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# JVS\_ESQRS\_A\_CY\_2023\_0000

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National Reference Metadata in ESS Standard for Quality Reports Structure (ESQRS) Compiling agency: Statistical Service of Cyprus (CYSTAT)

For any question on data and metadata, please contact: Eurostat user support

| 1. Contact                     | Тор                                                           |
|--------------------------------|---------------------------------------------------------------|
| 1.1. Contact organisation      | Statistical Service of Cyprus (CYSTAT)                        |
| 1.2. Contact organisation unit | Labour                                                        |
| 1.5. Contact mail address      | Statistical Service of Cyprus<br>CY-1444<br>Nicosia<br>Cyprus |

# 2. Statistical presentation

2.1. Data description

Job vacancy statistics (JVS) provide information on the level and structure of labour demand. The country transmits to Eurostat the quarterly data on the number of job vacancies and the number of occupied posts, as well as provides the quality report under the <u>JVS framework regulation</u> and the two implementing regulations: the <u>implementing regulation on the definition of a job vacancy, the reference dates for data collection, data transmission specifications and feasibility studies, as well as the <u>implementing regulation on seasonal adjustment procedures and quality reports</u>.</u>

#### 2.2. Classification system

The quarterly data are broken down by economic activity (at section level) in accordance with NACE Rev. 2 - Statistical classification of economic activities in the European Community.

### 2.3. Coverage - sector

The survey covers enterprises with one and more employees classified in all sectors of economic activities defined by NACE Rev., except Sectors A (Agriculture, Forestry and Fishing), T (Activities of Households as Employers; Undifferentiated Goods- and Services-Producing Activities of Households for own use) and U (Activities of Extraterritorial Organizations and Bodies).

2.4. Statistical concepts and definitions

A 'job vacancy' is defined as a paid post that is newly created, unoccupied, or about to become vacant: (a) for which the employer is taking active steps and is prepared to take further steps to find a suitable candidate from outside the enterprise concerned; and

(b) which the employer intends to fill either immediately or within a specific period of time.

'Active steps to find a suitable candidate' include:

- notifying the job vacancy to the public employment services,

- contacting a private employment agency/head hunters,

- advertising the vacancy in the media (for example internet, newspapers, magazines),
- advertising the vacancy on a public notice board,
- approaching, interviewing or selecting possible candidates/potential recruits directly,
- approaching employees and/or personal contacts,
- using internships.

'Specific period of time' refers to the maximum time the vacancy is open and intended to be filled. That period shall be unlimited; all vacancies for which active steps are continuing on the reference date shall be reported.

An 'occupied post' means a paid post within the organisation to which an employee has been assigned.

### 2.5. Statistical unit

The statistical unit for the data collection is the enterprise.

### 2.6. Statistical population

Enterprises with one and more employees.

2.7. Reference area

Government controlled areas of the Republic of Cyprus.

#### 2.8. Coverage - Time

Time series classified by NACE Rev. 2 are available from the first quarter 2009 onwards.

#### 2.9. Base period

Not applicable

# 3. Statistical processing

| 3.1. Source data                         |                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Identification of the source of the data | The data source for job vacancies statistics is the Employment<br>and Job Vacancies Survey, a survey carried out in enterprises by<br>the Statistical Service of Cyprus since 2005 on a quarterly basis.                                                                                                                            |
| Coverage                                 |                                                                                                                                                                                                                                                                                                                                     |
| - Geographical                           | Government controlled areas of the Republic of Cyprus were covered and were considered one region.                                                                                                                                                                                                                                  |
| - NACE                                   | All NACE sections were covered (except sections A - Agriculture,<br>Forestry and Fishing, T - Activities of Households as Employers<br>and U - Activities of Extraterritorial Organizations and Bodies).<br>Data was collected at division level and disseminated at section<br>level (B to S including O, excluding armed forces). |
| - Enterprise size                        | Enterprises with one and more employees are covered in the survey.                                                                                                                                                                                                                                                                  |
| Definition of the statistical<br>unit    | The statistical unit was the enterprise. According to the communitarian rules was defined as the smallest combination of legal units that is an organisational unit producing goods or services, which benefits from a certain degree of autonomy in decision-making, especially for the allocation of its current                  |

