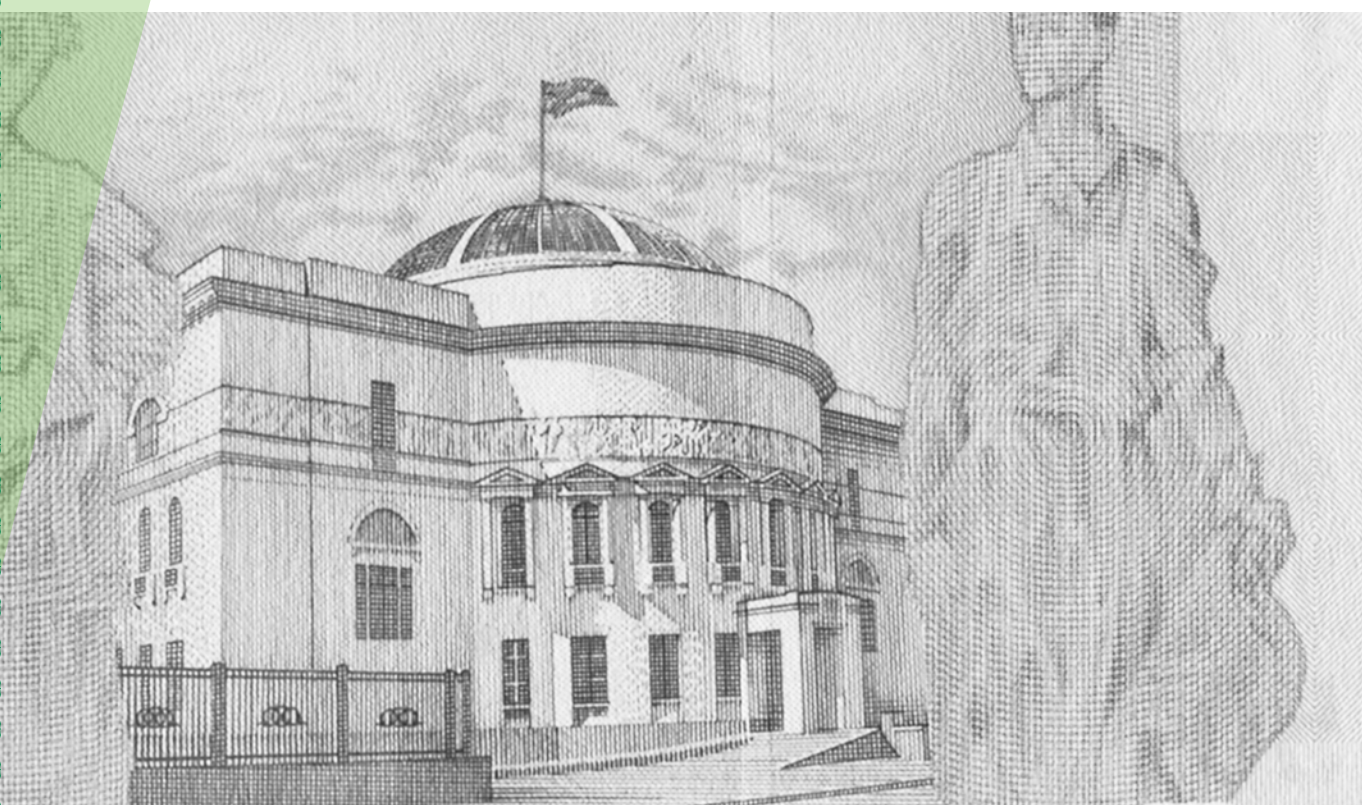




National Bank  
of Ukraine

# Monetary and Financial Statistics

October 2022



Information has been prepared according to the monetary and financial statistics data compiled on the basis of the statistical reporting of banks and the National Bank of Ukraine, information of the National Commission for State Regulation of Financial Services Markets, the National Commission on Securities and Stock Market, the Ministry of Finance of Ukraine, the State Statistical Service of Ukraine, calculations and estimates of the National Bank of Ukraine.

More detailed information is available on page «Statistics. Financial Sector Statistics» on the official website of the National Bank of Ukraine:

<https://bank.gov.ua/en/statistic/sector-financial>

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## Abbreviations

NPISH            non-profit institutions serving households (S.15) according to Institutional Sector Classification

## Symbols

"\_"            data are not applicable  
 "... "        data are not available  
 "0; 0,0"      data are available but in dimensions smaller than can be expressed by the digits used in the table

## National Bank of Ukraine monetary policy indicators

Table 1. Interest rate on refinancing

Components	2022									
	2	3	4	5	6	7	8	9	10	
NBU discount rate (end of period)	10.0	10.0	10.0	10.0	25.0	25.0	25.0	25.0	25.0	25.0
Average weighted interest rate on all instruments	11.0	11.0	11.0	11.0	25.9	27.0	27.0	27.0	27.0	27.0
of which										
loans granted through tender	11.0	11.0	11.0	11.0	27.0	27.0	27.0	27.0	27.0	27.0
overnight loans	11.0	11.0	11.0	11.0	19.9	27.0	27.0	27.0	27.0	27.0

Table 2. Reserve requirements, %

Validity	current accounts and deposits in national currency	current accounts and deposits in foreign currency
з 10.03.2020	0	10

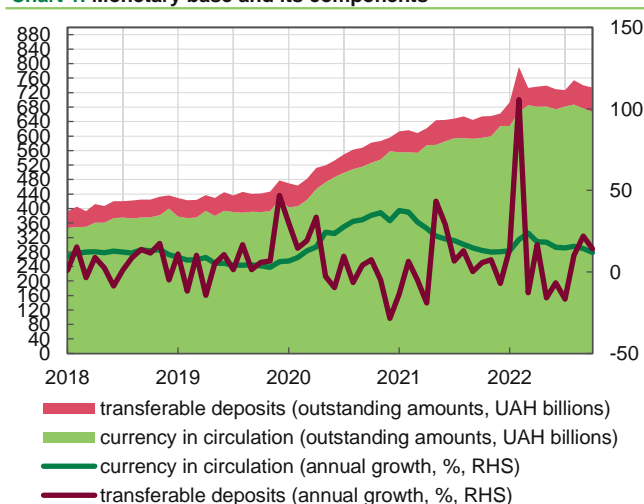
Table 3. Official exchange rate of hryvnia against US dollar and euro, hryvnias

	2022									
	2	3	4	5	6	7	8	9	10	
<b>US Dollar</b>										
period average	28.4137	29.2549	29.2549	29.2549	29.2549	31.8501	36.5686	36.5686	36.5686	36.5686
end of period	29.2549	29.2549	29.2549	29.2549	29.2549	36.5686	36.5686	36.5686	36.5686	36.5686
<b>Euro</b>										
period average	32.2692	32.8958	31.7699	30.8838	30.9520	32.1941	37.0878	36.3074	35.9271	35.9271
end of period	33.1707	32.5856	30.6869	31.5031	30.7776	36.9965	36.6564	35.5611	36.7386	36.7386

