



# BOTSWANA ENVIRONMENTAL STATISTICS SELF-ASSESSMENT TOOL (ESSAT) RESULTS

OUTCOME OF THE SITUATIONAL ANALYSIS

KWASHIRAI CHIGODORA

STATISTICS BOTSWANA

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# OUTLINE

- **Background to the ESSAT in Botswana**
- **Summary of Part II Results**
- **Notes**

# BACKGROUND

- ESSAT conducted as a situation analysis for the establishment of an Environment Information System (EIS)
- through a collaboration between the Ministry of Environment and Tourism of Botswana (MET) and the UNEP Science Division, with funding from the Global Environment (GEF)
- GEF Cross Cutting Capacity Development (CCCCD) programme

## Project components

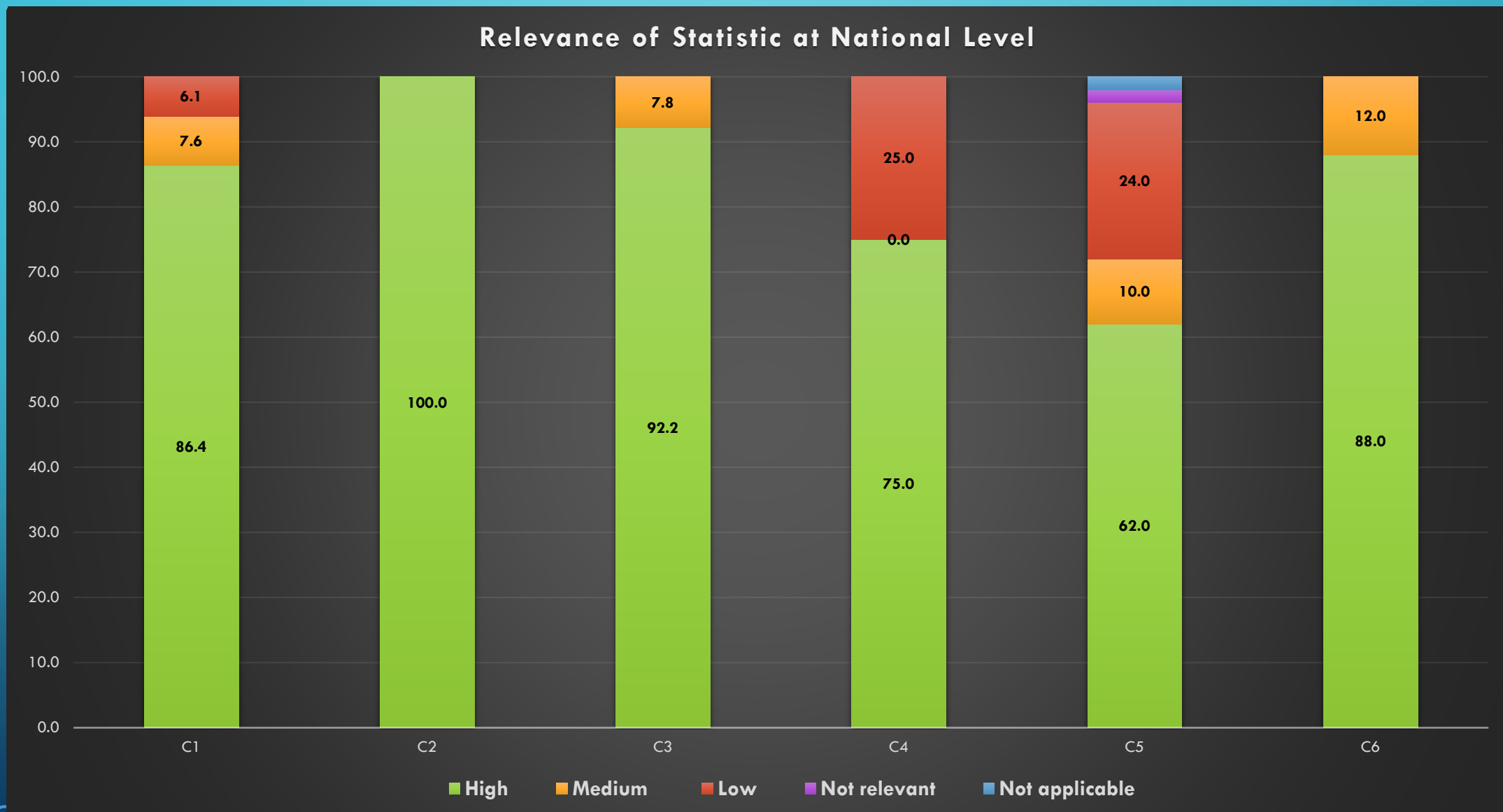
1. Development of a coordinated environmental knowledge and information management system
  2. Enhancement of institutional coordination and technical capacities to mainstream, develop, and utilize policies for the effective implementation of MEAs and relevant SDGs.
- Project Output: Analysis of current Environmental Information Systems (EIS) / data flows / statistics / Reporting

- **Some Deliverables of project component 1:**
- A situational analysis of current Environmental Information Systems (EIS) and data flows in Botswana.
- The establishment of a mechanism for streamlining data collection and sharing [*National Environment Information Network*].
- Training on data collection and management methods, (FDES)
- Development of an indicator based Shared Environmental Information System (EIS)