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|                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | nterprise carries out one or more activities at one<br>s. An enterprise may be a sole legal unit. |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--|--|
| Remarks                                                                                                                                               | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |  |  |
| Sampling design                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |  |  |
| Base used for the sample                                                                                                                              | The sampling frame used for the sample selection was drawn<br>from the Business Register of CYSTAT which is updated on an<br>annual basis using administrative sources and contains the<br>latest information on each enterprise in the statistical population<br>such as the identification items (unique identification number,<br>address etc.), economic activity codes (NACE Rev.2) and<br>number of employees (giving the enterprise size class).                                                                                     |                                                                                                   |  |  |
| Sampling design                                                                                                                                       | A stratified sampling was used for the sample selection. The<br>sample covered the entire country (government controlled area<br>of the Republic of Cyprus). The public units from the public<br>administration (O), education (P), human health and social wor<br>activities (Q) were exhaustively included in the survey, excep<br>local public authorities units, for which data was collected base<br>on a representative sample. The private units from the educatio<br>(P), human health and social work (Q) activities were sampled. |                                                                                                   |  |  |
| Retention/renewal of<br>sampling units                                                                                                                | The same samp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | le was used every quarter for year 2023.                                                          |  |  |
| Sample size                                                                                                                                           | The sample size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | e of each quarter was 3303 enterprises.                                                           |  |  |
| Stratification                                                                                                                                        | The stratification variables were given by the economic activity (2 digit - division level) and the size classes of the enterprise (1 employee, 1.5-5 employees, 5.5-10 employees, 10.5-15 employees, 15.5-19.5 employees, 20-49.5 employees and 50 and more employees (full coverage)).                                                                                                                                                                                                                                                    |                                                                                                   |  |  |
| Other sources                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |  |  |
| Maintenance agency                                                                                                                                    | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                   |  |  |
| Updating frequency                                                                                                                                    | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                   |  |  |
| Rules for clearance (of<br>outdated information)                                                                                                      | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                   |  |  |
| Voluntary/compulsory<br>reporting and sanctions                                                                                                       | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                   |  |  |
| Remarks                                                                                                                                               | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |  |  |
| 3.2. Frequency of data collection                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |  |  |
| Reference dates                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |  |  |
| Quarterly - The reference peric                                                                                                                       | od was the whole o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | quarter.                                                                                          |  |  |
| 3.3. Data collection                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |  |  |
| Brief description of the data of method(s)                                                                                                            | collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Remarks                                                                                           |  |  |
| was completed using telepho<br>private sector, semigove<br>municipalities and local authorit<br>a web-form questionr<br>also developed in Blaise that | one interview for<br>rnment sector,<br>ties. There is also<br>naire (CAWI)<br>can be filled in                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1-                                                                                                |  |  |
| 3.4. Data validation                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |  |  |
| Validation and consistency checks<br>checks regarding the validity of the                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Blaise program. At the end of data collection extra g SPSS.                                       |  |  |
| 3.5. Data compilation                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |  |  |

| Brief description of the weighting method | Weighting dimensions                                                                                                                 |  |  |  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| occupied posts are calculated for         | Weights are based on the employment of each NACE<br>and size group. For enterprises with 50+ employees,<br>the weight is equal to 1. |  |  |  |
| 3.6. Adjustment                           |                                                                                                                                      |  |  |  |

Not applicable

# 4. Quality management

### 4.1. Quality assurance

The quality of statistics in CYSTAT is managed in the framework of the European Statistics Code of Practice which sets the standards for developing, producing and disseminating European Statistics as well as the ESS Quality Assurance Framework (QAF). CYSTAT endorses the Quality Declaration of the European Statistical System. In addition, CYSTAT is guided by the requirements provided for in Article 11 of the Official Statistics Law No. 25(I) of 2021 as well as Article 12 of Regulation (EC) No 223/2009 on European statistics, which sets out the quality criteria to be applied in the development, production and dissemination of European statistics.