Table 4. Monetary base and its components

Components	2021			2022					
	October			September			October		
	outstanding amounts at end of period, UAH billions	transactions for UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	transactions for UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	transactions for UAH billions	annual growth rates, %
<b>Monetary base</b>	653.97	9.59	12.4	740.49	-13.72	14.9	734.05	-6.44	12.2
of which									
Currency in circulation	595.19	3.00	13.1	676.84	-10.51	14.3	666.92	-9.93	12.1
Transferable deposits of other deposit-taking corporations	58.68	6.71	5.6	63.52	-3.22	22.2	67.01	3.48	14.2
Transferable deposits of other sectors of economy	0.10	-0.11	52.1	0.12	0.01	-42.2	0.13	0.00	28.0

Chart 1. Monetary base and its components



## Surveys of financial corporations

Table 5. Deposit-taking corporations survey<sup>1</sup>

Components	2021			2022			2022		
	October			September			October		
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %
(1) <b>Monetary aggregate M3</b>	1 940.55	20.06	12.8	2 277.07	18.32	10.7	2 324.89	44.36	11.7
(2) Other items (net) (3 + 4 – 1)	631.77	13.45	–	861.90	-10.17	–	884.73	22.11	–
(3) <b>Domestic credit (3.1 + 3.2)</b>	1 872.62	16.15	6.4	2 194.92	15.33	12.1	2 177.55	-16.43	10.3
(3.1) Net claims on the central government	836.31	0.46	–	1 130.12	28.68	–	1 126.90	-0.96	–
(3.2) Claims on other sectors of economy	1 036.30	15.69	8.5	1 064.80	-13.35	-3.0	1 050.65	-15.47	-5.8
Other financial corporations	14.09	0.45	34.2	11.06	-1.73	-20.9	10.89	-0.22	-24.9
State and local government	11.54	0.46	26.0	12.65	-1.10	15.1	12.12	-0.57	5.5
Non-financial corporations	765.60	12.00	5.5	796.31	-7.02	-3.4	786.98	-10.54	-6.1
Households and NPISH	245.08	2.78	17.0	244.78	-3.50	-1.7	240.65	-4.14	-4.4
(4) <b>Net foreign assets</b>	699.71	17.36	–	944.04	-7.18	–	1 032.07	82.90	–

Table 6. Monetary aggregates and counterparts items of deposit-taking corporations survey<sup>1</sup>

Components	2021			2022			2022		
	October			September			October		
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %
<b>Components M3</b>									
(1) <b>M3 (1.6 + 1.7)</b>	1 940.55	20.06	12.8	2 277.07	18.32	10.7	2 324.89	44.36	11.7
(1.1) Currency in circulation outside deposit-taking corporations	553.80	9.55	13.8	623.27	-16.91	14.5	623.91	0.64	12.7
(1.2) Transferable deposits in national currency	610.78	2.28	30.2	779.34	25.50	28.1	810.41	31.07	32.7
(1.3) <b>M1 (1.1 + 1.2)</b>	1 164.57	11.83	21.8	1 402.61	8.59	21.7	1 434.33	31.71	23.2
(1.4) Transferable deposits in foreign currency	312.00	6.95	14.1	429.53	-13.73	7.2	439.38	6.97	6.6
(1.5) Other deposits	462.06	1.35	-4.9	443.56	23.52	-12.7	449.93	5.79	-11.9
(1.6) <b>M2 (1.3 + 1.4 + 1.5)</b>	1 938.64	20.14	12.9	2 275.70	18.38	10.7	2 323.63	44.47	11.7
(1.7) Debt securities	1.92	-0.07	-26.1	1.37	-0.06	-49.1	1.26	-0.11	-51.4
<b>Counterparts</b>									
<b>Liabilities</b>									
(2) Liabilities excluded from M3	14.96	-0.29	48.4	5.74	0.15	-64.0	5.72	-0.03	-63.5
(3) Equity	424.30	15.13	9.6	623.03	-19.70	16.0	636.02	12.17	14.2
(4) Other items (net)	192.51	-1.39	–	233.13	9.38	–	242.99	9.97	–
<b>Assets</b>									
(5) Domestic credit	1 872.62	16.15	6.4	2 194.92	15.33	12.1	2 177.55	-16.43	10.3
(5.1) Net claims on central government	836.31	0.46	–	1 130.12	28.68	–	1 126.90	-0.96	–
Claims	912.88	1.27	7.0	1 278.85	14.73	34.7	1 307.95	29.89	37.7
Minus: liabilities	76.56	0.82	59.4	148.73	-13.95	74.0	181.05	30.85	107.8
(5.2) Claims on other sectors of economy	1 036.30	15.69	8.5	1 064.80	-13.35	-3.0	1 050.65	-15.47	-5.8
among them:									
Loans	1 017.75	15.22	8.9	1 049.59	-13.45	-2.8	1 035.20	-15.63	-5.7
Debt securities	10.37	0.02	-17.8	7.52	-0.10	-22.6	7.65	0.09	-21.9
Equity	0.58	0.17	58.1	0.57	0.00	42.1	0.57	0.00	-0.4
(6) Net foreign assets	699.71	17.36	–	944.04	-7.18	–	1 032.07	82.90	–

<sup>1</sup> National Bank of Ukraine and other deposit-taking corporations

Table 7. Components M3 by sectors of the economy

Components	2021			2022			2022		
	October			September			October		
	outstanding amounts at end of period, UAH billions	trans- actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans- actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans- actions for period, UAH billions	annual growth rates, %
<b>Transferable deposits</b>									
<b>in national currency</b>	610.78	2.28	30.2	779.34	25.50	28.1	810.41	31.07	32.7
Other financial corporations	21.28	-0.62	47.5	21.63	0.36	-1.2	21.94	0.31	3.1
Non-financial corporations	305.80	2.57	38.7	323.91	17.30	6.8	351.48	27.57	14.9
Households and NPISH	283.70	0.33	21.1	433.80	7.83	53.1	437.00	3.19	54.0
<b>M2 - M1</b>	774.06	8.30	2.1	873.09	9.79	-4.9	889.31	12.75	-4.5
Other financial corporations	22.37	0.26	1.9	29.09	0.52	19.2	30.42	1.26	22.9
Non-financial corporations	275.96	4.08	-2.7	298.74	1.43	-8.3	304.98	4.51	-8.3
Households and NPISH	475.73	3.96	5.2	545.26	7.84	-3.9	553.91	6.98	-3.5
<b>M3 - M2</b>	1.92	-0.07	-26.1	1.37	-0.06	-49.1	1.26	-0.11	-51.4
Other financial corporations	0.14	-0.00	21.9	0.02	0.00	-87.3	0.02	0.01	-83.3
Non-financial corporations	0.00	0.00	-	0.00	0.00	3.7	0.00	0.00	3.8
Households and NPISH	1.78	-0.07	-28.2	1.35	-0.06	-47.2	1.23	-0.11	-49.9