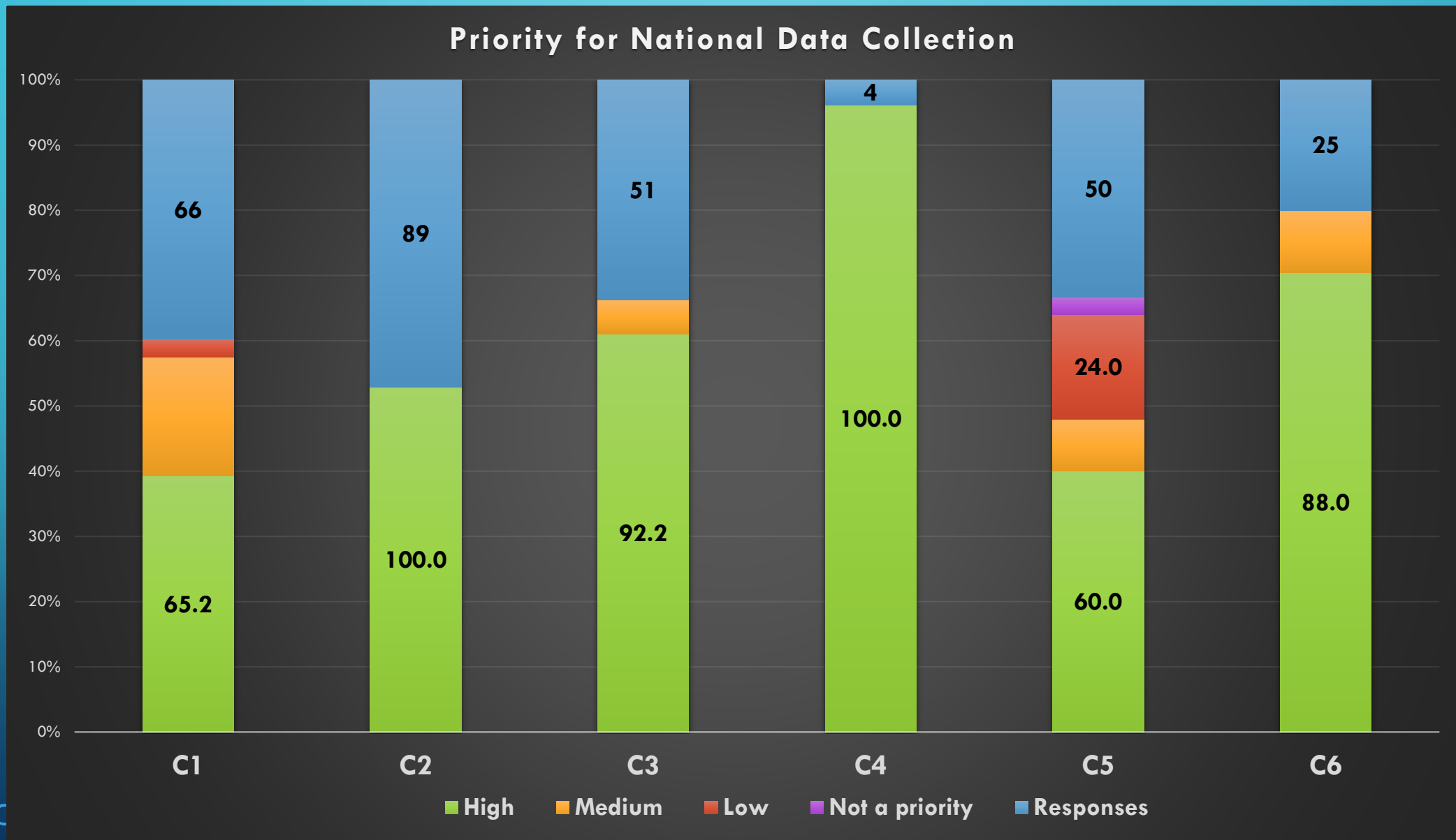
# SUMMARY RESULTS

n.b: Situation analysis focused on Part II of the ESSAT (Statistical Level Assessment)

