

BANCA D'ITALIA

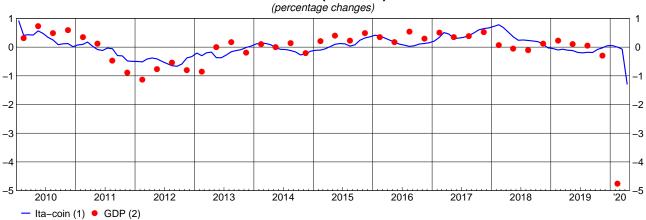
Number 3 2020 May

E U R O S I S T E M A

CONTENTS

	Economic activity and labor market	2
	1 Coincident indicator (Ita-coin) and Italian GDP	
	2 GDP and the main components of demand	
U	3 GDP, national demand, foreign trade4 Industrial production and business confidence	
- 1	5 Firms' assessment of the conditions for investing	
<u> </u>	6 Household confidence index and unemployment expectations	
e e	7 Household income and saving	
	8 Main labour market indicators	
\sim	9 Contractual earnings and labour costs per hour worked	
	Inflation	5
P	10 Consumer price inflation and contributions of the main components	
	11 Indicators of inflation	
9	12 House prices and sales	
eral for Economics, Statistics and Researcl	Exports, price competitiveness and balance of payments	6
U	13 Value of goods exports	Ŭ
- 72	14 Indicators of competitiveness	
S	15 Balance of payments	
	16 Current account balance and its main components	
a a	17 TARGET2 balance and cumulative balance of payments flows18 Net international investment position	
5		
	Households' and firms' financial conditions	9
୍ତ	19 Financial debt of households	
U U	20 Indicators of firms' borrowing	
	21 Firms' financial debt	
	Credit and banks	10
	22 Bank lending to the private sector	
_	23 Interest rates on new loans	
0	24 Credit access conditions for firms	
Ŭ,	25 Growth in bank funding: contributions of the various components26 Banks' funding gap	
E	27 New non-performing loan rates	
<u> </u>	28 Non-performing loans	
6	29 Banks' investment in Italian public sector securities	
F	30 Main profit and loss items of banks 31 Capitalization of banks and banking groups	
	32 Share prices and CDS spreads of listed banks	
9		
G	The public finances and government debt financing conditions	16
	33 Main public finance indicators	
G	34 Main public finance indicators (European comparison)35 Stock of government securities	
(Ē)	36 Average cost and average residual maturity of the public debt	
\smile	37 Government benchmark securities: gross yields at maturity	
e	38 Yield spreads between euro-area countries and German 10-year government bond	S
orate Gen	Macroeconomic projections	19
<u> </u>	39 Growth and inflation forecasts	-15

THE ITALIAN ECONOMY IN BRIEF Direct



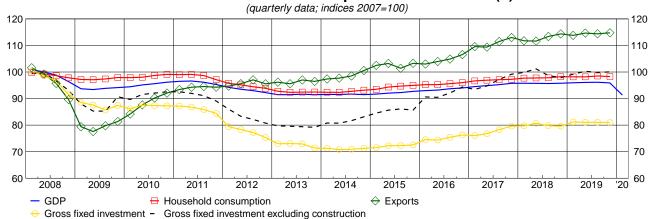
1 – Coincident indicator (Ita-coin) and Italian GDP

Source: Bank of Italy.

(1) The Ita-coin indicator tracks quarterly Italian GDP growth net of the most volatile components; monthly data. For more information, see https://www.bancaditalia.it/statistiche/tematiche/indicatori/indicatore-ciclico-coincidente/index.html?

com.dotmarketing.htmlpage.language=1. With the November 2019 release, the dataset used to estimate Ita-coin has been expanded with new data on services which have led to a revision of the indicator starting from 2010. The indicator has only partly recorded the worsening of the economic situation under way, caused by a very large exogenous shock – owing to the pandemic –, which has suddenly interrupted a phase of prolonged, albeit modest, growth. – (2) Quarterly data; percentage change on the previous quarter.





Source: Based on Istat data

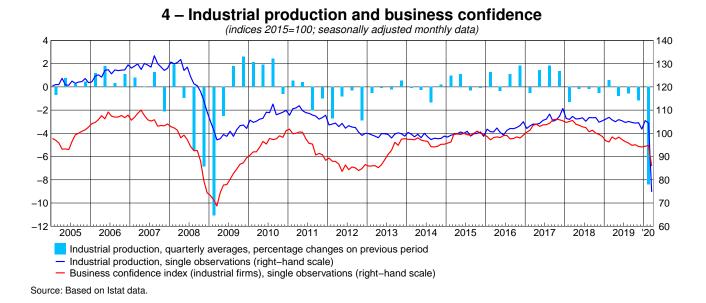
(1) Chain-linked volumes adjusted for seasonal and calendar effects.

