

DECLINE IN UNEMPLOYMENT RATE, INCREASE IN ALTERNATIVE UNEMPLOYMENT RATES

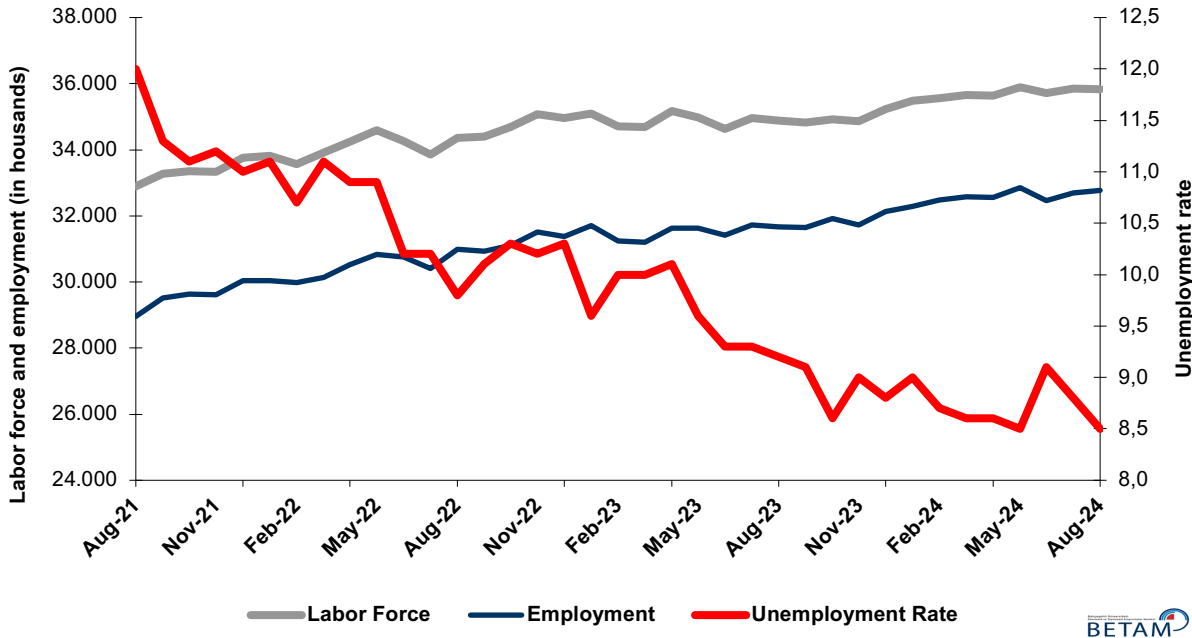
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Executive Summary

An increase of 78 thousand people in employment and a decrease of 89 thousand people in the number of unemployed reduced the labor force by approximately 10 thousand, and the general unemployment rate decreased by 0.3 points from July to August, reaching 8.5 percent.

Seasonally adjusted female unemployment rate decreased from 12.2 percent to 11.4 percent as a result of the 126 thousand increase in employment and the 96 thousand decrease in the number of unemployed from July to August. The male unemployment rate remained constant at 7 percent in August, as a result of a decrease of 48 thousand people in employment and an increase of 7 thousand people in unemployed. While the female labor force level increased by 31 thousand, the male labor force level decreased by 41 thousand. As a result of these developments, the gender gap in unemployment rates decreased by 0.8 points to 4.4 points in August.

Figure 1: Seasonally adjusted labor force, employment, and unemployment



Source: Turkstat, Betam

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Increase in employment and decrease in the number of unemployed

