



## Statistics Centre – Abu Dhabi Hosts Virtual Partners Forum

### Marking World Statistics Day on 20 October 2020

The Statistics Centre - Abu Dhabi (SCAD) hosted representatives of UAE and Abu Dhabi government entities at the virtual SCAD Partners Forum with the aim of strengthening communication and collaboration.

The Forum covered important topics such as enhancing data cooperation to support decision-making in Abu Dhabi and the challenges faced by government entities in data collection and preparation. Moreover, SCAD presented initiatives that support government entities and future solutions that contribute to meeting the needs of government entities in light of the enormous developments in the Emirate.

At the end of the Forum, SCAD Partners generated several recommendations to enhance statistical work in the UAE, namely: aligning local statistical strategies with a unified national strategic plan; enhancing statistical models using innovative technologies such as AI to facilitate cooperation between government entities and the statistical centres; strengthening cooperation and participation of educational institutions to build statistical competencies and ensure the compatibility of learning outcomes with the labor market; and stressing the need to focus on data quality.



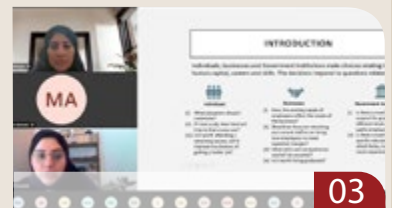
## Statistical Concepts: Labor Force Survey

A statistical survey targeting a random sample of households to provide statistical indicators related to the size of the workforce, its demographic and economic characteristics, unemployment and employment rates, economic activity rates and dependency. In addition to other indicators related to the labor market.



### Fundamental Principles of Official Statistics

The first picture of the Principles of Official Statistics document was drawn in the early 1990s at the Conference of European...



### Why is Data Science an Ideal Choice for your Future Career?

This session was organized as an endeavor by the STI to develop the capabilities of national cadres and enhance their knowledge and expertise in the field of statistics to contribute to achieving the emirate's vision....



### The third World Statistics Day 2020 "Connecting the World with Data we can Trust"

On 3rd June 2010, the United Nations General Assembly adopted an official resolution by which it set October 20 of every year as the World...

## Fundamental Principles of Official Statistics

The first picture of the Principles of Official Statistics document was drawn in the early 1990s at the Conference of European Statisticians, which was adopted later in 1992 and then ratified by the United Nations Statistical Commission in 1994. These principles form the basic pillars of national and international statistical systems and consist of the following:

- 1 **Relevance, Impartiality and Equal Access**  
Official statistics provide an indispensable element in the information system of a democratic society, serving the government, the economy and the public with data about the economic, demographic, social and environmental situation. To this end, official statistics that meet the test of practical utility are to be compiled and made available on an impartial basis by official statistical agencies to honour citizens, entitlement to public information.
- 2 **Professional Standards and Ethics**  
To retain trust in official statistics, the statistical agencies need to decide according to strictly professional considerations -including scientific principles and professional ethics- on the methods and procedures for the collection, processing, storage and presentation of statistical data.
- 3 **Accountability and Transparency**  
To facilitate a correct interpretation of the data, the statistical agencies are to present information according to scientific standards on the sources, methods and procedures of the statistics.
- 4 **Prevention of Misuse**  
The statistical agencies are entitled to comment on erroneous interpretation and misuse of statistics.
- 5 **Sources of Official Statistics**  
Data for statistical purposes may be drawn from all types of sources, be they statistical surveys or administrative records. Statistical agencies are to choose the source with regard to quality, timeliness, costs and the burden on respondents.
- 6 **Confidentiality**  
Individual data collected by statistical agencies for statistical compilation, whether they refer to natural or legal persons, are to be strictly confidential and used exclusively for statistical purposes.
- 7 **Legislation**  
The laws, regulations and measures under which the statistical systems operate are to be made public.
- 8 **National Coordination**  
Coordination among statistical agencies within countries is essential to achieve consistency and efficiency in the statistical system.
- 9 **Use of International Standards**  
The use by statistical agencies in each country of international concepts, classifications and methods promotes the consistency and efficiency of statistical systems at all official levels.
- 10 **International Cooperation**  
Bilateral and multilateral cooperation in statistics contributes to the improvement of systems of official statistics in all countries.

Source: <https://www.unece.org/stats/fps.html>

### A Universal Language

#### Editor's Note

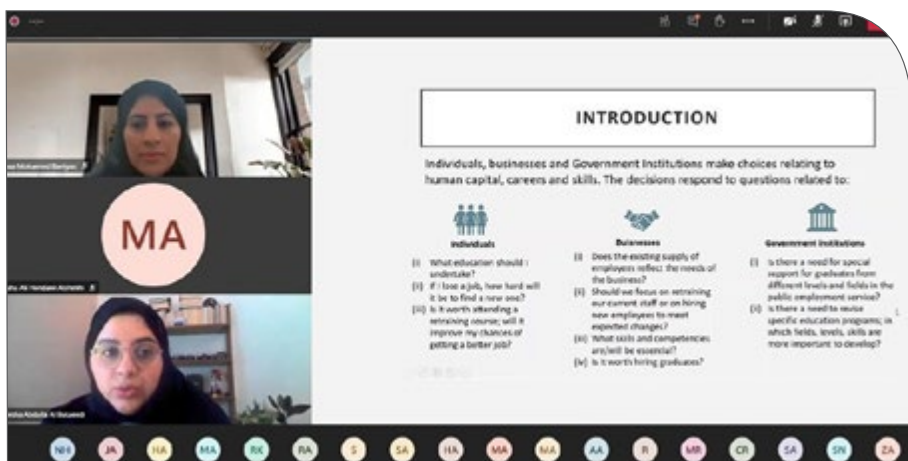
Just like music, the beauty of numbers lies in its universality. Mathematical symbols are unchanging, not for any human hierarchy or stereotype. Unbiased, utterly and completely.

