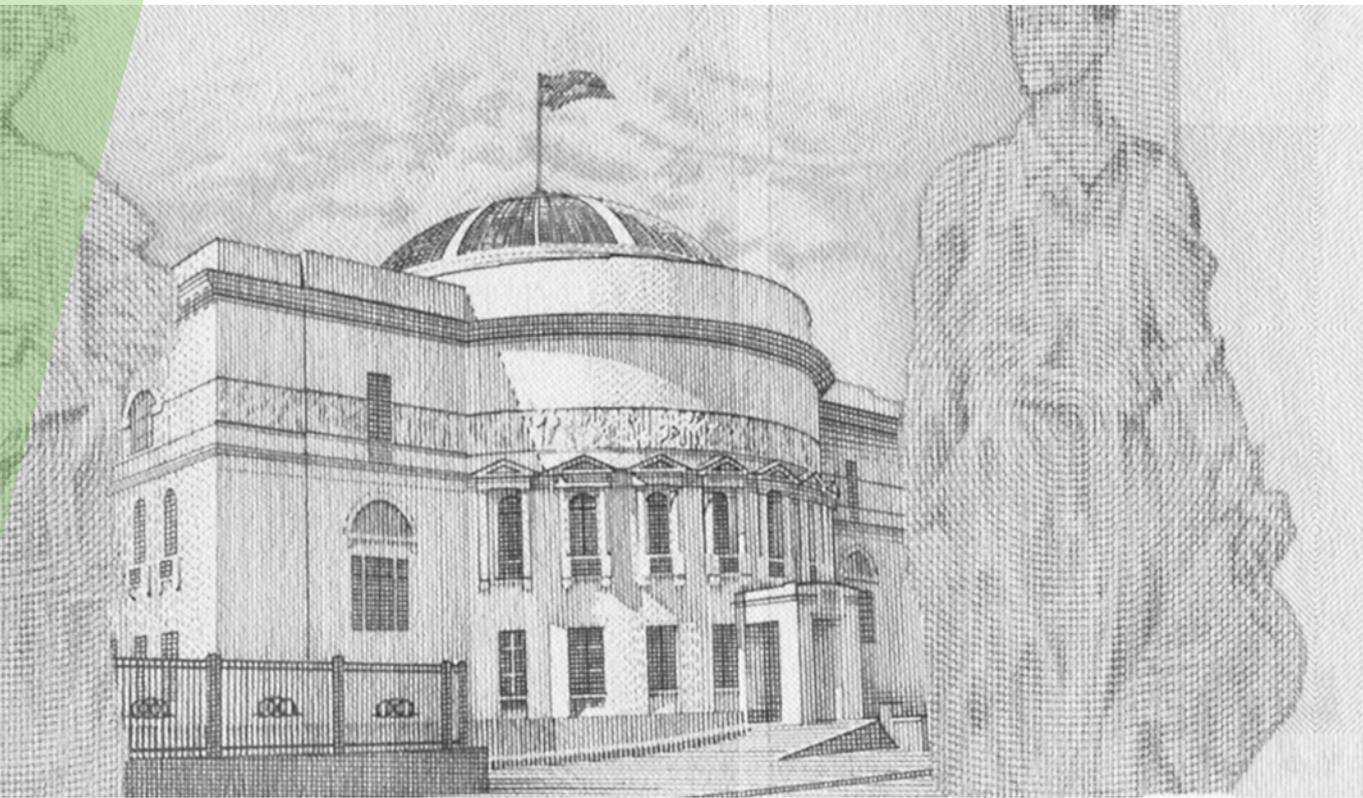




National Bank
of Ukraine

Monetary and Financial Statistics

August 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	2021			2022					
	12	1	2	3	4	5	6	7	8
NBU discount rate (end of period)	8.5	10.0	10.0	10.0	10.0	10.0	25.0	25.0	25.0
Average weighted interest rate on all instruments	9.5	10.5	11.0	11.0	11.0	11.0	25.9	27.0	27.0
of which									
loans granted through tender	9.5	10.6	11.0	11.0	11.0	11.0	27.0	27.0	27.0
overnight loans	9.5	10.2	11.0	11.0	11.0	11.0	19.9	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

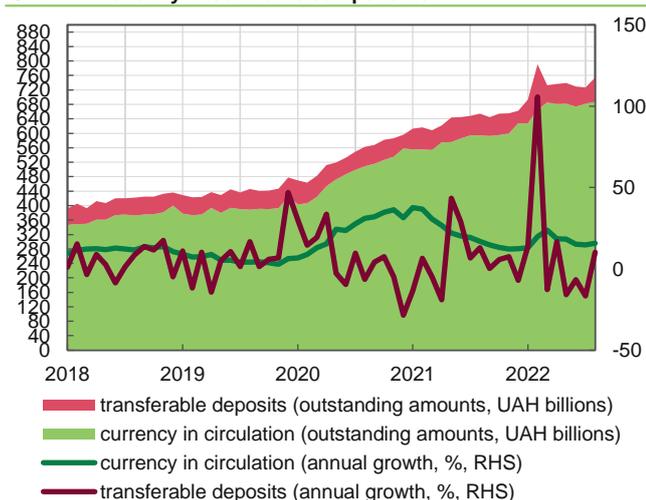
Table 3. Official exchange rate of hryvnia against US dollar and euro, hryvnias