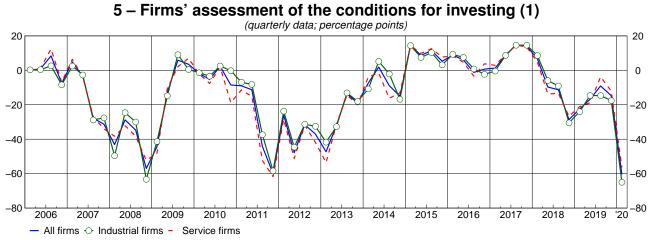
3 – GDP, national demand, foreign trade (1)

	Gross domestic product	Gross fixed investment	Resident household and NPISH consumption (2)	Government consumption	Total national demand (3)	Exports of goods and services	Imports of goods and services
2016	1.3	4.0	1.2	0.7	1.8	1.9	3.9
2017	1.7	3.2	1.5	-0.1	1.7	5.4	6.1
2018	0.8	3.1	0.9	0.1	1.1	2.3	3.4
2019	0.3	1.4	0.4	-0.4	-0.2	1.2	-0.4
2019 - Q2	0.1	-0.2	0.0	0.0	0.1	0.8	0.7
2019 - Q3	0.1	0.0	0.3	-0.1	0.4	-0.2	1.1
2019 - Q4 2020 - Q1	-0.3 -4.7	-0.1	-0.2	-0.1	-0.9	0.3	-1.7

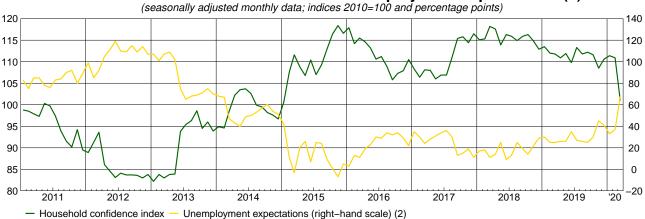
Source: Istat.

(1) Chain-linked volumes; quarterly data are adjusted for seasonal and calendar effects. - (2) Non-profit institutions serving households. - (3) Including changes in inventories and valuables.





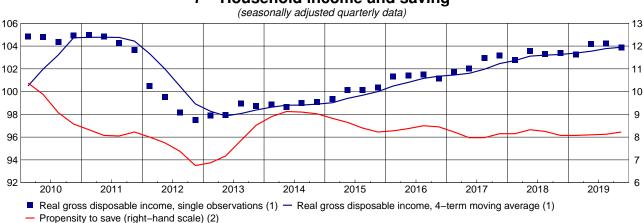
Source: Bank of Italy, Survey on Inflation and Growth Expectations (in collaboration with II Sole 24 Ore up to October 2018). (1) Balance of positive and negative responses compared with the previous quarter.



6 – Household confidence index and unemployment expectations (1)

Source: Based on Istat data.

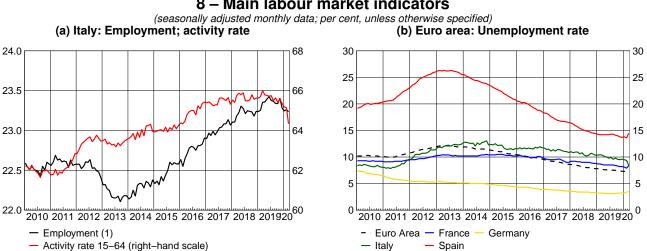
(1) In June 2013 Istat introduced methodological changes and so, as a result, subsequent data cannot be directly compared with those preceding that date. – (2) Balances of positive responses ('high', 'increasing') and negative responses ('low', 'decreasing').



7 – Household income and saving

Source: Based on Istat data.

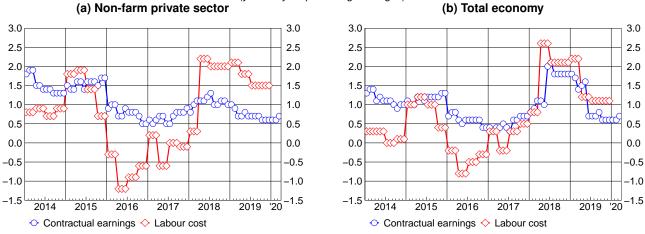
(1) Net of the variation in the final consumption expenditure deflator for resident households. Indices: 2015=100. - (2) Consumer households' savings as a percentage of gross disposable income; 4-term moving average.



