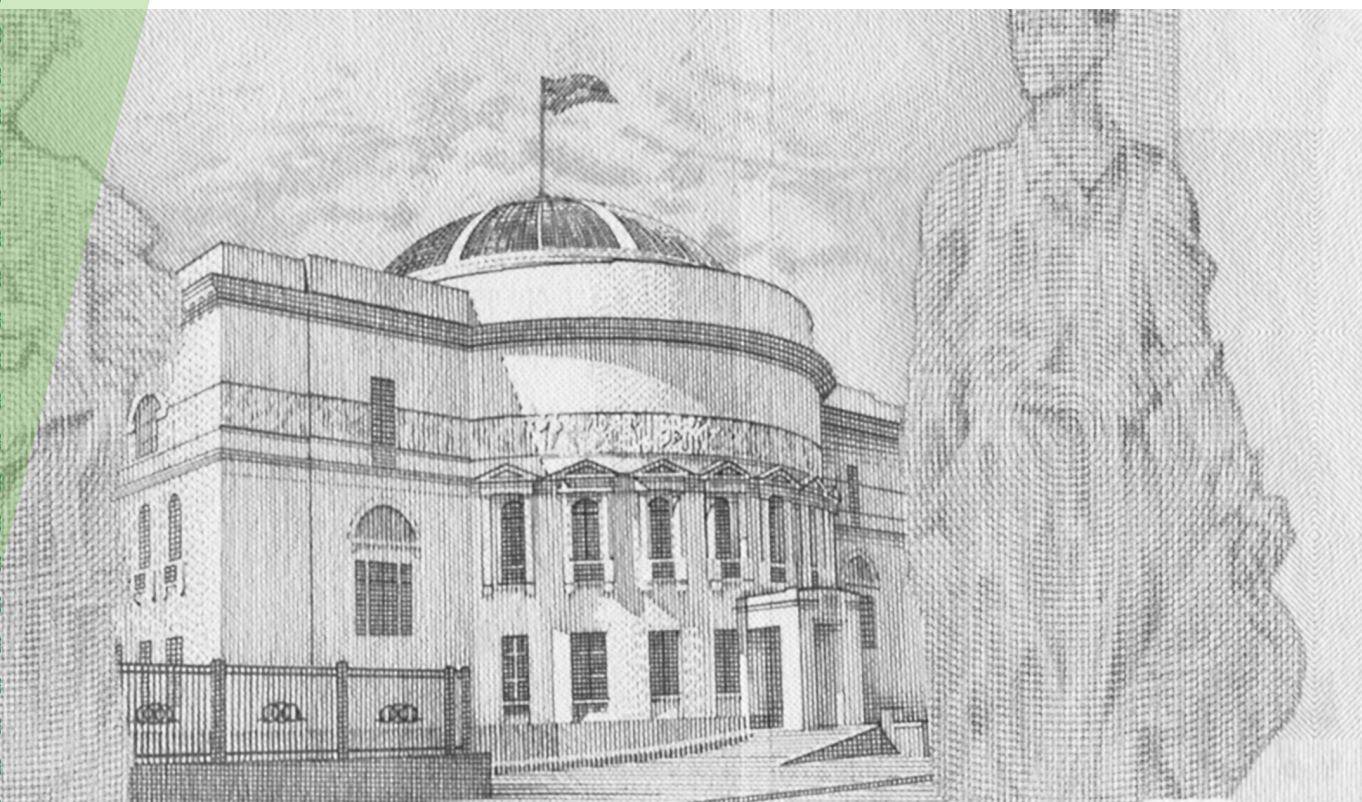




National Bank
of Ukraine

Monetary and Financial Statistics

March 2019



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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. Monetary and financial statistics» on the official website of the National Bank of Ukraine:

https://bank.gov.ua/control/en/publish/article?art_id=8782121&cat_id=8782106

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.

Table 1. Interest rate on refinancing

Components	2018						2019		
	7	8	9	10	11	12	1	2	3
NBU discount rate (end of period)	17.5	17.5	18.0	18.0	18.0	18.0	18.0	18.0	18.0
Average weighted interest rate on all instruments	19.3	19.5	19.9	20.0	20.0	20.0	19.5	18.0	18.1
of which									
loans granted through tender	19.3	19.5	20.0	20.0	20.0	20.0	18.0	18.0	18.0
overnight loans	19.3	19.5	19.9	20.0	20.0	20.0	20.0	20.0	20.0
repo transactions	–	–	–	–	–	–	–	–	–
other long-term loans	–	–	–	–	–	–	–	–	–

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

	2018						2019		
	7	8	9	10	11	12	1	2	3
100 US Dollar									
period average	2640.07	2748.22	2819.13	2812.74	2793.35	2778.91	2787.92	2716.07	2686.35
end of period	2675.52	2827.94	2829.83	2816.44	2839.09	2768.83	2775.55	2699.28	2724.88
100 Euro									
period average	3082.74	3174.88	3289.82	3233.52	3175.85	3164.25	3181.75	3084.84	3040.44
end of period	3126.08	3306.43	3312.88	3202.86	3232.88	3171.41	3172.18	3073.40	3056.77

Table 4. Monetary base and its components

Components	2018			2019			2019		
	March	March	March	February	February	February	March	March	March
	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, %
Monetary base	393.23	-11.59	10.2	423.24	-5.68	4.5	423.72	0.48	7.8
of which									
Currency in circulation	349.39	0.77	12.2	373.66	-4.36	7.2	375.40	1.74	7.4
Transferable deposits of other deposit-taking corporations	43.81	-12.37	-3.5	49.54	-1.32	-11.8	48.28	-1.26	10.2
Transferable deposits of other sectors of economy	0.04	0.00	215.2	0.04	0.00	7.4	0.04	-0.00	-0.7

