

First Release

Year: LIX.

Zagreb, 19 August 2022

RAD-2022-1-1/6

ISSN 1334-0557



AVERAGE MONTHLY NET AND GROSS EARNINGS OF PERSONS IN PAID EMPLOYMENT FOR JUNE 2022

For June 2022, the average monthly paid off net earnings per person in paid employment in legal entities in the Republic of Croatia amounted to 7 711 kuna, which represented a nominal increase of 0.3% and a real decrease of 0.8%, as compared to May 2022.

For June 2022, the average monthly gross earnings per person in paid employment in legal entities in the Republic of Croatia amounted to 10 492 kuna, which represented a nominal increase of 0.5% and a real decrease of 0.6%, as compared to May 2022.

The highest average monthly paid off net earnings per person in paid employment in legal entities for June 2022 were paid off in the Financial service activities, except insurance and pension funding and amounted to 12 814 kuna, while the lowest earnings were paid off in the Manufacture of wearing apparel activities and amounted to 4 923 kuna.

The highest average monthly gross earnings per person in paid employment in legal entities for June 2022 were paid off in the Financial service activities, except insurance and pension funding and amounted to 18 763 kuna, while the lowest earnings were paid off in the Manufacture of wearing apparel activities and amounted to 6 320 kuna.

The average monthly paid off net earnings per person in paid employment in legal entities in the Republic of Croatia for June 2022 were nominally by 7.5% higher and really by 4.1% lower, as compared to the same month last year.

The average monthly gross earnings per person in paid employment in legal entities in the Republic of Croatia for June 2022 were nominally higher by 8.5% and really lower by 3.2%, as compared to the same month last year.

In the period from January to June 2022, the average monthly paid off net earnings per person in paid employment in legal entities in the Republic of Croatia amounted to 7 568 kuna, which represented a nominal increase and of 6.8% and a real decrease of 1.7%, as compared to the same period of 2021.

In the period from January to June 2022, the average monthly gross earnings per person in paid employment in legal entities in the Republic of Croatia amounted to 10 271 kuna, which represented a nominal increase of 7.7% and real decrease of 0.8%, as compared to the same period of 2021.

In June 2022, there were 175 paid hours on average, which means that it remained at the same level as in May 2022. The greatest number of paid hours was recorded in the Manufacture of leather and related products (183) and the smallest one in Social work activities without accommodation (158).

The average monthly paid off net earnings per hour for June 2022 amounted to 43.24 kuna, which was 0.5% higher than in May 2022. As compared to the same month last year, they increased by 7.3%.

The average monthly gross earnings per hour for June 2022 amounted to 58.83 kuna, which was 0.7% higher than in May 2022. As compared to the same month last year, they increased by 8.3%.

Median net earnings for June 2022 amounted to 6 510 kuna, while median gross earnings amounted to 8 562 kuna.

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

1 AVERAGE MONTHLY NET AND GROSS EARNINGS FOR JUNE 2022

	VI 2022	I – VI 2022	Indices		
			$\frac{VI\ 2022}{V\ 2022}$	$\frac{VI\ 2022}{VI\ 2021}$	$\frac{I - VI\ 2022}{I - VI\ 2021}$
Net earnings					
Average monthly paid off net earnings per employee, kuna	7 711	7 568	100,3	107,5	106,8
Real net earnings per employee			99,2	95,9	98,3
Gross earnings					
Average monthly gross earnings per employee, kuna	10 492	10 271	100,5	108,5	107,7
Real gross earnings per employee			99,4	96,8	99,2
Net earnings per hour					
Average paid off net earnings per hour, kuna	43,24	43,34	100,5	107,3	106,5
Real net earnings per hour			99,4	95,7	98,1
Gross earnings per hour					
Average monthly gross earnings per hour, kuna	58,83	58,82	100,7	108,3	107,5
Real gross earnings per hour			99,6	96,6	99,0

