

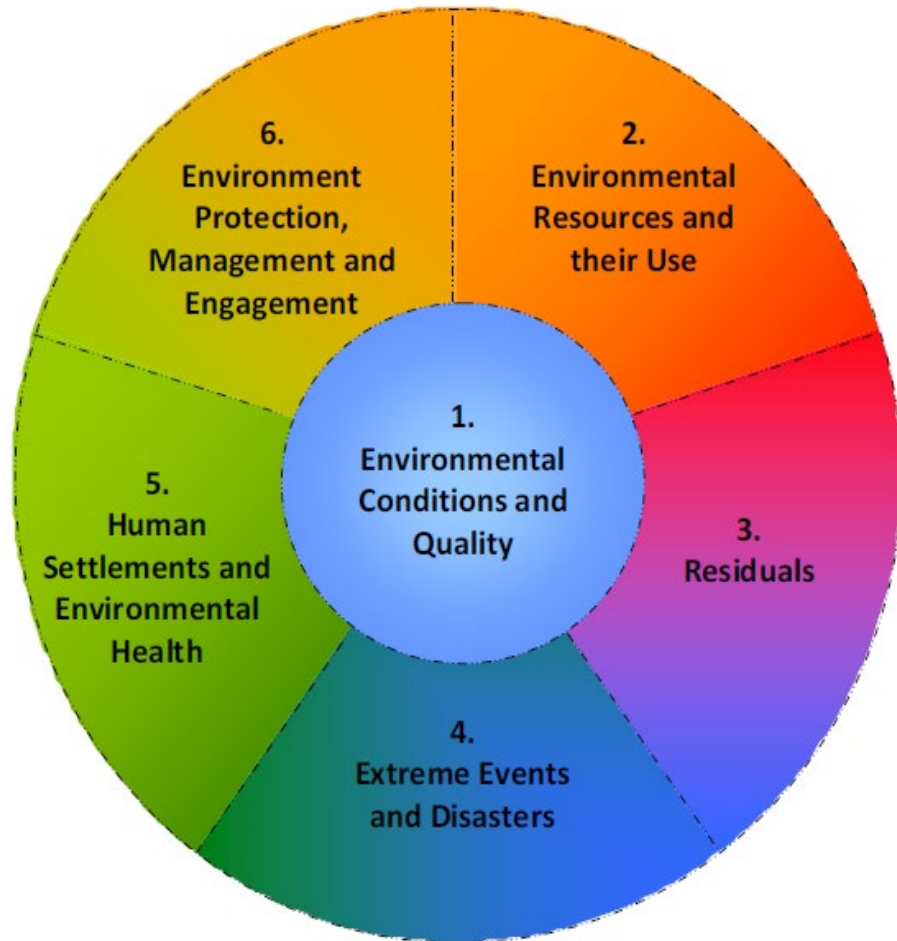
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# Objective of Environment Statistics



## To Provides information about the Environment:

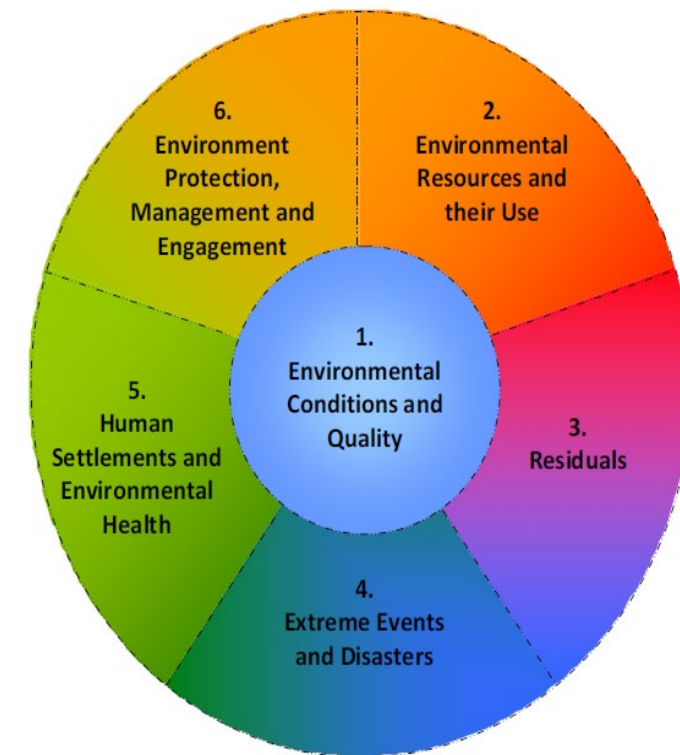
- Most important changes over time and across locations
- Main factors that influences them