	2021			2022					
	12	1	2	3	4	5	6	7	8
US Dollar									
period average	27.2135	27.9813	28.4137	29.2549	29.2549	29.2549	29.2549	31.8501	36.5686
end of period	27.2782	28.7839	29.2549	29.2549	29.2549	29.2549	29.2549	36.5686	36.5686
Euro									
period average	30.7832	31.6707	32.2692	32.8958	31.7699	30.8838	30.9520	32.1941	37.0878
end of period	30.9226	32.0293	33.1707	32.5856	30.6869	31.5031	30.7776	36.9965	36.6564

Table 4. Monetary base and its components

Components	2021			2022					
	August			July			August		
	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, %
Monetary base	654.73	6.31	16.4	726.89	-2.48	12.1	754.22	27.32	15.2
of which									
Currency in circulation	594.09	-0.50	16.8	682.00	8.55	14.7	687.36	5.36	15.7
Transferable deposits of other deposit-taking corporations	60.41	6.65	12.6	44.76	-11.04	-16.7	66.74	21.98	10.5
Transferable deposits of other sectors of economy	0.23	0.15	-	0.13	0.02	-	0.11	-0.02	-50.5

Chart 1. Monetary base and its components



Surveys of financial corporations

Table 5. Deposit-taking corporations survey¹

Components	2021			2022			2022		
	August			July			August		
	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) Monetary aggregate M3	1 901.29	-21.25	14.2	2 252.66	-9.11	9.8	2 263.34	12.20	11.6
(2) Other items (net) (3 + 4 – 1)	644.62	6.42	–	850.73	70.68	–	880.51	15.71	–
(3) Domestic credit (3.1 + 3.2)	1 814.93	-10.45	5.7	2 242.34	21.39	17.4	2 190.57	-60.90	14.9
(3.1) Net claims on the central government	792.70	-38.87	–	1 154.15	33.11	–	1 109.51	-54.51	–
(3.2) Claims on other sectors of economy	1 022.22	28.42	-0.6	1 088.19	-11.72	2.2	1 081.05	-6.39	-1.2
Other financial corporations	13.63	0.57	21.0	13.88	-0.41	1.2	13.16	-0.71	-8.0
State and local government	10.67	0.76	33.4	14.25	-0.36	43.7	13.93	-0.39	29.8
Non-financial corporations	759.13	21.29	-3.1	808.56	-6.55	0.7	805.64	-2.12	-2.4
Households and NPISH	238.80	5.80	5.8	251.50	-4.40	5.2	248.32	-3.17	1.4
(4) Net foreign assets	730.98	-4.39	–	861.04	40.18	–	953.28	88.81	–

Table 6. Monetary aggregates and counterparts items of deposit-taking corporations survey¹

Components	2021			2022			2022		
	August			July			August		
	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, %
Components M3									
(1) M3 (1.6 + 1.7)	1 901.29	-21.25	14.2	2 252.66	-9.11	9.8	2 263.34	12.20	11.6
(1.1) Currency in circulation outside deposit-taking corporations	544.38	-4.89	15.7	643.10	13.56	17.1	640.18	-2.92	17.6
(1.2) Transferable deposits in national currency	563.13	-11.05	28.5	734.63	-30.81	27.9	753.84	19.21	33.9
(1.3) M1 (1.1 + 1.2)	1 107.51	-15.94	21.9	1 377.73	-17.25	22.6	1 394.02	16.30	25.9
(1.4) Transferable deposits in foreign currency	308.41	-6.50	13.3	451.60	4.08	10.7	447.12	-3.17	12.3
(1.5) Other deposits	483.10	1.27	0.6	421.61	4.11	-20.2	420.77	-0.63	-20.5
(1.6) M2 (1.3 + 1.4 + 1.5)	1 899.02	-21.17	14.2	2 250.94	-9.06	9.8	2 261.91	12.49	11.7
(1.7) Debt securities	2.26	-0.08	-16.4	1.72	-0.04	-44.6	1.43	-0.29	-52.2
Counterparts									
Liabilities									
(2) Liabilities excluded from M3	15.18	2.01	35.8	5.52	0.04	-60.0	5.60	0.09	-64.7
(3) Equity	420.94	5.90	6.2	641.88	62.00	25.6	653.14	-1.62	23.5
(4) Other items (net)	208.50	-1.49	–	203.32	8.64	–	221.76	17.24	–
Assets									
(5) Domestic credit	1 814.93	-10.45	5.7	2 242.34	21.39	17.4	2 190.57	-60.90	14.9
(5.1) Net claims on central government	792.70	-38.87	–	1 154.15	33.11	–	1 109.51	-54.51	–
Claims	914.39	1.19	11.2	1 250.06	51.61	33.0	1 273.08	13.33	34.2
Minus: liabilities	121.69	40.06	-9.5	95.91	18.50	4.6	163.57	67.84	19.9
(5.2) Claims on other sectors of economy	1 022.22	28.42	-0.6	1 088.19	-11.72	2.2	1 081.05	-6.39	-1.2
among them:									
Loans	1 004.03	28.10	-0.4	1 072.48	-12.04	2.5	1 065.43	-6.26	-1.0
Debt securities	10.48	0.04	-13.7	8.16	-0.01	-21.4	8.15	-0.07	-22.4
Equity	0.40	0.01	-1.9	0.58	0.00	47.6	0.58	0.00	45.5
(6) Net foreign assets	730.98	-4.39	–	861.04	40.18	–	953.28	88.81	–