2 DISTRIBUTION OF NET AND GROSS EARNINGS, BY QUARTILES, FOR JUNE 2022

	VI 2022	
	Net earnings, kuna	Gross earnings, kuna
First (lower) quartile	4 982	6 282
Second quartile (median)	6 510	8 562
Third (upper) quartile	8 803	11 858
Fourth quartile	z	z

3 DISTRIBUTION OF NET AND GROSS EARNINGS, BY DECILES, FOR JUNE 2022

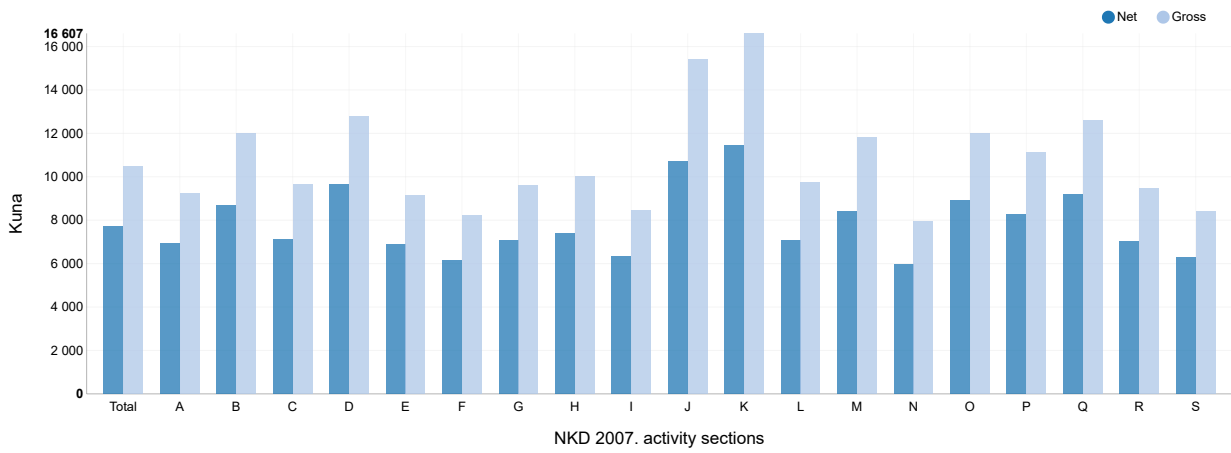
	VI 2022	
	Net earnings, kuna	Gross earnings, kuna
First decile	4 200	5 200
Second decile	4 748	6 059
Third decile	5 216	6 650
Fourth decile	5 852	7 552
Fifth decile (median)	6 510	8 562
Sixth decile	7 324	9 784
Seventh decile	8 256	11 108
Eighth decile	9 467	12 850
Ninth decile	11 838	16 572
Tenth decile	z	z

