

II QUESTIONNAIRE ON SERVICE STATISTICS

A. QUESTIONNAIRE

B. SUMMARY OF RESPONSES TO QUESTIONNAIRE

II - QUESTIONNAIRE ON SERVICES STATISTICS

A. QUESTIONNAIRE

SECTION I

The attached questionnaire is designed to establish what data exist in the region. It is very comprehensive and takes into account all the data requirements of the GATS. It has been designed to determine how much, if any, data are presently being collected/compiled. Countries are requested to answer the questions as thoroughly and completely as possible. At the same time, it is recognised that the data or documentation requested may not be available. Where this is the case, it should be indicated. The aim is to establish the extent of data availability and plans for improvement.

PART I: International Trade In Services

- 1 What is the level of detail relating to the exports and imports of services that you collect within the context of compiling the balance of payments? Please provide a list of the categories or product groups for which the data are collected/compiled.
- 2 Do you collect gross flows of payments in each direction?
- 3, How does the detail presently collected/compiled compare with the list of services named in IMF's Balance of Payments Manual BPM 5, pages 73-5, Table 10.1 (See Appendix II). *(Please list all relevant categories, or check them off in Appendix II).*
- 4 How does the detail presently collected compare with the list of services and memorandum items listed in the International Trade In Services Manual? *(Please list all relevant categories, or check them off in Appendix III).*
- 5 Is any consideration being given to or are there any plans for the introduction of the Central Product Classification (CPC) in the collection of data on international trade in services?
- 6 Please provide any available documentation on the methodology used to compile your estimates of international trade in services, including descriptions of survey scope, coverage and statistical techniques.
- 7 If questionnaires are used to collect the information, please provide copies of the questionnaires.
- 8 Do you compile information on the **mode of delivery of exports and imports** as specified for the GATS
(See illustrative diagram in International Trade in Services *Draft Manual*, pp.35 and 36. Information on downloading this Manual given in the References.)
 - (1) Direct exports or imports of services from the territory of the supplier.
"Cross border supply" (Mode 1)

(Note: Service may be delivered by sending reports by mail or electronically)

YES NO.....

If yes, please describe **how** you collect this information.

(2) Delivery of the service by persons traveling to the country where the service is to be delivered **"Presence of natural persons" (Mode 4)**

(Note: Such persons may be business professionals, e.g. engineers providing engineering services or computer professionals providing computer services.)

YES NO

If yes, please describe how you collect this information.

(3) Purchase of services by consumers crossing the border. **"Consumption abroad" (Mode 2)**

(Note: Services purchased by tourists in the country where they are delivered e.g. accommodation, health etc. are also covered by questions relating to Tourism listed below in Question 22, but should nevertheless be indicated here - only in the form of Yes or No., and described in detail under Question 22)

YES..... NO

If yes, please describe in detail under Question 22.

(4) Provision of the service through foreign affiliates. **"Commercial presence " (Mode 3)**

(i) Outward FATS YES NO.....

(ii) Inward FATS YES NO.....

(Note: Outward FATS relate to the activities of subsidiaries, located abroad, of domestic enterprises; Inward FATS relate to the activities of subsidiaries of foreign enterprises located in the domestic economy e.g. foreign banks. This topic is also covered later by questions relating to foreign affiliate trade statistics listed below in Question 19 but should also be answered here only in the form of Yes or No. and described in detail under Question 19)

Part II: Domestic production of services

What is the level of detail by **industry** for which revenue/sales and other data are collected through your establishment/production surveys for the service industries? Please provide a list of all service industries for which data are collected, specifying the industry classification (national or international, e.g. ISIC, rev.3) and the level of detail used.

- If you are using a national industrial classification, please list all service industries for which you collect data, as well as the categories of data collected.
- If you are using ISIC rev. 3, please indicate on the table below the industries and the categories of data.

International Standard Industrial Classification (ISIC Rev.3) - Selected industries

(If data are compiled at a more detailed industrial level for selected industries, please specify)

SIC Industry Title Code	a*	b*	c*	Other*
F Construction Services (1)				
G Wholesale and Retail Trade				
H Hotels and Restaurants				
Hotels and other accommodation				
Restaurants				
I Transport, storage and communications				
Land transport				
Water transport				
Air transport				
Supporting and auxiliary transport				
Activities of travel agencies				
Post and telecommunications				
J Financial Intermediation				
Financial intermediation				
Insurance				
Auxiliary activities				
K Real Estate, renting and business activities				
Real Estate				
Renting of machinery and equip.				
Computer and related activities				
Research and development				
Other business activities				
L Public administration and defence				
M Education				
N Health and social work				
O Other community, social and personal service activities				
Data categories:				
* a: Revenues, sales, production				
* b: Intermediate consumption (materials and supplies; energy and water; purchased service expenses; Franchise fees)				
* c: Labor compensation; depreciation, profits				
* Other: please specify , e.g. capital expenditure, Employment by category of employee; Physical volume indicators of output; Facility/capacity indicators; occupancy rates.				
<i>(1) In the construction estimates, are goods separated from services? If yes, please specify.</i>				

