ICCS 2022 progress report
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1 – 6 October 2022
Purpose and background

• Investigating ways in which young people are prepared to assume their role as citizens
• Monitoring trends in lower-secondary students’ civic knowledge, attitudes and engagement over time
• Addressing persisting and new challenges of educating young people
  – Changes in contexts for civic and citizenship education
  – Development of new focus areas for each new cycle
• ICCS 2022 is the 5th international IEA study of civic and citizenship education
  – IEA Civic Education Studies in 1971 and 1999
  – ICCS 2009 and 2016
Focus areas addressed in ICCS 2022

• Engagement through digital technologies
  – Broadening of ICCS 2016 content area use of new social media for engagement

• Diversity
  – New to ICCS 2022 but previous cycles addressed attitudes towards equal rights/responsibilities

• Young people’s views of the political system
  – Introduced in view of

• Sustainability
  – Broadening of ICCS 2016 content area environmental sustainability
  – Related to UN SDG 4.7

• Global citizenship
  – More explicit recognition of this overarching area
  – Related to UN SDG 4.7
Participants in ICCS 2022

Brazil, Bulgaria, Chinese Taipei, Colombia, Croatia, Cyprus, Denmark, Estonia, France, Italy, Latvia, Lithuania, Malta, North-Rhine Westphalia (Germany), Netherlands, Norway, Poland, Romania, Schleswig-Holstein (Germany), Serbia, Slovak Republic, Slovenia, Spain and Sweden

Countries using computer-based assessment (CBA) in **bold**

Country participation in Europe was supported by the European Commission
Assessment framework

• Finalised in May 2022

• Released as IEA web document in early June 2022

• Final Springer version to be published in October 2022
Status of main survey implementation

• Data collection
  – Implementation started in February 2022
  – Data collection now finalised in all countries with a Northern Hemisphere school calendar
  – Brazil as the only country with a Southern Hemisphere school calendar in this cycle commences its data collection in September 2022

• Processing of submitted data in progress
  – Delays experienced due to issues with computer-based delivery platform (RM) and (in some countries) the COVID-19 pandemic

• Preparations of main survey analysis and scaling have commenced using first cleaned datasets for selected countries
Computer-based delivery

• For the first time implemented in ICCS
  – Two thirds of ICCS 2022 countries participated in this option

• Platform developed by RM Results Australia (formerly SoNET)
  – Administration of student test, international and regional student questionnaires
  – Computer-enhanced items as part of civic knowledge test
  – Includes online delivery of teacher and school questionnaires (optional)

• Assessment of mode effects (for ICCS 2016 countries)
  – Bridging study conducted as part of main survey

• Unfortunately, wide range of issues with platform experienced from instrument set-up to data downloads
  – Delays and potential for (limited) data loss in a few cases
Main survey instruments for data collection

- **Student test**: 11 clusters for both modes plus three computer-enhanced item clusters
- **Student questionnaire**: Approximately 40 minutes gathering information on student background, school contexts, attitudes and engagement
- **Teacher questionnaire**: Up to 30 minutes gathering data on teacher perceptions including option for teachers of civic-related subjects
- **School questionnaire**: Up to 30 minutes gathering school-level information
- **European questionnaire**: 10-15 minutes gathering region-relevant student perceptions
- **Latin American questionnaire**: 5-10 minutes of trend material from previous cycles
Main survey design aspects

• Delivery mode
  – Computer-based or paper-based delivery (student, teacher and school instruments)
  – In each country students did only either CBA or PBA
  – Depending on national preferences, teachers and/or school principals may have had the option to choose the delivery mode

• Bridging Study
  – For countries using CBA that participated in ICCS 2016
  – 8 PBA clusters plus student questionnaire items were administered to additional sample
  – Extra classroom and/or additionally sampled schools
Issues related to the COVID-19 pandemic

• Impact on field trial
  – Diminished sample sizes in some countries and/or delays with implementation
  – In some countries the FT had to be suspended prior to its completion

• Change in study schedule
  – Southern Hemisphere data collection in late 2022
  – Change still allows sufficient time for development and release of international report in Dec 2023

• Impact on main survey
  – Reported in only by some national centres
Recent developments with potential impact on results

• Experience with COVID-19 pandemic
  – Some additional item material was integrated prior to the field trial (such as perceptions of restrictions in national emergencies, trust in scientists)

• Ukraine crisis as result of the Russian invasion
  – Increase in refugee students in some countries
  – Potential impact on perceptions such as attitudes toward immigration, views of personal future, or attitudes toward Europe
  – Some countries administered additional national item material to students

• Increasing concerns about climate change impacts
  – Focus area for ICCS 2022 (environmental sustainability)

• Ongoing growths of populist movements and political instability
  – Potential impact in some countries
  – New material regarding these issues as part of focus area (political system views)
Main survey scaling

• Equating and mode effects adjustments
  – Equating to scales established in previous cycle(s) through link item material
  – Estimating potential adjustments for mode effects (bridging study)
  – Review of alternative equating approaches to confirm reported trends

• Scale(s) based on test data
  – Civic knowledge scale (plausible values, set to historical scale established in ICCS 2009)
  – Further review of potential for reporting sub-scales (e.g. reflecting content related environmental sustainability and global citizenship)

• Scales based on questionnaire data
  – Constructs established in previous cycles
  – New constructs
  – Review of established IRT scores and reporting metric
Main survey analysis and reporting

• Extensive analyses required to explore mode effects using comparisons between core and bridging data

• Analysis procedures to follow established practice for this study
  – Descriptive analyses (percentages, averages, correlations)
  – Multi-variate analyses (single or multi-level regression models)

• Types of content-related reports
  – International report (study findings in general)
  – European regional report (study findings mainly from European student questionnaire and Europe-related optional item material)
  – Latin American regional report not useful given the participation of only two countries (Brazil and Colombia)

• International Report structure
  – Structured by research questions (as in ICCS 2016) and/or focus areas (to be discussed further)
Next steps

• Main survey data processing stage
  – In progress

• Main survey data scaling and analysis stage
  – In preparation with main period starting from October 2022 to April 2023

• Report preparation
  – International report (preparation stage: Dec 2022 to March 2023; draft stage: April to June 2023; review/editing stage July to Oct 2023; release: Dec 2023)
  – European report (currently expected on a similar timeline as for the international report)
  – Technical report (preparation to start from mid-2023 with release in April 2024)
Meetings in 2023

- Project Advisory Committee online meeting scheduled for 30 Jan, 1 and 2 Feb 2023
  - Discussion of preliminary main survey results and preparation of international study report

- NRC meeting scheduled for 6-9 March 2023 in Madrid
  - Review of main survey results and discussion of reporting strategy

- Project Advisory Committee meeting to be held in May 2023 (planned location: Stockholm)
  - Review of international/European draft report material

- NRC meeting in June/July 2023 (location not yet decided)
  - Final review of international/European draft reports
ICCS 2022 and beyond

- ICCS 2022 international database will be released in March 2024
  - Expectations of wide range of future secondary research based on these data
  - New content areas will broaden scope of research regarding this learning area

- Next cycle planned for 2027
  - New focus areas to be identified
  - Continuing indicators for measurement of changes over time
  - Hope to increase country participation for the next survey (in particular in Latin America and Asia)
  - Digitalisation of citizenship engagement to be investigated further
Thank you!
¡Muchas gracias!
Merci bien!
Mille grazie!
Bedankt!
Dzięki!
Obrigado!
Vielen Dank!

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