4 PAID OFF NON-TAXABLE INCOMES, ACCORDING TO NKD 2007.¹⁾, JUNE 2022

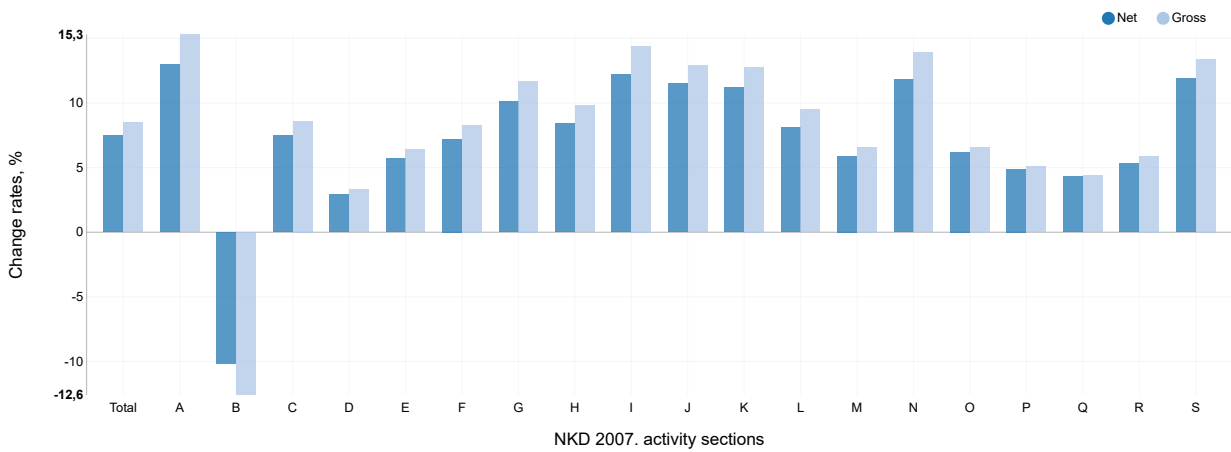
	VI 2022	
	Average non-taxable income by number of receivers, kuna	Average non-taxable income by number of persons in employment who received earnings, kuna
Total	799	9
A Agriculture, forestry and fishing	622	7
B Mining and quarrying	1 423	42
C Manufacturing	656	7
D Electricity, gas, steam and air conditioning supply	523	4
E Water supply; sewerage, waste management and remediation activities	816	18
F Construction	727	8
G Wholesale and retail trade; repair of motor vehicles and motorcycles	762	5
H Transportation and storage	1 534	7
I Accommodation and food service activities	566	7
J Information and communication	575	2
K Financial and insurance activities	348	1
L Real estate activities	611	4
M Professional, scientific and technical activities	461	6
N Administrative and support service activities	600	27
O Public administration and defence; compulsory social security	658	4
P Education	842	1
Q Human health and social work activities	1 261	37
R Arts, entertainment and recreation	668	2
S Other service activities	613	5

1) 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.

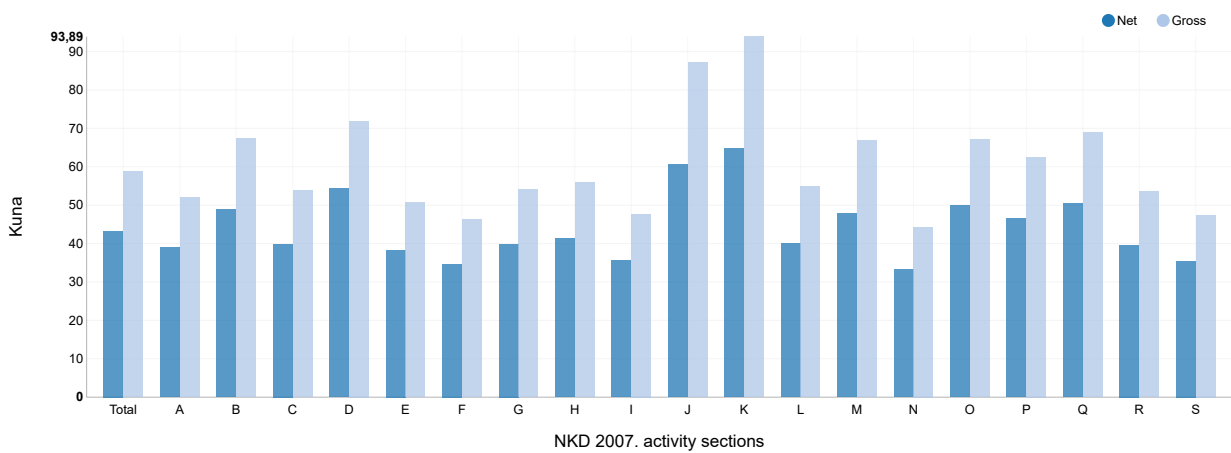
G-1 AVERAGE MONTHLY NET AND GROSS EARNINGS FOR JUNE 2022, ACCORDING TO NKD 2007.



G-2 ANNUAL CHANGE RATES OF AVERAGE NET AND GROSS EARNINGS FOR JUNE 2022, ACCORDING TO NKD 2007.



G-3 AVERAGE MONTHLY NET AND GROSS EARNINGS PER PAID HOUR FOR JUNE 2022, ACCORDING TO NKD 2007.



