## Survey documentation for the Quarterly National Account (QNA)

***Bangladesh Bureau of Statistics***

***January 2022***

***D R A F T***

The documentation consists of three parts: 1. Reference metadata 2. Releases 3. Process documentation (details about goals, methodology, roles, processes, and evaluation)

The main audience for the survey documentation is the staff working on the survey on a daily basis. In addition, the documentation can be used a) when introducing new staff, and b) when preparing overall plans, conducting quality audits and functional reviews. Finally, the survey documentation can be used when preparing changes, e.g., new IT solutions.

**1. Reference metadata (for internal and external users)**

**1.1 Contact information**

|  |  |
| --- | --- |
| Contact organization | Bangladesh Bureau of Statistics (BBS) |
| Contact organization unit | National Accounting Wing (GDP&FT) |
| Contact name | Mr Ziauddin Ahmed |
| Contact mail address | Parishankhyan Bhaban, E-27/A, Agargaon, Dhaka-1207, Bangladesh |
| Contact email address | [ziaubd@yahoo.com](mailto:ziaubd@yahoo.com) |
| Contact phone number | 02 55007048 / 0155 6304639 |

**1.2 Statistical presentation**

|  |  |
| --- | --- |
| Data description | The Bangladesh Bureau of Statistics (BBS) produces and disseminates on a quarterly basis the estimates of gross domestic product (GDP) at current market prices by industrial activity and expenditure categories and GDP at constant prices (base 2005/06) by industrial activity and expenditure categories. Output is valued at basic’s prices and domestic uses are valued at purchasers’ prices. Imports are valued c.i.f. and exports are valued f.o.b. Most transactions are recorded on an accrual basis in conformity with the 1993 SNA, but government and financial sector transactions are largely on a cash basis. |
| Classification system | National Accounts Wing uses ISIC Rev. 3 for the classification of economic activities, although the Economic Census 2013 used Bangladesh Standard Industrial Classification (BSIC) 2009, prepared by the BBS following International Standard Industrial Classification (ISIC) Rev.4. Economic Census 2013 uses Bangladesh Central Product Classification (BCPC) 2012 – developed by the BBS based on Central Product Classification (CPC) Rev.2 – for coding the products and the services produced by the economic units. COICOP 1999 is used to classify individual consumption expenditure by households |
| Sector coverage | The national accounts cover, in principle, all economic activities conducted in Bangladesh territory |
| Statistical concepts and definitions | The BBS’ estimates follow the concepts and definitions of the 1993 System of National Accounts (1993 SNA). Value added by industrial activity is calculated as gross production less intermediate consumption. GDP by expenditure category is calculated as the sum of the final use of goods and services through final consumption, capital formation, and exports less imports |
| Statistical unit | Establishments and households |
| Statistical population | The national accounts cover, in principle, all resident institutional units of Bangladesh in compliance with the 1993 SNA |
| Reference area | National accounts cover the entire economic territory of Bangladesh |
| Time coverage | Quarterly time series from fiscal year 2018/2019 |
| Base period | 2005/06 |

