XML Implementation Guide

Historical Statisical File

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Version: 4.4
11/27/2013

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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.

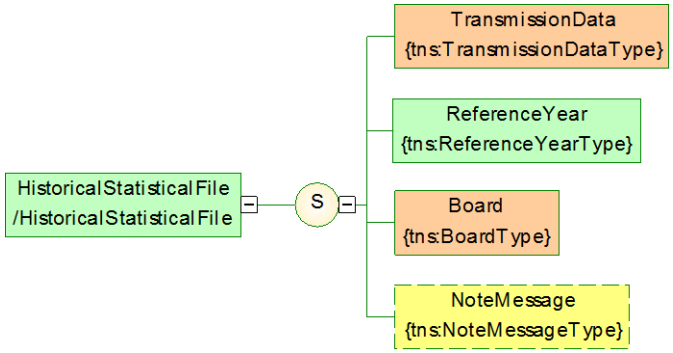
There are two flags that have been removed from our OUAC-defined XML format that existed in its predecessor. The flags "Confirmed Indicator" and "Registered Indicator" were necessary for an RPG flat file format but not necessary in an XML based file format.

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>

</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:

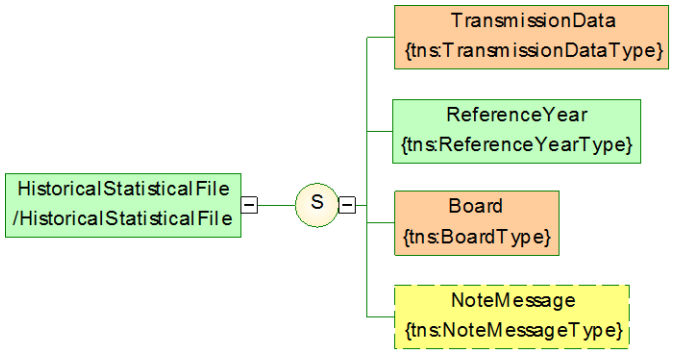
```
<NoteMessage/>
```

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

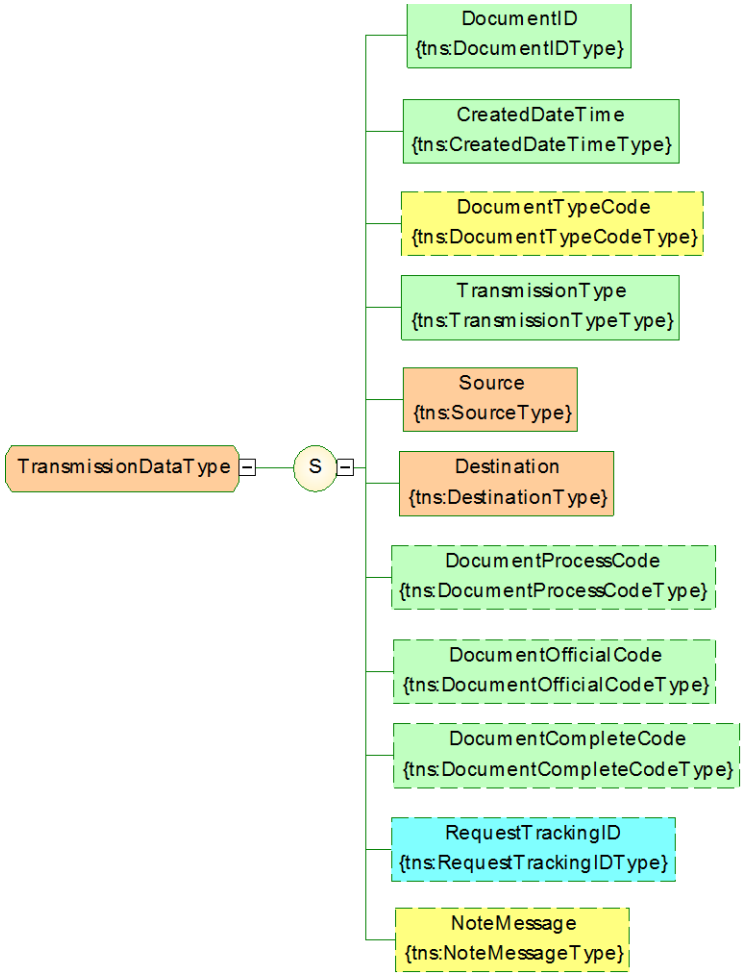


Tag Name	Schema Use	Description	Recommended Use	Format
TransmissionData	Required	Routing and Header Information	Required	minOcc 1 maxOcc 1
Comment: Detailed information about this complex data element to follow on page 10				
ReferenceYear	Required	Defines the application cycle that the document references.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

<HistFile:HistoricalStatisticalFile
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 stamp with additional unique qualifying characteristics	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 35
CreatedDateTime	Required	The Date and Time stamp when the document was created	Required	minOcc 1 maxOcc 1 xs: datetime ccyy-mm-ddThh:ll:ss(+-GMT)
DocumentTypeCode	Optional	Type and Purpose of document being transmitted	Not Recommended	minOcc 1 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				

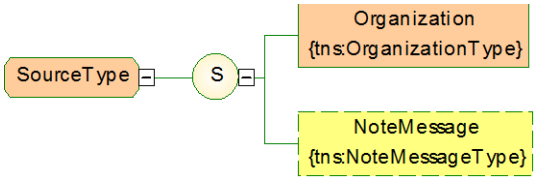
TransmissionType	Required	The nature of the transmission	Required	minOcc 1 maxOcc 1 **Enumerations:** Duplicate Original Reissue Replace Resubmission
Comment: The typical value used would be "Original"				
Source	Required	This field is required and essential to indicate the agency, vendor, or company that is transmitting the file.	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded on page 13. The source will typically be the Ontario Universities' Application Centre (OUAC)				
Destination	Required	This field is required and essential to indicate the agency, vendor, or company that is receiving the file.	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded on page 23				
DocumentProcessCode	Optional	This element indicates a TEST or PRODUCTION	Required if "TEST" "PRODUCTION" implied, not recommended	minOcc 0 maxOcc 1 **Enumerations:** TEST PRODUCTION
Comment: During initial testing or whenever any new changes to format are issued, the value "TEST" would be included. After the testing phase is completed, then this optional data element would not be included.				
DocumentOfficialCode	Optional	This element indicates if the document is unofficial. Unofficial documents may be produced for reference purposes, but may not be binding	Required if "Unofficial" "Official" implied, not recommended and not sent by OUAC	minOcc 0 maxOcc 1 **Enumerations:** Official Unofficial
Comment: Since the transmission of this type are considered official, this optional data element would not normally be included				
DocumentCompleteCode	Optional	This element indicates whether the document conveys a complete record. Partial records may be produced for information that is recorded in multiple media or formats	Required if not complete "Complete" is implied, not recommended and not sent by OUAC	minOcc 0 maxOcc 1 **Enumerations:** Partial Complete
Comment: Since all transmissions of this type are considered complete, this optional data element is not normally be included.				
RequestTrackingID	Optional	The unique ID associated with a request action that is returned to the requestor for document matching and tracking	Optional – not sent by OUAC	minOcc 0 maxOcc 1 minLength 1 maxLength 35
Comment: This is a number created by the source so that the version of the file can be received and easily matched with this transmission. It may not normally be required if a limited number of the files are created. This number may be exchanged manually, not using an automated process.				
NoteMessage	Optional Repeatable	Additional information about the transmission	Not Recommended	minOcc 0 maxOcc ∞ minLength 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

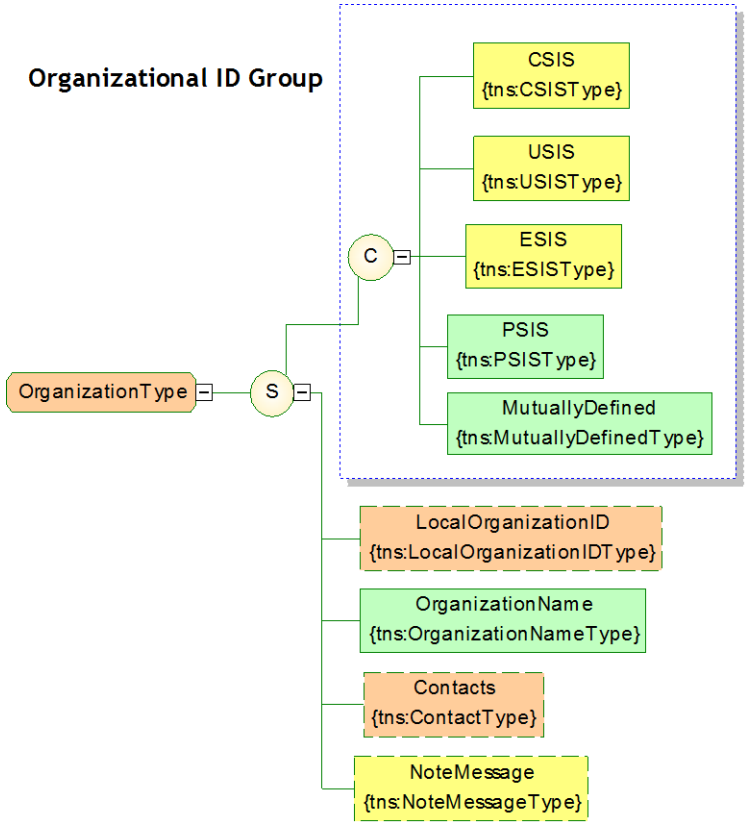


Tag Name	Schema Use	Description	Recommended Use	Format
Organization	Required	Non-person entity such as Organization, Institution, Agency, or Business	Required	minOcc 1 maxOcc 1
Comment: Expanded information about any organization will be provided on page 14. The source Organization is usually Ontario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

Code Illustration:

```
<Source>
  <Organization>
  </Organization>
</Source>
```

TransmissionData.Source.Organization



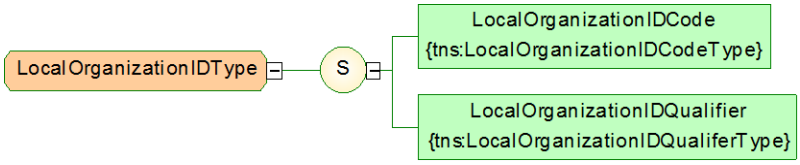
Tag Name	Schema Use	Description	Recommended Use	Format
[OrganizationIDGroup]	Required	Allowable Organization Ids – Exclusive Choice	Required	minOcc 1 maxOcc 1
Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires a choice of one, and only one, of the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

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 choice	This unique identifier assigned by the Statistics Canada Postsecondary Student Information System for each postsecondary exchange partner	Recommended Choice - not sent by OUAC	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: This code set is the preferred code set to identify postsecondary schools in Canada.				
MutuallyDefined	Required choice	A special code set agreed upon in advance by trading partners in the exchange to identify selected trading partners	Recommended Choice	minOcc 0 maxOcc 1 minLength 1 maxLength 60
Comment: MutuallyDefined would be appropriate to identify a company or other agency which does not have one of the other allowable codes in this choice element. However, it must be interpreted correctly by the destination school or agency.				
Comment: End of OrganizationIDGroup choice set tags				
LocalOrganizationID	Optional	A code set to more specifically identify the sending organization	Not Recommended	minOcc 0 maxOcc 1
Comment: Additional information about the complex data element Local Organization ID will be shown on page 16				
OrganizationName	Optional Repeatable	Name of the non-person entity such as organization, institution, or Agency	Recommended	minOcc 0 maxOcc ∞ minLength 1 MaxLength 60
Comment: This is the name of the sending company, vendor, school or agency. It is repeatable so that either a longer name can be included, or more specific parts of the organization can be included.				
Contacts	Optional Repeatable	To identify a person or office at the sending agency to which administrative communications should be directed	Recommended	minOcc 0 maxOcc ∞
Comment: Additional information about the complex data element Contacts will be shown on page 17				
NoteMessage	Optional Repeatable	Additional information about the organization	Not Recommended	minOcc 0 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:

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

TransmissionData.Source.Organization.LocalOrganizationID

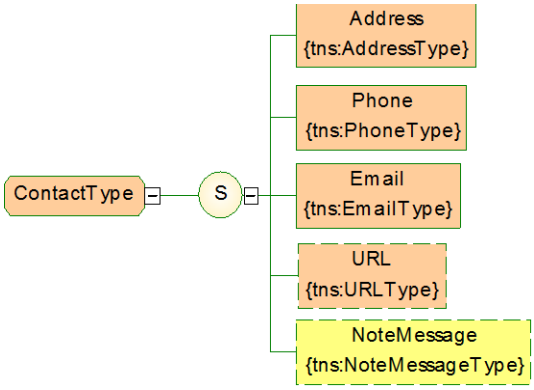


Tag Name	Schema Use	Description	Recommended Use	Format
LocalOrganizationIDCode	Required	The code assigned for the sending organization by the province or other mutually defined agency specified in the LocalIDQualifier that follows.	Required – not sent by OUAC	minOcc 1 maxOcc 1 minLength 1 maxLength 35
Comment: This is a required element only if the Local Organization ID complex data element is sent. This will typically be **'OUAC'**				
LocalOrganizationIDQualifier	Required	This is the state or province that assigned the LocalOrganizationIDCode above.	Required – not sent by OUAC	minOcc 1 maxOcc 1 **Enumerations:** 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

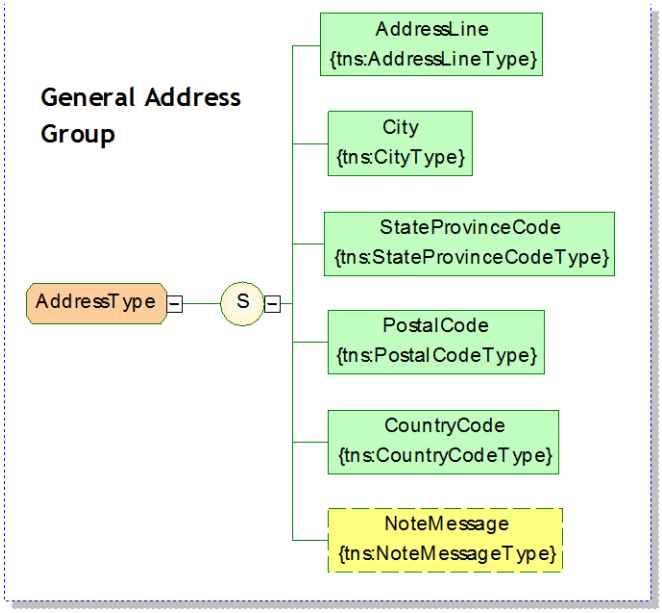


Tag Name	Schema Use	Description	Recommended Use	Format
Address	Optional Repeatable	Address of source organization	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded on page 18.				
Phone	Optional Repeatable	Phone Number of source organization	Recommended	minOcc 0 maxOcc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

