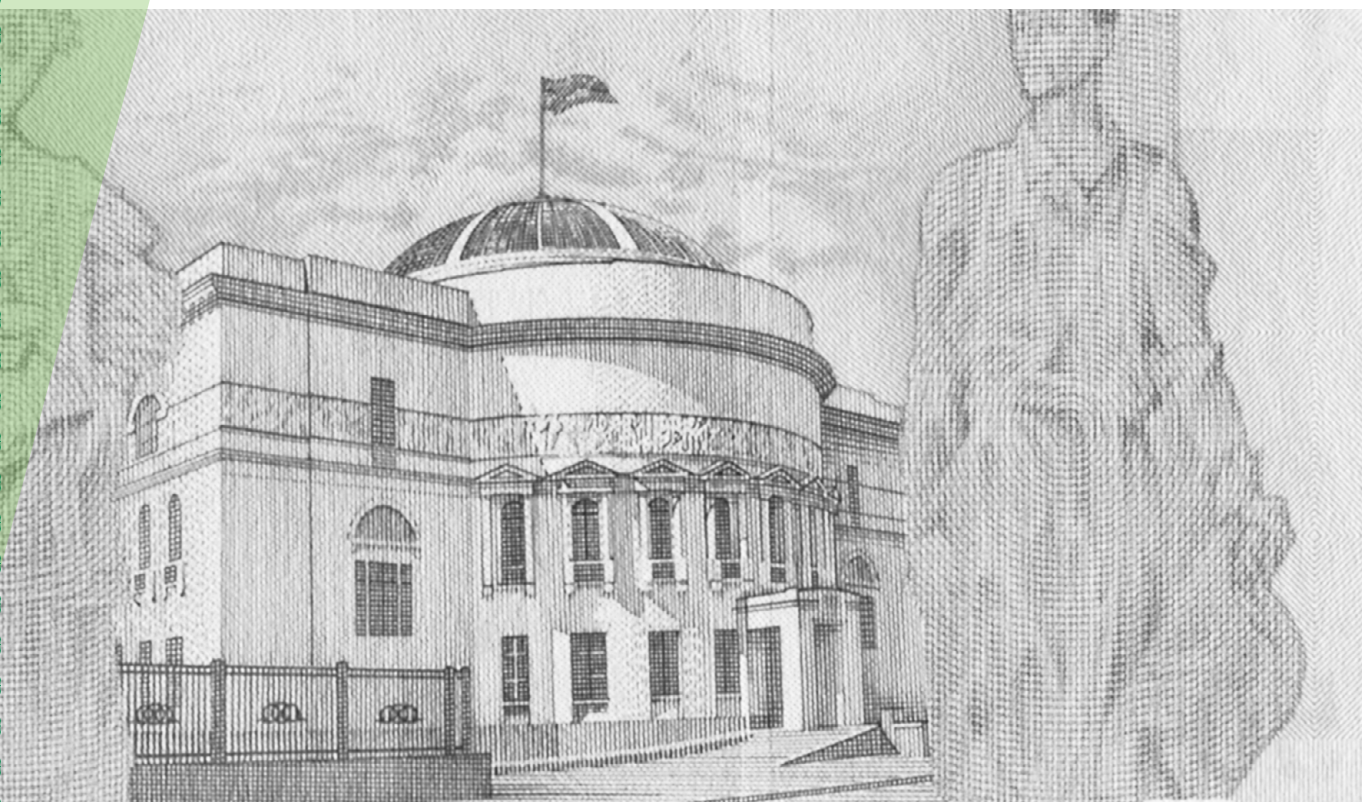




National Bank
of Ukraine

Monetary and Financial Statistics

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

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National Bank of Ukraine monetary policy indicators

Table 1. Interest rate on refinancing

Components	2020									
	4	5	6	7	8	9	10	11	12	
NBU discount rate (end of period)	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Average weighted interest rate on all instruments	8.5	8.0	6.4	6.0	6.0	6.2	6.2	6.1	6.1	6.1
of wich										
loans granted through tender	8.3	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
overnight loans	11.9	10.0	7.0	7.0	–	7.0	7.0	7.0	7.0	7.0

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

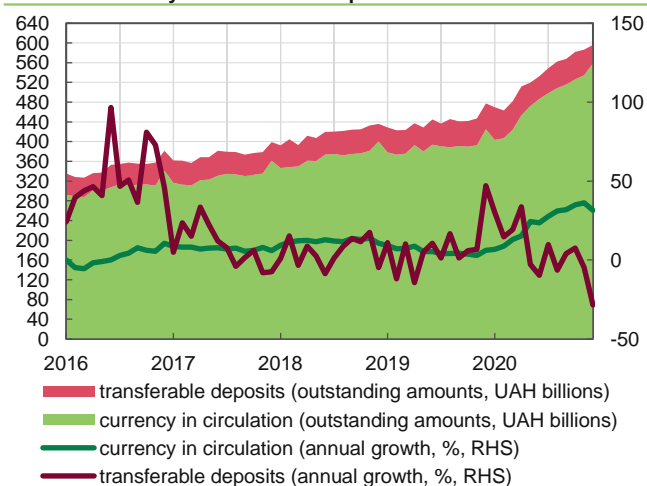
Table 3. Official exchange rate of hryvnia against US dollar and euro, hryvnias

	2020									
	4	5	6	7	8	9	10	11	12	
US Dollar										
period average	27.2247	26.8143	26.7073	27.3128	27.5214	27.9767	28.3250	28.3102	28.1697	28.1697
end of period	26.9714	26.9059	26.6922	27.6913	27.4759	28.2989	28.4383	28.4681	28.2746	28.2746
Euro										
period average	29.5946	29.1871	30.0406	31.2134	32.5390	33.0070	33.3493	33.4769	34.2561	34.2561
end of period	29.2424	29.6234	29.9500	32.5470	32.7334	33.1309	33.2984	33.9596	34.7396	34.7396

