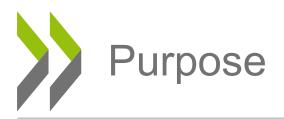


# PIAAC: ITS USE AND IMPACT

2018 AIR PIAAC Research-to-Practice Conference: Arlington ,Virginia, 6-7 December 2018.
William Thorn, OECD





- 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)

Martin, J. (2018), "Skills for the 21st century: Findings and policy lessons from the OECD survey of adult skills", OECD Education Working Papers, No. 166, OECD Publishing, Paris, <a href="https://doi.org/10.1787/96e69229-en">https://doi.org/10.1787/96e69229-en</a>

## PIAAC Bibliography

Maehler, D. B., Bibow, S., & Konradt, I. (2018). PIAAC Bibliography - 2008-2017 (GESIS Papers, 2018/03). Köln: GESIS - Leibniz-Institut für Sozialwissenschaften. <a href="https://nbn-resolving.org/urn:nbn:de:0168-ssoar-56014-4">https://nbn-resolving.org/urn:nbn:de:0168-ssoar-56014-4</a>



- 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



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



- 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.



- 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



### Thank you