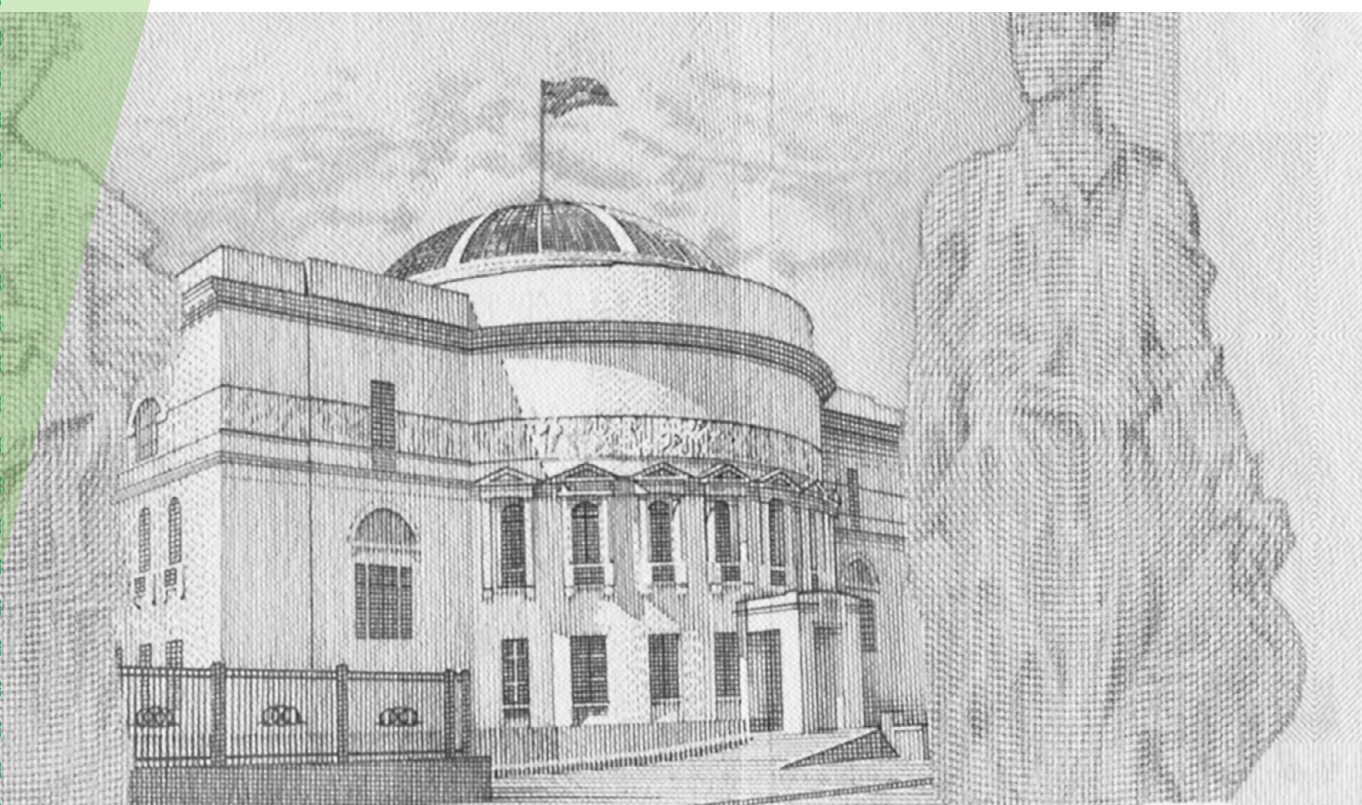




National Bank
of Ukraine

Monetary and Financial Statistics

December 2019



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://www.bank.gov.ua/statistic/sector-financial>

Note: From December 2017 banks of Ukraine perform a transition to the new Chart of Accounts approved by the Resolution of the Board of the National Bank of Ukraine No. 89 (as amended) of 11 September 2017 and the implementation of IFRS 9. In this issue data from January 2018 are calculated on the basis of statistical reporting by banks in accordance with the new Chart of Accounts and the Rules of Organization of Statistical Reporting Submitted to the National Bank of Ukraine, approved by the Resolution of the Board of the National Bank of Ukraine No. 120 (as amended) of 13 November 2018. Data can be amended in the next issues.

Contents

National Bank of Ukraine monetary policy indicators	4
Table 1. Interest rate on refinancing	4
Table 2. Reserve requirements	4
Table 3. Official exchange rate of hryvnia against US dollar and euro	4
Table 4. Monetary base and its components	4
Surveys of financial corporations	5
Table 5. Deposit-taking corporations survey	5
Table 6. Monetary aggregates and counterparts items of deposit-taking corporations survey	5
Table 7. Components M3 by sectors of the economy	6
Table 8. Financial corporations survey	7
Loans and deposits	8
Table 9. Loans and deposits of non-financial corporations and households, by currencies	8
Table 10. Loans and deposits of non-financial corporations and households, by original maturities	9
Table 11. Loans to households with regard to the purpose, by currencies	9
Table 12. Loans to households regard by the purpose, by original maturities	9
Interest rates	10
Table 13. Interest rates on loans and deposits	10
Securities held by deposit-taking corporations	11
Table 14. Securities held by deposit-taking corporations (excluding National Bank of Ukraine) by sectors of the economy	11
Securities other than shares issued by resident sectors	12
Table 15. Securities other than shares issued by resident sectors	12
Financial Soundness Indicators	13
Table 16. Financial Soundness Indicators	13
Glossary	14
Technical notes	15

National Bank of Ukraine monetary policy indicators

Table 1. Interest rate on refinancing

Components	2019									
	4	5	6	7	8	9	10	11	12	
NBU discount rate (end of period)	17.5	17.5	17.5	17.0	17.0	16.5	15.5	15.5	13.5	
Average weighted interest rate on all instruments	17.9	18.9	17.5	17.7	17.3	17.3	16.0	15.5	14.5	
of wich										
loans granted through tender	17.5	17.5	17.5	17.5	17.0	16.5	16.0	17.5	14.5	
overnight loans	19.5	19.5	19.5	19.0	19.0	18.5	18.5	15.5	–	