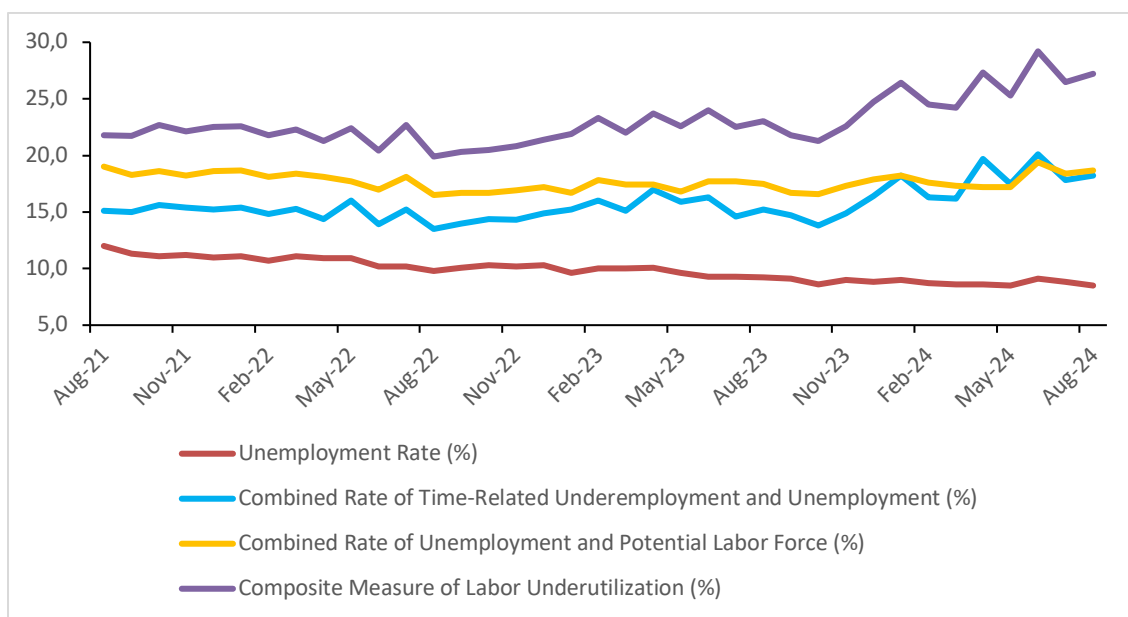
According to seasonally adjusted data, the number of employed increased by 78 thousand people from July to August, reaching 32 million 776 thousand. In August, the number of unemployed people decreased by 89 thousand to 3 million 55 thousand. As a result of this development, the workforce decreased by 10 thousand and is at the level of 35 million 831 thousand (Figure 1, Table 1). The unemployment rate decreased by 0.3 percentage points to 8.5 in August.

Increase in alternative unemployment rates

Box 1 reports the methods Turkstat uses to calculate the alternative unemployment rates. These measures consider both the time-related underemployment (those who are employed for less than 40 hours a week but would like to increase their working hours and fail to do so) and the potential labor force (the individuals who are neither employed nor looking for a job but wish to work).

According to seasonally adjusted data, the "General unemployment rate" was 8.5 percent in August, while the unemployment rate, which also takes the potential workforce into account, increased from 18.4 percent to 18.7 percent as a result of the 255 thousand increase in the potential workforce. The unemployment rate, which takes into account time-related underemployment, increased by 0.4 to 18.2 percent. The unemployment rate, which is the combination of the last two alternative unemployment rates, increased by 0.7 to 27.2 percent (Figure 2, Table 2).

Figure 2: Headline Unemployment Rate and Supplementary Indicators for Labor Force

