Sources for international, regional and national-level teacher data

Updated 12 February 2021
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| UNESCO Institute for Statistics (UIS) annual survey | Administrative                                                              | The UIS collects data on education from UNESCO Member States to produce internationally comparable indicators including on teachers to track SDG 4. It also produces projections on teacher shortages at global and regional levels to meet SDG4. | • Numbers of teachers  
• Percentage of female teachers  
• Pupil-teacher ratios  
• Percentage of trained/qualified teachers  
• Teacher attrition  
• Official projections on teachers needed to meet SDG4. | World                | All                                | Annual                        |
| Organisation for Economic Co-operation and Development (OECD): Education at a Glance | Administrative                                                              | The OECD’s Education at a Glance study collects teacher data from Member and some non-member countries for an annual report.                                                                 | • Teacher salaries  
• Students per teaching staff  
• Female teachers  
• Teachers by Age  
• Teaching hours  
• Teaching staff  
• School principals | OECD Member States (including a few non-member countries) | All                                | Annual                        |
| Eurostat                             | Administrative                                                              | Eurostat collects teacher data from EU member states and candidates countries.                                                                                                                                  | • Teacher numbers, by education level, programme orientation, sex, age groups, type of institution and employment status  
• Teacher numbers by employment status as a percentage of total active population  
• Pupil-teacher ratios  
• Distributions of teachers by age groups, sex and employment status  
• Distribution of female school management personnel as a percentage of total school management | European Union (EU) Member States and candidates | All                                | Annual                        |
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| The OECD Teaching and Learning International Survey (TALIS) | Teacher survey | TALIS is a survey of teachers in OECD countries to inform better policy making and teacher practice. | ● Teacher education and initial preparation  
● Teaching practices  
● School leadership  
● Teacher feedback and development  
● School climate  
● Job satisfaction  
● Teacher human resource issues and stakeholder relations  
● Teacher self-efficacy | 48 participating members (OECD Member States and other selected middle income countries) | Primary and secondary | Every six years |
| IEA Teacher Education and Development Study in Mathematics | Teacher survey | IEA’s (TEDS-M) is a survey of candidates for the teaching profession (maths teacher). | ● Teacher education  
● Teacher employment and working conditions  
● Teacher content and pedagogical knowledge, preparedness to teach  
● Teacher educator characteristics  
● Beliefs about mathematics learning  
● Perceptions of opportunity to learn | 17 countries (high income and middle income) | Primary and secondary | Conducted in 2007-2008 |
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| **Trends in International Mathematics and Science Study (TIMSS) and the Progress in International Reading Literacy Study (PIRLS)** | Large scale learning assessments | • Teacher characteristics  
• Teacher preparation and professional development  
• Teacher perception  
• Teaching practices  
• Teaching experience | TIMSS: 64 high- and middle-income countries and benchmarking entities  
PIRLS: 50 countries and 11 benchmarking entities | Teachers in Grade 4 and Teachers in Grade 8 for Maths and Science | Every 5 years |
<p>| <strong>OECD Programme for International Student Assessment (PISA)</strong> | Large scale learning assessments | PISA measures secondary students’ ability to use their reading, mathematics and science knowledge and skills to meet real-life challenge. | OECD Member States and other territories (Total of about 94 high- and middle-income countries) | Teachers of pupils aged 15 years (i.e. secondary education) | Every 3 years |
| <strong>Programme d’analyse des systèmes éducatifs de la S (PASEC)</strong> | Large scale learning assessments | PASEC is a regional learning assessment | 15 countries from Francophone Africa | Teachers of pupils at grade 2 and 6 | Every 5 years |</p>
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| Third Regional Comparative and Explanatory Study (TERCE)                        | Large scale learning assessments                 | TERCE is a regional learning assessment collecting data from Latin American countries.                  | ● Teacher characteristics  
● Teacher perceptions  
● Teaching practices                                                                                     | Latin American countries     | Teachers of grade 6 pupils      | Every 5 years                  |
| Southeast Asia Primary Learning Metrics (SEA-PLM)                              | Large scale learning assessments                 | The SEA-PLM is a regional assessment of learning outcomes to inform policy-making and ensure all children achieve meaningful learning. | ● Teacher characteristics  
● Teacher initial education and continuing professional development  
● Teacher perceptions  
● Teaching practices                                                                 | 6 countries from South East Asia (Cambodia, Lao PDR, Malaysia, Myanmar, Philippines and Viet Nam) | Teachers of grade 5 pupils | -                             |
| World Bank – Service Delivery Indicators                                       | Large scale learning assessments                 | The Service Delivery Indicators project is a new Africa-wide initiative that tracks service delivery in education and health across countries and over time. | ● Teacher content knowledge and pedagogical practices  
● Teacher characteristics and impact on grade 4 pupils’ learning outcomes                                  | Africa                       | Grade 4 teachers               | -                              |
| World Bank: TEACH                                                               | Classroom observations                            | Teach is a free classroom observation tool that provides a window into one of the less explored and more important aspects of a student’s education: what goes on in the classroom. | ● Teaching practices                                                  | Low and middle-income countries | Primary                        | -                              |

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