

SHARP INCREASE IN FEMALE UNEMPLOYMENT RATE

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Executive Summary

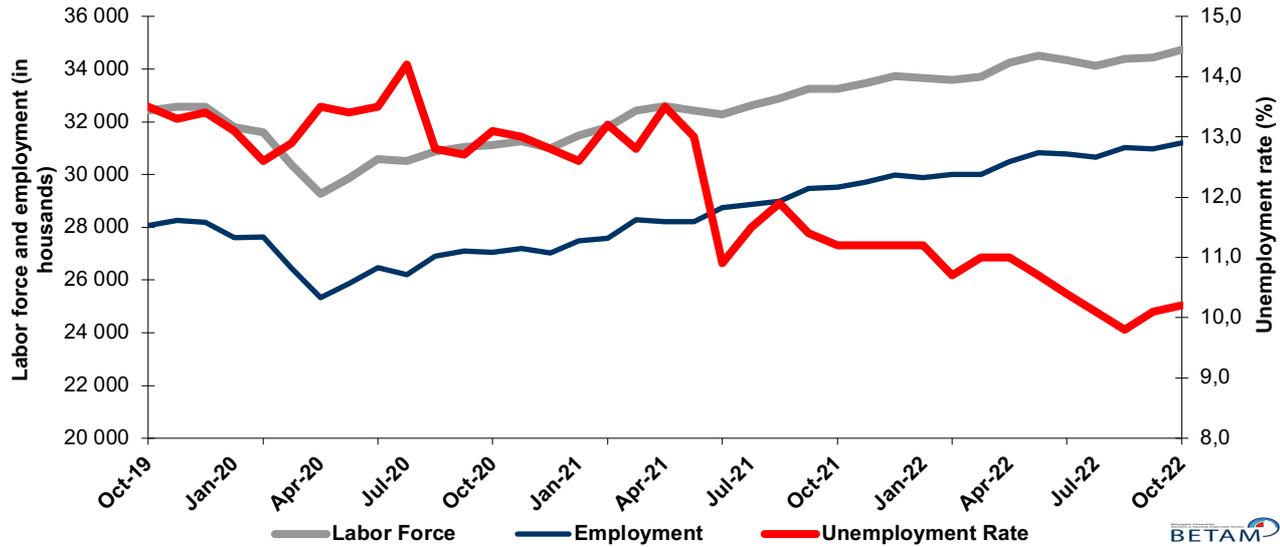
Since the number of unemployed persons increased by 57 thousand and the number of employed persons increased by 229 thousand, the labor force grew by 286 thousand. As a result, the unemployment rate increased by 0.1 pp to 10.2% from September to October.

The seasonally adjusted female unemployment rate increased by 0.5 pp to 13.3%, as female employment and unemployment rose by 81 and 72 thousand, respectively. As for males, the seasonally adjusted unemployment rate decreased by 0.1 pp to 8.6% following the decrease in male unemployment by 16 thousand and the increase in the number of employed by 148 thousand. The female and male labor force increased by 154 and 133 thousand, respectively. Following these developments, the gender gap in the unemployment rates of females and males rose by 0.6 pp to 4.7%.

The rise in the employment and labor force

According to the monthly seasonally adjusted data, the number of employed persons was up by 229 thousand MoM to 31 million 220 thousand, and the number of unemployed persons grew by 57 thousand to 3 million 534 thousand. Therefore, the total labor force increased by 287 thousand to 34 million 734 thousand (Figure 1, Table 1). From September to October, the unemployment rate rose by 0.1 pp to 10.2%.

