



Types of Data Sources used in Antigua and Barbuda Strengths and Weaknesses

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Environment Statistics Available in Antigua and Barbuda

- National Environment Statistics Database at the Department of Environment;
- Some environment statistics for the SDGs and other environment indicators;
- The first published State of the Environment Report for Antigua and Barbuda; <https://environment.gov.ag/news-events#news/article/126>
 - <https://neis.environment.gov.ag/>
 - <https://nri.environment.gov.ag/>
- <https://statistics.gov.ag>

Data Sources Used in Antigua and Barbuda

- The most used data sources for environment, climate change and disasters statistics are:
 - Administrative Records
 - Population and Housing Censuses
 - Surveys
 - (knowledge awareness perception surveys)
 - (project based surveys)
 - Collect baseline data for environment statistics;
- Data providers of global datasets (UNSD, FAO, UNE, etc.)

Strengths and Advantages

- There is a national environment statistics database that has been developed by the DoE with technical guidance from the Statistics Division;
- National (local) data sources are used in some cases instead of using the regional or international data sources;
- Using the national data gives us more accurate data as oppose to global data set which sometimes have a lower resolution/precision;
- Antigua and Barbuda is a member of the CARICOM Technical Working Group for Environment Statistics for the SDGs;

Strengths and Advantages Contd:

- Synergy between the Statistics Division, DoE and other Stakeholders;
- Technical assistance and capacity building training through participation in various National, Regional and International Workshop/Meetings;
- All of the above mention helps to validate that the quality of the data used is accurate and reliable;

Weaknesses and Challenges

- Process of data collection could be very extensive and time consuming because of environmental factors;
- More human and financial resources are needed to conduct needed surveys;
- Data gaps for some environment indicators such as the climate change which is a part of SDGs;
- Stakeholders providing the Statistics Division and the DoE with environment statistics is not forthcoming at times;
- Data is not processed in the correct format and international standards and guidelines are not followed by some stakeholders;

The Way Forward

- Develop MOUs with key stakeholders;
- Greater synergy and proper networking between some stakeholders are needed;
- Standardise data collection (format of the data, the metadata to be used etc.);
- Implement more training for stakeholders who collect and analyse the data;
- Develop methodological sheets for the environment indicators on how to collect, analyse and publish data;
- Training on quality assurance, quality control of data for stakeholders before publishing data;
- Strengthening of the National Statistical System in Antigua and Barbuda;



**Thank you for
listening!**