Table 2. Reserve requirements, %

Validity	time deposits	current accounts and demand deposits
з 31.12.2014	3	6.5

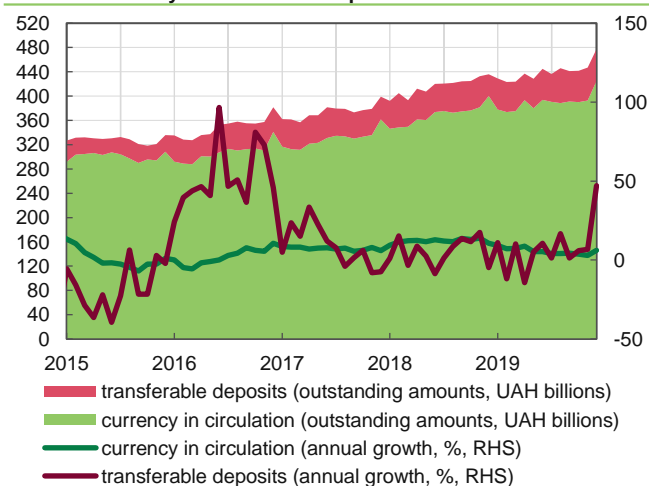
Table 3. Official exchange rate of hryvnia against US dollar and euro, hryvnias

	2019									
	4	5	6	7	8	9	10	11	12	
US Dollar										
period average	26.8115	26.3788	26.5001	25.7514	25.2470	24.7697	24.8082	24.3675	23.6094	
end of period	26.6193	26.8726	26.1664	25.0855	25.2323	24.0828	24.9954	24.0356	23.6862	
Euro										
period average	30.1146	29.5037	29.8908	28.9135	28.0861	27.2766	27.4011	26.9584	26.2069	
end of period	29.6087	29.9199	29.7302	27.9804	27.9372	26.3346	27.7599	26.4512	26.4220	

Table 4. Monetary base and its components

Components	2018			2019					
	December			November			December		
	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 UAH billions	annual growth rates, %
Monetary base	435.80	3.27	9.2	446.72	4.87	3.3	477.49	30.77	9.6
of wich									
Currency in circulation	400.12	18.38	10.7	392.49	2.35	2.8	425.04	32.55	6.2
Transferable deposits of other deposit-taking corporations	35.65	-15.10	-4.9	54.11	2.43	6.6	52.43	-1.68	47.1
Transferable deposits of other sectors of economy	0.03	-0.01	27.0	0.11	0.08	–	0.02	-0.10	-42.4

Chart 1. Monetary base and its components



Surveys of financial corporations

Table 5. Deposit-taking corporations survey¹

Components	2018			2019			2019		
	December			November			December		
	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	1 277.64	57.97	6.4	1 332.03	16.45	14.0	1 438.31	110.73	17.9
(2) Other items (net) (3 + 4 – 1)	801.19	-29.65	–	702.95	10.52	–	691.36	-7.84	–
(3) Domestic credit (3.1 + 3.2)	1 802.31	-10.97	4.3	1 641.44	-2.54	-5.8	1 649.00	11.65	-4.6
(3.1) Net claims on the central government	711.22	25.41	–	623.68	-7.44	–	659.50	35.64	–
(3.2) Claims on other sectors of economy	1 091.08	-36.38	6.6	1 017.76	4.90	-4.2	989.50	-23.98	-3.4
Other financial corporations	12.11	0.41	-18.0	13.20	1.85	15.5	13.90	0.36	14.6
State and local government	3.00	0.37	202.5	4.80	0.57	81.0	5.72	0.92	89.2
Non-financial corporations	872.86	-31.46	4.8	779.83	0.08	-7.9	755.31	-20.52	-7.1
Households ²	203.12	-5.70	16.8	219.93	2.39	9.1	214.57	-4.74	9.8
(4) Net foreign assets	276.52	39.29	–	393.53	29.51	–	480.67	91.24	–

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

Components	2018			2019			2019		
	December			November			December		
	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)	1 277.64	57.97	6.4	1 332.03	16.45	14.0	1 438.31	110.73	17.9
(1.1) Currency in circulation outside deposit-taking corporations	363.63	12.12	9.3	359.34	1.88	2.2	384.37	25.03	5.7
(1.2) Transferable deposits in national currency	307.66	34.94	14.3	338.20	6.39	24.0	385.68	47.48	25.4
(1.3) M1 (1.1 + 1.2)	671.28	47.05	11.6	697.53	8.27	11.7	770.04	72.51	14.7
(1.4) Transferable deposits in foreign currency	149.52	-0.70	-1.6	184.61	7.00	42.4	208.19	25.43	62.8
(1.5) Other deposits	452.97	11.55	1.4	446.86	1.12	8.3	456.99	12.69	8.6
(1.6) M2 (1.3 + 1.4 + 1.5)	1 273.77	57.91	6.1	1 329.00	16.40	14.1	1 435.22	110.63	18.0
(1.7) Securities other than shares	3.86	0.07	–	3.03	0.05	-8.7	3.09	0.10	-7.3
Counterparts									
Liabilities									
(2) Liabilities excluded from M3	0.40	-12.23	23.3	7.89	-0.28	-36.6	0.62	-7.27	58.8
(3) Shares and other equity	382.35	6.07	-2.0	355.02	10.21	3.7	354.40	1.60	2.5
(4) Other items (net)	418.45	-23.49	–	340.04	0.59	–	336.34	-2.17	–
Assets									
(5) Domestic credit	1 802.31	-10.97	4.3	1 641.44	-2.54	-5.8	1 649.00	11.65	-4.6
(5.1) Net claims on central government	711.22	25.41	–	623.68	-7.44	–	659.50	35.64	–
Claims	784.60	14.99	0.1	718.78	-13.19	-4.7	722.60	3.90	-6.0
Minus: liabilities	73.38	-10.41	-8.2	95.10	-5.75	23.6	63.10	-31.74	-6.2
(5.2) Claims on other sectors of economy	1 091.08	-36.38	6.6	1 017.76	4.90	-4.2	989.50	-23.98	-3.4
among them:									
Loans	1 072.49	-34.01	6.7	999.25	3.57	-4.1	971.36	-23.27	-3.4
Securities other than shares	7.58	-0.62	-11.8	9.28	1.19	11.4	10.03	0.37	25.2
Shares and other equity	0.46	-0.09	-14.4	0.64	0.00	9.8	0.52	-0.13	4.9
(6) Net foreign assets	276.52	39.29	–	393.53	29.51	–	480.67	91.24	–