This newsletter coincides with World Statistic Day, a significant event that we celebrate once every five years. Therefore, we write about the events Statistic Centre – Abu Dhabi has organized to celebrate the day, like the SCAD Partner Forum held for the government sector, and an interactive workshop held with university students, alongside sharing a brief of The Principles of Official Statistics... because it is only fitting.

Finally, suggestions and opinion are in no doubt welcome, and necessary to develop a continuously growing newsletter.

Shaikha AlSuwaidi





## Why Data Science is an Ideal Choice for your Future Career

### SCAD holds an interactive session with university students

The Statistical Training Institute (STI) of SCAD, on World Statistics Day, organized an interactive session for university students under the title «Why is Data Science an Ideal Choice for your Future Career?» This session was organized as an endeavor by the STI to develop the capabilities of national cadres and enhance their knowledge and expertise in the field of statistics to contribute to achieving the emirate's vision.

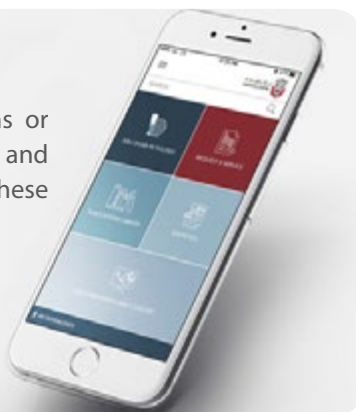
A number of students from various local universities attended this session, as the meeting aimed to enhance interaction with university students and spread awareness of the importance of data science and statistics in their professional lives.

Rabaa Mohamed Baniyas, STI Director, affirmed that the STI is keen to continue work and coordinate with various universities to build and develop national competencies across the emirate level. The STI meant introducing students to the future skills required for the labor market in statistics and data science and empowering them to be future leaders in line with our wise leadership's vision in creating a better future.

### SCAD Interactive Data Tools:

A number of statistical information systems or tools that increase accessibility, interactivity and customization of data for clients. Some of these tools offered by SCAD are:

- Personal Inflation Calculator
- Purchasing Power Calculator
- Ideal Household Expenditure Calculator



## A World of Statistics

By: Asmaa Salem Al Nyadi – A Student of the Statistics at the University of the United Arab Emirates

The statistics world is the realm of data analysis. As a student of statistics, the statistical knowledge helped me use appropriate methods to collect data and analyze it correctly - despite many numbers and information - and present results effectively, especially in the political, economic, and social sciences. Throughout three and a half years studying statistics and conducting research, statistics supported me in making decisions based on data. My proficiency in forecasting and understanding topics with greater depth and accuracy also helped me search for suitable solutions. I see statistics as an exciting area full of opportunities to discover and challenge assumptions and the fact that it facilitates the creation of new knowledge little by little.

Suppose we have a mind characterized by a spirit of research, exploration, statistical knowledge, and data. In that case, the results and discoveries that we will reap are limitless!



## The 3rd World Statistics Day 2020 "Connecting the World with Data we can Trust"

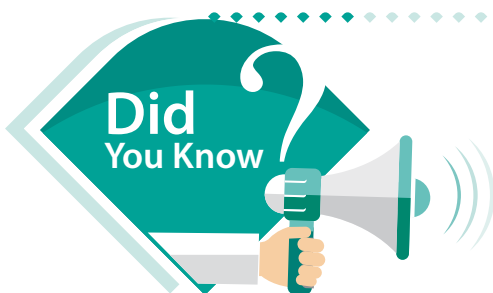
**By: Dr. Mohammed Al Rifai, Methodology & Sampling Expert**

On 3rd June 2010, the United Nations General Assembly adopted an official resolution by which it set October 20 every five years as the World Statistics Day to recognize the importance of statistics. This year, the world celebrates World Statistics Day 2020 under the slogan "Connecting the World with Data we can Trust."

Governments and international institutions pay great attention to reliable statistical data because of its importance in planning for development and formulating economic and social policies. Reliable data is one that is clearly

defined, and that ensures the highest standards of statistical quality.

SCAD has paid great attention to innovation in statistical work methodologies and tools. For example, methodologies have been updated to utilize data from administrative records, various surveys and opinion polls to produce statistics and indicators. Moreover, specialized projects and programs are developed to keep pace with leading countries in the field of Big Data for official statistics.



### SCAD provides an App to recognize Enumerators?

The security of your data is our top priority. The SCAD App allows users to identify enumerators using AI features, so that you can share your data in confidence.

**Download the app on:**

<https://www.scad.gov.ae/ar/pages/mobileapp.aspx>



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