



## PERSONS IN PAID EMPLOYMENT, BY SEX AND BY COUNTIES, SECOND QUARTER OF 2023

Data on persons in employment in legal entities, by counties, were obtained by processing data from the JOPPD form. The processing was performed according to the predominant NKD 2007 activity and place of permanent/temporary residence. Therefore, the data by activities are not comparable with the monthly data published so far.

In June 2023, the largest number of persons in employment was in the City of Zagreb, 360 561, which accounted for 21.8% of the total number of persons in employment in the Republic of Croatia. The lowest number of persons in employment was in the County of Lika-Senj, 17 915, which accounted for 1.1% of the total number of persons in employment in the Republic of Croatia. The largest number of employed women was in the City of Zagreb, 179 283, which accounted for 23.0%, and the lowest one in the County of Lika-Senj, 8 070, which accounted for 1.0% of the total number of employed women in the Republic of Croatia.

In June 2023 compared to June 2022, the number of persons in employment in legal entities increased in 16 counties, with the largest increase being recorded in the County of Slavonski Brod-Posavina, of 3.4%. The number of employed women in legal entities increased in 20 counties, with the largest increase being recorded in the County of Vukovar-Sirmium, of 5.3%.

For the period from April to June 2023, compared to the same period of the previous year, the number of persons in employment in legal entities increased in 16 counties, with the largest increase being recorded in the County of Slavonski Brod-Posavina, of 3.2%. Four counties recorded a decrease in the number of persons in employment, with the largest decrease, of 0.3%, being recorded in the counties of Sisak-Moslavina, Virovitica-Podravina and Međimurje. The number of persons in employment in legal entities in the County of Bjelovar-Bilogora remained unchanged.

The number of employed women in legal entities increased in all counties, ranging from 0.1% in the County of Varaždin and the City of Zagreb to 6.0% in the County of Vukovar-Sirmium.

The highest registered unemployment rate in June 2023 was recorded in the County of Virovitica-Podravina, of 13.3%, which was 7.7 percentage points higher than the registered unemployment rate in the Republic of Croatia. The lowest one was recorded in the County of Istria, of 2.2%, which was 3.4 percentage points lower than the registered unemployment rate in the Republic of Croatia. The highest registered unemployment rate for women was recorded in the County of Virovitica-Podravina, of 16.9%, which was 10.1 percentage points higher than the registered unemployment rate for women in the Republic of Croatia. The lowest one was recorded in the County of Istria, of 2.3%, which was 4.5 percentage points lower than the registered unemployment rate for women in the Republic of Croatia.

Detailed data can be downloaded from the link [Statistics in Line](#).