Chart 1. Monetary base and its components

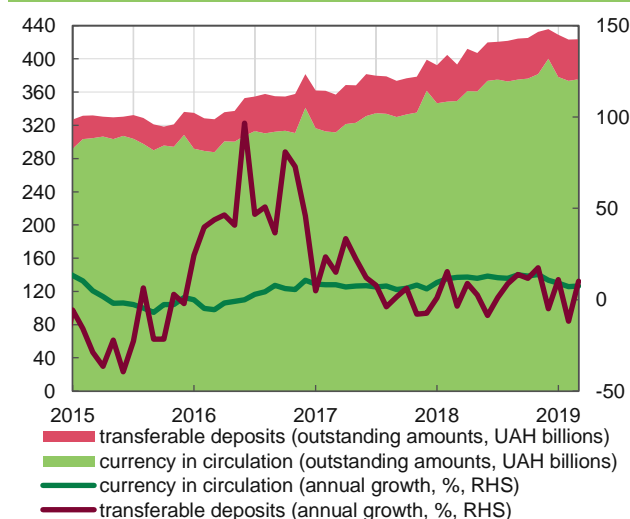


Table 5. Deposit-taking corporations survey¹

Components	2018			2019			2019		
	March			February			March		
	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	1 168.82	3.91	9.5	1 255.36	7.59	7.6	1 253.06	-4.70	6.9
(2) Other items (net) (3 + 4 – 1)	767.49	-26.13	–	800.50	2.76	–	747.75	-57.69	–
(3) Domestic credit (3.1 + 3.2)	1 723.18	-17.94	4.7	1 764.30	-8.24	0.9	1 704.13	-63.95	-1.8
(3.1) Net claims on the central government	673.12	-25.31	–	710.28	3.23	–	632.88	-78.17	–
(3.2) Claims on other sectors of economy	1 050.05	7.36	8.4	1 054.03	-11.47	0.3	1 071.25	14.22	0.9
Other financial corporations	13.58	-0.05	-8.3	11.12	-0.29	-19.1	11.60	0.46	-15.5
State and local government	0.94	-0.16	83.7	2.94	-0.00	168.1	2.94	0.00	–
Non-financial corporations	854.74	4.70	6.9	835.41	-12.52	-1.8	848.03	10.17	-1.2
Households ²	180.79	2.87	17.1	204.57	1.35	10.6	208.69	3.59	10.8
(4) Net foreign assets	213.13	-4.27	–	291.55	18.60	–	296.68	1.56	–

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

Components	2018			2019			2019		
	March			February			March		
	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)	1 168.82	3.91	9.5	1 255.36	7.59	7.6	1 253.06	-4.70	6.9
(1.1) Currency in circulation outside deposit-taking corporations (M0)	323.44	2.21	11.2	343.07	-5.70	6.8	343.51	0.44	6.2
(1.2) Transferable deposits in national currency	265.84	2.17	21.1	311.87	6.03	18.3	306.29	-5.59	15.2
(1.3) M1 (1.1 + 1.2)	589.28	4.38	15.5	654.95	0.33	12.0	649.80	-5.15	10.3
(1.4) Transferable deposits in foreign currency	147.75	0.74	11.3	150.66	5.33	3.0	152.36	0.87	3.1
(1.5) Other deposits	431.08	-1.59	1.7	446.13	1.97	2.8	447.26	-0.41	3.1
(1.6) M2 (1.3 + 1.4 + 1.5)	1 168.11	3.53	9.4	1 251.74	7.63	7.4	1 249.42	-4.69	6.6
(1.7) Securities other than shares	0.70	0.39	–	3.62	-0.04	–	3.64	-0.01	–
Counterparts									
Liabilities									
(2) Liabilities excluded from M3	15.32	2.58	32.3	7.51	2.65	-40.4	8.04	0.53	-46.9
(3) Shares and other equity	339.87	-38.41	-10.2	392.44	8.57	-0.8	337.45	-57.70	-6.0
(4) Other items (net)	412.29	9.71	–	400.55	-8.46	–	402.26	-0.52	–
Assets									
(5) Domestic credit	1 723.18	-17.94	4.7	1 764.30	-8.24	0.9	1 704.13	-63.95	-1.8
(5.1) Net claims on central government	673.12	-25.31	–	710.28	3.23	–	632.88	-78.17	–
Claims	777.44	14.75	6.0	766.62	-6.02	0.6	765.98	-1.74	-1.5
Minus: liabilities	104.32	40.06	89.1	56.35	-9.26	-11.9	133.09	76.42	28.4
(5.2) Claims on other sectors of economy, among them:	1 050.05	7.36	8.4	1 054.03	-11.47	0.3	1 071.25	14.22	0.9
Loans	1 029.61	4.20	9.0	1 035.94	-10.67	0.2	1 053.75	14.78	1.3
Securities other than shares	8.44	-0.20	-46.9	7.79	0.06	-9.6	7.62	-0.18	-9.6
Shares and other equity	0.56	0.02	-44.8	0.50	-0.13	-7.5	0.64	0.17	21.3
(6) Net foreign assets	213.13	-4.27	–	291.55	18.60	–	296.68	1.56	–

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		
	March			February			March		
	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	265.84	2.17	21.1	311.87	6.03	18.3	306.29	-5.59	15.2
Other financial corporations	8.48	-0.77	11.8	10.07	0.77	8.9	9.00	-1.08	6.1
Non-financial corporations	135.13	0.39	9.0	155.19	2.72	15.2	148.32	-6.86	9.8
Households ¹	122.23	2.55	39.1	146.61	2.54	22.5	148.96	2.36	21.9
M2 - M1	578.83	-0.86	4.0	596.79	7.30	2.8	599.62	0.46	3.0
Other financial corporations	19.65	0.79	1.7	19.89	-0.32	5.2	19.57	-0.35	-0.8
Non-financial corporations	183.04	-3.29	-0.2	182.46	2.79	-1.9	182.20	-0.87	-0.6
Households ¹	376.15	1.64	6.3	394.44	4.83	5.0	397.85	1.68	5.0
M3 - M2	0.70	0.39	94.5	3.62	-0.04	-	3.64	-0.01	-
Other financial corporations	0.06	0.02	9.0	0.06	-0.05	31.7	0.16	0.10	-
Non-financial corporations	0.05	0.00	-56.7	0.06	0.06	18.3	0.00	-0.06	-96.0
Households ¹	0.59	0.36	-	3.50	-0.04	-	3.48	-0.05	-

