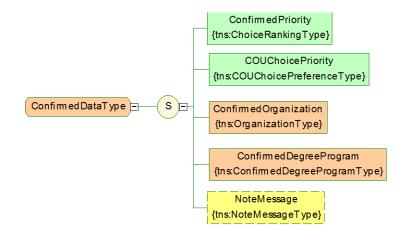


Tag Name	Schema Use	Description	Recommended Use	Format	
UniversityResponseCode	Required	Institution's decision	Recommended	minOcc	1
		regarding the		maxOcc	1
		applicant's program		Enumeration	ıs:
		choice		Offer	
				Refuse	
				NotDetermin	ied
Comment: This field elemen	t matches the DEC1 fie	eld of the HSTAT98P.			
ProgramLocalCode	Required	Code used to identify	Conditional	minOcc	1
	·	the program offered		maxOcc	1
		by the university.		minLength	2
		,		maxLength	3
Comment: This field is cond	itional on element App	olicant.ChoiceData.University	Response.UniversityResp	onseCode. This	field
element matches PGMD1 fie	eld of the HSTAT98P file	e. The naming convention fo	r program codes is descr	ibed in detail in	the
OUAC System Manual under	element 395 and App	endix B.78. (Specifically UPCO	DDE)		
AcademicProgramCodeGrou	ıp Required	The program group	Conditional	minOcc	1
		offered to the		maxOcc	1
		applicant by the		Enumeration	ıs:
		university		NoChoice	
				Agriculture	
				Architecture	
				Arts	
				Science	
				CommerceBu	ısiness
				Education	
				PhysEd	
				EngineerApp	Science
				EnvStudies	
				FineAppArts	
				Forestry	
				HouseholdSc	ience
				Journalism	
				LandscapeAr	

				Music	
				Nursing	
				Optometry	
				Pharmacy	
				RehabMed	
				SocialWork	
				VetMed	
				OtherAdmin	
				OtherDegree	
				SpecGR12	
				Prelim	
				Diploma	
				Mathematics	
				Ineligible	
Comment: This field is condit	ional on element Applicar	nt.ChoiceData.UniversityI	Response. University Response.	onseCode This f	ield
element matches the PGPD1	field of the HSTAT98P.	_	_		
SessionName	Required	The enrollment term	Conditional	minOcc	1
		offered to the		maxOcc	1
		applicant by the		Enumeration	s:
		university		Fall	
				Winter	
				Spring	
				Summer	
				NoOffer	
Comment: This field is condit		nt. Choice Data. University I	Response.UniversityRespo	onseCode. This	field
element matches the ENRD1		1	1		
ProgramYearLevel	Required	The Year Level of	Conditional	minOcc	1
		Study offered to the		maxOcc	1
		applicant by the		Enumeration	s:
		university		Prelim	
				FirstYear	
				AnyYearAbov	
Comment: This field is condit		nt.ChoiceData.UniversityI	Response. University Response.	onseCode. This	field
element matches the YRLD1 f		1	1	T	
NoteMessage	Optional	Additional	Not	minOcc	0
	Repeatable	information about	Recommended	maxOcc	∞ .
		the University		minLength	1
		response		maxLength	80

- <UniversityResponse>
 - <UniversityResponseCode>Offer</UniversityResponseCode>
 - <ProgramLocalCode>MS</ProgramLocalCode>
 - <AcademicProgramCodeGroup>Science</AcademicProgramCodeGroup>
 - <SessionName>Fall</SessionName>
- <ProgramYearLevel>FirstYear
- </UniversityResponse>

Board. School. Applicant. Confirmed Data

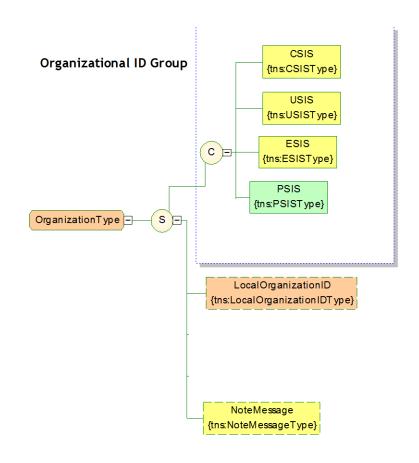


Tag Name	Schema Use	Description	Recommended Use	Format			
ConfirmedPriority	Required	The priority given to	Required	minOcc	1		
		this particular choice		maxOcc	1		
				Format is an i	nteger		
Comment: This field element	t matches the CNFCHS fie	ld of the HSTAT98P. It is	further defined in the OU	IAC System Mar	nual		
(Element 370).							
COUChoicePriority	Required	The priority given to	Required	minOcc	1		
		the choice by the COU		maxOcc	1		
				Format is an i	nteger		
Comment: This field element	t matches the CNFCCH fie	eld of the HSTAT98P.					
ConfirmedOrganization	Required	The specific	Required	minOcc	1		
		organization within		maxOcc	1		
		the system to which					
		the applicant is					
		confirmed					
Comment: This complex dat	a element will be expand	led on page 80.					
ConfirmedDegreeProgram	Required	The specific academic	Required	minOcc	1		
		program for which		maxOcc	1		
		the applicant is					
		confirmed					
Comment: This complex ele	Comment: This complex element is expanded on page 84.						
NoteMessage	Optional	Additional	Not	minOcc	0		
	Repeatable	information about the	Recommended	maxOcc	∞		
		applicant's		minLength	1		
		confirmation		maxLength	80		

Board.School.Applicant.ConfirmedData (Continued)

- <ConfirmedData>
 - <ConfirmedPriority>1</ConfirmedPriority>
 - <COUChoicePriority>1</COUChoicePriority>
 - <ConfirmedOrganization>
 - </ConfirmedOrganization/>
- <ConfirmedDegreeProgram>
- </ConfirmedDegreeProgram>
- </ConfirmedData>