# 1 LABOUR FORCE ACCORDING TO ADMINISTRATIVE SOURCES, BY COUNTIES AND BY SEX, 2023

County	Active population (labour force) <sup>1)</sup>			Total persons in employment <sup>1)2)</sup>			Unemployed persons			Registered unemployment rate, % <sup>1)</sup>		
	IV	V	VI	IV	V	VI	IV	V	VI	IV	V	VI
Republic of Croatia	1 713 804	1 733 187	1 756 389	1 608 454	1 635 429	1 657 680	105 350	97 758	98 709	6,1	5,6	5,6
Women	811 184	820 763	834 728	752 781	766 501	777 926	58 403	54 262	56 802	7,2	6,6	6,8
Zagreb	139 923	140 810	141 067	135 150	136 142	136 211	4 773	4 668	4 856	3,4	3,3	3,4
Women	64 615	64 833	65 072	62 091	62 356	62 398	2 524	2 477	2 674	3,9	3,8	4,1
Krapina-Zagorje	54 125	54 128	54 399	52 315	52 406	52 540	1 810	1 722	1 859	3,3	3,2	3,4
Women	24 394	24 373	24 575	23 404	23 455	23 540	990	918	1 035	4,1	3,8	4,2
Sisak-Moslavina	57 806	58 395	58 760	51 819	52 669	53 016	5 987	5 726	5 744	10,4	9,8	9,8
Women	26 256	26 833	27 123	22 971	23 689	23 882	3 285	3 144	3 241	12,5	11,7	11,9
Karlovac	46 299	46 356	46 512	44 119	44 320	44 406	2 180	2 036	2 106	4,7	4,4	4,5
Women	21 384	21 426	21 652	20 131	20 256	20 395	1 253	1 170	1 257	5,9	5,5	5,8
Varaždin	72 906	72 846	72 964	70 806	70 815	70 808	2 100	2 031	2 156	2,9	2,8	3,0
Women	33 580	33 560	33 668	32 542	32 542	32 532	1 038	1 018	1 136	3,1	3,0	3,4
Koprivnica-Križevci	41 031	41 237	41 280	39 282	39 558	39 686	1 749	1 679	1 594	4,3	4,1	3,9
Women	18 490	18 666	18 718	17 561	17 764	17 829	929	902	889	5,0	4,8	4,7
Bjelovar-Bilogora	39 616	39 720	39 877	36 494	36 824	36 859	3 122	2 896	3 018	7,9	7,3	7,6
Women	18 174	18 287	18 525	16 482	16 724	16 812	1 692	1 563	1 713	9,3	8,5	9,2
Primorje-Gorski kotar	122 033	124 163	126 872	115 905	118 463	121 186	6 128	5 700	5 686	5,0	4,6	4,5
Women	58 669	59 690	61 157	55 228	56 469	57 889	3 441	3 221	3 268	5,9	5,4	5,3
Lika-Senj	17 667	18 013	18 935	16 476	16 937	17 915	1 191	1 076	1 020	6,7	6,0	5,4
Women	8 058	8 218	8 589	7 415	7 666	8 070	643	552	519	8,0	6,7	6,0
Virovitica-Podravina	27 834	27 926	27 865	24 120	24 281	24 152	3 714	3 645	3 713	13,3	13,1	13,3
Women	12 864	12 924	12 919	10 765	10 812	10 739	2 099	2 112	2 180	16,3	16,3	16,9
Požega-Slavonia	24 480	24 470	24 633	22 366	22 497	22 563	2 114	1 973	2 070	8,6	8,1	8,4
Women	11 216	11 233	11 399	9 954	10 027	10 064	1 262	1 206	1 335	11,3	10,7	11,7
Slavonski Brod-Posavina	51 077	51 142	51 852	45 851	46 133	46 542	5 226	5 009	5 310	10,2	9,8	10,2
Women	22 220	22 239	22 646	18 904	19 058	19 202	3 316	3 181	3 444	14,9	14,3	15,2
Zadar	66 028	67 742	70 016	62 828	64 893	67 097	3 200	2 849	2 919	4,8	4,2	4,2
Women	31 362	32 185	33 453	29 571	30 613	31 741	1 791	1 572	1 712	5,7	4,9	5,1
Osijek-Baranja	111 082	111 165	111 689	97 674	98 352	98 805	13 408	12 813	12 884	12,1	11,5	11,5
Women	52 574	52 597	53 061	44 519	44 880	45 129	8 055	7 717	7 932	15,3	14,7	14,9
Šibenik-Knin	38 472	39 202	40 490	34 956	36 149	37 644	3 516	3 053	2 846	9,1	7,8	7,0
Women	18 312	18 682	19 426	16 588	17 196	17 956	1 724	1 486	1 470	9,4	8,0	7,6
Vukovar-Sirmium	54 162	54 148	54 802	48 991	49 354	49 757	5 171	4 794	5 045	9,5	8,9	9,2
Women	24 835	24 868	25 325	21 693	21 917	22 065	3 142	2 951	3 260	12,7	11,9	12,9
Split-Dalmatia	184 286	187 627	193 485	165 491	171 057	177 281	18 795	16 570	16 204	10,2	8,8	8,4
Women	89 512	91 245	94 506	79 332	82 280	85 327	10 180	8 965	9 179	11,4	9,8	9,7
Istria	96 919	101 738	105 727	94 311	99 494	103 432	2 608	2 244	2 295	2,7	2,2	2,2
Women	45 069	47 347	49 491	43 764	46 260	48 342	1 305	1 087	1 149	2,9	2,3	2,3
Dubrovnik-Neretva	52 614	55 005	56 441	48 371	51 491	53 418	4 243	3 514	3 023	8,1	6,4	5,4
Women	24 809	25 855	26 636	22 426	23 891	24 851	2 383	1 964	1 785	9,6	7,6	6,7
Međimurje	45 013	44 973	45 268	42 948	43 019	43 155	2 065	1 954	2 113	4,6	4,3	4,7
Women	20 673	20 716	20 909	19 562	19 668	19 722	1 111	1 048	1 187	5,4	5,1	5,7
City of Zagreb	369 820	371 756	372 809	357 570	359 950	360 561	12 250	11 806	12 248	3,3	3,2	3,3
Women	183 967	184 826	185 720	177 727	178 818	179 283	6 240	6 008	6 437	3,4	3,3	3,5