## Purposes

- Improve knowledge** of the environment
- Support** and decision making evidence-based policy
- Inform** the general public and specific user groups

The Compendium is structured in 7 sections following the components of the FDES 2013, with tourism added to the FDES 2013 components to reflect its importance to Namibia:

1. Environmental conditions and quality
2. Environmental resources and their use
3. Residuals and waste
4. Extreme events and disasters
5. Human settlements and environmental health
6. Environment protection and management
7. Tourism



# Environmental Statistics Compendium for Namibia: 2018



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## Environmental Statistics Compendium for Namibia: 2018

### Acronyms and Abbreviations

FDES	:	Framework for Development of Environmental Statistics
GHG	:	Green House Gas
EEZ	:	Exclusive Economic Zone
IPPU	:	Industrial Processes and Products
NSA	:	Namibia Statistics Agency
TAC	:	Total Allowable Catch
SEE	:	System of Environmental Economic Accounting

SEE : System of Environmental Economic Accounting





## 2. ENVIRONMENTAL RESOURCES AND THEIR USE



Figure 3: The map of mines in Namibia

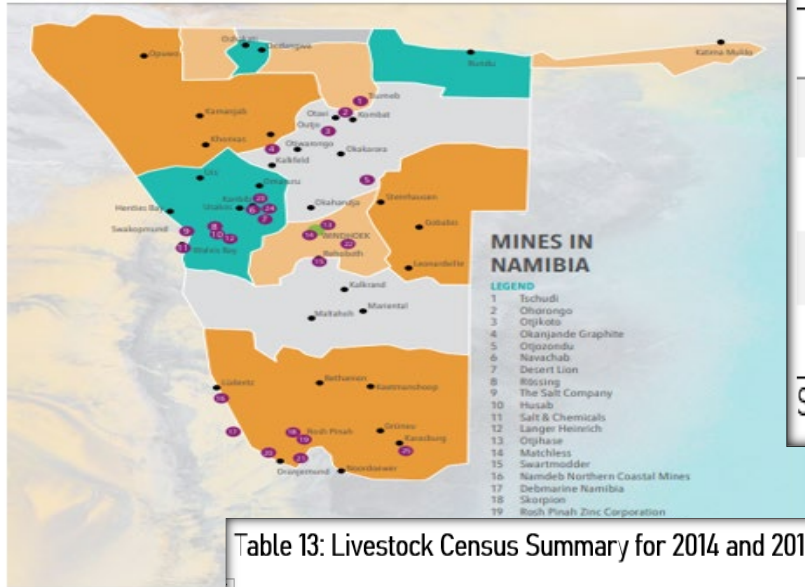


Table 11: Area under crop production and yield by type of crop

CROP	NUMBER OF HOUSEHOLD	AREA UNDER CROP (HA)	YIELD	PRODUCTION (TONNES)
Maize	17,620	54,991	1.60	55,981.60
Sorghum	24,646	7,043	1.24	8,733.32
Millet/Mahangu	129,029	421,212.6	0.92	408,576.22
<b>Total</b>		<b>463,247.6</b>		<b>150,000</b>

Source: Namibia Census of Agriculture 2013/2014, Communal S

Table 14: Namibia Total Allowable Catch

SPECIES (Tonnes)	2001	2002	2003	2004	2005
Pilchard	10,763	4,160	22,255	28,605	25,128
Hake	173,277	154,588	189,305	173,902	158,060
Horse mackerel	315,245	359,183	360,447	310,405	327,700
Monk	12,390	15,174	13,135	8,961	10,466
Kingklip	6,607	7,210	6,603	7,067	5,567
Tuna	3,198	2,837	3,371	3,581	3,654
Crab	2,343	2,471	2,092	2,400	2,480
Rock lobster	365	361	269	214	248
Other fish species	30,810	77,407	33,644	31,997	18,934
Total fish harvest	554,998	623,391	631,119	567,133	552,164
Seals	44,223	40,000	34,000	31,971	64,167