¹ National Bank of Ukraine and other deposit-taking corporations

Table 7. Components M3 by sectors of the economy

Components	2021			2022						
	August			July			August			
	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, %	
Transferable deposits										
in national currency	563.13	-11.05	28.5	734.63	-30.81	27.9	753.84	19.21	33.9	
Other financial corporations	21.04	1.64	63.8	18.66	0.17	-3.8	21.27	2.61	1.1	
Non-financial corporations	265.52	-6.20	30.9	297.53	-30.40	9.5	306.60	9.07	15.5	
Households and NPISH	276.57	-6.49	24.2	418.44	-0.58	47.8	425.97	7.53	54.0	
M2 - M1	791.51	-5.23	5.3	873.21	8.18	-7.8	867.89	-3.80	-7.6	
Other financial corporations	21.32	-0.49	-3.2	29.35	0.79	22.3	28.66	-0.66	22.3	
Non-financial corporations	292.56	-8.14	6.7	308.57	8.89	-13.7	299.60	-8.17	-13.7	
Households and NPISH	477.63	3.40	4.8	535.30	-1.50	-5.4	539.63	5.03	-5.2	
M3 - M2	2.26	-0.08	-16.4	1.72	-0.04	-44.6	1.43	-0.29	-52.2	
Other financial corporations	0.31	-0.00	–	0.12	-0.00	-63.3	0.02	-0.10	–	
Non-financial corporations	0.00	0.00	–	0.00	0.00	-62.9	0.00	0.00	3.8	
Households and NPISH	1.94	-0.08	-24.8	1.60	-0.04	-41.6	1.41	-0.19	-46.5	

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

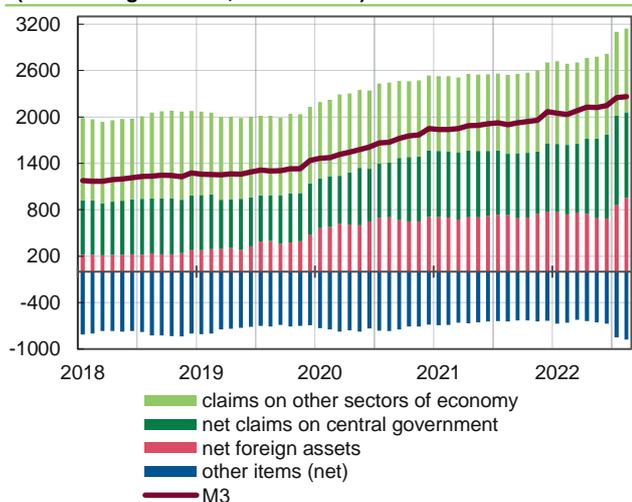
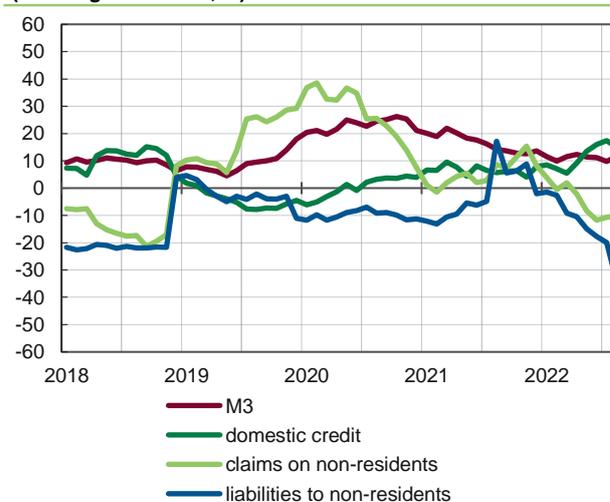


Chart 3. Monetary aggregate M3 and counterpart items (annual growth rates, %)



Loans and deposits

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

Components	2021			2022			2022		
	August		annual growth rates, %	July		annual growth rates, %	August		annual growth rates, %
	outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions		outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions		outstanding amounts at end of period, UAH billions	trans-actions for period, UAH billions	
Loans									
Non-financial corporations	749.21	21.17	-3.1	802.46	-7.06	1.2	799.71	-1.97	-1.9
hryvnia	472.67	15.49	12.4	526.93	-2.15	15.6	527.20	0.34	11.9
US dollar	204.93	3.75	-22.2	199.22	-6.27	-27.3	196.89	-2.33	-29.5
euro	71.57	1.93	-17.0	76.27	1.36	-6.0	75.58	0.01	-8.5
Households	236.76	5.66	5.9	249.35	-4.30	5.2	246.16	-3.18	1.4
hryvnia	212.54	7.64	17.1	199.13	-3.90	9.2	196.59	-3.04	3.7
US dollar	22.25	-1.91	-42.0	36.45	-0.38	-27.8	36.27	-0.12	-21.9
euro	0.99	-0.03	-35.7	30.15	-0.02	-11.6	29.80	-0.00	-8.9
Deposits									
Non-financial corporations	558.09	-14.34	16.8	606.10	-21.51	-2.7	606.20	0.89	-0.1
hryvnia	374.39	-4.27	28.3	378.18	-26.52	-0.1	384.99	6.81	2.8
US dollar	114.76	-15.06	-10.3	140.02	7.90	-20.0	135.65	-4.38	-12.3
euro	65.31	4.18	20.4	84.04	-2.78	17.6	81.67	-1.62	8.0
Households	739.63	-3.19	11.0	928.85	-2.77	13.1	940.25	12.05	15.1
hryvnia	455.64	-5.85	16.9	578.99	-1.37	25.5	587.08	8.09	28.8
US dollar	228.44	1.62	0.5	281.52	-1.75	-8.9	284.64	3.12	-8.6
euro	53.76	0.95	15.3	66.30	0.33	7.4	66.49	0.81	6.8

