SESRIC STATISTICAL CAPACITY BUILDING (STATCAB) PROGRAMME

Training Course on “Labour Statistics”

TURKSTAT
Department of Labour Force Statistics
Labour Force Statistics Division

ANKARA
2024

Contents

Dissemination

- Dissemination Tools and Publication Periods
- Seasonal Adjustment Procedure

Data Dissemination Tools

- **Monthly Press Release**
  - 10th day of the every month
  - Results for Türkiye
- **Quarterly Press Release**
  - Four times in year
  - More detailed results
- **Annual Press Release**
  - In March of the following year
  - Regional results (SR-1, SR-2)
- **Micro Datasets** from 2000
- **Databases**

Publication Period

Independent monthly results are published every month.

Survey month

Release date
10 January 2024

Nov	Dec	Jan	Feb	Mar	Apr

Reference month + 40 days

PRESS RELEASE

INFO REQUEST
Data Dissemination Group

TECHNICAL INFO
Tuna KEMALİ

ALO 124 +90 312 454 77 57
info@tuik.gov.tr tuna.kemali@tuik.gov.tr
/tuikbilgi /tuikbilgi

RELEASE DATE: 10 January 2023
HOURS : 10.00
NUMBER: XXXXX

Labour Force Statistics, November 2022

Seasonally adjusted unemployment rate realized as 10.2%

According to Household Labour Force Survey; the number of unemployed persons aged 15 years old and over increased by 23 thousand to 3 million 576 thousand persons in November 2022 compared to the previous month. As the unemployment rate estimated 10.2% without any change compared to the previous month; it was estimated 8.8% for men and 12.9% for women.

Seasonally adjusted employment rate realized as 48.6%

The number of employed persons increased by 285 thousand to 31 million 574 thousand persons in November 2022 compared to the previous month. The employment rate occurred as 48.6% with 0.4 percentage point increase. In addition, this rate was 65.7% for men, 31.7% for women.

Unemployment rate, November 2020-November 2022

Employment rate, November 2020-November 2022

ate realized as 54.1%

n 150 thousand persons with 308 thousand persons increase
'orce participation rate was 54.1% with 0.5 percentage point
vomen.

vas 17.8%

The youth unemployment rate in the 15-24 age group was 17.8% with 2.6 percentage point decrease compared to the previous month. While this rate was estimated 14.4% for men and 23.9% for women.

Seasonally adjusted main labour force indicators, 15+ age, November 2022

	November 2022			Previous month			Difference with the previous month		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Thousand)									
Population 15 years and over	65 026	32 185	32 842	64 947	32 144	32 804	79	41	38
Labour force	35 150	23 195	11 955	34 842	23 071	11 772	308	124	183
Employment	31 574	21 157	10 417	31 289	21 062	10 227	285	95	190
Unemployment	3 576	2 038	1 538	3 553	2 008	1 545	23	30	- 7
Not in the labour force	29 876	8 989	20 887	30 105	9 073	21 032	- 229	- 84	- 145
(%)									
Labour force participation rate	54.1	72.1	36.4	53.6	71.8	35.9	0.5	0.3	0.5
Employment rate	48.6	65.7	31.7	48.2	65.5	31.2	0.4	0.2	0.5
Unemployment rate	10.2	8.8	12.9	10.2	8.7	13.1	0.0	0.1	-0.2
Youth unemployment rate (15-24 age)	17.8	14.4	23.9	20.4	17.0	26.6	-2.6	-2.6	-2.7

Figures in the table may not add up to totals due to rounding.
In accordance with the seasonal adjustment method, estimates for previous months are published after being revised.

Seasonally Adjusted Series

- Most of the series in the LFS contain seasonal effects. In data that includes seasonal movements, it is very difficult to understand whether the change in a certain period is caused by real increase or decrease in the data or seasonal effects.
- TurkStat has been publishing seasonally adjusted labor force indicators since 2005 and seasonally adjusted indicators started to be announced as national estimates since 2021.
- Monthly and quarterly main labor force indicators (15+ and 15-24 age group) and complementary indicators are being adjusted.

Method for Seasonal Adjustment

The seasonal adjustment is carried out using TRAMO-SEATS methodology. The software that is used for the application of this method is JDemetra+ developed by the National Bank of Belgium (NBB) in accordance with the Guidelines of the European Statistical System.

- The seasonal adjustment process of Labour Force Statistics begins at the end of each year with the identification of the models of next year. This specified model structure is kept fixed throughout the year

- Seasonally adjusted figures have been produced by indirect approach. Namely, number of employed and unemployed by economic activities are seasonally adjusted and then used to derive seasonally adjusted total labour force.

Dissemination for Seasonal Adjustment

Seasonal adjustment procedure is subject to revisions over time because of the re-estimation of seasonal component as new observations are added. These revisions are implemented on the data of the last three years excluding the current year.

Seasonally adjusted main labour force indicators, 15+ age, January 2024

	January 2024			Previous month		
	Total	Male	Female	Total	Male	Female
(Thousand)						
Population 15 years and over	**65 726**	32 529	33 197	**65 683**	32 509	33 175
Labour force	**35 436**	23 274	12 162	**35 191**	23 162	12 029
Employment	**32 222**	21 479	10 743	**32 062**	21 476	10 586
Unemployment	**3 214**	1 795	1 419	**3 129**	1 686	1 444
Not in the labour force	**30 290**	9 255	21 035	**30 492**	9 347	21 145
(%)						
Labour force participation rate	**53.9**	71.5	36.6	**53.6**	71.2	36.3
Employment rate	**49.0**	66.0	32.4	**48.8**	66.1	31.9
Unemployment rate	**9.1**	7.7	11.7	**8.9**	7.3	12.0
Youth unemployment rate (15-24 age)	**16.6**	14.1	21.1	**15.5**	11.9	22.1

Figures in table may not add up to totals due to rounding.

In accordance with the seasonal adjustment method, estimates for previous months are published after being revised.

Instutional Quality Reports

The quality concept applied in that reports that declaration of in line with the definition developed by the European Statistical System and reported in the European Statistics Code of Practice. According to this definition, the quality of a statistical output includes the following components: relevance, accuracy and reliability, timeliness, comparability and coherence, accessibility and clarity. Each quality component consists of several sub-components and is shortly explained at this report.

Press Release 150 | Statistical Tables 227 | Databases 9 | Reports 2 | Metadata 10

Household Labour Force Statistics Metaverisi

- Analytical Framework, Concepts, Definitions, and Classifications
- Scope of the Data
- Accounting Conventions
- Characteristics of Basic Data Sources
- Compilation Practices
- Revisions
- Seasonal Adjustment
- Instutional Quality Report

Future Plans

- Provincial level main labour force indicators were published for the years 2008-2013 by using the Small Area Estimation method. However, due to some inconsistencies by model-based approaches, the publication of provincial level indicators was suspended in 2014.

- With the adjustments made in the sampling design in 2022, provincial estimates began to be produced directly using research data and will publish in 2024.

Thank you for your attention!

tuna.kemali@tuik.gov.tr