

**National Strategy for  
the Development of  
Statistics**

# **Self-Assessment Evaluation Tool**

**User Manual**

The logo for PARIS21, featuring a stylized graphic of three overlapping, flowing ribbons in shades of orange, yellow, and green, positioned above the text 'PARIS21'.

**PARIS21**

## What is the NSDS Evaluation Tool?

This is a tool designed to assess the quality of the National Strategy for the Development of Statistics (NSDS), its level of implementation and its impact during the implementation period. Developed by PARIS21, the Tool gives a quantitative indication of the overall quality of the NSDS and the extent of its implementation and its impact. The Tool has been developed to help countries and/or development partners identify areas requiring more attention in the development of statistics at country level in an easy and quick way through the NSDS. The Tool should be filled-in by countries themselves, for internal purposes or in the context of midterm or final evaluation of the NSDS. The results can either be used for internal consumption or can be added to the annex of the NSDS evaluation report. This Tool can also be used as part of the NSS Peer Review.

## Background

In 2014, PARIS21 officially launched an updated version of NSDS Guidelines ([the NSDS Guidelines 2.0](#)) which have taken into account experience from nearly a decade of implementing the NSDS and incorporating emerging statistical needs. Despite this experience, there are still variations in the way the NSDSs are developed and evaluated hence, with the updated Guidelines there has been a need to develop an approach to monitoring and tracking their performance and impact. The Tool has been developed by identifying a list of indicators that could characterize the quality of a National Strategy for the Development of Statistics and determining the degree of its implementation and impact by focusing on major themes and subthemes. These could then be assessed on a regular basis. The following documents have been used to develop this tool:

- Recent NSDS implementation evaluation reports (midterm or final). PARIS21 has undertaken a number of midterm and final implementation evaluation of NSDSs mostly from the African Region. The findings from the evaluation exercise highlighted the need for an approach that could strengthen monitoring and tracking the entire evaluation process;
- List of quality indicators previously developed by PARIS21 with the objective of formulating a monitoring tool required to be updated to better reflect the updated NSDS guidelines; and

- Guidelines for the development of NSDS by PARIS21 have taken into consideration statistical developments over the past decade. The Guidelines have been developed to share good practices, adapt to a changing context, create a user-friendly and flexible tool, and respond to specific situations such as sector strategies, fragile states, Small Island Developing States, or federal states with subnational statistical systems, all this in relation to the national statistical system.

Overall, the Tool has been developed by deploying a generic Theory of Change<sup>1</sup> approach conveying the relationships between inputs and desired outcomes to be achieved through the implementation of the NSDS.

## Use of the tool

The tool has been developed to guide internal improvement processes particularly in relation to the NSDS. The tool has not been designed for international comparisons and ranking of countries.

## Structure of the Evaluation Tool

### Major Themes:

A set of **six major themes** aligned to the proposed Theory of Change that need to be captured in the evaluation tool have been proposed. Where applicable, subthemes have also been identified enabling development of indicators describing the NSDS quality, implementation status and the impact resulting from the six thematic areas as follows:-

1. Status and capacity of NSO;
2. Resources and expenditure;
3. Data quality;
4. Demand responsive;
5. Dissemination and use; and
6. Planning and monitoring of results.

NSDS implementation will be based on performance of each of these themes and the results would provide guidance on areas where the

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<sup>1</sup> Anderson, A. (2005). The community builder's approach to theory of change: A practical guide to theory and development.

NSDS implementation has been weak and/or strong. Below is the scope and coverage for each of the above major themes:

1. **Status and capacity of NSO:** Firstly, this section gathers contact information of the NSO and its leadership. Although this information is not specifically scored, it is however relevant to the whole process as it feeds into other questions within the evaluation tool. The section further gathers information relating to the capacity of the NSO as it is responsible for preparing, guiding the implementation and monitoring and evaluating the NSDS.
2. **Resources and expenditure:** This theme looks at whether there is an NSDS that follows expected standards and whether this Plan has been resourced. In developing this section, it has become clear that there is currently no single framework or template which would enable systematic comparison of resource availability and use across NSDSs. Under this theme, the tool also determines whether there are formal arrangements requiring coordinated funding to statistics both from national and international resources.
3. **Data quality:** The NSO through the NSDS is typically the primary body with responsibility for monitoring the quality of censuses, survey and administrative data collection activities and for the establishment and monitoring compliance with international and domestic data quality standards. This theme of the tool attempts to capture the major elements of NSDS contributions to improving data quality.
4. **Demand responsive:** This theme assesses performance of the NSDS responsiveness to demand (in two dimensions): i) supply of information necessary to track achievement of national planning/poverty reduction goals, ii) meeting statistical needs of specific user groups. The tool attempts to emphasize the salience of developing specific 'demand responsive' policies in the preparation and implementation of NSDSs in relation to the existing legal framework. Key steps in this process include identification of priority user groups (preferably in highly specific terms) and of the data requirements for each. In the absence of deliberate work to define and systematically reach out to user groups, NSDSs may miss opportunities to enhance and broaden ownership of national statistical development. Doing so will also

help NSDSs balance the demands of external agencies and financiers, with those of domestic audiences and users. At the very least, encouraging NSOs through the NSDS to monitor their efforts to be responsive to demand could help them become more proactive in encouraging the use of data in decision making.

5. **Dissemination and use:** To overcome the natural tendency to focus exclusively on the many challenges of collecting data, the tool also includes a section to capture specific efforts to encourage dissemination and use of data. By monitoring these activities, the tool may help NSOs through the NSDS to identify opportunities to strengthen dissemination activities, with relevant work ranging from efforts to improve connectivity among and between the NSO and user groups to work to stimulate particular dissemination and analytic tasks. Developing proactive dissemination strategies could help NSOs to become leaders of improved use of data in decision making.
  
6. **Planning and monitoring of results:** This theme of the tool asks for information to help in assessing the degree to which the NSO (and perhaps eventually user groups) are regularly monitoring NSDS implementation and responsiveness. Key issues to be reviewed include routine preparation of Annual Work Programs and making these open and accessible to various user groups, monitoring changes in the organizational structure and policies and reviewing the adequacy of and preparing plans for improving basic communication and 'connectivity' among and between NSOs, user groups and various levels of administration.