TransmissionData.Source.Organization.Contacts.Address



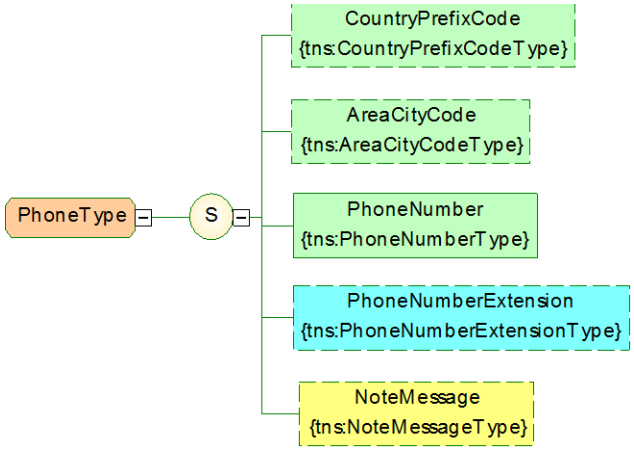
Tag Name	Schema Use	Description	Recommended Use	Format
GeneralAddressGroup	Required	This Address Group for items common to all Addresses	Required	minOcc 1 maxOcc 1
Comment: This group is required in the schema only if you choose to send the address of the contact				
AddressLine	Required Repeatable	Local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

