Overview

- What is PIAAC Cycle 2?
- What’s new for Cycle 2?
- Why is this survey important?
- Bonus opportunity while you are waiting for Cycle 2 data
What is PIAAC Cycle 2?

• PIAAC is a household survey of adults 16-65 years of age in 33 participating countries

• It provides the direct assessment of 3 cognitive domains—literacy, numeracy & a new domain called adaptive problem solving

• Extensive BQ that provides a broad range of information that sheds light on the distribution of cognitive skills, why these skills are important and factors that contribute to skill acquisition and decline
<table>
<thead>
<tr>
<th>Country</th>
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Structure of the background questionnaire

A: Socio-demographic
B: Education & Training
C: Current status / Work History
D: Current Work
E: Last Job
F: Skill use – work
G: Skill use – everyday life
H: Work environment
I: Non-economic outcomes
J: About yourself
K: Social emotional skills (Big 5)
What’s new for Cycle 2?

• Update conceptual frameworks for each of the cognitive domains as well as for the background questionnaire
• Extend the measurement of literacy and numeracy skills by creating new items that reflect the updated frameworks
• Include component measures of both reading and numeracy
• Include adaptive problem solving as a new domain
• Introduce the use of a tablet platform to extend the range of adults who can participate in technology based assessments
• Expand access to and use of log-file and process data
Advantages of Tablet Delivery for Cycle 2

- Expand the types of information collected and the range of adults who are able to participate in technology based assessments
- Improve data quality and scoring efficiency with automated data capture and scoring
- Timing and process data can be collected for items across all participants
- Adaptive testing can be used for all respondents
- Scoring burden is eliminated for countries
- Item-by-country interactions due to delivery differences will be eliminated
Why is PIAAC an Important Assessment?

• It broadens and complements the type of information that is collected in school-based surveys
• It deepens our understanding of the relationships between education, skills and life outcomes
• It provides important information on trends over time and among selected subgroups
• It draws the interest of a diverse group of researchers
• It will provide increased access to log-file and process data
**Additional Cycle 1 data to be available in 2019**

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Questions?

For more information contact:

ikirsch@ets.org

https://www.ets.org/research/report/opportunity/
Global ICT Developments, 2001 - 2017

PIAAC 1

Graph showing trends in mobile cellular telephone subscriptions, individuals using the Internet, fixed broadband subscriptions, fixed telephone subscriptions, and active mobile broadband subscriptions per 100 inhabitants from 2001 to 2017.
Nearly half of PBA respondents were above 55 in cycle 1, and they will be above 65.
PIAAC Cycle 1 was the first survey of adult skills to ...

- be fully designed as a computer-based assessment
- include a complex design that provides a statistical link over time and across modes
- utilize multi-stage adaptive testing
- include fully automated scoring of open-ended items
- incorporate a broader range of information available in the log files to refine scoring and model proficiency information
The Direct Assessment

Components

LITERACY

NUMERACY

Components

APS