Chart 6. Loans

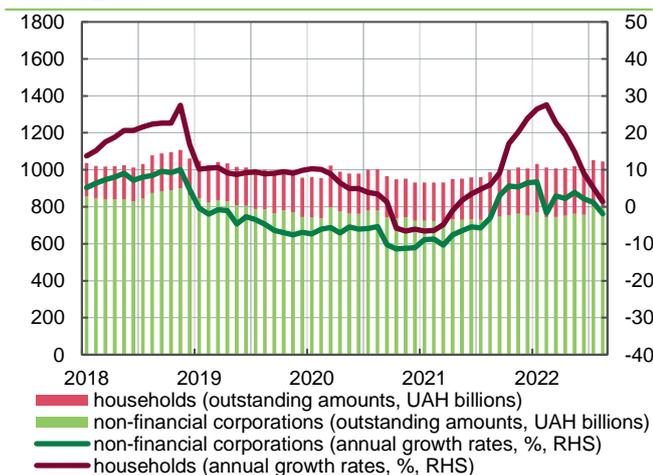


Chart 7. Deposits

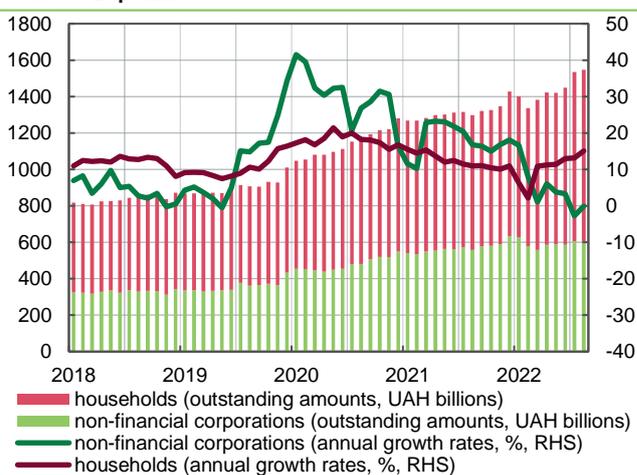


Chart 8. Loans (annual growth rates, %)

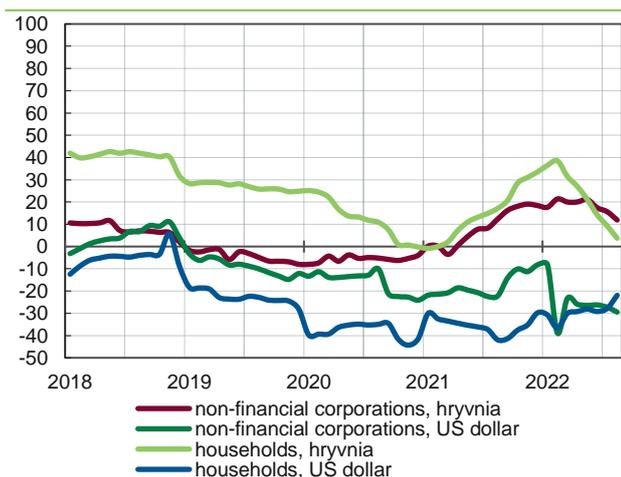


Chart 9. Deposits (annual growth rates, %)

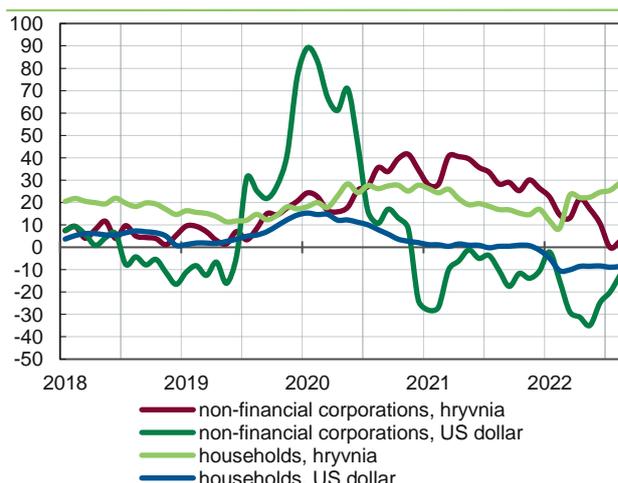


Table 10. Loans and deposits of non-financial corporations and households, by original maturities