				See Appendix B
NoteMessage	Optional Repeatable	Additional information about the addresses of the contacts at the source school	Not Recommended	minOcc 0 maxOcc ∞ 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>
```

TransmissionData.Source.Organization.Contacts.Phone

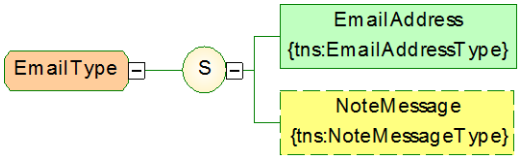


Tag Name	Schema Use	Description	Recommended Use	Format
CountryPrefixCode	Optional	International dialing code	Recommended - not sent by OUAC	minOcc 0 maxOcc 1 minLength 1 maxLength 3
AreaCityCode	Optional	Regional dialing code	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 5
PhoneNumber	Required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

Code Illustration:

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

TransmissionData.Source.Organization.Contacts.Email

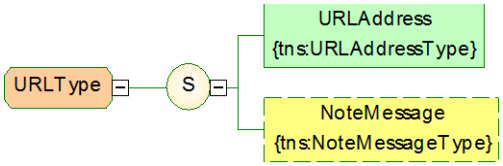


Tag Name	Schema Use	Description	Recommended Use	Format
EmailAddress	Required	The numbers, letters, and symbols used to identify an electronic mail (email) user within a network	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 128
NoteMessage	Optional Repeatable	Additional information about the email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

Code Illustration:

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

TransmissionData.Source.Organization.Contacts.URL

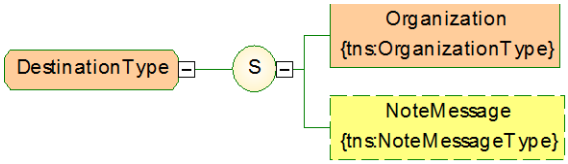


Tag Name	Schema Use	Description	Recommended Use	Format
URLAddress	Required	The Uniform Resource Locator (URL) address of the sending organization or of a contact at the sending organization	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 512
NoteMessage	Optional Repeatable	Additional information about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

Code Illustration:

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

TransmissionData.Destination

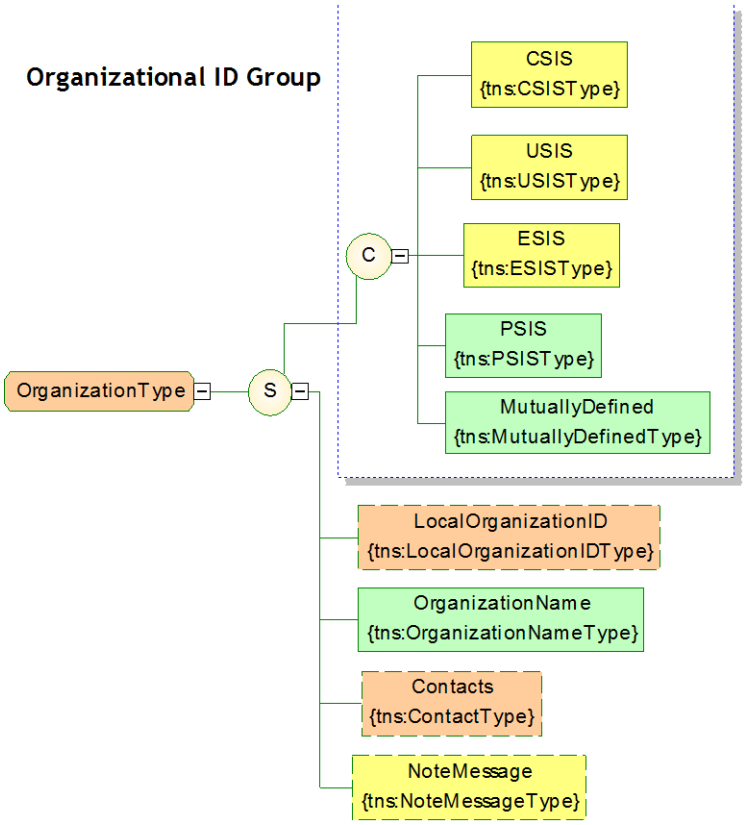


Tag Name	Schema Use	Description	Recommended Use	Format
Organization	Required	Non-person entity such as Organization, Institution, Agency, or Business	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded on page 24.				
NoteMessage	Optional Repeatable	Additional information destination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

Code Illustration:

<Destination>
<Organization>
</Organization>
</Destination>

TransmissionData.Destination.Organization



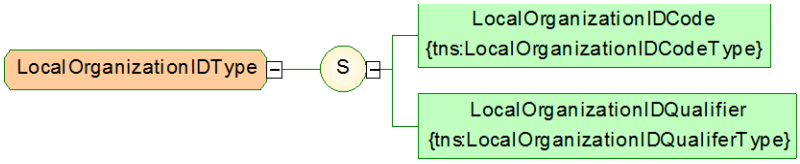
Tag Name	Schema Use	Description	Recommended Use	Format
[OrganizationIDGroup]	Required	Allowable Organization Ids – Exclusive Choice	Required	minOcc 1 maxOcc 1
Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires the choice of one, and only one, of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

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 choice	The unique identifier assigned by the Statistics Canada Postsecondary Student Information System for each data postsecondary exchange partner.	Recommended - not sent by OUAC	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: This code set is the preferred code set used to identify postsecondary schools in Canada.				
MutuallyDefined	Required choice	This code set could be used by prior agreement with a previously agreed upon set of trading partners, usually within a province, or within a group of several provinces.	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 60
Comment MutuallyDefined would be appropriate to identify a company or other agency which does not have one of the other allowable codes in this choice element. However, it must be interpreted correctly by the destination school or agency.				
Comment: End of OrganizationIDGroup choice set tags				
LocalOrganizationID	Optional	A code set to more specifically identify the destination organization	Optional – not sent by OUAC	minOcc 0 maxOcc 1
Comment: Additional information about the complex data element Local Organization ID will be shown on page 26				
OrganizationName	Optional Repeatable	Name of Non-person entity such as Organization.	Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 60
Comment: This is the name of the receiving company, vendor, school or agency. It is repeatable so that either a longer name can be included, or more specific parts of the organization can be included.				
Contacts	Optional Repeatable	To identify a person or office at the destination agency to which administrative communications should be directed	Recommended	minOcc 0 maxOcc ∞
Comment: Additional information about the complex data element Contacts will be shown on page 27				
NoteMessage	Optional Repeatable	Additional information about the organization	Not Recommended	minOcc 0 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:

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

TransmissionData.Destination.Organization.LocalOrganizationID

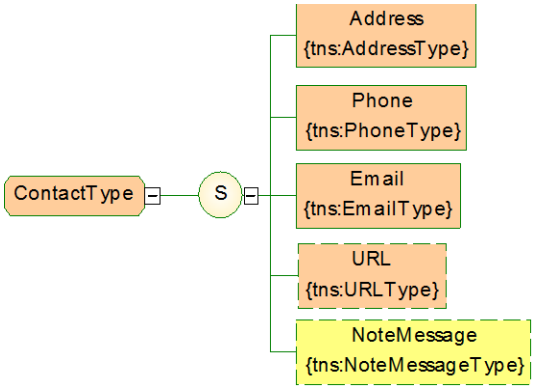


Tag Name	Schema Use	Description	Recommended Use	Format
LocalOrganizationIDCode	Required	The code assigned for the destination organization by the province in the LocalIDQualifier that follows	Required - not sent by OUAC	minOcc 1 maxOcc 1 minLength 1 maxLength 35
Comment**:** This is a required data element 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 assigned the Local ID Code above	Required - not sent by OUAC	minOcc 1 maxOcc 1 **Enumerations:** 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

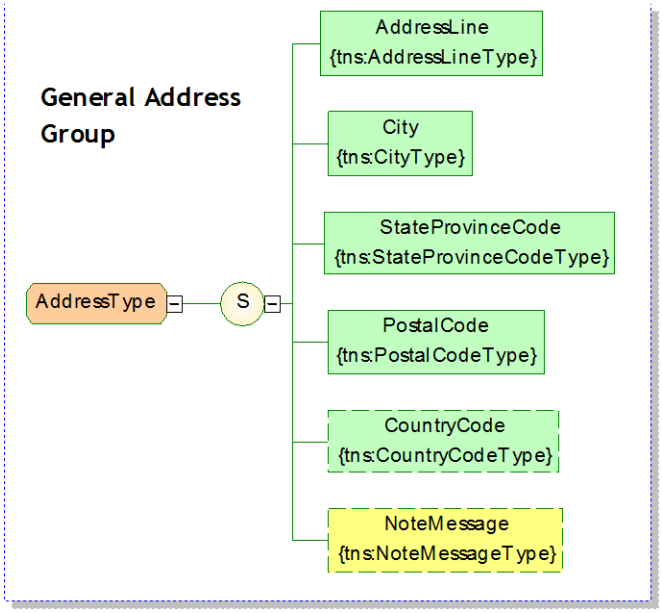


Tag Name	Schema Use	Description	Recommended Use	Format
Address	Optional Repeatable	Address of destination organization	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded on page 28.				
Phone	Optional Repeatable	Phone Number of destination organization	Recommended	minOcc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

TransmissionData.Destination.Organization.Contacts.Address



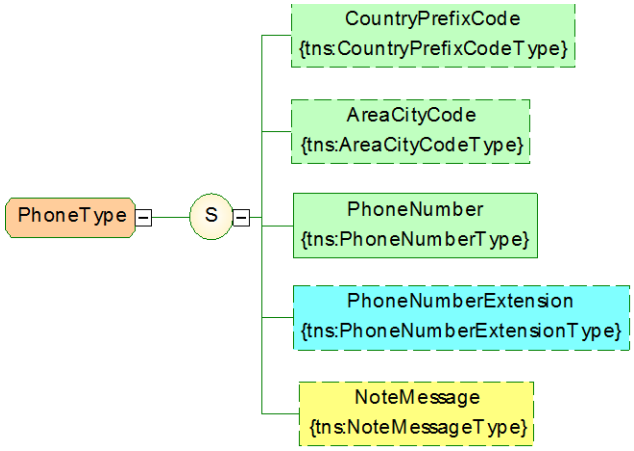
Tag Name	Schema Use	Description	Recommended Use	Format
GeneralAddressGroup	Required	This Address Group for items common to all Addresses	Required	minOcc 1 maxOcc 1
Comment: This group is required in the schema only if you choose to send the address of the contact				
AddressLine	Required Repeatable	Local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

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

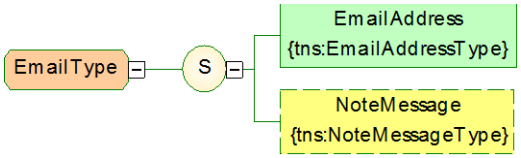


Tag Name	Schema Use	Description	Recommended Use	Format
CountryPrefixCode	Optional	International dialing code	Recommended - not sent by OUAC	minOcc 0 maxOcc 1 minLength 1 maxLength 3
AreaCityCode	Optional	Regional dialing code	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 5
PhoneNumber	Required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

Code Illustration:

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

TransmissionData.Destination.Organization.Contacts.Email

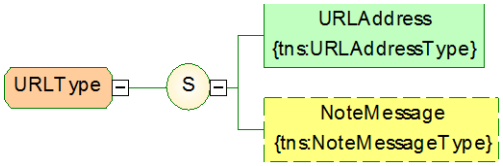


Tag Name	Schema Use	Description	Recommended Use	Format
EmailAddress	Required	The numbers, letters, and symbols used to identify an electronic mail (email) user within a network	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 128
NoteMessage	Optional Repeatable	Additional information about the email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

Code Illustration:

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

TransmissionData.Destination.Organization.Contacts.URL

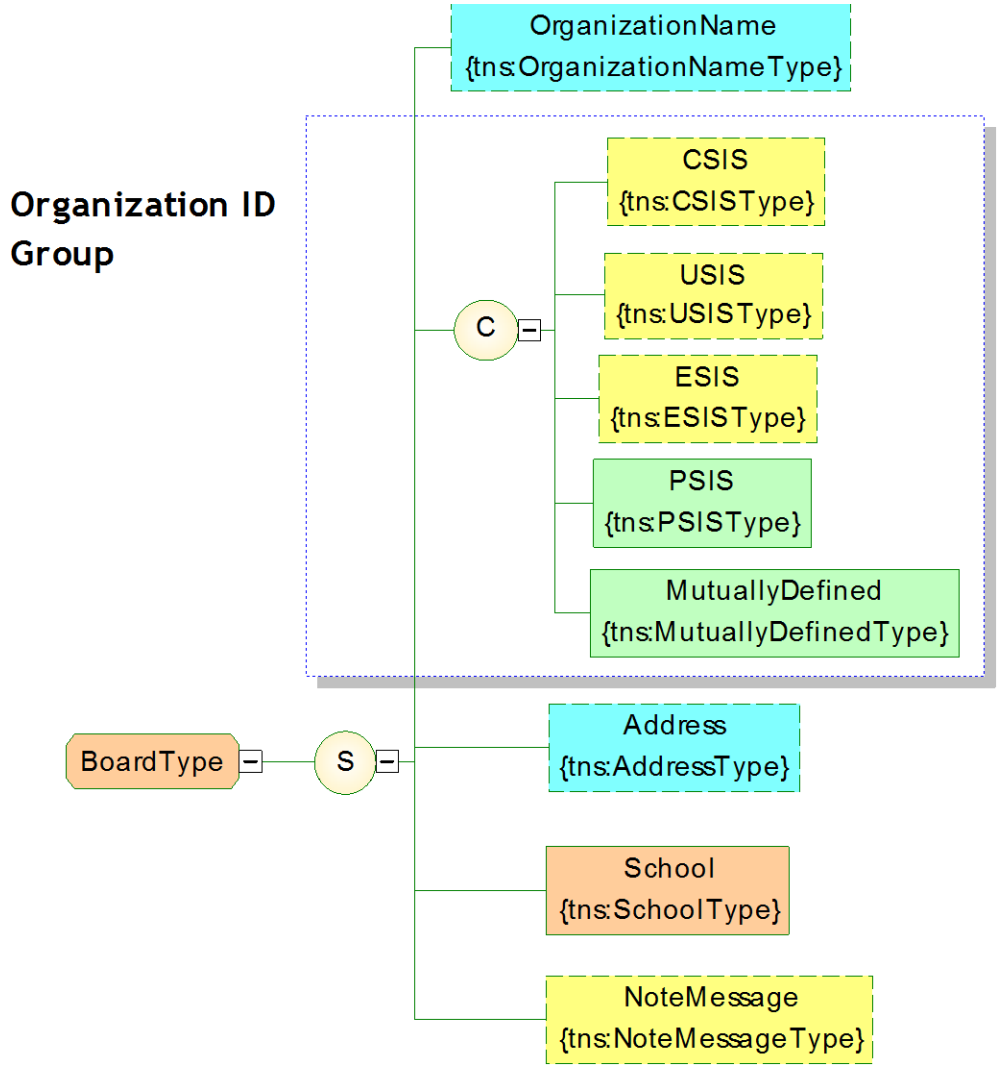


Tag Name	Schema Use	Description	Recommended Use	Format
URLAddress	Required	The Uniform Resource Locator (URL) address of the receiving organization or of a contact at the receiving organization	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 512
NoteMessage	Optional Repeatable	Additional information about the URL address of the destination organization	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 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 the school where the applicant was registered by the end of the application cycle or at the time this data was extracted	Optional – not sent by OUAC	minOcc 0 maxOcc 1 minLength 1 maxLength 60
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 Organization Ids – exclusive choice	Optional – not sent by OUAC	minOcc 0 maxOcc 1
Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires a choice of one,				

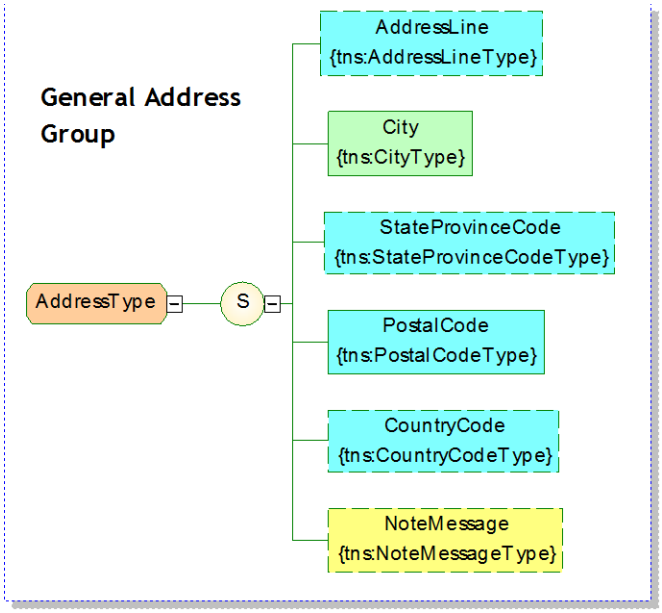
and only one, of the following XX code set tags to identify the board.				
CSIS	Optional Choice	The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each postsecondary data exchange partner	Not Recommended	minOcc 0 maxOcc 1 minLength 6 maxLength 6
Comment: Since it is now being replaced by the PSIS code set, it would no longer be a valid choice for schools in Canada.				
USIS	Optional Choice	The unique identifier assigned by Statistics Canada University Student Information System for each data postsecondary exchange partner	Not Recomended	minOcc 0 maxOcc 1 minLength 6 maxLength 6
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	Optional Choice	The unique identifier assigned by Statistics Canada Enhanced Student Information System for each data exchange partner	Not Recommended	minOcc 0 maxOcc 1 minLength 7 maxLength 8
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	Optional Choice	The unique identifier assigned by Statistics Canada Postsecondary Student Information System for each data exchange partner	Recommended - not sent by OUAC	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: This code set is the preferred code set to identify postsecondary schools in Canada.				
MutuallyDefined	Required choice	This code set could be used by prior agreement with a previously agreed upon set of trading partners, usually within a province, or within a group of several provinces.	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 60
Comment MutuallyDefined would be appropriate to identify a company or other agency which does not have one of the other allowable codes in this choice element. However, it must be interpreted correctly by the destination school or agency.				
Comment: End of OrganizationIDGroup choice set tags				
Address	Optional	This is a complex element containing Address data	Optional – not sent by OUAC	minOcc 0 maxOcc 1
Comment: This data element is not found in the original HSTAT98P file. It is considered optional but is consistent with the PESC standard. This complex data element will be expanded on page 36.				
School	Required Repeatable	This is the school where the applicant was registered by the end of the application cycle or at the time this data was extracted	Required	minOcc 1 maxOcc ∞
Comment: This field is conditional on element Board.School.Applicant.ApplicantType with the enumeration of Secondary.				

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

Code Illustration:

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

Board.Address



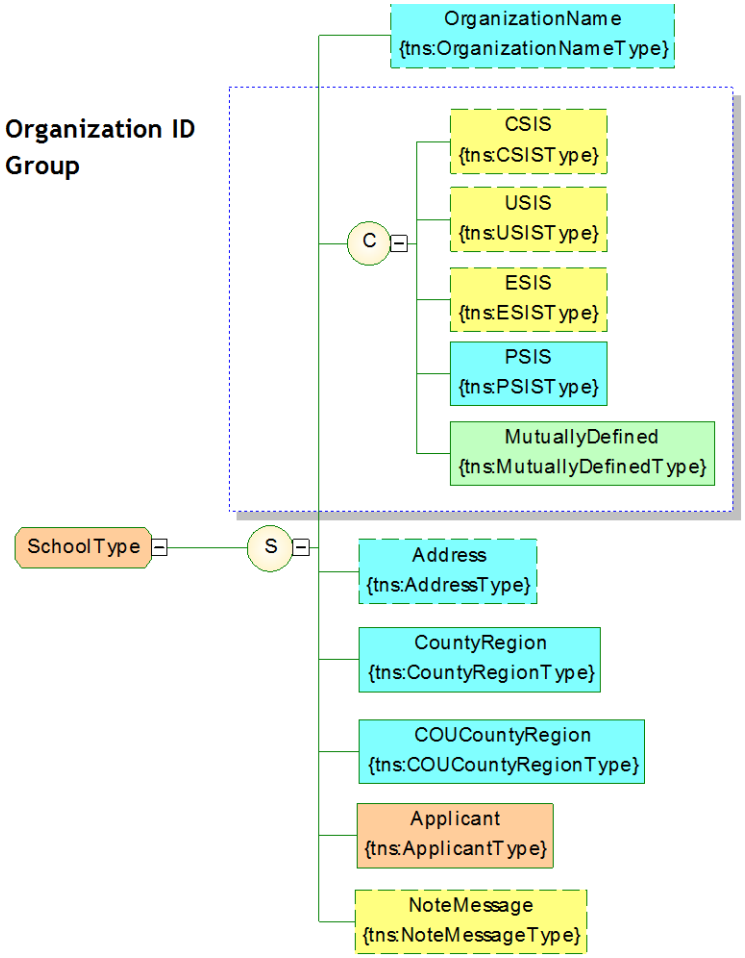
Tag Name	Schema Use	Description	Recommended Use	Format
AddressLine	Optional Repeatable	Local delivery information such as street, building number, PO box, or apartment portion of a postal address of the board	Optional – not sent by OUAC	minOcc 0 maxOcc 3 minLength 1 maxLength 40
City	Required	The city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

		the address of the board		minLength 1 maxLength 80

Code Illustration :

This element is not sent by OUAC.

Board.School



Tag Name	Schema Use	Description	Recommended Use	Format
OrganizationName	Optional	This is the school where the applicant was registered by the end of the application cycle or at the time this data was extracted	Optional – not sent by OUAC	minOcc 0 maxOcc 1 minLength 1 maxLength 60
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 Organization Ids – exclusive choice	Optional – not sent by OUAC	minOcc 0 maxOcc 1
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 following XX code set tags to identify the school.				
CSIS	Optional Choice	The unique identifier assigned by the Statistics Canada	Not Recommended	minOcc 0 maxOcc 1 minLength 6

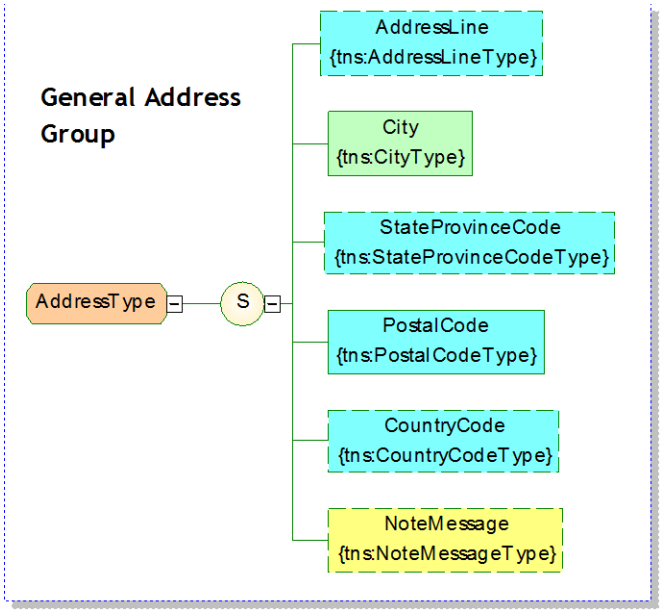
		Canadian College Student Information System for each postsecondary data exchange partner		maxLength 6
Comment: Since it is now being replaced by the PSIS code set, it would no longer be a valid choice for schools in Canada.				
USIS	Optional Choice	The unique identifier assigned by Statistics Canada University Student Information System for each data postsecondary exchange partner	Not Recommended	minOcc 0 maxOcc 1 minLength 6 maxLength 6
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	Optional Choice	The unique identifier assigned by Statistics Canada Enhanced Student Information System for each data exchange partner	Not Recommended	minOcc 0 maxOcc 1 minLength 7 maxLength 8
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	Optional Choice	The unique identifier assigned by Statistics Canada Postsecondary Student Information System for each data exchange partner	Optional – not sent by OUAC	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: This code set is the preferred code set to identify postsecondary schools in Canada.				
MutuallyDefined	Required choice	This code set could be used by prior agreement with a previously agreed upon set of trading partners, usually within a province, or within a group of several provinces.	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 60
Comment MutuallyDefined would be appropriate to identify a company or other agency which does not have one of the other allowable codes in this choice element. However, it must be interpreted correctly by the destination school or agency.				
Comment: End of OrganizationIDGroup choice set tags				
Address	Optional	This is a complex element containing Address data	Optional	minOcc 0 maxOcc 1
Comment: This data element is not found in the original HSTAT98P file. It is considered optional but is consistent with the PESC standard. This complex data element will be expanded on page 41.				
CountyRegion	Required	A code to identify the region/county that the Board represents	Conditional	minOcc 1 maxOcc 1 minLength 2 maxLength 2 Enumerations: See Appendix C
Comment: This field is conditional on element Board.School.OrganizationId with the presence of an OrganizationID (then mandatory). This field element matches the SBREGN field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 210) and in Appendix A.35. This field should be further modified to list actual County/Region names as opposed to simply using code numbers.				
COUCountyRegion	Required	This field has the same codes as	Conditional	minOcc 1 maxOcc 1

		CountyRegion (SBREGN) except for further breakdown of school boards in Metro Toronto		minLength 2 maxLength 2 Enumerations: See Appendix C
Comment: This field is conditional on element Board.School.OrganizationId with the presence of an OrganizationID (then mandatory). This field element matches the SBCNTY field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 210). It is further defined in Appendix C of this document. This field should be further modified to list actual County/Region names as opposed to simply using code numbers.				
Applicant	Repeatable	Body of document. One segment per student. It summarizes the person(s) whom have applied for admission to postsecondary school and the responses received.	Required	minOcc 1 maxOcc ∞
Comment: Detailed information about this complex element to follow on page 43				
NoteMessage	Optional Recommended	Additional information about the school	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