¹ Households and non-profit institutions serving households

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

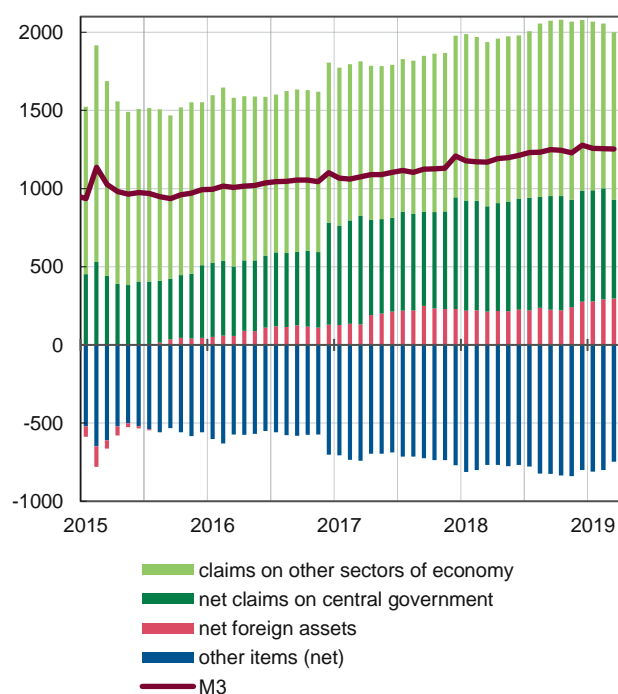


Chart 3. Monetary aggregate M3 and counterpart items (annual growth rates, %)

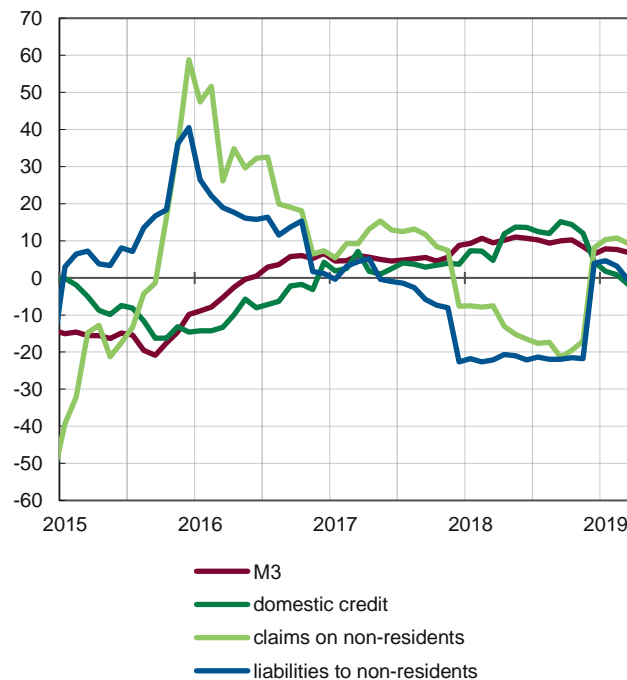


Table 8. Financial corporations survey

Components	III quarter 2017			II quarter 2018			III quarter 2018		
	outstanding amounts at end of period, UAH	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH	trans-actions for period, UAH billions	annual growth rates, %	outstanding amounts at end of period, UAH	trans-actions for period, UAH billions	annual growth rates, %
(1) Net foreign assets	220.92	33.26	-	196.00	3.22	-	197.05	-11.62	-
(2) Domestic credit	1 807.99	14.85	2.5	1 956.96	50.32	12.7	2 060.84	49.14	14.6
(2.1) Net claims on central government									
Claims	610.33	2.09	-	718.45	43.63	-	735.59	6.91	-
Less: liabilities	756.23	18.15	22.2	777.11	-1.60	7.6	794.31	4.52	5.7
Less: liabilities	145.90	16.05	30.4	58.66	-45.23	-55.9	58.72	-2.38	-62.4
(2.2) Claims on other residents	1 197.66	12.76	-4.4	1 238.50	6.69	8.2	1 325.25	42.24	10.7
State and local government	0.31	-0.27	-87.8	1.39	0.45	140.4	2.42	1.04	-
Non-financial corporations	1 021.76	8.53	-4.9	1 041.75	-0.04	6.2	1 106.62	32.75	8.6
Households ¹	175.58	4.50	0.0	195.36	6.28	20.1	216.21	8.44	22.1
(3) Currency in circulation outside financial corporations	305.59	-1.38	4.7	342.99	20.41	11.7	346.35	3.36	13.3
(4) Deposits	805.79	13.21	6.1	855.98	31.55	10.1	886.83	2.25	8.6
(5) Securities other than shares	5.55	-0.19	-22.6	6.85	1.85	13.9	8.62	1.58	44.9
(6) Loans	0.14	0.00	-162.4	0.37	-0.89	152.7	0.37	0.00	163.2
(7) Financial derivatives	0.01	0.00	0.0	0.02	0.00	0.0	0.04	0.00	0.0
(8) Insurance technical reserves	22.80	1.17	10.0	24.91	1.97	15.1	26.06	1.15	14.3
(9) Shares and other equity	635.40	43.42	-3.1	605.72	-11.13	5.2	655.12	27.64	2.5
(10) Other items (net)	253.62	-8.11	-	316.13	9.76	-	334.50	1.54	-

¹ Households and non-profit institutions serving households

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

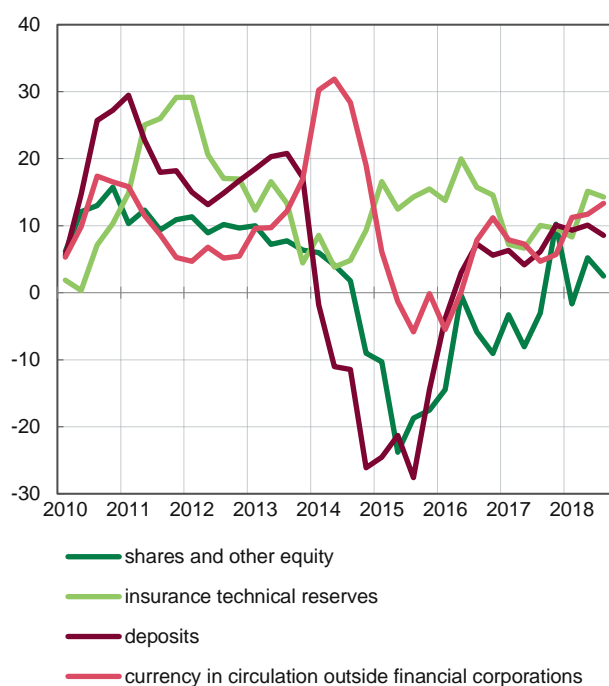


Chart 5. Claims of financial corporations (annual growth rates, %)

