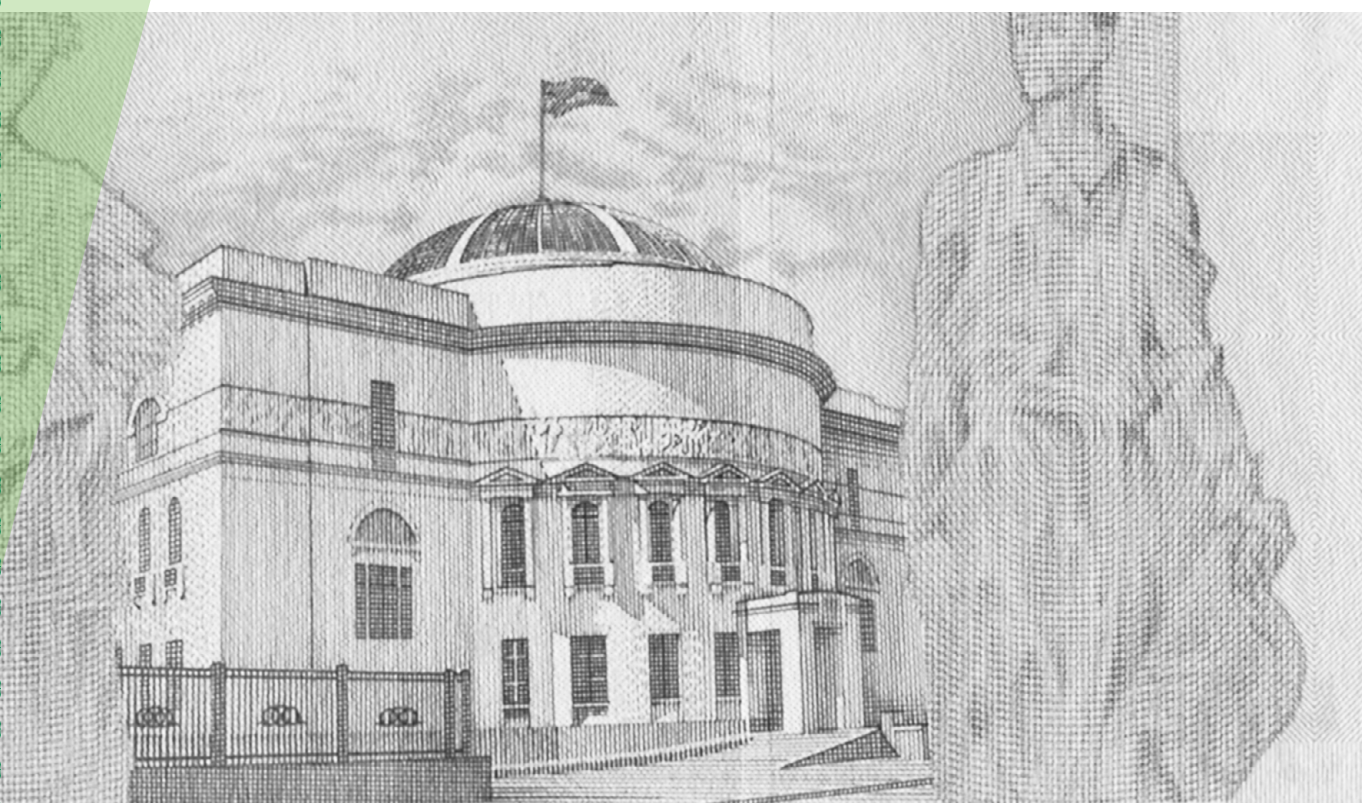




National Bank
of Ukraine

Monetary and Financial Statistics

May 2020



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>

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National Bank of Ukraine monetary policy indicators

Table 1. Interest rate on refinancing

Components	2019				2020				
	9	10	11	12	1	2	3	4	5
NBU discount rate (end of period)	16.5	15.5	15.5	13.5	11.0	11.0	10.0	8.0	8.0
Average weighted interest rate on all instruments	17.3	16.0	15.5	14.5	12.9	12.0	11.4	8.5	8.0
of wich									
loans granted through tender	16.5	16.0	17.5	14.5	12.6	11.0	10.0	8.3	8.0
overnight loans	18.5	18.5	15.5	–	13.0	13.0	12.2	11.9	10.0

Table 2. Reserve requirements, %

Validity	current accounts and deposits in national currency	current accounts and deposits in foreign currency
з 13.03.2020	0	10

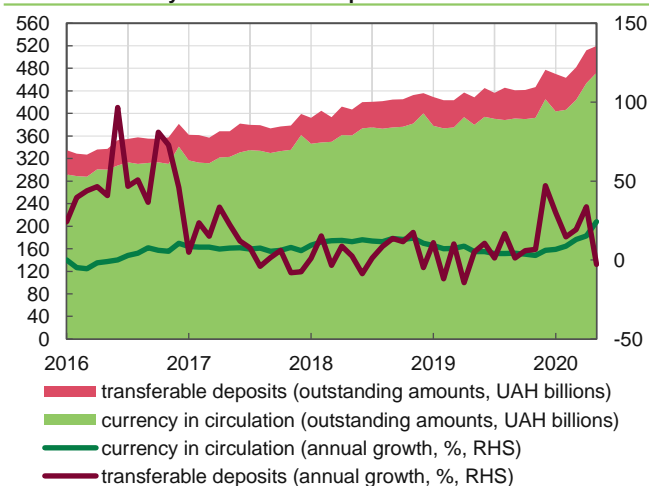
Table 3. Official exchange rate of hryvnia against US dollar and euro, hryvnias