```
<School>
  <MutuallyDefined>12345690</MutuallyDefined>
  <Address></Address>
 <CountyRegion>12</CountyRegion>
 <COUCountyRegion>12</COUCountyRegion>
 <Applicant></Applicant>
</School>
```

Board.School.Address



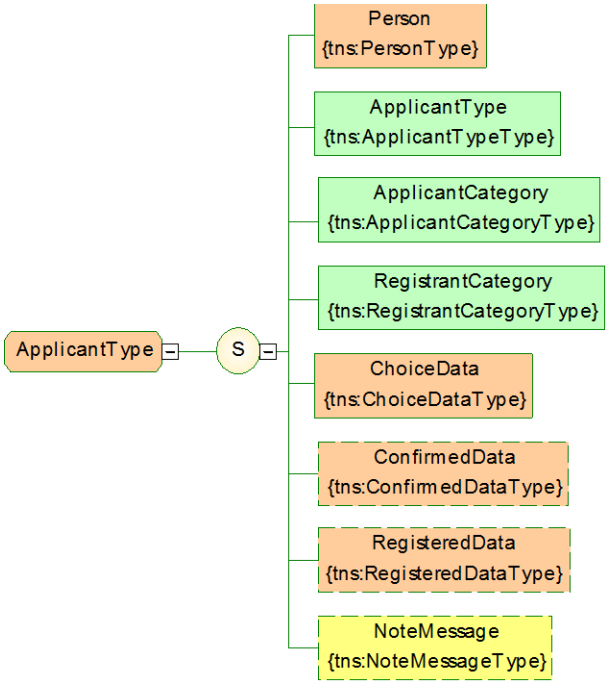
Tag Name	Schema Use	Description	Recommended Use	Format
AddressLine	Optional Repeatable	Local delivery information such as street, building number, PO box, or apartment portion of a postal address of the school	Optional – not sent by OUAC	minOcc 0 maxOcc 3 minLength 1 maxLength 40
City	Required	The city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

		the address of the school		minLength 1 maxLength 80

Code Illustration

<Address>
  *<City>*Guelph*</City>*
  *<PostalCode>*N1E4H1*</PostalCode>*
</Address>

Board.School.Applicant



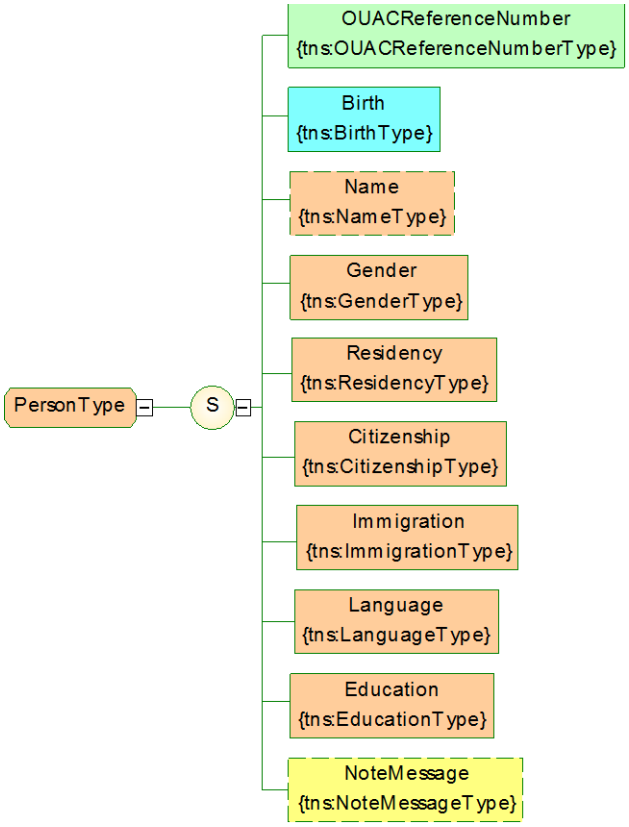
Tag Name	Schema Use	Description	Recommended Use	Format
Person	Required	Information about the person. This element includes secondary school academic data (where applicable).	Required	minOcc 1 maxOcc 1
Comment: Additional information about the person will be shown on page 45.				
ApplicantType	Required	Identifies whether an applicant is a secondary school applicant who has applied using the OUAC 101 form or a non-secondary applicant who used the OUAC 105 form	Required	minOcc 1 maxOcc 1 **Enumerations:** SecondaryApplicant NonSecondaryApplicant NonApplicant
Comment: This field element matches the APPTYP field of the HSTAT98P				
ApplicantCategory	Required	Categorizes applicants according to whether or not they would be selected and appear as a COU applicant in the annual COU report, "Application Statistics", or as an OUAC Applicant in the annual OUAC "Admission Data System Report".	Required	minOcc 1 maxOcc 1 **Enumerations:** OUAC COU Other 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 **Enumerations:** COURegistrant AppliedPreUnivDiploma AppliedAdvancedRegFirstYear AppliedFirstYearRegPreUniv NonAppliedRegPreUniv OtherFirstYear PrevRegFirstYear Unidentified NotApplicable
Comment: COU and OUAC employ slightly different definitions for registered applicants. Registered applicants as defined by COU are those applicants who have applied for full-time status to, and subsequently registered in, university programs at post-OAC level (coded as COURegistrant). Registered applicants as defined by OUAC, also include applicants to pre-university and diploma programs, advanced standing applicants who have registered in pre-university/diploma programs, or in first year (coded AppliedPreUnivDiploma, AppliedAdvancedRegFirstYear, AppliedFirstYearRegPreUniv, NonAppliedRegPreUniv, and OtherFirstYear). This field element matches the REGCAT field of the HSTAT98P				
ChoiceData	Optional	This category carries the applicant's university and program choices.	Optional	minOcc 0 maxOcc ∞
Comment: Additional Information can be found on page 66.				
ConfirmedData	Optional	This category contains the data pertaining to an applicant's confirmed choice.	Optional	minOcc 0 maxOcc 1
Comment: Additional information can be found on page 78.				
RegisteredData	Optional	This category contains the data pertaining to an applicant's registered choice.	Optional	minOcc 0 maxOcc 1
Comment: Additional information can be found on page 88.				
NoteMessage	Optional Repeatable	Additional information about the Applicant	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

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

Board.School.Applicant.Person



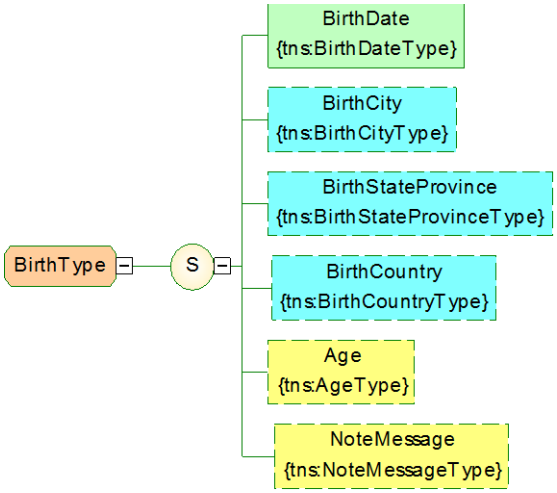
Tag Name	Schema Use	Description	Recommended Use	Format
OUACReferenceNumber	Required	The reference number given to the applicant by OUAC	Recommended	minOcc 1 maxOcc 1 minLength 6 maxLength 6
Comment: This field element matches the REFNO field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 20)				
Birth	Required	Information about the birth of the applicant.	Conditional	minOcc 1 maxOcc 1
Comment: Additional information about birth will be shown on page 47. Suggested that this be dependent on Applicant.ApplicantType (only for Secondary or Non-Secondary Applicants)				
Name	Optional	The name of the applicant.	Not Recommended	minOcc 0 maxOcc 1
Comment: Additional information about the applicants name will be shown on page 49. Since this is a depersonalized file this field should always remain empty. Recommend that it be removed entirely				
Gender	Required	The sex or gender of the applicant	Required	minOcc 1 maxOcc 1
Comment: Additional information about gender will be shown on page 51				
Residency	Required	Information about the residency status and location of the applicant	Required	minOcc 1 maxOcc 1
Comment: Additional information about residency will be shown on page 52.				
Citizenship	Required	Information about the citizenship status of the	Required	minOcc 1 maxOcc 1

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

Code Illustration:

```
<Person>
  <OUACReferenceNumber >123456</OUACReferenceNumber>
  <Birth>
  </Birth>
  <Gender>
  </Gender>
  <Residency>
  </Residency>
  <Citizenship>
  </Citizenship>
  <Immigration>
  </Immigration>
  <Language>
  </Language>
  <Education>
  </Education>
</Person>
```

Board.School.Applicant.Person.Birth

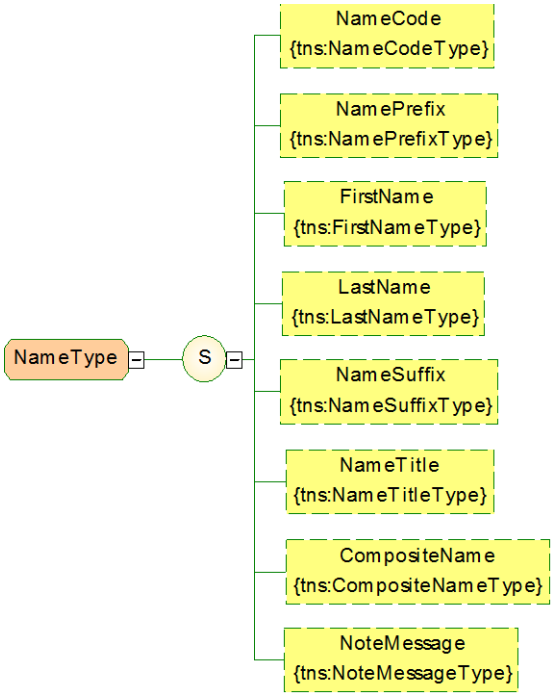


Tag Name	Schema Use	Description	Recommended Use	Format
BirthDate	Required	Date of Birth	Recommended	minOcc 1 maxOcc 1 xs:date Format is ccyy-mm-dd
Comment: This field element matches the BIRTHD field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 240). When a BirthDate element is "Not Reported" it will display an empty element.				
BirthCity	Conditional	The city in which the applicant was born	Optional – not sent by OUAC	minOcc 0 maxOcc 1 minLength 1 maxLength 30
Comment: This element is condtional on BirthDate.				
BirthStateProvince	Conditional	The state, province, or extra-state jurisdiction in which the applicant was born	Optional – not sent by OUAC	minOcc 0 maxOcc 1 **Enumerations:** See Appendix A
Comment: This element is condtional on BirthDate.				
BirthCountry	Conditional	The name of the country in which the applicant was born. Use ISO 3 166-1 alpha-2 standard	Optional – not sent by OUAC	minOcc 0 maxOcc 1 **Enumerations:** See Appendix B
Comment: This element is condtional on BirthDate.				
Age	Condtional	An integer that specifies how old an applicant was at time of application	Not recommended	minOcc 1 maxOcc 1 Format is an integer
Comment: This element is condtional on BirthDate. The use of the element is not recommended since the age can be derived from the ReferenceYear and BirthDate element. This field element matches the AGE field of the HSTAT98P. When a BirthDate element is "Not Reported" it will display an empty element.				
NoteMessage	Optional	Additional information about the birth of the applicant	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

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

Board.School.Applicant.Person.Name



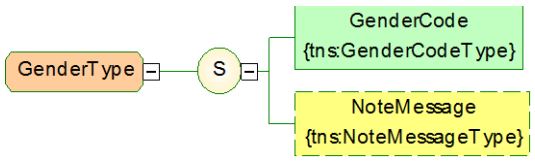
Tag Name	Schema Use	Description	Recommended Use	Format
NameCode	Optional	A code that indicates the type of name that is being described	Not Recommend	minOcc 0 maxOcc 1 **Enumerations:** Casual Formal LawSchoolApplicationSource Legal MedicalSchoolApplicationSource
NamePrefix	Optional	An honorific title or form of address that precedes the name	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
Comment: The honorific prefix which includes such data as “Dr.”, “Professor”, “Miss”, etc. It is highly recommended not to use this data element				
FirstName	Optional	The first name by which a person is known	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 35
LastName	Optional	The last name by which a person is known	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 35
NameSuffix	Optional	The expression or an individual’s generation within a family	Not Recommended	minOcc 0 maxOcc 1

				Enumerations: I II III IV V VI VII VIII IX X JR SR
NameTitle	Optional	An honorific title or credential that follows the name	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
CompositeName	Optional	The full name of the person in LastName (space) Suffix (comma) FirstName (space). A comma would be included after last name or NameSuffix	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 140
Comment: The use of the composite format for student name is discouraged. It is much easier for the receiving organization to process the individual name parts into its data base to process a composite name.				
NoteMessage	Optional Repeatable	Additional information about the applicant's name	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

This element is not sent by OUAC.

Board.School.Applicant.Person.Gender

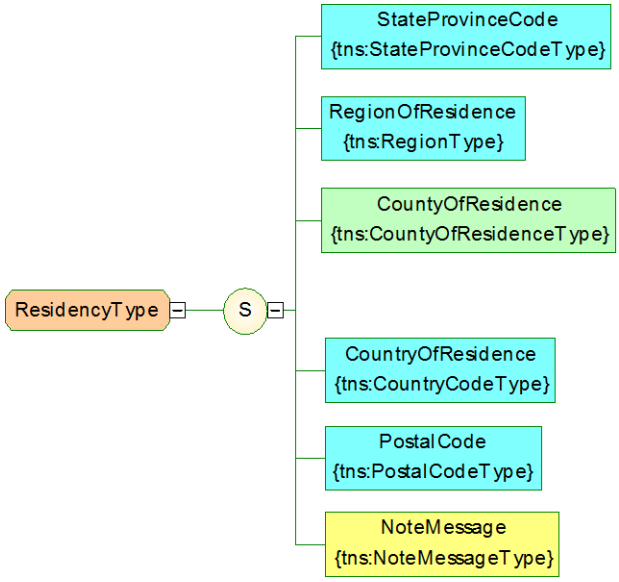


Tag Name	Schema Use	Description	Recommended Use	Format
GenderCode	Required	The gender of the applicant	Required	minOcc 1 maxOcc 1 **Enumerations:** Female Male Unreported
Comment: This field element matches the SEX field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 230)	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

Code Illustration:

```
<Gender>
  <GenderCode>Male</GenderCode>
</Gender>
```

Board.School.Applicant.Person.Residency



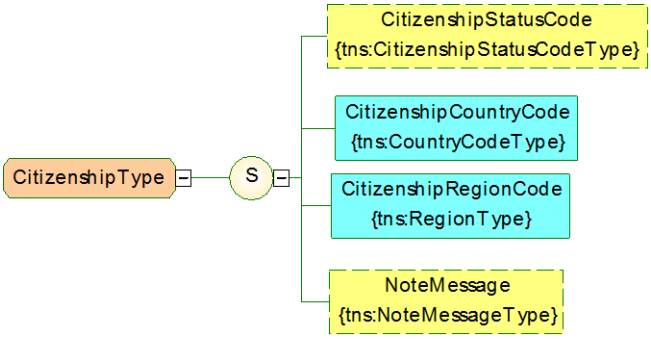
Tag Name	Schema Use	Description	Recommended Use	Format
StateProvinceCode	Required	The state, province, or extra-state jurisdiction of the applicant's home address at the time of application	Optional - sent by OUAC	minOcc 0 maxOcc 1 **Enumerations:** See Appendix A
Comment: This field element matches the PRORES field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 200)				
RegionOfResidence	Required	Region of an Applicant's Home or Permanent address	Conditional	minOcc 0 maxOcc 1 **Enumerations:** Canada UnitedStates OtherNorthAmerica CentralAmerica SouthAmerica WestIndies UnitedKingdom Europe MiddleEast Africa Asia Oceania NotReported
Comment: This field is conditional on element Applicant.ApplicantType with the enumerations of Secondary or NonSecondary. This field element matches the RGNRES field of the HSTAT98P. Note that both the traditional OUAC value and the new XML enumerated value can be found in Appendix C of this document.				
CountyOfResidence	Required	The county of the applicant 's home address at the time of application	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 50
Comment: This field element matches the COURES field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 210)				
CountryOfResidence	Required	The country of the applicant's	Conditional	minOcc 0

		home address at the time of application		maxOcc 1 See Appendix B for ISO codes for 2 digit codes of the countries of the world
Comment: This field is conditional on element Applicant.ApplicantType with the enumerations of Secondary or NonSecondary. This field element matches the CUNRES field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 190)				
PostalCode	Required	The Canadian postal code /U.S. zip code of the applicant's home or permanent residence address (Presumed to be Canada)	Optional – sent by OUAC	minOcc 0 maxOcc 1 minLength 1 maxLength 17
Comment: This field element matches the HPOST field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 150)				
NoteMessage	Optional Repeatable	Additional information about the residency status of the applicant	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

```
<Residency>
  <StateProvinceCode>AB</StateProvinceCode>
  <RegionOfResidence></RegionOfResidence>
   <CountyOfResidence>NotReported</CountyOfResidence>
   <CountryOfResidence>CA</CountryOfResidence>
   <PostalCode>T3E1A2</PostalCode>
</Residency>
```

Board.School.Applicant.Person.Citizenship



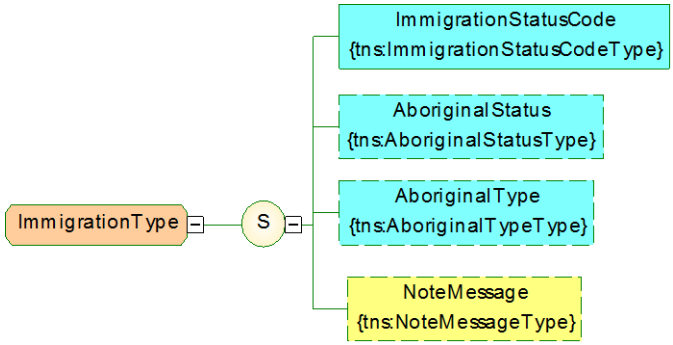
Tag Name	Schema Use	Description	Recommended Use	Format
CitizenshipStatusCode	Optional	Citizenship status of the applicant	Not Recommended	minOcc 0 maxOcc 1 **Enumerations:** Asylee Citizen EligibleNonCitizen IllegalAlien LandedImmigrant MinistersPermit NonCitizen NonPermanentResidentAlien NonResidentAlien NonResidentCitizen NotEligible PermanentVisa Refugee ResidentAlien StudentAuthorization StudentVisa TemporaryVisa UndocumentedAlien VisitorVisa WorkVisa
CitizenshipCountryCode	Required	The country of citizenship for the applicant	Conditional	minOcc 0 maxOcc 1 See Appendix B for ISO 2 digit codes of the countries of the world
Comment: This field is conditional on element Applicant.ApplicantType with the enumerations of Secondary or NonSecondary. This field element matches the CUNCIT field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 170)				
CitizenshipRegionCode	Required	Geographic Region of the country of citizenship	Conditional	minOcc 0 maxOcc 1 **Enumerations:** Canada UnitedStates OtherNorthAmerica CentralAmerica

				SouthAmerica WestIndies UnitedKingdom Europe MiddleEast Africa Asia Oceania NotReported
Comment: This field is conditional on element Applicant.ApplicantType with the enumerations of Secondary or NonSecondary. This field element matches the RGNCIT field of the HSTAT98P.				
NoteMessage	Optional Repeatable	Additional information about the citizenship status of the applicant	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

```
<Citizenship>
  <CitizenshipCountryCode>BR</CitizenshipCountryCode>
  <CitizenshipRegionCode>Canada</CitizenshipRegionCode>
</Citizenship>
```

Board.School.Applicant.Person.Immigration

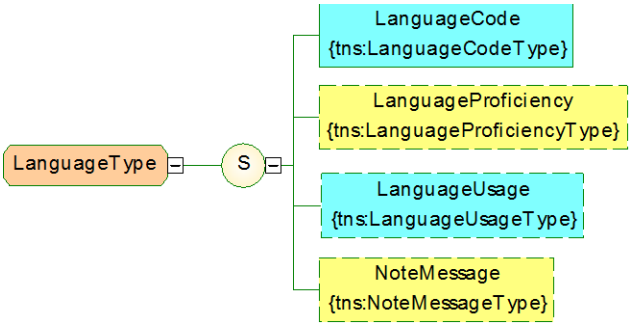


Tag Name	Schema Use	Description	Recommended Use	Format
ImmigrationStatusCode	Required	Status in Canada	Conditional	minOcc 0 maxOcc 1 **Enumerations:** NativeCanCitizen PermanentResident StudyPermit Other NoStatus NotReported
Comment: This field is conditional on element Applicant.ApplicantType with the enumerations of Secondary or NonSecondary. This field element matches the IMSTAT field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 220).				
AboriginalStatus	Optional	Indication of aboriginal status.	Conditional	minOcc 0 maxOcc 1 **Enumerations:** Yes No
Comment: This field is conditional on the 'NativeCanCitizen' enumeration in the ImmigrationStatusCode element and is not currently available in the HSTAT98P file. Should default to 'No'. This field element matches the ABORG field and is further defined in the OUAC System Manual (Element 2554)				
AboriginalType	Optional	Indication of the aboriginal type	Conditional	minOcc 0 maxOcc 1 **Enumerations:** FirstNations Metis Inuit NotReported
Comment: This field is conditional on the AboriginalStatus element and is not currently available in the HSTAT98P file. This field element matches the ABTYP field and is further defined in the OUAC System Manual (Element 2555)				
NoteMessage	Optional Repeatable	Additional information concerning immigration	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

```
<Immigration>
  <ImmigrationStatusCode>NativeCanCitizen</ImmigrationStatusCode>
  <AboriginalStatus>Yes</AboriginalStatus>
  <AboriginalType>FirstNations</AboriginalType>
</Immigration>
```

Board.School.Applicant.Person.Language



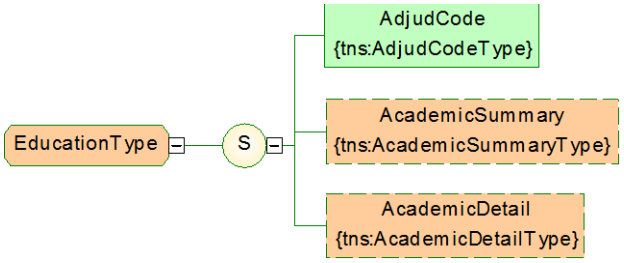
Tag Name	Schema Use	Description	Recommended Use	Format
LanguageCode	Required	Language First spoken and still understood	Conditional	minOcc 0 maxOcc 1 Enumerations: ENG FRE Other NotReported
Comment: This field is conditional on element Applicant.ApplicantType with the enumerations of Secondary or NonSecondary This field element matches the TONGUE field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 270).				
LanguageProficiency	Optional	The proficiency level of the applicant in this language	Not Recomended	minOcc 0 maxOcc 1 **Enumerations:** EnglishOnly Excellent Fair FullyEnglishProficient Good LimitedEnglishProficiency NonEnglishSpeaking Poor RedesignatedFluentEnglishProficient Unacceptabe Unknown
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.				
LanguageUsage	Conditional	The type of use of this language in which the student claims proficiency	Conditional	minOcc 0 maxOcc ∞ **Enumerations:** 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 Repeatable	Additonal information about	Not Recommended	minOcc 0 maxOcc ∞

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

Code Illustration:

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

Board.School.Applicant.Person.Education

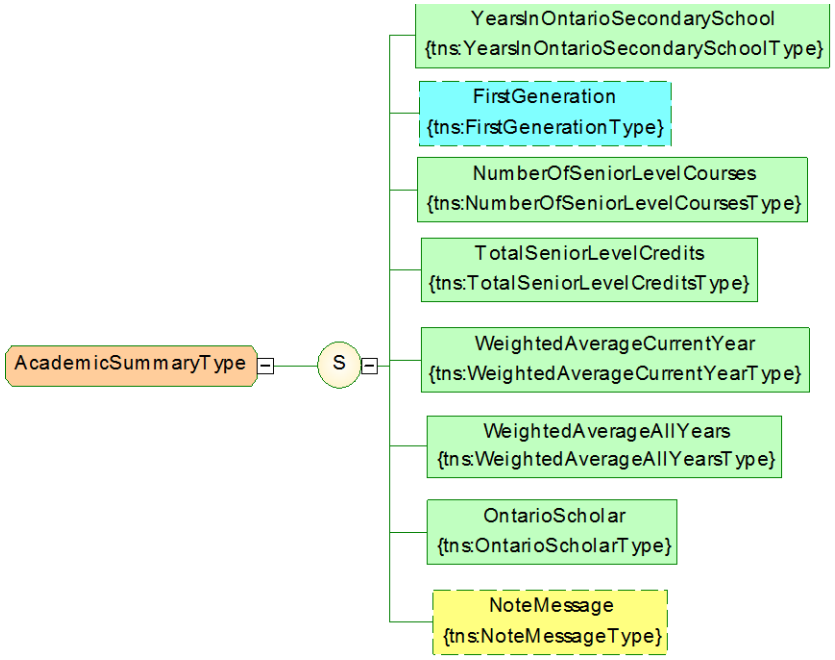


Tag Name	Schema Use	Description	Recommended Use	Format
AdjudCode	Required	The level of the student at the school where the academic record was earned	Required	minOcc 1 maxOcc 1 minLength 3 maxLength 3
Comment: This field element matches the ADJUD field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 340). The codes entered here will be based on the codes listed in Appendix A.05 of the OUAC System Manual				
AcademicSummary	Conditional Repeatable	Used to send summary totals for all the work taken at a certain academic level	Conditional	minOcc 0 maxOcc 1
Comment: This field is conditional on element Applicant.ApplicantType with the enumeration of Secondary. Additional information about AcademicSummary will be shown on page 61.				
AcademicDetail	Conditional	Used to send more detailed data concerning the courses an applicant has taken	Recommended	minOcc 0 maxOcc 1
Comment: This field is conditional on element Applicant.ApplicantType with the enumeration of Secondary. Additional information about AcademicDetail will be shown on page 63.				

Code Illustration:

```
<Education>
  <AdjudCode></AdjudCode>
  <AcademicSummary>
  </AcademicSummary>
  <AcademicDetail>
  </AcademicDetail>
</Education>
```

Board.School.Applicant.Person.Education.AcademicSummary



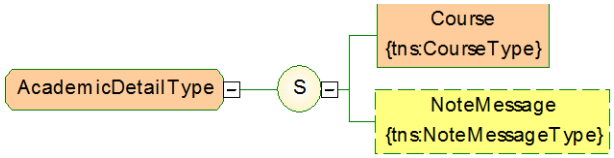
Tag Name	Schema Use	Description	Recommended Use	Format
YearsInOntarioSecondarySchool	Required	The total number of complete years at a secondary school in Ontario	Required	minOcc 1 maxOcc 1 Format is an integer
Comment: This field element matches the YRSSCH field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 540)				
FirstGeneration	Optional	Indication if either of their parents/guardians have attended a university or college	Optional	minOcc 0 maxOcc 1 **Enumerations:** Yes No NotReported
Comment: This field is optional on the 'NativeCanCitizen' or 'PermanentResident' enumeration in the ImmigrationStatusCode element and is not currently available in the HSTAT98P file. This field element matches the FIRSTGEN field and is further defined in the OUAC System Manual (Element 3337)				
NumberOfSeniorLevelCourses	Required	The number of Senior Level courses reported	Required	minOcc 1 maxOcc 1 Format is a decimal
Comment: This field element matches the CNTCRS field of the HSTAT98P.				
TotalSeniorLevelCredits	Required	The number of Senior Level credits reported	Required	minOcc 1 maxOcc 1 Format is a decimal
Comment: This field element matches the TOTCRR field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 572)				
WeightedAverageCurrentYear	Required	The weighted average of the best 6 OAC/Senior Level	Required	minOcc 1 maxOcc 1 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 1 maxOcc 1 xs: decimal NNN.N
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 1 maxOcc 1 Enumerations: Yes No
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 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