Table 4. Monetary base and its components

Components	2019			2020			2020		
	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	477.49	30.77	9.6	586.27	4.55	31.2	595.99	9.72	24.8
of wich									
Currency in circulation	425.04	32.55	6.2	534.70	8.61	36.2	558.48	23.78	31.4
Transferable deposits of other deposit-taking corporations	52.43	-1.68	47.1	51.55	-4.01	-4.7	37.49	-14.06	-28.5
Transferable deposits of other sectors of economy	0.02	-0.10	-42.4	0.02	-0.05	-83.8	0.02	0.00	39.0

Chart 1. Monetary base and its components



Surveys of financial corporations

Table 5. Deposit-taking corporations survey¹

Components	2019			2020			2020		
	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	1 438.31	110.73	17.9	1 767.22	9.11	25.3	1 850.01	82.56	21.1
(2) Other items (net) (3 + 4 – 1)	691.36	-7.84	–	708.11	4.99	–	686.29	-19.99	–
(3) Domestic credit (3.1 + 3.2)	1 649.00	11.65	-4.6	1 826.34	11.10	4.4	1 828.30	3.73	3.9
(3.1) Net claims on the central government	659.50	35.64	–	840.32	7.98	–	863.35	24.29	–
(3.2) Claims on other sectors of economy	989.50	-23.98	-3.4	986.02	3.12	-9.8	964.95	-20.56	-9.5
Other financial corporations	13.90	0.36	14.6	11.14	0.07	-22.4	11.15	0.23	-22.9
State and local government	5.72	0.92	89.2	9.90	0.53	–	11.28	1.48	–
Non-financial corporations	755.31	-20.52	-7.1	752.76	1.86	-11.2	734.06	-18.68	-11.0
Households ²	214.57	-4.74	9.8	212.22	0.66	-6.5	208.45	-3.59	-6.1
(4) Net foreign assets	480.67	91.24	–	648.99	3.00	–	708.00	58.84	–

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

Components	2019			2020			2020		
	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)	1 438.31	110.73	17.9	1 767.22	9.11	25.3	1 850.01	82.56	21.1
(1.1) Currency in circulation outside deposit-taking corporations	384.37	25.03	5.7	493.08	6.23	37.2	516.08	23.00	34.3
(1.2) Transferable deposits in national currency	385.68	47.48	25.4	478.21	8.97	41.4	533.97	55.77	38.5
(1.3) M1 (1.1 + 1.2)	770.04	72.51	14.7	971.29	15.19	39.2	1 050.06	78.77	36.4
(1.4) Transferable deposits in foreign currency	208.19	25.43	62.8	297.11	-0.84	33.0	287.45	-10.36	12.8
(1.5) Other deposits	456.99	12.69	8.6	496.12	-5.16	2.5	509.87	14.20	2.5
(1.6) M2 (1.3 + 1.4 + 1.5)	1 435.22	110.63	18.0	1 764.52	9.19	25.5	1 847.37	82.61	21.2
(1.7) Securities other than shares	3.09	0.10	-7.3	2.71	-0.08	-24.0	2.64	-0.05	-27.7
Counterparts									
Liabilities									
(2) Liabilities excluded from M3	0.62	-7.27	58.8	10.26	0.17	29.4	1.87	-8.40	–
(3) Shares and other equity	354.40	1.60	2.5	447.47	7.25	-1.9	449.10	0.94	-2.2
(4) Other items (net)	336.34	-2.17	–	250.38	-2.43	–	235.32	-12.53	–
Assets									
(5) Domestic credit	1 649.00	11.65	-4.6	1 826.34	11.10	4.4	1 828.30	3.73	3.9
(5.1) Net claims on central government	659.50	35.64	–	840.32	7.98	–	863.35	24.29	–
Claims	722.60	3.90	-6.0	896.49	13.60	17.8	952.92	57.33	24.7
Minus: liabilities	63.10	-31.74	-6.2	56.16	5.62	-45.5	89.57	33.04	29.9
(5.2) Claims on other sectors of economy	989.50	-23.98	-3.4	986.02	3.12	-9.8	964.95	-20.56	-9.5
among them:									
Loans	971.36	-23.27	-3.4	964.61	2.60	-10.2	943.74	-20.66	-10.0
Securities other than shares	10.03	0.37	25.2	13.27	0.11	36.1	13.72	0.77	38.5
Shares and other equity	0.52	-0.13	4.9	0.35	0.00	-52.2	0.35	0.00	-40.3
(6) Net foreign assets	480.67	91.24	–	648.99	3.00	–	708.00	58.84	–

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		
	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	385.68	47.48	25.4	478.21	8.97	41.4	533.97	55.77	38.5
Other financial corporations	9.61	-0.25	14.0	15.46	1.03	56.7	15.91	0.45	65.5
Non-financial corporations	199.82	40.07	31.8	223.10	2.62	39.7	255.82	32.72	28.0
Households ¹	176.25	7.67	19.4	239.64	5.31	42.2	262.25	22.60	48.8
M2 - M1	665.18	38.12	21.6	793.23	-6.00	11.5	797.31	3.84	5.7
Other financial corporations	21.85	0.76	14.3	21.99	-0.54	-1.3	22.35	0.35	-3.2
Non-financial corporations	233.91	29.57	36.0	294.32	-6.65	24.3	293.67	-1.27	8.3
Households ¹	409.42	7.79	15.1	476.92	1.19	5.6	481.29	4.75	4.6
M3 - M2	3.09	0.10	-7.3	2.71	-0.08	-24.0	2.64	-0.05	-27.7
Other financial corporations	0.15	0.05	7.5	0.11	-0.00	7.0	0.11	0.00	-24.7
Non-financial corporations	0.00	-0.04	-99.3	0.00	0.00	-	0.00	0.00	-
Households ¹	2.94	0.09	-7.0	2.60	-0.08	-24.1	2.53	-0.05	-27.8