Additionally, CYSTAT has issued "Quality Guidelines for Statistical Processes", aiming to provide guidance on statistical production processes. The two pillars on which the guidelines are based, are the European Statistics Code of Practice which provides the basic principles for the production of high-quality European statistics and the GSBPM which defines and describes the main phases of the statistical production processe. This document provides a description of CYSTAT's Quality Policy, of the phases of statistical production and specific guidelines to be followed in every phase of statistical production. It is available internally to CYSTAT staff and ONAs.

### Annexes:

European Statistics Code of Practice ESS Quality Assurance Framework (QAF) Quality Declaration of the European Statistical System Official Statistics Law No. 25(I) of 2021 Regulation (EC) No 223/2009 on European statistics (consolidated text) 4.2. Quality management - assessment

The output quality in the ESS is assessed in terms of the following 5 quality criteria: relevance, accuracy & reliability, timeliness & punctuality, coherence & comparability and accessibility & clarity. The quality indicators are assessed taking into account EUROSTAT's defined methodology and recommendations. Taking into account the above criteria, the overall quality of the statistics produced is very high. For further details and information please refer to the relevant sections of this quality report.

| 5. Relevance                                                                                                                                                                                                                                                                                                                                                                                     |         | <u>Top</u> |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|--|
| 5.1. Relevance - User Needs                                                                                                                                                                                                                                                                                                                                                                      |         |            |  |
| Description of the national users and their main needs                                                                                                                                                                                                                                                                                                                                           | Remarks |            |  |
| <ul> <li>The main national users are grouped as following:</li> <li>Governmental bodies (i.e. National Central Bank)</li> <li>The Human Resource Development Authority (HRDA)</li> <li>Businessmen and especially Human Resource Managers</li> <li>Trade unions/ Employers Association</li> <li>International Bodies</li> <li>Academia</li> <li>The press</li> <li>The General Public</li> </ul> | None    |            |  |

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| The main information that the us Rate and the number of job vaca                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                             |                                                                                                                                                               |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 5.2. Relevance - User Satisfaction                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                               |  |  |
| Extent to which the needs of na (voluntary)                                                                                                                                                                                                                                                                                             | Remarks                                                                                                                                                                                                                                                                     |                                                                                                                                                               |  |  |
| Since 2008 (with the exception of 2010, 2013 and 2020) CYSTAT<br>carries out an annual online "Users Satisfaction Survey". The results of<br>the surveys are available on CYSTAT's web portal at the link attached<br>below.<br>Overall, there is a high level of satisfaction of the users of statistical<br>data published by CYSTAT. |                                                                                                                                                                                                                                                                             |                                                                                                                                                               |  |  |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                             |                                                                                                                                                               |  |  |
| Annexes:<br>Results of CYSTAT's User Satisfactio<br>5.3. Completeness                                                                                                                                                                                                                                                                   | on Surveys                                                                                                                                                                                                                                                                  |                                                                                                                                                               |  |  |
| Results of CYSTAT's User Satisfaction                                                                                                                                                                                                                                                                                                   | Report progress on the imple                                                                                                                                                                                                                                                | ncies statistics of Regulation<br>for completing implementation                                                                                               |  |  |
| Results of CYSTAT's User Satisfaction<br>5.3. Completeness<br>Description of missing<br>variables and missing                                                                                                                                                                                                                           | Report progress on the imple<br>regarding quarterly job vacar<br>(EC) No 453/2008, including :<br>- a detailed plan and timetable f<br>- a summary of the remaining d                                                                                                       | ncies statistics of Regulation<br>for completing implementation<br>eviations from EU concepts<br>EU concepts. The regulation was<br>onal survey. The data are |  |  |
| Results of CYSTAT's User Satisfaction<br>5.3. Completeness<br>Description of missing<br>variables and missing<br>breakdowns of the variables<br>No variables or breakdowns                                                                                                                                                              | Report progress on the impleregarding quarterly job vacau<br>(EC) No 453/2008, including :<br>- a detailed plan and timetable f<br>- a summary of the remaining d<br>There was no deviation from E<br>fully implemented into the nation<br>transmitted to Eurostat on quart | ncies statistics of Regulation<br>for completing implementation<br>eviations from EU concepts<br>EU concepts. The regulation was<br>onal survey. The data are |  |  |

## 6. Accuracy and reliability

6.1. Accuracy - overall

-

6.2. Sampling error

See 6.2.1.