¹ National Bank of Ukraine and other deposit-taking corporations² Households and non-profit institutions serving households

Table 7. Components M3 by sectors of the economy

Components	2018			2019			2019		
	December			November			December		
	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	307.66	34.94	14.3	338.20	6.39	24.0	385.68	47.48	25.4
Other financial corporations	8.43	0.80	-0.7	9.86	0.99	29.3	9.61	-0.25	14.0
Non-financial corporations	151.60	24.34	9.4	159.75	-1.61	25.5	199.82	40.07	31.8
Households ¹	147.62	9.80	21.0	168.58	7.01	22.3	176.25	7.67	19.4
M2 - M1	602.49	10.85	0.6	631.47	8.12	16.8	665.18	38.12	21.6
Other financial corporations	19.99	0.85	0.1	21.15	0.20	15.1	21.85	0.76	14.3
Non-financial corporations	190.90	8.69	-5.4	205.78	1.07	24.5	233.91	29.57	36.0
Households ¹	391.59	1.31	3.9	404.54	6.85	13.3	409.42	7.79	15.1
M3 - M2	3.86	0.07	-	3.03	0.05	-8.7	3.09	0.10	-7.3
Other financial corporations	0.14	0.01	-	0.10	-0.03	-16.8	0.15	0.05	7.5
Non-financial corporations	0.04	0.04	-18.9	0.04	0.02	-	0.00	-0.04	-99.3
Households ¹	3.68	0.01	-	2.89	0.07	-9.6	2.94	0.09	-7.0

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

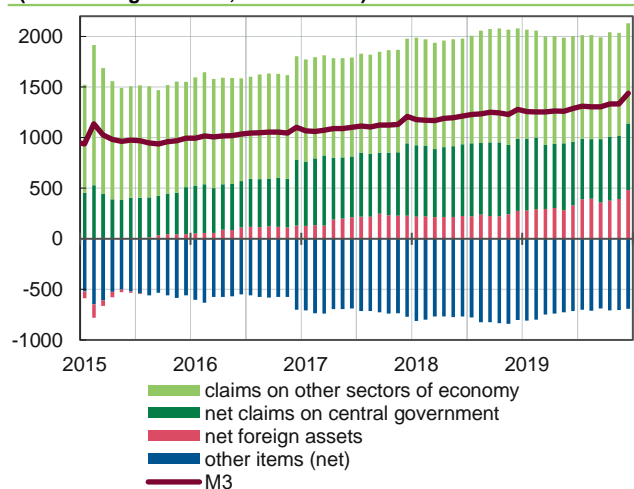


Chart 3. Monetary aggregate M3 and counterpart items (annual growth rates, %)

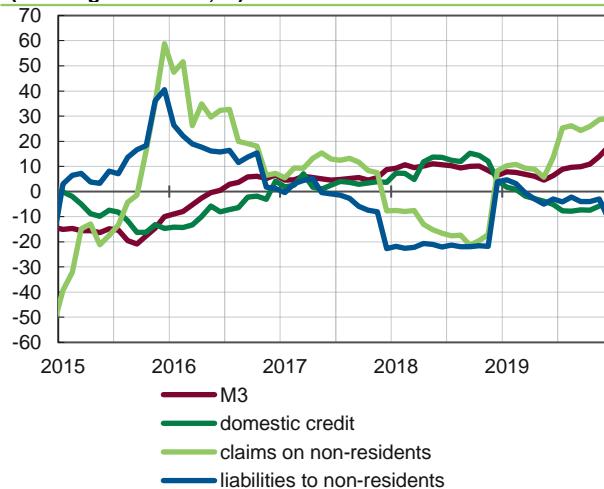
¹ Households and non-profit institutions serving households

Table 8. Financial corporations survey

Components	III quarter 2018			II quarter 2019			III quarter 2019		
	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) Net foreign assets	197.05	-11.62	-	310.12	41.79	-	342.93	54.82
(2) Domestic credit ²	2 060.84	49.14	14.6	1 933.90	-1.73	-2.7	1 900.66	2.51	-5.0
(2.1) Net claims on central government	735.59	6.91	-	643.12	1.18	-	635.95	-3.32	-
Claims	794.31	4.52	5.7	755.73	-17.74	-3.2	754.80	10.03	-2.5
Less: liabilities	58.72	-2.38	-62.4	112.61	-18.92	90.7	118.85	13.35	122.3
(2.2) Claims on other residents	1 325.25	42.24	10.7	1 290.78	-2.91	2.0	1 264.71	5.83	-1.0
State and local government	2.42	1.04	680.6	2.96	0.02	113.8	3.58	0.61	47.3
Non-financial corporations	1 106.62	32.75	8.6	1 062.44	-5.85	0.0	1 030.43	-4.27	-3.4
Households ¹	216.21	8.44	22.1	225.38	2.92	11.3	230.70	9.49	11.2
(3) Currency in circulation outside financial corporations	346.35	3.36	13.3	358.25	15.57	4.4	357.63	-0.62	3.3
(4) Deposits	886.83	2.25	8.6	906.85	33.89	6.1	924.23	51.68	11.8
(5) Securities other than shares	8.62	1.58	44.9	7.69	-0.40	13.5	7.49	0.05	-7.2
(6) Loans	0.37	0.00	163.2	0.15	0.01	7.9	0.16	0.01	16.1
(7) Financial derivatives	0.04	0.00	0.0	0.00	0.00	0.0	0.01	0.00	0.0
(8) Insurance technical reserves	26.06	1.15	14.3	29.79	0.94	19.6	30.79	1.00	18.2
(9) Shares and other equity	655.12	27.64	2.3	654.41	25.20	6.0	664.42	21.72	4.7
(10) Other items (net)	334.50	1.54	-	286.88	-35.15	-	258.85	-16.52	-