Chart 2. Monetary aggregate M3 and counterpart items (outstanding amounts, UAH billions)

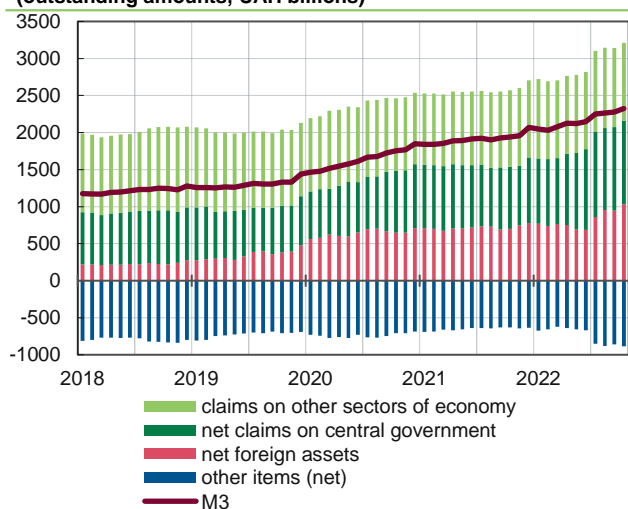


Chart 3. Monetary aggregate M3 and counterpart items (annual growth rates, %)

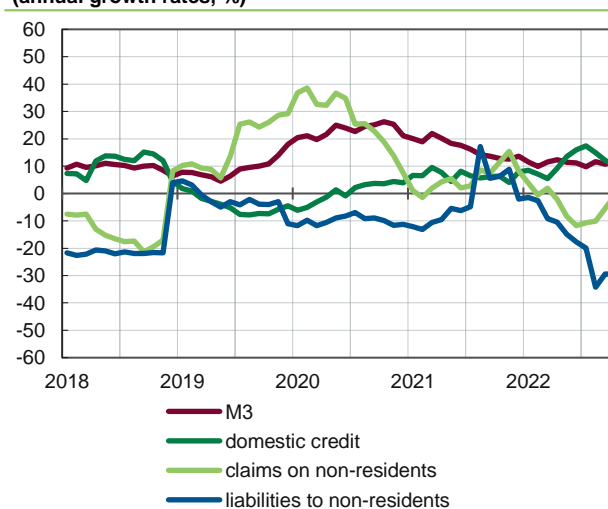
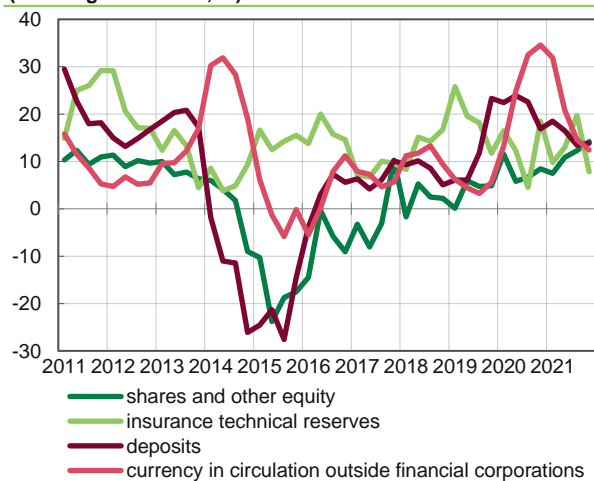
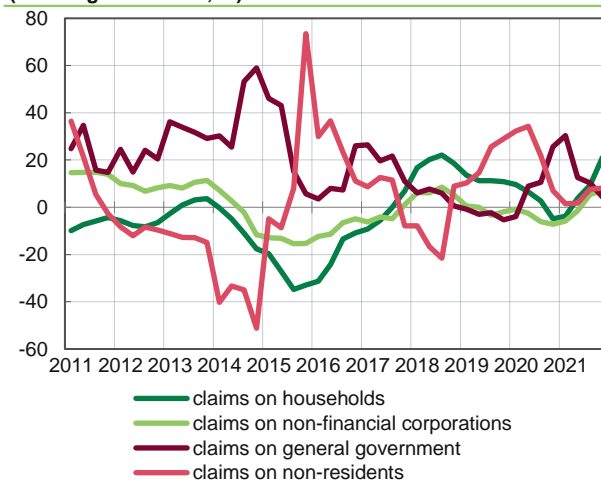


Table 8. Financial corporations survey

Components	IV quarter 2020			III quarter 2021			IV quarter 2021		
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %
	(1) Net foreign assets	687.24	45.56	-	669.00	-16.94	-	750.29	65.29
(2) Domestic credit	2 147.92	47.38	4.6	2 191.94	52.58	7.2	2 261.80	66.46	8.2
(2.1) Net claims on central government	882.97	65.77	-	862.73	7.09	-	905.54	43.28	-
Claims	973.66	93.00	25.1	940.01	5.59	10.1	980.99	40.27	3.8
Less: liabilities	90.68	27.23	23.7	77.28	-1.51	28.6	75.45	-3.01	-13.9
(2.2) Claims on other residents	1 264.95	-18.39	-6.0	1 329.21	45.49	6.3	1 356.26	23.18	10.0
State and local government	11.61	2.46	100.3	11.55	1.62	29.0	16.22	4.63	42.9
Non-financial corporations	1 026.40	-5.69	-6.9	1 055.08	29.24	5.4	1 066.67	8.26	7.1
Households and NPISH	226.93	-15.15	-4.9	262.58	14.62	9.4	273.37	10.28	21.1
(3) Currency in circulation outside financial corporations	515.02	41.08	34.6	543.19	2.75	14.6	579.01	35.82	12.4
(4) Deposits	1 296.41	71.86	16.9	1 351.73	24.65	13.5	1 444.89	84.53	13.8
(5) Debt securities	5.20	-1.62	-37.1	4.84	-0.65	-27.1	4.63	-0.25	-9.4
(6) Loans	0.11	0.01	-19.5	0.15	0.01	48.5	0.07	-0.07	-30.4
(7) Financial derivatives and employee stock options	0.31	0.00	0.0	0.07	0.00	0.0	0.18	0.00	0.0
(8) Insurance, pension and standardized guarantee schemes	36.63	4.44	18.5	38.53	0.76	19.7	39.50	0.98	7.8
(9) Equity and investment fund shares	855.92	40.74	8.1	868.64	46.30	12.3	937.46	61.42	14.2
(10) Other items (net)	125.56	-63.58	-	53.80	-38.35	-	6.34	-50.68	-