Board. School. Applicant. Confirmed Data. Confirmed Organization



Tag Name	Schema Use	Description	Recommended Use	Format	
[OrganizationIDGroup]	Required	Allowable Organization Ids –	Required – not sent by	minOcc	1
		Exclusive Choice	OUAC	maxOcc	1
Comment: [OrganizationIDGre	oup] is not an XML tag	and does not appear in an instance	e document. It requires the o	hoice of one, an	d only
one, of the following XX code:	set tags to identify the	e confirmed organization.			
CSIS	Required	The unique identifier assigned	Not	minOcc	0
	choice	by the Statistics Canada	Recommended	maxOcc	1
		Canadian College Student		minLength	6
		Information System for each		maxLength	6
		postsecondary data exchange			
		partner.			
Comment: Since it is now beir	ng replaced by the PSI	S code set, it would no longer be a	valid choice for schools in Car	nada.	
USIS	Required	The unique identifier assigned	Not	minOcc	0
	choice	by the Statistics Canada	Recommended	maxOcc	1
		University Student Information		minLength	6
		System for each postsecondary		maxLength	6
		data exchange partner.			
Comment: Since it is now beir	ng replaced by the PSI	S code set, it would no longer be a	valid choice for schools in Car	nada.	
ESIS	Required	The unique identifier assigned	Not	minOcc	0
	choice	by the Statistics Canada	Reccommended	maxOcc	1
		Enhanced Student Information		minLength	8
		System for each postsecondary		maxLength	8
		data exchange partner.			

Comment: This identifier is scheduled to be replaced by the PSIS code set, it is a valid choice for schools in Canada, just not recommended.							
PSIS	Required	The unique identifier assigned	Recommended – not sent	minOcc	0		
	choice	by the Statistics Canada	by OUAC	maxOcc	1		
		Postsecondary Student		minLength	8		
		Information System for each		maxLength	8		
		postsecondary data exchange					
		partner.					
Comment: This code set is the	preferred code set to	o identify postsecondary schools in	Canada.				
Comment: End of Organizatio	nIDGroup choice set t	ags					
LocalOrganizationID	Required	A code set to more specifically	Recommended	minOcc	0		
		identify the confirmed		maxOcc	1		
		organization					
Comment: Additional informa	tion about the comple	ex data element Local Organization	ID will be shown on page 82				
NoteMessage	Optional	Additional information about	Not	minOcc	0		
	Repeatable	the organization	Recommended	maxOcc	∞		
				minLength	1		
				maxLength	80		

Comment: Since an unformatted NoteMessage cannot be automatically processed by the receiving school's computer, the uses of unformatted NoteMessage data elements are not recommended. However, if the sending and receiving schools or agencies have a prior agreement on the format of a NoteMessage, then it can sometimes be useful within a group of users with common interests.

Code Illustration:

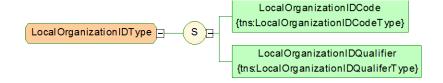
<ConfirmedOrganization>

<LocalOrganizationID>

</LocalOrganizationID>

</ConfirmedOrganization>

Board. School. Applicant. Confirmed Data. Confirmed Organization. Local Organization ID



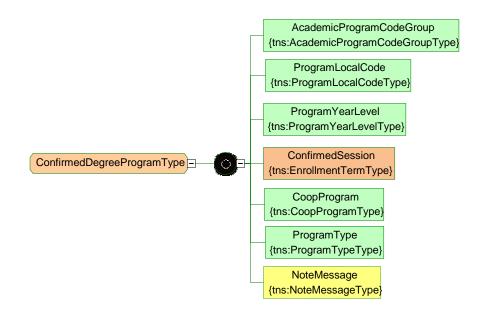
Tag Name	Schema Use	Description	Recommended Use	Format	
LocalOrganizationIDCode	Required	A code set typically used by a	Required	minOcc	1
		province or region to further		maxOcc	1
		identify the receiving school		Enumerations:	
				01	
				02	
				03	
				04	
				05	
				06	
				07	
				08	
				09	
				10	
				11	
				12	
				13	
				14	
				16	
				20	
				27	
				28	
				50	
				87	
Comment: This field could be	used to match up with	CNFUNI field of the HSTAT98P.			
LocalOrganizationIDQualifier	Required	The name of the Organization	Required	minOcc	1
				maxOcc	1
				Enumerations:	
				Brock	
				Carleton	
				Guelph	
				Lakehead	
				Laurentian	
				McMaster	
				Ottawa	
				Queen's	
				Toronto	
				Trent	
				Waterloo	
				Western	
				Windsor	
				York	
				WilfridLaurier	
			1	1	
				Ryerson	
				Ryerson Nipissing	

				OCADUniversity	
				Algoma	
Comment: This field could be used in conjunction with LocalOrganizationIDCode to provide a more complete listing.					

Code Illustration:

<LocalOrganizationID>
 <LocalOrganizationIDCode>03</LocalOrganizationIDCode>
 <LocalOrganizationIDQualifier>Guelph</LocalOrganizationIDQualifier>
</LocalOrganizationID>

Board. School. Applicant. Confirmed Data. Confirmed Degree Program



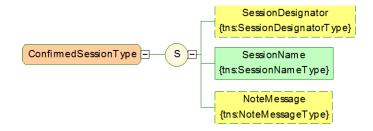
Tag Name	Schema Use	Description	Recommended Use	Format
AcademicProgramCodeGroup	Required	The applicant's	Required	minOcc 1
		program group		maxOcc 1
		confirmed to at the		Enurerations:
		university		NoChoice
				Agriculture
				Architecture
				Arts
				Science
				CommerceBusiness
				Education
				PhysEd
				EngineerAppScience
				EnvStudies
				FineAppArts
				Forestry
				HouseholdScience
				Journalism
				LandscapeArch
				Music
				Nursing
				Optometry
				Pharmacy
				RehabMed
				SocialWork
				VetMed
				OtherAdmin
				OtherDegree
				SpecGR12
				Prelim
				Diploma