10. What is the level of detail by **product** for which revenue data are collected through your program of establishment/production surveys of service industries? Please specify the classification and the level of detail used, e.g., Central Product Classification (C.P.C.), at 3-digit level, or provide a list of all the categories or product groups for which data are collected. If the data collected vary by industry, please provide the information for **each** industry separately. (See Question 9 for list of industries)
11. Are respondents also asked to report exports (e.g., destination of sales, or distribution of revenue by type of customer) either in the form of absolute levels or as a proportion of revenue/sales/production?
If yes, please specify for which industries and what level of detail, e.g. total revenue or by type of service.
12. Please provide a list of industries for which you compile data from secondary or administrative sources, using the table above (Question 9) as a guide for indicating the detailed categories of data compiled. *Please specify source of the data and provide a description of scope, coverage and compilation methodology.*
13. If questionnaires are used to collect the information in Questions 9-12, please provide copies of the questionnaires.
14. Please provide descriptions of methodology for the collection/compilation of the estimates of production statistics for each of the service-producing industries, including descriptions of sampling procedures, coverage, frequency, response rates and timeliness.
15. What are the sources of employment data for service industries, e.g., production surveys, household surveys, administrative records?
Please specify the type of data collected and level of detail, e.g., industry, occupation, gender.

Part III: SNA and Input Output tables

16. Do you compile Input-Output tables, or Supply and Use tables. What are the underlying classification systems used for the industry and product groupings in the Input-Output tables, and what is the level of industry and product detail for which data are compiled?
Please specify.
17. What source data related to services (industries and products) are used to compile your existing Input-Output or Supply and Use Tables and/or annual and quarterly national accounts estimates (GDP using the production, expenditure, or income approach) at current and at constant prices.
Please provide documentation with respect to compilation methodology and source data used.
18. Please indicate data gaps.

Part IV: Foreign Direct Investment (FDI) and foreign affiliate trade statistics (FATS)

19. Do you compile statistics on foreign direct investment? If yes what is the level of detail by industry and for which industries is the detail compiled.
(Please specify)
20. Do you compile foreign affiliate trade statistics? If yes:
 - Do the data refer to inward FATS, or outward FATS or both? *(Please specify)*
 - What is the level of industrial detail for which the data are collected/compiled?
(Please specify)

- What is the level of product detail for which the data are collected/compiled?
(Please specify)

Part V: Tourism statistics

21. Do you have a program of compilation of Tourism statistics?
If yes, what general categories of data are collected and compiled? Does this include aggregations of tourism related service producing industries in order to publish a "Tourism Sector" aggregate?
Please specify the categories of data collected and any aggregations compiled (including the list of industries included in the aggregation), and provide descriptions of collection and/or compilation methodology.
22. Do you collect data on tourist arrivals and departures?
23. Do you compile/collect information on expenditures by international travelers? Are the surveys conducted and data compiled for balance of payments estimates?
Please list the categories for which data are collected/compiled and provide a description of the type of surveys (e.g., exit surveys, household surveys) and survey methodology used. (See also Question 8)
24. What other variables, if any, do you collect relating to international travelers?
25. Do you construct a Tourism Satellite Account? If yes, please provide details of the categories of products and activities for which data are compiled.

Part VI: Dissemination practices

26. What are the dissemination practices for each area, and how do they differ from collection/compilation practices? *(Please specify)*
27. Please provide a list of relevant publications or releases.

Part VII: Responsible agency and contact person

28. Under what authority are the data collected/compiled (e.g., Statistics Law)?
Please specify for each data set, if applicable, and provide a copy of the Statistics Act or other legislation.
29. Please indicate the responsible agency (or shared responsibility) for each data set.
30. Please indicate the contact point/person for follow-up.

Thank you!

SECTION II

Part I: Future plans

1. Please indicate future plans and improvements planned concerning reconciliation and unification of different classification systems and data in use in the organization(s) in areas such as Trade in Goods, Employment, Business Statistics, Balance of Payments, National Accounts, etc.
2. Indicate any measures that are being considered relative to the coordination of the statistical systems in your country with respect to activities such as survey data collection and unification of information, where feasible, from various administrative sources, such as the Inland Revenue Department, Immigration, National Insurance Schemes, etc.