NKD 2007. activity sections

- A Agriculture, forestry and fishing
- B Mining and quarrying
- C Manufacturing
- D Electricity, gas, steam and air conditioning supply
- E Water supply; sewerage, waste management and remediation activities
- F Construction
- G Wholesale and retail trade; repair of motor vehicles and motorcycles
- H Transportation and storage
- I Accommodation and food service activities
- J Information and communication
- K Financial and insurance activities
- L Real estate activities
- M Professional, scientific and technical activities
- N Administrative and support service activities
- O Public administration and defence; compulsory social security
- P Education
- Q Human health and social work activities
- R Arts, entertainment and recreation
- S Other service activities

5 AVERAGE MONTHLY PAID OFF NET EARNINGS OF PERSONS IN EMPLOYMENT IN 2022¹⁾, ACCORDING TO NKD 2007.

		Average paid off net earnings per person in employment, kuna				Indices of change in average monthly paid off net earnings according to payoffs for month					
		For month				Nominal			Real		
		IV	V	VI	I – VI	$\frac{VI\ 2022}{V\ 2022}$	$\frac{VI\ 2022}{VI\ 2021}$	$\frac{I-VI\ 2022}{I-VI\ 2021}$	$\frac{VI\ 2022}{V\ 2022}$	$\frac{VI\ 2022}{VI\ 2021}$	$\frac{I-VI\ 2022}{I-VI\ 2021}$
O	Public administration and defence; compulsory social security	8 661	8 969	8 912	8 700	99,4	106,2	104,0	98,3	94,7	95,8
84	Public administration and defence; compulsory social security	8 661	8 969	8 912	8 700	99,4	106,2	104,0	98,3	94,7	95,8
84.1	Administration of the State and the economic and social policy of the community	8 780	9 014	8 979	8 796	99,6	110,0	107,1	98,5	98,1	98,6
84.2	Provision of services to the community as a whole	8 742	9 105	9 022	8 789	99,1	103,7	102,1	98,0	92,5	94,0
84.3	Compulsory social security activities	7 207	7 513	7 554	7 314	100,5	104,8	101,4	99,4	93,5	93,4
P	Education	7 874	8 221	8 264	8 029	100,5	104,9	103,0	99,4	93,6	94,8
85	Education	7 874	8 221	8 264	8 029	100,5	104,9	103,0	99,4	93,6	94,8
85.1	Pre-primary education	6 334	6 395	6 415	6 346	100,3	103,1	102,4	99,2	92,0	94,3
85.2	Primary education	7 673	8 167	8 166	7 875	100,0	105,7	103,4	98,9	94,3	95,2
85.3	Secondary education	7 861	8 252	8 165	8 006	98,9	105,2	103,0	97,8	93,8	94,8
85.4	Higher education	10 891	11 254	11 614	11 068	103,2	105,4	102,9	102,1	94,0	94,8
85.5	Other education	5 920	6 001	6 032	5 945	100,5	106,8	105,3	99,4	95,3	97,0
85.6	Educational support activities	7 624	7 934	8 319	7 746	104,9	100,8	98,5	103,8	89,9	90,7
Q	Human health and social work activities	9 067	9 898	9 205	9 146	93,0	104,3	103,4	92,0	93,0	95,2
86	Human health activities	9 762	10 743	9 882	9 852	92,0	103,2	102,6	91,0	92,1	94,5
86.1	Hospital activities	10 227	11 635	10 332	10 363	88,8	103,1	102,8	87,8	92,0	94,7
86.2	Medical and dental practice activities	8 773	8 972	8 960	8 825	99,9	103,1	102,7	98,8	92,0	94,6
86.9	Other human health activities	9 076	9 098	9 136	8 932	100,4	104,1	102,0	99,3	92,9	93,9
87	Residential care activities	6 384	6 603	6 578	6 403	99,6	105,7	103,4	98,5	94,3	95,2
87.1	Residential nursing care activities	6 017	6 154	6 129	5 982	99,6	104,7	103,0	98,5	93,4	94,8
87.2	Residential care activities for mental retardation, mental health and substance abuse	6 933	7 183	7 175	6 971	99,9	105,8	103,0	98,8	94,4	94,8
87.3	Residential care activities for the elderly and disabled	5 984	6 165	6 134	5 988	99,5	105,7	103,9	98,4	94,3	95,7
87.9	Other residential care activities	7 481	7 856	7 822	7 571	99,6	106,5	103,3	98,5	95,0	95,1
88	Social work activities without accommodation	6 584	6 838	6 818	6 633	99,7	112,9	108,3	98,6	100,7	99,7
88.1	Social work activities without accommodation for the elderly and disabled	5 438	5 555	5 526	5 518	99,5	103,1	103,2	98,4	92,0	95,0
88.9	Other social work activities without accommodation	6 671	6 937	6 919	6 715	99,7	113,7	108,8	98,6	101,4	100,2