# RELEVANCE OF STATISTIC AT NATIONAL LEVEL

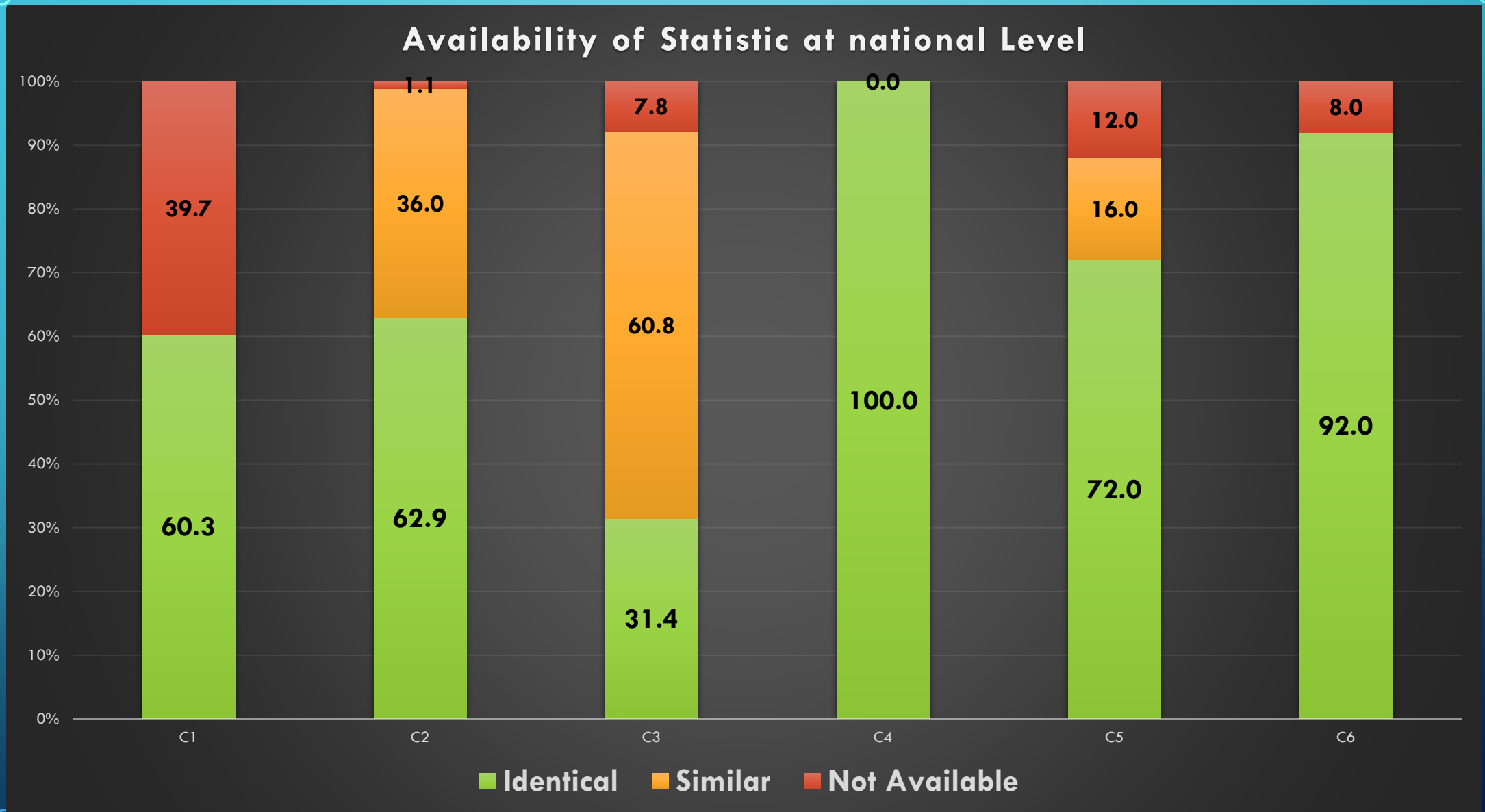


# PRIORITY FOR NATIONAL DATA COLLECTION