Chart 4. Resources of financial corporations  
(annual growth rates, %)Chart 5. Claims of financial corporations  
(annual growth rates, %)

## Loans and deposits

Table 9. Loans and deposits of non-financial corporations and households, by currencies

Components	2021			2022			2022		
	October			September			October		
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %
<b>Loans</b>									
Non-financial corporations	755.51	11.76	5.6	790.37	-7.02	-2.9	780.81	-10.79	-5.7
hryvnia	488.16	5.64	18.1	523.86	-3.24	8.9	518.71	-4.69	6.7
US dollar	197.91	5.32	-10.1	194.78	-2.11	-27.2	190.53	-4.25	-30.7
euro	69.41	0.79	-12.1	71.69	-1.67	-10.2	71.23	-1.84	-13.5
Households	242.82	2.69	17.1	242.60	-3.51	-1.7	238.43	-4.19	-4.4
hryvnia	221.11	4.13	28.5	219.32	-3.34	1.1	215.29	-4.03	-2.6
US dollar	19.97	-1.37	-37.6	21.55	-0.18	-27.3	21.39	-0.15	-22.9
euro	0.90	-0.01	-30.4	0.95	0.01	-10.4	0.97	-0.01	-10.4
<b>Deposits</b>									
Non-financial corporations	581.75	6.65	15.0	622.65	18.74	-0.9	656.45	32.08	3.0
hryvnia	398.57	5.50	25.3	409.49	24.50	4.2	433.14	23.65	8.7
US dollar	109.61	3.50	-11.7	134.19	-1.46	-8.1	139.13	4.94	-7.7
euro	69.82	-2.35	16.9	75.12	-4.19	-10.7	80.46	3.51	-3.5
Households	745.10	4.19	10.4	953.57	15.40	15.8	963.99	8.83	16.2
hryvnia	465.85	1.95	15.3	596.05	8.97	28.5	597.10	1.04	28.2
US dollar	224.54	1.49	0.9	290.40	5.76	-6.4	298.10	7.70	-4.5
euro	52.89	0.73	15.4	65.09	0.59	6.8	66.71	0.07	5.5

Chart 6. Loans

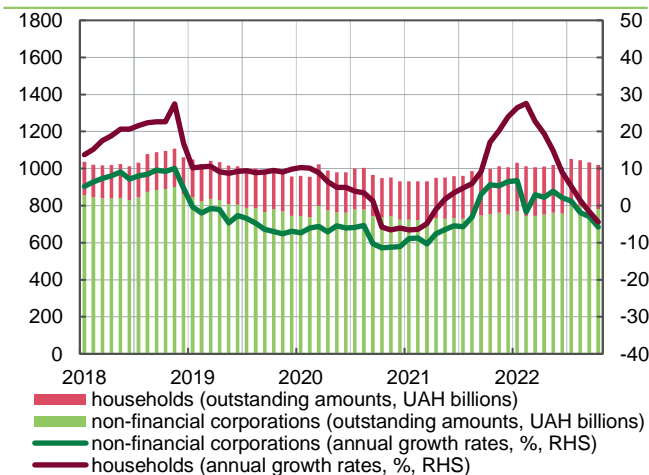


Chart 7. Deposits

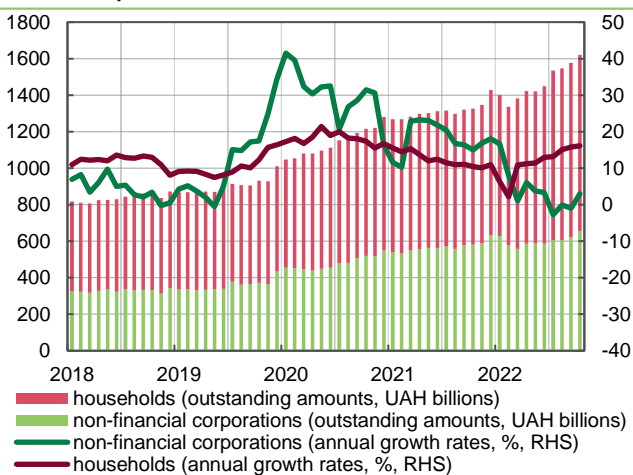


Chart 8. Loans (annual growth rates, %)

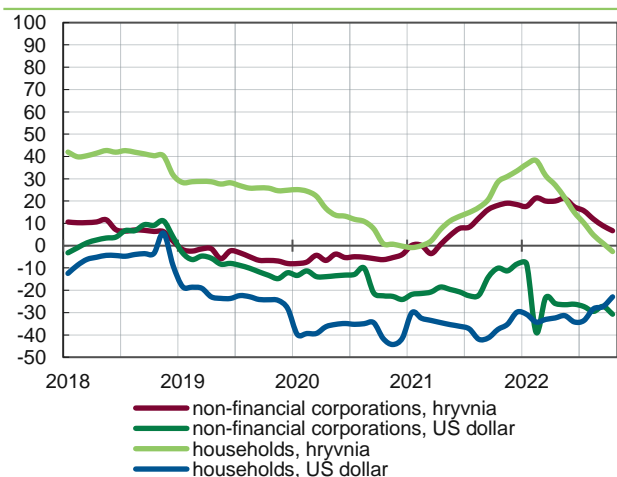


Chart 9. Deposits (annual growth rates, %)

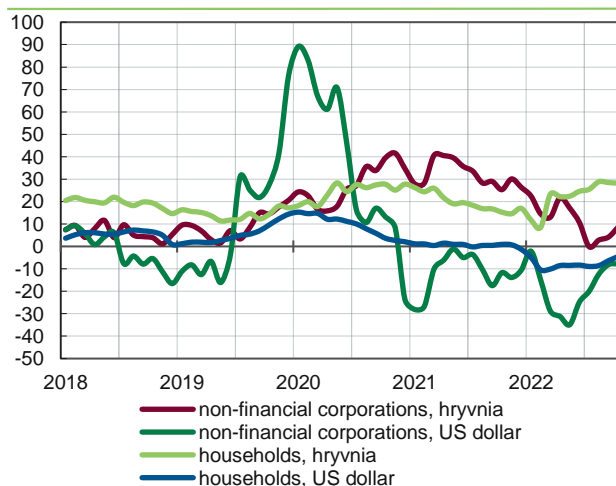




Table 10. Loans and deposits of non-financial corporations and households, by original maturities

