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Directorate C: National Accounts; prices and key indicators
Unit C-3: Statistics for administrative purposes

**REPORT ON THE QUALITY OF THE GNI DATA 2019
STATISTICS NETHERLANDS, VERSION 1.0**

**BASED ON Eurostat/C3/GNIG/004: EN
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PART 1: GENERAL INFORMATION

1.1 Summary of the main changes in data and methods compared to the 2018 GNI transmission

Table 1 is not provided due to the fact that for the Netherlands the reporting years 2002-2009 have officially been closed for GNI own resource purposes.

For the years 2010-2017, routine revisions have only been made for reporting year 2017. There are at this point in time no GNI reservations in place for the Netherlands. Hence the revisions of 2017 do not include any outstanding GNI reservations. There are also no effects from changes in sources and methods. Table 2 provides an overview.

Table 2
Revisions to the Dutch GNI (ESA95 based) for 2010-2013 and the Dutch GNI (ESA2010 based) for 2014-2017
(As percentage of GNI from the 2018 Questionnaire)

	2010	2011	2012	2013	2014	2015	2016	2017
Total revision to GNI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
<i>'of which':</i>								
Total revision caused by GNI reservations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total revision caused by changes in methods and sources (excl. ESA2010 implementation)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total revision caused by routine (current) revisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5

In addition, table 3 provides an overview of the (unrevised) total impact of the implementation of ESA2010 methodology on the GNI estimate (transition from ESA 95 to ESA 2010). This is only relevant for the originally ESA95 based years 2010-2013.

Table 3
Total impact of ESA2010 Implementation on the Dutch GNI (ESA95 based)
for 2010-2013
As percentage of GNI (ESA95 based) from the 2019 Questionnaire

	2010	2011	2012	2013
Total impact of ESA2010 implementation	1.6	1.6	1.7	2.3

GNI 2018: growth over 5 per cent

In 2018, GNI was 5.1% higher than in 2017. This level shift reflects real economic developments. GDP increased in volume terms by 2.6%. Combined with a price change of GDP of 2.2% this amounted to an increase of GDP in current prices by 4.9%, or in nominal terms, by 36 billion euros. Furthermore, the balance of property income with the rest of the world was 2 billion euros higher than in 2017. Together, this led to an increase of GNI in 2018 of 38 billion euros, or 5.1%.

1.1 Major changes and improvements to sources and methods of national accounts

No major changes and improvements to sources and methods of national accounts have been made for the 2019 questionnaire.

For the 2018 questionnaire, the results of the 2015 national accounts benchmark revision have been included. This benchmark revision amongst others included improved sources and methods for all action points stemming from the GNI mission to the Netherlands. All used source and methods are described in the [GNI inventory](#), the main differences with previous sources and methods are described in the [Explanatory notes to the National accounts 2015 benchmark revision](#). Eurostat is still in the process of analysing which action points can be officially closed and which may lead to reservations. This process is planned to be finished December 2019.

1.2 Changes in the revision policy and timetable for finalising the estimates; (domestic) publication date of the submitted data

With reference to the 2018 GNI questionnaire, no changes were made in the revision policies or time tables. The data from the national accounts were published according to the regular release calendar of Statistics Netherlands. On 24 June 2019 the most recent data for the national accounts were released for the period 1995-2018. The next benchmark revision for the Dutch National Accounts is, in line with the European Harmonised Revision Policy, planned to be published in June 2024. The reporting year for this benchmark revision will be 2021.

1.3 Results of any investigations on the quality of GNI and its components

Revision analysis

For some time now, revisions of Dutch macro-economic estimates, from first to final estimates, are mapped systematically. This is done for (among others) GDP and GNI. Both revisions in size as well as any directional revisions are systematically reviewed. The aim of this exercise is to gain a better understanding of the main causes of the revisions as to improve future (semi-final) estimates. Although the analysis of revisions in GDP mainly relates to volume data such as economic growth, also current price estimates benefit from this research. The successive estimates of Dutch national accounts variables are presented on [a dedicated page](#) on the CBS website (in Dutch only).

The revision analysis led to a research program, in which sources and methods for parts of the economy with large revisions in the last years are further examined in order to improve short term estimates. Furthermore, in this research program various options are explored to use more recent source data by shortening the processing period and compiling data on a higher aggregation level. Part of the work to be done is to pursue a number of test-exercises based on the proposed taxonomy and compilation procedures.

Comparing data sources

Until reporting year 2018, there were two main sources available with information on cross border transactions of Dutch non-financial corporations: the Statistics Finance of Corporations (by Statistics Netherlands) and the Direct Reporting Statistics (by the Dutch Central Bank). The last years, Statistics Netherlands and the Dutch Central Bank together conducted joint research to analyse and if possible solve large differences in primary income between these sources. Due to the intense collaboration there is a better, more complete and common insight in these incomes. As of 2019 this also resulted in a new joint questionnaire for the non-financial corporations which is conducted by Statistics Netherlands. This new survey replaces the two old ones.

Improvements of data processing and data analysis systems

For the compilation of the supply and use data Statistics Netherlands has built a further improved version of its data analysis system. This system enables the analysis of quarterly and annual data in mutual coherence. In addition, by introducing additional codes it is now possible to even better distinguish several steps in the compilation process. This makes the process more transparent and facilitates the composition of (more detailed) process tables.