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

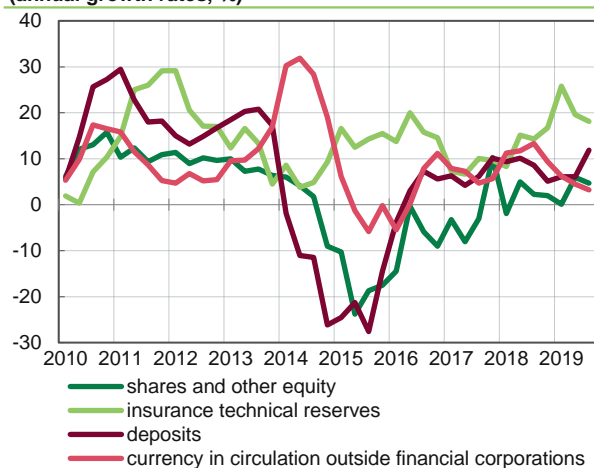
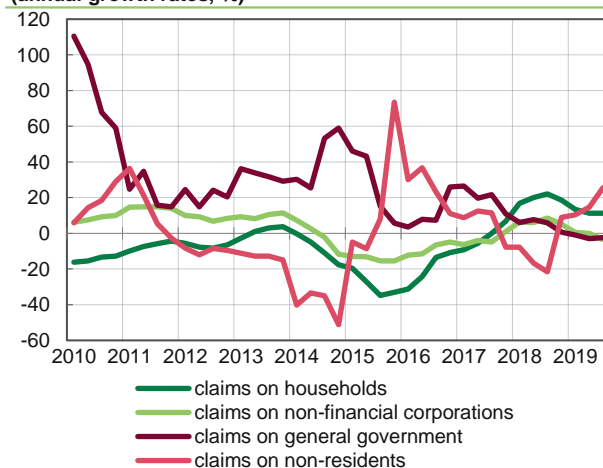


Chart 5. Claims of financial corporations (annual growth rates, %)



¹ Households and non-profit institutions serving households

² Starting from 2018, data on renewed reporting of financial companies licenced to provide loans, of which on terms of financial credit to the National Commission for State Regulation of Financial Services Markets (NCSRFSM), are included.

Loans and deposits

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

Components	2018			2019			2019		
	December			November			December		
	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, %
Loans									
Non-financial corporations	859.74	-29.56	4.7	768.10	-0.02	-7.6	744.65	-19.47	-6.9
hryvnia	464.02	-10.40	2.1	441.58	-0.49	-6.9	426.51	-14.86	-8.0
US dollar	325.55	-18.61	3.9	253.86	-1.42	-14.8	244.20	-5.95	-12.1
euro	69.61	-0.49	31.4	72.45	1.89	23.9	73.71	1.34	27.0
Households	201.10	-5.76	16.8	217.69	2.33	9.1	212.52	-4.56	9.8
hryvnia	140.01	0.87	31.7	173.40	2.92	24.6	174.82	1.42	24.9
US dollar	57.59	-6.19	-8.9	41.59	-0.58	-24.5	35.21	-5.76	-28.2
euro	1.73	-0.07	-8.8	1.59	-0.01	-11.5	1.43	-0.11	-12.5
Deposits									
Non-financial corporations	342.50	33.03	0.5	365.53	-0.54	24.8	433.73	69.63	34.3
hryvnia	222.42	33.35	5.3	222.32	-5.58	17.6	268.17	45.86	20.6
US dollar	83.92	1.16	-16.6	102.23	3.18	41.4	127.72	26.89	76.2
euro	34.17	-1.86	34.7	39.06	1.80	28.4	35.55	-3.44	23.3
Households	530.25	11.57	8.1	563.32	14.07	15.7	576.13	15.70	16.4
hryvnia	289.42	12.29	14.6	327.18	10.77	18.1	339.17	11.99	17.2
US dollar	202.57	-0.68	0.9	198.17	2.15	12.3	198.40	3.11	14.4
euro	37.21	-0.04	3.2	37.01	1.13	18.9	37.54	0.57	20.9

Chart 6. Loans

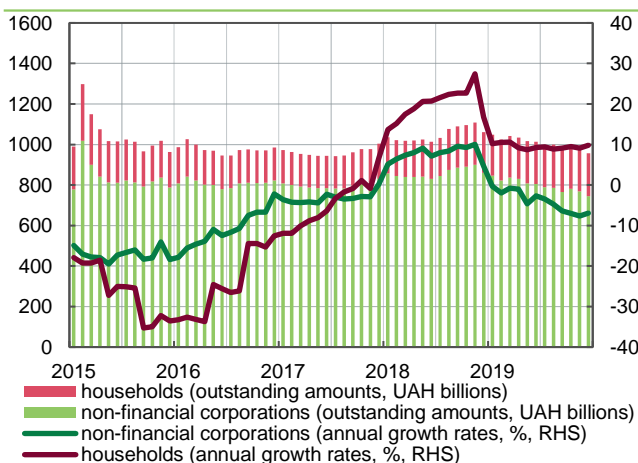


Chart 7. Deposits

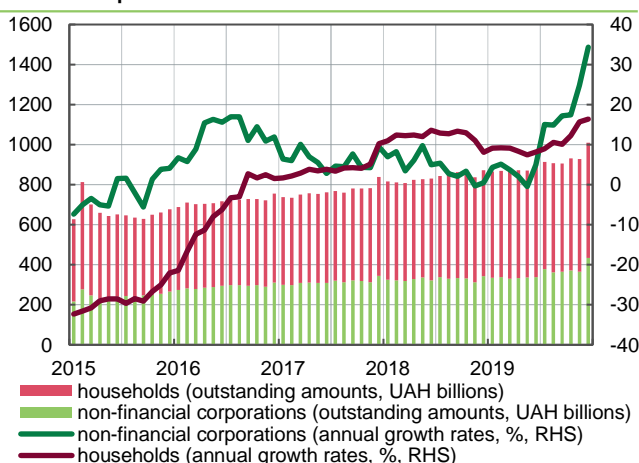


Chart 8. Loans (annual growth rates, %)