1) On the basis of user requirements, we are publishing a supplement to the regular First Release issued once in three months. Data are presented at the group level (three digits) for NKD 2007. sections O, P and Q.

6 AVERAGE MONTHLY GROSS EARNINGS OF PERSONS IN EMPLOYMENT IN 2022¹⁾, ACCORDING TO NKD 2007.

		Average gross earnings per person in employment, kuna				Indices of change in average monthly gross earnings according to payoffs for month					
		For month				Nominal			Real		
		IV	V	VI	I – VI	$\frac{VI\ 2022}{V\ 2022}$	$\frac{VI\ 2022}{VI\ 2021}$	$\frac{I - VI\ 2022}{I - VI\ 2021}$	$\frac{VI\ 2022}{V\ 2022}$	$\frac{VI\ 2022}{VI\ 2021}$	$\frac{I - VI\ 2022}{I - VI\ 2021}$
O	Public administration and defence; compulsory social security	11 633	12 083	11 997	11 686	99,3	106,6	104,3	98,2	95,1	96,0
84	Public administration and defence; compulsory social security	11 633	12 083	11 997	11 686	99,3	106,6	104,3	98,2	95,1	96,0
84.1	Administration of the State and the economic and social policy of the community	11 961	12 349	12 276	11 994	99,4	110,7	107,4	98,3	98,8	98,9
84.2	Provision of services to the community as a whole	11 619	12 111	11 996	11 669	99,1	103,8	102,4	98,0	92,6	94,3
84.3	Compulsory social security activities	9 673	10 141	10 204	9 839	100,6	105,5	101,6	99,5	94,1	93,6
P	Education	10 564	11 014	11 111	10 775	100,9	105,1	103,0	99,8	93,8	94,8
85	Education	10 564	11 014	11 111	10 775	100,9	105,1	103,0	99,8	93,8	94,8
85.1	Pre-primary education	8 362	8 452	8 493	8 386	100,5	103,4	102,7	99,4	92,2	94,6
85.2	Primary education	9 981	10 549	10 576	10 222	100,3	105,6	103,1	99,2	94,2	94,9
85.3	Secondary education	10 807	11 413	11 276	11 033	98,8	105,9	103,4	97,7	94,5	95,2
85.4	Higher education	15 302	15 837	16 470	15 585	104,0	105,7	103,0	102,9	94,3	94,8
85.5	Other education	7 868	7 990	8 061	7 911	100,9	107,8	105,9	99,8	96,2	97,5
85.6	Educational support activities	10 339	10 702	11 354	10 468	106,1	100,4	98,1	104,9	89,6	90,3
Q	Human health and social work activities	12 389	13 620	12 591	12 499	92,4	104,4	103,5	91,4	93,1	95,3
86	Human health activities	13 461	14 922	13 635	13 587	91,4	103,1	102,7	90,4	92,0	94,6
86.1	Hospital activities	14 163	16 254	14 322	14 359	88,1	103,1	102,8	87,1	92,0	94,7
86.2	Medical and dental practice activities	11 999	12 283	12 270	12 067	99,9	103,2	103,0	98,8	92,1	94,8
86.9	Other human health activities	12 340	12 447	12 398	12 124	99,6	104,2	102,2	98,5	93,0	94,1
87	Residential care activities	8 205	8 498	8 491	8 229	99,9	106,0	103,7	98,8	94,6	95,5
87.1	Residential nursing care activities	7 663	7 904	7 862	7 624	99,5	105,5	103,5	98,4	94,1	95,3
87.2	Residential care activities for mental retardation, mental health and substance abuse	8 879	9 195	9 205	8 927	100,1	105,6	102,9	99,0	94,2	94,8
87.3	Residential care activities for the elderly and disabled	7 644	7 876	7 870	7 644	99,9	106,2	104,1	98,8	94,7	95,9
87.9	Other residential care activities	9 919	10 438	10 425	10 042	99,9	107,1	103,8	98,8	95,5	95,6
88	Social work activities without accommodation	8 626	8 980	8 982	8 684	100,0	113,8	109,0	98,9	101,5	100,4
88.1	Social work activities without accommodation for the elderly and disabled	7 109	7 269	7 251	7 225	99,8	103,3	103,3	98,7	92,1	95,1
88.9	Other social work activities without accommodation	8 742	9 112	9 117	8 791	100,1	114,7	109,4	99,0	102,3	100,7