1) Provisional data.

2) Data on foreign workers are not presented. See Notes on Methodology.

## 2 PERSONS IN PAID EMPLOYMENT IN LEGAL ENTITIES, BY COUNTIES AND BY SEX, 2023

County	Persons in paid employment in legal entities <sup>1)2)</sup>				Indices <sup>1)</sup>			
	IV	V	VI	IV – VI	IV 2023 IV 2022	V 2023 V 2022	VI 2023 VI 2022	IV – VI 2023 IV – VI 2022
Republic of Croatia	1 391 345	1 409 254	1 421 296	1 407 298	100,8	101,1	100,8	100,9
Women	662 639	672 104	678 571	671 105	101,3	101,6	101,3	101,4
Zagreb	121 916	122 850	122 866	122 544	101,3	101,6	101,1	101,3
Women	56 568	56 817	56 866	56 750	101,2	101,2	100,9	101,1
Krapina-Zagorje	45 243	45 308	45 424	45 325	100,0	100,4	100,6	100,3
Women	20 788	20 836	20 916	20 847	101,1	101,7	101,9	101,5
Sisak-Moslavina	45 072	45 860	46 163	45 698	98,5	100,3	100,2	99,7
Women	20 103	20 809	20 984	20 632	98,2	101,9	101,9	100,7
Karlovac	38 378	38 533	38 566	38 492	101,2	101,0	100,8	101,0
Women	17 468	17 564	17 686	17 573	102,3	101,8	102,0	102,0
Varaždin	62 007	61 964	61 936	61 969	100,6	100,4	100,0	100,3
Women	28 993	28 961	28 937	28 964	100,3	100,2	99,8	100,1
Koprivnica-Križevci	33 460	33 750	33 831	33 680	100,3	100,8	100,8	100,6
Women	15 115	15 315	15 356	15 262	100,4	101,2	101,1	100,9
Bjelovar-Bilogora	30 871	31 174	31 210	31 085	100,0	100,2	99,9	100,0
Women	14 153	14 374	14 466	14 331	101,0	101,5	101,7	101,4
Primorje-Gorski kotar	97 921	99 170	100 510	99 200	99,9	100,0	99,8	99,9
Women	47 960	48 618	49 360	48 646	100,5	100,4	100,5	100,4
Lika-Senj	13 543	13 736	14 409	13 896	102,1	101,1	102,5	101,9
Women	6 256	6 378	6 630	6 421	103,7	102,5	102,9	103,0
Virovitica-Podravina	19 042	19 156	18 996	19 065	99,7	100,2	99,3	99,7
Women	8 715	8 749	8 643	8 702	102,3	102,7	101,7	102,3
Požega-Slavonia	18 810	18 925	18 985	18 907	101,1	101,0	100,2	100,7
Women	8 619	8 684	8 708	8 670	105,1	104,7	103,2	104,3
Slavonski Brod-Posavina	38 829	39 119	39 480	39 143	102,9	103,4	103,4	103,2
Women	15 998	16 137	16 261	16 132	104,3	104,9	104,7	104,7
Zadar	51 500	52 634	53 480	52 538	101,5	101,9	101,4	101,6
Women	25 198	25 805	26 273	25 759	101,8	102,0	101,2	101,7
Osijek-Baranja	84 822	85 361	85 721	85 301	100,7	100,9	100,6	100,8
Women	39 067	39 367	39 590	39 341	101,5	101,7	101,5	101,6
Šibenik-Knin	28 654	29 181	29 857	29 231	102,6	101,9	101,5	102,0
Women	14 133	14 436	14 762	14 444	104,8	103,8	103,0	103,8
Vukovar-Sirmium	40 694	41 004	41 406	41 035	102,3	102,3	102,1	102,2
Women	18 400	18 580	18 702	18 561	106,3	106,3	105,3	106,0
Split-Dalmatia	139 190	142 314	145 205	142 236	101,4	101,7	100,9	101,3
Women	68 899	70 659	72 114	70 557	102,1	102,5	101,4	102,0
Istria	75 811	79 116	81 500	78 809	102,6	103,2	102,9	102,9
Women	36 329	37 967	39 302	37 866	102,6	102,7	102,7	102,7
Dubrovnik-Neretva	39 999	42 219	43 406	41 875	102,7	102,5	101,1	102,1
Women	19 372	20 431	21 040	20 281	103,9	103,4	102,3	103,2
Međimurje	38 670	38 751	38 882	38 768	99,6	99,7	99,8	99,7
Women	17 722	17 829	17 883	17 811	100,0	100,3	100,3	100,2
City of Zagreb	326 302	328 504	328 817	327 874	100,0	100,5	100,2	100,2
Women	162 632	163 628	163 934	163 398	99,8	100,3	100,1	100,1
Foreign	611	625	646	627	101,5	105,0	105,0	103,9
Women	151	160	158	156	160,6	170,2	159,6	163,4