				Mathematics
				Ineligible
Comment: This field element	nt matches the CNFPGP	field of the HSTAT98P.		
ProgramLocalCode	Required	Code used to identify	Required	minOcc 1
		the program		maxOcc 1
		confirmed to at the		minLength 2
		university.		maxLength 3
Comment: This field eleme	nt matches CNFPGM fie	eld of the HSTAT98P file. The	naming convention for	or program codes is
	JAC System Manual und	der element 665 and Appendi	ix B.78.	
ProgramYearLevel	Required	Confirmed year level	Required	minOcc 1
		of Study for the		maxOcc 1
		applicant's		Enumerations:
		university/program		PreLim
		selection		FirstYear
				AnyYearAboveFirst
Comment: This field eleme	nt matches the CNFYRL	field of the HSTAT98P. It is for	urther defined in the	OUAC System Manual
under element 685. FirstYe	ar is the default value.			
ConfirmedSession	Required	The specific term or	Required	minOcc 1
		session for which the		maxOcc 1
		applicant is		
		confirmed for		
Comment: This field eleme	nt matches the CNFENR	R field of the HSTAT98P. Add	itional information ab	out the complex data
element ConfirmedSession	will be shown on page 8	87		
CoopProgram	Required	Confirmed whether	Required	minOcc 1
		the applicant is		maxOcc 1
		participating in		Enumerations:
		cooperative		Yes
		education		No
Comment: This field element (Element 688).	nt matches the CNFCOP	field of the HSTAT98P. It is f	further defined in the	OUAC System Manual
ProgramType	Required	Records whether the	Required	minOcc 1
		program to which the		maxOcc 1
		applicant is		Enumerations:
		confirmed is a non-		OUACApplicant
		fall program or is at		DiplomaFallFull
		the diploma, first		FirstYearFallFull
		year or advanced		AdvStandChoice
		standing level		AdvStandDef
		_		Returning
				rictarring
				InvalidNotConfirmed
Comment: This field eleme	nt matches the CNFPTP	field of the HSTAT98P. OUA	CApplicant is the enur	InvalidNotConfirmed
		field of the HSTAT98P. OUAG s. Returning refers to a confir		InvalidNotConfirmed meration used when the
applicant does not fall into				InvalidNotConfirmed meration used when the
applicant does not fall into previously attended.	the other enumerations	s. Returning refers to a confir	rmant's choice to the	InvalidNotConfirmed meration used when the same institution he/she
applicant does not fall into previously attended.	the other enumerations Optional	5. Returning refers to a confir Additional	mant's choice to the	InvalidNotConfirmed meration used when the same institution he/she minOcc 0

$Board. School. Applicant. Confirmed Data. Confirmed Degree Program \ (Continued)$

- <ConfirmedDegreeProgram>
- <AcademicProgramCodeGroup>Arts</AcademicProgramCodeGroup>
- <ProgramLocalCode>ART</ProgramLocalCode>
- <ProgramYearLevel>FirstYear</ProgramYearLevel>
- <ConfirmedSession>
- </ConfirmedSession>
- <CoopProgram>No</CoopProgram>
- <ProgramType>FirstYearFallFull
- </ConfirmedDegreeProgram>

Board. School. Applicant. Confirmed Data. Confirmed Degree Program. Confirmed Session

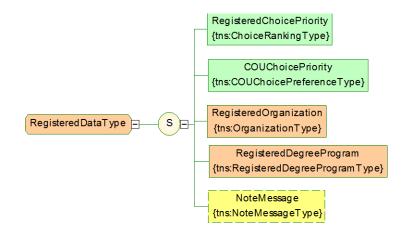


Tag Name	Schema Use	Description	Recommended Use	Format
SessionDesignator	Optional	The academic session	Not	minOcc 1
		to which the applicant	Recommended	maxOcc 1
		is applying		YearMonth (ccyy-
				mm)
Comment: The session design	gnator is used to indicate	the starting year and mor	nth of major academic ter	ms within the school's
calendar. For example, a typ	oical fall term would begin	n in August or September.	So for a fall term that be	gins in September of
the year 2011, the value of t	his field would be "2011-	09".		
SessionName	Required	Name of session	Required	minOcc 1
				maxOcc 1
				Enumerations:
				Fall
				Winter
				Spring
				Summer
Comment: For example, "Fa	all", "Winter" or "Spring".	This field element match	es the ENR1 field of the H	STAT98P
NoteMessage	Optional	Additional	Not	minOcc 0
	Repeatable	information about the	Recommended	maxOcc ∞
		Academic Session		minLength 1
				maxLength 80

Code Illustration:

<ConfirmedSession> <SessionName>Fall</SessionName> </ConfirmedSession>

Board. School. Applicant. Registered Data

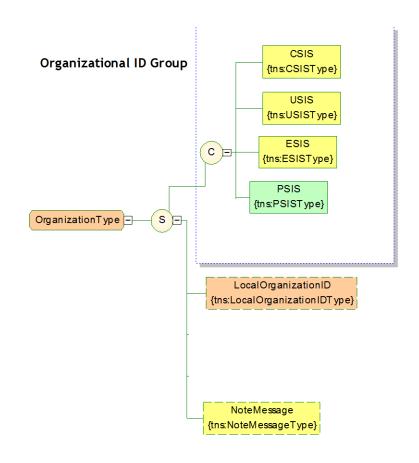


Tag Name	Schema Use	Description	Recommended Use	Format	
RegisteredChoicePriority	Required	The priority to be	Required	minOcc	1
		given to this		maxOcc	1
		particular choice		Format is an	integer
Comment: This field element (Element 370).	t matches the REGCHS fie	eld of the HSTAT98P. It is	further defined in the O	JAC System Ma	nual
COUChoicePriority	Required	The priority given to	Required	minOcc	1
•	,	the choice by the COU		maxOcc	1
		,		Format is an	integer
Comment: This field elemen	t matches the REGCCH fi	eld of the HSTAT98P. The	ere are two exceptions: 1) If the mention	ed
choice was a valid COU choi			· ·		
while there may be a number	er in the Applicant.Choice	Data.COUChoicePriority,	and 2) If the mentioned o	choice was an in	valid
COU choice, but the applica	nt registered as a valid Co	OU registrant, then a '00' v	will be found in the eleme	ent	
Applicant.ChoiceData.COUC	hoicePriority and this ele	ment will be consistent w	ith the RegisteredChoicel	Priority element	: .
RegisteredOrganization	Required	The specific	Required	minOcc	1
		organization within		maxOcc	1
		the system to which			
		the applicant is			
		registered			
Comment: This complex da	ta element will be expand	ded on page 90			
RegisteredDegreeProgram	Required	The specific academic	Required	minOcc	1
		program for which		maxOcc	1
		the applicant is			
		registered			
Comment: This complex ele	ement is expanded on pag	ge 94.			
NoteMessage	Optional	Additional	Not	minOcc	0
	Repeatable	information about the	Recommended	maxOcc	∞
		applicant's		minLength	1
		registration		maxLength	80