### 6.2.1. Sampling error - indicators

Coefficient of variation (taking into account the sampling design) or estimated sampling error for the number of job vacancies (see guidelines).

Job Vacancies Statistics are based on the Employment and Job Vacancies Survey, a survey which is carried out in enterprises on a quarterly basis. Stratified sampling design has been used for sample selection, where the strata were the main economic division in two digits coded according to NACE Rev.2 and size class given by the number of employees.

All sections were included (except sections A – Agriculture, Forestry and Fishing, T - activities of households as employers and U - Activities of Extraterritorial Organizations and Bodies). The strata were defined by the cross-classification of NACE divisions with size classes (enterprise with no more than 1 employee, enterprises with 1,5 - 49,5 employees and enterprises with 50+ employees).

All enterprises employing 50+ employees were selected for the Survey whereas for the other size categories, the sample within each stratum was selected using simple random sample. The sample size in categories with no more than 49,5 employees was based on the number of enterprises in each category in the population.

For the case of public sector and the publicly owned enterprises, they were fully covered.

### Coefficients of variation:

The formulas used in order to compute the coefficients of variation in any stratum is:

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| CV=[V(x1+x2++xh] <sup>1/2</sup> /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | · · · · ·                                                                                        | ariation are given in the Anne                                                                                                                                                                                                                                                                                                | c attached below. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Annexes:<br><u>CY_Coefficients of Variation_</u><br>3.3. Non-sampling error                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <u>JVS2023</u>                                                                                   |                                                                                                                                                                                                                                                                                                                               |                   |
| Information on<br>variables with non-<br>negligible<br>measurement and<br>processing errors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | sources of (non-<br>negligible)<br>measurement and<br>processing errors<br>and, if available, on | Estimation bias: An<br>assessment of the non-<br>sampling errors, in terms<br>of the absolute number of<br>vacant posts, for the total<br>number of job vacancies<br>and, where possible, for<br>aggregation level of NACE<br>Rev. 2 specified in Annex<br>1 to this Regulation and<br>size classes (1-9, 10 +<br>employees). | Remarks           |
| The software for the Job<br>Vacancy Survey was<br>developed to find out the<br>measurement and<br>processing errors<br>occurred at different<br>stages of the survey.<br>The application was<br>designed in Blaise and<br>included the following<br>checks after the data entry:<br>• the logical flows<br>among the<br>questionnaire<br>chapters;<br>• the data<br>comparability with<br>the data of<br>previous quarter;<br>• the<br>identification of the<br>outliers or non-<br>logical values.<br>No variables with non-<br>negligible measurement or<br>processing errors were<br>identified through this<br>process. | None                                                                                             | No model was used.                                                                                                                                                                                                                                                                                                            | None              |
| 6.3.1. Coverage error<br>Description<br>of any<br>difference<br>between<br>the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | of classification error                                                                          | rs Description of any difference dates between the reference dates and the reference quarter                                                                                                                                                                                                                                  | ates relevant     |