	2019				2020				
	9	10	11	12	1	2	3	4	5
US Dollar									
period average	24.7697	24.8082	24.3675	23.6094	24.1194	24.5965	26.4123	27.2247	26.8143
end of period	24.0828	24.9954	24.0356	23.6862	24.9196	24.5610	28.0615	26.9714	26.9059
Euro									
period average	27.2766	27.4011	26.9584	26.2069	26.7923	26.8446	29.1595	29.5946	29.1871
end of period	26.3346	27.7599	26.4512	26.4220	27.4751	26.9299	30.9617	29.2424	29.6234

Table 4. Monetary base and its components

Components	2019			2020					
	May			April			May		
	outstanding amounts at end of period, UAH billions	transactions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	transactions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH billions	transactions for period, UAH billions	annual growth rates, %
Monetary base	428.69	-8.31	5.3	512.01	30.17	17.2	519.65	7.64	21.2
of wich									
Currency in circulation	379.84	-13.53	5.3	453.71	29.49	15.3	472.11	18.40	24.3
Transferable deposits of other deposit-taking corporations	48.80	5.23	5.1	58.26	0.66	33.7	47.50	-10.75	-2.7
Transferable deposits of other sectors of economy	0.04	0.00	5.6	0.04	0.01	-5.3	0.03	-0.01	-26.2

Chart 1. Monetary base and its components



Surveys of financial corporations

Table 5. Deposit-taking corporations survey¹

Components	2019			2020			2020		
	May			April			May		
	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	1 259.92	-8.03	4.5	1 544.69	48.27	21.5	1 578.41	33.31	25.0
(2) Other items (net) (3 + 4 – 1)	727.44	-13.33	–	760.77	0.42	–	773.40	6.29	–
(3) Domestic credit (3.1 + 3.2)	1 705.98	0.69	-3.9	1 699.02	40.43	-1.3	1 754.02	47.10	1.4
(3.1) Net claims on the central government	660.92	23.88	–	678.00	55.21	–	743.07	57.90	–
(3.2) Claims on other sectors of economy	1 045.06	-23.19	-2.5	1 021.02	-14.78	-4.1	1 010.95	-10.80	-3.0
Other financial corporations	11.55	-0.11	-17.4	11.68	-0.66	-0.7	11.85	-0.15	-1.1
State and local government	2.97	-0.03	–	6.27	-0.14	–	6.71	0.30	–
Non-financial corporations	819.99	-26.11	-5.0	783.73	-8.61	-7.2	773.16	-10.91	-5.6
Households ²	210.55	3.06	8.9	219.33	-5.36	6.3	219.22	-0.03	4.7
(4) Net foreign assets	281.38	-22.06	–	606.45	8.26	–	597.79	-7.50	–

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

Components	2019			2020			2020		
	May			April			May		
	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)	1 259.92	-8.03	4.5	1 544.69	48.27	21.5	1 578.41	33.31	25.0
(1.1) Currency in circulation outside deposit-taking corporations	349.28	-2.94	4.9	417.80	28.51	18.6	434.89	17.09	24.5
(1.2) Transferable deposits in national currency	305.40	-1.28	6.6	395.93	23.10	29.1	403.12	7.20	32.0
(1.3) M1 (1.1 + 1.2)	654.68	-4.21	5.7	813.73	51.61	23.5	838.02	24.29	28.0
(1.4) Transferable deposits in foreign currency	158.16	4.44	5.2	261.83	1.96	70.3	267.62	5.29	68.8
(1.5) Other deposits	443.61	-8.25	2.4	466.17	-5.26	3.2	469.88	3.80	6.0
(1.6) M2 (1.3 + 1.4 + 1.5)	1 256.45	-8.02	4.4	1 541.73	48.32	21.6	1 575.52	33.38	25.1
(1.7) Securities other than shares	3.47	-0.01	88.5	2.96	-0.04	-15.4	2.89	-0.07	-16.9
Counterparts									
Liabilities									
(2) Liabilities excluded from M3	8.35	0.38	-47.5	7.80	-0.66	-1.8	8.50	0.70	2.0
(3) Shares and other equity	336.89	17.76	-2.7	404.31	1.45	13.7	391.61	-18.42	2.8
(4) Other items (net)	382.19	-31.47	–	348.66	-0.37	–	373.29	24.01	–
Assets									
(5) Domestic credit	1 705.98	0.69	-3.9	1 699.02	40.43	-1.3	1 754.02	47.10	1.4
(5.1) Net claims on central government	660.92	23.88	–	678.00	55.21	–	743.07	57.90	–
Claims	756.24	-5.63	-2.0	757.59	16.34	-2.5	808.68	43.84	3.9
Minus: liabilities	95.32	-29.51	40.1	79.58	-38.87	-33.5	65.60	-14.05	-28.2
(5.2) Claims on other sectors of economy	1 045.06	-23.19	-2.5	1 021.02	-14.78	-4.1	1 010.95	-10.80	-3.0
among them:									
Loans	1 027.79	-22.61	-2.2	1 001.32	-14.60	-4.4	990.89	-10.51	-3.3
Securities other than shares	7.86	0.04	-8.0	11.59	0.11	43.4	12.35	0.23	45.5
Shares and other equity	0.64	0.00	20.3	0.34	0.00	-52.6	0.34	0.00	-52.1
(6) Net foreign assets	281.38	-22.06	–	606.45	8.26	–	597.79	-7.50	–