Components	2021			2022					
	August			July			August		
	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, %
Loans									
Non-financial corporations	749.21	21.17	-3.1	802.46	-7.06	1.2	799.71	-1.97	-1.9
up to 1 year	397.45	14.50	4.6	450.98	-3.28	10.4	452.24	1.43	6.7
over 1 year and up to 5 years	249.98	6.44	0.9	248.68	-1.68	-8.3	245.23	-3.15	-11.8
over 5 years	101.77	0.23	-29.7	102.80	-2.10	-10.6	102.24	-0.25	-11.0
Households	236.76	5.66	5.9	249.35	-4.30	5.2	246.16	-3.18	1.4
up to 1 year	112.66	4.75	13.5	115.35	0.81	6.8	114.80	-0.55	1.8
over 1 year and up to 5 years	74.79	1.99	15.0	77.26	-3.06	5.5	75.39	-1.86	0.2
over 5 years	49.31	-1.07	-16.4	56.75	-2.05	1.0	55.96	-0.77	1.8
Deposits									
Non-financial corporations	558.09	-14.34	16.8	606.10	-21.51	-2.7	606.20	0.89	-0.1
on demand	396.69	-15.33	18.6	475.67	-29.41	5.3	481.84	6.89	11.0
up to 1 year	129.19	4.64	12.6	98.13	7.82	-25.7	94.33	-3.75	-31.1
over 1 year and up to 2 years	21.68	-5.43	8.4	27.59	1.47	-4.0	25.85	-1.74	12.5
over 2 years	10.52	1.78	18.8	4.71	-1.38	-53.8	4.19	-0.51	-65.8
Households	739.63	-3.19	11.0	928.85	-2.77	13.1	940.25	12.05	15.1
on demand	415.15	-0.17	29.7	632.88	-0.06	38.4	641.32	8.97	40.4
up to 1 year	215.18	-2.22	-8.8	188.00	0.32	-21.9	193.92	5.99	-18.6
over 1 year and up to 2 years	99.28	-1.04	-3.4	96.84	-2.73	-12.9	93.95	-2.86	-14.6
over 2 years	10.02	0.24	39.3	11.13	-0.30	-11.4	11.07	-0.06	-14.0

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

Components	2021			2022					
	August			July			August		
	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, %
Total	236.76	5.66	5.9	249.35	-4.30	5.2	246.16	-3.18	1.4
consumer loans	198.68	5.61	9.1	207.48	-6.34	6.2	204.89	-2.58	1.9
hryvnia	189.39	6.78	14.8	198.60	-5.96	8.8	196.06	-2.54	3.5
US dollar	8.65	-1.14	-45.0	8.26	-0.28	-38.0	8.24	-0.03	-30.1
euro	0.34	-0.01	-43.8	0.31	-0.10	-25.4	0.30	-0.01	-23.7
lending for house purchase	28.28	-0.27	-19.5	29.88	2.47	-8.2	29.50	-0.37	-8.5
hryvnia	14.02	0.55	28.8	15.86	2.47	17.7	15.57	-0.29	11.0
US dollar	13.08	-0.77	-41.3	12.97	-0.08	-31.2	12.90	-0.08	-27.6
euro	0.52	-0.02	-33.4	0.53	0.08	-15.1	0.53	0.00	-11.2
other loans	9.79	0.32	61.6	12.00	-0.44	24.7	11.76	-0.23	18.3

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

Components	2021			2022					
	August			July			August		
	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, %
Total	236.76	5.66	5.9	249.35	-4.30	5.2	246.16	-3.18	1.4
consumer loans	198.68	5.61	9.1	207.48	-6.34	6.2	204.89	-2.58	1.9
up to 1 year	109.98	4.72	13.7	113.75	1.19	8.0	113.28	-0.47	3.0
over 1 year and up to 5 years	66.40	1.67	11.8	65.80	-2.92	1.3	64.12	-1.68	-3.8
over 5 years	22.30	-0.78	-14.1	27.93	-4.60	11.3	27.49	-0.43	13.4
lending for house purchase	28.28	-0.27	-19.5	29.88	2.47	-8.2	29.50	-0.37	-8.5
up to 1 year	0.30	0.00	-56.7	0.17	-0.08	-59.9	0.17	0.00	-59.7
over 1 year and up to 5 years	1.39	0.02	-18.4	1.37	0.01	-9.6	1.32	-0.05	-13.9
over 5 years	26.60	-0.29	-18.7	28.34	2.54	-7.6	28.01	-0.32	-7.6
other loans	9.79	0.32	61.6	12.00	-0.44	24.7	11.76	-0.23	18.3

Interest rates

Table 13. Interest rates on loans¹ and deposits in August 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
New business on loans	16.25	1.03	186.7	22.12	1.15	36.9
hryvnia	19.86	2.15	141.7	22.16	1.18	36.8
US dollar	5.21	0.39	34.9	6.66	-3.09	0.07
euro	3.96	0.34	10.2	10.85	5.31	0.01
Outstanding amounts of loans	12.72	-0.60	799.7	29.86	1.30	249.4
hryvnia	17.22	-0.05	527.2	30.65	1.46	199.1
US dollar	7.05	-0.38	196.9	11.38	-0.66	36.5
euro	5.93	-0.75	75.6	5.21	-0.15	30.2
New business on deposits	7.62	0.19	285.6	5.56	-0.75	61.7
hryvnia	7.92	0.30	271.8	8.05	-0.06	40.4
US dollar	2.12	0.15	10.6	0.90	-0.01	18.9
euro	0.79	0.00	3.2	0.51	-0.16	2.4
Outstanding amounts of deposits	7.25	0.65	606.2	4.40	-0.05	940.3
hryvnia	9.04	1.11	385.0	7.08	0.31	587.1
US dollar	1.04	-0.03	135.6	0.83	-0.07	284.6
euro	0.40	-0.04	81.7	0.30	-0.02	66.5