Table 13: Livestock Census Summary for 2014 and 2015

SPECIES	2014	2015	% CHANGE
Cattle	2,882,489	2,770,545	-4%
Sheep	2,044,156	1,973,393	-3%
Goats	1,892,439	1,868,535	-1%
Horses	55,241	47,151	-15%
Donkeys	159,028	148,859	-6%
Pigs	68,710	62,945	-8%
Poultry	3,436,430	4,054,529	18%
Dogs	135,549	129,313	-5%

Source: Namibia Census of Agriculture 2013/2014, Communal Sector Report, November 2015

### 3. RESIDUALS

#### 3.1. Emission to air

This section gives us information about the amount and characteristics of residuals generated by human production and consumption processes, their management and their final release to the environment.



**Table 16: National GHG emission (Gg, CO<sub>2</sub>-eq) by sector (2000-2012)**

SOURCE	2000	2002	2004	2006	2008	2010	2011	2012
<b>CATEGORIES</b>								
<b>Total Emissions</b>	23,789	27,772	28,336	28,532	29,394	28,414	30,206	30,692
<b>Energy</b>	1,995	2,269	2,562	2,795	2,981	2,904	2,851	2,979
<b>Industrial Process</b>	25	26	235	255	291	302	421	523
<b>AFOLU</b>	25,274	25,378	25,427	25,359	25,992	25,062	26,779	27,028
<b>Waste</b>	96	99	113	130	130	145	155	162

Source: National GHG

**Table 18: Emissions (Gg) of indirect GHGs and SO<sub>2</sub> (2000 - 2012)**

GASES	2000	2002	2004	2006	2008	2010	2011	2012
<b>NOX</b>	31.5	34.7	36.0	35.2	34.6	35.2	36.0	36.3
<b>CO</b>	349.9	366.9	371.6	373.8	375.6	375.3	367.5	369.2
<b>NMNOC</b>	19.5	20.5	21.2	21.8	22.9	22.0	21.5	21.6
<b>SO<sub>2</sub></b>	2.2	2.8	3.6	4.2	4.2	2.8	3.3	2.9

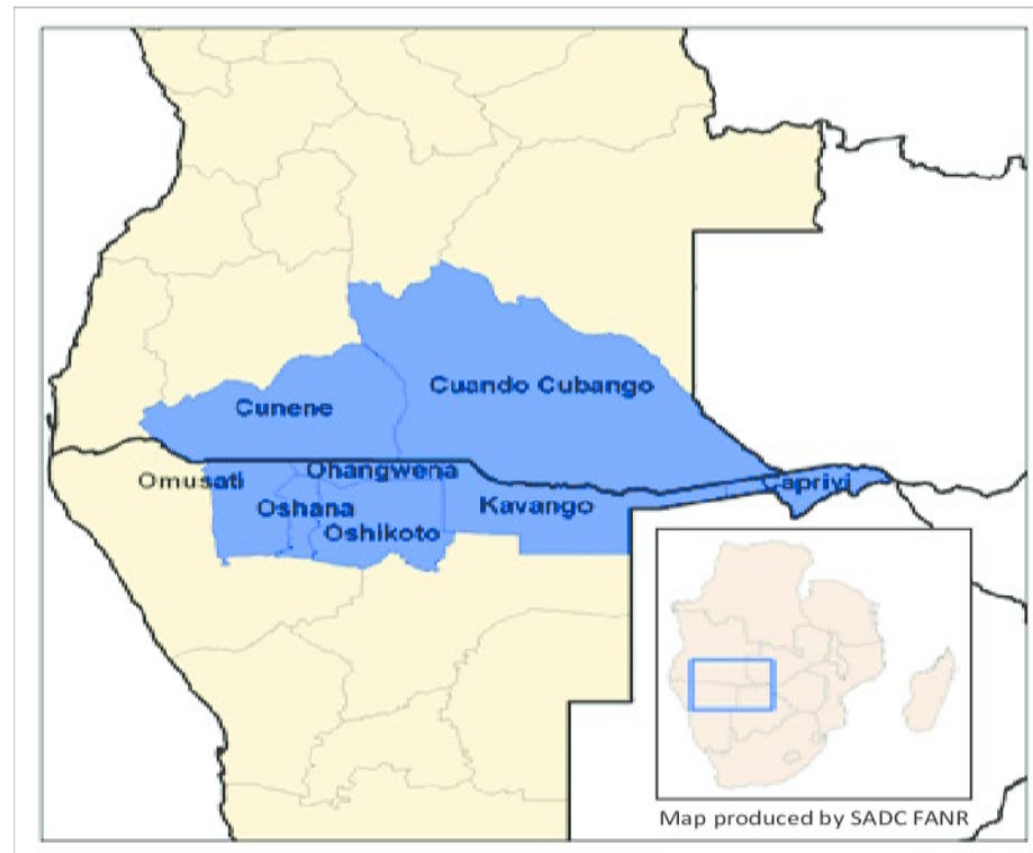
Source: National GHG Inventory Report NIR 2 2000 - 2012, 2016