Part II: Resources

- 3 Please provide an inventory of resources currently used for the compilation of estimates on International Trade in Services and Production of Services, indicating for each program the existing resources and requirements, for the following:

Staff numbers (separately, where possible, for data collection, processing, estimation, dissemination)

Equipment

Financial resources (budget estimates)

Thank you!

SUPPLEMENTARY

In the context of CARICOM Protocol II Provisions relating to Capital and Related Payments and Transfers, please indicate whether information is collected on the following and whether it is possible to obtain the information by source and/or destination: (a) intra-regional flows; (b) extra-regional flows; (c) individual countries; (d) industry.

Equity and portfolio investments

Short term bank credit transactions

Payment of interest on loans and amortization

Dividends and other income on investments after taxes

Repatriation of proceeds from the sale of assets

Other transfers and payments relating to investment flows, e.g., direct investment income, portfolio investment income, reinvested earnings, etc.

Thank you!

Final Questionnaire
June 30, 2001

References

- *GATS Services Sectoral Classification – GNS/W/120**
- International Monetary Fund (IMF) (1993) *Balance of Payments Manual – Fifth edition, 1993* (BPM5) Classification*
- United Nations *Manual on Statistics of International Trade in Services*, November, 2000.**
The EBOPS classification of services is included in this Manual –
Extended Balance of Payments Services Classification (EBOPS)*
- GATS diagrammatic presentation of Modes of Supply
- United Nations *Central Product Classification (CPC) – Version 1.0, Series M, no 77, (1998)*
- United Nations *International Standard Industrial Classification of All Economic Activities – Revision 3 (ISIC) (1990)*
- United Nations and the World Tourism Organization *Tourism Satellite Account (TSA)*

**These classifications are shown in the appendices.

** The *Manual on Statistics of International Trade in Services (the Manual)* is an essential document.

It also includes the GNS/W/120 listing and the EBOPS classification. It is a large document and it can be downloaded from the United Nations website as follows:

<http://www.un.org/Depts/unsd/statcom/2001docs/m86-e.pdf>

It might be safer to break the search into two parts:

First, go as far as <http://www.un.org/Depts/unsd/statcom/>

then Select <Statistical Commission 2001>

Go to <Section B>

Select <PROV/ST/ESA/STAT/SER.m/86>

which is the *Manual* (unedited draft) 467KB

II QUESTIONNAIRE ON SERVICES STATISTICS

B. SUMMARY OF RESPONSES TO QUESTIONNAIRE

A questionnaire to assess the current situation was designed by the consultants and sent out to the different statistical agencies of the member countries by the CARICOM Secretariat on July 17, 2001.

Replies were received by the end of July from the following countries:

Antigua and Barbuda, Barbados, Belize, Dominica, Grenada, Jamaica (Tourism only), St Kitts and Nevis, Saint Lucia, St Vincent and the Grenadines, Surinam and Trinidad and Tobago.

A reply was not received from Guyana.

The responses received are summarised below.

Part I International Trade in Services

Responses to three sets of questions from this part of the questionnaire, on international trade in services, are explored.

The first set of questions were designed to elicit information concerning

- what statistics on trade in services are now being collected, at what level of detail, and what classification is used [Q1, Q.3, Q4]
- within this group of questions we also ask specifically about gross flows of payments (vs. net flows), [Q2]; and about “modes of supply”, a concern of the CARICOM Secretariat [Q8]

The second set of questions asked

- how are these estimates being compiled (methodology) and copies of their documentation were requested [Q6, Q7]

The third set of questions asked about

- future plans for the use of a more detailed product classification – the Central Product Classification (CPC). The CPC is introduced because it is both a statistical classification and one used for trade negotiations, for analysing restrictions for PROTOCOL II and for defining commitments for the GATS agreements.

In the first group of questions a choice of three international statistical classifications is presented which respondents can use as a reference in specifying what they are now collecting:

1. BPM5 [Q1, Q3]
2. EBOPS [Q4]
3. CPC [Q5]

In addition, the GATS Services classification , GNS/W/120 , is appended for information.