Components	2021			2022					
	October			September			October		
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH	trans-actions for period, UAH billions	annual growth rates, %
<b>Loans</b>									
Non-financial corporations	755.51	11.76	5.6	790.37	-7.02	-2.9	780.81	-10.79	-5.7
up to 1 year	410.20	5.71	9.5	443.34	-8.39	2.4	434.63	-9.07	-1.1
over 1 year and up to 5 years	252.90	5.12	10.5	245.52	1.24	-11.7	245.84	-0.39	-13.6
over 5 years	92.41	0.92	-17.1	101.51	0.14	-2.7	100.34	-1.32	-4.9
Households	242.82	2.69	17.1	242.60	-3.51	-1.7	238.43	-4.19	-4.4
up to 1 year	111.58	0.31	23.7	114.46	-0.34	2.8	113.52	-0.94	1.6
over 1 year and up to 5 years	81.32	1.78	28.3	73.03	-2.36	-8.8	70.58	-2.45	-13.8
over 5 years	49.93	0.60	-6.7	55.12	-0.82	-0.6	54.33	-0.79	-3.2
<b>Deposits</b>									
Non-financial corporations	581.75	6.65	15.0	622.65	18.74	-0.9	656.45	32.08	3.0
on demand	438.28	6.14	23.4	481.65	1.81	1.3	517.40	34.26	7.0
up to 1 year	111.34	1.00	-9.6	109.11	14.98	-7.1	106.76	-2.51	-10.0
over 1 year and up to 2 years	23.28	1.56	18.7	27.71	1.91	20.0	27.97	0.21	12.8
over 2 years	8.85	-2.04	8.0	4.18	0.03	-67.3	4.32	0.12	-58.7
Households	745.10	4.19	10.4	953.57	15.40	15.8	963.99	8.83	16.2
on demand	425.87	4.43	27.9	647.88	8.23	38.9	650.75	1.60	37.8
up to 1 year	211.44	0.07	-9.0	202.79	9.15	-14.0	212.84	9.83	-9.8
over 1 year and up to 2 years	98.01	-0.23	-4.0	92.06	-1.77	-16.1	90.03	-2.12	-17.9
over 2 years	9.78	-0.09	28.8	10.84	-0.21	-15.9	10.36	-0.49	-19.0

Table 11. Loans to households with regard to the purpose, by currencies

Components	2021			2022					
	October			September			October		
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH	trans-actions for period, UAH billions	annual growth rates, %
<b>Total</b>	242.82	2.69	17.1	242.60	-3.51	-1.7	238.43	-4.19	-4.4
<b>consumer loans</b>	204.74	3.02	20.5	201.99	-2.89	-1.1	198.31	-3.68	-4.3
hryvnia	196.20	3.43	26.0	193.18	-2.88	0.2	189.59	-3.59	-3.4
US dollar	7.97	-0.38	-37.7	8.22	-0.02	-29.2	8.13	-0.09	-26.7
euro	0.30	-0.01	-43.6	0.30	0.01	-17.1	0.31	-0.00	-14.9
<b>lending for house purchase</b>	27.64	-0.59	-11.5	29.07	-0.42	-10.5	28.88	-0.19	-9.2
hryvnia	15.11	0.45	41.6	15.30	-0.27	4.4	15.16	-0.14	0.3
US dollar	11.51	-0.99	-39.0	12.76	-0.14	-26.5	12.71	-0.05	-20.5
euro	0.47	-0.00	-26.2	0.51	-0.00	-5.8	0.52	0.00	-5.7
<b>other loans</b>	10.44	0.26	72.3	11.55	-0.21	11.6	11.24	-0.31	5.8

Table 12. Loans to households regard by the purpose, by original maturities

Components	2021			2022					
	October			September			October		
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH	trans-actions for period, UAH billions	annual growth rates, %
<b>Total</b>	242.82	2.69	17.1	242.60	-3.51	-1.7	238.43	-4.19	-4.4
<b>consumer loans</b>	204.74	3.02	20.5	201.99	-2.89	-1.1	198.31	-3.68	-4.3
up to 1 year	108.84	0.31	23.9	113.01	-0.27	4.1	112.22	-0.79	3.1
over 1 year and up to 5 years	72.33	1.50	24.5	61.92	-2.20	-12.9	59.65	-2.26	-17.8
over 5 years	23.58	1.20	-1.3	27.07	-0.41	10.5	26.44	-0.63	2.5
<b>lending for house purchase</b>	27.64	-0.59	-11.5	29.07	-0.42	-10.5	28.88	-0.19	-9.2
up to 1 year	0.25	-0.00	-37.2	0.17	0.00	-54.6	0.16	-0.01	-56.3
over 1 year and up to 5 years	1.44	0.01	1.1	1.28	-0.04	-18.9	1.25	-0.03	-21.4
over 5 years	25.95	-0.61	-11.7	27.62	-0.37	-9.6	27.47	-0.15	-8.0
<b>other loans</b>	10.44	0.26	72.3	11.55	-0.21	11.6	11.24	-0.31	5.8

## Interest rates

Table 13. Interest rates on loans<sup>1</sup> and deposits in October 2022

Components	Non-financial corporations			Households		
	interest rate, %	change to the previous period, pp	business outstanding amounts, UAH billions	interest rate, %	change to the previous period, pp	business outstanding amounts, UAH billions
<b>New business on loans</b>	16.50	0.50	189.7	32.27	1.39	41.5
hryvnia	19.62	0.02	146.4	32.28	1.40	41.4
US dollar	5.97	0.22	36.0	22.68	-8.29	0.05
euro	5.88	1.91	7.3	33.28	-8.34	0.02
<b>Outstanding amounts of loans</b>	13.93	1.48	780.8	30.81	0.96	242.6
hryvnia	18.97	2.15	518.7	33.98	2.23	193.7
US dollar	7.36	0.53	190.5	11.07	0.32	35.8
euro	6.02	0.24	71.2	6.13	0.89	29.3
<b>New business on deposits</b>	8.81	0.13	302.8	5.81	-0.34	65.2
hryvnia	8.97	-0.11	296.4	9.23	0.13	39.0
US dollar	1.55	0.07	5.1	0.73	-0.14	23.9
euro	0.57	0.19	1.4	0.49	0.04	2.3
<b>Outstanding amounts of deposits</b>	8.48	0.71	656.5	4.64	0.24	964.0
hryvnia	10.36	0.77	433.1	7.66	0.55	597.1
US dollar	1.20	0.11	139.1	0.87	0.03	298.1
euro	0.41	0.03	80.5	0.32	0.02	66.7