## Weights of the themes

The weights of the themes have been developed following an assessment of the importance of each of the themes to the overall objective of the NSDS. The weights have been piloted in various countries and reviewed by PARIS21 staff. A peer review process was also

undertaken by independent experts<sup>2</sup> with knowledge and experience in monitoring and evaluation mechanisms.

## Scoring the tool

Based on responses in the six different themes, the Tool provides a score on the performance of the NSDS in each of the themes which then feed into a weighted overall score. The score can be used in NSDS evaluations, or by the NSO itself as an ongoing process to determine performance of the NSDS. As such, even when the evaluation is being undertaken by PARIS21 or other development partners, there is a need to closely collaborate with the NSO to ensure that the information recorded is verified.

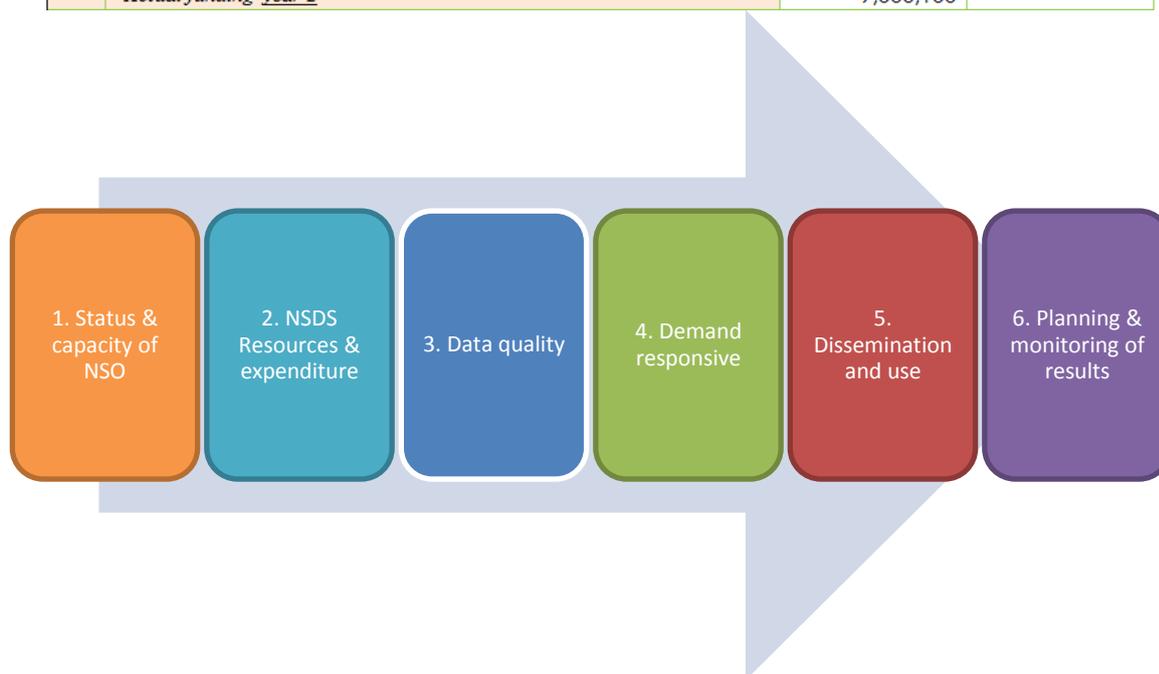
The Tool has been developed in Excel with interactive spreadsheets. The responses are recorded directly while results are automatically processed and produce a summary table and charts on performance by major themes.

There are **six worksheets** to be administered and in order to better follow the flow of the questions it would be ideal to start with the worksheet on 1. *Status and capacity of NSO*, then 2. *NSDS Resources*, 3. *Data quality (DQ)*, 4. *Demand responsive (DR)*, 5. *Dissemination and use (DU)*, and 6. *Planning and monitoring of results (PMR)* as highlighted below:-

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<sup>2</sup> These include Susan A. Stout (USA), Hans Viggo Sæbø (Statistics Norway), Richard Roberts (USA), Jean Le Nay (France).

17	What is the total budget (estimated total cost) and actual funding for each year:		
	Total Budget (estimated total cost) <u>year 1</u>	14,300,000	
	<i>Actual funding year 1</i>	13,111,000	
	Total Budget (estimated total cost) <u>year 2</u>	12,142,110	
	<i>Actual funding year 2</i>	9,000,100	



Each worksheet except “1. Status & capacity of NSO” has five main columns for 1) Question number; 2) Indicator, 3) Scoring rule, 4) Response, and 5) Comments if there are any. Individuals administering the questionnaire will only be required to fill-in under the “Response” space and if applicable submit a comment.

Qn.	No. Indicator	Scoring Rule	Response	Comments
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The actual scoring of the Tool can be done in **two (2) main ways** depending on the question:-

1. **Open Numerical Responses:** Under such questions, a whole number can be keyed-in in the response space provided and

these could be for responses such as financial figures, number of employees, population etc. Reporting on percentages also fall under this category. Depending on the question, minimum and maximum limits have been set on each of the questions. Below is an example of questions requiring recording of whole numbers.

<b>5</b>		<b>6</b>	
<b>Year of the current Statistics Act/ Law under which the NSO is operating.</b> <i>(Please enter the year only)</i>		<b>What is the total current population of the country</b> <i>(please record the total number)</i>	
	2000		16,000,000

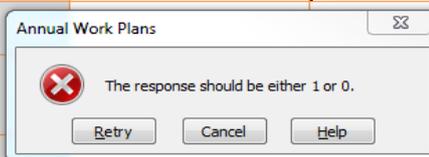
Or

- Categorical Responses:** Most of the questions in the Tool are categorical and the options for each of the responses are provided in the column "Scoring Rule". Only the options provided in the Scoring Rule will be accepted in the cell "Response". Skip rules (>>) have been indicated on all responses which will direct to the next appropriate question to be responded to:

If a wrong response has been recorded, an error message will appear indicating the right options to be keyed in.