1) On the basis of user requirements, we are publishing a supplement to the regular First Release issued once in three months. Data are presented at the group level (three digits) for NKD 2007. sections O, P and Q.

NOTES ON METHODOLOGY

Data sources

Data on monthly net and gross earnings as well as data on paid hours were gathered by processing data from the Report on Income, Income Tax and Surtax as well as Contributions for Mandatory Insurances (JOPPD form), 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.

Coverage and comparability

Data comprise persons in employment in legal entities of all types of ownership, government bodies, and bodies of local and regional self-government units, on the territory of the Republic of Croatia.

Persons employed in crafts and trades and free lances and employed insured persons – private farmers are not covered, so data on their pays are not included in the data on average earnings.

Data on monthly net and gross earnings of persons employed in legal entities include net and gross earnings of persons in permanent employment, irrespective of the kind of employment and number of working-hours.

Persons in part-time employment who received earnings are expressed in full-time equivalent.

Data on monthly net and gross earnings are presented according to realised pay-offs in the current for the previous month, which is in line with the pay-off dynamics in most legal entities, so the average earnings refer to the month for which the pay-off has been received. It does not apply to paid-off non-taxable incomes.

Non-taxable incomes received by person in employment are presented in table 4.

The following non-taxable incomes are covered, according to codes on the JOPPD form:

- Code 21 – gift for a child younger than 15 and benefit for a newborn, up to a prescribed amount
- Code 22 – occasional bonuses (Christmas bonus, annual leave bonus, etc.), up to a prescribed amount
- Code 24 – supplements for seafarers, up to a prescribed amount
- Code 25 – compensation for living separately from family, up to a prescribed amount
- Code 26 – severance, up to a prescribed amount
- Code 60 – jubilee payments to persons in employment depending on years of service, up to a prescribed amount
- Code 61 – occasional bonuses (Christmas bonus, annual leave bonus, etc.) for previous taxation periods (subsequent payments), up to a prescribed amount
- Code 62 – expenses for food and accommodation of seasonal workers, according to Article 7, Item 35, of the Income Tax Ordinance
- Code 63 – pecuniary awards for performance results and other types of additional awarding of persons in employment (supplemental earnings, supplements to monthly earnings, etc.)
- Code 64 – expenses for accommodation and food of persons engaged in occasional seasonal agricultural works, according to Article 6, Item 10, of the Income Tax Ordinance
- Code 65 – pecuniary lump-sum reimbursements for covering food costs of persons in employment, up to a prescribed amount
- Code 66 – food expenses for persons in employment emerged during employment with the employer based on authentic documentation, up to a prescribed amount
- Code 67 – accommodation expenses for persons in employment emerged during employment with the employer based on authentic documentation, paid through cashless transaction
- Code 68 – accommodation expenses for persons in employment emerged during employment with the employer based on authentic documentation, transmitted to worker's account
- Code 69 – reimbursements for expenses of hospitality, tourist and other services rendered during workers' vacation, pursuant to regulations determined by the ministry in charge for tourism
- Code 70 – reimbursements for expenses of regular care for workers' children in institutions of pre-school education as well as in other legal entities or natural persons (kindergartens etc.)
- Code 71 – premiums of supplemental and additional health insurance – in effect since 2020.