1) Provisional data.

2) Activity sections T (Activities of households as employers; undifferentiated goods – and services – producing activities of households for own use) and U (Activities of extraterritorial organisations and bodies) as well as their divisions are not presented in this First Release since they were not covered by the survey.

## NOTES ON METHODOLOGY

### Data sources

The total number of persons in employment includes persons employed in legal entities, in trades and crafts and free lances, as well as insured persons – private farmers.

Data on persons in employment in legal entities were gathered by processing data from the Report on Income, Income Tax and Surtax as well as Contributions for Mandatory Insurances (JOPPD form), which has been in effect since 1 January 2014.

All persons or entities that are the payers of income for which the income tax regulations prescribe the obligation of accounting and paying deduction tax are under the obligation to submit the JOPPD form.

Data on persons in employment in crafts and trades and free lances are processed according to the records on pension insurance beneficiaries obtained from the Croatian Institute for Pension Insurance.

The Croatian Institute for Pension Insurance provides data on employed insured persons – private farmers.

Data on the number of unemployed persons are obtained from the Croatian Employment Service.

#### **Coverage and comparability**

The survey on persons in paid employment in legal entities includes all persons who have signed a work contract, regardless of the type of work contract and whether they work full-time or less than full-time.

Foreign workers are persons employed in legal entities on the territory of the Republic of Croatia who do not have permanent/temporary residence in the Republic of Croatia.

The survey on persons in crafts and trades and free lances includes owners and employees registered with the Croatian Institute for Pension Insurance.

Data are presented according to the predominant, main activity of the NKD 2007., while the monthly data published so far were presented according to the "pure" activity. This means that the processing, in addition to the main activity, was also performed according to secondary activities. Therefore, the data by activities are not comparable with the monthly data published so far.

Data on counties are presented according to the place of permanent/temporary residence by the territorial constitution in accordance with the Act on the Territories of Counties, Towns and Municipalities in the Republic of Croatia (NN, Nos 86/06, 125/06, 16/07, 95/08, 46/10, 145/10, 37/13, 44/13, 45/13 and 110/15).

#### **Definitions**

**Persons in paid employment** are all persons who have signed a work contract with an employer for a fixed or an unspecified period of time, irrespective of the type of ownership and of whether they work full-time or less than full-time.

**Registered unemployment rate** is calculated as a ratio of the number of unemployed persons to the total active population (labour force).

#### **Abbreviations**

NKD 2007      National Classification of Activities, 2007 version  
NN              Narodne novine, official gazette of the Republic of Croatia

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