**1.3 Statistical processing**

|  |  |
| --- | --- |
| Source data | Agriculture and Forestry Sector   1. Census of Agriculture, 1996, 2007-08 2. Surveys on cost of production of selected crops, 2008-09 3. Use of Agricultural Inputs for Major Crops in Bangladesh, 1989-90 and 1993-94 4. Household based livestock and poultry survey, 2009 5. Farm poultry and livestock survey, 2007-08 6. Survey on Livestock and Poultry Activities in Bangladesh, 1993-94 7. Farm Forest Survey, 1988 8. Report on Forestry, Nursery and Horticulture Activities in Bangladesh, 1998 9. Survey on Fisheries Activities in Bangladesh, 1993-94   Manufacturing Sector   1. Survey of Manufacturing Industries, 2005-06 2. Labor Force Survey, 2005-06 3. Annual Establishment & Institution Survey, 2002-03 4. Bangladesh Handloom Census, 1990 5. Survey on Small Scale and Cottage Industries in Bangladesh, 1991 6. Bangladesh Census of Manufacturing Industries, 1995-96 7. Monthly release on Quantum Index of Industrial Production (QIIP. 8. Monthly Statistical Bulletin   Construction Sector   1. Private Construction Survey in Urban and Rural Areas of Bangladesh, 1993-94 2. Report of the Construction Consultant: Construction Sector of Bangladesh, 1994 3. Case Study on Major Inputs Used in Building Construction and I-O Coefficients, 2011 4. Pilot Construction Survey, 1998-99 5. Sample Vital Registration System (SVRS. Wholesale and Retail Trade; Repair of Motor Vehicles, Motorcycles, and Personal and Household Goods Sector 6. Annual Establishment & Institution Survey (AEIS., 1992-93, 2002-03 7. Integrated Annual Survey of Non-farm Economic Activities, 1989-90 8. Integrated Annual Survey of Non-farm Economic Activities 1992-93 9. Report of Survey on Estimation of Market Part of Agricultural Production and Distributive Trade, 1998   Hotel and Restaurants Sector   1. Hotel & Restaurant Survey 2009-10 2. Annual Establishment and Institution Survey (AEIS., 1992-93, 2002-03 Transport, Storage and Communications Sector 3. Private Commercial Mechanized Transport Survey 2009 4. Survey on Communication 2011 5. Survey on Mechanized and Non-mechanized Private Transport in Rural and Urban Areas in Bangladesh 1993-94 6. A Pilot Survey on Urban Storage in Private Sector, 1998   Real Estate, Renting, and Business Services Sector   1. Population and Housing Census 2011 2. Population and Housing Census 2001 3. Economic Census, 2001/2003 4. Annual Establishment Institution Survey (AEIS. 2002-03 5. Annual Establishment and Institution Survey 1995-96 6. Household Income and Expenditure Survey (HIES. 2010 7. Household Income and Expenditure Survey (HIES. 2005-06 8. Survey of Selected Business Services, 2012 9. Survey on Occupied Residential Houses and Real Estate Services 1997-98   Education Sector   1. Survey of Private Education Services in Bangladesh 2007 2. Survey of Private Education Services in Bangladesh 1997 Health and Social Work Sector 3. Survey of Private Health Service Establishment, 2007 4. Survey of Private Non-Profit institutions in Bangladesh 2007   Other Community, Social, and Personal Services Sector   1. Survey on Professional and Miscellaneous Services Personnel, 1993-94 2. Labor Force Survey, 2005-06 3. Labor Force Survey, 2002-03 4. Survey on Non-profit Institutions Serving Household 2007 5. Survey on Cultural and Recreational Activities 2010 6. Survey of Selected Economic Activities, 1994-95, BBS |
| Frequency of data collection | NA |
| Data collection | MS Excel |
| Data validation | NA |

**1.4 Quality dimensions**

**Relevance**

|  |  |
| --- | --- |
| User Needs | NA |
| User Satisfaction | NA |
| Data completeness rate | NA |

**Accessible and clarity**

|  |  |
| --- | --- |
| Release calendar access | NA |
| News release | NA |
| Publications | Quarterly National Accounts Statistics |
| On-line database | No |
| Micro-data access | No |
| Other | NA |
| Documentation on methodology | Quarterly National Accounts Statistics Metadata |
| Quality documentation | NA |

**Timeliness and punctuality**

|  |  |
| --- | --- |
| Timeliness and time lag - final results | Quarterly GDP estimates are disseminated 90 days after the reference period. On the other hand, first revision of quarterly GDP estimates are disseminated 180 days after the reference period. |
| Punctuality | NA |

**Coherence and comparability**

|  |  |
| --- | --- |
| Comparability - geographical | NA |
| Comparability over time | NA |
| Coherence - cross domain | NA |
| Coherence - internal | NA |

**Accuracy and reliability**

|  |  |
| --- | --- |
| Overall accuracy | NA |
| Sampling error | NA |
| Non-sampling error | NA |

**2. Releases**

| **ReleaseTitle** | **PlannedReleaseDate** | **ActualReleaseDate** |
| --- | --- | --- |
|  |  |  |

**3. Process documentation (for internal users)**

**3.1 General information**

|  |  |
| --- | --- |
| Goals/objectives in workplan/strategy | NA |
| Other goals | NA |
| Statistical program type | Macro-Aggregate Compilation program |
| Methodology (general) | **1. DESIGN OUTPUTS**  *Summary information*  NA  *Publication*  NA  *Dimensional data*  NA  *Unit data*  NA  **2. DESIGN VARIBABLE DESCRIPTIONS**  NA  **5. DESIGN PROCESSING AND ANALYSIS**  NA  **6. DESIGN PRODUCTION SYSTEM AND WORKFLOW**  See roles and processes below. Each process describes who is doing what, input, output, tools and specific methodology aspects. See also description of IT solution (general) |
| IT solution (general) | NA |

**3.2 Roles and human resources**

| **Name** | **Description** | **Number of staff allocated in one instance of the survey (man-months)** |
| --- | --- | --- |
| Top management - HQ | Director General | NA |
| Subject matter specialist HQ | Subject matter staff allocated to survey | NA |
| Dissemination staff | Staff allocated to dissemination and data storing | NA |
| Other roles HQ (IT etc.) | Staff allocated for data capture tasks | NA |
| District office staff | NA | NA |

**3.2 Collection, Processing, Analysis and Dissemination**

**Data collection**

|  |  |
| --- | --- |
| Who is doing what | NA |
| Input | NA |
| Output | NA |
| Methodology | NA |
| Tools | NA |