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	2019			2020			2020		
	May			April			May		
	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	305.40	-1.28	6.6	395.93	23.10	29.1	403.12	7.20	32.0
Other financial corporations	7.93	0.30	6.5	10.09	-0.49	32.2	10.58	0.49	33.4
Non-financial corporations	150.50	6.29	0.1	180.65	-0.62	25.3	181.69	1.04	20.7
Households ¹	146.97	-7.87	14.1	205.19	24.21	32.5	210.85	5.67	43.5
M2 - M1	601.77	-3.80	3.1	728.00	-3.30	19.8	737.50	9.09	22.1
Other financial corporations	19.24	0.38	1.6	21.84	-0.28	16.0	21.73	-0.12	13.1
Non-financial corporations	186.59	-4.32	-0.8	258.67	2.33	34.0	267.19	8.14	41.5
Households ¹	395.94	0.14	5.1	447.49	-5.35	13.1	448.58	1.07	13.4
M3 - M2	3.47	-0.01	88.5	2.96	-0.04	-15.4	2.89	-0.07	-16.9
Other financial corporations	0.06	-0.01	-38.5	0.11	0.00	82.8	0.11	-0.00	99.6
Non-financial corporations	0.00	-0.00	16.9	0.00	0.00	-	0.00	0.00	-
Households ¹	3.41	-0.01	95.2	2.85	-0.04	-17.1	2.78	-0.07	-18.9

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

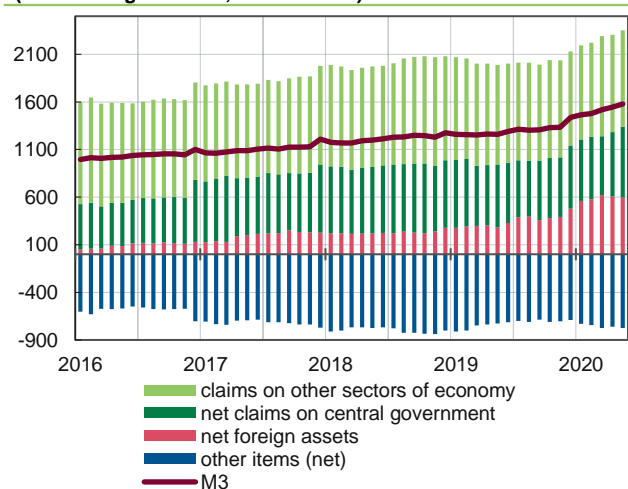


Chart 3. Monetary aggregate M3 and counterpart items (annual growth rates, %)

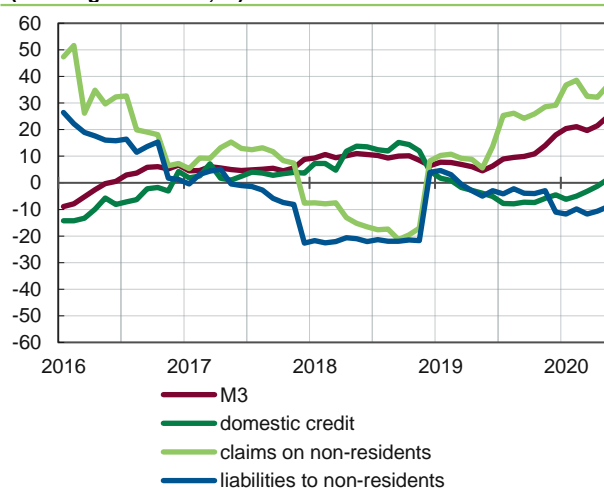
¹ Households and non-profit institutions serving households

Table 8. Financial corporations survey

Components	I quarter 2019			IV quarter 2019			I quarter 2020		
	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	279.12	21.53	-	461.90	126.16	-	598.38	40.72
(2) Domestic credit ²	1 953.46	-81.94	-0.1	1 935.03	43.93	-1.8	1 963.76	-52.43	-0.4
(2.1) Net claims on central government	643.61	-76.08	-	671.07	33.62	-	631.51	-56.36	-
Claims	777.31	-15.79	-1.1	735.23	-21.31	-5.7	753.54	-5.02	-4.4
Less: liabilities	133.70	60.29	26.3	64.15	-54.93	-6.3	122.03	51.33	-7.0
(2.2) Claims on other residents	1 309.85	-5.86	2.7	1 263.96	10.31	0.6	1 332.25	3.93	1.4
State and local government	2.94	-0.05	213.5	5.74	2.14	90.3	6.45	0.67	116.4
Non-financial corporations	1 082.21	-13.86	0.6	1 025.24	5.21	-1.7	1 079.89	-2.71	-0.7
Households ¹	224.69	8.05	13.5	232.98	2.96	10.9	245.91	5.96	9.7
(3) Currency in circulation outside financial corporations	342.68	-19.85	6.2	382.23	24.60	5.4	387.89	5.66	13.2
(4) Deposits	886.56	10.41	6.0	1 021.28	101.96	23.3	1 101.60	4.98	22.4
(5) Securities other than shares	8.22	-0.89	63.4	7.73	0.28	-10.3	7.18	-1.03	-13.8
(6) Loans	0.14	0.02	-70.3	0.14	-0.02	9.0	0.15	0.01	8.9
(7) Financial derivatives	0.03	0.00	0.0	0.04	0.00	0.0	0.83	0.00	0.0
(8) Insurance technical reserves	28.85	1.19	25.8	30.91	0.12	11.7	33.60	2.69	16.5
(9) Shares and other equity	639.69	-38.74	0.1	679.03	25.34	5.1	753.65	1.78	11.8
(10) Other items (net)	326.41	-12.55	-	275.56	17.81	-	277.24	-25.79	-