1	Are there <b>Annual Work Programs</b> to guide implementation of the NSDS?	Yes = 1 No = 0 >> 2		
			1	
1a	If "Yes" are these accessible to all stakeholders?	Yes = 1 No = 0		
			1	
2	Are there <b>annual reports or more frequent reports</b> on the implementation of the NSDS?	Yes = 1 No = 0 >> 3		
			1	

1	Are there <b>Annual Work Programs</b> to guide implementation of the NSDS?	Yes = 1 No = 0 >> 2	2	
1a	If "Yes" are these accessible to all stakeholders?	Yes = 1 No = 0		
2	Are there <b>annual reports or more frequent reports</b> on the implementation of the NSDS?	Yes = 1 No = 0 >> 3		
2a	If "Yes" are these <b>accessible</b> to all	Yes = 1 No = 0		



If such a message appears, press "Retry" or press "Esc" to go back and enter the right information.

## Results and Interpretation

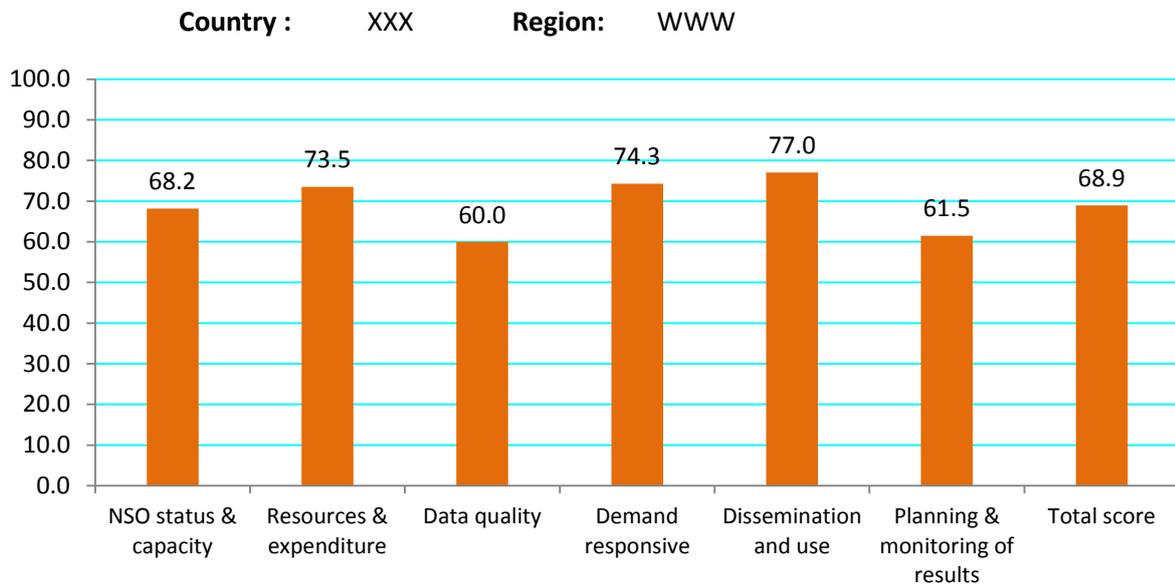
### Overall Score

Following the information filled in all the six worksheets, an overall score is calculated under worksheet “Total Score”. This is a weighted score for each of the themes and the maximum score is 100. The overall score is to be regarded as the degree of implementation and impact of the NSDS over the reporting period.

<b>TOTAL SCORE</b>	
<b>Activity</b>	<b>Score</b>
1 NSO status & capacity	6.8
2 Resources & expenditure	14.7
3 Data quality	7.7
4 Demand responsive	15.0
5 Dissemination and use	18.6
6 Planning & monitoring of results	6.2
<b>Overall Score (out of 100)</b>	<b>68.9</b>

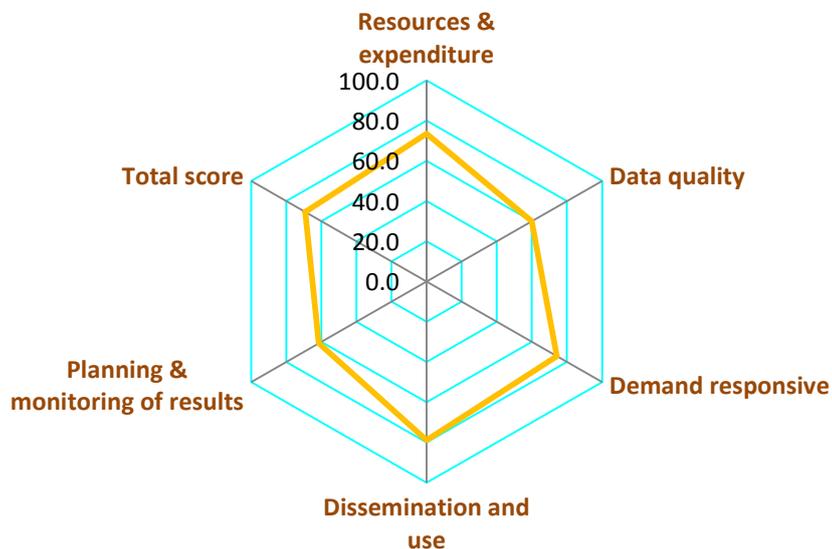
## Chart

Charts summarizing the scores within each major themes are produced under the sheet "Graphic Presentation". Under these graphs, areas regarded as weak and/or strong can be identified and can be presented for discussion with stakeholders.



**Country:** XXX

**Region:** WWW



In the example above for Country XXX which is in Region WWW, it can be noted that the country performed well under dissemination and use. However, data quality is still regarded as weak.

## **Respondents to the Evaluation Tool**

The high level manager of the NSO with support of finance and administrative personnel would be the ideal respondents to this tool. However, in cases where the country has an NSDS coordinator or manager he/she could also be the right respondent to this tool, of course with the help of financial and administrative staff. At the end of the data collection, a verification exercise involving more managers and user groups will ensure appropriateness of the information gathered.