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

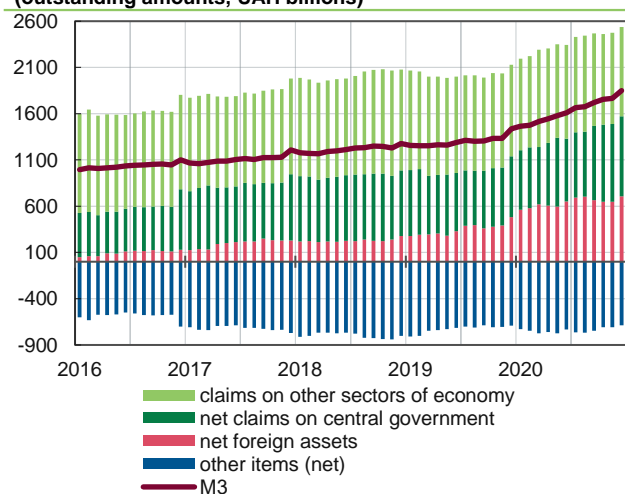


Chart 3. Monetary aggregate M3 and counterpart items (annual growth rates, %)

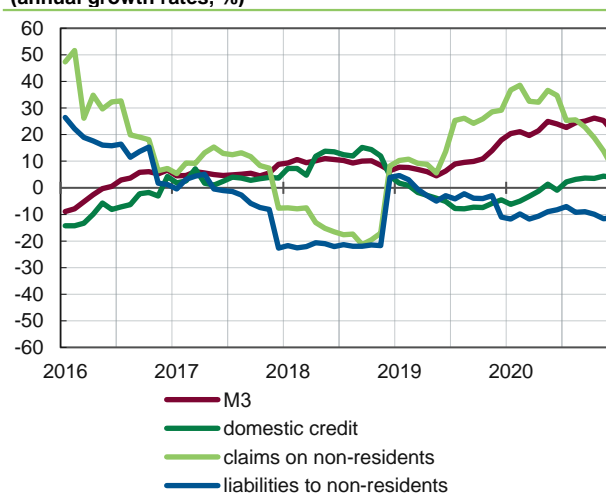
¹ Households and non-profit institutions serving households

Table 8. Financial corporations survey

Components	III quarter 2019			II quarter 2020			III 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	342.93	54.82	-	630.04	55.60	-	642.31	-25.35
(2) Domestic credit	1 900.66	2.51	-5.0	1 979.70	21.74	0.7	2 097.93	79.97	4.6
(2.1) Net claims on central government	635.95	-3.32	-	693.63	49.75	-	817.73	117.29	-
Claims	754.80	10.03	-2.5	845.81	82.30	8.5	880.37	22.67	9.9
Less: liabilities	118.85	13.35	122.3	152.18	32.55	37.2	62.64	-94.62	-53.6
(2.2) Claims on other residents	1 264.71	5.83	-1.0	1 286.06	-28.00	-0.7	1 280.20	-37.32	-4.0
State and local government	3.58	0.61	47.3	7.09	0.51	132.1	9.27	2.22	152.8
Non-financial corporations	1 030.43	-4.27	-3.4	1 040.71	-24.59	-2.6	1 028.94	-40.67	-6.0
Households ¹	230.70	9.49	11.2	238.26	-3.92	6.5	242.00	1.14	2.7
(3) Currency in circulation outside financial corporations	357.63	-0.62	3.3	447.30	59.25	24.9	473.95	26.65	32.5
(4) Deposits	924.23	51.68	11.8	1 135.58	55.65	23.9	1 219.06	51.84	22.6
(5) Securities other than shares	7.49	0.05	-7.2	5.67	-1.37	-26.7	6.82	1.00	-14.4
(6) Loans	0.16	0.01	16.1	0.10	-0.04	-27.6	0.10	0.00	-34.6
(7) Financial derivatives	0.01	0.00	0.0	0.10	0.00	0.0	0.40	0.00	0.0
(8) Insurance technical reserves	30.79	1.00	18.2	33.44	-0.16	12.3	32.19	-1.25	4.5
(9) Shares and other equity	664.42	21.72	4.7	749.38	-10.87	5.8	816.09	31.48	6.7
(10) Other items (net)	258.85	-16.52	-	238.18	-25.11	-	191.64	-55.10	-

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

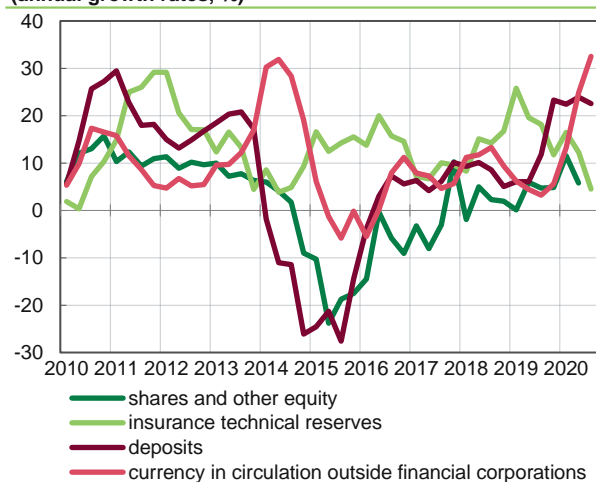
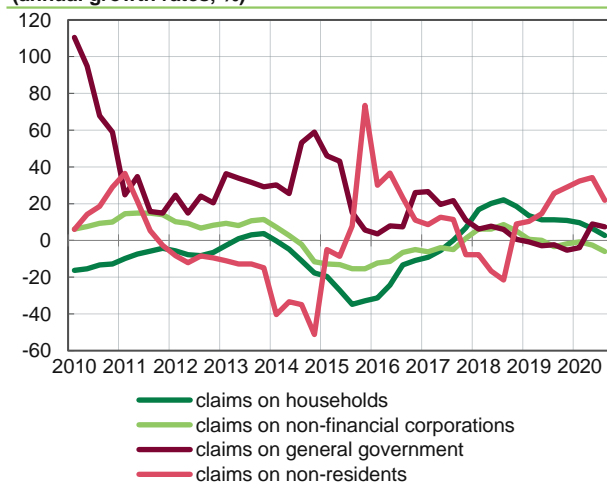