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



Source: Turkstat, Betam

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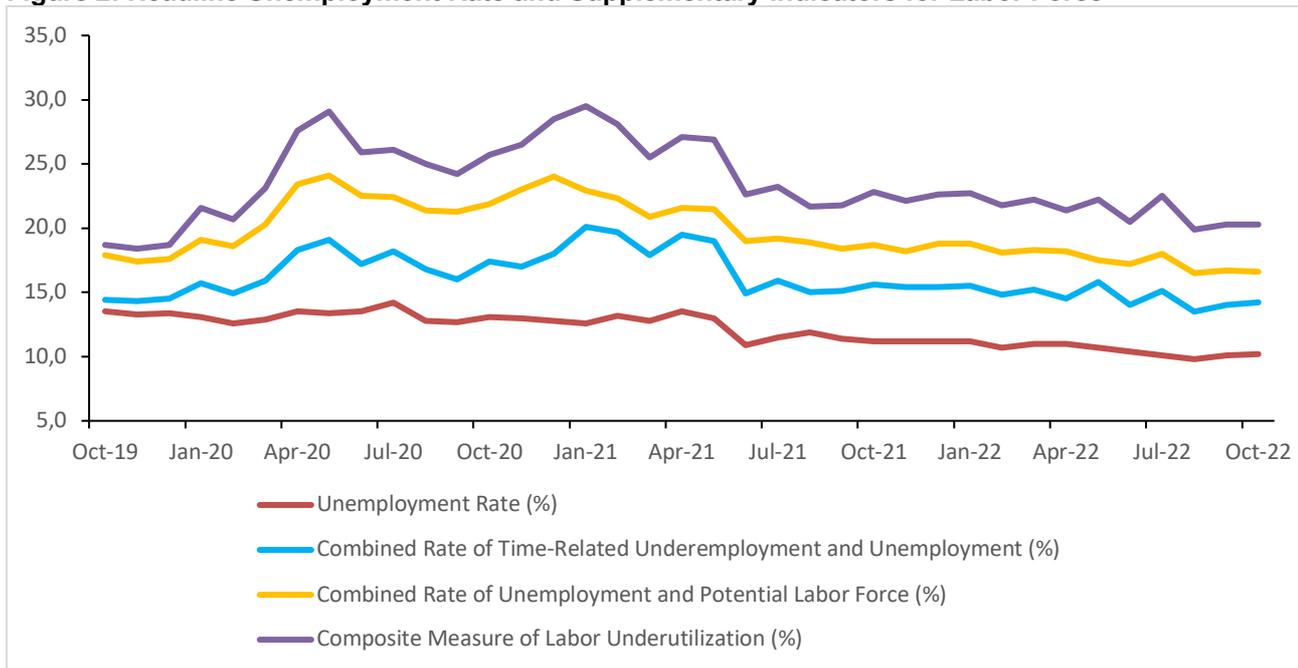
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Developments in the alternative unemployment rates

Box 1 reports the methods Turkstat used 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 but 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 the seasonally adjusted data, the general unemployment rate increased by 0.1 pp to 10.2% from September to October. The level of the potential labor force went down through the increases in the labor force and employment. As a result, the combined rate of unemployment and the potential labor force fell by 0.1 pp to 16.6%. The combined rate of time-related underemployment and unemployment increased by 0.2 pp and reached 14.2% in October. After increasing 0.4 pp. in September, “The composite measure of labor underutilization” which combines the two previous alternative unemployment metrics, was unchanged at 20.3% in October (Figure 2, Table 4).

