ICILS 2023
Progress Report

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Country participation and interest

The ICILS 2023 field trial
  - Issues and responses
  - Current status

Main survey preparation and next steps
Country participation and interest

32 countries/education systems confirmed

- Austria, Azerbaijan, Belgium (Flemish), Bosnia and Herzegovina, Chinese Taipei, Croatia,
  Czech Republic, Denmark, Finland, France, Germany, Germany (North Rhine Westphalia),
  Greece, Hungary, Italy, Kazakhstan, Kosovo, Latvia, Luxembourg, Malta, Netherlands,
  Norway, Oman, Portugal, Republic of Korea, Romania, Russian Federation (Moscow),
  Serbia, Slovak Republic, Slovenia, Spain, Sweden, United States and Uruguay

4 countries/education systems at different stages of participation but not yet formalized

- Brazil, Chile, Cyprus, and United Arab Emirates

Countries in **bold** (25) are completing both CIL and CT
Field trial instruments and instrument preparation

(September 2021 to May 2022)
Student instruments

- Prepared and delivered using RM Assessment Master

**CIL (core)**

- Tutorial/practice
- 30 min
- 1/6 CIL test modules
- 30 min
- 2/6 CIL test modules
- 30 min
- BIB design
- 30 permutations
- (CIL test forms)
- ~30 min
- Questionnaire
- 27 questions
- (196 items)
- Two forms (A and B)

**Break (15-45min)**

**CT (option)**

- Tutorial/practice
- ~10 min
- 25 min
- 1/6 CT test modules
- 25 min
- 2/6 CT test modules
- BIB design
- 30 permutations
- (CT test forms)

**3 trend and 3 new modules**

**60 CIL only test booklets**

**2 trend and 4 new modules**

**60 CIL + CT test booklets**
Adult questionnaires

• Prepared and delivered using IEA Online Survey System (OSS)
• Teacher: 27 questions, 286 items trialled across two alternative forms (including alternative formats of common content)
• ICT Coordinator: 24 questions, 129 items (one form)
• Principal: 27 questions, 150 items (one form)
Summary of field trial issues

• Rolling delays
  – Delivery of field trial student instruments for translation/adaptation
  – Resolution of layout verification issues
  – Delivery of ‘player’ software to be used in student data collection
  – Delivery of AM marker (including ISCO coding)
  – Slowness of release of corrections to problems (on weekends only)
  – Release of student data by RM

• Defects in AM content delivery
  – Student tasks not functioning as intended
  – Instability of system with issues “reappearing” or new issues being introduced
  – Problems of AM system load and performance
  – Issues with data saving, scoring accuracy and data structure in exports from RM

• Unreliable communication from RM about issues and resolution times

• Consequent issues associated with ISC staff resourcing and capacity to engage in planned processes
Responses to field trial challenges

- ICILS SharePoint site updated regularly (as soon as we received information) to keep NRCs informed of progress
- ISC team engaged in daily and extensive problem solving with countries and RM
- ISC Requested in late 2021 that countries reconsider their data collection windows and test as late as is possible for them in the 2022/2023 school year
- Layout verification requests classified by International Study Center according to priority (level of impact on student responses)
  - RM able to address issues that would otherwise compromise students’ capacity to respond to tasks
- ‘Staged’ scoring and occupation coding exercises in some countries
Field trial – current status
Field trial - successes

- Data from 29 countries
  - > 20,000 students
  - > 7800 teachers
  - > 580 ICT coordinators
  - > 600 principals
Field trial successes

• Largely due to the extraordinary goodwill, understanding, patience and flexibility of national center staff
• Also due to the tireless work of ISC staff and to the perseverance of RM staff
Field trial successes

- Data analyzed, international and national field trial reports presented to the fourth meeting of ICILS NRCs (Hamburg, 19 to 23 September)
- Decisions made regarding the content of the ICILS main survey instruments
Main survey preparation
Changes in project administration (RM)

- New project management structure
  - Including daily meetings with study director
- Capacity to release software fixes directly into production (rather than waiting for scheduled release cycle)
- Protection of ICILS delivery from other RM projects
Changes in project administration (ISC)

- Increased staffing
- Separate workflow of National Adaptation Forms for adult and student instruments
- ISC to complete structural adaptations for student questionnaires in AM system rather than relying on RM
- Introduction of preliminary layout verification using field trial sources to identify and resolve issues as early as possible
Preparedness for main survey

- All potential MS student material already used in the field trial except one trend module
  - The trend module is already also developed and finalized in AM
  - Field trial translations to be used as basis for main survey translations (instruments released on November 8th, 2022)
  - Expectation of relatively few layout verification issues for main survey (as all but a few known issues have been resolved for the field trial translations)

- Teacher, ICT-coordinator and principal questionnaires again to be prepared and delivered using IEA OSS
Preparedness for main survey (cont.)

- Extensive functional testing has continued following the field trial with further issues resolved
- Northern hemisphere countries asked to begin data collection as late as possible in the 2022/2023 school year
  - Negotiations ongoing with countries
Next steps

- Finalization of main survey instruments – October 2022
- Main survey instrument release – 8 November 2022
- Main survey field operations training (NH) – 21 to 23 November 2022 (virtual)
- Main survey scorer training (NH) – March/April 2023 (in person)
- Main survey data collection (NH) – March to July 2023
- Main survey field operations training (SH) – June 2023
- Main survey data collection (SH) – September to November 2023
Thank you

Questions?