



مركز الإحصاء  
STATISTICS CENTRE



## Environment Survey

2015

Quality Statement

Statistics Centre - Abu Dhabi conducts the environmental survey to provide the necessary data to support policy development and decision-making relating to the environment of the Emirate of Abu Dhabi.

- **Institutional Arrangement that supporting Quality**

- Statistics Centre - Abu Dhabi (SCAD) is the official source of statistics in the Emirate of Abu Dhabi, in accordance with Law No. (7) For 2008. The Centre is the responsible authority for conducting statistical surveys in the emirate.
- The survey was implemented under the supervision of a specialized section of SCAD responsible for environmental statistics. The survey was designed and carried out by a team of experienced professional people including experts in environmental statistics and technical expert in conducting statistical surveys. The team was responsible for monitoring the progress of both the administrative and technical progress of the survey, to ensure the project ran on time and met statistical standards.
- Monitoring statistical surveys quality procedures in each phase and prepare quality report to ensure the data quality and make the necessary improvements in future surveys.

- **Relevance**

- The representative of SCAD met with the key users to ensure the following (i) meet the needs of government agencies and other users and (ii) to satisfy the international requirements from the environmental statistics.

- **Clarity and Sound Methodology**

- The survey was designed and implemented in accordance with SCAD's approved standard statistical operational procedures and following the process framework described by the Generic Statistical Business Process Model (GSBPM).
- Statistics were produced using internationally accepted definitions of statistical concepts and classifications, such as the Energy Statistics Manual, the fourth revision of Industrial Standard International Classification (ISIC Rev.4) and Framework for the Development of Environment Statistics (FDES).
- Validation rules methodology were prepared in the designing instruments phase, these rules were implemented electronically to facilitate data editing.

- The frame evaluation results were compared with secondary sources such as the fourth revision of Industrial Standard International Classification (ISIC Rev.4) and administrative records in order to assess its quality.
- Electronic questionnaire was prepared. Each establishment has unique ID and the questionnaire was able to fill directly through the electronic link (LINK). This method received great acceptance especially from the large establishments because it did not required field visits.

- **Accuracy**

- The survey data were collected by a well- trained team of field enumerators who had attended specialized training, which focused on the development of several skills related to the data collection operation. The team included experienced supervisors in order to assure the accuracy of the data collected. In addition, a Quality Control Team was established to monitor and measure the quality of data collection.
- Survey data were checked and validated to detect incorrect values. Editing was undertaken, including where possible, checking available administrative records to verify the survey data.
- Supportive information from available and reliable sources such as administrative records and reports of the relevant establishments were used to estimate the values to real values as much as possible.

- **Consistency and Coherence**

- Establishments common to the current and previous years' surveys had their results compared to asses consistency and coherence of the results.
- Results from current survey were compared with the administrative records to verify the consistency and coherence between the data.
- Statistical concepts and classification used by SCAD in the survey are internationally approved to assure the consistency and to improve opportunities for international comparisons.

- **Accessibility**

- SCAD follows professional standards and guidelines for the organization of the data collection, storage and dissemination to ensure the **non-release** of any confidential data that would disclose information about

establishments' details. These standards and guidelines are included in SCAD's the Dissemination Policy Guide, Confidentiality Criteria, and Guide on Editing Statistical Releases.

- Survey results are publicly disseminated and are available for all users through the SCAD's website.

- **Timeliness and Punctuality**

- In order to ensure timely publication of the statistics, the survey was implemented according to a detailed schedule using project management techniques.
- The publication date of the survey (reference period 2015) was in June 2016. SCAD worked on improving timeliness of publication by reducing this period in subsequent surveys.

**Some of Quality Indicators:**

- The survey response rate reached 99%
- The refusal rate was 0.2%
- The Known eligible rate was 98.85%
- Large establishments were chosen as per its environmental impact and number of employees based on previous surveys.
- This environmental survey targeted specific establishment selected in accordance to purposive sample and the objective of each establishment is to indicate general trend in environment impact that belongs to the establishment for statistical estimate purposes on the activity level.
- Since the sample of the survey was purposive sample by selecting the very large companies that have a significant impact on environment of the Emirate of Abu Dhabi, this methodology generally accepted in this type of survey, and therefore there is no sampling error in this survey.

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