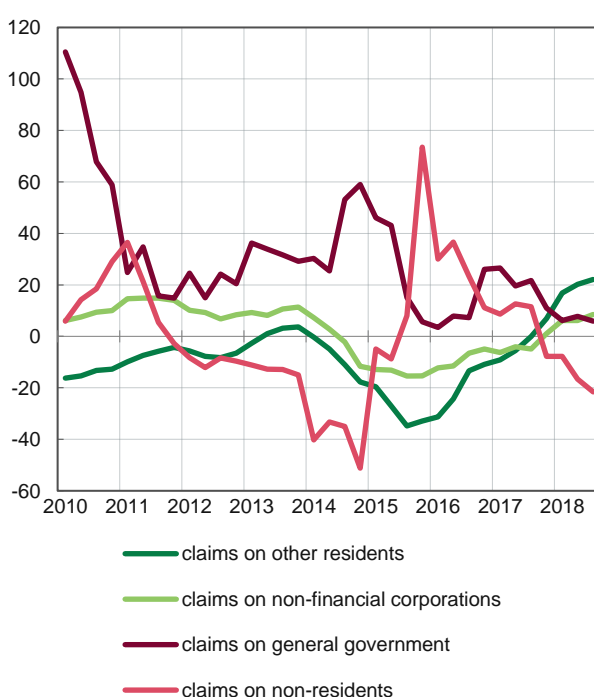


Table 9. Loans and deposits of non-financial corporations and households, by currencies

Components	2018			2019			2019		
	March			February			March		
	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	839.34	0.43	7.4	822.86	-11.68	-2.0	836.01	10.67	-0.8
hryvnia	460.51	-1.61	10.4	450.48	0.19	-2.4	453.35	2.97	-1.4
US dollar	317.98	-0.03	1.3	302.66	-11.43	-6.2	310.61	5.01	-4.7
euro	60.08	2.06	25.9	69.42	-0.17	27.0	71.76	2.70	27.5
Households	179.13	2.85	17.5	202.53	1.33	10.5	206.57	3.51	10.6
hryvnia	114.66	2.85	40.3	143.71	1.88	28.7	147.43	3.84	28.8
US dollar	60.64	0.01	-6.1	55.47	-0.54	-18.6	55.55	-0.32	-19.1
euro	1.62	-0.01	24.9	1.68	0.01	-14.3	1.65	0.02	-13.2
Deposits									
Non-financial corporations	318.17	-2.90	3.4	337.65	5.51	5.2	330.53	-7.73	3.7
hryvnia	200.01	-1.52	4.0	220.39	1.27	9.4	213.94	-6.88	6.8
US dollar	90.83	1.02	5.7	83.78	2.55	-8.2	81.44	-3.09	-12.6
euro	25.42	-2.52	16.2	31.97	1.46	21.5	33.63	1.82	41.0
Households	489.36	4.29	12.4	531.22	7.28	9.2	537.03	4.10	9.1
hryvnia	257.27	3.45	20.6	293.39	4.55	15.6	296.25	2.86	15.1
US dollar	193.81	0.73	6.1	200.04	2.25	1.9	202.64	0.70	1.9
euro	37.23	0.12	2.2	36.77	0.47	5.4	37.10	0.53	6.6

Chart 6. Loans

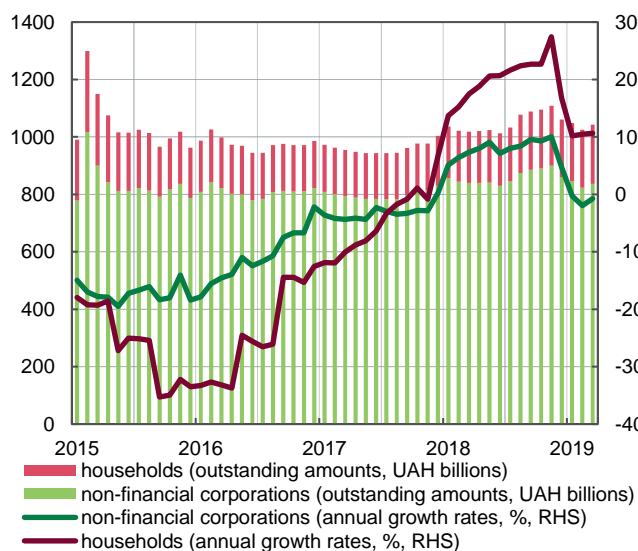


Chart 7. Deposits

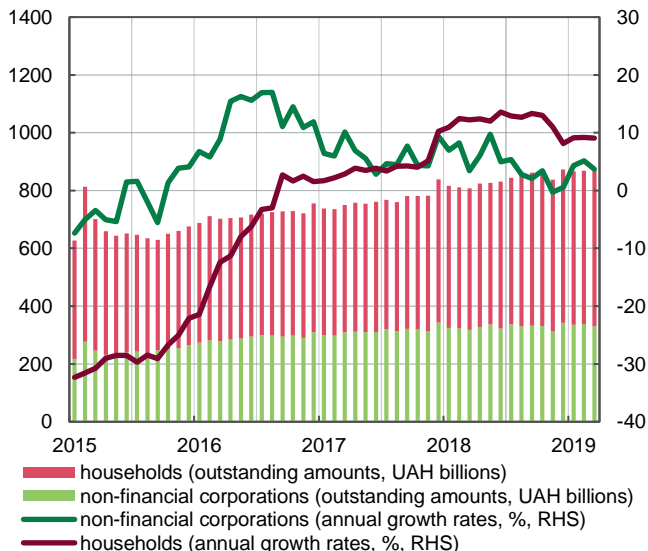


Chart 8. Loans (annual growth rates, %)

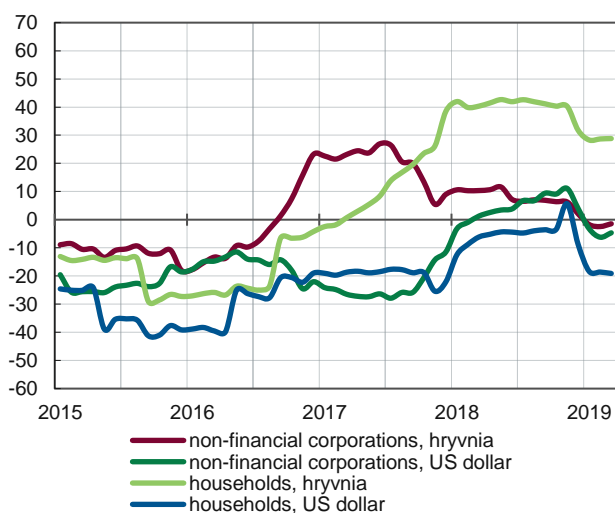


Chart 9. Deposits (annual growth rates, %)