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

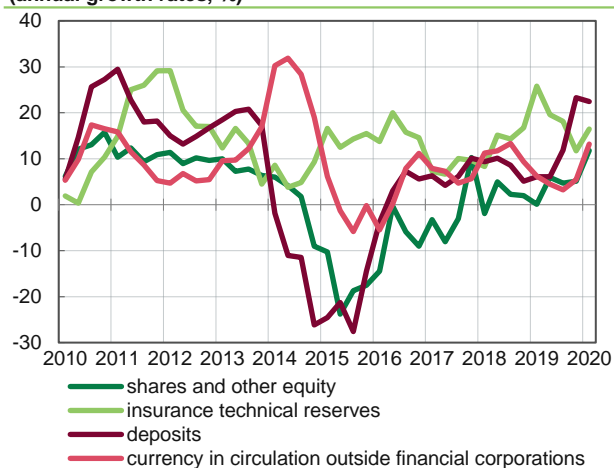
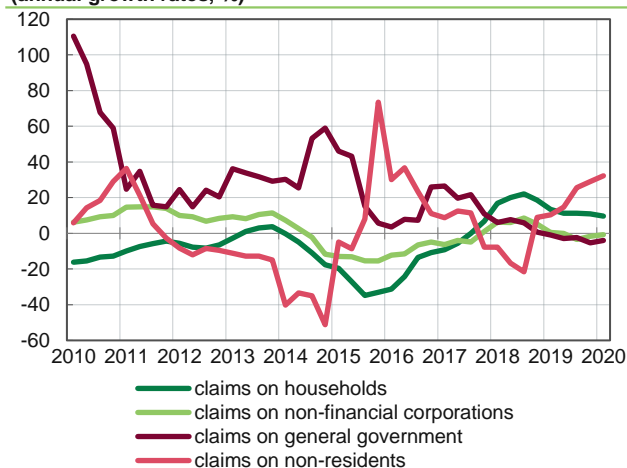


Chart 5. Claims of financial corporations (annual growth rates, %)



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 (NCSRFMS), are included.

Loans and deposits

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

Components	2019			2020			2020		
	May			April			May		
	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	808.22	-25.48	-4.6	773.31	-8.63	-7.1	762.95	-10.50	-5.4
hryvnia	437.60	-19.06	-5.8	426.01	-7.50	-6.6	420.33	-5.44	-3.8
US dollar	297.95	-7.26	-8.3	266.98	-1.00	-13.9	261.14	-5.18	-13.5
euro	72.38	0.84	26.2	80.10	-0.13	18.1	81.28	0.14	17.0
Households	208.26	2.95	8.7	217.32	-5.43	6.5	217.12	-0.12	4.9
hryvnia	153.74	3.91	27.6	174.84	-5.43	16.7	174.78	-0.06	13.7
US dollar	51.35	-0.89	-23.6	39.68	-0.00	-36.3	39.53	-0.06	-35.3
euro	1.60	-0.05	-13.6	1.59	0.00	-19.8	1.61	-0.00	-17.5
Deposits									
Non-financial corporations	337.09	1.97	-0.5	439.32	1.71	30.3	448.88	9.18	32.3
hryvnia	219.02	3.82	1.6	249.36	0.02	15.9	258.23	8.88	17.9
US dollar	79.05	-4.53	-16.1	137.67	0.66	61.2	137.60	0.26	70.8
euro	37.37	2.48	38.5	50.60	1.31	47.9	51.05	-0.20	37.4
Households	532.91	-7.68	7.5	641.06	18.44	18.5	647.39	6.31	21.4
hryvnia	294.59	-8.02	11.4	372.08	23.06	23.0	378.08	6.00	28.3
US dollar	200.41	0.13	2.6	225.27	-4.92	12.1	225.05	0.32	12.2
euro	36.87	0.18	6.9	42.53	0.26	18.2	43.05	-0.04	17.5

Chart 6. Loans

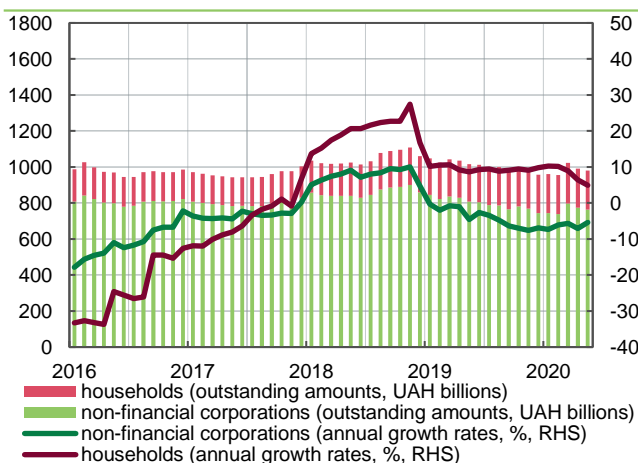


Chart 7. Deposits

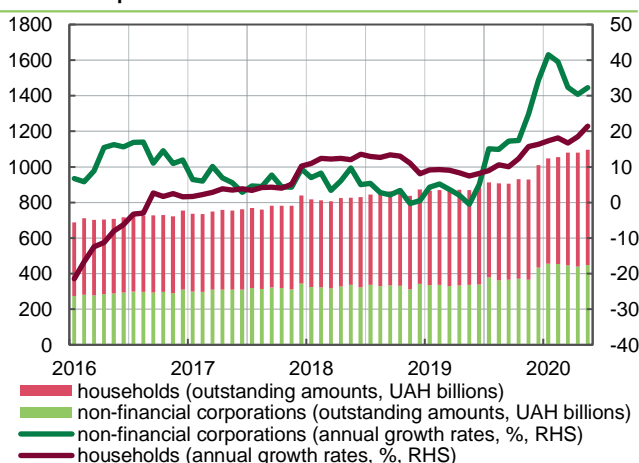


Chart 8. Loans (annual growth rates, %)

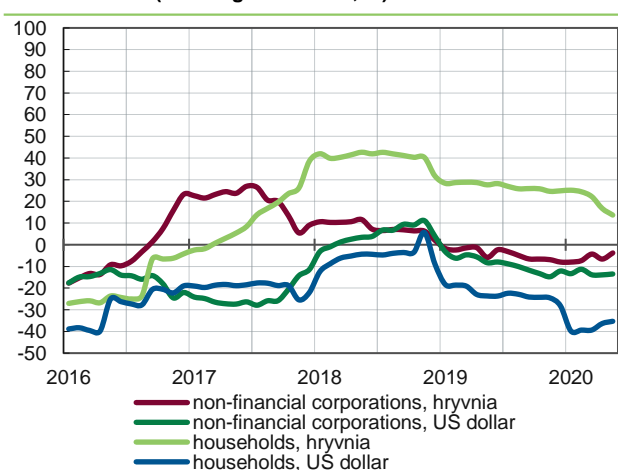


Chart 9. Deposits (annual growth rates, %)

