



PERSONS IN PAID EMPLOYMENT, BY SEX AND BY COUNTIES, FIRST 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 March 2023, the highest number of persons in employment was in the City of Zagreb, 357 482, which accounted for 22.4% 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, 16 118, which accounted for 1.0% of the total number of persons in employment in the Republic of Croatia. The highest number of employed women was in the City of Zagreb, 177 810, which accounted for 23.8%, and the lowest in the County of Lika-Senj, 7 238, which accounted for 1.0% of the total number of employed women in the Republic of Croatia.

In March 2023 compared to March 2022, the number of persons in employment in legal entities increased in 19 counties, with the largest increase of 3.6% being recorded in the County of Istria. The number of employed women in legal entities increased in 21 counties, with the largest increase of 6.5% being recorded in the County of Vukovar-Sirmium.

For the period from January to March 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 of 3.6% being recorded in the County of Istria. Four counties had a decrease in the number of persons in employment, with the largest decrease of 1.3% being recorded in the County of Virovitica-Podravina. The number of persons in employment in legal entities in the City of Zagreb remained unchanged.

The number of employed women in legal entities increased in 18 counties, ranging from 0.1% in the County of Primorje-Gorski kotar to 4.6% in the County of Požega-Slavonia. A decrease in the number of employed women was recorded in three counties, ranging from 0.1% in the County of Virovitica-Podravina to 0.9% in the County of Sisak-Moslavina.