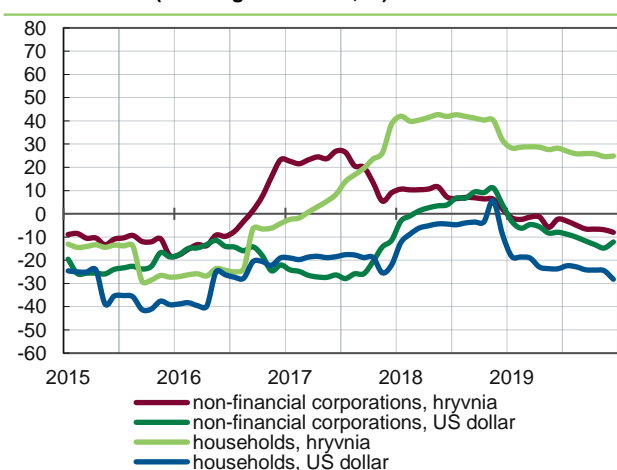


Chart 9. Deposits (annual growth rates, %)

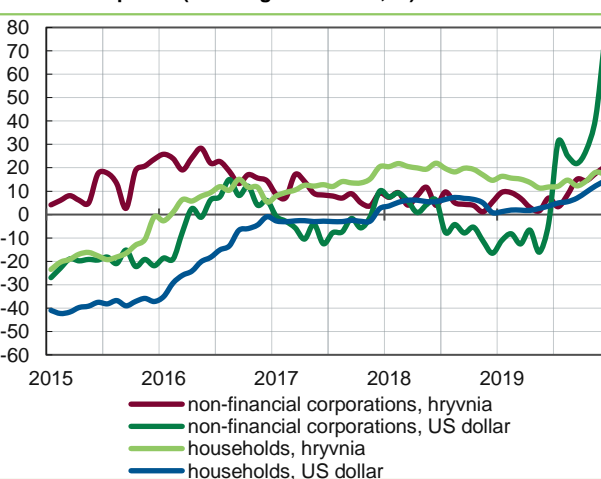


Table 10. Loans and deposits of non-financial corporations and households, by original maturities

Components	2018			2019					
	December			November			December		
	outstanding November 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 November at end of period, UAH	trans- actions for period, UAH billions	annual growth rates, %
Loans									
Non-financial corporations	859.74	-29.56	4.7	768.10	-0.02	-7.6	744.65	-19.47	-6.9
up to 1 year	413.69	-10.69	17.3	387.84	0.59	-4.3	375.33	-11.09	-4.7
over 1 year and up to 5 years	278.13	-17.04	-2.4	244.34	-2.14	-9.8	235.42	-7.33	-7.3
over 5 years	167.92	-1.83	-8.3	135.93	1.54	-12.1	133.90	-1.05	-11.8
Households	201.10	-5.76	16.8	217.69	2.33	9.1	212.52	-4.56	9.8
up to 1 year	73.29	-0.11	59.7	91.06	1.68	24.4	92.58	1.53	26.6
over 1 year and up to 5 years	53.22	0.71	10.5	64.63	1.01	24.4	64.68	0.11	22.9
over 5 years	74.59	-6.35	-5.3	62.00	-0.36	-15.3	55.25	-6.19	-17.4
Deposits									
Non-financial corporations	342.50	33.03	0.5	365.53	-0.54	24.8	433.73	69.63	34.3
on demand	214.58	22.06	1.2	247.74	2.53	35.7	313.15	66.23	54.5
up to 1 year	93.53	9.60	-0.4	87.32	1.55	8.5	90.26	3.27	1.1
over 1 year and up to 2 years	13.04	0.42	85.6	11.99	0.01	0.1	12.23	0.29	-0.8
over 2 years	21.36	0.95	-	18.49	-4.62	2.9	18.10	-0.16	-2.4
Households	530.25	11.57	8.1	563.32	14.07	15.7	576.13	15.70	16.4
on demand	203.41	12.02	23.4	230.83	8.59	26.2	240.12	10.06	24.0
up to 1 year	210.19	3.18	17.3	234.92	4.47	21.3	237.69	4.13	21.6
over 1 year and up to 2 years	109.89	-3.73	-21.8	92.03	0.98	-10.9	92.67	1.37	-6.6
over 2 years	6.76	0.10	10.1	5.54	0.03	-7.6	5.64	0.15	-6.5

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

Components	2018			2019					
	December			November			December		
	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	201.10	-5.76	16.8	217.69	2.33	9.1	212.52	-4.56	9.8
consumer loans	151.62	...	...	175.60	2.57	...	173.70	-1.63	...
hryvnia	125.41	...	...	157.02	2.73	...	158.34	1.32	...
US dollar	24.80	...	...	17.50	-0.16	...	14.42	-2.82	...
euro	0.77	...	...	0.58	0.00	...	0.50	-0.08	...
lending for house purchase	44.46	...	...	36.05	-0.34	...	32.61	-3.09	...
hryvnia	10.09	...	...	10.76	0.07	...	10.65	-0.11	...
US dollar	32.37	...	...	23.76	-0.40	...	20.51	-2.90	...
euro	0.88	...	...	0.68	-0.00	...	0.65	-0.03	...
other loans	5.02	...	...	6.04	0.10	...	6.20	0.16	...

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

Components	2018			2019					
	December			November			December		
	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	201.10	-5.76	16.8	217.69	2.33	9.1	212.52	-4.56	9.8
consumer loans	151.62	...	...	175.60	2.57	...	173.70	-1.63	...
up to 1 year	69.73	...	...	87.59	1.66	...	89.16	1.57	...
over 1 year and up to 5 years	49.17	...	...	59.83	0.98	...	59.85	0.06	...
over 5 years	32.72	...	...	28.18	-0.07	...	24.69	-3.27	...
lending for house purchase	44.46	...	...	36.05	-0.34	...	32.61	-3.09	...
up to 1 year	1.11	...	...	0.73	-0.10	...	0.62	-0.10	...
over 1 year and up to 5 years	1.80	...	...	1.75	0.02	...	1.66	-0.08	...
over 5 years	41.55	...	...	33.57	-0.26	...	30.33	-2.91	...
other loans	5.02	...	...	6.04	0.10	...	6.20	0.16	...