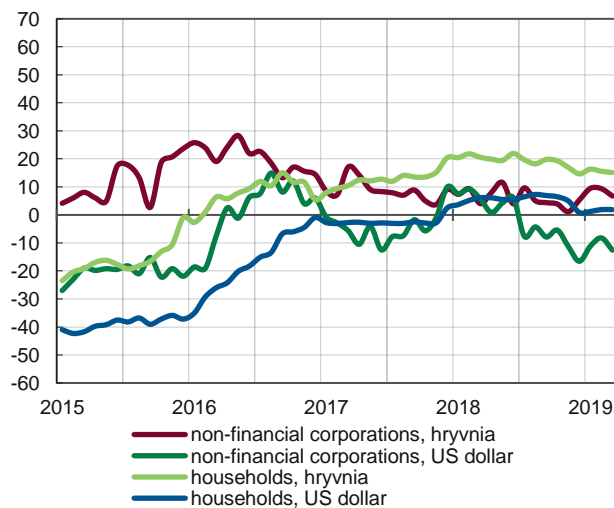


Table 10. Loans and deposits of non-financial corporations and households, by original maturities

Components	2018			2019			2019		
	March			February			March		
	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	839.34	0.43	7.4	822.86	-11.68	-2.0	836.01	10.67	-0.8
up to 1 year	399.63	-1.32	53.8	400.21	-2.26	-0.4	407.54	6.20	1.5
over 1 year and up to 5 years	269.22	3.11	-24.6	257.64	-10.01	-3.5	258.98	0.29	-4.5
over 5 years	170.50	-1.37	0.8	165.01	0.59	-3.2	169.50	4.19	0.1
Households	179.13	2.85	17.5	202.53	1.33	10.5	206.57	3.51	10.6
up to 1 year	61.46	1.79	51.0	75.05	0.99	26.4	82.12	7.02	34.2
over 1 year and up to 5 years	40.51	0.85	32.0	54.74	0.66	35.7	54.48	-0.30	32.1
over 5 years	77.17	0.21	-3.0	72.73	-0.32	-13.4	69.97	-3.21	-17.5
Deposits									
Non-financial corporations	318.17	-2.90	3.4	337.65	5.51	5.2	330.53	-7.73	3.7
on demand	198.63	-3.51	-8.3	232.35	1.48	15.4	225.97	-6.77	14.0
up to 1 year	82.87	-1.99	3.8	86.36	-1.61	1.8	86.31	-0.22	3.9
over 1 year and up to 2 years	9.86	1.81	10.2	13.10	5.52	61.8	11.99	-1.12	20.8
over 2 years	26.81	0.79	-	5.85	0.12	-78.5	6.26	0.39	-77.7
Households	489.36	4.29	12.2	531.22	7.28	9.2	537.03	4.10	9.1
on demand	168.10	3.89	16.1	203.13	4.50	23.7	207.50	3.96	23.2
up to 1 year	182.15	2.41	-1.5	215.24	4.94	19.3	218.28	2.28	19.0
over 1 year and up to 2 years	132.43	-2.50	27.9	105.79	-2.54	-21.9	103.69	-2.60	-22.4
over 2 years	6.68	0.49	-20.0	7.05	0.38	13.1	7.56	0.46	11.9

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

Components	2018			2019			2019		
	March			February			March		
	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, %
Total	179.13	2.85	17.5	202.53	1.33	10.5	206.57	3.51	10.6
consumer loans	130.96	...	...	154.38	1.61	...	158.09	3.48	...
hryvnia	101.08	...	...	128.97	1.71	...	132.48	3.51	...
US dollar	28.11	...	...	24.05	-0.10	...	24.25	-0.03	...
euro	0.90	...	...	0.73	-0.00	...	0.74	0.01	...
lending for house purchase	43.81	...	...	43.15	-0.38	...	43.25	-0.19	...
hryvnia	9.85	...	...	10.22	0.08	...	10.31	0.09	...
US dollar	31.98	...	...	31.03	-0.45	...	31.04	-0.28	...
euro	0.65	...	...	0.85	-0.00	...	0.85	0.00	...
other loans	4.36	...	...	5.00	0.10	...	5.23	0.23	...

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

Components	2018			2019			2019		
	March			February			March		
	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, %
Total	179.13	2.85	17.5	202.53	1.33	10.5	206.57	3.51	10.6
consumer loans	130.96	...	...	154.38	1.61	...	158.09	3.48	...
up to 1 year	58.05	...	...	71.59	0.96	...	75.85	4.26	...
over 1 year and up to 5 years	37.14	...	...	50.59	0.60	...	50.24	-0.38	...
over 5 years	35.77	...	...	32.20	0.06	...	32.00	-0.40	...
lending for house purchase	43.81	...	...	43.15	-0.38	...	43.25	-0.19	...
up to 1 year	1.31	...	...	1.09	-0.02	...	3.78	2.66	...
over 1 year and up to 5 years	1.54	...	...	1.83	0.00	...	1.80	-0.04	...
over 5 years	40.96	...	...	40.23	-0.37	...	37.66	-2.81	...
other loans	4.36	...	...	5.00	0.99	...	5.23	2.26	...

Table 13. Interest rates on loans¹ and deposits in March 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	16.19	0.48	208.3	28.38	-1.33	17.7
hryvnia	18.31	0.10	172.0	28.33	-1.37	17.6
US dollar	6.53	0.36	24.6	47.53	11.32	0.06
euro	5.30	0.90	11.7	14.17	-1.45	0.007
Outstanding amounts of loans	12.56	0.79	836.0	36.43	1.01	206.6
hryvnia	16.82	0.75	453.3	42.67	0.65	147.5
US dollar	8.83	0.76	310.6	13.16	0.89	55.7
euro	7.65	0.51	71.8	13.78	0.34	1.7
New business on deposits	13.17	0.10	218.3	7.48	-0.07	58.7
hryvnia	13.71	0.10	208.4	11.07	-0.55	34.2
US dollar	2.24	0.05	8.4	2.61	-0.16	21.1
euro	0.91	-0.08	1.5	1.65	-0.17	3.4
Outstanding amounts of deposits	8.87	-0.23	330.5	7.80	0.74	537.0
hryvnia	9.44	-2.03	213.9	11.46	0.86	296.2
US dollar	2.29	-0.75	81.4	3.43	0.37	202.6
euro	2.01	0.19	33.6	2.16	0.31	37.1