```
<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.AcademicDetail

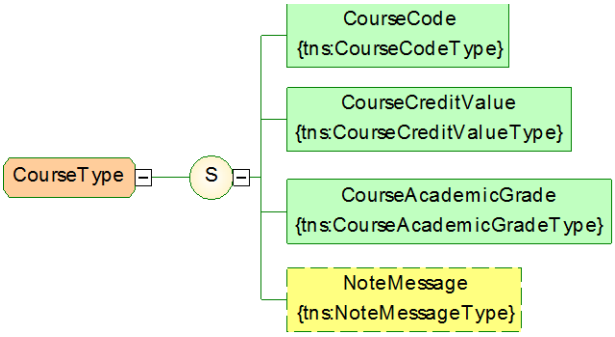


Tag Name	Schema Use	Description	Recommended Use	Format
Course	Required Repeatable	Academic coursework	Required	minOcc 1 maxOcc ∞
Comment: This element will be expanded on page 64.				
NoteMessage	Optional Repeatable	Additional information concerning the Applicant's specific Academic record	Not Recommended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

Code Illustration:

```
<AcademicDetail>
  <Course>
  </Course>
</AcademicDetail>
```

Board.School.Applicant.Person.Education.AcademicDetail.Course



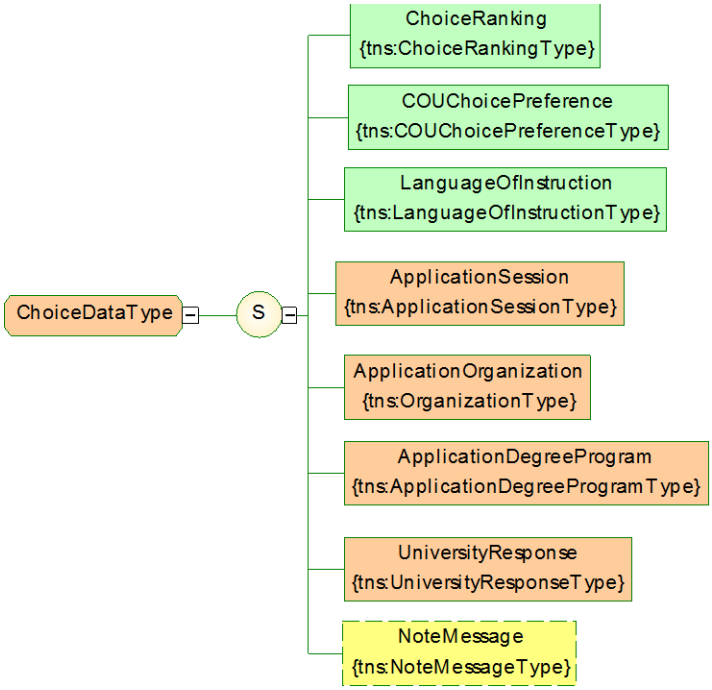
Tag Name	Schema Use	Description	Recommended Use	Format
CourseCode	Required	Ministry –assigned number for Ontario secondary school courses	Required	minOcc 1 maxOcc 1 minLength 5 maxLength 6
Comment: This field element matches the CRS1 field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 580), specifically in Appendix B.39 and A.44.				
CourseCreditValue	Required	Number indicating the credit value the course is worth	Required	minOcc 1 maxOcc 1 xs:decimal 0.00 – did not complete
Comment: This field element matches the CRD1 field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 610).				
CourseAcademicGrade	Required	The final grade awarded in the course	Required	minOcc 1 maxOcc 1 Enumerations: xs-string minInclusive 000 maxInclusive 100 Unknown NightSchool Correspondance SummerSchool
Comment: This field element matches the MRK1 field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 620).				
NoteMessage	Optional Repeatable	Additional information about academic course	Not Recommended	minOcc 0 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



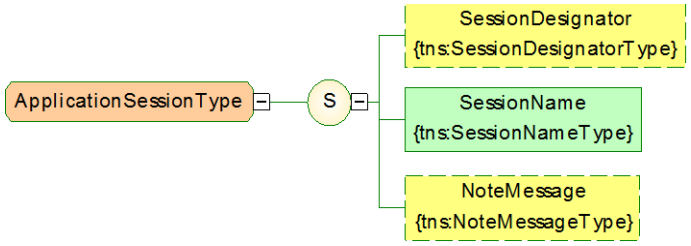
Tag Name	Schema Use	Description	Recommended Use	Format
ChoiceRanking	Required	Indicates the ranking of the university/program selections as provided by the applicant	Required	minOcc 1 maxOcc 1 Format is an integer
Comment: This field element matches the CHS1 field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 370).				
COUChoicePreference	Required	Designates the COU choice preference on the application form	Required	minOcc 1 maxOcc 1 Format is an integer
Comment: The applicant may designate as a valid choice an application for preliminary year/diploma, advanced standing, part-time or non-fall term. In determining the COU desired choice these applications are eliminated and any following choice numbers are “bumped up”. This field element matches the CHSC1 field of the HSTAT98P.				
LanguageOfInstruction	Required	The language in which the applicant wishes to study	Required	minOcc 1 maxOcc 1 Enumerations: English French
Comment: Comment: This field is not currently available in the HSTAT98P file. This field element matches the LANNIS field and is further defined in the OUAC System Manual (Element 450)				
ApplicationSession	Required	The specific term or session for which the applicant is applying	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded on page 68.				
ApplicationOrganization	Required	The specific organization within	Required	minOcc 1 maxOcc 1

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

Code Illustration:

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

Board.School.Applicant.ChoiceData.ApplicationSession

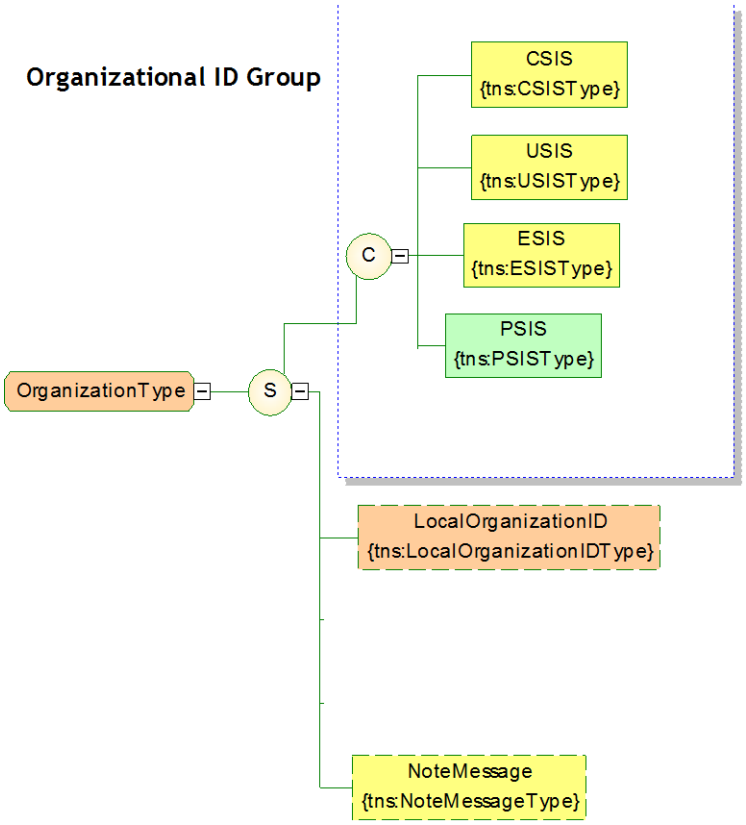


Tag Name	Schema Use	Description	Recommended Use	Format
SessionDesignator	Optional	The academic session to which the applicant is applying	Not Recommended	minOcc 1 maxOcc 1 YearMonth (ccyy-mm)
Comment: The session designator is used to indicate the starting year and month of major academic terms within the school's calendar. For example, a typical fall term would begin in August or September. So for a fall term that begins in September of the year 2011, the value of this field would be "2011-09". .				
SessionName	Required	Name of session	Required	minOcc 1 maxOcc 1 **Enumerations:** Fall Winter Spring Summer
Comment: For example, "Fall", "Winter" or "Spring". This field element matches the ENR1 field of the HSTAT98P				
NoteMessage	Optional Repeatable	Additional information about the Academic Session	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

<ApplicationSession>
  *<SessionName>*Fall*</SessionName>*
</ApplicationSession>

Board.School.Applicant.ChoiceData.ApplicationOrganization



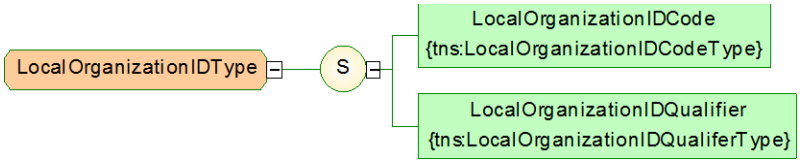
Tag Name	Schema Use	Description	Recommended Use	Format
OrganizationIDGroup	Required	Allowable Organization Ids – Exclusive Choice	Required - not sent by OUAC	minOcc 1 maxOcc 1
Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires the choice of one,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

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 choice	The unique identifier assigned by the Statistics Canada Enhanced Student Information System for each postsecondary data exchange partner.	Not Recommended	minOcc 0 maxOcc 1 minLength 8 maxLength 8
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 choice	The unique identifier assigned by the Statistics Canada Postsecondary Student Information System for each postsecondary data exchange partner.	Recommended – not sent by OUAC	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: This code set is the preferred code set to identify postsecondary schools in Canada.				
Comment: End of OrganizationIDGroup choice set tags				
LocalOrganizationID	Required	A code set to more specifically identify the applicant's chosen institution.	Recommended	minOcc 0 maxOcc 1
Comment: Additional information about the complex data element Local Organization ID will be shown on page 71				
NoteMessage	Optional Repeatable	Additional information concerning applicant's chosen institution.	Optional Repeatable – not sent by OUAC	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

<ApplicationOrganization>
<LocalOrganizationID>
</ LocalOrganizationID>
</ApplicationOrganization>

Board.School.Applicant.ChoiceData.ApplicationOrganization.LocalOrganizationID



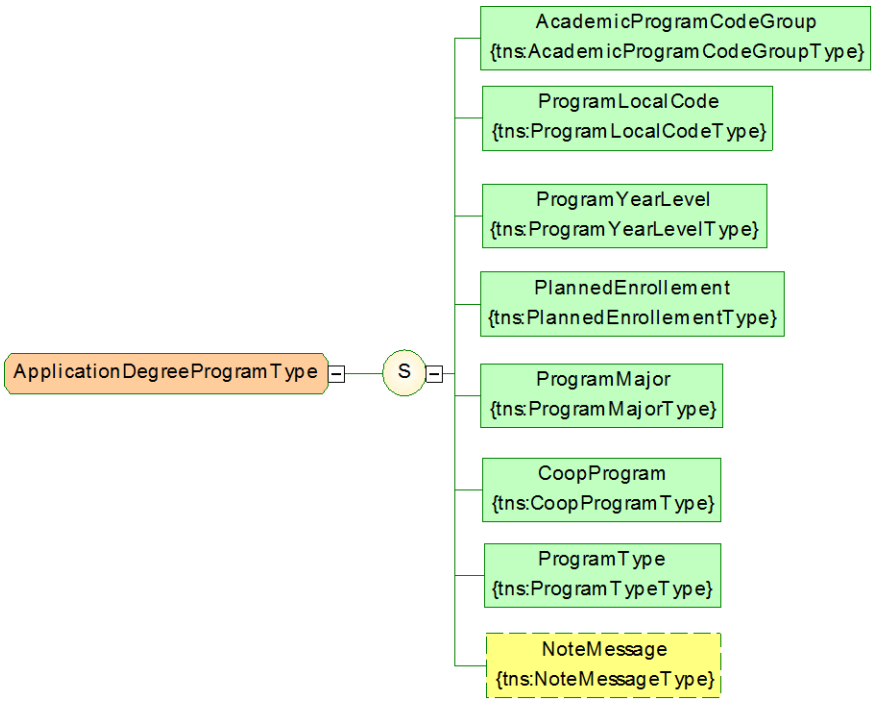
Tag Name	Schema Use	Description	Recommended Use	Format
LocalOrganizationIDCode	Required	A code set typically used by a province or region to further identify the postsecondary school	Recommended	minOcc 1 maxOcc 1 **Enumerations:** 01 02 03 04 05 06 07 08 09 10 11 12 13 14 16 20 27 28 50 87
Comment: This field could be used to match up with UNI1 field of the HSTAT98P. To be more PESC compliant in the future one of the above fields would be the preferred choice. The OrganizationName element, below, could be used in conjunction with this field.				
LocalOrganizationIDQualifier	Required	Name of the Organization	Recommended	minOcc 1 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>*03*</LocalOrganizationIDCode>*
*<LocalOrganizationIDQualifier>*Guelph*</LocalOrganizationIDQualifier>*
</LocalOrganizationID>