## **Time required completing the Tool**

The tool can be administered over a week or even less. In the event that the data is already available either as part of the ongoing NSDS evaluation, the actual filling of the tool may be shortened to a day. There are however some information that may need to be made available prior to the whole exercise, particularly information regarding annual budgets and annual funding.

## Further description of individual questions

### 1. Status & capacity of NSO

Question	Description
Region	This refers to the region to which the country belongs. The region may be Africa, Asia and the Pacific, Latin America and the Caribbean, Europe, North America
Country	This refers to the country responding to the tool
Name and Mailing Address of the Institution	Provide here the official name of the NSO and the mailing address.
Phone	The official phone number of the NSO including the country's international code Please ignore here the + or 00. For instance if the international code is 750 do not write 00750XXXX but rather 750XXX
Website	Provide here the website of the NSO
Year form filled	Provide here the year in which the form is being filled. For instance 2016
<b>Contacts of the Director General or head of the NSO</b>	
Title	Provide here the title of the Director General either Professor, Dr, Mr, Mrs, Ms as appropriate
First Name	Provide here the first name of the DG
Family Name	Provide here the family name of the DG
Email address	Provide here the email address of the DG which is often used.
Phone	Provide here the phone number of the DG which is mostly used – and may include a mobile number
Status of the NSO	The status of the NSO is whether the NSO is a Government Agency, or is semi-autonomous, or autonomous. <b>A Government Agency</b> means the governing process of the NSO is under the Government rules and regulations as applicable to the entire civil service including reporting to a particular Minister and all resources come from the Government.

	<p><b>A Semi-autonomous Agency</b> would mean acting independently to some degree. In terms of resources, some resources are from the Government whilst the rest are generated by the institution itself. Recruitment procedures for some officials may not follow Government procedures.</p> <p><b>Autonomous NSOs</b> are those whose governing process are independent and may be required to report only to the Board of Directors.</p>
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No.	Question	Description
1	Does the NSO have an organizational unit responsible for NSDS?	Indicate here whether the NSO has a unit that is exclusively responsible for the NSDS.
2	If the NSO has an NSDS unit, is this a permanent unit established within the organizational structure of the NSO?	If the NSO has a unit responsible for the NSDS, indicate here whether the unit has been established as a permanent unit within the organogram of the NSO.
3	If the NSO has an NSDS unit, is it well staffed and performing its roles as expected?	If the NSO has an NSDS unit, indicate here whether the unit is well staffed or not and in your opinion if the unit is performing its duties.
4	Did the NSO establish and lead a committee/task force for development of the NSDS?	As part of developing the NSDS, indicate here whether the NSO established a committee to lead the process and whether this committee included NSO staff only or included others from other ministries/institutions
5	Year of the current Statistics Act/ Law under which the NSO is operating.	Here provide the year when the current statistics law/act or any such legal document was approved.
6	What is the total current population of the country	Provide here the current total population of the country.
7	According to the current approved establishment (organogram) of the NSO, what is the expected total number of employees?	Provide here the total number of personnel that the NSO is expected to have if all the positions are filled.
8	How many positions are actually filled? i.e. total	Of the total expected number of employees, provide here the actual

	number of current employees	number of employees currently working for the NSO
9	Of the total current employees, how many have first degree or higher (professionals)?	Provide here the number of employees that have a first degree or above
10	Of the total current employees, how many are females?	Provide here the total number of female employees within the NSO
11	Does the NSDS include other sectoral strategies for the development of statistics? Eg labour, health, environment etc.	Indicate here whether or not the NSDS includes other sector strategies for the development of statistics. These sector strategies may be from health, education labour including that of the NSO.
12	Are there mechanisms in the NSDS to produce data at subnational level for use at that level?	Indicate here whether there are efforts to produce data at subnational level. Examples of such data could be regions, governorates, states, provinces, counties, districts etc.

## 2. Resources and expenditure

Qn	Question	Description
1a	Is there an on-going NSDS?	Determine here whether or not there is an on-going NSDS.
1b	If "Yes", does the current NSDS follow recommended PARIS21 guidelines?	If the country has an NSDS, indicate here whether the NSDS follows recommended guidelines produced by PARIS21
1c	If "Yes" what is the period of the NSDS?	Provide here the period that the NSDS is covering – the starting year to the end year.
2	What generation is this NSDS?	This question determines whether the current NSDS is the first one to be developed or if it is the second or more.
3	In months, how long did it take to complete the whole process of designing the current NSDS?	Provide here the total number of months taken to complete the NSDS – from consultations, drafting, to approval.
4a	Does the NSDS include a "High Level official statement" such as a President or Prime Minister or Minister on supporting statistics presented as a Foreword or Preface or general statement? Or if there is no such statement, was the NSDS officially launched or approved by a high level official?	Determine here whether or not the NSDS included a statement by a High Level official indicating the importance of statistics and making commitment to support its implementation. If the NSO does not specifically include such a statement, indicate whether any such high level personnel officially launched NSDS or made a statement committing government's support to its implementation.
4b	If "YES" does the statement signal support (financial) to statistics?	Indicate here whether government has indicated its support to the NSDS not only financial but also indicating independence of the NSO
4c	If "Yes" does the statement signal independence of statistical operations OR if "NO" does the NSO operate independently without political intervention?	Indicate here whether the statement from high level official indicates that the NSO has to operate independently without political intervention. In the absence of such statement determine whether the NSO operates independently.
5	Is the mission of the NSDS clear and adequate as the basis for the NSDS?	Indicate here whether the mission indicated in the NSDS is clear as the basis for implementation of the NSDS
6	Is the vision of the NSDS clear and attainable in the medium term?	Please indicate here whether you perceive the vision set in the NSDS as clear and adequate for the NSS
7	Are the objectives of the NSDS clear, manageable and adequate to attain the vision set forth?	Indicate here whether you think that the objectives that have been proposed in the NSDS are clear, manageable and indeed adequate as a means of achieving the above vision

