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Promoting Statistical Literacy in Abu Dhabi

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- Abu Dhabi and statistics
- Statistical literacy
- The work of the Statistical Training Institute (STI)
- Next steps
Abu Dhabi and statistics

- Abu Dhabi is experiencing significant population growth and economic development
- Official statistics agency required to enable decision making and policy setting
- SCAD established under law in 2008
- STI established under law in 2011
Statistical literacy

“Statistical thinking will one day be as necessary for efficient citizenship as the ability to read and write”

H.G. Wells
What is statistical literacy?

Statistical literacy is the ability to understand, interpret and evaluate statistics that inform issues.

Statistically literate people use these skills to determine future actions, by presenting clear, convincing arguments, and developing evidence-based policies to guide decision-making.
Five ways to measure statistical literacy

• Being data aware….
• Ability to apply basic statistical concepts….
• Ability to apply complex statistical concepts….
• Adept at analysing, interpreting and evaluating data….
• Communicating and disseminating meaningful information….
Work of the Statistical Training Institute

• Delivering statistical training needs
• Focusing on practical application
• Integrated certified training for the whole system
• Building key partnerships
• Harnessing a wide network of trainers
• Maximising international exposure
Established programmes of STI

- Statistical Foundation Programme – Basic
- Data Manager Programme – Basic Intermediate
- Data Analyst Programme – Intermediate
- Statistical Leadership Programme – Advanced
- Internal Statistical Training Programme
- Statistical Seminar Programme
- SCAD Overseas “Ma’refati” Programme
Recent initiatives of STI

• Field Manager Programme - Intermediate
• Survey Methodologist Programme – Advanced
• Biennial Abu Dhabi Statistical Symposium
• Royal Statistical Society Examinations
• Certified Fieldwork Licensing Programme
Future aspirations of STI

- Statistical award schemes across job families to support continuous progression
- Establishing internationally accredited official statistics programmes
- The Abu Dhabi Statistical Fellowship – Statistical Literacy
- Broadening the scope of statistical literacy beyond traditional borders
Conclusion

THE MEASURES OF SUCCESS
Staff satisfaction levels

Employee Percentage Satisfaction Levels 2015

- Training Courses Satisfaction: 87.56%
- 20/20 Sessions: 94.1%
- Knowledge Sharing: 93.93%
Internationally recognised qualifications
Measurable statistical business benefits
Improved statistical products and services
Well trained and motivated workforce

Number of participations in STI Courses 2011-2015

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Enhanced statistical capacity at various levels
Visible improvements to statistical practices
Attracting high-profile speakers and leaders
Improved trust and reputation
Our Vision: Leadership and Innovation in Statistics