Board.School.Applicant.ChoiceData.ApplicationDegreeProgram



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

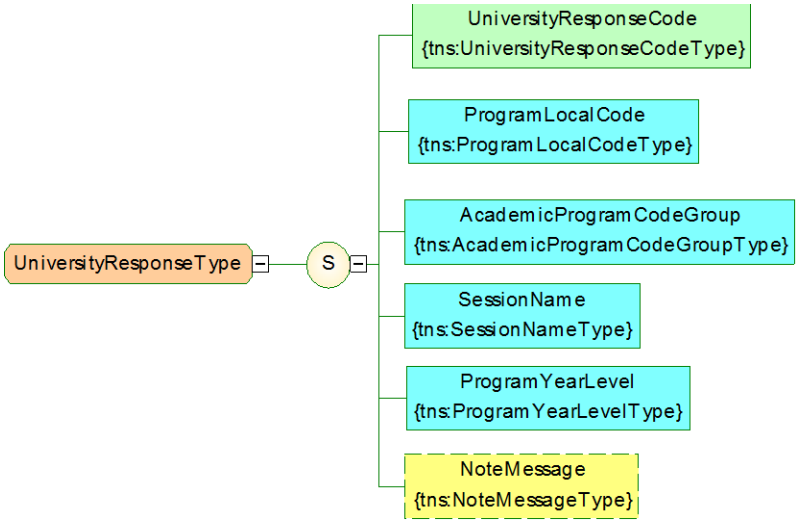
				VetMed OtherAdmin OtherDegree SpecGR12 Prelim Diploma Mathematics Ineligible
Comment: This field element matches the PGP1 field of the HSTAT98P.				
ProgramLocalCode	Required	Code used to identify the program applied to at the university.	Recommended	minOcc 1 maxOcc 1 minLength 2 maxLength 3
Comment: This field element matches PGM1 field of the HSTAT98P file. The naming convention for program codes is described in detail in the OUAC System Manual under element 395 and Appendix B.78.				
ProgramYearLevel	Required	The Year Level of Study for the applicant's university/program selection	Recommended	minOcc 1 maxOcc 1 **Enumerations:** Prelim FirstYear AnyYearAboveFirst
Comment: This field element matches the YRL1 field of the HSTAT98P. "FirstYear" is default.				
PlannedEnrollment	Required	The anticipated enrolment level of this particular program	Recommended	minOcc 1 maxOcc 1 **Enumerations:** FullTime PartTime
Comment: This field element matches the FPT1 field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 410).				
ProgramMajor	Required	Applicant's Major within their program of choice	Recommended	minOcc 1 maxOcc 1 minLength 3 maxLength 5
Comment: This field element matches MAJ1 field of the HSTAT98P file. The naming convention for subject of major interest is described in detail in OUAC systems manual under element 332 and Appendix B.33. Major Interest increased from 3 to 5 digits in the 2000 cycle.				
CoopProgram	Required	Applicant's wish to apply for a cooperative education	Recommended	minOcc 1 maxOcc 1 **Enumerations:** Yes No
Comment: This field element matches the COP1 field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 397).				
ProgramType	Required	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	Recommended	minOcc 1 maxOcc 1 **Enumerations:** OUACApplicant DiplomaFallFull FirstYearFallFull AdvStandChoice AdvStandDef Returning
Comment: This field element matches the TYP1 field of the HSTAT98P				
NoteMessage	Optional Repeatable	Additional information about the Degree Program	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