Board.School.Applicant.RegisteredData (Continued)

- <RegisteredData>
 - <RegisteredChoicePriority>1</RegisteredChoicePriority>
 - <COUChoicePriority>1</COUChoicePriority>
 - <RegisteredOrganization>
 - </RegisteredOrganization>
- <RegisteredDegreeProgram>
- </RegisteredDegreeProgram>
- </RegisteredData>

Board. School. Applicant. Registered Data. Registered Organization



Tag Name	Schema Use	Description	Recommended Use	Format	
[OrganizationIDGroup]	Required	Allowable Organization Ids –	Required – not sent by	minOcc	1
		Exclusive Choice	OUAC	maxOcc	1
Comment: [OrganizationIDGro	oup] is not an XML tag	and does not appear in an instance	e document. It requires the o	choice of one, an	d only
one, of the following XX code s	set tags to identify the	e registered organization.			
CSIS	Required	The unique identifier assigned	Not	minOcc	0
	choice	by the Statistics Canada	Recommended	maxOcc	1
		Canadian College Student		minLength	6
		Information System for each		maxLength	6
		postsecondary data exchange			
		partner.			
Comment: Since it is now beir	ng replaced by the PSI	S code set, it would no longer be a	valid choice for schools in Car	nada.	
USIS	Required	The unique identifier assigned	Not	minOcc	0
	choice	by the Statistics Canada	Recommended	maxOcc	1
		University Student Information		minLength	6
		System for each postsecondary		maxLength	6
		data exchange partner.			
Comment: Since it is now beir	Comment: Since it is now being replaced by the PSIS code set, it would no longer be a valid choice for schools in Canada.				
ESIS	Required	The unique identifier assigned	Not	minOcc	0
	choice	by the Statistics Canada	Reccommended	maxOcc	1
		Enhanced Student Information		minLength	8
		System for each postsecondary		maxLength	8
		data exchange partner.			

Comment: This identifier is so	Comment: This identifier is scheduled to be replaced by the PSIS code set, it is a valid choice for schools in Canada, just not recommended.					
PSIS	Required	The unique identifier assigned	Recommended – not sent	minOcc	0	
	choice	by the Statistics Canada	by OUAC	maxOcc	1	
		Postsecondary Student		minLength	8	
		Information System for each		maxLength	8	
		postsecondary data exchange				
		partner.				
Comment: This code set is the	preferred code set to	identify postsecondary schools in	Canada.			
Comment: End of Organizatio	nIDGroup choice set t	ags				
LocalOrganizationID	Required	A code set to more specifically	Recommended	minOcc	0	
		identify the registered		maxOcc	1	
		institution				
Comment: Additional informa	tion about the comple	ex data element Local Organization	ID will be shown on page 92			
NoteMessage	Optional	Additional information about	Not	minOcc	0	
	Repeatable	the organization	Recommended	maxOcc	∞	
				minLength	1	
				maxLength	80	
· · · · · · · · · · · · · · · · · · ·						

Comment: Since an unformatted NoteMessage cannot be automatically processed by the receiving school's computer, the use of unformatted NoteMessage data elements are not recommended. However, if the sending and receiving schools or agencies have a prior agreement on the format of a NoteMessage, then it can sometimes be useful within a group of users with common interests.

Code Illustration:

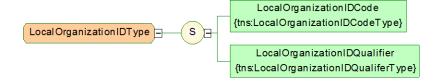
<RegisteredOrganization>

<LocalOrganizationID>

</LocalOrganizationID>

</RegisteredOrganization>

Board. School. Applicant. Registered Data. Registered Organization. Local Organization D



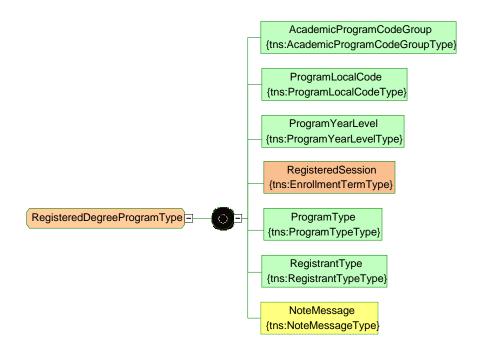
Tag Name	Schema Use	Description	Recommended Use	Format
LocalOrganizationIDCode	Required	A code set typically used by	Recommended	minOcc 1
		province or region to further		maxOcc 1
		identify the receiving school		Enumerations:
				01
				02
				03
				04
				05
				06
				07
				08
				09
				10
				11
				12
				13
				14
				16
				20
				27
				28
				50
				87
Comment: This field could h	e used to match un wi	th REGUNI field of the HSTAT98P.		07
LocalOrganizationIDQualifie		The name of the Organization	Optional	minOcc 1
	- P	The state of the original and the state of t		maxOcc 1
				Enumerations:
				Brock
				Carleton
				Guelph
				Lakehead
				Laurentian
				McMaster
				Ottawa
				Queen's
				Toronto
				Trent
				Waterloo
				Western
				Windsor
				York
				WilfridLaurier
				Ryerson

			Nipissing
			UOIT
			OCADUniversity
			Algoma
Comment: This field could be used in conjunction with LocalOrganizationID to provide a more complete listing.			

