



ICCS 2022 progress report

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Researching education, improving learning



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

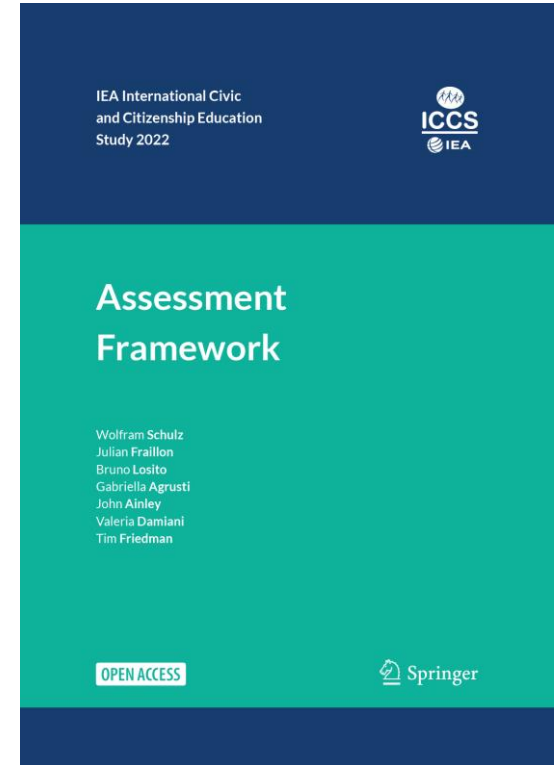
Brazil, Bulgaria, Chinese Taipei, Colombia, Croatia, Cyprus, Denmark, Estonia, France, Italy, Latvia, Lithuania, Malta, North-Rhine Westphalia (Germany), Netherlands, Norway, Poland, Romania, Schleswig-Holstein (Germany), Serbia, Slovak Republic, Slovenia, Spain and Sweden

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

Country participation in Europe was supported by the European Commission

Assessment framework

- Finalised in May 2022
 - Schulz, W., Fraillon, J., Losito, B., Agrusti, G., Ainley, J., Damiani, V., & Friedman, T. (2022). *IEA International Civic and Citizenship Education Study 2022. Assessment Framework*. Cham: Springer.
- 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 chose 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!
Dzięk!
Obrigado!
Vielen Dank!

谢谢你
Хвала вам
Mange tak!
БЛАГОДАРЯ МНОГО
MULTUMESC MULT

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