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

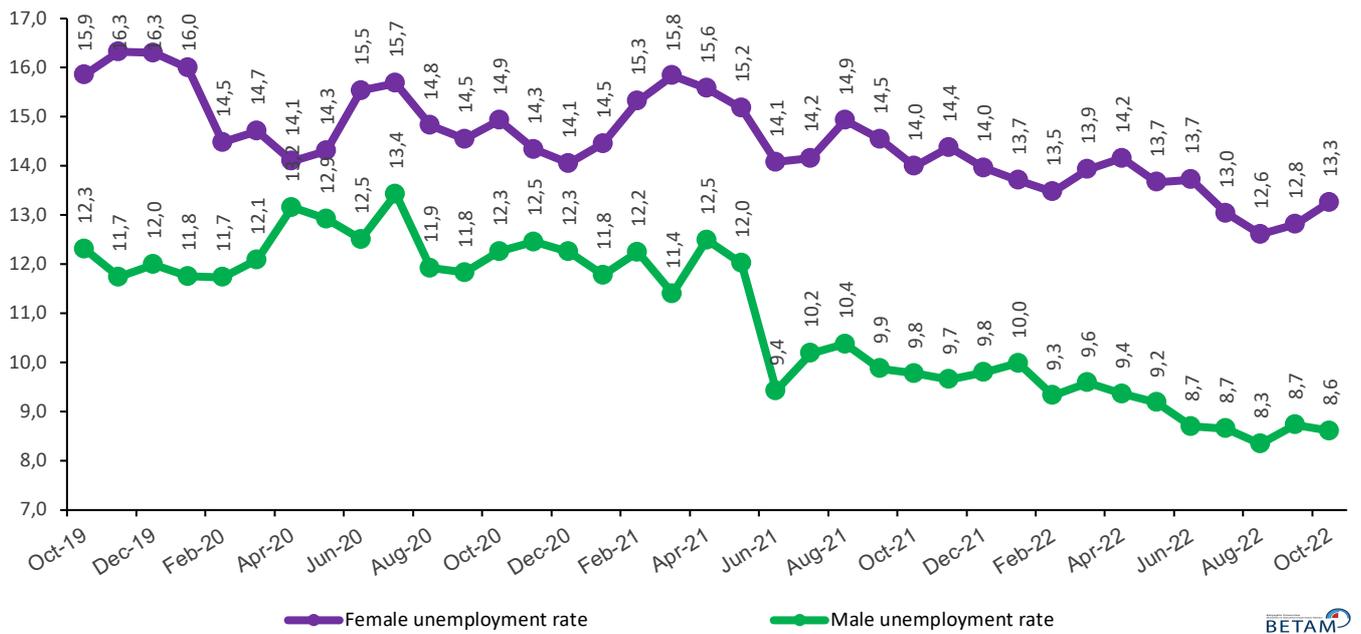


Source: Turkstat, Betam

Record high unemployment rate for female

Figure 3 shows the seasonally adjusted unemployment rate for males and females. The level of female employment and unemployment increased by 81 thousand and 72 thousand, respectively. Therefore, female unemployment rate rose by 0.5 pp. to 13,3 in October, with labor force growing faster than employment. Male employment grew by 148 thousand, following a decrease of 60 thousand in September. At the same time, male unemployment fell by 16 thousand on a monthly basis in October. As a result, the unemployment rate of male declined 0.1 pp. to 8.6 in October (Figure 3).