In addition, with the final estimate of 2016 a new tool – the so called flexible data transfer tool – has been introduced. This application improved the transformation process from source data into national accounts data. The tool enables to process data from the source statistics at a (flexible) aggregation level; for each industry data from source statistics are taken at an aggregation level that is considered to be most accurate. Furthermore, the tool also better facilitates extrapolation of production, intermediate consumption and value

added, ensuring a closer and more transparent alignment between the source statistics and the national accounts.

Currently a new application is being developed that will improve and further automate the process of transferring source data into the national accounts supply and use input system. The new application will be placed into service for the final estimation of the 2018 supply and use data (GNI questionnaire 2020).

1.4 Description of developments in major sources

Non-financial corporations

From the first quarter of 2019 onwards, Statistics Netherlands and the Dutch Central Bank have a new combined survey for the income and balance sheets of the largest Dutch non-financial corporations. This survey combines information on balance sheets and transactions required for the national accounts and additional breakdowns (e.g. by country) required for the balance of payments. This means that from 2019 onwards the different individual surveys from Statistics Netherlands and the Dutch Central Bank are no longer used. Filling in the new, combined survey makes submitting the financial data more efficient for these corporations. Also, in the new situation there is one consistent dataset that is used by Statistics Netherlands as well as the Dutch Central Bank.

In the near future, comparable new surveys will be developed for investment funds, pension funds, insurance companies and special purpose entities.

Other financial institutions

Up until now the compilation of data on other financial institutions (S125, S126) was based on a variety of data sources. These data sources included direct data on subsidiaries of banks as part of bsi-reporting, data on securitization entities, annual reports, balance of payments and other counterpart information such as from banks, investments funds, insurers and pension funds. To improve the data on the OFI-sector the Dutch Central Bank is pursuing a project to firstly improve the way entities are grouped into statistical units with help from the business register at Statistics Netherlands, and secondly to compile data on these units by asking statistical information directly from these units. First preliminary results are expected over the first quarter of 2020. The first new annual estimate would become available in the course of 2021 which will be in time for inclusion in the next benchmark revision.

PART 2: CHANGES TO SOURCES AND METHODS FOR THE FINAL ESTIMATES

This section should explain changes in sources and methods compared to the ESA2010 GNI Inventory. This year, the updated [GNI inventory](#) has been published, based on the

results of 2015 benchmark revision. Since then, sources and methods have not been changed.

PART 3: REVISIONS TO YEARS 2010 TO 2017

Part 3 explains the main revisions to GNI for the “open” years, as given in table R1b – of the 2019 GNI Questionnaire. Revision items which significantly contribute to the overall revision of GNI are briefly explained.

Table 4 provides a breakdown of revisions to 2016-2017 estimates in millions of euros. No revisions are made for 2010-2016.

Table 4
Breakdown of Revisions to The Netherlands GNI for 2016 and 2017 (ESA2010 based)
(Million euros and as percentage of GNIQ 2018)

		2016	2017
GNIQ 2018		697862	740070
Total revision to GNI	(a)+(b)+(c)-(d)	0	3641
(as percentage of GNIQ2018)			(0.5)
'of which':			
(a) Total revision caused by GNI reservations		0	0
(b) Total revision caused by changes in methods and sources (excl. ESA2010 implementation)		0	0
(c) Total revision caused by routine (current) revisions		0	3641
'of which':			
	GDP (as percentage of GNIQ2018)	0	1098 (0.1)
	Balance of property income (as percentage of GNIQ2018)	0	2543 (0.3)
(d) ESA2010 to ESA95 Transition items		0	0
(as percentage of GNIQ2018)			
GNIQ 2019		697862	743711

3.1 Routine (current) revisions

The 2017 GDP figure in current prices was revised upwards with 0.1 per cent of GNI. This was the result of various small revisions on industry level. The larger ones among them concerned manufacturing (+0.2 per cent of GNI), construction (+0.1%) wholesale and retail trade (-0.1%), information and communication (+0.1), financial and insurance

services (-0.1%), and professional, scientific, technical administration and support services (-0.1%).

The balance of property income was revised upwards with 0.3 per cent of GNI. This is mainly caused by the use of newly available and more extensive data sources for the non-financial corporations. For the data in the 2019 questionnaire, annual data sources are available. These data sources cover almost all non-financial corporations, whereas the data from the 2018 questionnaire is based on the available quarterly data of around 200 of the largest companies.

3.2 Revisions related to the work on reservations (details of the methodological changes should be provided in part 4)

At present no reservations are in place for the GNI figures of the Netherlands.

3.3 Other revisions due to changes in methods and sources

There have been no changes in sources and methods.

3.4 Revisions due to the transition from ESA 95 to ESA 2010

There are no revisions for 2010-2013 ESA95 to ESA2010 transition items.

PART 4: REVISIONS RELATED TO GNI RESERVATIONS (2002-2010)

All reservations on 2002-2010 GNI data of the Netherlands have been lifted. Hence no revisions for the Dutch GNI figures are reported under Part 4.