Chart 5. Claims of financial corporations (annual growth rates, %)

¹ Households and non-profit institutions serving households

Loans and deposits

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

Components	2019			2020			2020		
	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	744.65	-19.47	-6.9	742.17	1.61	-11.2	724.16	-17.98	-11.1
hryvnia	426.51	-14.86	-8.0	417.90	3.61	-5.3	409.52	-7.98	-3.9
US dollar	244.20	-5.95	-12.1	236.13	-2.10	-22.7	224.85	-9.64	-24.1
euro	73.71	1.34	27.0	88.09	0.11	-2.4	89.74	-0.37	-4.6
Households	212.52	-4.56	9.8	210.00	0.52	-6.6	206.47	-3.35	-6.1
hryvnia	174.82	1.42	24.9	174.59	2.57	0.7	174.43	-0.16	-0.2
US dollar	35.21	-5.76	-28.2	32.65	-2.00	-44.3	29.35	-3.07	-41.4
euro	1.25	-0.11	-12.5	1.40	-0.04	-26.5	1.34	-0.09	-25.5
Deposits									
Non-financial corporations	433.73	69.63	34.3	517.42	-4.03	30.6	549.49	31.45	16.4
hryvnia	268.17	45.86	20.6	314.74	-3.31	41.6	361.29	46.55	34.7
US dollar	127.72	26.89	76.2	132.64	-1.77	8.3	117.17	-14.52	-23.7
euro	35.55	-3.44	23.3	67.36	1.12	35.4	68.04	-0.86	46.6
Households	576.13	15.70	16.4	703.31	6.24	15.5	730.32	27.41	16.7
hryvnia	339.17	11.99	17.2	409.36	5.25	25.1	433.42	24.06	27.8
US dollar	198.40	3.11	14.4	240.78	0.29	2.7	241.52	2.37	2.1
euro	37.54	0.57	20.9	51.67	0.71	8.6	53.85	0.98	9.0

Chart 6. Loans

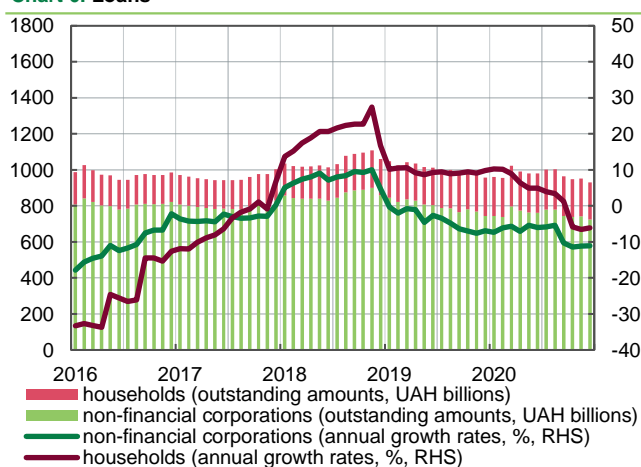


Chart 7. Deposits

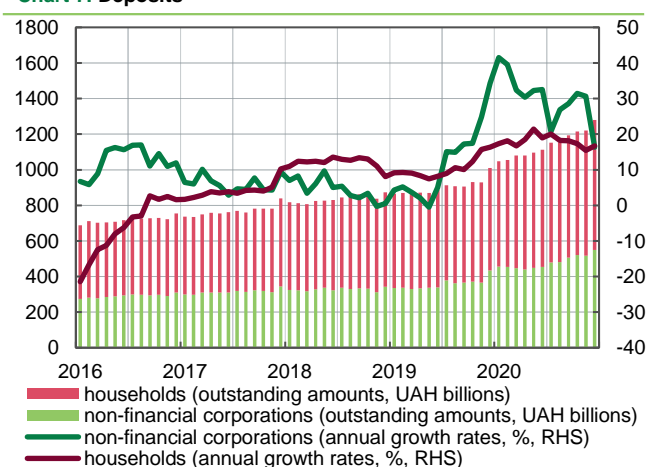


Chart 8. Loans (annual growth rates, %)

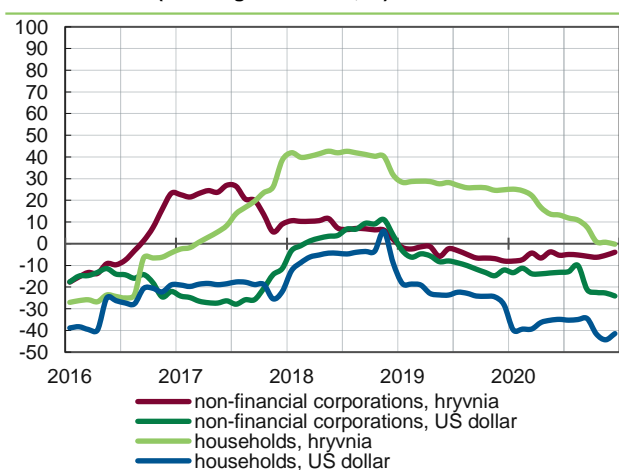


Chart 9. Deposits (annual growth rates, %)