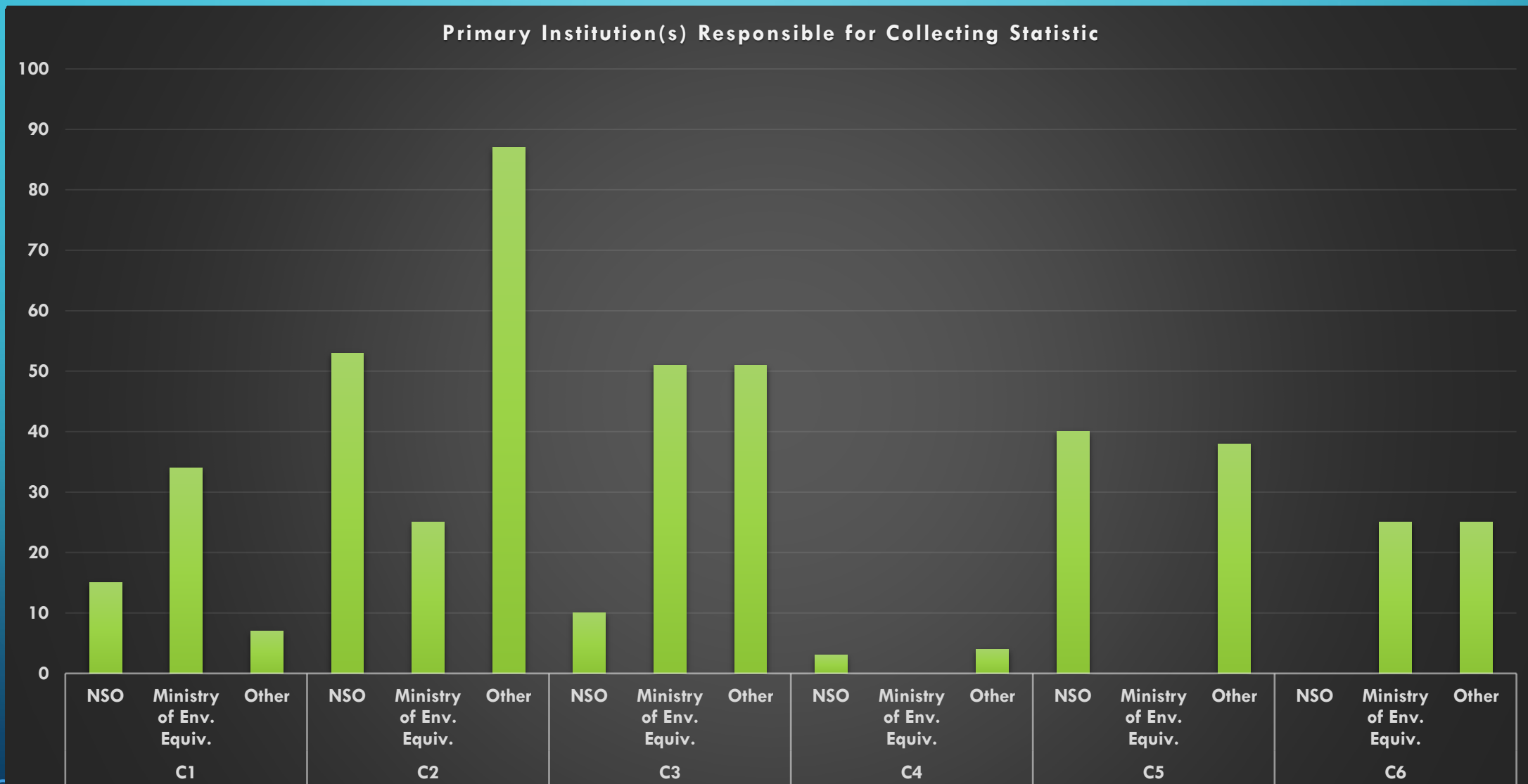




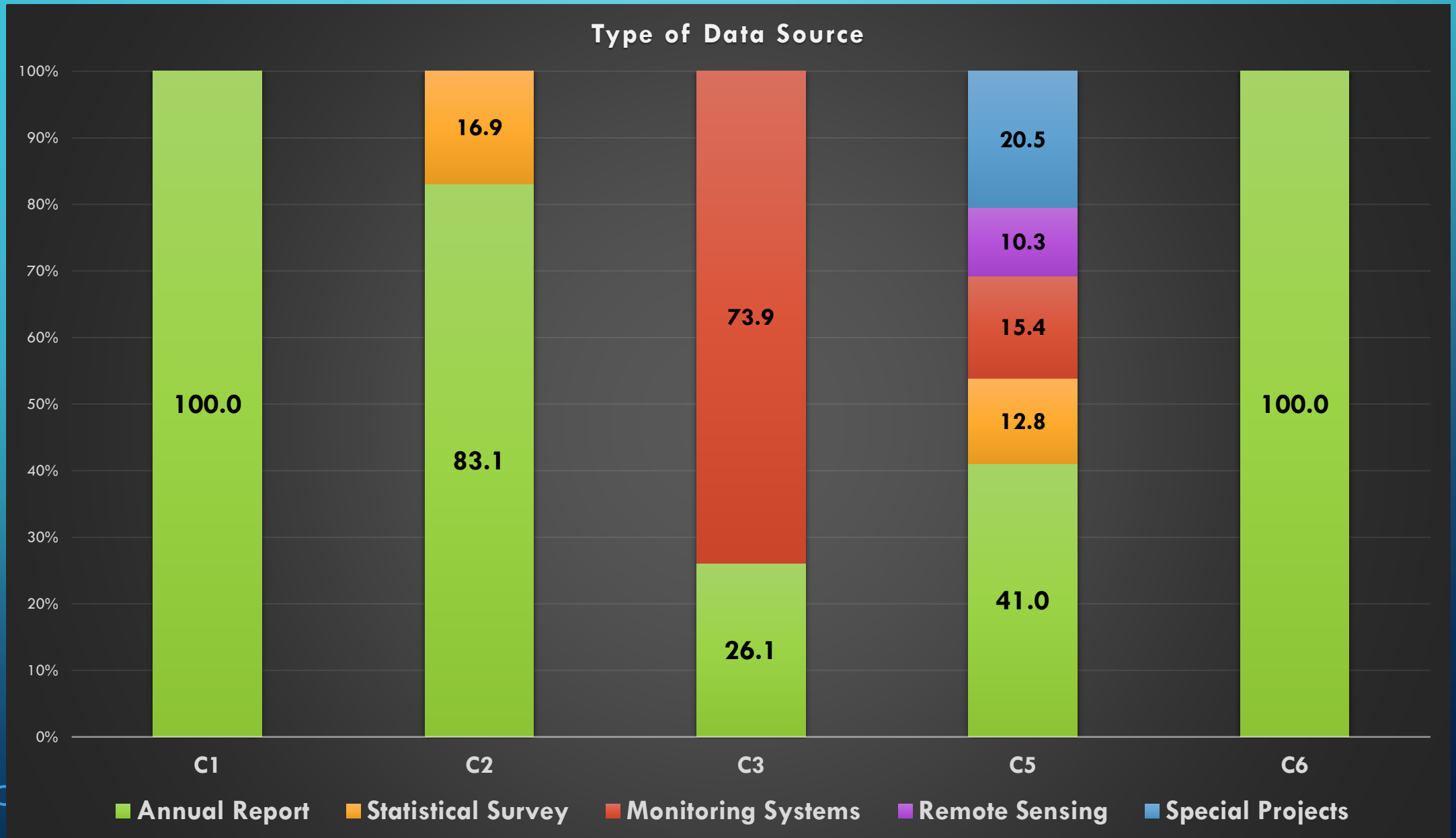
# AVAILABILITY OF STATISTIC AT NATIONAL LEVEL