8	Does the NSDS include performance indicators?	Indicate here whether the NSDS has set out a number of indicators which would evaluate the success of the NSDS implementation
9a	Does the NSDS promote partnerships in statistical operations with other Government institutions?	Indicate here whether the NSDS has proposed partnerships between the NSO and other government institutions. These can be institutions such as health, education, central bank etc.
9b	If "yes" have partnerships actually been established with other Government institutions?	Indicate here whether there have actually been some partnerships with other government institutions in relation to statistics activities
10a	Does the NSDS promote partnerships in statistical operations with private sector institutions?	Indicate here whether the NSDS has proposed partnerships between the NSO and other government agencies with private sector institutions in relation to statistical activities whether data collection, sharing, joint analysis, funding etc.
10b	If "yes" have partnerships actually been established with private sector institutions?	Indicate here whether there have actually been some partnerships with private sector institutions in relation to statistics activities
11a	Does the NSDS promote partnerships in statistical operations with not-for-profit institutions?	Indicate here whether the NSDS has proposed partnerships between the NSO and other government agencies producing statistics with not-for-profit organizations (NGOs) in relation to statistical activities whether data collection, sharing, joint analysis, funding etc.
11b	If "yes" have partnerships actually been established with not-for-profit institutions?	Indicate here whether there have actually been some partnerships with not-for-profit institutions in relation to statistics activities
12a	Does the NSDS promote partnerships in statistical operations with academic institutions?	Indicate here whether the NSDS has proposed partnerships between the NSO and other government agencies producing statistics with academic institutions in relation to statistical activities whether data collection, sharing, joint analysis, verification etc.
12b	If "yes" have partnerships actually been established with academic institutions?	Indicate here whether there have actually been some partnerships with academic or research institutions in relation to statistics activities

Qn	Question	Description
	Funding	
13	Does the NSO maintain financial records in relation to the NSDS?	Indicate here whether the NSO keeps and maintains financial records in relation to the NSDS.
14	What is the total estimated Budget of the entire NSDS? (Please use the currency in the NSDS)	Provide here the total budget of the NSDS for the entire period – a summation of annual budgets in using the currency that is indicated in the NSDS.
15	Did the government commit some level of funding to the NSDS when it was approved?	Indicate here whether the government committed some funding to the NSDS when it was approved
16	Did development partners commit their funding of the NSDS when it was approved?	Indicate here whether development partners committed some funding to the NSDS when it was approved
17	What is the total budget (estimated total cost) and actual funding for each year:	Please provide in the columns below the total budget (estimated total cost) for each financial year as indicated in the NSDS as well as indicating the actual money received in that year.
	Total Budget (estimated total cost) year 1	Indicate here the total estimated or planned costs of the NSDS for year 1 in the currency indicated in the NSDS
	<i>Actual funding year 1</i>	Indicate here the actual funds received in year 1 in the currency indicated in the NSDS
	Total Budget (estimated total cost) year 2	Indicate here the total estimated or planned costs of the NSDS for year 2 in the currency indicated in the NSDS
	<i>Actual funding year 2</i>	Indicate here the actual funds received in year 2 in the currency indicated in the NSDS
	Total Budget (estimated total cost) year 3	Indicate here the total estimated or planned costs of the NSDS for year 3 in the currency indicated in the NSDS
	<i>Actual funding year 3</i>	Indicate here the actual funds received in year 3 in the currency indicated in the NSDS
	Total Budget (estimated total cost) year 4	Indicate here the total estimated or planned costs of the NSDS for year 4 in the currency indicated in the NSDS
	<i>Actual funding year 4</i>	Indicate here the actual funds received in year 4 in the currency indicated in the NSDS
	Total Budget (estimated total cost) year 5	Indicate here the total estimated or planned costs of the NSDS for year 5 in the currency indicated in the NSDS
	<i>Actual funding year 5</i>	Indicate here the actual funds received in year 5 in the currency indicated in the NSDS
18	Of the total NSDS estimated cost, what	Provide here the percentage of the estimated cost that is expected from the

	percentage is expected from domestic resources?	national resources (national government, institutions etc.)
18a	Percentage of actual funding against expected funding from domestic resources last FY	Of the resources that were expected nationally, provide here the percentage that was actually funded in the FY that has just ended.
18b	Percentage of actual funding against expected funding from development partners last FY.	Of the resources that were expected from Development Partners, provide here the percentage that was actually funded in the FY that has just ended.
<b>Alignment to the NSDS</b>		
19	Percent of planned activities in the NSDS successfully implemented last FY.	Provide here the percentage of statistical activities that were planned and have been successfully implemented in the last financial year
20	Were there data collection activities (Surveys/Censuses/administrative records) which were not included in the NSDS but conducted during the last financial year?	Determine here whether or not there were statistical activities undertaken in the last financial year which were not planned in the NSDS
20a	Of these how many were requested and funded by Development Partners?	Determine here whether the activities that were not planned in the NSDS but undertaken were all requested by development partners or some were requested by local stakeholders

Qn	Question	Description
<b>Donor Coordination</b>		
21a	Is there a coordination/consultation mechanism with development partners that identifies priority activities for the coming year?	Determine here whether or not there is a formal donor coordination mechanism on statistics
21b	If 'yes' have these mechanisms been implemented?	Indicate here whether actual meetings with development partners were held over the implementation period of the NSDS
21c	If "Yes", are there clear defined Terms of Reference for this mechanism?	If such a mechanism exists, determine whether there are Terms of Reference determining the role of the group, issues to be discussed, frequency of meetings, M&E procedures
22	How many months ago was the most recent donor coordination meeting held?	Provide here the number of months ago when the last donor coordination meeting took place. For instance, if a meeting was held two years ago then indicate 24 months.
23	Has the NSDS increased availability of resources for statistical development in the country?	Determine here whether or not the NSDS has helped to increase resources for statistical activities in the country
24	Are estimates for next year's annual budget of the NSDS discussed during donor coordination mechanisms?	As part of the planning process, determine whether or not the provisional budget for the following year are discussed with development partners