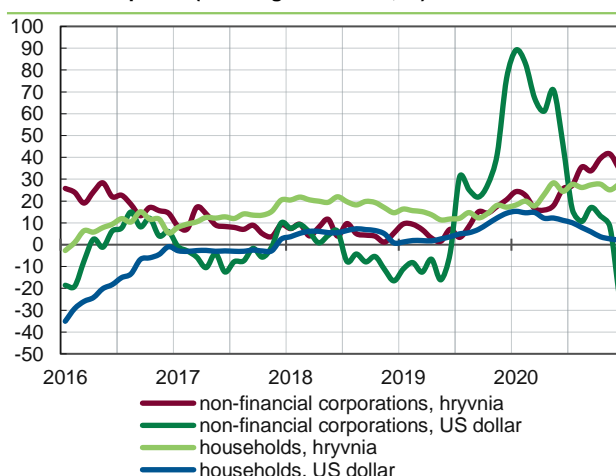


Table 10. Loans and deposits of non-financial corporations and households, by original maturities

Components	2019			2020			2020		
	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, %
Loans									
Non-financial corporations	744.65	-19.47	-6.9	742.17	1.61	-11.2	724.16	-17.98	-11.1
up to 1 year	375.33	-11.09	-4.7	381.57	-0.56	-6.1	371.86	-9.50	-5.7
over 1 year and up to 5 years	235.42	-7.33	-7.3	241.81	2.29	-9.9	233.46	-8.32	-10.4
over 5 years	133.90	-1.05	-11.8	118.80	-0.12	-22.4	118.84	-0.16	-21.9
Households	212.52	-4.56	9.8	210.00	0.52	-6.6	206.47	-3.35	-6.1
up to 1 year	92.58	1.53	26.6	91.84	1.58	0.7	90.80	-1.04	-2.1
over 1 year and up to 5 years	64.68	0.11	22.9	64.35	0.83	-1.3	64.58	0.24	-1.1
over 5 years	55.25	-6.19	-17.4	53.81	-1.88	-20.4	51.10	-2.56	-15.8
Deposits									
Non-financial corporations	433.73	69.63	34.3	517.42	-4.03	30.6	549.49	31.45	16.4
on demand	313.15	66.23	54.5	370.34	3.33	36.9	383.76	12.83	11.8
up to 1 year	90.26	3.27	1.1	122.58	-3.22	33.7	136.94	14.32	43.9
over 1 year and up to 2 years	12.23	0.29	-0.8	17.91	-2.07	41.8	21.57	3.67	66.8
over 2 years	18.10	-0.16	-2.4	6.59	-2.07	-69.8	7.22	0.63	-66.6
Households	576.13	15.70	16.4	703.31	6.24	15.5	730.32	27.41	16.7
on demand	240.12	10.06	24.0	350.99	8.23	42.7	379.00	27.90	47.7
up to 1 year	237.69	4.13	21.6	238.51	-1.40	-6.4	237.49	-0.71	-8.2
over 1 year and up to 2 years	92.67	1.37	-6.6	105.21	-1.05	2.8	104.88	-0.15	1.1
over 2 years	5.64	0.15	-6.5	8.60	0.46	35.1	8.94	0.37	37.2

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

Components	2019			2020			2020		
	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	212.52	-4.56	9.8	210.00	0.52	-6.6	206.47	-3.35	-6.1
consumer loans	173.70	-1.63	...	172.97	2.25	...	170.72	-2.18	...
hryvnia	158.34	1.32	...	158.14	2.40	...	157.59	-0.55	...
US dollar	14.42	-2.82	...	13.72	-0.14	...	12.08	-1.54	...
euro	0.50	-0.08	...	0.58	-0.00	...	0.53	-0.07	...
lending for house purchase	32.61	-3.09	...	30.80	-1.86	...	28.92	-1.77	...
hryvnia	10.65	-0.11	...	10.71	0.04	...	10.90	0.19	...
US dollar	20.51	-2.90	...	18.59	-1.87	...	16.53	-1.92	...
euro	0.65	-0.03	...	0.68	-0.03	...	0.66	-0.03	...
other loans	6.20	0.16	...	6.23	0.13	...	6.83	0.60	...

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

Components	2019			2020			2020		
	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	212.52	-4.56	9.8	210.00	0.52	-6.6	206.47	-3.35	-6.1
consumer loans	173.70	-1.63	...	172.97	2.25	...	170.72	-2.18	...
up to 1 year	89.16	1.57	...	89.38	1.55	...	88.39	-0.98	...
over 1 year and up to 5 years	59.85	0.06	...	58.95	0.75	...	58.94	0.00	...
over 5 years	24.69	-3.27	...	24.65	-0.05	...	23.39	-1.20	...
lending for house purchase	32.61	-3.09	...	30.80	-1.86	...	28.92	-1.77	...
up to 1 year	0.62	-0.10	...	0.41	-0.03	...	0.40	-0.00	...
over 1 year and up to 5 years	1.66	-0.08	...	1.44	-0.01	...	1.42	-0.02	...
over 5 years	30.33	-2.91	...	6.42	-1.82	...	5.87	-1.75	...
other loans	6.20	0.16	...	6.23	0.13	...	6.83	0.60	...