8 – Main labour market indicators

Sources: (a) Istat's labour force survey; (b) Eurostat; for Italy, Istat's labour force survey. (1) Millions of persons.

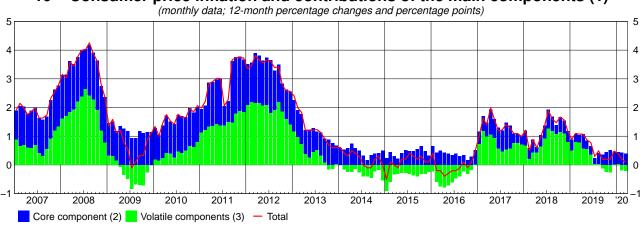




Source: Istat's national accounts and contractual earnings survey.

(1) Raw monthly data for contractual earnings; seasonally adjusted quarterly data for hourly labour costs. Labour costs include gross wages and social security contributions.

INFLATION





Source: based on Eurostat data.

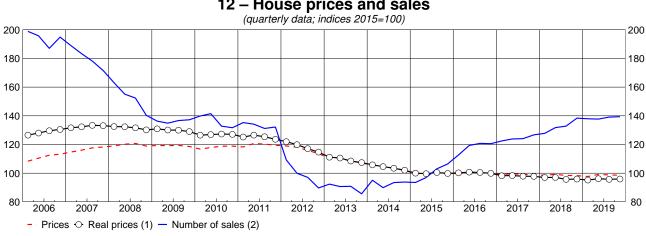
(1) Harmonized index of consumer prices. - (2) Includes non-food and non-energy products, and services. - (3) Includes food and energy products.

			PPI (2)					
		Ita	ly	Euro	Area	Italy		
		Overall index	Excl. Energy and food	Overall index	Excl. Energy and food	Overall Index	Non-food consumer goods	
2018		1.2	0.6	1.8	1.0	3.9	0.6	
2019		0.6	0.5	1.2	1.0	0.0	1.2	
2019 -	May	0.9	0.5	1.2	0.8	1.8	1.4	
	June	0.8	0.4	1.3	1.1	1.1	1.2	
	July	0.3	0.4	1.0	0.9	-1.0	1.1	
	Aug.	0.5	0.6	1.0	0.9	-2.1	1.1	
	Sept.	0.2	0.5	0.8	1.0	-2.4	1.0	
	Oct.	0.2	0.7	0.7	1.1	-4.1	1.3	
	Nov.	0.2	0.7	1.0	1.3	-3.6	1.1	
	Dec.	0.5	0.6	1.3	1.3	-3.1	1.1	
2020 -	Jan.	0.4	0.5	1.4	1.1	-3.4	1.0	
	Feb.	0.2	0.5	1.2	1.2	-3.8	1.2	
	Mar.	0.1	0.6	0.7	1.0	-4.9	1.1	
	Apr. (3)	0.1	0.6	0.4	0.9			

11 – Indicators of inflation

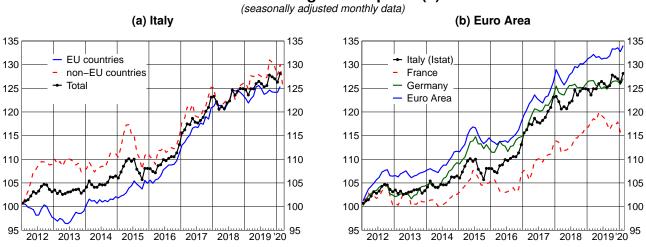
Source: based on Istat and Eurostat data.

(1) Harmonized index of consumer prices. - (2) Index of producer prices of industrial products sold on the domestic market. - (3) Preliminary data.



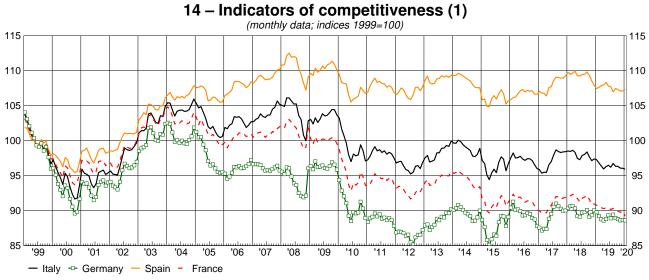
12 – House prices and sales

Sources: Based on data from Osservatorio del Mercato Immobiliare (OMI), Bank of Italy, Istat and Consulente Immobiliare. (1) House prices deflated by the consumer price index. - (2) Adjusted for seasonal and calendar effects.