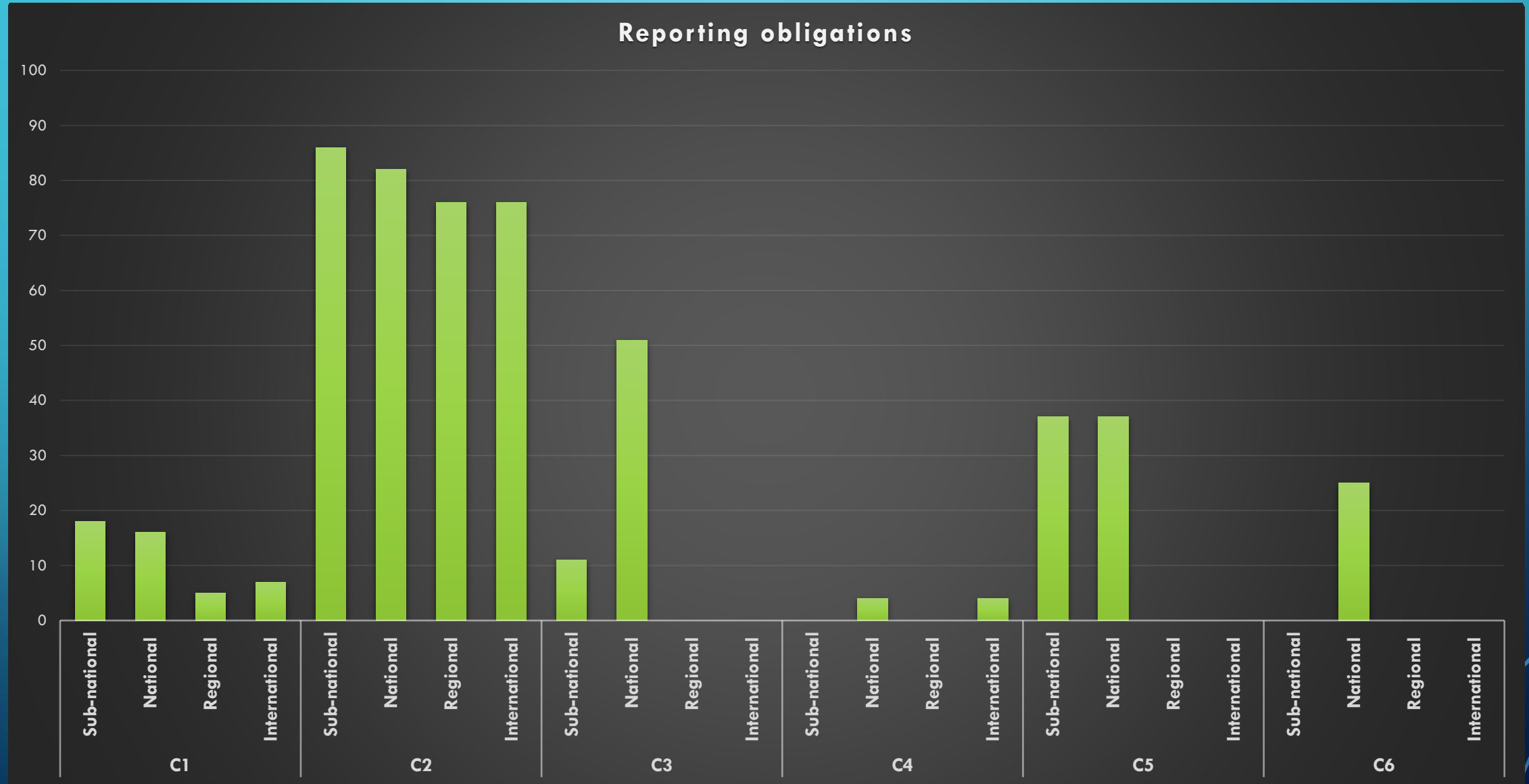
# PRIMARY INSTITUTION(S) RESPONSIBLE FOR COLLECTING STATISTIC



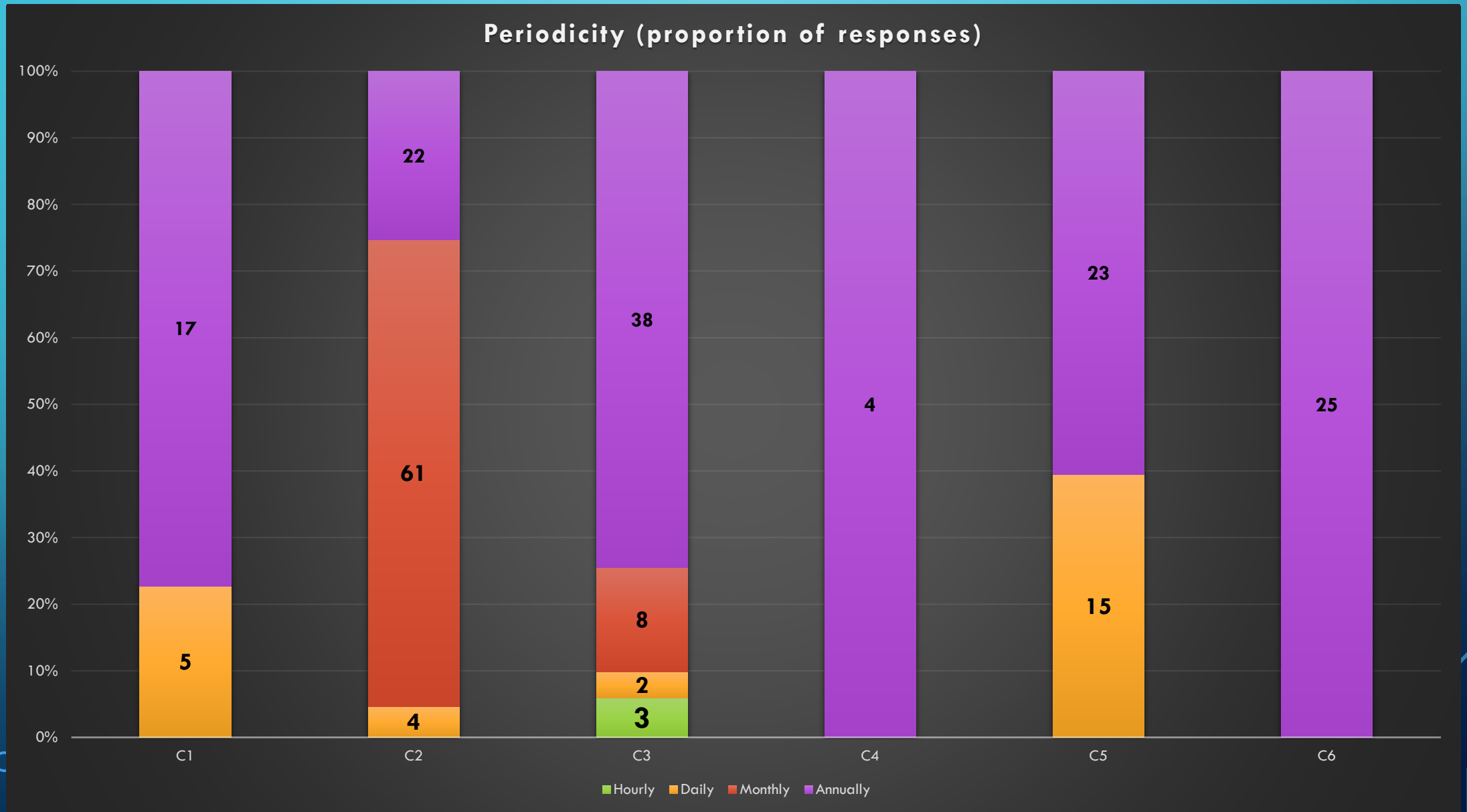
# TYPE OF DATA SOURCE



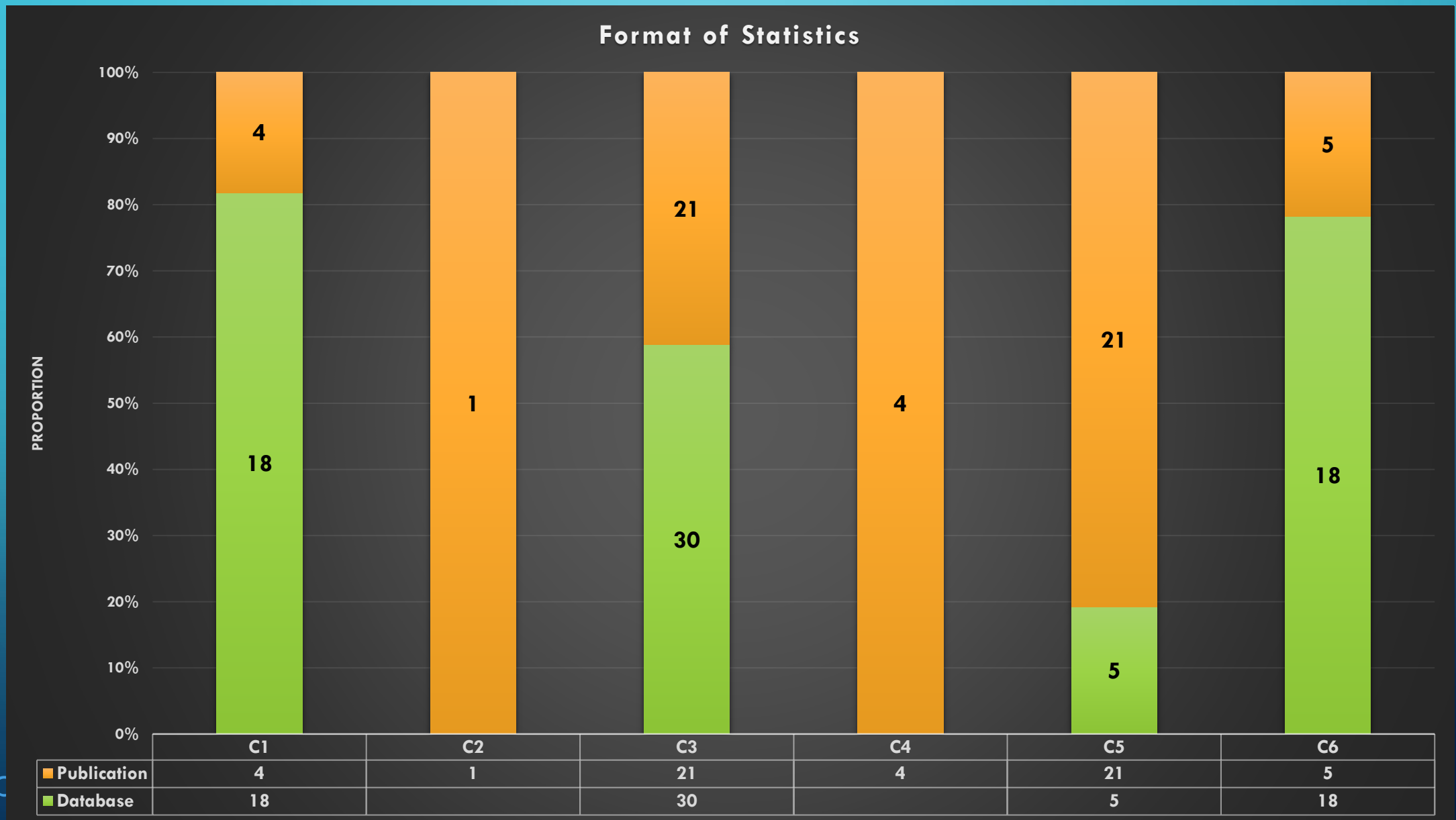
# REPORTING OBLIGATIONS



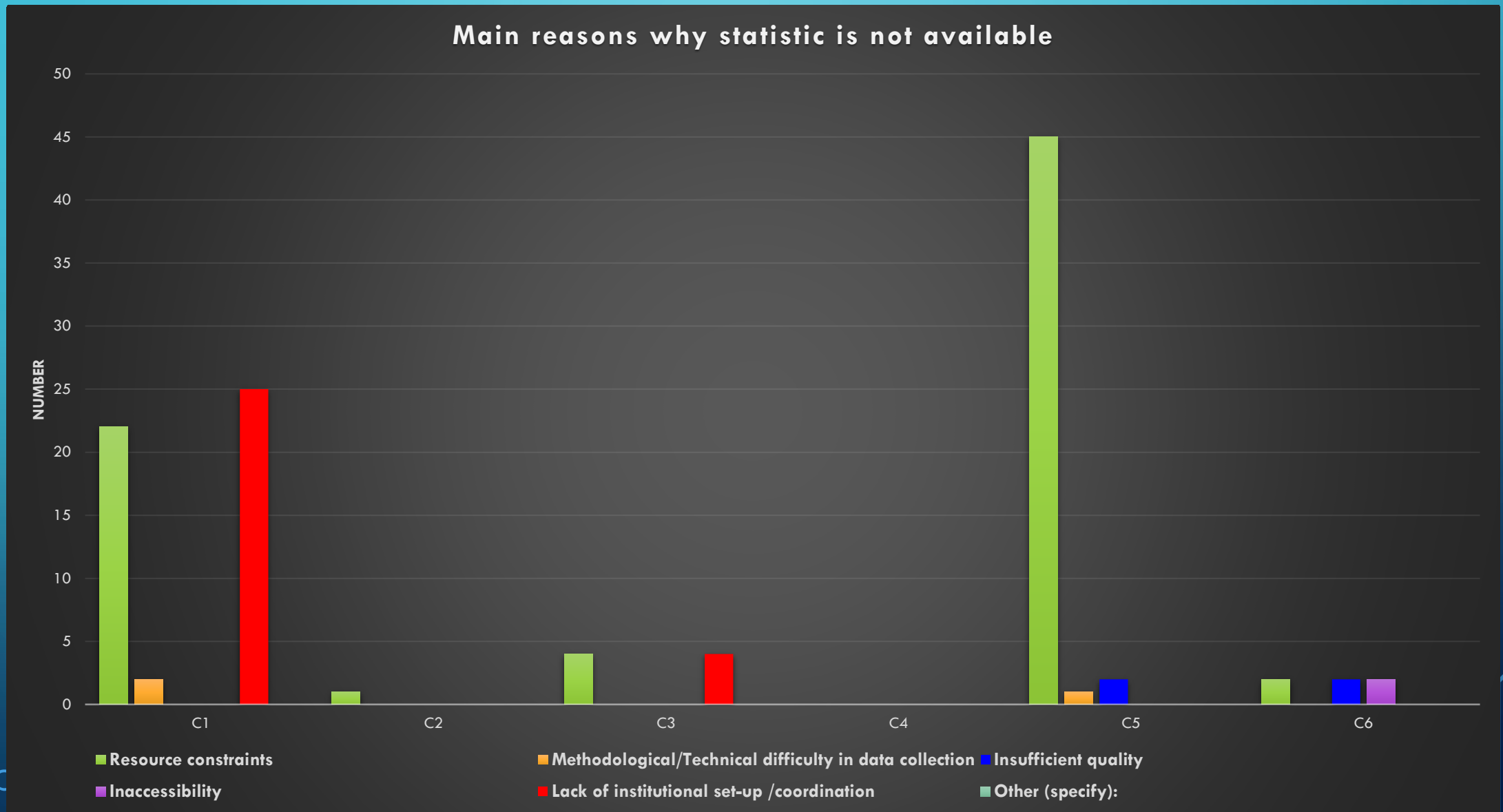
# PERIODICITY



# FORMAT OF STATISTICS






# MAIN REASONS WHY STATISTIC IS NOT AVAILABLE





## NOTABLES:

- The study/assessment was not as comprehensive as desired (newly formed National Environment Information Network)
  - Needs further validation beyond the project scope
  - Used as further awareness raising / capacity building of NEIN members for environmental information management
