

**QUALITY REPORT FOR STATISTICAL SURVEY**  
**Monthly Survey on Petroleum Refineries (ERG-1/N)**  
**For 2021**

Organisational unit: Environment and Energy Statistics and Sustainable Development  
Indicators Department / Energy Statistics and Sustainable Development  
Indicators Unit

Prepared by: Ana Grabić

May 2023

## 0. Basic information

- Purpose, goal, and subject of the survey

The survey is conducted in accordance with the Eurostat's document entitled "Statistical Requirements Compendium", Module 08.3.51 Energy statistics – production.

- Reference period

Month.

- Legal acts and other agreements

Regulation (EC) No. 1099/2008 of the European Parliament and of the Council of 22 October 2008 on energy statistics

Official Statistics Act (NN, No. 25/20)

Programme of Statistical Activities of the Republic of Croatia 2021 – 2027 (NN, No. 29/22)

Statistical Standards for the Monthly Survey on Power Plants available on the website of the Croatian Bureau of Statistics.

Classification system

National Classification of Activities, 2007 version.

- Statistical concepts and definitions

Inputs to refinery processes, energy consumed in refinery processes, deliveries and production using secondary inputs.

- Statistical units

Petroleum refineries.

- Statistical population

Target population includes all petroleum refineries. The data source for coverage is the Statistical Business Register.

## 1. Relevance

### 1.1. Data users

UN, IEA, OECD.

#### 1.1.1. User needs

The needs of the listed users were met.

#### 1.1.2. User satisfaction

UN, IEA, OECD – by electronic mail.

### 1.2. Completeness

The coverage meets guidelines and regulations of Eurostat, as data producer, and of Directorates-General responsible for the European Commission policy areas, as data users.

### 1.2.1. Data completeness rate

100%.

## 2. Accuracy and reliability

### 2.1. Sampling error

The indicator is not applicable for this survey.

#### 2.1.1. Sampling error indicators

The indicator is not applicable.

### 2.2. Non-sampling error

The indicator is not applicable for this survey.

#### 2.2.1. Coverage error

The indicator is not applicable for this survey.

#### 2.2.2. Over-coverage rate

The indicator is not applicable.

#### 2.2.3. Measurement error

The indicator is not applicable for this survey.

#### 2.2.4. Non-response error

The indicator is not applicable for this survey.

#### 2.2.5. Unit non-response rate

Unweighted non-response rate:

%

| Domain               | Domain value | Comment | January | February | March | April | May | June | July | August | September | October | November | December | Average |
|----------------------|--------------|---------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|
| Petroleum refineries | Croatia      | 0       | 0       | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0       |

#### 2.2.6. Item non-response rate

Unweighted non-response rate for certain variables:

%

| Variable                            | Domain               | Domain value | Comment | January | February | March | April | May | June | July | August | September | October | November | December | Average |
|-------------------------------------|----------------------|--------------|---------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|
| Non-response rate for all variables | Petroleum refineries | Croatia      |         | 0       | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0       |

#### 2.2.7. Processing error

The indicator is not applicable for this survey.

#### 2.2.8. Imputation rate

The indicator is not applicable.

#### 2.2.9. Model assumption error

The indicator is not applicable for this survey.

### 2.3. Data revision

#### 2.3.1. Data revision – policy

The users of statistical data are informed about revisions (provisional data, final data) on the website of the Croatian Bureau of Statistics.

#### 2.3.2. Data revision – practice

Provisional data are not published in the survey; therefore, there are no data revisions.

#### 2.3.3. Data revision – average size

The indicator is not applicable.

### 2.4. Seasonal adjustment

The indicator is not applicable for this survey.

## 3. Timeliness and punctuality

### 3.1. Timeliness

45 days after the end of the reporting period.

#### 3.1.1. Time lag – first results

Time lag – first results is T + 45.

#### 3.1.2. Time lag – final results

Time lag – final results is T + 45.

### 3.2. Punctuality

100%.

#### 3.2.1 Punctuality – delivery and publication

Punctuality is 1.

## 4. Accessibility and clarity

Data were published in the First Release entitled “Short-Term Indicators of Energy Statistics 2021, First Results”, in printed and electronic form.

### 4.1. News releases

“Short-Term Indicators of Energy Statistics 2021, First Results”.

### 4.2. Online databases

Data are not available in online databases.

#### 4.3. Micro-data access

The conditions under which certain users can access microdata are regulated by the Ordinance on the Conditions and Manner of Using Confidential Statistical Data for Scientific Purposes.

#### 4.4. Documentation on methodology

The methodology is available on the website of the Croatian Bureau of Statistics.

### 5. Coherence and comparability

#### 5.1. Asymmetry for mirror flows statistics

The indicator is not applicable for this survey.

#### 5.2. Comparability over time

The indicator is not applicable for this survey.

##### 5.2.1. Length of comparable time series

|                      |              |         |         |          |       |       |     |      |      |        |           |         |          | %        |
|----------------------|--------------|---------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Domain               | Domain value | Comment | January | February | March | April | May | June | July | August | September | October | November | December |
| Petroleum refineries | Croatia      |         | 145     | 146      | 147   | 148   | 149 | 150  | 151  | 152    | 153       | 154     | 156      | 156      |

##### 5.2.2. Reasons for break in time series

The indicator is not applicable for this survey.

#### 5.3. Coherence – subannual and annual statistics

The indicator is not applicable.

#### 5.4. Coherence – national accounts

The indicator is not applicable.

#### 5.5. Coherence – administrative sources

The indicator is not applicable.

### 6. Cost and burden

#### 6.1. Cost

Costs are minimal, as all data are collected by electronic means.

#### 6.2. Burden

Minimal.