Interest rates

Table 13. Interest rates on loans¹ and deposits in December 2019

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	13.51	0.23	256.2	33.11	0.02	41.6
hryvnia	15.68	-0.79	204.0	33.13	0.01	41.5
US dollar	5.03	0.96	41.7	10.78	1.67	0.03
euro	5.11	-1.33	10.5	5.84	-2.04	0.014
Outstanding amounts of loans	13.62	0.98	744.6	35.06	3.79	212.5
hryvnia	19.36	2.64	426.5	39.03	3.63	174.8
US dollar	10.18	1.83	244.2	15.11	1.60	35.2
euro	7.58	0.37	73.7	14.57	2.16	1.2
New business on deposits	10.02	-0.75	237.0	9.63	0.16	57.6
hryvnia	10.27	-0.99	229.7	13.64	-0.54	37.0
US dollar	2.36	0.64	5.3	2.53	-0.22	18.2
euro	2.16	0.86	2.0	1.76	0.15	2.4
Outstanding amounts of deposits	7.71	-0.14	433.7	9.69	0.43	576.1
hryvnia	10.45	-0.53	268.2	13.19	0.03	339.2
US dollar	1.68	0.07	127.7	3.36	0.10	198.4
euro	1.38	0.04	35.5	2.27	0.11	37.5

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

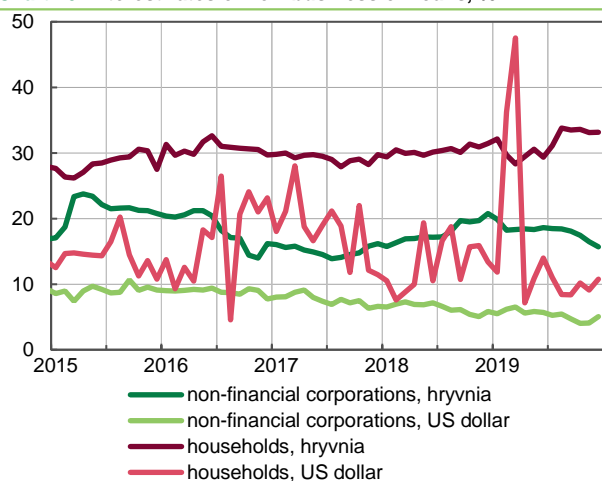


Chart 11. Interest rates of new business on deposits, %

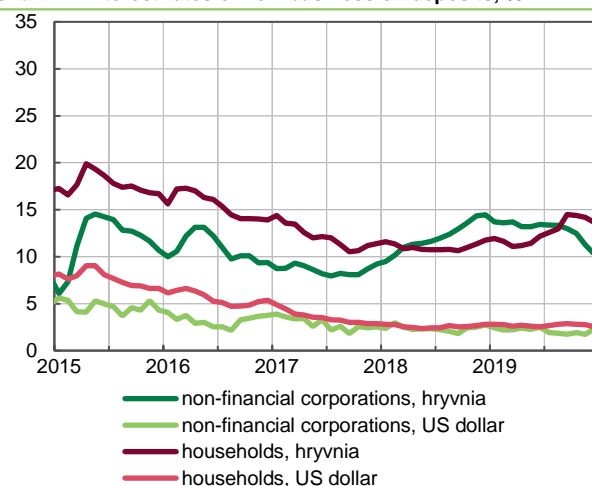


Chart 12. Interest rates on outstanding amounts of loans, %

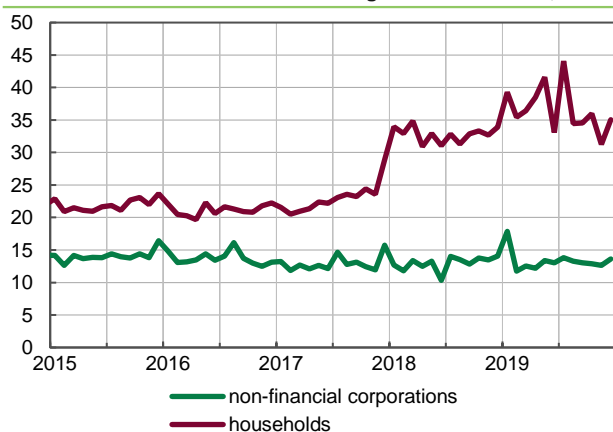
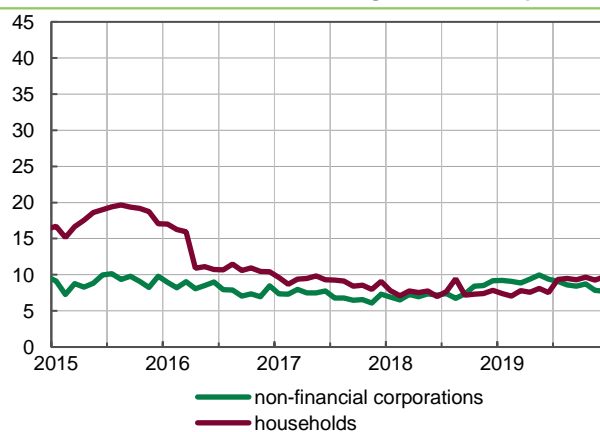


Chart 13. Interest rates on outstanding amounts of deposits, %

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	2018			2019			2019		
	December			November			December		
	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, %
Holdings of securities other than shares	420.25	19.45	2.3	385.56	-7.30	0.9	386.60	0.96	-3.5
residents	419.38	19.14	2.1	373.25	-4.88	-4.9	376.65	3.14	-8.4
National bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	0.97	–	-1.4	0.97	–	–	0.97	–	–
Other financial corporations	2.21	-0.59	-18.2	2.39	0.03	-17.0	2.87	0.13	10.9
General government	411.56	19.75	2.4	365.12	-4.87	-2.4	368.06	3.05	-6.3
Non-financial corporations	4.63	-0.01	-8.4	4.76	-0.04	-2.6	4.75	-0.04	-3.3
Other residents	–	–	–	–	–	–	–	–	–
non-residents	0.87	0.30	–	12.31	-2.42	–	9.95	-2.18	–
Holdings of shares	0.61	-0.09	-38.3	0.74	-0.00	-34.7	0.55	-0.20	-15.8
residents	0.41	-0.09	-18.7	0.54	–	-45.4	0.34	-0.20	-25.0
Other deposit-taking corporations	0.02	–	0.0	0.03	–	-0.0	0.03	–	-0.0
Other financial corporations	0.25	-0.08	-24.6	0.13	–	-60.9	0.08	-0.05	-68.2
Non-financial corporations	0.13	-0.01	-8.6	0.38	–	2.9	0.24	-0.15	53.5
non-residents	0.19	-0.00	-59.9	0.20	-0.00	-0.1	0.21	0.01	3.6