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

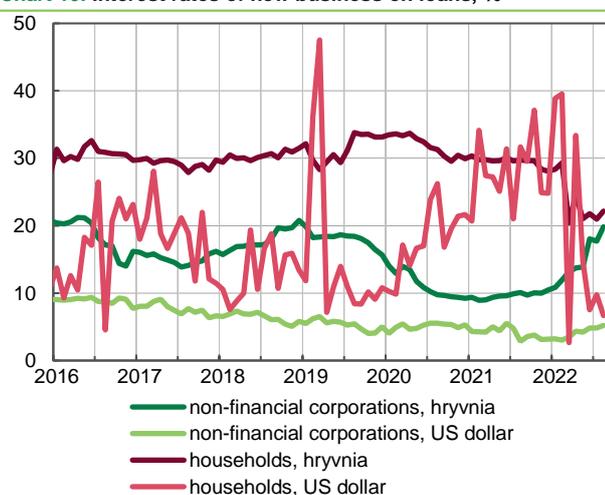


Chart 11. Interest rates of new business on deposits, %

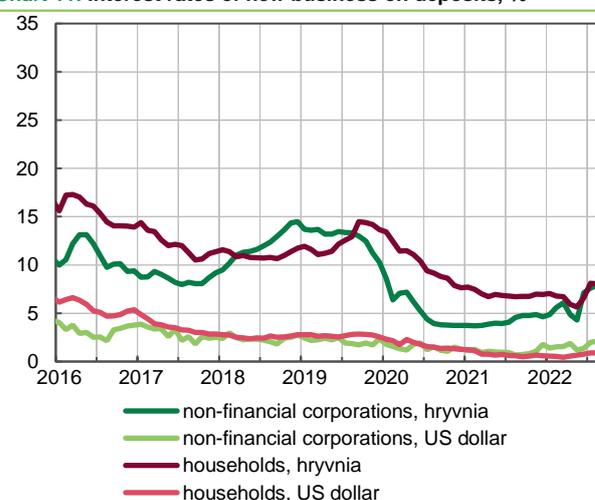


Chart 12. Interest rates on outstanding amounts of loans, %

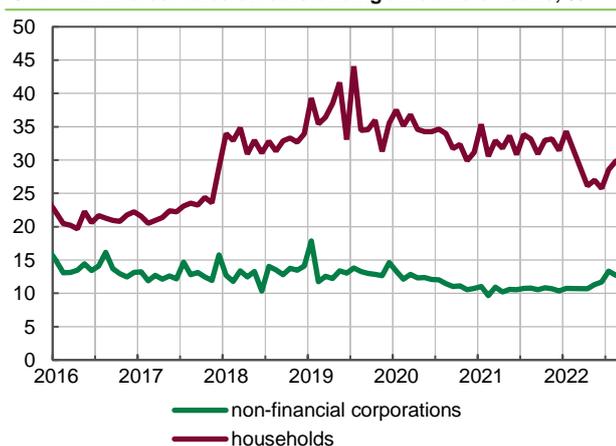
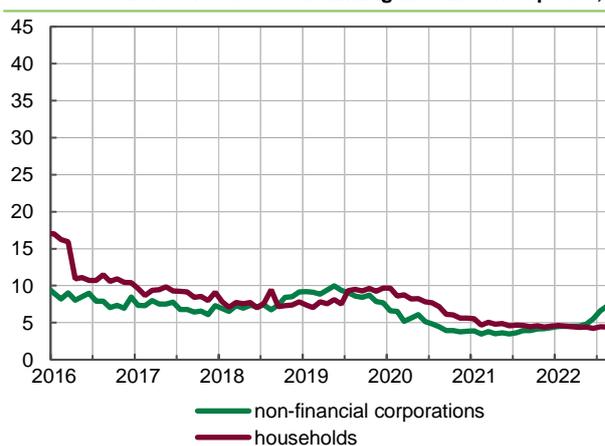