Interest rates

Table 13. Interest rates on loans¹ and deposits in December 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	8.79	-0.17	269.0	29.90	-0.52	46.0
hryvnia	9.25	-0.13	239.2	29.92	-0.52	45.9
US dollar	5.30	0.44	21.5	21.65	0.24	0.07
euro	4.72	-0.71	8.3	35.28	11.73	0.01
Outstanding amounts of loans	10.73	0.17	724.2	31.14	1.25	206.5
hryvnia	14.75	0.11	409.5	33.15	1.17	174.4
US dollar	7.22	-0.13	224.8	11.31	0.41	29.3
euro	7.00	0.17	89.7	6.70	0.18	1.3
New business on deposits	3.62	-0.01	250.7	5.29	0.08	67.3
hryvnia	3.73	-0.00	239.9	7.64	-0.24	42.8
US dollar	1.30	-0.17	7.2	1.27	-0.05	21.1
euro	0.74	-0.45	3.6	0.79	0.02	3.4
Outstanding amounts of deposits	3.86	0.10	549.5	5.61	-0.02	730.3
hryvnia	5.20	-0.08	361.3	8.66	-0.05	433.4
US dollar	0.93	0.14	117.2	1.77	-0.04	241.5
euro	0.55	0.09	68.0	0.97	-0.03	53.9

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

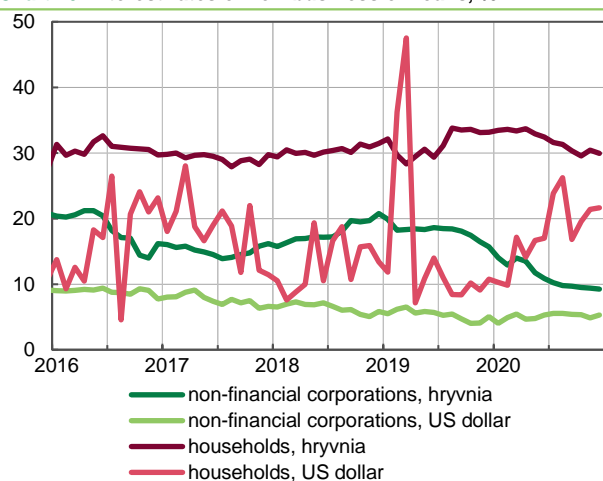


Chart 11. Interest rates of new business on deposits, %

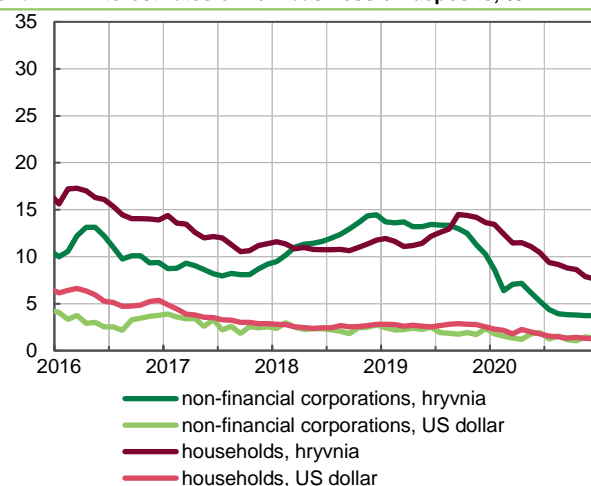


Chart 12. Interest rates on outstanding amounts of loans, %

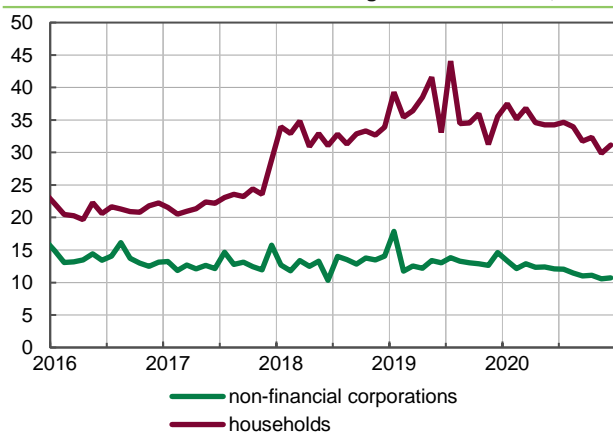
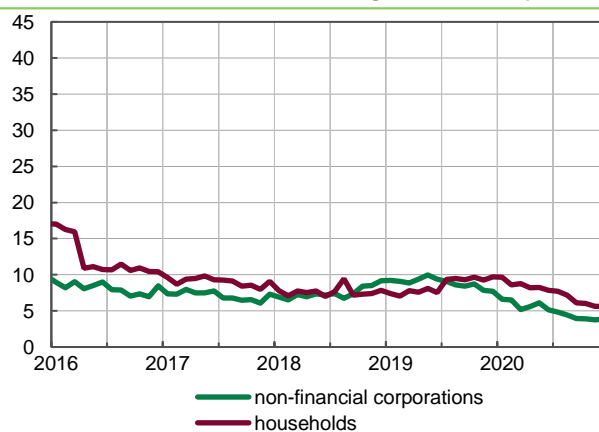


Chart 13. Interest rates on outstanding amounts of deposits, %



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		
	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	386,60	0,96	-4,2	567,44	18,43	32,5	627,18	61,04	46,4
residents	376,65	3,14	-6,7	556,96	18,10	34,6	613,30	57,59	47,2
National bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	0,97	–	–	0,95	–	-2,4	0,95	–	-2,4
Other financial corporations	2,87	0,13	13,2	4,10	-0,01	53,4	4,02	0,14	50,6
General government	368,06	3,05	-6,9	547,35	18,16	35,0	603,91	57,58	48,0
Non-financial corporations	4,75	-0,04	0,1	4,56	-0,05	-6,2	4,42	-0,13	-8,0
Other residents	–	–	–	–	–	–	–	–	–
non-residents	9,95	-2,18	–	10,49	0,33	-28,2	13,87	3,45	15,9
Holdings of shares	0,55	-0,20	-15,7	1,10	-0,00	-28,5	1,00	-0,12	-14,1
residents	0,34	-0,20	-24,8	0,34	-0,00	-43,6	0,35	-0,00	-9,7
Other deposit-taking corporations	0,03	–	-0,0	0,03	–	0,0	0,03	–	0,0
Other financial corporations	0,08	-0,05	-68,2	0,08	–	-39,2	0,08	–	-0,8
Non-financial corporations	0,24	-0,15	54,0	0,24	-0,00	-47,8	0,24	-0,00	-13,6
non-residents	0,21	0,01	3,6	0,75	-0,00	3,7	0,66	-0,12	-16,5