Code Illustration:

<LocalOrganizationID>
 <LocalOrganizationIDCode>01</LocalOrganizationIDCode>
 <LocalOrganizationIDQualifier>Brock</LocalOrganizationIDQualifier>
</LocalOrganizationID>

Board. School. Applicant. Registered Data. Registered Degree Program



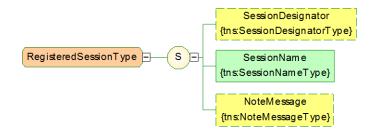
Tag Name	Schema Use	Description	Recommended Use	Format
AcademicProgramCodeGroup	Required	The applicant's	Required	minOcc 1
		program registered		maxOcc 1
		to at the university		Enurerations:
				NoChoice
				Agriculture
				Architecture
				Arts
				Science
				CommerceBusiness
				Education
				PhysEd
				EngineerAppScience
				EnvStudies
				FineAppArts
				Forestry
				HouseholdScience
				Journalism
				LandscapeArch
				Music
				Nursing
				Optometry
				Pharmacy
				RehabMed
				SocialWork
				VetMed
				OtherAdmin
				OtherDegree
				SpecGR12

			<u> </u>	DP	
				Prelim	
				Diploma	
				Mathematics	
				Ineligible	
Comment: This field element			T		
ProgramLocalCode	Required	Code used to identify	Required	minOcc	1
		the program		maxOcc	1
		registered to at the		minLength	2
		university.		maxLength	3
		eld of the HSTAT98P file. The der element 715 and Appendi		or program codes is	;
ProgramYearLevel	Required	Registered year level	Required	minOcc	1
i rogrami careever	Required	of Study for the	Required	maxOcc	1
		•			_
		applicant's		Enumeration	S:
		university/program		PreLim	
		selection		FirstYear	
				AnyYearAbov	
Manual under element 735.	nt matches the REGYRL	. field of the HSTAT98P. Furth	ner detail can be found	d in the OUAC Syste	em
RegisteredSession	Required	The specific term or	Required	minOcc	1
		session for which the		maxOcc	1
		applicant is			
		registered for			
Comment: Further element	t details can be found o				
ProgramType	Required	Records whether the	Required	minOcc	1
7,50		program to which the		maxOcc	1
		applicant is		Enumeration	_
		registered to is a			
				OUACApplica DiplomaFallFu	
		non-fall program or is		·	
		at the diploma, first		FirstYearFallF	
		year or advanced		AdvStandCho	ice
		standing level		AdvStandDef	
				Returning	
				InvalidNotRe	gistered
Comment: This field elemer	nt matches the REGPTP	field of the HSTAT98P. OUA	CApplicant is the enun		
		s. Returning refers to a regist			
previously attended.					
RegistrantType	Required	Records whether the	Required	minOcc	1
		registered applicant		maxOcc	1
		is a new registrant or		Enumeration	s:
		a previous registrant		InSystem	
		, 11 10 11		OutOfSystem	
				Continuing	
				_	Ч
Commant. This field clamer	at matches the DECTVD	field of the HSTAT98P. For fu	urthan information con	NotRegistered	
		m Manual under element 730		icerning the classif	ication
NoteMessage	Optional	Additional	Not	minOcc	0
5	Repeatable	information about	Recommended	maxOcc	∞
		the applicant's	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	minLength	1
		registration		maxLength	80
	i	i egisti ation	1	IIIaxLeligui	οU

Board.School.Applicant.RegisteredData.RegisteredDegreeProgram (Continued)

- <RegisteredDegreeProgram>
 - <AcademicProgramCodeGroup>Arts</AcademicProgramCodeGroup>
- <ProgramLocalCode>ART</ProgramLocalCode>
- <ProgramYearLevel>FirstYear</ProgramYearLevel>
- <RegisteredSession>
- </RegisteredSession>
- <ProgramType>DiplomaFallFull</ProgramType>
- <RegistrantType>InSystem</RegistrantType>
- </RegisteredDegreeProgram>

Board. School. Applicant. Registered Data. Registered Degree Program. Registered Session



Tag Name	Schema Use	Description	Recommended Use	Format
SessionDesignator	Optional	The academic session	Not	minOcc 1
		to which the applicant	Recommended	maxOcc 1
		is applying		YearMonth (ccyy-
				mm)
Comment: The session designation	gnator is used to indicate	the starting year and mor	nth of major academic ter	ms within the school's
calendar. For example, a typ	oical fall term would begin	n in August or September.	So for a fall term that be	gins in September of
the year 2011, the value of t	his field would be "2011-	09".		
SessionName	Required	Name of session	Required	minOcc 1
				maxOcc 1
				Enumerations:
				Fall
				Winter
				Spring
				Summer
Comment: For example, "Fa	Il", "Winter" or "Spring".	This field element match	es the REGENR field of the	e HSTAT98P
NoteMessage	Optional	Additional	Not	minOcc 0
	Repeatable	information about the	Recommended	maxOcc ∞
		Academic Session		minLength 1
				maxLength 80

Code Illustration:

<RegisteredSession> <SessionName>Fall</SessionName> </RegisteredSession>

Appendix A

State and Province Codes				
Sorted by State a	nd Province Code			
State and Province Code	State and Province Name			
AA	Military – Americas			
AB	Alberta			
AE	Military – Europe			
AK	Alaska			
AL	Alabama			
AP	Military – Pacific			
AR	Arkansas			
AS	American Samoa			
AZ	Arizona			
BC	British Columbia			
CA	California			
CO	Colorado			
СТ	Connecticut			
CZ	Canal Zone			
DC	District of Columbia			
DE	Delaware			
FL	Florida			
FM	Federated States of Micronesia			
GA	Georgia			
GU	Guam			
HI	Hawaii			
IA	Iowa			
ID	Idaho			
IL	Illinois			
IN	Indiana			
KS	Kansas			
KY	Kentucky			
LA	Louisiana			
MA	Massachusetts			
MB	Manitoba			
MD	Maryland			
ME	Maine			
MH	Marshall Islands			
MI	Michigan			
MN	Minnesota			
MO	Missouri			
MP	Northern Mariana Islands			
MS	Mississippi			
MT	Montana			
NB	New Brunswick			
NC	North Carolina			
ND	North Dakota			
NE	Nebraska			
NF	Newfoundland			
NH	New Hampshire			
NJ	New Jersey			