### 3. Data Quality

Qn	Question	Description
	<b>Frameworks</b>	
1	Does the NSDS refer to the UN Fundamental Principles of Official Statistics as framework for implementing statistical activities?	Report here whether or not the NSDS refers and incorporates the UN Fundamental Principles of Official Statistics as a set of principles governing official statistics in the country
2	Does the NSDS refer to other frameworks either regional or global for the implementation of statistical activities?	Provide here other international and/or regional frameworks that have been referred to in the NSDS. These frameworks can be regional or sub-regional e.g. the African Charter on Statistics.
3a	Does the NSDS propose development of a compendium of statistical concepts and definitions OR if already available does the NSDS promote its use?	Indicate here whether the NSDS has proposed development of a compendium of statistical concept and definitions to be used across the NSS. If such document is already developed, indicate whether the NSDS is putting mechanisms to ensure use of the compendium.
3b	If "yes" is the compendium actually being used across the NSS?	Indicate whether or not the compendium of concepts and definitions is actually being used across the national statistical system
	<b>Data Accuracy</b>	
4	In order to improve data accuracy, does the NSDS promote reporting on unit response rates?	Indicate here whether the NSDS is promoting reporting of response rates of the statistical undertakings.
4a	If "Yes" do survey reports produced over the NSDS period include unit response rates?	If the NSDS indeed promotes reporting on response rate, indicate whether statistical reports produced over the NSDS period contain response rates.
5	In order to improve data accuracy, does the NSDS promote reporting on coefficient of variations?	Indicate here whether the NSDS is promoting reporting of coefficient of variation (CV) or relative standard deviations as a means of reporting probability distribution or frequency distribution of your samples
5a	If "Yes" do survey reports produced over the NSDS period include coefficient of variations?	If the NSDS indeed promotes reporting on coefficient of variations, indicate whether statistical reports produced over the NSDS period contain coefficients of variations.
6	In order to improve data accuracy, does the NSDS promote reporting on geographic coverage ratios?	Indicate here whether the NSDS is promoting reporting of geographic coverage ratios
6b	If "Yes" do survey reports produced over the NSDS period include geographic	If the NSDS indeed promotes reporting on geographic coverage ratios, indicate whether statistical reports produced over the NSDS period

	(over or under) coverage ratios?	contain geographic coverage ratios.
7a	Are there plans in the NSDS to engage with other partners such as academics for specific technical tasks within the statistical production cycle?	Indicate here whether there are plans in the NSDS to specifically engage with researchers on specific technical tasks of the statistical process to either ensure credibility or just to beef-up expertise or just to ensure collaboration
7b	If "yes" have you actually engaged with other partners on specific issues over the implementation period of the NSDS?	Indicate here is there NSDS has helped to engage with other stakeholders on statistical technical issues
<b>Timeliness</b>		
8	Does the NSDS promote adherence to time schedule of statistical publications?	Indicate here whether the NSDS indicates that all statistical products should be produced at specific dates and times
9	During the implementation of the current NSDS, the time lag between data collection and dissemination of final results has:	Indicate here whether the time lag between data collection and dissemination of final results increased, remained the same, or decreased over the implementation period of the NSDS
<b>Accessibility</b>		
10	Over the current NSDS period, the number of publications produced and disseminated has:	Indicate here whether the number of publications produced and disseminated over the NSDS period increased, remained the same or decreased.
11	Over the current NSDS period, the number of accesses to statistical databases in the NSS has:	Indicate here whether the number of people accessing the statistical databases increased, remained the same or decreased over the NSDS period.
12	Over the current NSDS period, the number of publications produced with complete metadata	Indicate here whether the number of publication that have been produced with complete metadata increased, remained the same of decreased over the NSDS period.
<b>Comparability</b>		
13	Over the current NSDS period, the number of comparable time-series	Indicate here whether over the NSDS period the number of comparable statistical series increased, remained the same or decreased.
14	Does the NSDS promote rationalization or combining of surveys?	Indicate here whether the NSDS has proposed rationalization or combining or merging a number of surveys that had more or less the same target population in order to minimize costs and response fatigue.
14a	If "Yes" are there surveys that have been rationalized over the implementation period of the NSDS?	If the NSDS indeed advocates for rationalization of surveys, indicate here whether there are surveys that have been rationalized over the NSDS period.
15	Does the NSDS propose to	Indicate here whether the NSDS proposes

	develop a Data Quality Assurance Framework OR if already existing does the NSDS promote its use?	development of a Data Quality Assurance Framework or if it already exists, indicate whether the NSDS actually promotes use the framework
15a	If "Yes", have there been data quality assessments over the implementation period of the NSDS?	If there is a DQAF, indicate assessments have been undertaken over the NSDS period
16	Has the NSDS promoted use of the web and/or social media for getting feedback on the quality of statistical products?	Indicate here whether the NSDS indicated use of web and/or social media as a means of getting feedback from users on the quality of statistical products and services
17	Does the NSDS promote use of new and/or alternative data sources as inputs for official statistics? e.g. administrative records from public or private institutions	Indicate here whether the NSDS promotes use of other sources of data such as administrative records as substitutes to surveys or as supplements to survey/census data.

#### 4. Demand Responsive

Qn	Question	Description
	<b>User Responsiveness</b>	
1a	Does the NSDS and the PRSP/National Development Plan (NDP) cover the same time period i.e. do they run concurrently?	Determine whether or not the NSDS and the country's National Development Plan (NDP) or the Poverty Reduction Strategic Plan (PRSP) are covering the same period. In other words, determine if the NSDS started in the same year that the PRSP or NDP started and are also ending in the same year.
1b	If no, are there plans to align the NSDS to cover the same period as the National Development Plan?	In the event that the NSDS is not covering the same period as the national development plan, determine whether there are plans to align the two plans.
2a	Does the NSDS include a plan for production of indicators for monitoring the national development plan/PRSP?	Indicate here whether the NSDS has put in place mechanisms to provide data for the national development plan (PRSP).
2b	What percentage of indicators in the national development plan is reported by data from the NSS?	Indicate here a percentage of indicators reported for the national development plan that are from the national statistics system
3	Does the NSDS include an identified list of "primary	Determine whether or not the NSDS has a list of users who require statistical