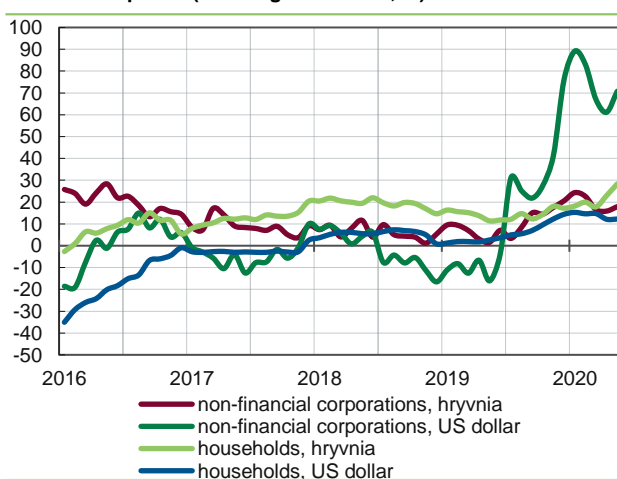


Table 10. Loans and deposits of non-financial corporations and households, by original maturities

Components	2019			2020					
	May			April			May		
	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	808.22	-25.48	-4.6	773.31	-8.63	-7.1	762.95	-10.50	-5.4
up to 1 year	402.90	-4.02	0.2	381.77	-4.26	-5.5	372.29	-9.41	-6.9
over 1 year and up to 5 years	257.67	-0.22	-6.3	252.56	-5.41	-0.6	250.95	-1.72	-1.2
over 5 years	147.66	-21.24	-13.2	138.98	1.04	-16.2	139.70	0.63	-3.6
Households	208.26	2.95	8.7	217.32	-5.43	6.5	217.12	-0.12	4.9
up to 1 year	80.02	2.49	24.8	93.70	-4.09	20.9	94.91	1.21	18.7
over 1 year and up to 5 years	59.15	1.39	34.9	63.96	-2.06	11.1	63.41	-0.55	7.5
over 5 years	69.08	-0.94	-17.5	59.65	0.72	-12.5	58.80	-0.78	-12.5
Deposits									
Non-financial corporations	337.09	1.97	-0.5	439.32	1.71	30.3	448.88	9.18	32.3
on demand	215.69	3.58	-1.1	318.52	0.22	48.7	317.60	-1.30	45.6
up to 1 year	90.15	-1.60	6.8	88.34	-0.23	-3.6	102.26	13.89	13.5
over 1 year and up to 2 years	11.71	0.06	57.4	16.04	1.18	38.4	16.48	0.43	41.4
over 2 years	19.55	-0.06	-32.3	16.42	0.53	-17.2	12.54	-3.84	-36.4
Households	532.91	-7.68	7.5	641.06	18.44	18.5	647.39	6.31	21.4
on demand	205.18	-8.13	16.9	289.83	25.26	35.5	298.12	8.15	44.8
up to 1 year	221.47	1.79	17.6	245.14	-6.39	11.5	243.02	-2.04	9.7
over 1 year and up to 2 years	98.95	-1.23	-21.1	99.88	-0.71	0.0	99.87	0.03	1.3
over 2 years	7.31	-0.11	16.8	6.21	0.28	-16.6	6.37	0.17	-13.1

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

Components	2019			2020					
	May			April			May		
	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	208.26	2.95	8.7	217.32	-5.43	6.5	217.12	-0.12	4.9
consumer loans	161.50	3.70	...	175.79	-4.96	...	175.96	0.20	...
hryvnia	138.41	3.93	...	158.34	-5.10	...	158.57	0.22	...
US dollar	21.82	-0.20	...	16.39	0.14	...	16.33	-0.02	...
euro	0.69	-0.02	...	0.55	-0.00	...	0.56	0.00	...
lending for house purchase	41.19	-0.83	...	35.29	-0.15	...	35.13	-0.11	...
hryvnia	10.25	-0.08	...	10.68	-0.02	...	10.62	-0.07	...
US dollar	29.14	-0.71	...	22.98	-0.13	...	22.88	-0.04	...
euro	0.80	-0.03	...	0.72	0.00	...	0.73	-0.00	...
other loans	5.57	0.08	...	6.24	-0.32	...	6.03	-0.21	...

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

Components	2019			2020					
	May			April			May		
	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	208.26	2.95	8.7	217.32	-5.43	6.5	217.12	-0.12	4.9
consumer loans	161.50	3.70	...	175.79	-4.96	...	175.96	0.20	...
up to 1 year	76.51	2.53	...	90.47	-3.82	...	91.87	1.41	...
over 1 year and up to 5 years	54.62	1.28	...	58.68	-2.03	...	58.17	-0.51	...
over 5 years	30.37	-0.11	...	26.64	0.88	...	25.92	-0.70	...
lending for house purchase	41.19	-0.83	...	35.29	-0.15	...	35.13	-0.11	...
up to 1 year	0.99	0.00	...	0.71	0.01	...	0.69	-0.02	...
over 1 year and up to 5 years	1.80	-0.01	...	1.78	-0.02	...	1.78	-0.00	...
over 5 years	38.40	-0.82	...	32.80	-0.14	...	32.67	-0.09	...
other loans	5.57	0.08	...	6.24	-0.32	...	6.03	-0.21	...