Chart 10. Interest rates of new business on loans, %

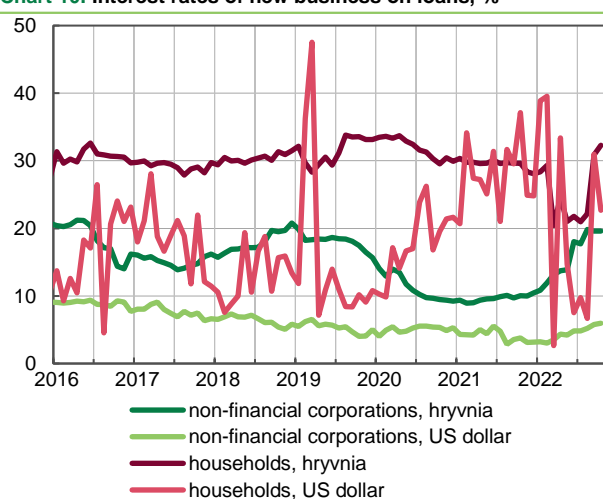


Chart 11. Interest rates of new business on deposits, %

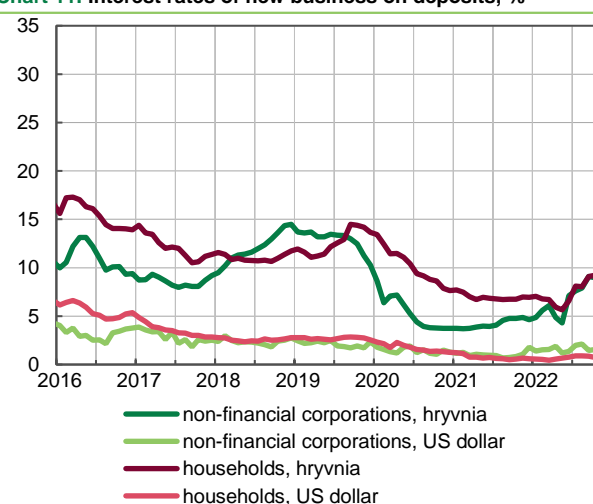


Chart 12. Interest rates on outstanding amounts of loans, %

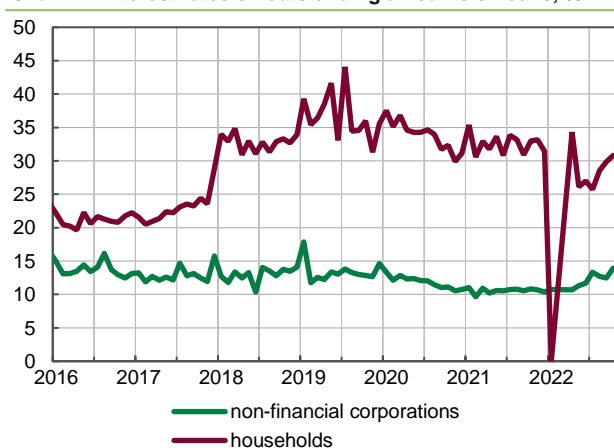
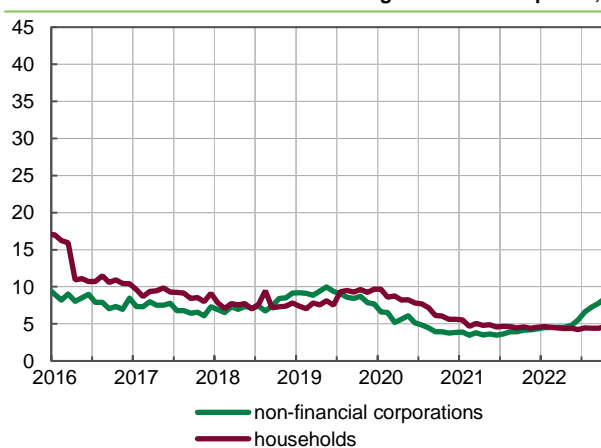


Chart 13. Interest rates on outstanding amounts of deposits, %

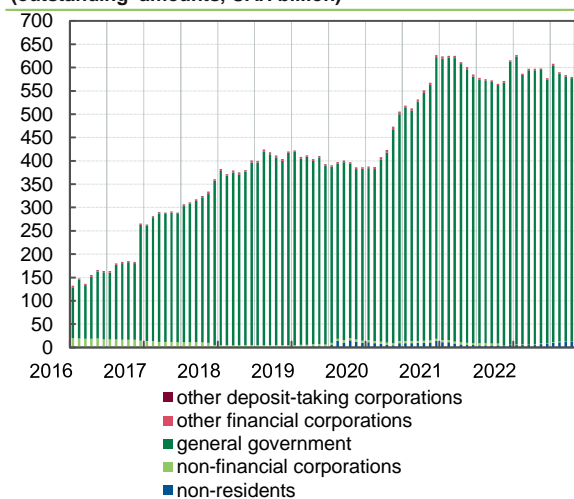
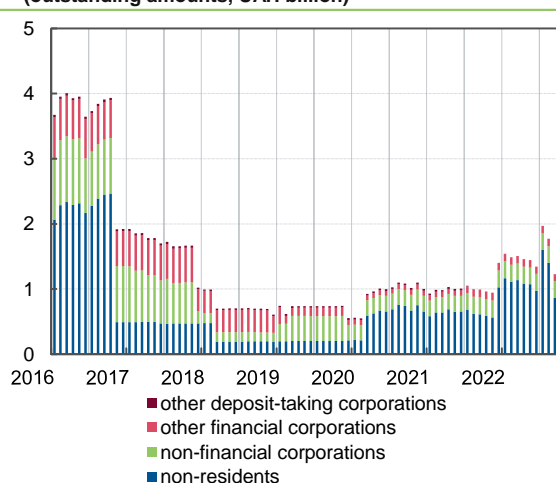
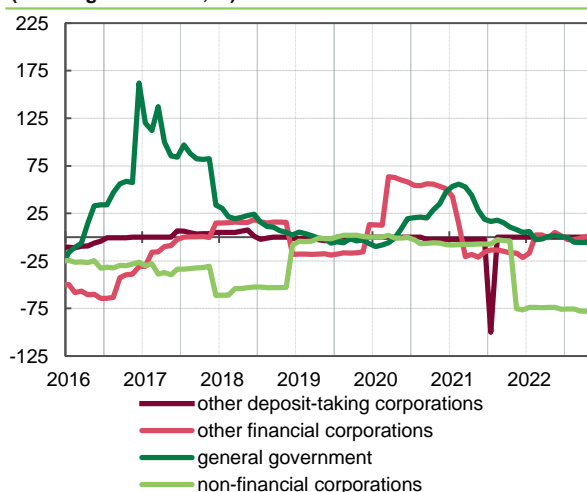
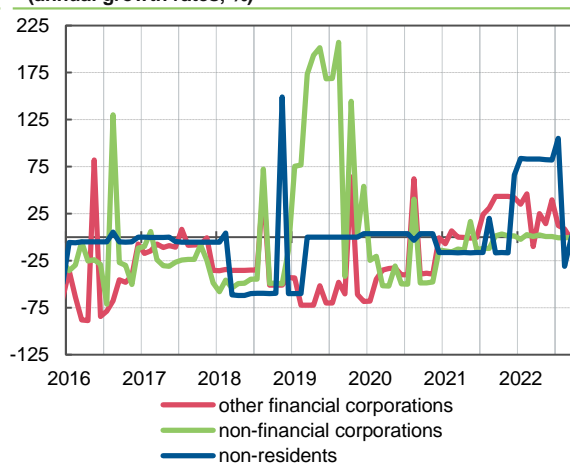