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

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

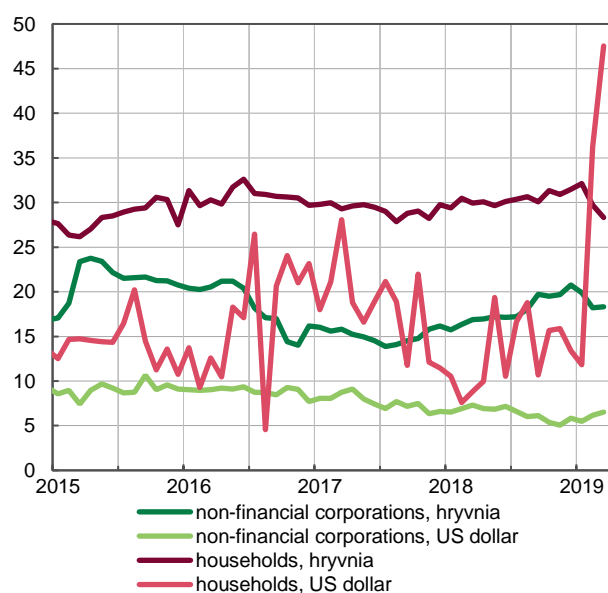


Chart 11. Interest rates of new business on deposits, %

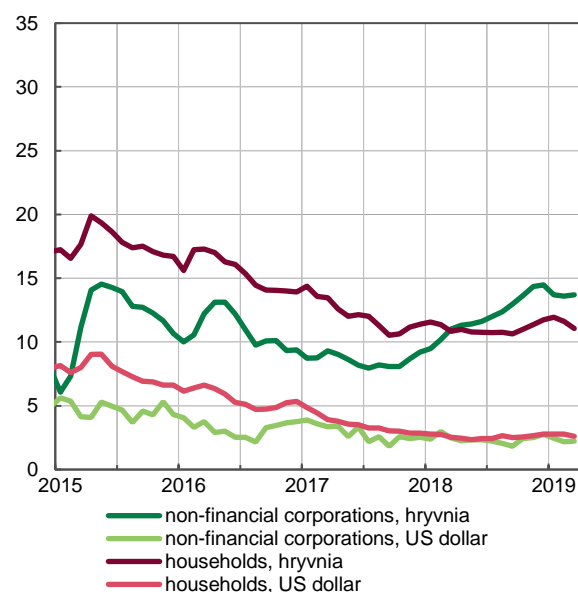


Chart 12. Interest rates on outstanding amounts of loans, %

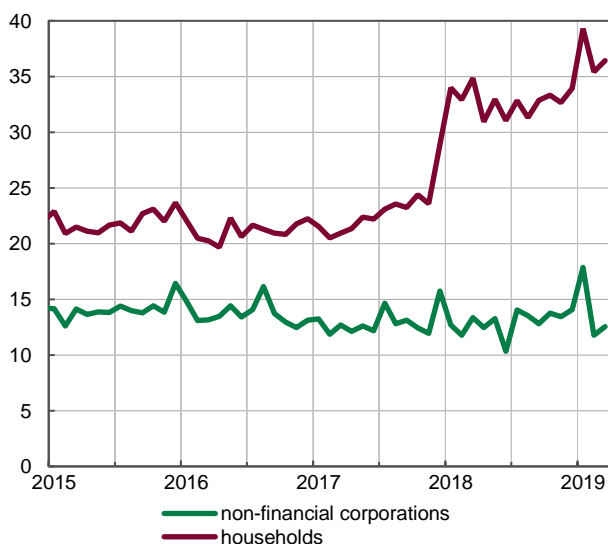


Chart 13. Interest rates on outstanding amounts of deposits, %

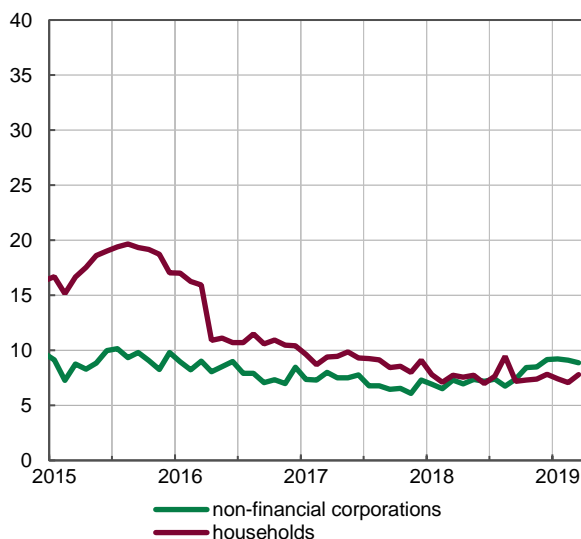


Table 14. Securities held by deposit-taking corporations (excluding National Bank of Ukraine) by sectors of the economy

Components	2018			2019			2019		
	March			February			March		
	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	378.83	8.43	11.9	408.50	2.55	6.1	412.22	2.55	4.4
residents	378.75	8.43	11.8	407.58	2.22	3.3	410.96	2.22	1.6
National bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	1.01	0.00	5.0	0.97	–	-1.3	0.97	–	-1.3
Other financial corporations	2.73	-0.00	15.7	2.28	-0.01	-19.4	2.27	-0.01	-19.8
General government	370.26	8.60	19.4	399.56	2.38	6.2	403.10	2.38	4.4
Non-financial corporations	4.75	-0.17	-54.0	4.76	-0.14	-7.9	4.62	-0.14	-7.4
Other residents	–	–	–	–	–	–	–	–	–
non-residents	0.08	0.00	–	0.93	0.32	–	1.26	0.32	–
Holdings of shares	0.70	-0.29	-50.8	0.61	-0.13	-38.2	0.73	0.15	-5.8
residents	0.51	0.00	-42.5	0.42	-0.13	-18.5	0.53	0.15	-8.7
Other deposit-taking corporations	0.02	–	-0.7	0.02	–	-0.0	0.02	–	-0.0
Other financial corporations	0.34	0.00	-35.3	0.12	-0.13	-24.5	0.12	-0.00	-72.4
Non-financial corporations	0.15	-0.00	-54.1	0.27	0.00	-8.0	0.39	0.15	172.5
non-residents	0.19	-0.29	-61.5	0.20	-0.00	-59.9	0.20	-0.00	-0.1