The highest registered unemployment rate in March 2023 was recorded in the County of Virovitica-Podravina, of 13.5%, which was 7.0 percentage points higher than the registered unemployment rate in the Republic of Croatia. The lowest one was recorded in the County of Varaždin, of 2.9%, which was 3.6 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 16.4%, which was 8.7 percentage points higher than the registered unemployment rate for women in the Republic of Croatia. The lowest one was recorded in the County of Varaždin, of 3.2%, 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) ¹⁾			Total persons in employment ¹⁾²⁾			Unemployed persons			Registered unemployment rate, % ¹⁾		
	I	II	III	I	II	III	I	II	III	I	II	III
Republic of Croatia	1 708 807	1 705 251	1 709 778	1 586 438	1 587 266	1 597 798	122 369	117 985	111 980	7,2	6,9	6,5
Women	809 678	807 509	809 694	741 220	742 506	747 738	68 458	65 003	61 956	8,5	8,0	7,7
Zagreb	138 795	139 534	140 132	133 701	134 566	135 303	5 094	4 968	4 829	3,7	3,6	3,4
Women	64 041	64 339	64 627	61 401	61 791	62 126	2 640	2 548	2 501	4,1	4,0	3,9
Krapina-Zagorje	53 753	53 929	54 042	51 745	51 955	52 178	2 008	1 974	1 864	3,7	3,7	3,4
Women	24 198	24 272	24 322	23 113	23 213	23 310	1 085	1 059	1 012	4,5	4,4	4,2
Sisak-Moslavina	58 469	58 117	58 600	51 675	51 674	52 212	6 794	6 443	6 388	11,6	11,1	10,9
Women	26 801	26 544	26 922	22 924	22 990	23 398	3 877	3 554	3 524	14,5	13,4	13,1
Karlovac	46 327	46 078	46 126	43 699	43 573	43 800	2 628	2 505	2 326	5,7	5,4	5,0
Women	21 362	21 301	21 312	19 802	19 861	19 972	1 560	1 440	1 340	7,3	6,8	6,3
Varaždin	72 713	72 812	72 920	70 461	70 613	70 782	2 252	2 199	2 138	3,1	3,0	2,9
Women	33 514	33 481	33 539	32 369	32 392	32 482	1 145	1 089	1 057	3,4	3,3	3,2
Koprivnica-Križevci	41 152	40 924	41 278	39 133	39 079	39 486	2 019	1 845	1 792	4,9	4,5	4,3
Women	18 662	18 439	18 710	17 545	17 463	17 753	1 117	976	957	6,0	5,3	5,1
Bjelovar-Bilogora	39 933	39 585	39 678	36 373	36 189	36 524	3 560	3 396	3 154	8,9	8,6	7,9
Women	18 366	18 256	18 259	16 411	16 434	16 560	1 955	1 822	1 699	10,6	10,0	9,3
Primorje-Gorski kotar	120 849	121 057	120 965	113 851	114 107	114 437	6 998	6 950	6 528	5,8	5,7	5,4
Women	57 977	58 177	58 102	54 018	54 274	54 420	3 959	3 903	3 682	6,8	6,7	6,3
Lika-Senj	17 653	17 411	17 460	16 066	15 965	16 118	1 587	1 446	1 342	9,0	8,3	7,7
Women	8 071	7 919	7 968	7 148	7 116	7 238	923	803	730	11,4	10,1	9,2
Virovitica-Podravina	27 960	27 856	27 515	23 804	23 722	23 793	4 156	4 134	3 722	14,9	14,8	13,5
Women	12 829	12 832	12 581	10 467	10 512	10 520	2 362	2 320	2 061	18,4	18,1	16,4
Požega-Slavonia	24 503	24 509	24 525	22 142	22 210	22 299	2 361	2 299	2 226	9,6	9,4	9,1
Women	11 155	11 177	11 233	9 806	9 868	9 930	1 349	1 309	1 303	12,1	11,7	11,6
Slavonski Brod-Posavina	51 056	50 721	51 129	45 213	45 228	45 783	5 843	5 493	5 346	11,4	10,8	10,5
Women	22 208	21 879	22 165	18 468	18 448	18 830	3 740	3 431	3 335	16,8	15,7	15,0
Zadar	65 215	65 258	65 404	61 101	61 343	61 804	4 114	3 915	3 600	6,3	6,0	5,5
Women	31 198	31 143	31 123	28 844	28 920	29 074	2 354	2 223	2 049	7,5	7,1	6,6
Osijek-Baranja	111 039	110 368	111 047	96 230	96 203	97 196	14 809	14 165	13 851	13,3	12,8	12,5
Women	52 597	52 058	52 714	43 589	43 643	44 400	9 008	8 415	8 314	17,1	16,2	15,8
Šibenik-Knin	38 204	38 235	38 476	33 964	34 138	34 543	4 240	4 097	3 933	11,1	10,7	10,2
Women	18 176	18 274	18 368	15 999	16 199	16 374	2 177	2 075	1 994	12,0	11,4	10,9
Vukovar-Sirmium	54 310	53 741	54 063	48 323	48 254	48 679	5 987	5 487	5 384	11,0	10,2	10,0
Women	24 772	24 384	24 705	21 044	21 115	21 508	3 728	3 269	3 197	15,0	13,4	12,9
Split-Dalmatia	185 751	184 750	183 980	162 648	162 537	163 431	23 103	22 213	20 549	12,4	12,0	11,2
Women	90 442	90 077	89 533	77 992	78 074	78 359	12 450	12 003	11 174	13,8	13,3	12,5