Chart 13. Interest rates on outstanding amounts of deposits, %

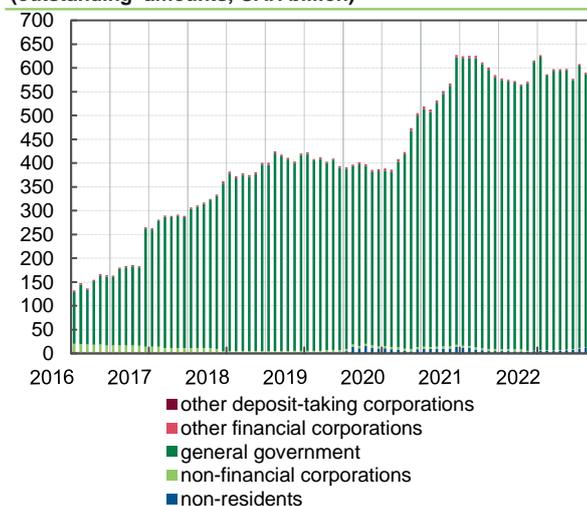
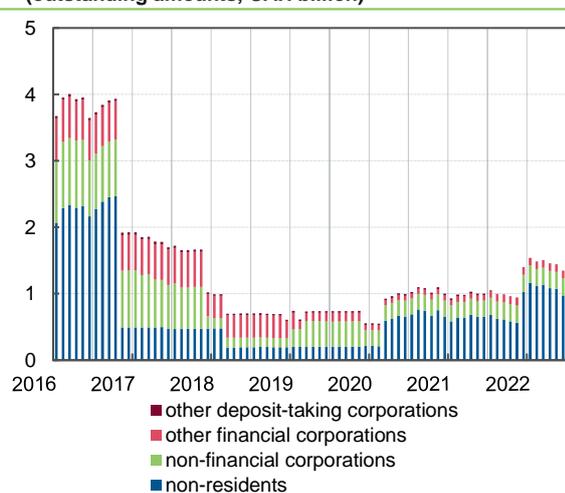
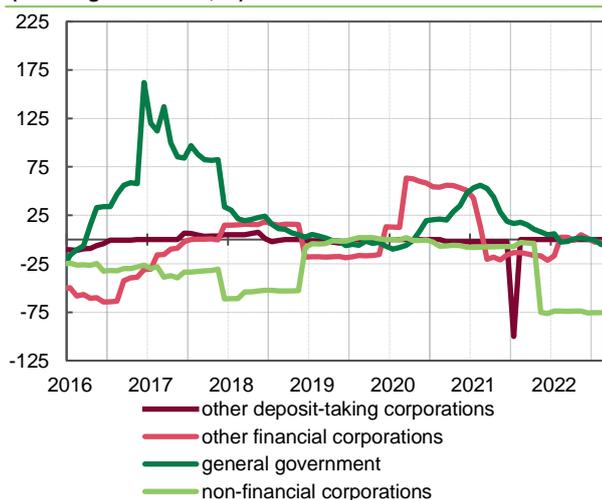
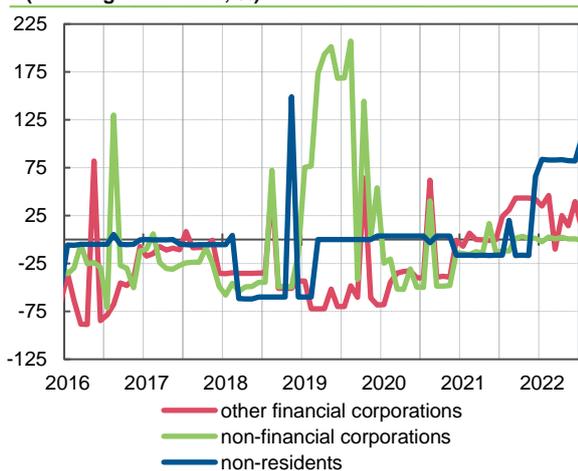


¹ Including overdraft, loans with original maturity up to 1 year, over 1 year and up to 5 years, over 5 years

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					
	August			July			August		
	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, %
Debt securities	575.52	-0.20	15.9	607.94	-9.48	-0.5	590.28	-27.34	-5.0
residents	570.86	-0.20	17.1	598.04	-9.73	-1.0	578.89	-28.84	-5.8
National bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	–	–	–	–	–	–	–	–	–
Other financial corporations	3.28	0.03	-13.6	3.15	-0.07	-2.7	3.18	0.03	-2.6
General government	563.15	-0.24	17.8	593.84	-9.67	-0.4	574.66	-28.88	-5.2
Non-financial corporations	4.43	0.01	-2.8	1.05	0.01	-75.5	1.05	0.01	-75.4
Households and NPISH	–	–	–	–	–	–	–	–	–
non-residents	4.66	0.00	-49.35	9.91	0.25	59.7	11.39	1.50	83.9
Equity	0.99	-0.00	9.9	1.97	0.12	64.1	1.77	-0.12	-20.5
residents	0.37	-0.00	-8.5	0.37	-0.00	1.4	0.37	–	2.0
Other deposit-taking corporations	0.00	-0.01	-100.0	–	–	–	–	–	–
Other financial corporations	0.11	0.01	31.1	0.11	-0.00	12.3	0.12	–	8.7
Non-financial corporations	0.26	–	-12.1	0.26	-0.00	-0.5	0.26	–	-0.7
non-residents	0.62	-0.00	19.9	1.60	0.12	105.1	1.40	-0.12	-31.0

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 ¹			II quarter 2022 ¹		
	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, %
Total	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

¹ Excluding promissory notes issued by non-financial corporations.