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

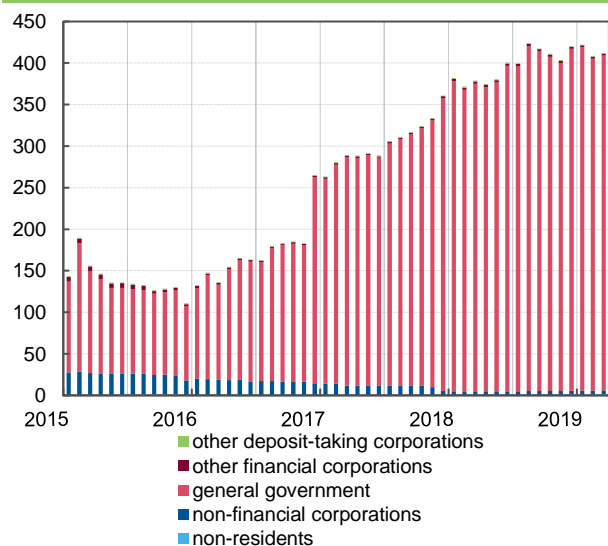


Chart 15. Holdings of shares (outstanding amounts, UAH billion)

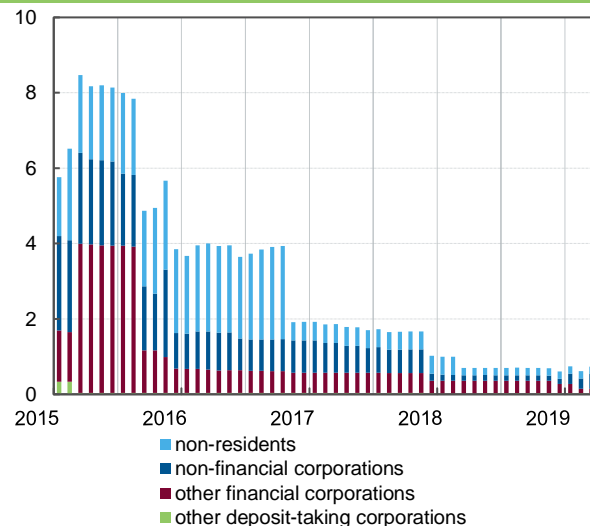


Chart 16. Holdings of securities other than shares (annual growth rates, %)

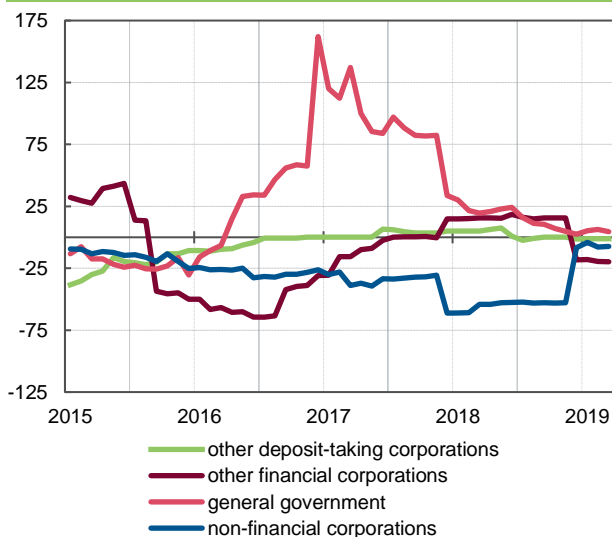


Chart 17. Holdings of shares (annual growth rates, %)

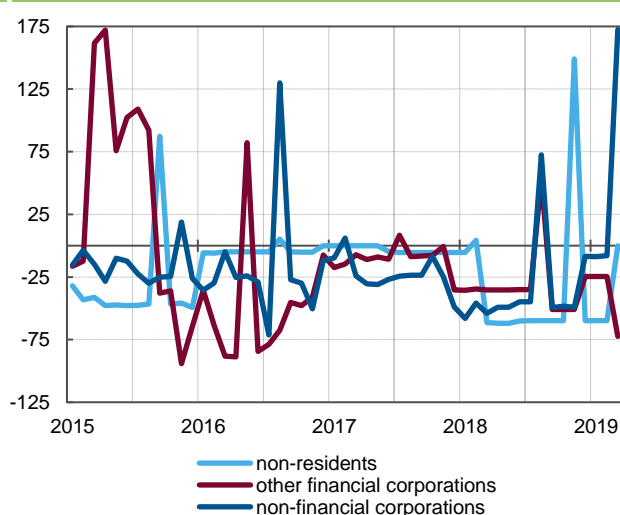


Table 15. Securities other than shares issued by resident sectors

Components	III quarter 2017			II quarter 2018			III quarter 2018		
	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	1327.02	55.17	17.0	1361.65	5.37	7.8	1434.20	18.8	4.7
Deposit-taking corporations	0.38	-0.04	12.4	2.36	1.59	468.2	3.88	1.31	872.4
National Bank of Ukraine	–	–	–	–	–	–	–	–	–
Other deposit-taking corporations	0.38	-0.04	12.4	2.36	1.59	468.2	3.88	1.31	872.4
Other financial corporations	9.29	-0.08	-11.4	9.59	0.20	2.3	9.67	0.09	4.1
General government	1 239.64	56.12	17.2	1 282.31	2.02	9.1	1 351.60	15.73	5.4
Non-financial corporations	77.72	-0.84	-13.4	67.39	1.56	-14.2	69.05	1.66	-11.2