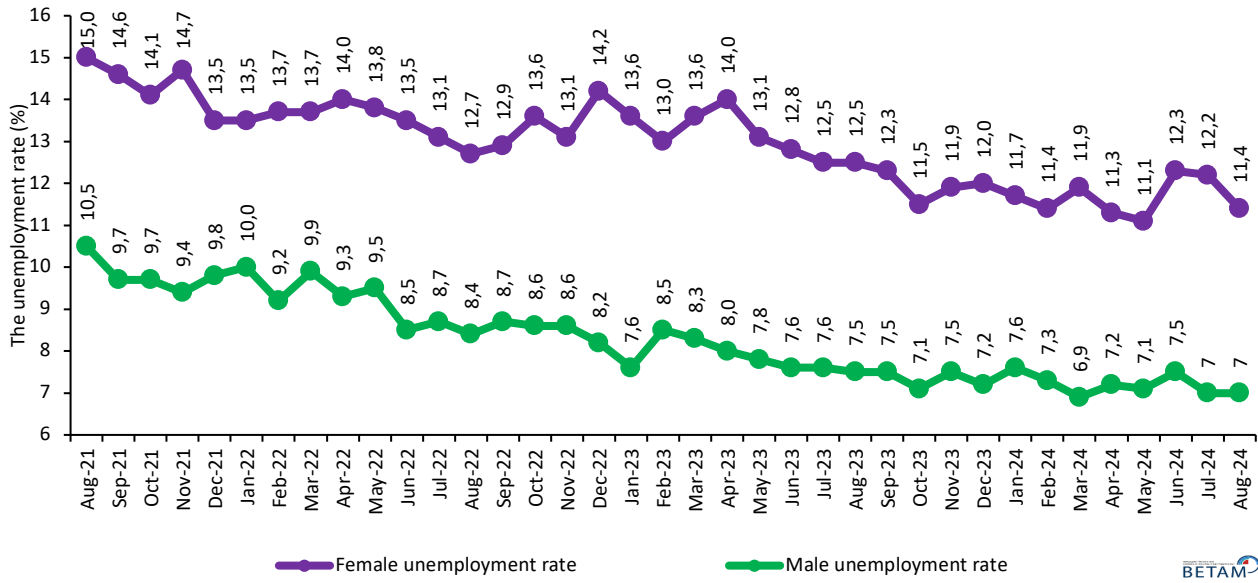


Source: Turkstat, Betam

Decrease in female unemployment along with increase in female employment

Figure 3 shows seasonally adjusted female and male unemployment rates. While the employment level of women increased by 126 thousand from July to August, the number of unemployed people decreased by 96 thousand people, and as a result, the workforce increased by 31 thousand. The female unemployment rate decreased by 0.8 points from July to August, falling to 11.4. In July, female employment increased by 56 thousand, and the female unemployment rate decreased by 0.1 point to 12.2. While male employment decreased by 48 thousand in August, the number of unemployed increased by 7 thousand and the male unemployment rate remained constant at 7 percent. There was an increase of 186 thousand in male employment in July, and the unemployment rate reached 7 percent with a decrease of 0.5 percentage points.

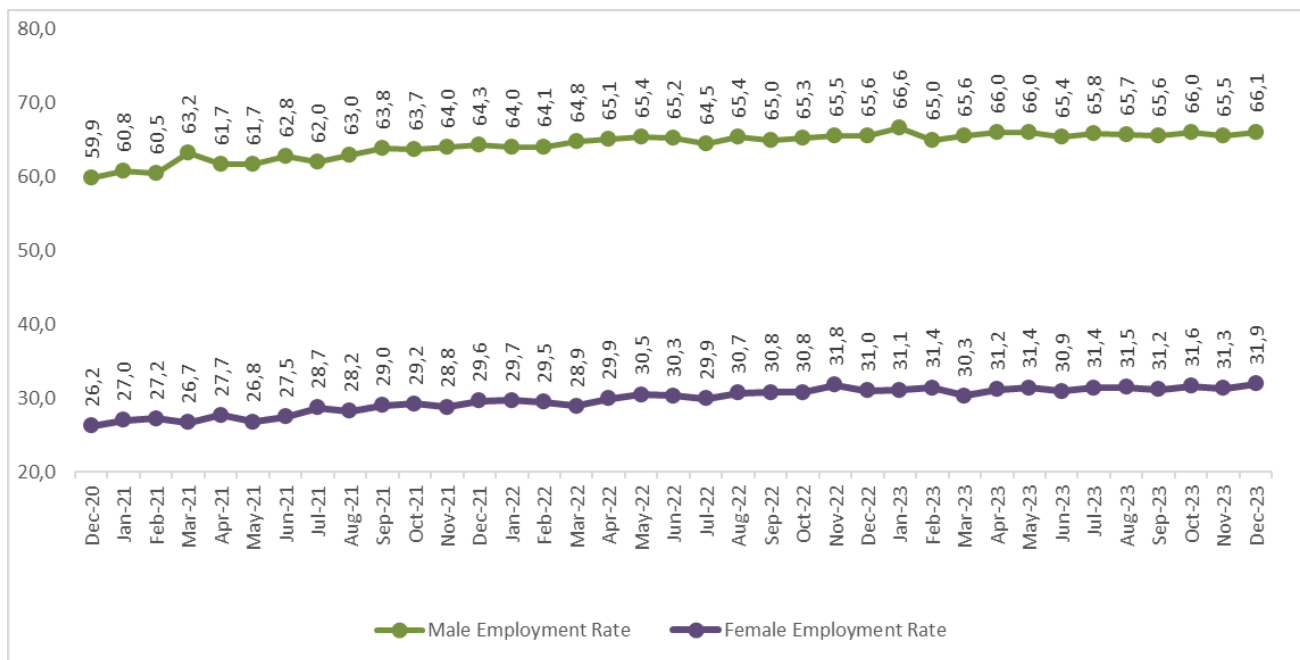
Figure 3: Seasonally adjusted unemployment rate by gender (%)



Source: Turkstat, Betam

While the female employment rate increased to 32.6 percent as a result of an increase in employment of 126 thousand people, the male employment rate decreased to 67.1 percent with a decrease of 48 thousand people in employment (Figure 4).