NL	Newfoundland and Labrador
NM	New Mexico
NS	Nova Scotia
NT	Northwest Territories
NU	Nunavut
NV	Nevada
NY	New York
ОН	Ohio
ОК	Oklahoma
ON	Ontario
OR	Oregon
PA	Pennsylvania
PE	Prince Edward Island
PR	Puerto Rico
PW	Republic of Palau
QC	Quebec
RI	Rhode Island
SC	South Carolina
SD	South Dakota
SK	Saskatchewan
TN	Tennessee
TX	Texas
UT	Utah
VA	Virginia
VI	Virgin Islands
VT	Vermont
WA	Washington
WI	Wisconsin
WV	West Virginia
WY	Wyoming
YT	Yukon

Appendix B

Country Codes (ISO 3166-1 alpha-2) Sorted by Country Name			
Country Code	Country Name		
AD	Andorra		
AF	Afghanistan		
AX	Åland Islands		
AL	Albania		
DZ	Algeria		
AS	American Samoa		
AO	Angola		
Al	Anguilla		
AQ	Antarctica		
AG	Antigua And Barbuda		
AR	Argentina		
AM	Armenia		
AW	Aruba		
AU	Australia		
AT	Austria		
AZ	Azerbaijan		
BS	Bahamas		
ВН	Bahrain		
BD	Bangladesh		
ВВ	Barbados		
ВУ	Belarus		
BE	Belgium		
BZ	Belize		
BJ	Benin		
BM	Bermuda		
BT	Bhutan		
ВО	Bolivia		
BA	Bosnia And Herzegovina		
BW	Botswana		
BV	Bouvet Island		
BR	Brazil		
10	British Indian Ocean Territory		
BN	Brunei Darussalam		
BG	Bulgaria		
BF	Burkina Faso		
BI	Burundi		
KH	Cambodia		
CM	Cameroon		
CA	Canada		
CV	Cape Verde		
KY	Cayman Islands		
CF	Central African Republic		
TD	Chad		
CL	Chile		
CN	China		
CX	Christmas Island		
CC	Cocos (Keeling) Islands		