| reference<br>population<br>and the<br>study<br>population                                              |                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| There is no<br>difference<br>between the<br>reference<br>population<br>and the<br>study<br>population. | Classification errors regarding the<br>economic activity were minimal and did<br>not affect the classification at the 2-digit<br>level of NACE Rev.2, which is the<br>dissemination level. |
| 6.3.1.1                                                                                                | . Over-coverage - rate                                                                                                                                                                     |
| -                                                                                                      |                                                                                                                                                                                            |
| 6.3.1.2                                                                                                | . Common units - proportion                                                                                                                                                                |
| -                                                                                                      |                                                                                                                                                                                            |
|                                                                                                        | surement error                                                                                                                                                                             |
| [see 6.3. non-s                                                                                        |                                                                                                                                                                                            |
| 6.3.3. Non<br>See 6.3.3.1.                                                                             | response error                                                                                                                                                                             |
|                                                                                                        |                                                                                                                                                                                            |
|                                                                                                        | . Unit non-response - rate                                                                                                                                                                 |
| Unit respon                                                                                            |                                                                                                                                                                                            |
| Q1 2023                                                                                                | 81.38%                                                                                                                                                                                     |
| Q2 2023                                                                                                | 85.32%                                                                                                                                                                                     |
| Q3 2023                                                                                                | 85.68%                                                                                                                                                                                     |
| Q4 2023                                                                                                | 85.35%                                                                                                                                                                                     |
| Please note the                                                                                        | at the following figures represent the Unit Non-Response rates:                                                                                                                            |
| Q1 2023                                                                                                | 18.62%                                                                                                                                                                                     |
| Q2 2023                                                                                                | 14.68%                                                                                                                                                                                     |
| Q3 2023                                                                                                | 14.32%                                                                                                                                                                                     |
| Q4 2023                                                                                                | 14.65%                                                                                                                                                                                     |
|                                                                                                        | . Item non-response - rate                                                                                                                                                                 |
| -                                                                                                      |                                                                                                                                                                                            |
| 6.3.4. Proc                                                                                            | essing error                                                                                                                                                                               |
| [see 6.3. non-s                                                                                        |                                                                                                                                                                                            |
| 6.3.4.1                                                                                                | Imputation - rate                                                                                                                                                                          |
|                                                                                                        | tion rate and methods and, where possible, the effect of imputation on the<br>r the variables transmitted                                                                                  |
| No imputatio                                                                                           | on made for any of the variables.                                                                                                                                                          |
| 6.3.5. Mod                                                                                             | el assumption error                                                                                                                                                                        |
|                                                                                                        | is used, include a description of the models used. Particular emphasis should models for imputation or grossing-up to correct for unit non-response.                                       |
| Not applicab                                                                                           | le                                                                                                                                                                                         |
| 6.4. Seasonal                                                                                          | adjustment                                                                                                                                                                                 |
|                                                                                                        | otion of seasonal adjustment procedures, in particular with regard to the tatistical System guidelines on seasonal adjustment which have been                                              |

Timeseries data from 2009-2023 are used and the methodological information is described in the excel file provided by EUROSTAT, which is attached below.

#### Annexes:

CY\_Quality Reporting on SA of JVS\_2023

### 6.5. Data revision - policy

A data revision policy is in place at CYSTAT. It is published on CYSTAT's web portal, at the following link: <u>https://www.cystat.gov.cy/en/StaticPage?id=1072</u>

CYSTAT also publishes a list of scheduled revisions (regular or major revisions), also published on its web portal, at the following link:

https://www.cystat.gov.cy/en/AnnouncementList

6.6. Data revision - practice

Provide a revision history, including the revisions in the published number of job vacancies and a summary of the reasons for the revisions.

No revision has been made on the data.

6.6.1. Data revision - average size

Not applicable

### 7. Timeliness and punctuality

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### 7.1. Timeliness

See 7.1.1.

7.1.1. Time lag - first result

Information on the time span between the release of data at national level and the reference period of the data.

Data are published at national level 75 days after the end of the quarter (5 days later after transmitted to EUROSTAT).

7.1.2. Time lag - final result

JVS data are published as final data.

7.2. Punctuality

See 7.2.1.

7.2.1. Punctuality - delivery and publication

| Deadlines for the<br>respondents to reply,<br>also covering recalls<br>and follow-ups                                                                                                                                                                                                                                     |                                                                            | Period of data<br>processing                                                                                                                                                                                                         | Dates of<br>publication of<br>first results                                                                                                                                          | Remarks                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| The process<br>concerning<br>the deadlines for the<br>respondents to reply<br>was performed as<br>follows: Enumerators<br>have to collect the data<br>within four weeks after<br>the end of the<br>reference quarter and<br>during the two following<br>weeks recalls, follow-<br>ups, replacements and<br>checks must be | undertaken for four<br>weeks after the end<br>of the reference<br>quarter. | processed after the<br>end of the data<br>collection period and<br>the final checks<br>performed for the<br>verification of the<br>information<br>collected. This<br>usually happens at<br>the second half of<br>the middle month of | dates for the<br>quarterly and<br>annual JVS 2023<br>results were set in<br>accordance with<br>the legal<br>requirements.<br>The data are<br>published on the<br>Statistical Service | were<br>delivered<br>/ released<br>on the<br>target<br>date on<br>which<br>they were<br>scheduled<br>for<br>delivery /<br>release |

| performed. Finally, data | (e.g. for Q12023 in | the      | reference | any   | delay | I |
|--------------------------|---------------------|----------|-----------|-------|-------|---|
| must be transmitted to   | May 2023).          | quarter. |           | (for  | all   |   |
| Eurostat 70 days after   |                     |          |           | quar  | ters  |   |
| the end of the           |                     |          |           | of 20 | )23). |   |
| reference quarters.      |                     |          |           |       | ŕ     | 1 |