Interest rates

Table 13. Interest rates on loans¹ and deposits in May 2020

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	10.99	-1.24	183.9	32.88	-0.79	25.4
hryvnia	11.75	-1.76	163.6	32.91	-0.80	25.4
US dollar	4.77	0.11	16.1	16.65	2.54	0.04
euro	5.00	0.01	4.2	20.49	1.98	0.01
Outstanding amounts of loans	12.38	0.06	763.0	34.26	-0.35	217.1
hryvnia	17.25	-0.23	420.3	37.12	-0.33	174.8
US dollar	8.08	0.28	261.1	12.59	0.34	39.5
euro	7.01	0.34	81.3	10.05	0.32	1.4
New business on deposits	6.03	-0.99	190.1	7.41	-0.38	47.2
hryvnia	6.18	-1.00	183.7	11.08	-0.40	28.2
US dollar	1.79	0.59	5.3	2.00	-0.27	16.8
euro	2.06	0.40	1.0	1.53	0.04	2.1
Outstanding amounts of deposits	6.10	0.49	448.9	8.25	0.06	647.4
hryvnia	8.19	-0.10	258.2	11.78	-0.00	378.1
US dollar	1.10	0.32	137.6	2.80	0.08	225.0
euro	1.12	-0.02	51.1	1.85	0.03	43.0

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

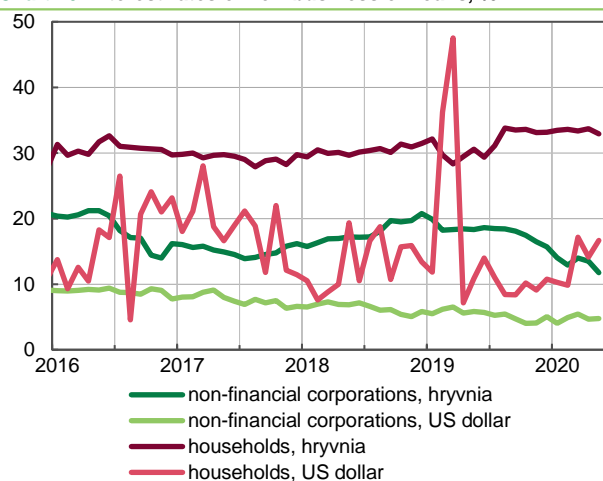


Chart 11. Interest rates of new business on deposits, %

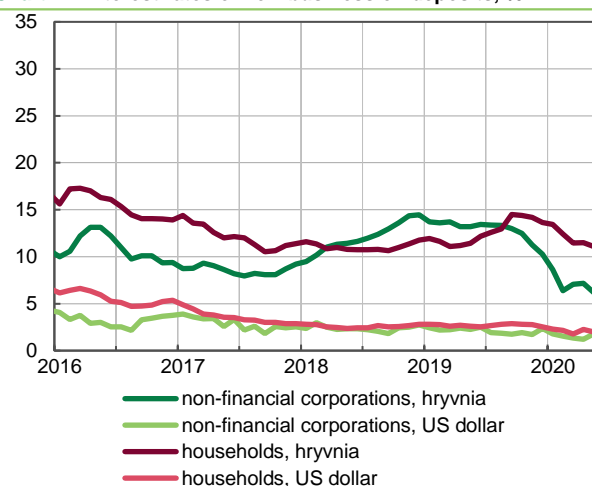


Chart 12. Interest rates on outstanding amounts of loans, %

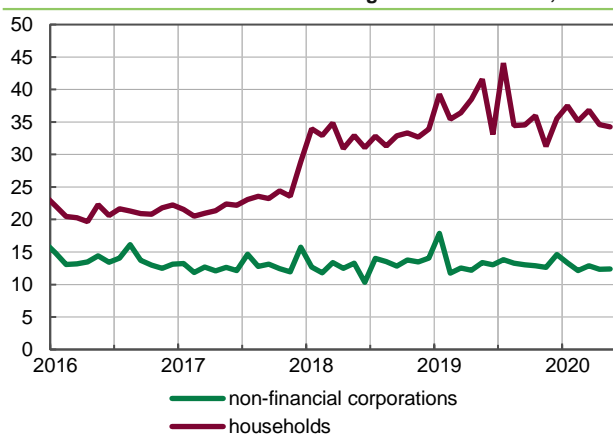
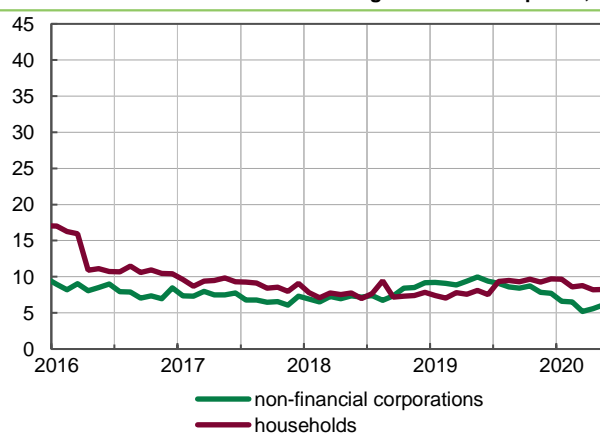


Chart 13. Interest rates on outstanding amounts of deposits, %



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	2019			2020			2020		
	May			April			May		
	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	409,83	2,66	-1,3	423,01	13,51	0,2	473,24	42,61	9,6
residents	407,58	2,65	-1,9	417,24	15,59	10,0	468,75	43,87	20,8
National bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	0,97	–	-3,6	0,97	–	–	0,97	–	–
Other financial corporations	2,33	0,03	-17,5	4,10	0,05	62,7	4,39	-0,02	60,0
General government	399,51	2,62	-1,7	407,44	15,51	-1,1	458,58	43,88	8,8
Non-financial corporations	4,77	0,00	-1,7	4,73	0,02	-1,0	4,80	0,00	-1,1
Other residents	–	–	–	–	–	–	–	–	–
non-residents	2,25	0,01	–	5,78	-2,07	159,8	4,49	-1,26	102,0
Holdings of shares	0,74	-0,00	24,0	0,96	-0,00	-33,0	1,01	0,00	-19,9
residents	0,54	-0,00	35,2	0,34	-0,00	-45,7	0,34	0,00	-29,8
Other deposit-taking corporations	0,03	–	-0,0	0,03	–	-0,0	0,02	–	-0,0
Other financial corporations	0,12	-0,00	-51,5	0,07	–	-33,3	0,08	0,00	-32,8
Non-financial corporations	0,39	-0,00	201,3	0,24	-0,00	-52,0	0,24	0,00	-30,7
non-residents	0,20	0,00	-0,0	0,62	0,00	3,7	0,67	0,00	3,8