The responses clearly show that the data collected by the Central Banks for international trade in services are for the compilation of the Balance of Payments, and that the data presently collected are based on the list of services in the BPM5, at different levels of aggregation. Although data collection is attempted at the level of detail in the BPM5, what is actually achieved in compilation, and what they are able to publish is a much aggregated level of identifying services trade, that is about six of seven broad categories, which include:

- Transportation
- Travel (which includes “Tourism”)
- Insurance services
- Financial services
- Communication
- Other services
 - Business services
 - Computer services

- Government services

We do not yet know the kind of detail that is available. This needs to be further investigated in the field interviews.

All the reporting member states collect gross flows of payments in each direction.

No state collects information by mode of supply, and some mentioned not being familiar with the concept.

With respect to the CPC, there appear to be no plans for the introduction of this detailed classification.

Documentation. Some documentation was supplied electronically, in the form of BOP survey questionnaires; other documents in hard copy will be sent to the CARICOM Secretariat at a later date.

Part II Domestic Production of Services

The first group of questions, in this part of the questionnaire, on the production of services [Q. 9 – Q. 11], were designed to elicit information concerning the types of statistics on services that are being collected and compiled in each CARICOM Member State. This includes information on basic structural statistics by industry, such as total production or income, total employment, and value added, as well as more detailed information, such as categories of services (products), capital expenditures, intermediate consumption expenditures by category, a breakdown of revenues between exports and sales to the domestic market, physical volume indicators, capacity indicators, occupancy rates, etc. In addition, information was sought on the type of classification systems used in data collection and compilation.

The majority of responses indicated that basic structural statistics for the formal sector, at least for the major industries, are regularly collected and compiled, most frequently on an annual basis. Data by product, so essential for linking statistics on production with statistics on trade in services, are generally not collected. Moreover, there is no attempt to ask respondents to estimate the proportion of export sales (or sales by major client category). Several countries reported

collection of more detailed information from such tourism related industries as hotels concerning capacity, main sources of revenue, etc.

No data collection was reported for the informal sector, an area that needs further investigation, as many services are provided by small unincorporated businesses or the self-employed.

The second group of questions on the production of services [Q. 12 – Q. 15] were designed to obtain information on sources of data (surveys, administrative records), coverage, and methodology (concepts and definitions, unit of inquiry, survey instrument, sampling procedures where applicable, response rates, compilation methods, quality control procedures, etc.). States were requested to submit description of methodology, and copies of questionnaires used in the collection process, as well as any other relevant documentation.

The responses to the second group of questions were substantially less complete and exhaustive, although in several cases a brief description of methodology was provided for some of the components. Very helpfully, several States submitted survey questionnaires, which aided considerably in understanding the data collection aspect in those countries. The responses, however, were not sufficiently complete or systematic in most cases. Considerably more follow-up will be required during the field visits in order to properly assess the issues and present an overview of the current situation across Member States.

Part III. SNA and Input Output Tables

The intent of questions [Q16-18] was to assess the extent of the development of Input Output tables, linkages with the system of national accounts, and the potential for linkages with the TSA. In particular, the adequacy of the data sources for constructing Input Output Tables was of interest here.

The responses indicated that no Input Output Tables are currently being compiled, although in one case, development work has begun.

Part IV. Foreign Direct Investment/ Foreign Affiliate Trade Statistics

The two questions were designed to ask whether data on FDI and FATS are being collected. FATS provides the measure of the GATS third mode of supply of services, through commercial presence. Though there were one or two countries that replied that they have no FDI statistics, all other countries indicated that they collect foreign direct investment data for their Balance of Payments compilations. Many only collect them in aggregate for the whole economy, a few break them down and have some detail for important industries or industry groups. The country that compiles what comes closest to FATS is Trinidad which compiles data for the Foreign Sector cross-classified by industry, so in effect, they compile the required statistics, gross output, intermediate consumption and value added by industry. The list of industry groups includes five groups of service industries (six including construction).

Part V. Tourism Statistics

Because of the high level of interest in tourism statistics for the region, the questions in Part V [Q.21 – 25], were designed to provide an overview of data collection and compilation from the specific point of view of tourism related activities and demand for tourism related services. The questions on tourism related activities might appear to duplicate the questions on production statistics, however, tourism statistics are frequently collected and compiled by different agencies, with emphasis on different aspects of demand and supply.

The responses clearly indicate the general availability of basic physical indicators of tourism demand, with an emphasis on international tourism, namely, arrivals and in the majority of cases also departures data. In several cases exit surveys are or have been conducted to obtain the crucial tourist expenditure data. No State has as yet compiled a Tourism Satellite Account, although in some cases there appears to have been some exploratory work. As in the case of production statistics, considerably more investigative work and follow-up will be required during the field visits, particularly, from a longer term data development and integration perspective.