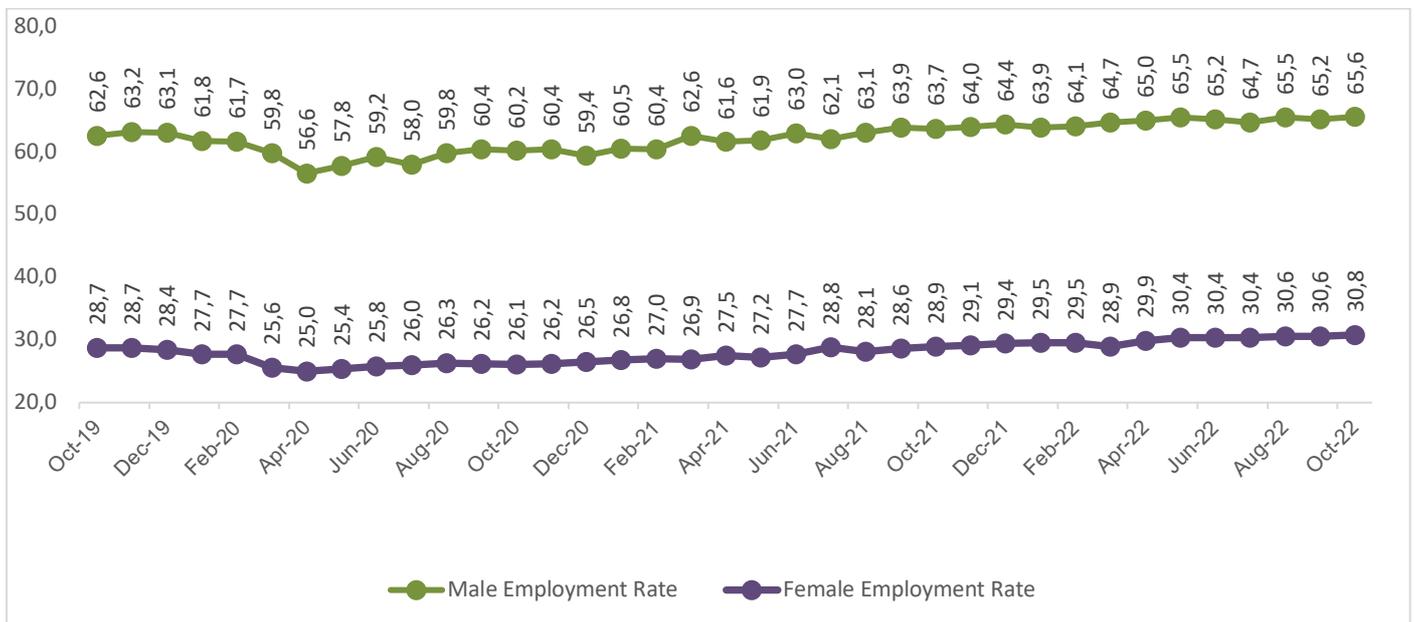
Figure 3: Seasonally adjusted unemployment rate by gender (%)



Source: Turkstat, Betam

As a result of 81 thousand increase in employment, female employment rate was up 0.2 pp. to 30.8% in October. As for male, the employment rate rose by 0.4 pp. to 65.6%, following a decrease of 0.3 pp. in September (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
Oct-19	32430	28060	4370	13.5%			
Nov-19	32582	28265	4317	13.2%	152	205	-53
Dec-19	32565	28200	4365	13.4%	-17	-65	48
Jan-20	31787	27611	4176	13.1%	-778	-589	-189
Feb-20	31609	27621	3989	12.6%	-178	10	-187
Mar-20	30370	26450	3920	12.9%	-1239	-1171	-69
Apr-20	29268	25331	3937	13.5%	-1102	-1119	17
May-20	29849	25862	3987	13.4%	581	531	50
Jun-20	30594	26475	4120	13.5%	745	613	133
Jul-20	30511	26193	4318	14.2%	-83	-282	198
Aug-20	30876	26910	3967	12.8%	365	717	-351
Sep-20	31034	27097	3937	12.7%	158	187	-30
Oct-20	31124	27047	4077	13.1%	90	-50	140
Nov-20	31265	27186	4078	13.0%	141	139	1
Dec-20	31008	27032	3976	12.8%	-257	-154	-102
Jan-21	31472	27496	3976	12.6%	464	464	0
Feb-21	31785	27577	4208	13.2%	313	81	232
Mar-21	32434	28280	4153	12.8%	649	703	-55
Apr-21	32597	28202	4395	13.5%	163	-78	242
May-21	32435	28211	4224	13.0%	-162	9	-171
Jun-21	32275	28751	3524	10.9%	-160	540	-700
Jul-21	32614	28862	3752	11.5%	339	111	228
Aug-21	32887	28988	3899	11.9%	273	126	147
Sep-21	33250	29462	3788	11.4%	363	474	-111
Oct-21	33238	29529	3709	11.2%	-12	67	-79
Nov-21	33476	29725	3751	11.2%	238	196	42
Dec-21	33740	29973	3768	11.2%	264	248	17
Jan-22	33658	29885	3773	11.2%	-82	-88	5
Feb-22	33588	29994	3594	10.7%	-70	109	-179
Mar-22	33710	30003	3707	11.0%	122	9	113
Apr-22	34233	30483	3750	11.0%	523	480	43
May-22	34513	30827	3685	10.7%	280	344	-65
Jun-22	34338	30775	3564	10.4%	-175	-52	-121
Jul-22	34113	30659	3454	10.1%	-225	-116	-110
Aug-22	34377	31019	3358	9.8%	264	360	-96
Sep-22	34447	30971	3477	10.1%	70	-48	119
Oct-22	34734	31200	3534	10.2%	287	229	57