	user groups"?	information on a regular basis and also in the format agreed upon between the two parties.
4	Does the NSDS outline tools/mechanisms to collect/analyse user needs on an annual basis?	Assess whether the NSDS has provided mechanisms to identify needs of users on a regular basis – in this case annually.
5a	Was there a specific process for consulting with user groups during design of NSDS?	Determine here whether the development process of the NSDS was consultative with stakeholders.
5b	Are consultations with stakeholders of particular interest in statistics an on-going process for the implementation of the NSDS?	Indicate here whether there consultations with stakeholders are on-going and whether the meetings are formally scheduled. In this case these can be one-to-one consultations with stakeholders of particular interest in statistics
6	Does the NSDS promote use of statistics in overall development policy statement?	Determine here whether the NSDS promotes the use of statistics during policy statements.
7	Does the NSDS prioritize its activities to ensure priority activities are produced at required intervals?	Indicate here whether the NSDS had prioritized its activities in relation to productions of statistics that are required and those that can be produced subject to availability or resources.
8	Is the NSDS referred to in national development plan(s) as the reference framework for statistics development?	Indicate here whether the NSDS is referred to in the national development plans such as PRSP as the reference framework for statistical development in the country.
9	Does the NSDS promote participation of the NSO and other producers of data in meetings of monitoring and reporting of the PRSP?	Here indicate whether the NSDS promotes participation of the NSO and other producers of statistics in meetings that are aimed at monitoring the NDP/PRSP
10	Does the NSDS outline mechanisms to respond to international development frameworks such as SDGs?	Indicate here whether the NSDS include mechanisms to respond to the Sustainable Development Goals (SDGs).
<b>Legal framework</b>		
11	Does the NSDS refer to the strengths of the current statistics act/law as having a positive effect in the implementation of the NSDS or NSS?	Indicate here whether the NSDS refers to the current/existing statistics law/act as being positive to the delivery of its services?
12	Does the NSDS refer to the weaknesses/challenges of the current statistics act/law	Indicate here whether the NSDS refers to the current/existing statistics law/act as being a barrier to efficient delivery of the

	as having a negative effect in the implementation of the NSDS or NSS?	required services?
13	Does the NSDS outline mechanisms to ensure publicity of the statistics act/law to stakeholders?	Indicate here whether there are mechanisms to publicise the current statistics law/act to ensure the general public's awareness.
14	Does the NSDS outline coordination mechanisms of the NSS as stipulated in the statistics act/law?	Indicate here whether the NSDS has outlined coordination mechanisms of statistical activities in line with the current statistics law/act
<b>User groups and their satisfaction</b>		
15a	Have you conducted user-producer workshops/forums over the implementation period of the NSDS?	Indicate here whether user-producer workshops have been conducted over the implementation period of the NSDS
15b	If yes, how many times were user-producer dialogues conducted over the implementation period of the NSDS?	Indicate here the periodicity of the user-producer dialogues
16a	Are there plans in the NSDS to conduct User-Satisfaction Survey(s)?	Check whether there are plans in the NSDS to have a comprehensive survey to determine the level of satisfaction on the statistical products.
16b	If "Yes" how often?	If there are plans to have user-satisfaction surveys, determine the frequency of such surveys.
16c	Over the implementation period of the current NSDS, have you conducted a user-satisfaction survey?	Indicate here is a user-satisfaction survey has been conducted over the implementation period of the current NSDS.
16d	If yes, how many months ago was the last User-Satisfaction Survey conducted?	Indicate here how many months ago was the last user-satisfaction survey conducted
16e	If "Yes" was the survey conducted by an independent institution?	Indicate here whether the user-satisfaction survey was conducted by an independent body/institution.

## 5. Dissemination and Use

Qn	Question	Description
1a	Are there mechanisms in the current NSDS to improve and promote dissemination of data?	Indicate whether the current NSDS has outlines mechanisms to improve and promote dissemination of data.
1b	In your opinion, do you	Please indicate here whether you feel that

	think data dissemination mechanisms have been improved over the implementation period of the NSDS?	data dissemination mechanisms have increased or stalled over the implementation period of the NSDS
2a	Are there plans in the current NSDS to develop data dissemination policy OR if already available, to enforce its use?	Indicate here whether the NSDS proposes development of a data dissemination policy or in case such policy already exists, indicate whether the NSDS seeks to enforce it use.
2b	If "yes" is the data dissemination policy being enforced across the NSS?	Indicate here whether the data dissemination policy is really enforced across the NSS
3a	Are there plans in the current NSDS to promote Open Data Policy?	Indicate whether there are plans in the NSDS to promote open data policy.
3b	If 'yes' is open data policy actually being implemented across the NSS?	Indicate here whether open data policy is being adhered to across the NSS
4a	Are there proposals in the current NSDS to develop OR promote metadata or data documentation policy?	Indicate whether there are plans in the NSDS to promote metadata or data documentation policy
4b	In your opinion, do you think data documentation policy is being adhered to?	Indicate here whether you feel data documentation policy is being adhered to.
5	Does the NSDS include a statistical pre-release calendar?	Indicate whether the NSDS include a statistical pre-release calendar
6	During the implementation of the NSDS has the statistical release calendar been adhered to?	Indicate here whether over the NSDS period the production of statistics has followed the pre-release calendar
7	Does the NSDS identify specific user-groups which require specific data on specific intervals?	Indicate here whether there are specific groups that require some statistics at some specific intervals or times for their own use
8	If "Yes" in your opinion, how satisfied are the users with the data they received over the NSDS period?	Indicate here whether you feel users are satisfied or somehow satisfied or not satisfied with the statistical products from the NSS
9a	Does the NSDS promote dissemination of micro-data to users?	Indicate here whether there are plans in the NSDS to promote dissemination of micro data to users.
9b	Are micro-data disseminated to users free of charge upon request?	Indicate here whether micro-data are disseminated to users at no cost
10	Does the NSDS include specific activities and	Indicate here whether the NSDS has allocated some activities in relation to

	budget for advocating use of data?	advocating use of data that require specific funding
11	Is the NSO's website up and running?	Indicate here whether the NSO's website is up and running or it is up but not all the time or it is down.
12	Does the NSDS promote uploading of all statistical reports on the website?	Indicate here whether the NSDS promotes uploading of statistical publications on the website

