

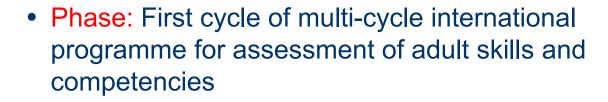


Programme for International Assessment of Adult Competencies (PIAAC)

Overview, Project Status/ Schedule, Quality Control of Survey Operations on a Multinational Survey

Pat Montalván, Westat





- Sponsor: Organization for Economic Co-operation and Development (OECD)
- Management Group: Consortium of international organizations from Europe and North America headed by Educational Testing Service (ETS)

Westat responsible for sampling and survey operations

 Goal: Assess level and distribution of adult skills across countries focusing on cognitive and work place skills needed for successful participation in economy and society of 21st century





Overview (continued)

- Sample Characteristics
 - Probability-based designs (vary by country)
 - Area samples
 - List samples
 - Adults aged 16-65
 - Minimum of 5,000 adults in each participating country
- Data Collection Mode
 - In-person CAPI interview
 - CAPI or PAPI assessment





Participating Countries (28)

PIAAC

Austria France Norway

Australia Germany Poland

Belgium Hungary Portugal

Canada Ireland Slovak Republic

Chile* Italy Slovenia*

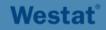
Cyprus* Japan Spain

Czech Republic Korea Sweden

Denmark Malta* United Kingdom

Estonia* Netherlands United States

Finland

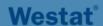


^{*}Non-member economies participating



Key Information Collected

- Demographic characteristics
- Educational and training background
- Job history, professional attainment, and selected social aspects
- Use of literacy, numeracy, and technology skills in daily life
- Ability to use information in a technology-rich environment





Timetable



2007-2009 Develop assessment framework, technical standards and guidelines, survey instruments, computer platform

2010 Conduct field test

2011-2012 Conduct main survey

2012-2013 Analyze data, produce international report





Quality Control (QC) Plan Survey Operations

- Consortium (Westat) proposed to OECD and Board of Participating Countries (BPC) a program that represents best tradeoff of quality and cost within constraints of survey
- July 2008, PIAAC Technical Advisory Group (TAG) approved the QC plan for survey operations





Principal Objectives QC Plan

- Undertake activities that ensure Survey Operations Technical Standards and Guidelines are implemented during field test and main study
- Review progress and identify potential problems and solutions on a timely basis during field test and main study
- Encourage oral and written communication between Consortium and countries





Principal Objectives QC Plan (continued)

- Provide countries with timely answers to questions, feedback, and help with problem-solving
- Identify sources of nonsampling error in survey operations
- Make recommendations to enhance main study based on field test experience
- Make recommendations for next cycle of PIAAC





QC Plan Components 1. Data Collection Calls

- Conduct monthly conference calls with each country throughout critical field test/main study data collection period
- Call participants should include country National Project Manager (NPM), key survey institute staff (English speaking), and key Westat operations staff
- Calls will be documented in QC meeting minutes report summarizing items discussed, decisions made, and pending action items



QC Plan Components 2. Data Collection Monitoring Reports

- Countries must complete monthly monitoring reports on data collection activities
- Monitoring reports will guide conference call discussion
- Reports will be accessed via Web-based SharePoint site





QC Plan Components 2. Data Collection Monitoring Reports (continued)

- Report topics (examples)
 - Prior to data collection—training plans, materials development status, field staff hiring and training data
 - During data collection—completion and response data, status of validation, interviewer attrition rates, strategies for avoiding nonresponse
 - After data collection—number of field staff employed, average number of completed interviews per interviewer, final response rates, interviewer falsification rates, status of data cleaning efforts





QC Plan Components 3. On-going Web Communication

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 Westat will respond to countries' questions related to survey operations throughout planning and implementation phases of data collection via SharePoint





QC Plan Components 4. Interviewer Training Report

- Westat will design an interviewer training report to be completed by both NPM and survey institute at completion of each interviewer training session in each country
- Report will be used during field test and main study
- Key findings will be summarized in a training report





QC Plan Components 5. Interviewer Debriefing Questionnaire and Report

- Westat will design an interviewer debriefing questionnaire to be completed at end of field test and main study
- Debriefing questionnaire will obtain interviewer feedback on instruments and procedures
- Feedback will inform subsequent design and implementation phases
- Key findings will be summarized in debriefing report





QC Plan Components 6. Data Collection Field Test Report

- Following field test, Westat will prepare a report covering key survey operations activities including quality control
- This report will be published with sufficient lead time to ensure countries have adequate time to implement major recommendations





QC Plan Components 7. Final Quality Control Report

PIAAC

 Westat will produce a chapter on survey operations quality control for the final PIAAC Quality Control Plan and Report delivered at the end of survey





Thank you

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