Figure 4: Seasonally adjusted employment rate by gender (%)



Source: Turkstat, Betam

Table 1: Seasonally adjusted labor force indicators (in thousands)

	Labor Force	Employment	Unemployment	Unemployment Rate	Monthly Changes		
					Labor Force	Employment	Unemployment
August-21	32,894	28,957	3,938	12.0			
September-21	33,275	29,514	3,760	11.3	381	557	-178
October-21	33,343	29,632	3,711	11.1	68	118	-49
November-21	33,335	29,618	3,717	11.2	-8	-14	6
December-21	33,756	30,045	3,711	11.0	421	427	-6
January-22	33,809	30,044	3,765	11.1	53	-1	54
February-22	33,571	29,982	3,589	10.7	-238	-62	-176
March-22	33,908	30,140	3,768	11.1	337	158	179
April-22	34,240	30,522	3,718	10.9	332	382	-50
May-22	34,594	30,824	3,770	10.9	354	302	52
June-22	34,264	30,764	3,500	10.2	-330	-60	-270
July-22	33,860	30,410	3,450	10.2	-404	-354	-50
August-22	34,361	30,986	3,375	9.8	501	576	-75
September-22	34,402	30,927	3,475	10.1	41	-59	100
October-22	34,681	31,105	3,576	10.3	279	178	101
November-22	35,082	31,519	3,563	10.2	401	414	-13
December-22	34,965	31,374	3,591	10.3	-117	-145	28
January-23	35,095	31,713	3,382	9.6	130	339	-209
February-23	34,714	31,246	3,468	10.0	-381	-467	86
March-23	34,690	31,204	3,485	10.0	-24	-42	17
April-23	35,170	31,625	3,545	10.1	480	421	60
May-23	34,971	31,622	3,349	9.6	-199	-3	-196
June-23	34,639	31,406	3,233	9.3	-332	-216	-116
July-23	34,964	31,723	3,241	9.3	325	317	8
August-23	34,885	31,676	3,209	9.2	-79	-47	-32
September-23	34,816	31,651	3,165	9.1	-69	-25	-44
October-23	34,915	31,919	2,996	8.6	99	268	-169
November-23	34,853	31,718	3,135	9.0	-62	-201	139
December-23	35,231	32,122	3,109	8.8	378	404	-26
January-24	35,478	32,280	3,198	9.0	247	158	89
February-24	35,565	32,471	3,093	8.7	87	191	-105
March-24	35,653	32,577	3,076	8.6	88	106	-17
April-24	35,630	32,564	3,066	8.6	-23	-13	-10
May-24	35,892	32,853	3,039	8.5	262	289	-27
June-24	35,715	32,456	3,259	9.1	-177	-397	220
July-24	35,841	32,698	3,144	8.8	126	242	-115
August-24	35,831	32,776	3,055	8.5	-10	78	-89

Source: Turkstat, Betam

Table 2: Unemployment, alternative unemployment rates (%) levels (in thousand)