Istria	95 951	94 948	95 175	92 101	91 194	91 945	3 850	3 754	3 230	4,0	4,0	3,4
Women	44 761	44 132	44 117	42 687	42 135	42 460	2 074	1 997	1 657	4,6	4,5	3,8
Dubrovnik-Neretva	52 815	52 032	51 437	47 014	46 247	46 280	5 801	5 785	5 157	11,0	11,1	10,0
Women	24 986	24 618	24 215	21 814	21 463	21 343	3 172	3 155	2 872	12,7	12,8	11,9
Međimurje	44 998	45 173	45 241	42 867	43 081	43 138	2 131	2 092	2 103	4,7	4,6	4,6
Women	20 717	20 775	20 845	19 580	19 671	19 723	1 137	1 104	1 122	5,5	5,3	5,4
City of Zagreb	366 862	367 694	370 000	353 828	354 869	357 482	13 034	12 825	12 518	3,6	3,5	3,4
Women	182 736	183 303	184 186	176 090	176 795	177 810	6 646	6 508	6 376	3,6	3,6	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 ¹⁾²⁾				Indices ¹⁾			
	I	II	III	I – III	I 2023 I 2022	II 2023 II 2022	III 2023 III 2022	I – III 2023 I – III 2022
Republic of Croatia	1 378 064	1 378 206	1 386 640	1 380 970	100,4	100,9	101,1	100,8
Women	655 012	655 979	660 416	657 136	100,5	101,1	101,6	101,1
Zagreb	120 607	121 392	122 064	121 354	100,8	101,6	101,8	101,4
Women	55 944	56 279	56 594	56 272	100,5	101,3	101,7	101,2
Krapina-Zagorje	44 692	44 914	45 110	44 905	99,2	100,0	100,2	99,8
Women	20 490	20 599	20 688	20 592	100,3	101,0	101,1	100,8
Sisak-Moslavina	45 008	45 000	45 522	45 177	98,6	99,0	99,8	99,2
Women	20 078	20 134	20 554	20 255	98,0	98,6	100,6	99,1
Karlovac	38 059	37 924	38 121	38 035	100,1	100,4	100,8	100,5
Women	17 215	17 268	17 352	17 278	100,4	101,6	101,8	101,3
Varaždin	61 644	61 816	61 996	61 819	100,8	101,1	100,9	100,9
Women	28 828	28 854	28 955	28 879	100,2	100,6	100,5	100,4
Koprivnica-Križevci	33 374	33 322	33 705	33 467	100,9	101,2	101,8	101,3
Women	15 121	15 047	15 324	15 164	100,7	100,8	102,4	101,3
Bjelovar-Bilogora	30 733	30 555	30 886	30 725	99,2	99,6	100,4	99,7
Women	14 070	14 098	14 237	14 135	99,3	100,3	101,6	100,4
Primorje-Gorski kotar	97 232	97 396	97 462	97 363	99,8	100,3	100,2	100,1
Women	47 328	47 562	47 605	47 498	99,5	100,5	100,5	100,1
Lika-Senj	13 331	13 223	13 323	13 292	101,2	101,3	101,8	101,4
Women	6 088	6 052	6 149	6 096	100,8	101,2	103,0	101,7
Virovitica-Podravina	18 800	18 744	18 735	18 760	98,3	99,2	98,8	98,7
Women	8 472	8 523	8 492	8 496	98,5	100,7	100,4	99,9
Požega-Slavonia	18 645	18 716	18 770	18 710	100,2	101,4	101,1	100,9
Women	8 493	8 552	8 606	8 550	103,7	104,9	105,2	104,6
Slavonski Brod-Posavina	38 256	38 276	38 782	38 438	102,3	102,5	103,4	102,7
Women	15 610	15 596	15 951	15 719	102,0	102,1	104,2	102,7
Zadar	50 594	50 717	51 044	50 785	100,6	101,3	101,7	101,2
Women	24 803	24 831	24 950	24 861	101,5	102,1	102,1	101,9
Osijek-Baranja	83 550	83 473	84 426	83 816	99,5	100,1	100,9	100,2
Women	38 261	38 262	38 993	38 505	99,6	100,2	101,7	100,5
Šibenik-Knin	28 154	28 342	28 636	28 377	100,6	102,2	103,5	102,1
Women	13 751	13 965	14 098	13 938	101,3	103,8	105,4	103,5
Vukovar-Sirmium	40 194	40 082	40 473	40 250	100,8	101,5	102,7	101,6
Women	17 829	17 882	18 262	17 991	102,6	103,9	106,5	104,3
Split-Dalmatia	138 060	137 854	138 309	138 074	101,0	101,4	101,3	101,3
Women	68 274	68 324	68 460	68 353	101,3	101,8	102,0	101,7
Istria	75 530	74 512	74 880	74 974	103,8	103,5	103,6	103,6
Women	36 202	35 607	35 755	35 855	103,4	102,9	103,2	103,2
Dubrovnik-Neretva	39 626	38 754	38 580	38 987	102,7	102,5	102,0	102,4
Women	19 185	18 804	18 599	18 863	103,8	103,8	102,6	103,4
Međimurje	38 593	38 813	38 881	38 762	100,7	101,2	100,9	100,9
Women	17 738	17 828	17 903	17 823	101,4	101,9	101,8	101,7
City of Zagreb	322 883	323 862	326 350	324 365	99,6	100,1	100,3	100,0
Women	161 123	161 783	162 741	161 882	99,3	99,8	100,2	99,8
Foreign	499	519	585	534	80,0	86,2	95,4	87,2
Women	109	129	148	129	109,0	131,6	157,4	132,2

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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