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| **Council 2019Geneva, 10-20 June 2019** |  |
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|  | **Document C19/INF/16-E** |
| **6 June 2019** |
| **English only** |
| Report by the Secretary-General |
| IMPLEMENTATION OF RESOLUTION 131 (rev. dubai, 2018) – MEASURING INFORMATION AND COMMUNICATION TECHNOLOGIES TO BUILD AN INTEGRATING AND INCLUSIVE INFORMATION SOCIETY |

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| SummaryThis document provides more details on staffing levels and workload of the ICT Data and Statistics Division.Action requiredThis document is transmitted to the Council for information.\_\_\_\_\_\_\_\_\_\_\_\_References*Council documents* [*C19/10*](https://www.itu.int/md/S19-CL-C-0010/en)*,* [*C19/96*](https://www.itu.int/md/S19-CL-C-0096/en) |

In response to the request of Côte d'Ivoire in Council Document 96, we are pleased to provide three sections that provide more details on staffing levels and workload of the ICT Data and Statistics Division.

1. **Standard profiles of individuals and their number per profile, necessary for the work of the ICT Data and Statistics Division**

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| --- | --- | --- | --- | --- |
| **Function** | **Grade** | **Profile/tasks** | **Number required** | **Number in the division** |
| Head of Division | P5 | General management of the Division and overall responsible; international cooperation | 1 | 1 |
| Senior Statistician | P4 | Responsible for statistical work of the Division, including the IDI; international cooperation; capacity building | 1 | 1 |
| Senior ICT Analyst | P4 | Responsible for analytical work of the Division and the WTIS; international cooperation; capacity building | 1 | 1 |
| Data scientist | P4 | Big data analytics, machine learning, artificial intelligence; capacity building | 1 | 0 |
| Statistician | P3 | Responsible for specific data collections (telecommunication indicators, prices and household indicators); methodological developments, including Expert Group on Telecommunication Indicators and Expert Group on Household Indicators; contribute to statistical and analytical outputs; capacity building | 3 | 1 (one since May 2019) |
| IT specialist | P3 | Develop and support automated data collection, entry and dissemination; database management; and visualization tools | 1 | 0 |
| Statistical assistant | G5 | Data collection, verification and entry; design, formatting and dissemination of data across a variety of media | 2 | 1 |
| Administrative assistant | G5 | Administrative tasks and website updates | 1 | 1 |

1. **Current workload of the staff in the ICT Data and Statistics Division**

Although the document states that we currently have 7 staff members, the statistician on household statistics only started in May 2019, and the statistician on telecommunication indicators is currently under recruitment, with the position filled by a temporary staff

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| **Function** | **Grade** | **Profile/tasks** |
| Head of Division(acting, part-time) | P5 | * General management of the Division and overall responsible
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| Senior Statistician | P4 | * Responsible for all statistical work of the Division, including the ICT Eye
* Data collection, verification and entry of telecommunication indicators
* Produce estimations needed for the IDI and MISR
* Produce the IDI
* All statistical outputs, including the World Telecommunication/ICT Indicators Database and the Yearbook of Statistics
* Contribute to the organisation of the World Telecommunication Indicators Symposium
* Steering Committee of the Partnership on Measuring ICT for Development
* Organising the Expert Group on Telecommunication Indicators meeting, including the Forum and the subgroups
* Overseeing the Revision of the Telecommunication Handbook
* Big data
* International cooperation (e.g. collaboration with OECD, Eurostat, UNSD)
* Capacity building activities in Asia-Pacific and the Americas
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| Senior ICT Analyst | P4 | * Responsible for all analytical publications, including Facts and Figures, ICT Prices, Measuring the Information Society Report
* Overall organisation of the World Telecommunication Indicators Symposium
* Organising the Expert Group on Households meeting, including the Forum and the subgroups
* Overseeing the Revision of the Household Manual
* Partnership Task Group on ICT indicators for the SDGs
* Capacity building activities in the CIS region, the Arab States and Africa
* International cooperation
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| Statistician (household statistics, since May) | P3 | * Data collection, verification and entry of household ICT data
* Estimation of household ICT data
* Managing the household ICT database
* Contributing to the Expert Group on Households meeting, subgroup and Forum
* Contributing to the Revision of the Household Manual
* Contributing to statistical and analytical outputs
* Capacity building
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| Statistician (telecommunication indicators) (under recruitment, currently with temporary staff) | P3 | * Data collection, verification and entry of telecommunication and price data
* Estimation of telecommunication data
* Managing the telecommunication ICT database
* Contributing to the Expert Group on Telecommunication Indicators meeting, subgroup and Forum
* Contributing to statistical and analytical outputs
* Capacity building
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| Statistical assistant | G5 | * Data collection, verification and entry
* Design, formatting and dissemination of data across a variety of media
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| Administrative assistant | G5 | * Administrative tasks and website updates
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1. **Number of indicators measured by international organisations**

Before elaborating on the number of indicators produced by international organisations, it should be noted that in the table comparing the statistical staff at ITU with statistical staff at other international organisations, at ITU the work is not limited to statistical work but also includes analysis of the data collected, which is usually not the case in the other international organisations mentioned in the table.

Concerning the question on the number of indicators, it is very hard to say precisely how many indicators[[1]](#footnote-1) each organisation collects. If one considers all breakdowns and units, the number rapidly increases. Organisations may not publish all indicators on their website, and if they do, they may do so in the form of databases which make it hard to count the number of indicators it contains. For example, at WTO, they don't count the number of indicators. They have several databases and based on Members’ needs; the necessary indicators are generated. Therefore, we focus here only on the number of indicators compiled by ITU.

Three types of data collection take place each year, collecting the following number of data points:

* ICT Price Basket Questionnaire 68 data points[[2]](#footnote-2)
* WTI questionnaire 67 data points
* Household questionnaire 6,900 data points

Each data point can already be considered an indicator, but this must be multiplied by the number of denominators possible. For example, price data can be shown in national currency, in USD, in USD PPP and as a percentage of GNI p.c., so each price data point leads to four indicators. Household data can be expressed in absolute numbers and as a percentage, etc. When we take all of this into account, ITU compiles approximately **14,200 indicators each year.**

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1. A statistical indicator is a data element that represents statistical data for a specified time, place, and other characteristics. [↑](#footnote-ref-1)
2. A **data set** (or **dataset**) is a collection of data. Most commonly a **data set** corresponds to the contents of a single database table, or a single **statistical** data matrix, where every column of the table represents a particular variable, and each row corresponds to a given member of the **data set** in question. [↑](#footnote-ref-2)