Chart 14. Holdings of securities other than shares (outstanding amounts, UAH billion)

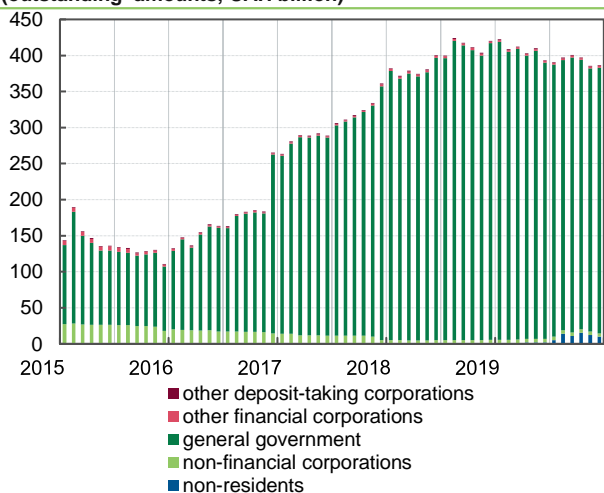


Chart 15. Holdings of shares (outstanding amounts, UAH billion)

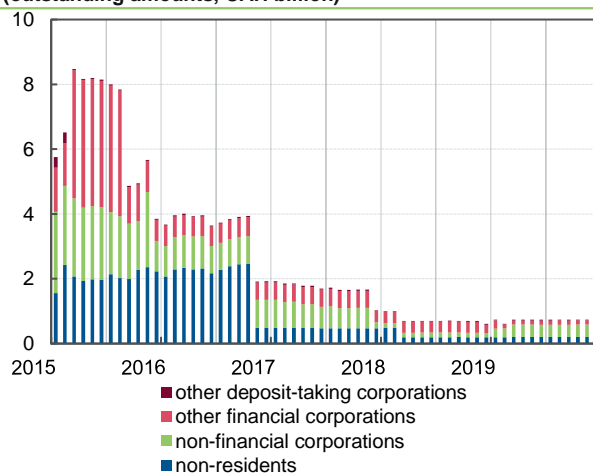


Chart 16. Holdings of securities other than shares (annual growth rates, %)

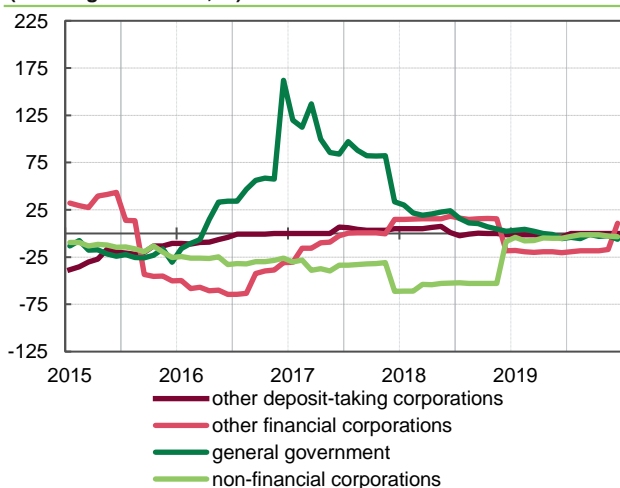
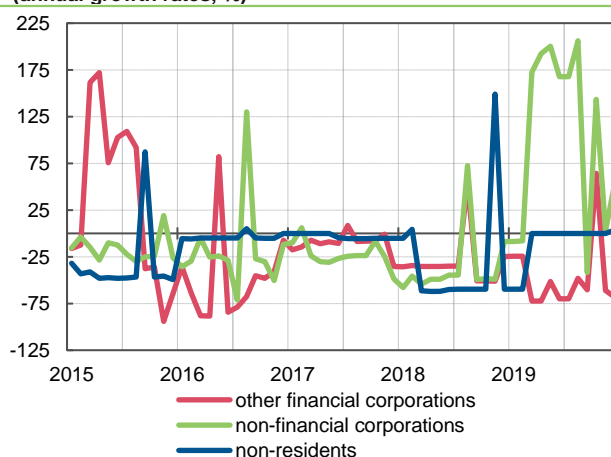


Chart 17. Holdings of shares (annual growth rates, %)



Securities other than shares issued by resident sectors

Table 15. Securities other than shares issued by resident sectors

Components	III quarter 2018			II quarter 2019			III quarter 2019		
	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	1 434.20	18.8	4.7	1 452.59	21.59	6.8	1 439.58	45.13	8.7
Deposit-taking corporations	3.88	1.31	872.4	3.51	-0.32	51.1	3.36	0.10	-0.1
National Bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	3.88	1.31	872.4	3.51	-0.32	51.1	3.36	0.10	-0.1
Other financial corporations	9.67	0.09	4.1	8.34	-0.16	-13.0	8.09	-0.25	-16.3
General government	1 351.60	15.73	5.4	1 374.59	23.32	7.3	1 355.64	38.93	9.0
Non-financial corporations	69.05	1.66	-11.2	66.15	-1.25	-1.8	72.49	6.34	5.0