KM Compos CG Congo CD Congo, The Democratic Republic Of The CK Cook Islands CR Costa Rica CI Cote D'Ivoire HR Croatia CU Cuba CY Cyprus C2 Czech Republic DK Demark DJ Dibouti DM Dominica DO Dominica DO Dominica Republic EC Euador EG Esypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia EE Estonia EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FI Fig FR Farch Sultrem Territories FR Fench Guina FF French Guina FF French Guinar	СО	Colombia
CG Congo The Democratic Republic Of The CK Cook Islands CR Costs Rica CI Cote D'ivoire HR Croatia CU Cuba CY Cyprus CZ Czech Republic DK Denmark DJ Ojibouti DM Dominican Republic EC Eucador EG Egypt EC Eudor EG Egypt SV El Salvador ER Eritrea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Farce Islands FJ Fji FI Fji FR France GF French Guiana PF French Guiana PF French Folymesia FT French Fountern Territories GA Gabon		
Congo. The Democratic Republic Of The CK		
CK Costs Rica CI Costa Rica CI Cote D'ivoire HR Croatia CU Cuba CY Cyprus C2 Czech Republic DK Denmark DJ Djibouti DM Dominica DO Dominica DO Dominica EC Ecuador EG Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FJ Fij FI Fij FI Fij FI Finland FR France GF French Guiana FF French Polynesia FF French Polynesia GR Germany	CD	
CR Coste Drivoire HR Costa CU Cuba CY Cyprus CZ Czech Republic DK Denmark DJ Djibouti DM Dominican Republic EC Ecador EG Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FI Filipia FI Finiand FR Frence Roliana FF French Polynesia FF French Polynesia FF French Polynesia GG Gabon GM Gabon GM Garbana GI Gibraltar GG Germany GH Greece GL Greendad GP		
New York Commons Com		Costa Rica
CV Cybrus CZ Czech Republic DK Denmark DJ Djibouti DM Dominica DO Dominica Republic EC Ecuador EG Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Farce Islands FI Fili FI Finland FR Farce Islands FJ Fili FI Finland FR France Grands FF France Guina FF France Foliuna FF Franch Polynesia GF Franch Polynesia </td <td>CI</td> <td>Cote D'ivoire</td>	CI	Cote D'ivoire
CY Cyprus CZ Czech Republic DK Denmark DJ Djibouti DM Dominica DO Dominican Republic EC Ecuador EG Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkalad Islands (Malvinas) FO Faroel Islands FD Falkalad Islands (Malvinas) FO Faroel Islands FD Fili FI Fili FI Fili FR Faroce Islands FF Fili FR Faroce Islands FF Fili FR France FF France Guilands FF France Guilands FF France Guilands FF France Folynesia FF France Folynesia <td>HR</td> <td>Croatia</td>	HR	Croatia
CZ Czech Republic DK Denmark DJ Djibouti DM Dominica DO Dominica Republic EC Ecuador EG Egypt SV EI Salvador GQ Equatorial Guinea ER Eritrea ER Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Farece Islands FJ Fiji FI Filnand FR France FF Franch Guina FR Franch Guina FF French Polynesia TF French Southern Territories GA Gabon GM Gabon GM Gabon GM Gabon GM Gabon GM Gabon GM Gabria GE Georgia GE Georgia GH Gr	CU	Cuba
DK Denmark DJ Djbouti DM Dominica DO Dominica EC Ecuador EC Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkand Islands (Malvinas) FO Faroe Islands FJ Fiji FI Finand FR France FF France FF France GF French Guina FF French Polynesia FF French Polynesia FF French Southern Territories GA Gabon GM Gambia GE Georgia GE Georgia GE Georgia GE Georgia GR Greece GI Gineala GR Greece	СУ	Cyprus
DJ Djibouti DM Dominican DO Dominican Republic EC Ecuador EG Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FI Fill FI Finland FR Farce Islands FI Finland FR France FF France GF French Guina FF French Guina FF French Olynesia FF French Olynesia FF French Southern Territories GA Gabon GM Gambia GE Georgia DE Georgia GE Georgia GE Georgia GR Gereand GR <td>CZ</td> <td></td>	CZ	
DM Dominica DO Dominican Republic EC Ecuador EG Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FI Fiji FI Finland FR France FF French Guiana FF French Guiana FF French Polynesia FF French Southern Territories GA Gabon GA Gabon GA Gabon GE Georgia GE Georgia GE Georgia GE Georgia GE Gerea GI Gibratar GR Greece GL Greenada GD Greenada GD G	DK	Denmark
DO Dominican Republic EC Ecuador EG Egypt SV EI Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FJ Fiji FI Fiji FR France FF France GF France FF French Guina FF French Folynesia FF French Polynesia FF French Polynesia GR Gabon GM Gambia GE Georgia GI Ginate	DJ	Djibouti
EC Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Farce Islands FJ Fiji FI Finiland FR France GF French Guiana FR French Polynesia FF French Polynesia FF French Southern Territories GA Gabon GA Gabon GE Georgia	DM	
EG Egypt SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FJ Fijj FI Fijj FI Finland FR France GF France GF French Guiana FF French Polynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GR Greece GL Greenland GP Guadeloupe GU Guarneay GN Guernsey GN Guinea Bissau GY Guyana<	DO	Dominican Republic
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SV El Salvador GQ Equatorial Guinea ER Eritrea EE Estonia ET Ethopia FK Falkland Islands (Malvinas) FO Faroe Islands FJ Fill FI Finland FR Finland FR France GF French Guina PF French Guina PF French Folynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia GE Georgia GE Georgia GH Ghana GI Gibraltar GI Gibraltar GR Greece GL Greenland GD Greenada GP Guadeloupe GU Guarma GG Guernsey GN Guinea GW Guine	EG	Egypt
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ER Eritrea EE Estonia ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FI Fill FI Finland FR France GF French Guiana PF French Folynesia TF French Southern Territories GA Gabon GA Gambia GE Georgia GE Georgia GE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GW Guinea Bissau GY Guyana HT Hati HM Heard Island And		Equatorial Guinea
ET Ethiopia FK Falkland Islands (Malvinas) FO Faroe Islands FJ Fiji FI Finland FR France GF French Guiana PF French Polynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia GE Georgia GE Georgia GH Ghana GI Ghana GI Gibraltar GR Greece GL Greenland GD Greenada GP Guadeloupe GU Guam GT Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Halit HM Heard Island And Mcdona	ER	Eritrea
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FK Falkland Islands (Malvinas) FO Faroe Islands FI Fiji FI Finland FR France GF French Guinna FF French Polynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Greenland GP Guadeloupe GU Guam GT Guateloupe GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haliti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary	ET	Ethiopia
FJ Fiji FI Finland FR France GF French Guiana PF French Polynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Greenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Halti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN Indical Indical	FK	Falkland Islands (Malvinas)
FI Finland FR France GF French Guiana PF French Polynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia GE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Greenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea GW Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS	FO	Faroe Islands
FR France GF French Guiana PF French Polynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Grenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Hondruas HK Hong Kong HU Hungary IS Iceland IN India Indonesia	FJ	Fiji
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PF French Polynesia TF French Southern Territories GA Gabon GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India Indonesia	FR	France
TF French Southern Territories GA GA Gabon GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GN G	GF	French Guiana
GA Gabon GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Greenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland ID Indoesia	PF	French Polynesia
GM Gambia GE Georgia DE Germany GH Ghana GI Gibraltar GR Greece GL Greenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India Indoesia		
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GI Gibraltar GR Greece GL Greenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea GY Guinea HT Haiti HMM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HK Hong Kong HU Hungary IS Iceland IIN India India IID India	DE	
GR Greece GL Greenland GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Hong Kong HU Hungary IS Iceland IN India ID Indonesia	GH	
GL Greenland GD Greenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea GY Guinea GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India India	GI	Gibraltar
GD Grenada GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India Indonesia		Greece
GP Guadeloupe GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India ID Indonesia		
GU Guam GT Guatemala GG Guernsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India ID Indonesia		
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GG Gurnsey GN Guinea GW Guinea Bissau GY Guyana HT Haiti HMM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India Indonesia		
GN Guinea GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India Indonesia		
GW Guinea Bissau GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India Indonesia		
GY Guyana HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India ID Indonesia		
HT Haiti HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India		
HM Heard Island And Mcdonald Islands VA Holy See (Vatican City State) HN Honduras HK Hong Kong HU Hungary IS Iceland IN India ID Indonesia		
VAHoly See (Vatican City State)HNHondurasHKHong KongHUHungaryISIcelandINIndiaIDIndonesia	НТ	
HN Honduras HK Hong Kong HU Hungary IS Iceland IN India ID Indonesia		Heard Island And Mcdonald Islands
HK Hong Kong HU Hungary IS Iceland IN India ID Indonesia		
HU Hungary IS Iceland IN India ID Indonesia		
IS Iceland IN India ID Indonesia	HK	Hong Kong
IN India ID Indonesia		Hungary
ID Indonesia	IS	
		India
IR Iran, Islamic Republic Of	ID	Indonesia
	IR	Iran, Islamic Republic Of