<b>Qn</b>	<b>Question</b>	<b>Description</b>
12a	If "Yes" how often is the website updated?	Indicate here how often the website is updated with new information either as publications or informing the public on upcoming activities.
13	Does the NSDS promote use of infographics on the website?	Indicate here whether the NSDS proposes use of infographics as another tool to disseminate statistical information.
13a	If "Yes", have infographics been included on the website?	Indicate whether infographics have been used on the NSO's website
14	Are there plans in the NSDS to upgrade the NSO's website?	Indicate here whether there are plans in the NSDS to improve further the NSO's website
15	Does the NSDS promote use of the web and/or social media for dissemination of data and feedback?	Indicate here whether the NSDS promote use of the web or social media to disseminate data and also to have feedback on statistical products and services
16	Does the NSDS include plans to train statistical personnel in infographics and data visualization?	Indicate here whether there are any plans in the NSDS to training statistical personnel across the NSDS on infographics and data visualization.
16a	If "Yes" have you conducted such trainings during the current NSDS?	Indicate if a data visualization training has taken place over the NSDS period
17	Does the NSDS include plans to train users of statistics on how to access and use statistics from the NSS?	Indicate here whether the NSDS has plans to train users on how to access and use statistics from the NSS
17a	If "Yes" have you conducted such trainings during the current NSDS?	Indicate if user trainings have been conducted over the NSDS period
18a	Does the NSDS include mechanisms to disseminate statistical reports from other partners?	Indicate here whether the NSDS include mechanisms to disseminate data from other government agencies.
18b	If yes, have statistical reports produced over the	Indicate here whether statistical reports such as statistics bulletin produced by the NSDS

	NSDS period included reports from other partners?	include data from other institutions
19a	Does the NSDS promote participation of statistical personnel in public debates?	Indicate here whether the NSDS has outlined plans to have statistical personnel participate in public debates relating to statistics.
19b	If yes, have statistical personnel actually participated in public debates over the NSDS implementation period?	Indicate here whether or not statistical personnel participated in public debates over the implementation period of the NSDS
20	Does the NSDS promote protection of privacy of providers of data?	Indicate whether the NSDS outlines mechanisms to ensure privacy of data to ensure that respondents are protected from being identified.

## 6. Planning and monitoring of results

Qn	Question	Description
1a	Are there Annual Work Programs to guide implementation of the NSDS?	Determine whether or not there are Annual Work Programs.
1b	If "Yes" are these accessible?	If there are Annual Work Programs, find out if or if not these are accessible
2	Are there annual reports or more frequent reports on the implementation of the NSDS?	Determine whether or not there are NSDS Annual Implementation Reports.
2a	If "Yes" are these accessible?	If there are NSDS Annual Implementation Reports, find out if or if not these are accessible.
3	Does the NSDS recommend an independent midterm evaluation?	As part of the on-going monitoring of the NSDS, determine whether or not the NSDS recommend a midterm evaluation
3a	If "Yes" has a midterm evaluation already been undertaken OR are preparations underway to undertake the review?	If the period to undertake the NSDS Midterm review is already due, determine whether or not the review has already been undertaken or if there are preparations for an independent review
3b	If "Yes" are these accessible?	If the Midterm evaluation has already been undertaken, indicate here whether or not the evaluation report is accessible
4	Does the NSDS recommend an independent final evaluation of the implementation of the NSDS?	Indicate here whether the NSDS recommends an independent final evaluation
4a	Has the final evaluation already been undertaken OR are plans underway to undertake the evaluation?	If the period to undertake the NSDS final evaluation is already due, determine whether or not the evaluation has already been undertaken or if there are preparations for an independent evaluation
5	Are the above NSDS progress	Indicate whether review or evaluation reports are

	reports (annual, midterm, or final) accessible by stakeholders OR are if not yet ready will they be made available to stakeholders?	made public or not
6	Are there technological innovations e.g. for data collection or dissemination introduced over the implementation period of the NSDS?	Indicate here whether there have been some technological innovations incorporated within the NSS over the implementation period of the NSDS. These can be such as use of tablets for data collection or use of mobile computers to collect data
7	Are there organizational innovations e.g. improved data management introduced over the implementation period of the NSDS?	Indicate here whether there have been some organizational innovations over the implementation period of the NSDS. These can be restructuring the organogram to include new units within the NSO
8	Are there institutional innovations e.g. open data, legislative reviews, partnerships introduced over the implementation period of the NSDS?	Indicate here whether there have been some institutional innovations such as review of the statistics law, partnerships with other institutions over the implementation period of the NSDS.
9	Has the NSDS helped improve capacity building over the implementation period?	Indicate here whether the NSDS has improved statistical capacity of the implementation period. The NSDS may have improve the statistical capacity a lot, or somehow or may have not improved capacity at all.
10	Has the NSDS helped modernize the statistical system over its implementation period?	Indicate here whether the NSDS has helped to modernize the statistical system such as improving data dissemination, use, modern collection mechanisms.
11	Has the NSDS helped improve infrastructure over the implementation period?	Indicate here whether the NSDS has helped to improve infrastructure of the NSS over the implementation period such as having modern buildings, laws etc.
12	Has the NSDS helped improve partnerships over the implementation period?	Indicate here whether the NSDS has helped in any way to build partnerships with other institutions over the implementation period.
13	Has the NSDS helped improve data security over the implementation period?	Indicate here whether the NSDS has helped to ensure data security over its implementation period. These could include improved skills in anonymizing data, good ITC policy etc.
14	Has the NSDS strengthened coordination of the national statistical system over the implementation period?	Indicate here whether the NSDS has strengthened, or somewhat strengthened or not at all strengthened coordination of statistical activities across the NSS.