Chart 18. Dynamics of securities other than shares issued by resident sectors

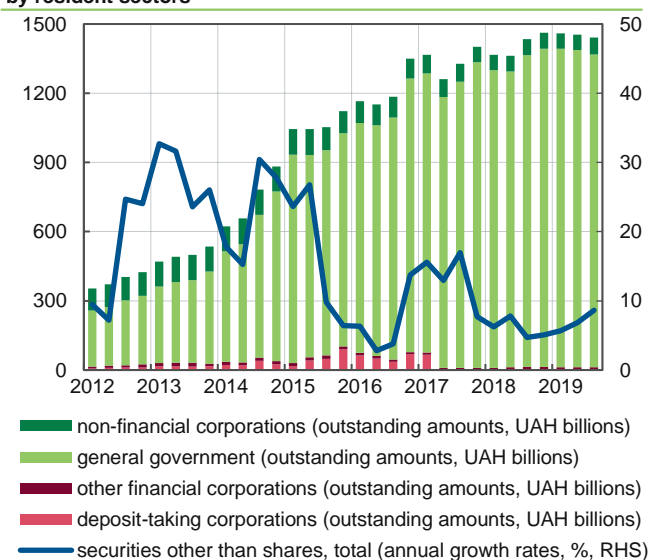
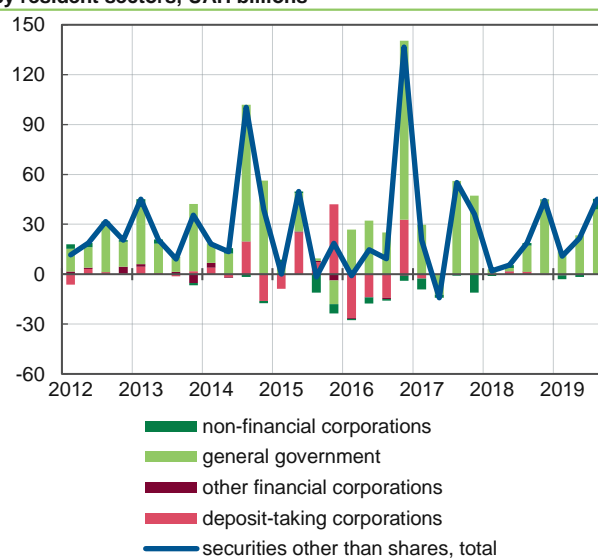


Chart 19. Net issues of securities other than shares issued by resident sectors, UAH billions



Financial Soundness Indicators

Table 16. Financial Soundness Indicators

Components	2019				
	July	August	September	October	November
Core Financial Soundness Indicators					
I1 Regulatory capital to risk-weighted assets	17.42	18.00	18.43	18.59	18.72
I2 Regulatory Tier 1 capital to risk-weighted assets	12.74	13.00	13.12	13.25	13.28
I3 Nonperforming loans net of provisions to capital	36.43	33.59	31.53	31.31	29.44
I4 Nonperforming loans to total gross loans	50.20	49.28	48.93	48.75	48.69
I5 Sectoral distribution of loans to total loans					
Residents	93.28	93.24	93.37	92.76	92.79
Deposit-takers	0.97	0.92	0.94	0.25	0.30
Central bank					
Other financial corporations	0.76	0.79	0.82	0.78	0.86
General government	0.25	0.26	0.30	0.34	0.38
Nonfinancial corporations	72.12	71.77	71.45	71.49	71.06
Other domestic sectors	19.17	19.49	19.87	19.90	20.19
Nonresidents	6.72	6.76	6.63	7.24	7.21
I6 Return on assets	5.03	5.27	5.15	4.94	5.08
I7 Return on equity	42.66	44.12	42.54	40.35	40.89
I8 Interest margin to gross income	47.42	46.07	46.68	47.64	47.50
I9 Noninterest expenses to gross income	53.47	52.16	53.04	53.57	53.69
I10 Liquid assets to total assets	53.45	53.15	32.60	72.68	72.48
I11 Liquid assets to short-term liabilities	93.33	93.29	93.86	93.57	94.40
I12 Net open position in foreign exchange to capital	52.95	50.98	51.23	49.90	50.58
Encouraged Financial Soundness Indicators					
I13 Capital to assets	12.70	13.19	13.65	13.59	14.13
I14 Large exposures to capital	140.92	138.26	120.79	127.94	120.54
I15 Geographical distribution of loans to total loans					
Domestic economy	93.28	93.24	93.37	92.76	92.79
Advanced economies, excluding China	3.48	3.50	3.44	3.97	4.03
Other emerging market and developing countries, including China	3.24	3.26	3.19	3.27	3.18
I16 Gross asset position in financial derivatives to capital	0.66	0.57	0.61	0.45	0.43
I17 Gross liability position in financial derivatives to capital	0.01	0.01	0.02	0.02	0.00
I18 Trading income to total income	10.94	13.05	11.62	10.07	10.22
I19 Personnel expenses to noninterest expenses	40.34	40.28	40.28	40.81	40.90
I20 Spread between reference lending and deposit rates (basis points)	548	690	570	499	518
I21 Spread between highest and lowest interbank rates (basis points)	1 600	1 788	1 740	1 631	1 606
I22 Customer deposits to total (noninterbank) loans	91.35	90.65	92.54	93.07	93.94
I23 Foreign-currency-denominated loans to total loans	43.22	43.04	41.62	42.71	41.68
I24 Foreign-currency-denominated liabilities to total liabilities	46.04	45.87	44.40	45.42	44.26
I26 OFC's financial assets to total financial assets	-	-	30.52	-	-
I27 OFC's financial assets to gross domestic product	-	-	14.63	-	-
I37 Residential real estate prices (Percentage change/last 12 months)	-	-	106.40	-	-
I39 Residential real estate loans to total gross loans	3.55	3.54	3.43	3.42	3.33
I40 Commercial real estate loans to total gross loans	2.80	2.84	2.83	2.83	2.80

Note. Financial soundness indicators are compiled according to the IMF Financial Soundness Indicators Compilation Guide (2006). 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/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 securities other than shares.</p> <p>Monetary aggregate M0 includes currency in circulation outside the deposit-taking corporations.</p> <p>Monetary aggregate M1 – monetary aggregate M0 and transferable deposits in national currency (M1 - M0).</p> <p>Monetary aggregate M2 – monetary aggregate M1 and transferable deposits in foreign currency and other deposits (M2 - M1).</p> <p>Monetary aggregate M3 – monetary aggregate M2 and securities other than shares (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. Securities other than shares	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, deposit certificates of corporations, 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	Financial flows for the period adjusted for the impact of revaluations arising from changes in 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 .