**Data processing**

|  |  |
| --- | --- |
| Who is doing what | Subject matter specialists do data editing, create weights |
| Input | Agriculture and Forestry Sector   1. Census of Agriculture, 1996, 2007-08 2. Surveys on cost of production of selected crops, 2008-09 3. Use of Agricultural Inputs for Major Crops in Bangladesh, 1989-90 and 1993-94 4. Household based livestock and poultry survey, 2009 5. Farm poultry and livestock survey, 2007-08 6. Survey on Livestock and Poultry Activities in Bangladesh, 1993-94 7. Farm Forest Survey, 1988 8. Report on Forestry, Nursery and Horticulture Activities in Bangladesh, 1998 9. Survey on Fisheries Activities in Bangladesh, 1993-94   Manufacturing Sector   1. Survey of Manufacturing Industries, 2005-06 2. Labor Force Survey, 2005-06 3. Annual Establishment & Institution Survey, 2002-03 4. Bangladesh Handloom Census, 1990 5. Survey on Small Scale and Cottage Industries in Bangladesh, 1991 6. Bangladesh Census of Manufacturing Industries, 1995-96 7. Monthly release on Quantum Index of Industrial Production (QIIP. 8. Monthly Statistical Bulletin   Construction Sector   1. Private Construction Survey in Urban and Rural Areas of Bangladesh, 1993-94 2. Report of the Construction Consultant: Construction Sector of Bangladesh, 1994 3. Case Study on Major Inputs Used in Building Construction and I-O Coefficients, 2011 4. Pilot Construction Survey, 1998-99 5. Sample Vital Registration System (SVRS. Wholesale and Retail Trade; Repair of Motor Vehicles, Motorcycles, and Personal and Household Goods Sector 6. Annual Establishment & Institution Survey (AEIS., 1992-93, 2002-03 7. Integrated Annual Survey of Non-farm Economic Activities, 1989-90 8. Integrated Annual Survey of Non-farm Economic Activities 1992-93 9. Report of Survey on Estimation of Market Part of Agricultural Production and Distributive Trade, 1998   Hotel and Restaurants Sector   1. Hotel & Restaurant Survey 2009-10 2. Annual Establishment and Institution Survey (AEIS., 1992-93, 2002-03 Transport, Storage and Communications Sector 3. Private Commercial Mechanized Transport Survey 2009 4. Survey on Communication 2011 5. Survey on Mechanized and Non-mechanized Private Transport in Rural and Urban Areas in Bangladesh 1993-94 6. A Pilot Survey on Urban Storage in Private Sector, 1998   Real Estate, Renting, and Business Services Sector   1. Population and Housing Census 2011 2. Population and Housing Census 2001 3. Economic Census, 2001/2003 4. Annual Establishment Institution Survey (AEIS. 2002-03 5. Annual Establishment and Institution Survey 1995-96 6. Household Income and Expenditure Survey (HIES. 2010 7. Household Income and Expenditure Survey (HIES. 2005-06 8. Survey of Selected Business Services, 2012 9. Survey on Occupied Residential Houses and Real Estate Services 1997-98   Education Sector   1. Survey of Private Education Services in Bangladesh 2007 2. Survey of Private Education Services in Bangladesh 1997 Health and Social Work Sector 3. Survey of Private Health Service Establishment, 2007 4. Survey of Private Non-Profit institutions in Bangladesh 2007   Other Community, Social, and Personal Services Sector   1. Survey on Professional and Miscellaneous Services Personnel, 1993-94 2. Labor Force Survey, 2005-06 3. Labor Force Survey, 2002-03 4. Survey on Non-profit Institutions Serving Household 2007 5. Survey on Cultural and Recreational Activities 2010 6. Survey of Selected Economic Activities, 1994-95, BBS |
| Output | Clean database: Excel files |
| Methodology | See general information |
| Tools | Excel, SPSS, STATA |

**Data analysis**

|  |  |
| --- | --- |
| Who is doing what | Subject matter specialists prepare tables, do analysis  Technical committee reviews  Top management approves |
| Input | Output from processing phase |
| Output | Output database: file, report etc. |
| Methodology | See general information |
| Tools | Excel and word |

**Data dissemination**

|  |  |
| --- | --- |
| Who is doing what | Subject matter specialist prepares press release with highlights and invite press for presentation of results  Meeting with press  Dissemination staff release report and update release calendar  Press publishes press release |
| Input | Output from analysis phase |
| Output | Approved report, pdf file at the website, press release etc. |
| Methodology | See general information |
| Tools | General purpose office tools and web tools |

**3.3 Evaluation**

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| --- | --- |
| Evaluation: results compared to goals | NA |
| Evaluation: results compared to indicators for processes | NA |
| Issues based on evaluation | NA |
| Recommendations | NA |