PIAAC: ITS USE AND IMPACT

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Purpose

- to give an overview of how has PIAAC data been used,
- and offer some reflections on its impact
Access to data

• To be used, data must be accessible with documentation available
• Considerable effort put into ensuring access
  – PUFs, Data Explorer, analysis tools, documentation
• What could be improved?
  – Countries taking less strict interpretations of data protection requirements for Public Use Files (PUFs)
  – Release national Scientific Use Files where PUFs contain aggregated data for key variables
Publications using PIAAC data

• OECD
  – International reports
  – PIAAC Thematic reports
  – Use of PIAAC data in other areas

• Participating countries
  – National reports
  – Commissioned studies

• Academic papers
  – Well over 300
• **Review paper by John Martin (Martin, 2018)**
  

• **PIAAC Bibliography**

Conferences

• 5 international PIAAC conferences (OECD)
• National conferences
  – Germany
  – US
  – Nordic countries
Spin-offs and extensions

• Education and Skills Online
• STEP
• Longitudinal studies based on PIAAC samples
  – Canada
  – Germany
  – Italy
  – Poland
Spin-offs and extensions

• Follow-up of PISA samples
  – Denmark
  – Singapore

• Linked PIAAC-admin data data sets
  – Canada
  – Italy
  – Netherlands
  – Nordic countries
  – New Zealand
Methods

- Computer-based testing
  - PIAAC was the first large scale international assessment to be delivered on computer
- Quality control
- Data forensics
Policy impact?

• How to measure?
• Direct or ‘first order’ impact - a PIAAC ‘Shock’?
  – No equivalent to the PISA ‘shock’ in Germany in 2000
• Indirect of diffuse impact
  – Help policy makers and those who advise them to think more clearly about questions of skill development, maintenance and loss, skill match/mismatch, lifelong learning etc.
Policy impact?

• Direct impacts
  – US
  – England

• Indirect
  – Considerable academic work
  – Skills match/mismatch
  – Inequality
  – Credentials/skills
  – Skills build on skills
  – Low proficiency
  – Migration
Find Out More About PIAAC at:

www.oecd.org/site/piaac
All national and international publications
The complete micro-level database

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Thank you