  - Foundation for development of the EIS
  - Recommendation of further assessment in future
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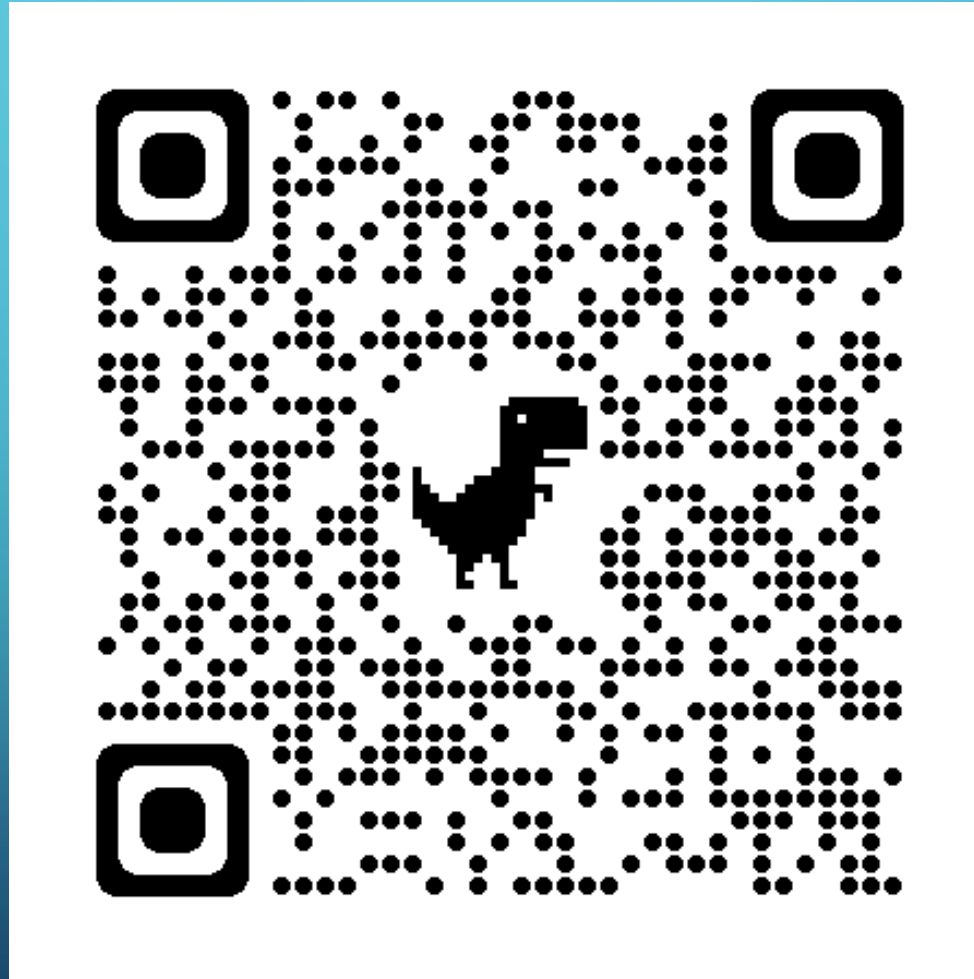
The background is a blue gradient. In the corners, there are white line-art decorations resembling circuit boards or neural networks, with lines and small circles.

# THANK YOU

- Reference only on slides beyond this point

# ESSAT

- <https://unstats.un.org/unsd/envstats/fdes/essat.cshhtml>



Thank you

# COMPONENT 1 (C1)

## Component 1: Environmental Conditions and Quality

### Sub-component 1.1: Physical Conditions

### Sub-component 1.2: Land Cover, Ecosystems and Biodiversity