	Unemployment Rate (%)	Persons in Unemployment (in thousands)	Combined Rate of Time-Related Underemployment and Unemployment (%)	Time-Related Underemployed (in thousands)	Combined Rate of Unemployment and Potential Labor Force (%)	Potential Labor Force (in thousands)	Composite Measure of Labor Underutilization (%)	Total
Aug-21	11.6	3,775	16.0	1,428	19.4	3,143	23.3	8,346
Sep-21	12.0	3,938	15.1	1,029	19.0	2,854	21.8	7,821
Oct-21	11.3	3,760	15.0	1,231	18.3	2,851	21.7	7,842
Nov-21	11.1	3,711	15.6	1,491	18.6	3,060	22.7	8,261
Dec-21	11.2	3,717	15.4	1,417	18.2	2,873	22.1	8,006
Jan-22	11.0	3,711	15.2	1,420	18.6	3,154	22.5	8,285
Feb-22	11.1	3,765	15.4	1,442	18.7	3,145	22.6	8,352
Mar-22	10.7	3,589	14.8	1,380	18.1	3,037	21.8	8,006
Apr-22	11.1	3,768	15.3	1,420	18.4	3,028	22.3	8,216
May-22	10.9	3,718	14.4	1,213	18.1	3,027	21.3	7,958
Jun-22	10.9	3,770	16.0	1,765	17.7	2,859	22.4	8,394
Jul-22	10.2	3,500	13.9	1,263	17.0	2,801	20.4	7,564
Aug-22	10.2	3,450	15.2	1,697	18.1	3,271	22.7	8,417
Sep-22	9.8	3,375	13.5	1,264	16.5	2,748	19.9	7,387
Oct-22	10.1	3,475	14.0	1,341	16.7	2,725	20.3	7,542
Nov-22	10.3	3,576	14.4	1,418	16.7	2,660	20.5	7,654
Dec-22	10.2	3,563	14.3	1,454	16.9	2,847	20.8	7,864
Jan-23	10.3	3,591	14.9	1,619	17.2	2,926	21.4	8,136
Feb-23	9.6	3,382	15.2	1,952	16.7	2,976	21.9	8,310
Mar-23	10.0	3,468	16.0	2,086	17.8	3,298	23.3	8,852
Apr-23	10.0	3,485	15.1	1,753	17.4	3,088	22.0	8,327
May-23	10.1	3,545	17.0	2,434	17.4	3,117	23.7	9,096
Jun-23	9.6	3,349	15.9	2,211	16.8	3,036	22.6	8,597
Jul-23	9.3	3,233	16.3	2,413	17.7	3,521	24.0	9,168
Aug-23	9.3	3,241	14.6	1,864	17.7	3,582	22.5	8,686
Sep-23	9.2	3,209	15.2	2,094	17.5	3,510	23.0	8,813
Oct-23	9.1	3,165	14.7	1,953	16.7	3,180	21.8	8,298
Nov-23	8.6	2,996	13.8	1,822	16.6	3,357	21.3	8,175
Dec-23	9.0	3,135	14.9	2,058	17.3	3,500	22.6	8,693
Jan-24	8.8	3,109	16.4	2,669	17.9	3,894	24.7	9,672
Feb-24	9.0	3,198	18.2	3,259	18.2	3,984	26.4	10,441
Mar-24	8.7	3,093	16.3	2,704	17.6	3,843	24.5	9,640
Apr-24	8.6	3,076	16.2	2,700	17.3	3,739	24.2	9,515
May-24	8.6	3,066	19.7	3,953	17.2	3,699	27.3	10,718
Jun-24	8.5	3,039	17.5	3,242	17.2	3,786	25.3	10,067
Jul-24	9.1	3,259	20.1	3,920	19.4	4,553	29.2	11,732
Aug-24	8.8	3,144	17.8	3,236	18.4	4,229	26.5	10,609

Source: Turkstat, Betam

Table 3: Seasonally adjusted female and male labor market indicators (thousands)