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

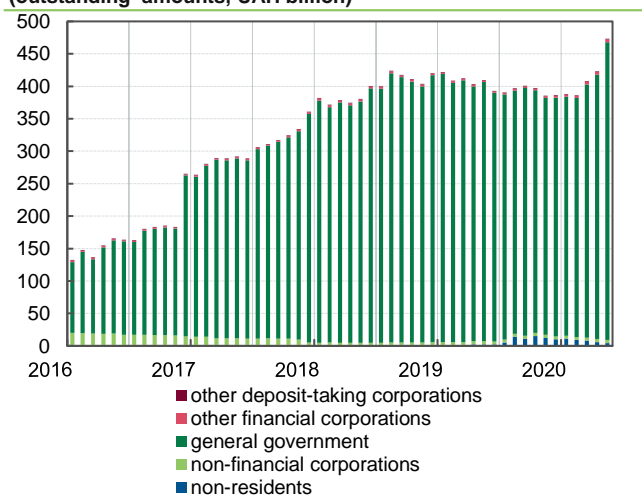


Chart 15. Holdings of shares (outstanding amounts, UAH billion)

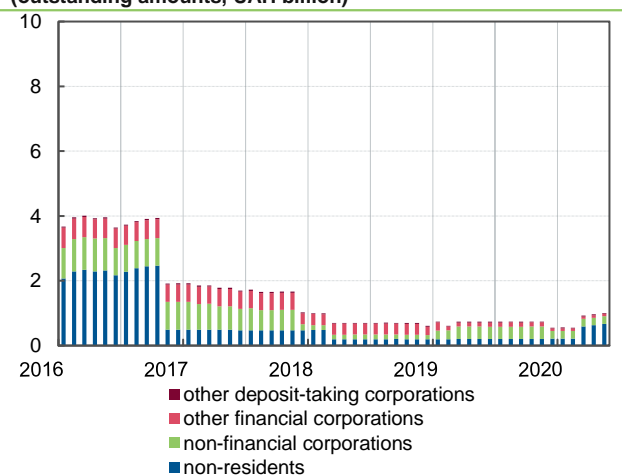


Chart 16. Holdings of securities other than shares (annual growth rates, %)

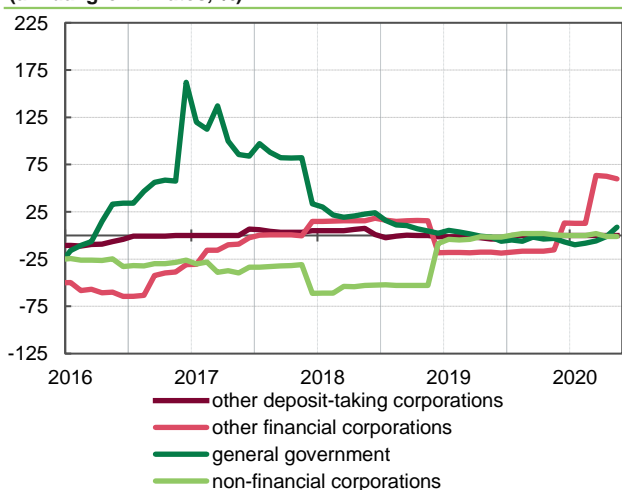
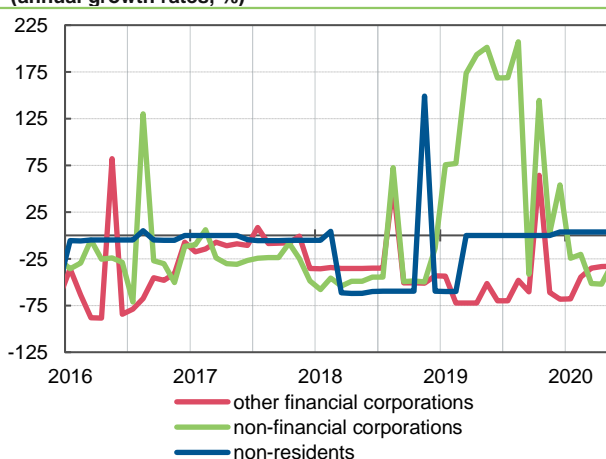


Chart 17. Holdings of shares (annual growth rates, %)



Securities other than shares issued by resident sectors

Table 15. Securities other than shares issued by resident sectors

Components	I quarter 2019			IV quarter 2019			I quarter 2020		
	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	1 460.05	10.77	5.7	1 433.32	3.52	5.7	1 592.40	36.87	7.6
Deposit-taking corporations	3.96	-0.16	395.2	3.38	-0.02	-9.7	3.52	-0.34	-15.4
National Bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	3.96	-0.16	395.2	3.38	-0.02	-9.7	3.52	-0.34	-15.4
Other financial corporations	8.50	-0.60	-9.4	8.07	-0.02	-11.3	8.22	0.14	-3.3
General government	1 380.19	13.75	5.7	1 351.68	5.87	6.1	1 512.92	39.50	8.1
Non-financial corporations	67.39	-2.21	2.4	70.18	-2.31	0.8	67.74	-2.44	0.5