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

Code Illustration:

```
<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



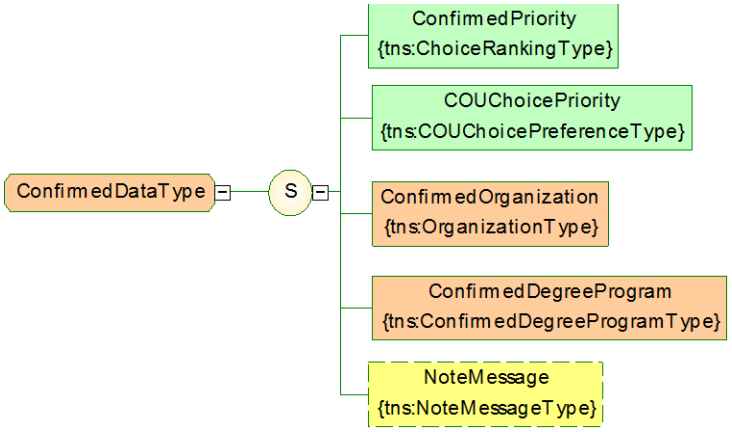
Tag Name	Schema Use	Description	Recommended Use	Format
UniversityResponseCode	Required	Institution's decision regarding the applicant's program choice	Recommended	minOcc 1 maxOcc 1 **Enumerations:** Offer Refuse NotDetermined
Comment: This field element matches the DEC1 field of the HSTAT98P.				
ProgramLocalCode	Required	Code used to identify the program offered by the university.	Conditional	minOcc 1 maxOcc 1 minLength 2 maxLength 3
Comment: This field is conditional on element Applicant.ChoiceData.UniversityResponse.UniversityResponseCode. This field element matches PGMD1 field of the HSTAT98P file. The naming convention for program codes is described in detail in the OUAC System Manual under element 395 and Appendix B.78. (Specifically UPCODE)				
AcademicProgramCodeGroup	Required	The program group offered to the applicant by the university	Conditional	minOcc 1 maxOcc 1 **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 is conditional on element Applicant.ChoiceData.UniversityResponse.UniversityResponseCode This field element matches the PGPD1 field of the HSTAT98P.				
SessionName	Required	The enrollment term offered to the applicant by the university	Conditional	minOcc 1 maxOcc 1 **Enumerations:** Fall Winter Spring Summer NoOffer
Comment: This field is conditional on element Applicant.ChoiceData.UniversityResponse.UniversityResponseCode. This field element matches the ENRD1 field of the HSTAT98P				
ProgramYearLevel	Required	The Year Level of Study offered to the applicant by the university	Conditional	minOcc 1 maxOcc 1 **Enumerations:** Prelim FirstYear AnyYearAboveFirst
Comment: This field is conditional on element Applicant.ChoiceData.UniversityResponse.UniversityResponseCode. This field element matches the YRLD1 field of the HSTAT98P				
NoteMessage	Optional Repeatable	Additional information about the University response	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

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

Board.School.Applicant.ConfirmedData



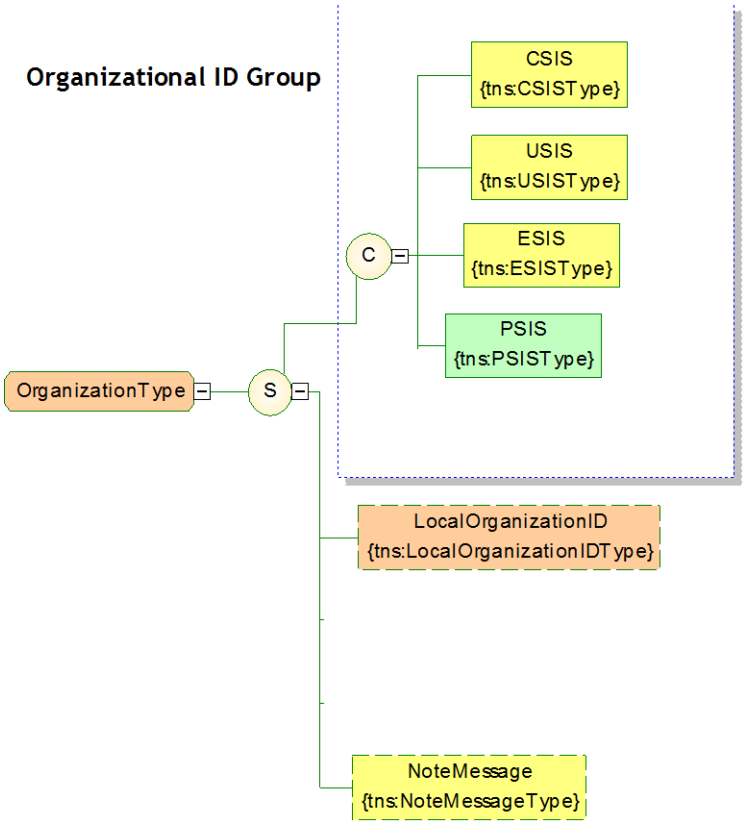
Tag Name	Schema Use	Description	Recommended Use	Format
ConfirmedPriority	Required	The priority given to this particular choice	Required	minOcc 1 maxOcc 1 Format is an integer
Comment: This field element matches the CNFCHS field of the HSTAT98P. It is further defined in the OUAC System Manual (Element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

Board.School.Applicant.ConfirmedData (Continued)

Code Illustration:

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

Board.School.Applicant.ConfirmedData.ConfirmedOrganization



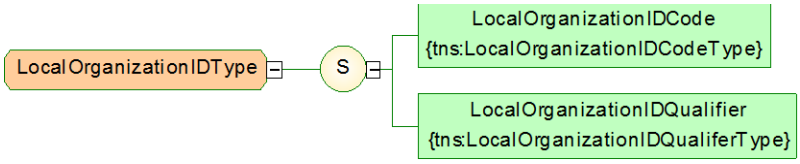
Tag Name	Schema Use	Description	Recommended Use	Format
[OrganizationIDGroup]	Required	Allowable Organization Ids – Exclusive Choice	Required – not sent by OUAC	minOcc 1 maxOcc 1
Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires the choice of one,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

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 choice	The unique identifier assigned by the Statistics Canada Postsecondary Student Information System for each postsecondary data exchange partner.	Recommended – not sent by OUAC	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: This code set is the preferred code set to identify postsecondary schools in Canada.				
Comment: End of OrganizationIDGroup choice set tags				
LocalOrganizationID	Required	A code set to more specifically identify the confirmed organization	Recommended	minOcc 0 maxOcc 1
Comment: Additional information about the complex data element Local Organization ID will be shown on page 82				
NoteMessage	Optional Repeatable	Additional information about the organization	Not Recommended	minOcc 0 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.ConfirmedData.ConfirmedOrganization.LocalOrganizationID



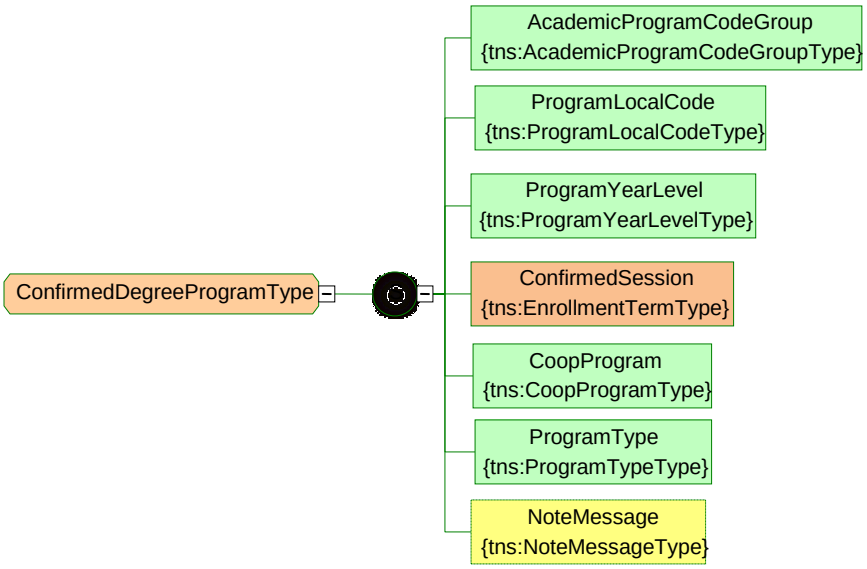
Tag Name	Schema Use	Description	Recommended Use	Format
LocalOrganizationIDCode	Required	A code set typically used by a province or region to further identify the receiving school	Required	minOcc 1 maxOcc 1 **Enumerations:** 01 02 03 04 05 06 07 08 09 10 11 12 13 14 16 20 27 28 50 87
Comment: This field 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 Ryerson Nipissing UOIT

				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.ConfirmedData.ConfirmedDegreeProgram



Tag Name	Schema Use	Description	Recommended Use	Format
AcademicProgramCodeGroup	Required	The applicant's program group confirmed to at the university	Required	minOcc 1 maxOcc 1 **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 Prelim Diploma

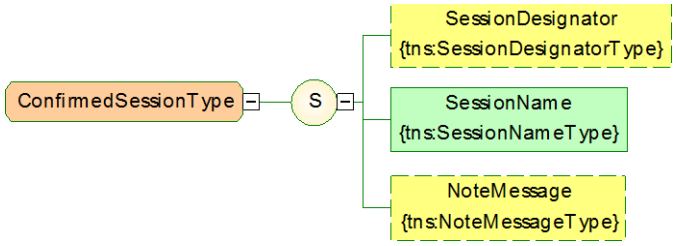
				Mathematics Ineligible
Comment: This field element matches the CNFPGP field of the HSTAT98P.				
ProgramLocalCode	Required	Code used to identify the program confirmed to at the university.	Required	minOcc 1 maxOcc 1 minLength 2 maxLength 3
Comment: This field element matches CNFPGM field of the HSTAT98P file. The naming convention for program codes is described in detail in the OUAC System Manual under element 665 and Appendix B.78.				
ProgramYearLevel	Required	Confirmed year level of Study for the applicant's university/program selection	Required	minOcc 1 maxOcc 1 **Enumerations:** PreLim FirstYear AnyYearAboveFirst
Comment: This field element matches the CNFYRL field of the HSTAT98P. It is further defined in the OUAC System Manual under element 685. FirstYear is the default value.				
ConfirmedSession	Required	The specific term or session for which the applicant is confirmed for	Required	minOcc 1 maxOcc 1
Comment: This field element matches the CNFENR field of the HSTAT98P. Additional information about the complex data element ConfirmedSession will be shown on page 87				
CoopProgram	Required	Confirmed whether the applicant is participating in cooperative education	Required	minOcc 1 maxOcc 1 **Enumerations:** Yes No
Comment: This field element matches the CNFCOP field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 688).				
ProgramType	Required	Records whether the program to which the applicant is confirmed is a non-fall program or is at the diploma, first year or advanced standing level	Required	minOcc 1 maxOcc 1 **Enumerations:** OUACApplicant DiplomaFallFull FirstYearFallFull AdvStandChoice AdvStandDef Returning InvalidNotConfirmed
Comment: This field element matches the CNFPTP field of the HSTAT98P. OUACApplicant is the enumeration used when the applicant does not fall into the other enumerations. Returning refers to a confirmant's choice to the same institution he/she previously attended.				
NoteMessage	Optional Repeatable	Additional information about the applicant's confirmation	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Board.School.Applicant.ConfirmedData.ConfirmedDegreeProgram (Continued)

Code Illustration:

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

Board.School.Applicant.ConfirmedData.ConfirmedDegreeProgram.ConfirmedSession

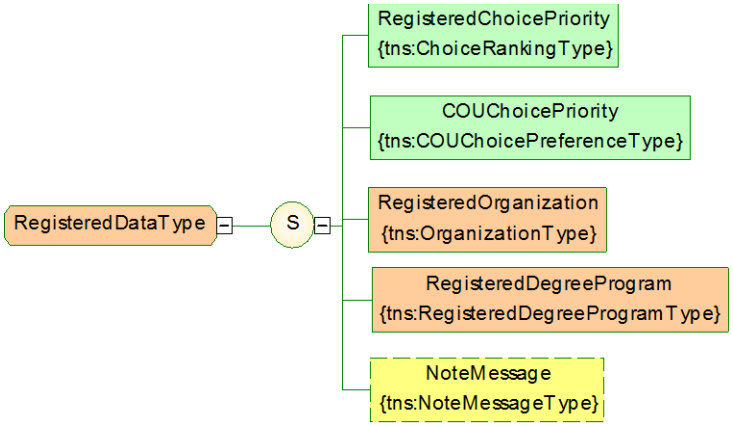


Tag Name	Schema Use	Description	Recommended Use	Format
SessionDesignator	Optional	The academic session to which the applicant is applying	Not Recommended	minOcc 1 maxOcc 1 YearMonth (ccyy-mm)
Comment: The session designator is used to indicate the starting year and month of major academic terms within the school's calendar. For example, a typical fall term would begin in August or September. So for a fall term that begins in September of the year 2011, the value of this field would be "2011-09".				
SessionName	Required	Name of session	Required	minOcc 1 maxOcc 1 **Enumerations:** Fall Winter Spring Summer
Comment: For example, "Fall", "Winter" or "Spring". This field element matches the ENR1 field of the HSTAT98P				
NoteMessage	Optional Repeatable	Additional information about the Academic Session	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

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

Board.School.Applicant.RegisteredData



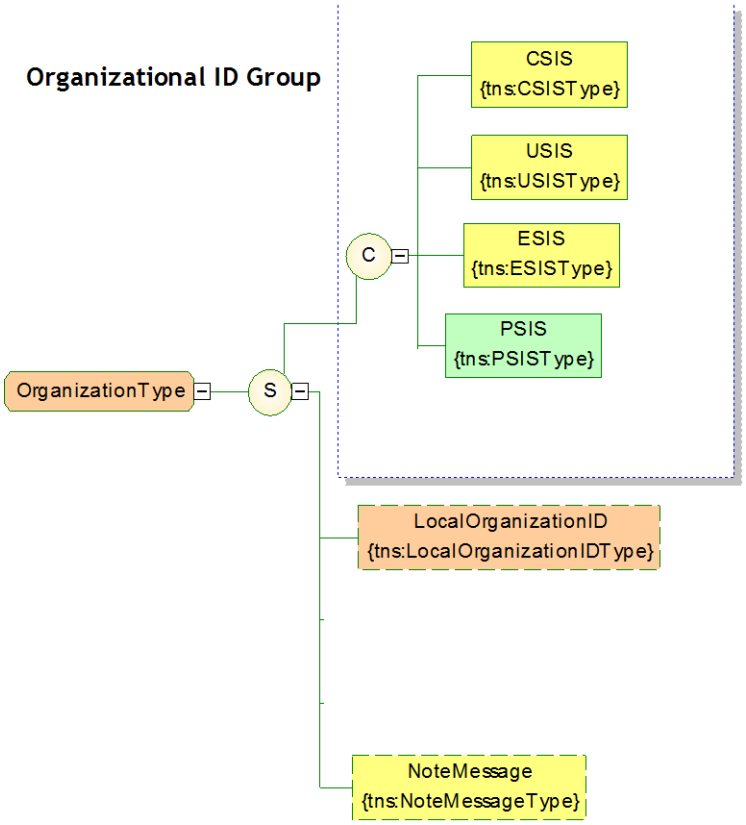
Tag Name	Schema Use	Description	Recommended Use	Format
RegisteredChoicePriority	Required	The priority to be given to this particular choice	Required	minOcc 1 maxOcc 1 Format is an integer
Comment: This field element matches the REGCHS field of the HSTAT98P. It is further defined in the OUAC System Manual (Element 370).				
COUChoicePriority	Required	The priority given to the choice by the COU	Required	minOcc 1 maxOcc 1 Format is an integer
Comment: This field element matches the REGCCH field of the HSTAT98P. There are two exceptions: 1) If the mentioned choice was a valid COU choice but the applicant registered as an invalid COU registrant, then a '00' is found in this element, while there may be a number in the Applicant.ChoiceData.COUChoicePriority, and 2) If the mentioned choice was an invalid COU choice, but the applicant registered as a valid COU registrant, then a '00' will be found in the element Applicant.ChoiceData.COUChoicePriority and this element will be consistent with the RegisteredChoicePriority element.				
RegisteredOrganization	Required	The specific organization within the system to which the applicant is registered	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded on page 90				
RegisteredDegreeProgram	Required	The specific academic program for which the applicant is registered	Required	minOcc 1 maxOcc 1
Comment: This complex element is expanded on page 94.				
NoteMessage	Optional Repeatable	Additional information about the applicant's registration	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Board.School.Applicant.RegisteredData (Continued)

Code Illustration:

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

Board.School.Applicant.RegisteredData.RegisteredOrganization



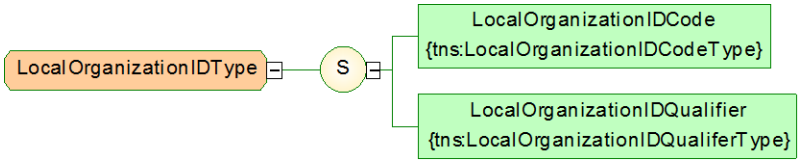
Tag Name	Schema Use	Description	Recommended Use	Format
[OrganizationIDGroup]	Required	Allowable Organization Ids – Exclusive Choice	Required – not sent by OUAC	minOcc 1 maxOcc 1
Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires the choice of one,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

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 choice	The unique identifier assigned by the Statistics Canada Postsecondary Student Information System for each postsecondary data exchange partner.	Recommended – not sent by OUAC	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: This code set is the preferred code set to identify postsecondary schools in Canada.				
Comment: End of OrganizationIDGroup choice set tags				
LocalOrganizationID	Required	A code set to more specifically identify the registered institution	Recommended	minOcc 0 maxOcc 1
Comment: Additional information about the complex data element Local Organization ID will be shown on page 92				
NoteMessage	Optional Repeatable	Additional information about the organization	Not Recommended	minOcc 0 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:

<Registered*Organization*>
  <LocalOrganizationID>
  </LocalOrganizationID>
</RegisteredOrganization>

Board.School.Applicant.RegisteredData.RegisteredOrganization.LocalOrganizationID



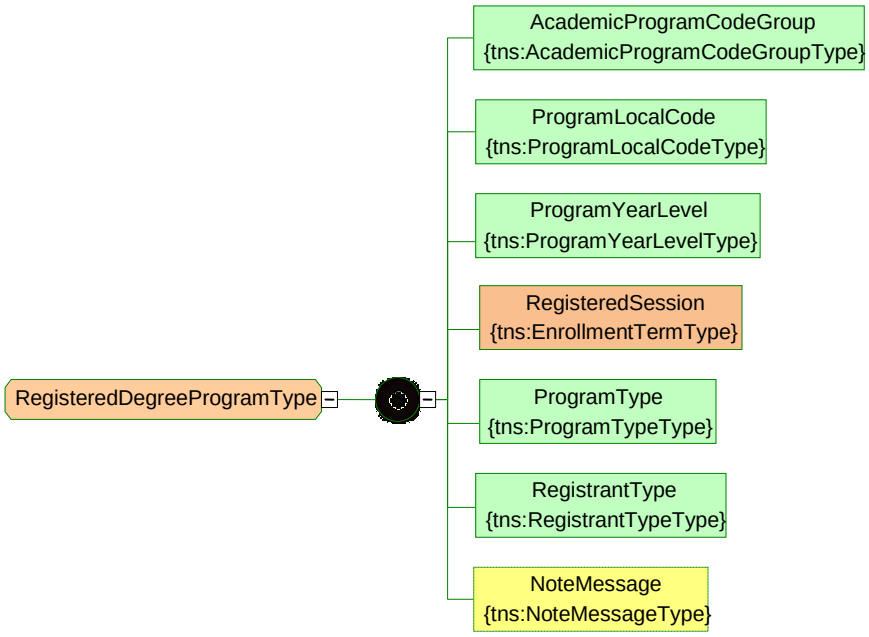
Tag Name	Schema Use	Description	Recommended Use	Format
LocalOrganizationIDCode	Required	A code set typically used by province or region to further identify the receiving school	Recommended	minOcc 1 maxOcc 1 **Enumerations:** 01 02 03 04 05 06 07 08 09 10 11 12 13 14 16 20 27 28 50 87
Comment: This field could be used to match up with REGUNI field of the HSTAT98P.				
LocalOrganizationIDQualifier	Optional	The name of the Organization	Optional	minOcc 1 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.RegisteredData.RegisteredDegreeProgram



Tag Name	Schema Use	Description	Recommended Use	Format
AcademicProgramCodeGroup	Required	The applicant's program registered to at the university	Required	minOcc 1 maxOcc 1 **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

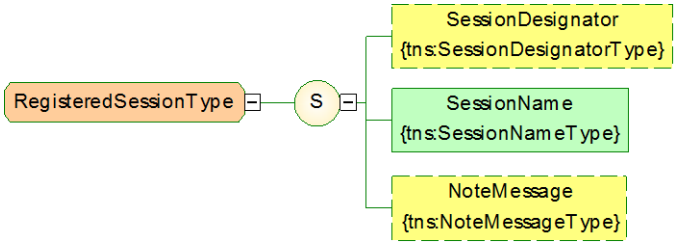
				Prelim Diploma Mathematics Ineligible
Comment: This field element matches the REGPGP field of the HSTAT98P.				
ProgramLocalCode	Required	Code used to identify the program registered to at the university.	Required	minOcc 1 maxOcc 1 minLength 2 maxLength 3
Comment: This field element matches REGPGM field of the HSTAT98P file. The naming convention for program codes is described in detail in the OUAC System Manual under element 715 and Appendix B.78.				
ProgramYearLevel	Required	Registered year level of Study for the applicant's university/program selection	Required	minOcc 1 maxOcc 1 **Enumerations:** PreLim FirstYear AnyYearAboveFirst
Comment: This field element matches the REGYRL field of the HSTAT98P. Further detail can be found in the OUAC System Manual under element 735.				
RegisteredSession	Required	The specific term or session for which the applicant is registered for	Required	minOcc 1 maxOcc 1
Comment: Further element details can be found on page 97				
ProgramType	Required	Records whether the program to which the applicant is registered to is a non-fall program or is at the diploma, first year or advanced standing level	Required	minOcc 1 maxOcc 1 **Enumerations:** OUACApplicant DiplomaFallFull FirstYearFallFull AdvStandChoice AdvStandDef Returning InvalidNotRegistered
Comment: This field element matches the REGPTP field of the HSTAT98P. OUACApplicant is the enumeration used when the applicant does not fall into the other enumerations. Returning refers to a registrant's choice to the same institution he/she previously attended.				
RegistrantType	Required	Records whether the registered applicant is a new registrant or a previous registrant	Required	minOcc 1 maxOcc 1 **Enumerations:** InSystem OutOfSystem Continuing NotRegistered
Comment: This field element matches the REGTYP field of the HSTAT98P. For further information concerning the classification of registrant types, please refer to the OUAC System Manual under element 730				
NoteMessage	Optional Repeatable	Additional information about the applicant's registration	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

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

Code Illustration:

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

Board.School.Applicant.RegisteredData.RegisteredDegreeProgram.RegisteredSession



Tag Name	Schema Use	Description	Recommended Use	Format
SessionDesignator	Optional	The academic session to which the applicant is applying	Not Recommended	minOcc 1 maxOcc 1 YearMonth (ccyy-mm)
Comment: The session designator is used to indicate the starting year and month of major academic terms within the school's calendar. For example, a typical fall term would begin in August or September. So for a fall term that begins in September of the year 2011, the value of this field would be "2011-09".				
SessionName	Required	Name of session	Required	minOcc 1 maxOcc 1 **Enumerations:** Fall Winter Spring Summer
Comment: For example, "Fall", "Winter" or "Spring". This field element matches the REGENR field of the HSTAT98P				
NoteMessage	Optional Repeatable	Additional information about the Academic Session	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code Illustration:

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

Appendix A

State and Province Codes Sorted by State and 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
CT	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
OH	Ohio
OK	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
AI	Anguilla
AQ	Antarctica
AG	Antigua And Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaijan
BS	Bahamas
BH	Bahrain
BD	Bangladesh
BB	Barbados
BY	Belarus
BE	Belgium
BZ	Belize
BJ	Benin
BM	Bermuda
BT	Bhutan
BO	Bolivia
BA	Bosnia And Herzegovina
BW	Botswana
BV	Bouvet Island
BR	Brazil
IO	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

CO	Colombia
KM	Comoros
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
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	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
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
ID	Indonesia
IR	Iran, Islamic Republic Of

IQ	Iraq
IE	Ireland
IM	Isle of Man
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	Mayotte
MX	Mexico
FM	Micronesia, Federated States Of
MD	Moldova, Republic Of
MC	Monaco
MN	Mongolia
ME	Montenegro
MS	Montserrat
MA	Morocco
MZ	Mozambique
MM	Myanmar
NA	Namibia
NR	Nauru
NP	Nepal
NL	Netherlands
AN	Netherlands Antilles
NC	New Caledonia
NZ	New Zealand
NI	Nicaragua

NE	Niger
NG	Nigeria
NU	Niue
NF	Norfolk Island
MP	Northern Mariana Islands
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau
PS	Palestinian Territory, Occupied
PA	Panama
PG	Papua New Guinea
PY	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
CS	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS)
SC	Seychelles
SL	Sierra Leone
SG	Singapore
SK	Slovakia
SI	Slovenia
SB	Solomon Islands
SO	Somalia
ZA	South Africa
GS	South Georgia And The South Sandwich Islands
ES	Spain
LK	Sri Lanka
SD	Sudan
SR	Suriname
SJ	Svalbard And Jan Mayen
SZ	Swaziland
SE	Sweden
CH	Switzerland

SY	Syrian Arab Republic
TW	Taiwan, Province Of China
TJ	Tajikistan
TZ	Tanzania, United Republic Of
TH	Thailand
TL	Timor Leste
TG	Togo
TK	Tokelau
TO	Tonga
TT	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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