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

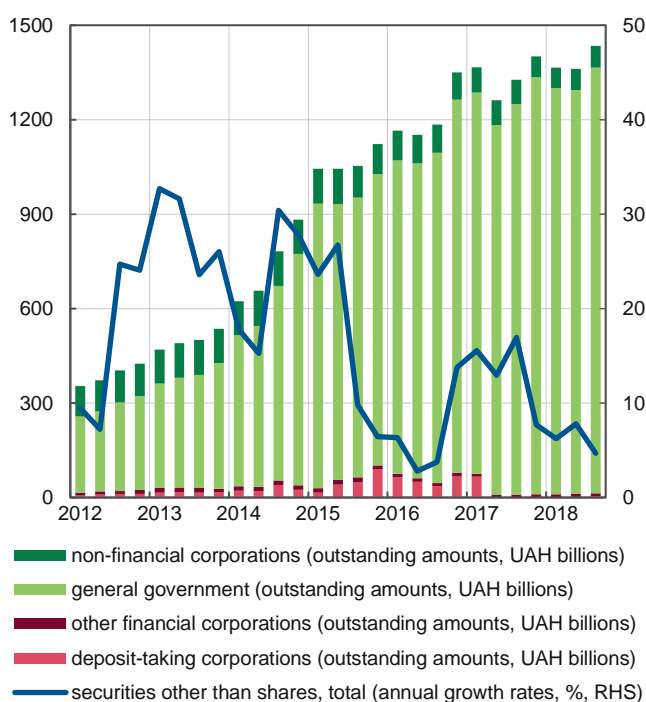


Chart 19. Net issues of securities other than shares issued by resident sectors, UAH billions

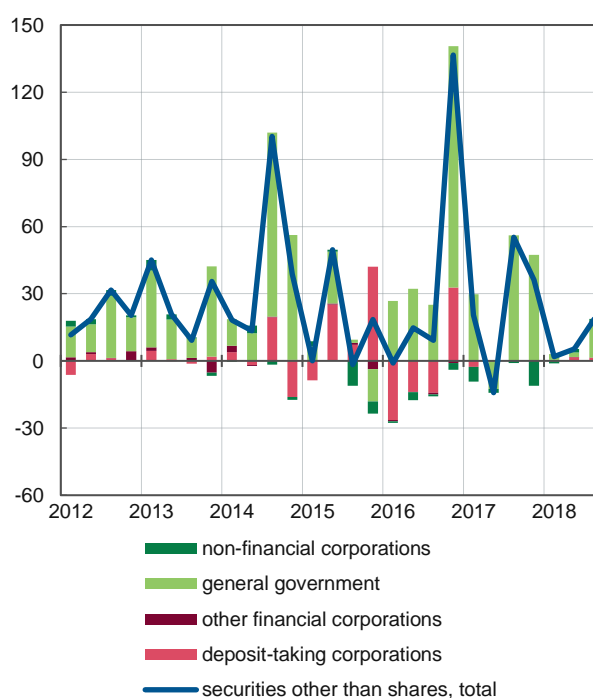


Table 16. Financial Soundness Indicators

Descriptions for Deposit takers	2018			2019	
	June	September	December	January	February
Core Financial Soundness Indicators					
I1 Regulatory capital to risk-weighted assets	16.44	15.73	16.18	16.52	16.93
I2 Regulatory Tier 1 capital to risk-weighted assets	11.20	10.32	10.52	10.43	10.97
I3 Nonperforming loans net of provisions to capital	62.15	65.46	60.20	56.09	45.22
I4 Nonperforming loans to total gross loans	55.68	54.31	52.85	53.19	52.24
I5 Sectoral distribution of loans to total loans					
Residents	94.13	93.20	93.47	93.39	93.42
Deposit-takers	0.74	0.93	0.90	1.00	0.98
Central bank					
Other financial corporations	0.90	0.90	0.80	0.75	0.74
General government	0.15	0.19	0.25	0.24	0.25
Nonfinancial corporations	75.60	74.11	74.16	73.70	73.38
Other domestic sectors	16.74	17.07	17.36	17.70	18.08
Nonresidents	5.87	6.80	6.53	6.61	6.58
I6 Return on assets	0.83	0.97	1.60	4.99	4.16
I7 Return on equity	7.30	8.82	14.61	45.30	36.84
I8 Interest margin to gross income	55.27	54.31	52.02	50.53	53.24
I9 Noninterest expenses to gross income	66.55	63.60	61.92	47.06	54.79
I10 Liquid assets to total assets	54.23	52.61	51.14	52.23	53.77
I11 Liquid assets to short-term liabilities	94.82	95.54	93.52	92.36	93.44
I12 Net open position in foreign exchange to capital	138.78	164.35	134.77	131.44	121.70
Encouraged Financial Soundness Indicators					
I13 Capital to assets	10.28	9.99	10.77	11.28	11.83
I14 Large exposures to capital	155.56	172.28	176.23	192.41	169.54
I15 Geographical distribution of loans to total loans					
Domestic economy	94.13	93.20	93.47	93.39	93.42
Advanced economies, excluding China	2.57	3.46	3.22	3.22	3.20
Other emerging market and developing countries, including China	3.30	3.34	3.31	3.40	3.38
I16 Gross asset position in financial derivatives to capital	0.08	0.09	0.22	0.21	0.27
I17 Gross liability position in financial derivatives to capital	0.04	0.10	0.04	0.02	0.02
I18 Trading income to total income	-3.58	-2.44	4.16	11.95	8.29
I19 Personnel expenses to noninterest expenses	38.67	39.15	37.06	39.78	36.70
I20 Spread between reference lending and deposit rates (basis points)	673	694	525	547	469
I21 Spread between highest and lowest interbank rates (basis points)	3 045	1 987	2 050	4 791	1 950
I22 Customer deposits to total (noninterbank) loans	84.18	80.60	81.83	82.84	84.87
I23 Foreign-currency-denominated loans to total loans	46.20	47.86	46.52	46.99	45.58
I24 Foreign-currency-denominated liabilities to total liabilities	46.59	48.96	46.90	46.84	46.10
I37 Residential real estate prices (Percentage change/last 12 months)	105.60	105.70	105.10	...	...
I39 Residential real estate loans to total gross loans	3.84	4.19	3.83	3.88	3.85
I40 Commercial real estate loans to total gross loans	2.11	1.98	2.90	2.96	3.00

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 Soundness Indicators» on the official website of the National Bank of Ukraine:

https://bank.gov.ua/control/en/publish/category?cat_id=95132

Glossary

1. *Monetary aggregates* – 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.

Monetary aggregate M0 includes currency in circulation outside the deposit-taking corporations.

Monetary aggregate M1 – monetary aggregate M0 and transferable deposits in national currency (M1 - M0).

Monetary aggregate M2 – monetary aggregate M1 and transferable deposits in foreign currency and other deposits (M2 - M1).

Monetary aggregate M3 – monetary aggregate M2 and securities other than shares (M3 - M2).

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* includes 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* are a 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* include 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* 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 rates).

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 .