ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

ORGANISATION DE COOPÉRATION ET DE DÉVELOPPEMENT ÉCONOMIQUES

Job description
Junior Analyst/Researcher, Junior Professional Officer, Grade PAL4
Statistics and Data Directorate
Trade and Productivity Statistics

The Organisation for Economic Co-operation and Development (OECD) is an international organisation comprised of 38 member countries, that works to build better policies for better lives. Our mission is to promote policies that will improve the economic and social well-being of people around the world. Together with governments, policy makers and citizens, we work on establishing evidence-based international standards, and finding solutions to a range of social, economic and environmental challenges. From improving economic performance and creating jobs to fostering strong education and fighting international tax evasion, we provide a unique forum and knowledge hub for data and analysis, exchange of experiences, best-practice sharing, and advice on public policies and international standard-setting.

The Statistics and Data Directorate (SDD) provides statistics and data on a comparable basis and from a variety of sources to analysts, policy makers and members of civil society. SDD also develops new metrics and innovative digital tools to address emerging policy issues, leads the development of international statistical standards, advances statistical methodology and co-ordinates statistical and data-related activities within the Organisation and with other international agencies.

Within SDD, the Trade and Productivity Statistics Division (TPS) oversees the development and dissemination of productivity, prices, purchasing power parities, labour, business and international trade statistics and undertakes studies related to measurement in these fields, using both "traditional" data and approaches, as well as new data and novel methods (like machine learning or language modelling). To that end, the Directorate and the Division co-operate and communicate closely with other OECD Directorates (e.g. with the Directorate for Science, Technology and Innovation or with the Environment Directorate, and others), as well as with other International Organisations (e.g. Eurostat, the IMF, World Bank, etc.).

SDD/TPS is looking for a Junior Analyst/Researcher with sound analytical and programming skills in statistics and economics as well as a strong sense of innovation, to contribute to the OECD work on short-term labour market statistics, productivity, PPPs and price statistics. The candidate person will also participate in research activities supporting the construction of these statistics and their use to inform economic policy.

The selected candidate will report to the Head of the Productivity, Prices and Labour Market Statistics Section and will work with a diverse team of enthusiastic professionals in a collegial environment. This role presents candidates with a unique opportunity to develop their knowledge of labour markets, productivity, prices measurement and inflation and many other related indicators and statistics. The candidate will have the opportunity to work closely with experts in the field of productivity and price statistics and work in a dynamic environment, where new approaches and methodologies are being implemented and tested. In addition, the candidate will gain insights on how international organisations (not only the OECD, but the Division has close cooperation with other IOs like Eurostat, United Nations or the World Bank) and national statistical offices work. The selected candidate will have experience with producing and/or using macroeconomic statistics, as well as excellent quantitative, analytical and communication skills.

Main Responsibilities

The candidate will contribute to a wide range of research/analytical and data-related tasks and projects of the Productivity, Prices and PPPs section within the TPS division, including but not limited to the following:

- Research support to ongoing research projects in the Division (examples of some of the ongoing projects currently include: Estimation of shadow prices of pollution to derive environmentally adjusted multi-factor productivity, investigation of state-of-the-art methods like Bayesian estimation for Stochastic Frontier Analysis for that purpose; Analysis of the developments of multi-factor productivity over the business cycle; Nowcasting of productivity using Machine Learning methods; Seasonal adjustment of price statistics with respect to big shocks, like the Covid pandemic; Overview of Artificial Intelligence impact estimates on productivity, etc).
- Contributing to TPS publications and presentations, summarising complex economic and financial statistics clearly for non-technical audiences, including through articles, blogs and data visualisations
- Analytical and methodological support, e.g. contribution to development of tools and codes/programmes used within the Division (e.g. coding procedures in R/Python, visual tools like the House Price Tracker tool, etc).
- Compilation, data validation, manipulation and dissemination of productivity and price/PPP related statistics and indicators (e.g. currently the team is working on Estimation of multi-factor productivity for individual industries, which will be a novel contribution to the OECD Productivity database, etc).
- Participate in meetings and workshops, conferences and expert groups, as appropriate.

Ideal Candidate Profile

Academic Background
- An advanced university degree in statistics, economics, or econometrics, with a strong foundation in quantitative analysis, statistics or other related discipline.

Professional Background
- A minimum of two years of relevant experience in the collection and/or analysis of economic statistics.
- Experience in the dissemination of analytical results to a variety of audiences in a compelling way.
- Experience contributing to reports, statistical and analytical papers and briefs.

Tools
- Proficiency with statistical software such as R, STATA and/or Python.
- Proficiency in the use of standard (Microsoft Office) applications.

Skills
- Strong quantitative and analytical skills.
- Excellent written and oral communication skills.
- Curiosity and willingness to learn.
- Good knowledge of economics, in particular macroeconomic concepts related to productivity and prices

Languages
- Fluency in one of the two OECD official languages (English and French) and a knowledge of, or a willingness to learn, the other.

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Core Competencies

- OECD staff are expected to demonstrate behaviours aligned to six core competencies which will be assessed as part of this hiring processes: Vision and Strategy (Level 1); Enable People (Level 1); Ethics and Integrity (Level 1); Collaboration and Horizontality (Level 1); Achieve Results (Level 2); Innovate and Embrace Change (Level 2).
- There are three possible levels for each competency. The level for each competency is determined according to the specific needs of each job role and its associated grade.
- To learn more about the definitions for each competency for levels 1-3, please refer to OECD Core Competencies.

Contract Duration

- One-year fixed term appointment, with the possibility of renewal.

What the OECD offers

- Monthly base salary starting from 5,902 EUR, plus allowances based on eligibility, exempt of French income tax.
- Click here to learn more about what we offer and why the OECD is a great place to work.
- Click here to browse our People Management Guidebook and learn more about all aspects relating to people at the OECD, our workplace environment and many other policies supporting staff in their daily life.