<sup>1</sup> Including overdraft, loans with original maturity up to 1 year, over 1 year and up to 5 years, over 5 years

## Securities held by deposit-taking corporations

Table 14. Securities held by deposit-taking corporations (excluding National Bank of Ukraine) by sectors of the economy

Components	2021			2022			2022		
	October			September			October		
	outstandin amounts at end of period, UAH	trans- actions for period, UAH billions	annual growth rates, %	outstandin amounts at end of period, UAH	trans- actions for period, UAH billions	annual growth rates, %	outstandin amounts at end of period, UAH	trans- actions for period, UAH billions	annual growth rates, %
<b>Debt securities</b>	<b>565.47</b>	<b>-3.06</b>	<b>8.8</b>	<b>583.79</b>	<b>2.90</b>	<b>-5.0</b>	<b>580.20</b>	<b>-2.84</b>	<b>-4.9</b>
residents	561.21	-2.92	10.0	570.45	0.91	-6.1	566.86	-2.84	-6.1
National bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	–	–	–	–	–	–	–	–	–
Other financial corporations	3.23	-0.02	-16.4	2.87	0.03	-1.1	2.94	0.03	0.7
General government	553.60	-2.95	10.5	566.66	1.00	-5.6	563.04	-2.88	-5.6
Non-financial corporations	4.38	0.04	-3.9	0.92	-0.12	-77.9	0.88	0.01	-77.9
Households and NPISH	–	–	–	–	–	–	–	–	–
non-residents	4.26	-0.14	-54.74	13.34	1.99	123.8	13.34	-0.00	131.1
<b>Equity</b>	<b>0.96</b>	<b>0.00</b>	<b>-9.6</b>	<b>1.23</b>	<b>-0.52</b>	<b>-7.2</b>	<b>1.37</b>	<b>0.00</b>	<b>8.3</b>
residents	0.38	-0.00	5.1	0.37	–	-0.8	0.37	–	-0.3
Other deposit-taking corporations	0.00	–	-100.0	–	–	–	–	–	–
Other financial corporations	0.12	–	43.5	0.11	–	-1.6	0.11	–	-0.8
Non-financial corporations	0.26	-0.00	3.4	0.25	–	-0.4	0.25	–	-0.1
non-residents	0.59	0.00	-16.4	0.86	-0.52	-2.7	1.00	0.00	19.5

Chart 14. Debt securities  
(outstanding amounts, UAH billion)Chart 15. Equity  
(outstanding amounts, UAH billion)Chart 16. Debt securities  
(annual growth rates, %)Chart 17. Equity  
(annual growth rates, %)

## Debt securities issued by resident sectors

Table 15. Debt securities issued by resident sectors

Components	II quarter 2021			I quarter 2022 <sup>1</sup>			II quarter 2022 <sup>1</sup>		
	outstanding amounts at end of period, UAH billions	net issues during the period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	net issues during the period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	net issues during the period, UAH billions	annual growth rates, %
<b>Total</b>	1 762.97	12.82	10.6	1 782.36	-23.62	0.6	1 954.82	177.08	9.8
Deposit-taking corporations	2.92	0.01	-6.7	2.07	-0.28	-32.5	1.93	-0.14	-37.3
National Bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	2.92	0.01	-6.7	2.07	-0.28	-32.5	1.93	-0.14	-37.3
Other financial corporations	7.01	0.39	0.7	6.41	-0.17	-3.2	6.41	0.00	-8.6
General government	1 662.64	20.09	10.7	1 711.07	-24.27	1.2	1 883.67	177.22	10.3
Non-financial corporations	90.41	-7.68	10.7	62.82	1.09	-7.7	62.81	-0.01	0.1

<sup>1</sup> Excluding promissory notes issued by non-financial corporations.