Chart 18. Dynamics of debt securities issued by resident sectors

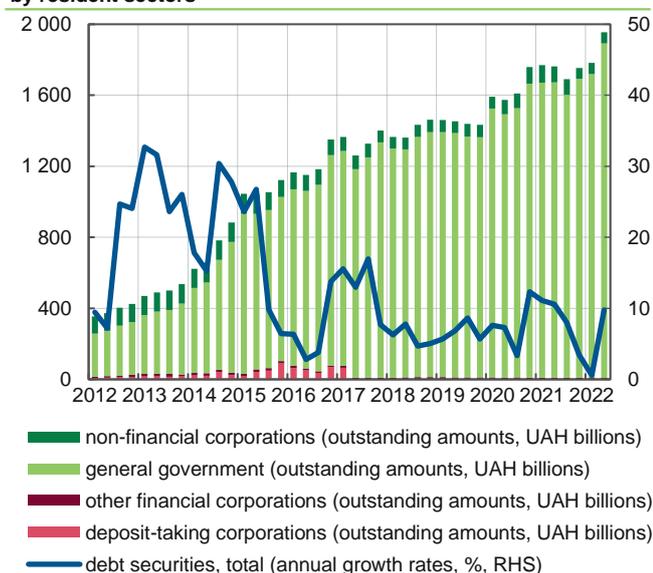
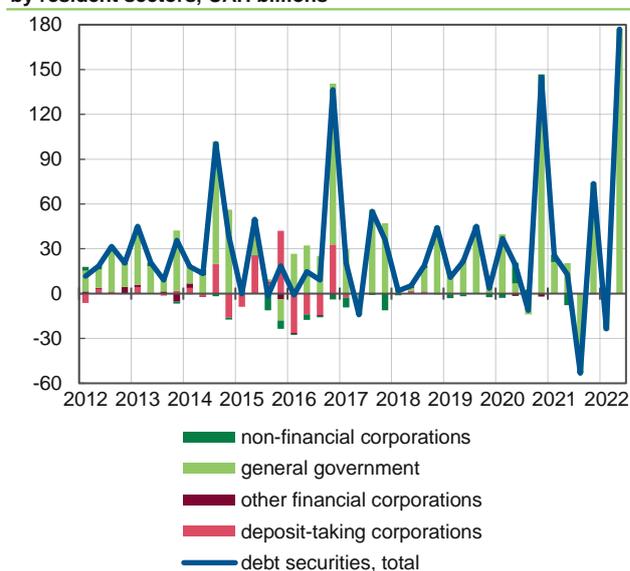


Chart 19. Net issues of debt securities issued by resident sectors, UAH billions



Financial Soundness Indicators

Table 16. Financial Soundness Indicators

Components	2022				
	March	April	May	June	July
Core Financial Soundness Indicators					
I1 Regulatory capital to risk-weighted assets	...	...	16.65	17.16	17.11
I2 Regulatory Tier 1 capital to risk-weighted assets	...	...	11.40	11.40	11.52
I3 Nonperforming loans net of provisions to capital	12.40	13.26	12.90	18.92	17.22
I4 Nonperforming loans to total gross loans	27.06	27.35	27.64	29.71	30.02
I5 Sectoral distribution of loans to total loans					
Residents	97.61	97.74	97.16	96.78	96.18
Deposit-takers	0.28	0.26	0.17	0.10	0.09
Central bank					
Other financial corporations	1.08	0.94	0.90	0.88	0.87
General government	2.50	2.50	2.46	2.44	2.52
Nonfinancial corporations	69.27	69.87	70.03	70.20	70.69
Households and NPISH	24.48	24.17	23.59	23.15	22.01
Nonresidents	2.39	2.26	2.84	3.22	3.82
I6 Return on assets	-0.02	-1.16	-0.05	-0.41	0.53
I7 Return on equity	-0.21	-9.90	-0.45	-3.68	4.68
I8 Interest margin to gross income	56.85	61.29	58.09	55.14	50.73
I9 Noninterest expenses to gross income	63.19	65.23	59.34	55.32	49.11
I10 Liquid assets to total assets	...	...	69.55	70.62	70.97
I11 Liquid assets to short-term liabilities	...	...	85.35	85.90	87.21
I12 Net open position in foreign exchange to capital	...	...	35.09	34.36	46.62
Encouraged Financial Soundness Indicators					
I13 Capital to assets	10.61	10.07	10.39	10.09	10.97
I14 Large exposures to capital	...	...	82.66	78.20	100.59
I15 Geographical distribution of loans to total loans					
Domestic economy	97.61	97.74	97.16	96.78	96.18
Advanced economies, excluding China	2.37	2.20	2.82	3.13	3.00
Other emerging market and developing countries, including China	0.02	0.06	0.02	0.09	0.73
I16 Gross asset position in financial derivatives to capital	0.75	0.81	0.73	2.35	1.87
I17 Gross liability position in financial derivatives to capital	0.18	0.12	0.17	0.15	0.71
I18 Trading income to total income	3.75	-0.52	4.93	9.99	17.57
I19 Personnel expenses to noninterest expenses	38.23	38.01	37.76	37.47	36.98
I20 Spread between reference lending and deposit rates (basis points)	766	962	956	998	843
I21 Spread between highest and lowest interbank rates (basis points)			0	2 248	2 285
I22 Customer deposits to total (noninterbank) loans	136.80	140.78	139.44	146.52	148.65
I23 Foreign-currency-denominated loans to total loans	28.51	27.69	27.34	27.39	31.68
I24 Foreign-currency-denominated liabilities to total liabilities	32.44	31.67	32.05	33.62	39.42
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	2.70	2.69	2.64	2.28	2.63
I40 Commercial real estate loans to total gross loans	1.68	1.66	1.59	1.24	1.54

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 .