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

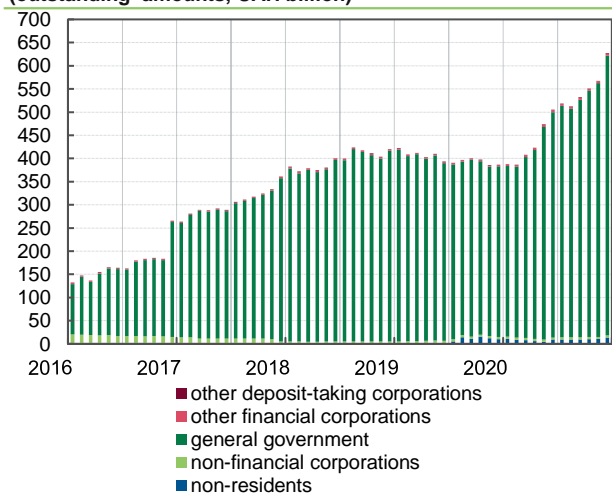


Chart 15. Holdings of shares (outstanding amounts, UAH billion)

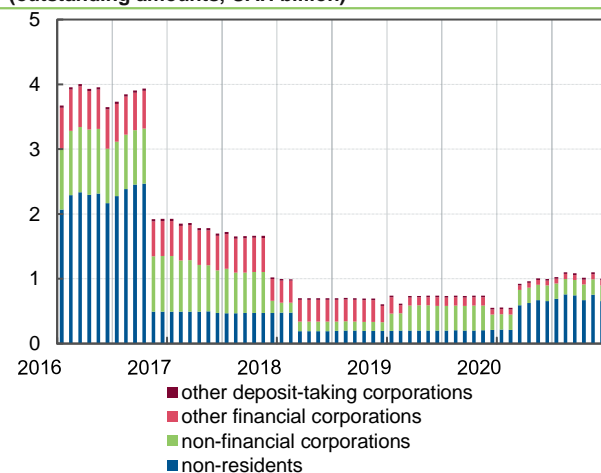


Chart 16. Holdings of securities other than shares (annual growth rates, %)

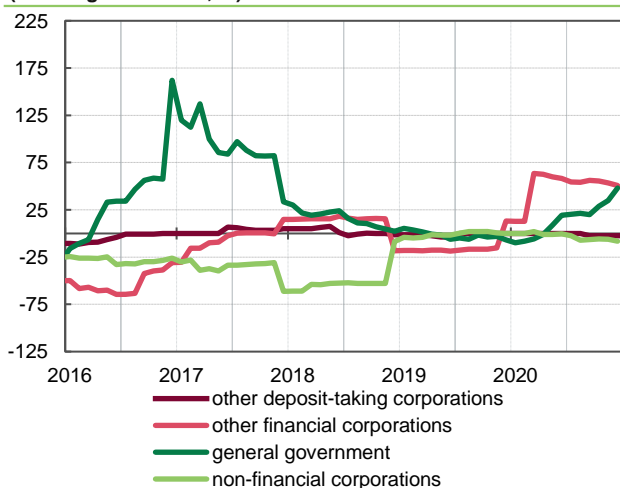
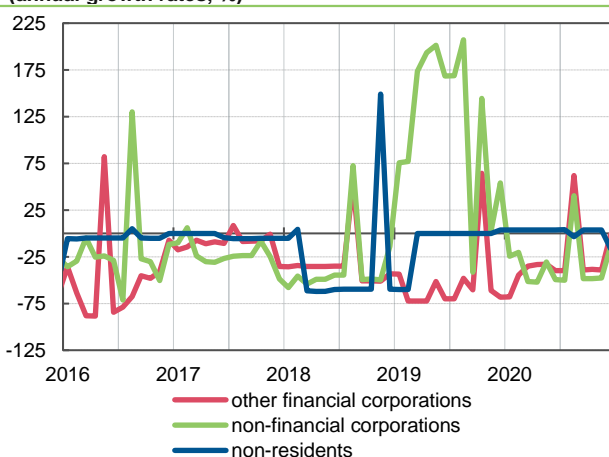


Chart 17. Holdings of shares (annual growth rates, %)



Securities other than shares issued by resident sectors

Table 15. Securities other than shares issued by resident sectors

Components	III quarter 2019			II quarter 2020			III 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	1 439.58	45.13	8.7	1 574.22	19.1	7.3	1 610.22	-11.20	3.3
Deposit-taking corporations	3.36	0.10	-0.1	3.07	-0.31	-16.1	3.16	-0.06	-20.1
National Bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	3.36	0.10	-0.1	3.07	-0.31	-16.1	3.16	-0.06	-20.1
Other financial corporations	8.09	-0.25	-16.3	6.96	-1.26	-16.6	7.97	1.01	-1.5
General government	1 355.64	38.93	9.0	1 482.56	6.78	6.8	1 515.69	-13.92	2.9
Non-financial corporations	72.49	6.34	5.0	81.63	13.89	23.4	83.40	1.76	15.1