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
Oct-19	13.5	4370	14.4	300	17.9	1748	18.7	6418
Nov-19	13.3	4317	14.3	342	17.4	1637	18.4	6296
Dec-19	13.4	4365	14.5	357	17.6	1658	18.7	6380
Jan-20	13.1	4176	15.7	815	19.1	2343	21.6	7333
Feb-20	12.6	3989	14.9	721	18.6	2322	20.7	7032
Mar-20	12.9	3920	15.9	909	20.3	2817	23.1	7646
Apr-20	13.5	3937	18.3	1419	23.4	3801	27.6	9157
May-20	13.4	3987	19.1	1714	24.1	4225	29.1	9926
Jun-20	13.5	4120	17.2	1142	22.5	3566	25.9	8828
Jul-20	14.2	4318	18.2	1235	22.4	3243	26.1	8796
Aug-20	12.8	3967	16.8	1220	21.4	3359	25.0	8547
Sep-20	12.7	3937	16.0	1028	21.3	3397	24.2	8362
Oct-20	13.1	4077	17.4	1339	21.9	3507	25.7	8923
Nov-20	13.0	4078	17.0	1237	23.0	4043	26.5	9358
Dec-20	12.8	3976	18.0	1605	24.0	4560	28.5	10142
Jan-21	12.6	3976	20.1	2350	22.9	4191	29.5	10517
Feb-21	13.2	4208	19.7	2054	22.3	3707	28.1	9968
Mar-21	12.8	4153	17.9	1653	20.9	3319	25.5	9125
Apr-21	13.5	4395	19.5	1961	21.6	3375	27.1	9731
May-21	13.0	4224	19.0	1939	21.5	3503	26.9	9665
Jun-21	10.9	3524	14.9	1285	19.0	3220	22.6	8029
Jul-21	11.5	3752	15.9	1434	19.2	3106	23.2	8292
Aug-21	11.9	3899	15.0	1034	18.9	2857	21.7	7790
Sep-21	11.4	3788	15.1	1233	18.4	2855	21.8	7876
Oct-21	11.2	3709	15.6	1476	18.7	3083	22.8	8268
Nov-21	11.2	3751	15.4	1404	18.2	2863	22.1	8018
Dec-21	11.2	3768	15.4	1428	18.8	3171	22.6	8367
Jan-22	11.2	3773	15.5	1444	18.8	3146	22.7	8363
Feb-22	10.7	3594	14.8	1377	18.1	3035	21.8	8006
Mar-22	11.0	3707	15.2	1417	18.3	3013	22.2	8137
Apr-22	11.0	3750	14.5	1214	18.2	3032	21.4	7996
May-22	10.7	3685	15.8	1768	17.5	2854	22.2	8307
Jun-22	10.4	3564	14.0	1243	17.2	2829	20.5	7636
Jul-22	10.1	3454	15.1	1697	18.0	3276	22.5	8427
Aug-22	9.8	3358	13.5	1283	16.5	2772	19.9	7412
Sep-22	10.1	3477	14.0	1346	16.7	2732	20.3	7554
Oct-22	10.2	3534	14.2	1398	16.6	2676	20.3	7608