## 4. EXTREME EVENTS AND DISASTERS

This component contains statistics regarding the occurrence and impact of extreme events and disasters on human wellbeing and the infrastructure. It consists of two subcomponents: Natural Extreme Events and Disasters



Figure 4: Geographical map of flood prone areas in Namibia.



## 5. HUMAN SETTLEMENTS AND ENVIRONMENTAL HEALTH

This component contains statistics on the environment in which humans live and work, particularly with regard to living conditions and environmental health. They are important for the management and improvement of conditions related to human settlements, safe water, sanitation, and health, particularly in the context of rapid urbanization, increasing pollution, environmental degradation, disasters, extreme events and climate change.



**Table 19: Households and Population by urban/rural and region**

	Household		Population		Average Household size
	Number	%	Number	%	Size
Namibia	544,658	100	2,280,716	100	4.2
Urban	294,827	54.1	1,068,625	46.9	3.6
Rural	249,827	45.9	1,212,091	53.1	4.9

Source: NHIES, 2016

**Table 20: Source of drinking water**

	Piped Water (%)	Boreholes/protected wells (%)	Stagnant Water (%)	Flowing Water (%)	Other Source (%)	Number of Households
Namibia	84.4	7.5	0.8	2.1	5.2	544,655
Urban	97.7	0.6	0.0	0.2	1.4	294,827
Rural	68.6	15.7	1.7	4.4	9.5	249,827

Source: NHIES, 2016

### (ii) Human condition |

**Table 21: Households by selected indicators on housing condition**

	% of Improved Housing	Number of Households
Namibia	20.2	544,655
Urban	29.6	294,827
Rural	9.1	249,822

Source: NHIES, 2016

## 6. ENVIRONMENT PROTECTION AND MANAGEMENT

A country's engagement in the protection and management of the environment, and therefore the amount of resources it dedicates to the task, is especially important because it is related to information, awareness and the ability to finance environment protection activities and participate in efforts (sometimes international) directed at these activities.



## 7. TOURISM

Tourism is one of the most important activities in Namibia, contributing significantly to the economies. Tourism industries also contribute through the creation of jobs in tourist-related sectors such as security, construction and transportation. However, this key sector also exerts significant pressure on scarce resources such as land, reefs, water and energy.

Table 22: Tourist arrival

YEAR	ARRIVAL (MILLION)
2012	1,078,935
2013	1,176,041
2014	1,320,062
2015	1,387,773
2016	1,469,258

Source: Tourism Satellite Account, 2017

### 23; Top Ten Tourist Market

COUNTRY	ARRIVALS
Angola	398,939
South Africa	342,044
Zambia	190,457
Germany	122,142
Zimbabwe	83,287
Botswana	50,665
UK	31,558
USA	27,264
France	23,484
Netherlands	20,169

Source: Tourism Satellite Account, 2017

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**QUESTIONS**

**ANSWERS**