### 8. Coherence and comparability

### 8.1. Comparability - geographical

Information on differences between national and European concepts, and — to the extent possible — their effects on the estimation.

Comparability between national and European concepts on:

**Definition of statistical units - There is no deviation from European concepts:** The **unit of selection** was the **enterprise** defined according to the communitarian rules for enterprises statistics as the smallest combination of legal units that is an organisational unit producing goods or services, which benefits from a certain degree of autonomy in decision-making, especially for the allocation of its current resources. An enterprise carries out one or more activities at one or more locations. An enterprise may be a sole legal unit. The **observation unit** of the Employment and Job Vacancies Survey was the **local unit**. If the enterprise had local units, which were situated in other cities than the one where the headquarter is located the enterprise reported data for all local units.

**Populations** - There is no deviation from European concepts: The frame population is the Business Register. It is updated using information from administrative sources (V.A.T. Department, Social Insurance Department, and Department of the Registrar of Companies) so as to take into account changes in the structure of employment by industry, occupation and size of the establishment. After relevant sample surveys are completed, the updated information of sampled enterprises is provided to the Business Register. Due to the continuous updating of the Business Register, the frames used for sampling and grossing up are different.

**Reference times - There is no deviation from European concepts:** The statistics on job vacancies were produced, with a quarterly periodicity as requested in the European regulations.

**Classifications** - There is no deviation from European concepts: The national classification of economic activities is covered by NACE Rev.2. The size classes of enterprises correspond to the size classes requested.

**Definitions of variables - There is no deviation from European concepts:** The definitions of Employment and Job Vacancies Survey variables were developed and adopted in accordance with European standards (Commission Regulation (EC) no 19/2009 implementing Regulation (EC) No 453/2008 of the European Parliament and of the Council on quarterly statistics on Community job vacancies, as regards the definition of a job vacancy, the reference dates for data collection, data transmission specifications and feasibility studies).

### 8.1.1. Asymmetry for mirror flow statistics - coefficient

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#### 8.2. Comparability - over time

Information on changes in definitions, coverage and methods in any two consecutive quarters, and their effects on the estimation.

Remarks

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The Employment and Job Vacancies Survey in Cyprus has been carried out quarterly since 2005. No changes in definitions, coverage and methods in any two consecutive quarters have occurred and thus, comparability over time is ensured.

8.2.1. Length of comparable time series

Quarterly data from 2009 to 2023.

8.3. Coherence - cross domain

Comparisons of data on the number of vacant jobs from other relevant sources when available, in total and broken down by NACE at section level when relevant, and reasons if the values differ considerably.

Comparison with LFS data is provided in Annex (Relative difference between the numbers of employees and posts and Beveridge Curve). The differences in the two datasets are due to the

different methodologies used to produce the data.

### Annexes:

CY Beveridge curve 2023

CY\_Comparison of JVS with LFS Data

### 8.4. Coherence - sub annual and annual statistics

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8.5. Coherence - National Accounts

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8.6. Coherence - internal

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# 9. Accessibility and clarity

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### 9.1. Dissemination format - News release