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

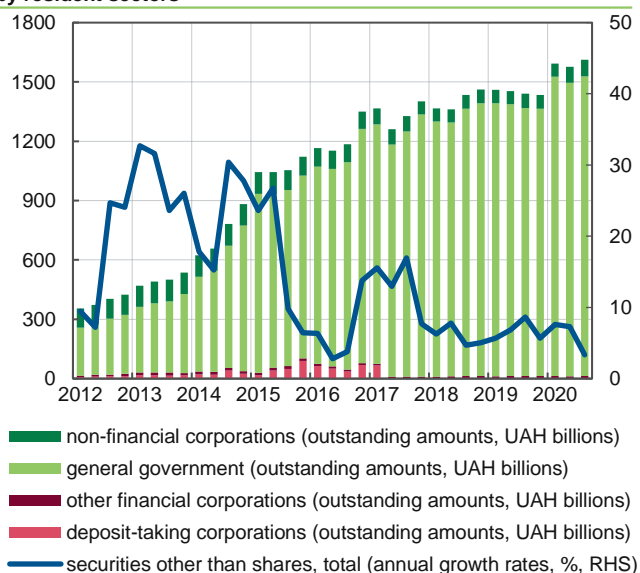
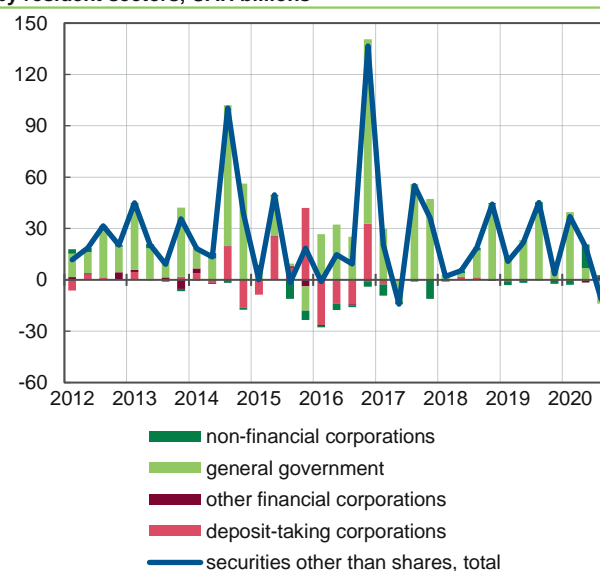


Chart 19. Net issues of securities other than shares issued by resident sectors, UAH billions



Financial Soundness Indicators

Table 16. Financial Soundness Indicators

Components	2020				
	July	August	September	October	November
Core Financial Soundness Indicators					
I1 Regulatory capital to risk-weighted assets	21.52	21.44	21.91	21.76	21.63
I2 Regulatory Tier 1 capital to risk-weighted assets	15.38	15.36	16.05	15.74	15.51
I3 Nonperforming loans net of provisions to capital	25.03	24.53	23.14	22.53	22.69
I4 Nonperforming loans to total gross loans	48.12	48.05	45.62	43.37	42.03
I5 Sectoral distribution of loans to total loans					
Residents	93.54	93.54	93.28	94.08	95.99
Deposit-takers	0.22	0.17	0.27	0.23	0.29
Central bank					
Other financial corporations	0.58	0.58	0.65	0.55	0.56
General government	0.49	0.51	0.58	0.61	0.65
Nonfinancial corporations	71.84	71.65	70.64	72.18	73.61
Other domestic sectors	20.41	20.62	21.14	20.52	20.88
Nonresidents	6.46	6.46	6.72	5.92	4.01
I6 Return on assets	3.36	3.32	3.42	3.24	3.18
I7 Return on equity	25.41	25.29	26.24	25.05	24.70
I8 Interest margin to gross income	43.92	44.36	44.27	44.85	45.07
I9 Noninterest expenses to gross income	55.12	56.18	56.67	57.69	58.41
I10 Liquid assets to total assets	71.45	71.01	71.71	71.07	70.38
I11 Liquid assets to short-term liabilities	88.79	88.83	89.68	88.50	88.55
I12 Net open position in foreign exchange to capital	35.51	36.09	35.58	35.11	35.36
Encouraged Financial Soundness Indicators					
I13 Capital to assets	12.21	12.36	12.30	12.20	12.22
I14 Large exposures to capital	95.44	94.17	88.35	85.20	84.60
I15 Geographical distribution of loans to total loans					
Domestic economy	93.54	93.54	93.28	94.08	95.99
Advanced economies, excluding China	5.16	5.18	5.39	5.88	3.96
Other emerging market and developing countries, including China	1.30	1.29	1.33	0.04	0.05
I16 Gross asset position in financial derivatives to capital	0.27	0.47	0.38	0.27	0.58
I17 Gross liability position in financial derivatives to capital	0.22	0.16	0.24	0.23	0.22
I18 Trading income to total income	17.68	16.45	15.65	14.33	13.25
I19 Personnel expenses to noninterest expenses	38.71	38.12	37.82	37.61	37.43
I20 Spread between reference lending and deposit rates (basis points)	780	781	763	734	800
I21 Spread between highest and lowest interbank rates (basis points)	864	1 065	1 324	950	950
I22 Customer deposits to total (noninterbank) loans	114.92	114.63	122.63	128.62	131.48
I23 Foreign-currency-denominated loans to total loans	43.42	43.42	42.03	41.39	39.82
I24 Foreign-currency-denominated liabilities to total liabilities	44.01	43.02	43.06	42.28	41.68
I26 OFC's financial assets to total financial assets	–	–	28.56	–	–
I27 OFC's financial assets to gross domestic product	–	–	16.28	–	–
I37 Residential real estate prices (Percentage change/last 12 months)	–	–	107.70	–	–
I39 Residential real estate loans to total gross loans	3.29	3.26	3.37	3.19	3.05
I40 Commercial real estate loans to total gross loans	2.99	2.89	2.42	2.41	2.46

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/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 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 .