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 LFP R	Men Employment Rate
Oct-19	10659	8969	1690	21771	19092	2680	34.1	28.7	71.4	62.6
Nov-19	10720	8969	1750	21862	19295	2567	34.3	28.7	71.6	63.2
Dec-19	10636	8902	1734	21929	19298	2631	33.9	28.4	71.7	63.1
Jan-20	10339	8685	1654	21448	18926	2521	33.0	27.7	70.0	61.8
Feb-20	10165	8693	1472	21444	18928	2517	32.4	27.7	69.9	61.7
Mar-20	9443	8054	1389	20927	18396	2531	30.0	25.6	68.0	59.8
Apr-20	9185	7890	1295	20083	17441	2642	29.1	25.0	65.2	56.6
May-20	9359	8020	1339	20490	17842	2648	29.7	25.4	66.4	57.8
Jun-20	9661	8160	1501	20934	18315	2619	30.6	25.8	67.7	59.2
Jul-20	9769	8237	1532	20742	17956	2786	30.9	26.0	66.9	58.0
Aug-20	9795	8342	1452	21082	18567	2514	30.9	26.3	67.9	59.8
Sep-20	9739	8322	1417	21294	18774	2520	30.7	26.2	68.5	60.4
Oct-20	9759	8302	1457	21364	18745	2619	30.7	26.1	68.6	60.2
Nov-20	9744	8347	1397	21520	18839	2681	30.6	26.2	68.9	60.4
Dec-20	9828	8447	1381	21180	18585	2595	30.8	26.5	67.7	59.4
Jan-21	10001	8555	1446	21471	18941	2530	31.3	26.8	68.6	60.5
Feb-21	10207	8642	1564	21578	18935	2643	31.9	27.0	68.8	60.4
Mar-21	10241	8618	1622	22193	19662	2531	32.0	26.9	70.7	62.6
Apr-21	10451	8823	1628	22146	19379	2767	32.6	27.5	70.5	61.6
May-21	10283	8722	1561	22152	19489	2663	32.0	27.2	70.4	61.9
Jun-21	10347	8890	1457	21928	19861	2067	32.2	27.7	69.6	63.0
Jul-21	10805	9276	1530	21808	19586	2222	33.6	28.8	69.1	62.1
Aug-21	10661	9069	1592	22226	19919	2307	33.1	28.1	70.4	63.1
Sep-21	10815	9242	1573	22436	20220	2216	33.5	28.6	70.9	63.9
Oct-21	10877	9356	1522	22360	20173	2187	33.6	28.9	70.6	63.7
Nov-21	11001	9419	1582	22475	20306	2170	34.0	29.1	70.9	64.0
Dec-21	11084	9536	1548	22656	20437	2220	34.2	29.4	71.4	64.4
Jan-22	11104	9582	1522	22554	20303	2252	34.2	29.5	71.0	63.9
Feb-22	11089	9594	1494	22500	20400	2100	34.1	29.5	70.7	64.1
Mar-22	10913	9393	1520	22797	20610	2187	33.5	28.9	71.5	64.7
Apr-22	11357	9750	1608	22876	20733	2142	34.9	29.9	71.7	65.0
May-22	11484	9914	1570	23029	20913	2116	35.2	30.4	72.1	65.5
Jun-22	11487	9911	1576	22851	20863	1988	35.2	30.4	71.4	65.2
Jul-22	11425	9935	1490	22688	20724	1964	34.9	30.4	70.8	64.7
Aug-22	11466	10020	1446	22910	20998	1912	35.0	30.6	71.5	65.5
Sep-22	11506	10033	1474	22941	20938	2003	35.1	30.6	71.5	65.2
Oct-22	11660	10114	1546	23074	21086	1987	35.5	30.8	71.8	65.6

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 = [persons in unemployment/labor force]x100

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 =

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

4) Composite measure of labor underutilization =

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

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>