



مركز الإحصاء
STATISTICS CENTRE



Environment Survey

2013

Quality Statement

Statistics Centre - Abu Dhabi carries out the environmental survey in order to provide the necessary data to support policy 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 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 people in conducting statistical surveys. The team was monitoring the progress of both the administrative and technical issues points of the survey, to ensure the project is running on time and meeting the statistical standards.

- **Relevance**

- The objectives of the survey were identified (i) to meet the needs of government agencies and other users, in accordance with the strategic plan of the center; and (ii) to satisfy the international requirements from the environmental statistics. The survey has provided a large proportion of the environmental, energy and water statistics required.

- **Clarity and Sound Methodology**

- The survey was implemented in accordance with SCAD's approved standard statistical operational procedures and a well-known international standards called Generic Statistical Business Process Model (GSBPM).
- Internationally accepted statistical concepts and classifications were used, to ensuring the clarity and international comparability of the published statistics.
- The survey design conformed to good practice and used widely accepted methodologies in designing the questionnaire as well as in the sample design, data processing, weighting, analysis and dissemination.
- Survey metadata was prepared for a better understanding of the survey results.

- **Accuracy**

- The sample size was estimated to achieve specific levels of accuracy. Sample was selected from establishment frame constructed from latest census in 2010 from. The frame was updated partially using Annual Economic Surveys results.
- The team of data collectors was selected according to relevant professional criteria and successful applicants received specialized training as enumerators to collect the data as required by the survey methodology. As a quality assurance procedure, Field Supervisors were allocated a random selection of returned questionnaires in order to check the accuracy of the data collected by the enumerators.
- Survey data were edited and checked during the data collection by a dedicated supervisory team. In addition, a specialist team rechecked all the completed questionnaires.
- The survey data were edited to capture any incorrect observation using clear processed procedures. The procedure includes the imputation of missing or invalid values. Available administrative records were used in this stage.
- Response rate of the survey reached 91.1% and the refusal rate survey was 3.3%.

- **Consistency and coherence**

- Some survey results were compared with data from administrative records to check for consistency between of the survey data.
- Results that are common to the environmental survey and other economic surveys were compared to assess the level of consistency and coherence between them.
- The same classifications, definitions and concepts are used across environmental surveys series to ensure consistency and comparability of the statistics over the years.

- **Accessibility**

- SCAD is committed to disseminate reliable statistical data and to ensure non-release of any data that would disclose information of individual details. Release of data and results follows professional standards and guidelines during the dissemination process, with staff adhering to

SCAD's guidance documents including the Dissemination Policy Guide, Confidentiality Criteria, and Guide on Statistical Editing Reports.

- The survey results were disseminated to all users through the SCAD's website. The website users are notified by email when the annual survey results are posted online.
- Analytical report of the survey results was prepared and Published in SCAD's website. It included the definitions of technical terms.
- **Timeliness and Punctuality**
 - In order to ensure the statistics were published on time, the survey was implemented according to a detailed schedule using project management approach to ensure that data were collected and processed on time. That survey results were published on the website with short delay period from their scheduled release time in the Statistical Calendar.
 - The time lag between the end of the survey reference period and the date of publication of the results was about 19 months. SCAD is working on improving timeliness of publication by reducing this period in subsequent surveys.

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