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

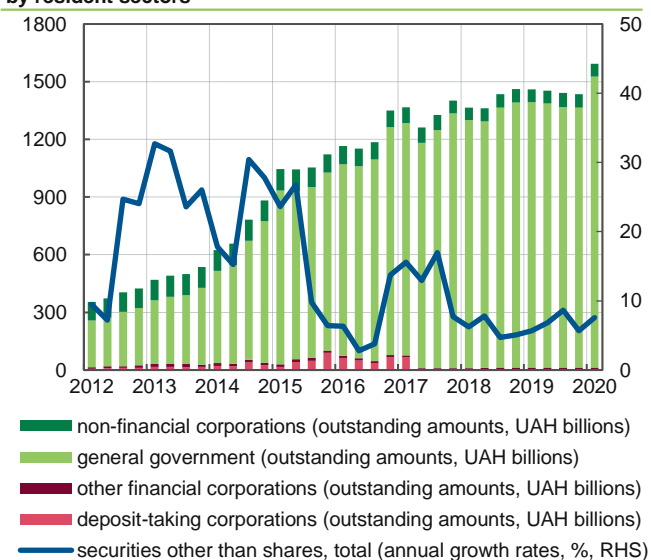
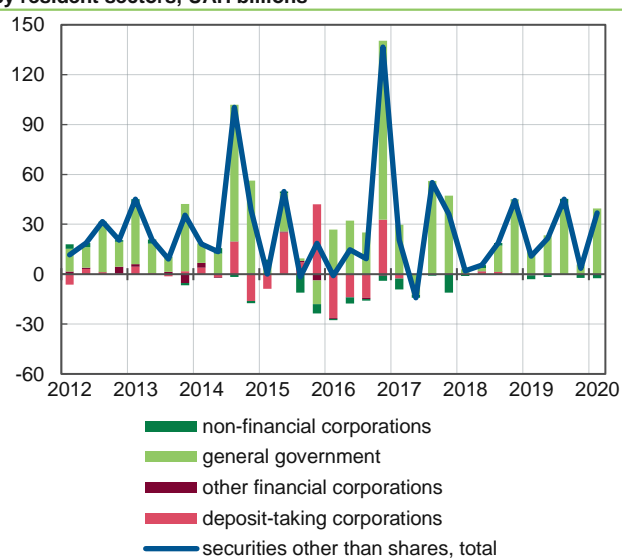


Chart 19. Net issues of securities other than shares issued by resident sectors, UAH billions



Financial Soundness Indicators

Table 16. Financial Soundness Indicators

Components	2019		2020		
	December	January	February	March	April
Core Financial Soundness Indicators					
I1 Regulatory capital to risk-weighted assets	19.66	20.31	20.12	19.29	19.71
I2 Regulatory Tier 1 capital to risk-weighted assets	13.50	14.13	14.11	13.01	14.47
I3 Nonperforming loans net of provisions to capital	25.28	25.14	23.73	25.44	23.52
I4 Nonperforming loans to total gross loans	48.36	49.10	48.75	48.92	49.34
I5 Sectoral distribution of loans to total loans					
Residents	92.83	92.22	92.13	91.73	91.81
Deposit-takers	0.32	0.22	0.21	0.15	0.14
Central bank					
Other financial corporations	0.91	0.73	0.70	0.63	0.58
General government	0.45	0.43	0.42	0.39	0.41
Nonfinancial corporations	70.88	70.29	70.10	70.64	70.77
Other domestic sectors	20.27	20.55	20.70	19.91	19.92
Nonresidents	7.17	7.78	7.87	8.27	8.19
I6 Return on assets	4.70	5.55	6.56	4.49	5.21
I7 Return on equity	37.55	40.85	47.55	32.83	38.04
I8 Interest margin to gross income	47.39	44.73	41.21	44.13	41.24
I9 Noninterest expenses to gross income	55.58	49.31	48.19	54.07	51.16
I10 Liquid assets to total assets	72.28	74.23	74.41	72.67	72.17
I11 Liquid assets to short-term liabilities	94.35	94.68	95.62	92.50	91.04
I12 Net open position in foreign exchange to capital	47.44	29.91	32.24	38.99	38.61
Encouraged Financial Soundness Indicators					
I13 Capital to assets	13.51	13.67	14.21	13.27	13.87
I14 Large exposures to capital	105.00	111.66	112.40	112.08	106.48
I15 Geographical distribution of loans to total loans					
Domestic economy	92.83	92.22	92.13	91.73	91.81
Advanced economies, excluding China	3.92	4.39	4.50	4.67	4.66
Other emerging market and developing countries, including China	3.25	3.40	3.37	3.60	3.53
I16 Gross asset position in financial derivatives to capital	0.45	0.33	0.29	0.31	0.28
I17 Gross liability position in financial derivatives to capital	0.04	0.04	0.05	0.46	0.19
I18 Trading income to total income	9.57	16.61	23.12	16.41	22.92
I19 Personnel expenses to noninterest expenses	40.55	38.60	39.23	39.18	39.26
I20 Spread between reference lending and deposit rates (basis points)	622	631	822	855	720
I21 Spread between highest and lowest interbank rates (basis points)	1 520	1 310	1 011	1 670	1 176
I22 Customer deposits to total (noninterbank) loans	103.08	107.58	108.28	103.32	106.45
I23 Foreign-currency-denominated loans to total loans	41.24	42.83	42.22	44.52	43.95
I24 Foreign-currency-denominated liabilities to total liabilities	42.82	44.51	43.67	47.03	44.67
I26 OFC's financial assets to total financial assets	28.64	–	–	28.85	–
I27 OFC's financial assets to gross domestic product	14.29	–	–	15.04	–
I37 Residential real estate prices (Percentage change/last 12 months)	107.90	–	–	107.00	–
I39 Residential real estate loans to total gross loans	3.10	3.18	3.16	3.23	3.23
I40 Commercial real estate loans to total gross loans	2.87	2.93	2.84	2.97	2.96

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 .