Data from January 2016 and onwards are not comparable to previously published monthly data.

Definitions

Average monthly paid off net earnings comprise income of a person in employment earned for work done during regular working hours as well as annual leave, paid leave, public holidays and day-offs as prescribed by law, sickness leave up to 42 days, absence for continuing professional education, during lay-off and job stop caused against person's will and of no fault of his own and net pays on the basis of compensations, allowances and rewards in sums which are subjects to contributions, taxes and surtaxes.

Average monthly gross earnings include all kinds of net pays on the basis of employment and the following mandatory allocations: pension insurance contributions, income tax and surtax on income tax.

Number of paid hours is a number of hours for which persons in employment were paid. They include hours actually worked (hours done during regular working time and overtime hours) and hours not actually worked (annual leave, holidays, sick leave lasting less than 42 days and other paid hours not actually done). Paid hours do not include working hours not actually worked which are paid outside a legal entity (sick leave hours lasting over 42 days, maternity leave hours, hours of shorter working time done by parents, etc.).

Average monthly net and gross earnings per person in employment are calculated by dividing the total of pay-offs with the number of persons in employment expressed in full-time equivalent.

Average monthly net and gross earnings per paid hour are calculated by dividing the total of pay-offs with the total number of paid hours.

Indices of nominal net and gross earnings are calculated from the data on average monthly net and gross earnings for the respective months and year.

Real indices of net and gross earnings are calculated by dividing index of nominal net and gross earnings with a consumer price index for the respective month and year.

Median monthly net and gross earnings are calculated by determining a mean after earnings of persons in employment have been rank-ordered from the lowest to the highest one and shows that 50% of persons in employment get earnings that are equal to or lower than that amount (median) and another 50% get earnings that are equal to or higher than that amount (median).

Quartile monthly net and gross earnings are calculated by dividing the earnings of persons in employment into four equal parts after they have been rank-ordered from the lowest to the highest one. Then the amount is selected below which 25%, 50%, 75% and 100% of the earnings of persons in employment are placed. They can be divided to first (lower) quartile, second quartile (median), third (upper) quartile and fourth quartile.

The first (lower) quartile indicates that 25% of persons in employment get earnings that are equal to or lower than the first quartile, while 75% of persons in employment get earnings that are equal to or higher than the first quartile.

The third (upper) quartile indicates that 75% of persons in employment get earnings that are equal to or lower than the third quartile, while 25% of persons in employment get earnings that are equal to or higher than the third quartile.

Decile monthly net and gross earnings are calculated by dividing earnings of persons in employment into ten equal parts after they have been rank-ordered from the lowest to the highest one. Then the amount is selected below which 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90% and 100% of earnings of persons in employment are placed.

The first decile includes persons in employment with the lowest monthly earnings and indicates that 10% of persons in employment get earnings that are equal to or lower than the first decile, while 90% of persons in employment get earnings that are equal to or higher than that amount. The second decile includes persons in employment who get earnings that are higher than those included in the first decile and lower than those included in the third decile, etc.

Abbreviations

NKD 2007. National Classification of Activities, 2007 version
z data are not published for confidentiality reasons

Press corner: press@dzs.hr

Persons responsible:

Dubravka Rogić Hadžalić, Director of Demographic and Social Statistics Directorate
Lidija Brković, Director General

Prepared by:

Katarina Litva and Zdenka Mandarić

USERS ARE KINDLY REQUESTED TO STATE THE SOURCE.

Customer Relations and Data Protection Department

Information and user requests

Phone: (+385 1) 48 06 138, 48 06 154

E-mail: stat.info@dzs.hr

Subscription

Phone: (+385 1) 48 06 115

E-mail: prodaja@dzs.hr