IQ	Iraq
IE IE	Ireland
IM	Isle of Man
IL IL	Israel
IT	Italy
JM	Jamaica
JP	Japan
JE	Jersey
JO	Jordan
KZ	Kazakhstan
KE	Kenya
KI	Kiribati
KP	Korea, Democratic People's Republic Of
KR	Korea, Republic Of
KW	Kuwait
KG	Kyrgyzstan
LA	Lao People's Democratic Republic
LV	Latvia
LB	Lebanon
LS	Lesotho
LR	Liberia
LY	Libyan Arab Jamahiriya
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MO	Macao
MK	Macedonia, The Former Yugoslav Republic Of
MG	Madagascar
MW	Malawi
MY	Malaysia
MV	Maldives
ML	Mali
MT	Malta
MH	Marshall Islands
MQ	Martinique
MR	Mauritania
MU	Mauritius
YT	
MX	Mayotte
FM	Mexico
	Mexico Micronesia, Federated States Of
MD	Mexico Micronesia, Federated States Of Moldova, Republic Of
MC	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco
MC MN	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia
MC MN ME	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro
MC MN ME MS	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat
MC MN ME MS MA	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco
MC MN ME MS MA MZ	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco Mozambique
MC MN ME MS MA MZ MM	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco Mozambique Myanmar
MC MN ME MS MA MZ MMM NA	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco Mozambique Myanmar Namibia
MC MN ME MS MA MZ MM NA NR	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco Mozambique Myanmar Namibia Nauru
MC MN ME MS MA MZ MM NA NR NP	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco Mozambique Myanmar Namibia Nauru Nepal
MC MN ME MS MA MZ MMM NA NR NP NL	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco Mozambique Myanmar Namibia Nauru Nepal Netherlands
MC MN ME MS MA MZ MM NA NR NP NL AN	Mexico Micronesia, Federated States Of Moldova, Republic Of Monaco Mongolia Montenegro Montserrat Morocco Mozambique Myanmar Namibia Nauru Nepal Netherlands Netherlands Antilles
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l NE	Niger
NG	Nigeria
NU	Niue
NF .	Norfolk Island
MP	Northern Mariana Islands
NO NO	Norway
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OM	Oman Pakistan
PK	
PW	Palau
PS	Palestinian Territory, Occupied
PA	Panama
PG	Papua New Guinea
РҮ	Paraguay
PE	Peru
PH	Philippines
PN	Pitcairn
PL	Poland
PT	Portugal
PR	Puerto Rico
QA	Qatar
RE	Reunion
RO	Romania
RU	Russian Federation
RW	Rwanda
BL	Saint-Barthélemy
SH	Saint Helena
KN	Saint Kitts And Nevis
LC	Saint Lucia
MF	Saint Martin (French Part)
PM	Saint Pierre And Miquelon
VC	Saint Vincent And The Grenadines
WS	Samoa
SM	San Marino
ST	Sao Tome And Principe
SA	Saudi Arabia
SN	Senegal
RS	Serbia
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CS	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS)
CS SC	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles
CS SC SL	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone
CS SC SL SG	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore
SC SL SG SK	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia
SC SL SG SK SI	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia
SC SL SG SK SI SB	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands
CS SC SL SG SK SI SB SO	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia
CS SC SL SG SK SI SB SO ZA	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia South Africa
CS SC SL SG SK SI SB SO ZA GS	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia South Africa South Georgia And The South Sandwich Islands
CS SC SL SG SK SI SB SO ZA GS ES	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia South Africa South Georgia And The South Sandwich Islands Spain
CS SC SL SG SK SI SB SO ZA GS ES LK	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia South Africa South Georgia And The South Sandwich Islands Spain Sri Lanka
SC SL SG SK SI SB SO ZA GS ES LK SD	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia South Africa South Georgia And The South Sandwich Islands Spain Sri Lanka Sudan
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SC SL SG SK SI SB SO ZA GS ES LK SD SR SJ SR SJ	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia South Africa South Georgia And The South Sandwich Islands Spain Sri Lanka Sudan Suriname Svalbard And Jan Mayen
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SC SL SG SK SI SB SO ZA GS ES LK SD SR SJ SR SJ	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) Seychelles Sierra Leone Singapore Slovakia Slovenia Solomon Islands Somalia South Africa South Georgia And The South Sandwich Islands Spain Sri Lanka Sudan Suriname Svalbard And Jan Mayen

SY	Syrian Arab Republic
TW	Taiwan, Province Of China
TJ	Tajikistan
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TZ	Tanzania, United Republic Of
TH	Thailand
TL	Timor Leste
TG	Togo
TK	Tokelau
ТО	Tonga
Π	Trinidad And Tobago
TN	Tunisia
TM	Turkmenistan
TC	Turks And Caicos Islands
TV	Tuvalu
UG	Uganda
UA	Ukraine
AE	United Arab Emirates
GB	United Kingdom
US	United States
UM	United States Minor Outlying Islands
UY	Uruguay
UZ	Uzbekistan
VU	Vanuatu
VE	Venezuela
VN	Viet Nam
VG	Virgin Islands, British
VI	Virgin Islands, U.S.
WF	Wallis And Futuna
EH	Western Sahara
YE	Yemen
ZM	Zambia
ZW	Zimbabwe

Appendix C

Ontario Counties Ontario Counties, Districts, and Municipalities (Element - COUBoardCountyRegion)		
42	County of Essex	
91	County of Frontenac	
53	County of Grey	
65	Regional Municipality of Haldimand-Norfolk	
81	Provisional County of Haliburton	
72	Regional Municipality of Halton	
66	Regional Municipality of Hamilton-Wentworth	
92	County of Hastings	
43	County of Huron	
11	District of Kenora	
44	County of Kent	
45	County of Lambton	
01	County of Lanark	
93	United Counties of Leeds & Grenville	
94	County of Lennox & Addington	
22	District of Manitoulin	
46	County of Middlesex	
32	The District Municipality of Muskoka	
62	The Regional Municipality of Niagara	
33	District of Nipissing	
90	County of Northumberland	
02	The Regional Municipality of Ottawa-Carleton	
55	County of Oxford	
34	District of Parry Sound	
73	Regional Municipality of Peel	
56	County of Perth	
96	County of Peterborough	
03	United Counties of Prescott & Russell	
97	County of Prince Edward	
12	District of Rainy River	
04	County of Renfrew	
74	County of Simcoe	
05	United Counties of Stormont, Dundas & Glengarry	
27	District of Sudbury	
28	Regional Municipality of Sudbury	
13	District of Thunder Bay	
15	Regional Municipality of Thunder Bay	
35	District of Timiskaming	
76	The Municipality of Metropolitan Toronto	
83	County of Victoria	
57	Regional Municipality of Waterloo	
58	County of Wellington	
84	The Regional Municipality of York	
99	Ontario - Province only (County not reported)	
	For SBCNTY	
80	East York board	
86	Etobicoke Board	
82	North York Board	

87	Scarborough Board
88	Toronto Board
89	York Board

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