	Total labor force, Female	Total Employment, Female	Total Unemployed, Female	Total labor force, Male	Total Employment, Male	Total Unemployed, Male	Women LFPR	Women Employment Rate	Men LFPR	Men Employment Rate
Aug-21	10,688	9,087	1,601	22,206	19,870	2,336	33.2	28.2	70.3	62.9
Sep-21	10,899	9,313	1,586	22,376	20,201	2,175	33.8	28.8	70.7	63.9
Oct-21	11,002	9,454	1,549	22,340	20,178	2,162	34.0	29.2	70.5	63.7
Nov-21	10,930	9,329	1,602	22,405	20,289	2,116	33.8	28.8	70.7	64.0
Dec-21	11,128	9,630	1,497	22,629	20,415	2,214	34.3	29.7	71.3	64.3
Jan-22	11,199	9,687	1,513	22,609	20,357	2,252	34.5	29.8	71.1	64.0
Feb-22	11,118	9,591	1,527	22,453	20,391	2,062	34.2	29.5	70.5	64.1
Mar-22	10,998	9,492	1,507	22,910	20,649	2,261	33.8	29.2	71.9	64.8
Apr-22	11,354	9,770	1,584	22,886	20,752	2,134	34.9	30.0	71.7	65.0
May-22	11,511	9,927	1,584	23,083	20,897	2,186	35.3	30.4	72.3	65.4
Jun-22	11,455	9,904	1,551	22,808	20,859	1,949	35.1	30.3	71.3	65.2
Jul-22	11,220	9,746	1,474	22,639	20,663	1,976	34.3	29.8	70.7	64.5
Aug-22	11,489	10,030	1,459	22,872	20,956	1,916	35.1	30.6	71.3	65.4
Sep-22	11,549	10,054	1,495	22,853	20,873	1,980	35.2	30.7	71.2	65.0
Oct-22	11,695	10,100	1,595	22,986	21,005	1,981	35.7	30.8	71.5	65.3
Nov-22	11,997	10,431	1,567	23,085	21,088	1,996	36.5	31.8	71.7	65.5
Dec-22	11,900	10,211	1,689	23,065	21,163	1,902	36.2	31.1	71.6	65.7
Jan-23	11,830	10,220	1,610	23,265	21,493	1,772	35.9	31.1	72.1	66.6
Feb-23	11,845	10,309	1,536	22,869	20,937	1,933	36.0	31.3	70.8	64.9
Mar-23	11,625	10,049	1,576	23,064	21,155	1,909	35.3	30.5	71.4	65.5
Apr-23	11,994	10,309	1,685	23,177	21,316	1,861	36.4	31.3	71.7	65.9
May-23	11,847	10,293	1,554	23,124	21,328	1,796	35.9	31.2	71.5	65.9
Jun-23	11,739	10,239	1,499	22,900	21,167	1,734	35.5	31.0	70.7	65.4
Jul-23	11,873	10,391	1,481	23,091	21,332	1,759	35.9	31.4	71.3	65.9
Aug-23	11,855	10,371	1,485	23,030	21,305	1,725	35.8	31.4	71.0	65.7
Sep-23	11,778	10,335	1,443	23,038	21,315	1,722	35.6	31.2	71.0	65.7
Oct-23	11,858	10,499	1,359	23,056	21,420	1,637	35.8	31.7	71.0	66.0
Nov-23	11,790	10,390	1,400	23,063	21,328	1,736	35.6	31.3	71.0	65.7
Dec-23	12,051	10,605	1,446	23,181	21,517	1,664	36.3	32.0	71.3	66.2
Jan-24	12,164	10,742	1,422	23,314	21,538	1,776	36.6	32.4	71.7	66.2
Feb-24	12,170	10,782	1,388	23,395	21,690	1,705	36.6	32.5	71.9	66.6
Mar-24	12,246	10,785	1,461	23,407	21,793	1,615	36.8	32.4	71.9	66.9
Apr-24	12,170	10,800	1,370	23,459	21,764	1,695	36.6	32.5	72.0	66.8
May-24	12,321	10,947	1,373	23,571	21,906	1,666	37.0	32.9	72.3	67.2
Jun-24	12,187	10,693	1,493	23,528	21,763	1,766	36.6	32.1	72.1	66.7
Jul-24	12,244	10,749	1,496	23,597	21,949	1,648	36.8	32.3	72.3	67.3
Aug-24	12,275	10,875	1,400	23,556	21,901	1,655	36.8	32.6	72.1	67.1

Source: Turkstat, Betam

Box 1: Definitions of alternative unemployment rates¹

The time-related underemployment: Persons employed in the reference week who worked less than 40 hours in total (in main job and additional job/s) were willing to work additional hours and were available to do so but could not find a job for the extra hours.

The potential labor force: Persons not in employment who would like to work, but for whom the existing conditions limit active job search and/or availability.

The unemployed: The unemployed comprises all persons 15 years of age and over who were not employed during the reference period, had used at least one active channel for seeking a job during the last four weeks, and were available to start work within two weeks.

1) Unemployment rate = $[\text{persons in unemployment} / \text{labor force}] \times 100$

2) Combined rate of time-related underemployment and unemployment =

$$[(\text{persons in time-related underemployment} + \text{persons in unemployment}) / \text{labor force}] * 100$$

3) Combined rate of unemployment and potential labor force =

$$[(\text{persons in unemployment} + \text{potential labor force}) / (\text{labor force} + \text{potential labor force})] \times 100$$

4) Composite measure of labor underutilization =

$$[(\text{persons in time-related underemployment} + \text{persons in unemployment} + \text{potential labor force}) / (\text{labor force} + \text{potential labor force})] \times 100$$

¹ Detailed information is available in the **Metadata** section of the link : <https://data.tuik.gov.tr/Kategori/GetKategori?p=istihdam-issizlik-ve-ucret-108&dil=1>