DATA EXCHANGE IN QUEBEC

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TODAY’S TOPICS

- Background: Quebec Higher Education
- Current models of data exchange
- Looking to the future
BACKGROUND:
QUEBEC HIGHER EDUCATION
Quebec HE: An Overview

Programs and admission requirements approved by Quebec’s Ministry of Education

Pathway to a 120-credit undergraduate degree in Quebec

- Students in Quebec: Grade 11 HS diploma → 2 yrs of CEGEP → 3 yrs of university
- Students from outside Quebec: Grade 12 HS diploma → 4 yrs of university
CEGEP: Collège d'enseignement général et professionnel
- Pre-university or Technical Career programs
- Public CEGEPs: 43 French, 5 English
- DCS: Diploma of Collegial Studies
- 221,844 students; 47.8% pre-university

CEGEP students admitted to university
- Receive approximately 30 credits of advanced standing towards their undergraduate degree

CEGEP statistics: 2014/15, Full and part time, Federation des CEGEPs
Universities: 15 French, 3 English
- Publicly funded
- 308,000 students
- Top four in student population:
  - U de Montréal (48,000), U Laval (43,000), Concordia (38,000) and McGill (38,000)
- Four medical schools: McGill, U Laval, U de Montréal, U de Sherbrooke
- Université du Québec (UQ) network – 10 universities

University statistics: 2017/18, Full and part time, BCI
Bureau de coopération interuniversitaire

- An organization made up of a voluntary coalition of Québec universities

“…gives Québec universities the capability to monitor, analyze, collaborate, propose, and respond to issues…”

Subcommittees and development of collective work tools

- E.g. Quebec University Registrars’ Subcommittee
- E.g. Managing delivery of electronic CEGEP transcripts
CURRENT MODELS OF DATA EXCHANGE
Submitted electronically from CEGEPs to Ministry of Education

BCI acts as intermediary between Ministry and universities
  - Manages data submission to universities
  - A set schedule for each admission term
  - Transcript data submitted as XML

Transcript data also includes the Cote R aka R-score
  - \[ R \text{ score} = ((Z\text{col} \times IDGZ) + ISGZ + 5) \times 5 \]
  - Classification method used by universities for selecting applicants
  - Not the only criteria
CEGEP courses that meet university prerequisite requirements
  - Ministry-assigned equivalency codes

Receiving the data electronically allows universities to automate their admission
  - Auto decisions
  - Automated granting of advanced standing and exemptions
  - Automated checking of prerequisites
Long standing QC inter-university mobility agreement
- Allows students to take between 3-6 credits at a host Quebec university
- Regulations of host and home universities apply
- Successfully completed credits are transferred to home university program

BCI application/interface facilitates process
- Approval path
- Grade submission and transfer credit
- Current system is outdated technology – project to upgrade system in the works

Universities extract the transfer course and grade data in Excel format
QC INTER-UNIVERSITY E-TRANSCRIPT EXCHANGE

BCI secure server - FTPS
- Allows Qc universities to securely exchange official PDF transcripts

Current model is only via PDF

All Qc universities participate
- Sending – all except McGill
  - McGill partnering with the National Student Clearinghouse – starting December 2017
- Receiving – all
Admission Data
- Each fall and winter term: Universities submit applicant data to BCI
- Data poured into a cube: all universities have access for analysis

Enrolment Statistics
- Each fall term: Universities submit enrolment data to BCI
- BCI prepares a comprehensive report highlighting movements and trends
- Report is published on BCI website
LOOKING TO THE FUTURE
Quebec universities are open to inter-provincial and international data exchange

Important considerations for Quebec universities:

- Security: Very high priority
- Flexibility
- Sustainability:
  - Limited IT resources available
  - Take advantage of technology already being used, e.g. XML
QUESTIONS?
Thank You!

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