Chart 18. Dynamics of debt securities issued by resident sectors

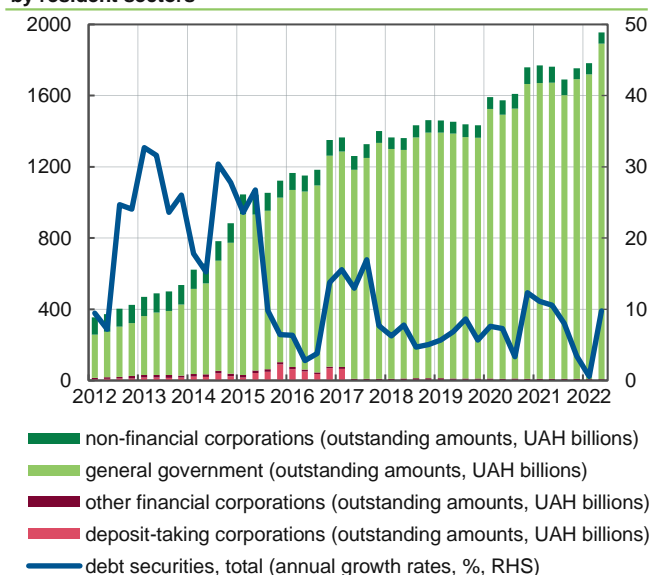


Chart 19. Net issues of debt securities issued by resident sectors, UAH billions



## Financial Soundness Indicators

Table 16. Financial Soundness Indicators

Components	2022				
	May	June	July	August	September
<b>Core Financial Soundness Indicators</b>					
I1 Regulatory capital to risk-weighted assets	16.65	17.16	17.11	16.92	18.85
I2 Regulatory Tier 1 capital to risk-weighted assets	11.40	11.40	11.52	11.47	12.75
I3 Nonperforming loans net of provisions to capital	12.90	18.92	17.22	17.41	24.21
I4 Nonperforming loans to total gross loans	27.64	29.71	30.02	30.77	33.63
I5 Sectoral distribution of loans to total loans					
Residents	97.16	96.78	96.18	96.31	96.32
Deposit-takers	0.17	0.10	0.09	0.11	0.12
Central bank					
Other financial corporations	0.90	0.88	0.87	0.80	0.64
General government	2.46	2.44	2.52	2.51	2.44
Nonfinancial corporations	70.03	70.20	70.69	71.00	71.21
Households and NPISH	23.59	23.15	22.01	21.90	21.91
Nonresidents	2.84	3.22	3.82	3.69	3.68
I6 Return on assets	-0.05	-0.41	0.53	0.86	0.73
I7 Return on equity	-0.45	-3.68	4.68	7.66	6.56
I8 Interest margin to gross income	58.09	55.14	50.73	48.75	50.52
I9 Noninterest expenses to gross income	59.34	55.32	49.11	46.50	47.70
I10 Liquid assets to total assets	69.55	70.62	70.97	71.92	74.02
I11 Liquid assets to short-term liabilities	85.35	85.90	87.21	88.08	88.80
I12 Net open position in foreign exchange to capital	35.09	34.36	46.62	47.23	43.70
<b>Encouraged Financial Soundness Indicators</b>					
I13 Capital to assets	10.39	10.09	10.97	11.31	9.78
I14 Large exposures to capital	82.66	78.20	100.59	103.17	99.18
I15 Geographical distribution of loans to total loans					
Domestic economy	97.16	96.78	96.18	96.31	96.32
Advanced economies, excluding China	2.82	3.13	3.00	3.60	3.60
Other emerging market and developing countries, including China	0.02	0.09	0.73	0.09	0.08
I16 Gross asset position in financial derivatives to capital	0.73	2.35	1.87	1.73	2.19
I17 Gross liability position in financial derivatives to capital	0.17	0.15	0.71	0.75	0.81
I18 Trading income to total income	4.93	9.99	17.57	21.21	17.83
I19 Personnel expenses to noninterest expenses	37.76	37.47	36.98	36.56	35.94
I20 Spread between reference lending and deposit rates (basis points)	956	998	843	979	982
I21 Spread between highest and lowest interbank rates (basis points)		2 248	2 285	2 212	2 210
I22 Customer deposits to total (noninterbank) loans	139.44	146.52	148.65	147.93	154.47
I23 Foreign-currency-denominated loans to total loans	27.34	27.39	31.68	31.50	31.24
I24 Foreign-currency-denominated liabilities to total liabilities	32.05	33.62	39.42	38.00	37.49
I26 OFC's financial assets to total financial assets	-	...	-	-	-
I27 OFC's financial assets to gross domestic product	-	...	-	-	-
I37 Residential real estate prices (Percentage change/last 12 months)	-	...	-	-	-
I39 Residential real estate loans to total gross loans	2.64	2.28	2.63	2.62	2.62
I40 Commercial real estate loans to total gross loans	1.59	1.24	1.54	1.53	1.52

Note. Financial soundness indicators are compiled according to the IMF Financial Soundness Indicators Compilation Guide. More detailed information is available on page «Statistics. Financial Sector Statistics. Data» on the official website of the National Bank of Ukraine:

<https://bank.gov.ua/en/statistic/sector-financial/data-sector-financial#4fsi>

## Glossary

1. Monetary aggregates	<p>Liabilities of deposit-taking corporations (National Bank of Ukraine and other deposit-taking corporations (banks of Ukraine)), which have relatively high degree of liquidity to other sectors of the economy with the exception of deposit-taking corporations and general government sector. Liabilities of deposit-taking corporations include currency in circulation outside the deposit-taking corporations, transferable deposits, other deposits and debt securities.</p> <p>Monetary aggregate M0 includes currency in circulation outside the deposit-taking corporations.          Monetary aggregate M1 – monetary aggregate M0 and transferable deposits in national currency (M1 - M0).          Monetary aggregate M2 – monetary aggregate M1 and transferable deposits in foreign currency and other deposits (M2 - M1).          Monetary aggregate M3 – monetary aggregate M2 and debt securities (M3 - M2).</p>
2. Transferable deposits	Financial assets that are exchangeable on demand at par and directly usable for making payments.
3. Other deposits	Non-transferable deposits that are convertible into cash or transferable deposits in short terms such as demand deposits, that are not used directly to make payments, time deposits and savings deposits.
4. Debt securities	Negotiable instruments serving as evidence that units have obligations to settle by means of providing cash, a financial instrument, or some other item of economic value. Some common types of securities are bonds, treasury bills, promissory notes, etc.
5. Lending for house purchase	Loans granted for the purpose of investing in housing, including building and home improvements.
6. Net foreign assets	Balance between claims and liabilities vis-a-vis non-residents on cash in foreign currency, deposits, loans, securities and other accounts receivable/payable.
7. Domestic credit	Net claims of financial corporations on the central government and claims on other sectors of economy in national and foreign currencies.
8. Net claims on the central government	Balance between claims and liabilities of financial corporations vis-a-vis central government under the investments in government securities, under the loans granted and other accounts.
9. Claims on other residents	The claims of financial corporations under the loans, investments in securities etc with regard to state and local government, public and other non-financial corporations, other sectors of the economy (households and non-profit institutions serving households).
10. The interest rate on new business of loans/deposits	The interest rate on new business of loans/deposits are calculated for each maturity, borrower and currency as a weighted average of interest rates in terms of primary loan/deposit agreements concluded during the reporting period and the volume of additional contracts, which was a change either in the amount or interest rate or the amount and interest rate year on year. Interest rates on outstanding loans/deposits reflect the aggregate reward including both a charge for usage of funds granted extended in the form of a nominal interest rate and commissions and fees paid to the bank, which are an integral part of financial instrument income/expenses (equivalent of effective interest rate). Calculation of interest rates is based on the data on all outstanding loans/deposits as of the reporting date and those redeemed during the reporting month. Interest rates on outstanding loans/deposits are calculated as a ratio of recognized interest income/expenses on loans/deposits to average loan/deposit balances in per cent per annum.
11. Transactions	Net financial flows for the period adjusted for the impact of non-operational effects (revaluations arising from changes in the prices of financial assets and/or the exchange
12. Net issues for the period	the exchange rates.

## Technical notes

1. Annual growth rates for the adjusted monthly data  $a_t$  i.e. change in 12-months in the reporting period is calculated from the monthly financial transactions and the outstanding amounts at the beginning of each month using of the following formula:

$$a_t = \left[ \prod_{i=0}^{11} \left( 1 + \frac{F_{t-i}^M}{L_{t-1-i}} \right) - 1 \right] \cdot 100,$$

where transactions for month  $F_t^M = (L_t - L_{t-1}) - E_t^M - V_t^M - C_t^M$ ,  $L_t$  – outstanding amounts at end of period  $t$ ,  $E_t^M$  – valuation changes affected by the exchange rates changes,  $V_t^M$  – valuation changes affected by price changes,  $C_t^M$  – other changes in the volume of assets.

2. Annual growth rates  $a_t$  are calculated from quarterly transactions and outstanding amounts as follows:

$$a_t = \left[ \prod_{i=t-3}^t \left( 1 + \frac{F_i}{L_{i-1}} \right) - 1 \right] \cdot 100,$$

where  $F_t$  – transactions during the quarter  $t$ ,  $L_t$  – outstanding amounts at end of the quarter  $t$ .

3. Annual growth rates  $a_t$  are calculated from net issues and outstanding amounts as follows:

$$a_t = \left[ \prod_{i=t-3}^t \left( 1 + \frac{N_i}{L_{i-1}} \right) - 1 \right] \cdot 100,$$

where  $N_t$  – net issues during the quarter  $t$ ,  $L_t$  – outstanding amounts at end of the quarter  $t$ .