### Sub-component 1.3: Environmental Quality

# COMPONENT 2 (C2)

## **Component 2: Environmental Resources and their Use**

**Sub-Component 2.1: Mineral Resources**

**Sub-component 2.2: Energy Resources**

**Sub-component 2.3: Land**

**Sub-component 2.4: Soil Resources**

**Sub-component 2.5: Biological Resources**

**Sub-component 2.6: Water Resources**



# COMPONENT 3 (C3)

## Component 3: Residuals (C3)

**Sub-component 3.1: Emissions to Air**

**Sub-component 3.2: Generation and Management of Wastewater**

**Sub-component 3.3: Generation and Management of Waste**

**Sub-component 3.4: Release of Chemical Substances**





# COMPONENT 4 (C4)

## Component 4: Extreme Events and Disasters

### Sub-component 4.1: Natural Extreme Events and Disasters

### Sub-component 4.2: Technological Disasters





# COMPONENT 5 (C5)

## Component 5: Human Settlements and Environmental Health

### Sub-component 5.1: Human Settlements

### Sub-component 5.2: Environmental Health





# COMPONENT 6 (C6)

## Component 6: Environmental Protection, Management and Engagement

**Sub-component 6.1: Environmental Protection and Resource Management Expenditure**

**Sub-component 6.2: Environmental Governance and Regulation**

**Sub-component 6.3: Extreme Event Preparedness and Disaster Management**

**Sub-component 6.4: Environmental Information and Awareness**