The quarterly Job Vacancies are published on CYSTAT's web portal. The press releases for 2023 can be found at the following links:

https://www.cystat.gov.cy/en/PressRelease?id=66858

https://www.cystat.gov.cy/en/PressRelease?id=66860

https://www.cystat.gov.cy/en/PressRelease?id=66862

https://www.cystat.gov.cy/en/PressRelease?id=68653

| 9.2. Dissemination format - Publications                                                                                 |                                                                                                                                          |                                                                                                                               |                                                                                                           |  |  |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|--|
| Dissemination<br>scheme,<br>including to<br>whom the results<br>are sent                                                 | Periodicity of<br>national<br>publication                                                                                                | References for publications of core<br>results, including those with<br>commentary in the form of text, graphs,<br>maps, etc. | Information<br>on what<br>results, if any,<br>are sent to<br>reporting<br>units included<br>in the sample |  |  |
| Data are<br>disseminated<br>quarterly to<br>Eurostat 70<br>calendar days<br>after the end of<br>the reference<br>period. | Data are<br>disseminated<br>quarterly on the<br>website of<br>CYSTAT 75<br>calendar<br>days after the<br>end of the<br>reference period. | <u>https://www.cystat.gov.cy/en/PressRelease?</u><br>id=68653<br>-                                                            | Not applicable                                                                                            |  |  |

### 9.3. Dissemination format - online database

JVS data are published on CYSTAT's online database, available at the link attached below.

Annexes:

CYSTAT's online database

9.3.1. Data tables - consultations

9.4. Dissemination format - microdata access

Statistical micro-data from CYSTAT's surveys are accessible for research purposes only and under strict provisions as described below:

Under the provisions of the Official Statistics Law, CYSTAT may release microdata for the sole use of scientific research. Applicants have to submit the request form "APPLICATION FOR DATA FOR RESEARCH PURPOSES" giving thorough information on the project for which micro-data are needed.

The application is evaluated by CYSTAT's Confidentiality Committee and if the application is approved, a charge is fixed according to the volume and time consumed for preparation of the data. Micro-data may then be released after an anonymization process which ensures no direct identification of the statistical units but, at the same time, ensures usability of the data. The link for the application is attached below.

### Annexes:

Link to the application for access to microdata on CYSTAT's website 9.5. Dissemination format - other

-

9.6. Documentation on methodology

9.7. Quality management - documentation

| Methodological information on Job Vacancies can be<br>found at the following<br>link: <a href="https://www.cystat.gov.cy/en/MethodologicalDetails?">https://www.cystat.gov.cy/en/MethodologicalDetails?</a> No references<br>for core<br>methodological<br>documents were<br>provided.CYSTAT<br>issues a<br>quarterly<br>press<br>release with<br>the results<br>of JVS. | Description of and references for metadata provided                                        | References for<br>core<br>methodological<br>documents<br>relating to the<br>statistics<br>provided | Description<br>of main<br>actions<br>carried out<br>by the<br>national<br>statistical<br>services to<br>inform<br>users<br>about the<br>data | Remarks |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------|
|                                                                                                                                                                                                                                                                                                                                                                          | found at the following<br>link: <u>https://www.cystat.gov.cy/en/MethodologicalDetails?</u> | for core<br>methodological<br>documents were                                                       | issues a<br>quarterly<br>press<br>release with<br>the results                                                                                | None    |

-

9.7.2. Metadata - consultations

# 10. Cost and Burden

Cost and burden of the survey are not available.

CAWI is incorporated in order to reduce the cost and minimize respondent's burden.

# 11. Confidentiality

### 11.1. Confidentiality - policy

Official statistics are released in accordance to all confidentiality provisions of the following:

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- National Official Statistics Law No. 25(I) of 2021 (especially Article 16 on statistical confidentiality).
- Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 on European statistics and its later amendments (especially Chapter 5 on statistical confidentiality).
- European Statistics Code of Practice (especially Principle 5 on statistical confidentiality).
- Guidelines for the Protection of Confidential Data.

### Annexes:

Official Statistics Law No. 25(I) of 2021 Regulation (EC) No 223/2009 on European statistics (consolidated text) European Statistics Code of Practice Guidelines for the Protection of Confidential Data

11.2. Confidentiality - data treatment

Disclosure rules: Brief description of when data have to be deleted for reasons of confidentiality

The treatment of confidential data is regulated by Guidelines for the Protection of Confidential Data.

### Annexes:

Guidelines for the Protection of Confidential Data

| 12. Comment     | <u>Top</u> |
|-----------------|------------|
| Special remarks |            |
| None            |            |

| Related metadata | Тор |
|------------------|-----|
|                  |     |

### Annexes

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