13 – Value of goods exports (1)

Source: Based on Eurostat and Istat data. (1) Indices: Q4 2011=100; 3-month moving averages. Starting from February 2020, the United Kingdom is included in the non-EU aggregate.

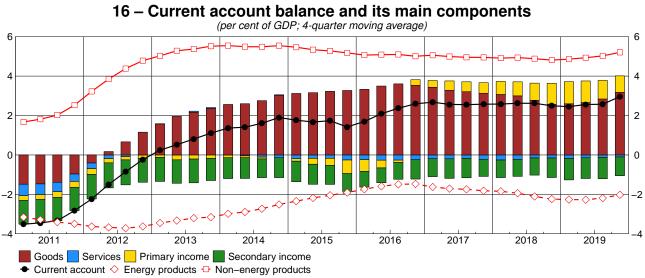


Sources: Based on ECB, CEPII, Eurostat, IMF, OECD and UN data and national statistics. (1) In relation to 60 competitor countries; based on producer prices of manufactured goods. An increase in an index indicates a loss of competitiveness.

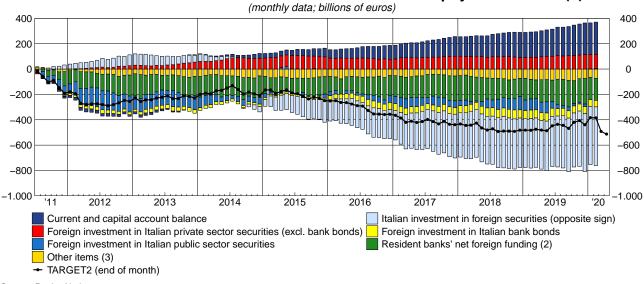
		Current	account		Net	Fi	nancial accou	nt	
		Total	of which:	Capital account	lending/bor- rowing to	Total	of w	hich:	Errors and omissions
			Goods		the rest of the world		Portfolio invest- ment	Change in reserve assets	
		A		В	A+B	С			C-(A+B)
2016		44.0	60.0	-2.6	41.4	32.7	139.9	-1.2	-8.6
2017		44.7	54.4	1.0	45.7	47.6	84.1	2.7	2.0
2018		44.0	45.4	-0.6	43.4	30.4	119.9	2.6	-13.0
2019		52.9	56.9	-1.9	51.0	46.1	-50.6	3.2	-4.9
2019	Jan Feb.	1.1	4.6	-0.1	1.0	-2.7	-17.2	-0.2	-3.7
2020	Jan Feb.	4.5	8.8	-0.3	4.1	4.9	-21.6	0.2	0.8
2019 -	Feb.	2.1	3.8	-0.1	2.1	-4.2	11.3	0.0	-6.2
	Mar.	2.7	5.1	-0.1	2.6	3.8	-3.8	0.8	1.2
	Apr.	3.4	3.2	-0.2	3.2	6.4	-17.0	0.9	3.2
	May	3.7	5.4	-0.3	3.5	-0.2	10.7	0.7	-3.7
	June	5.6	5.7	-0.1	5.5	6.3	-30.6	-0.4	0.8
	July	8.7	8.0	-0.1	8.6	13.0	-24.9	0.9	4.4
	Aug.	4.5	3.4	-0.1	4.4	-2.9	3.5	-0.8	-7.3
	Sept.	3.3	3.4	-0.2	3.1	-1.8	15.5	0.5	-5.0
	Oct.	9.5	8.1	-0.1	9.3	8.8	-12.4	0.7	-0.6
	Nov.	4.8	5.0	-0.2	4.6	8.2	1.7	-0.6	3.5
	Dec.	5.5	5.1	-0.4	5.1	7.3	23.7	0.8	2.2
2020 -	Jan.	-0.3	2.0	-0.2	-0.5	5.9	-21.8	0.0	6.4
	Feb.	4.8	6.8	-0.2	4.6	-1.0	0.3	0.2	-5.6

15 – Balance of payments (net balances; billions of euros)

Source: Bank of italy.



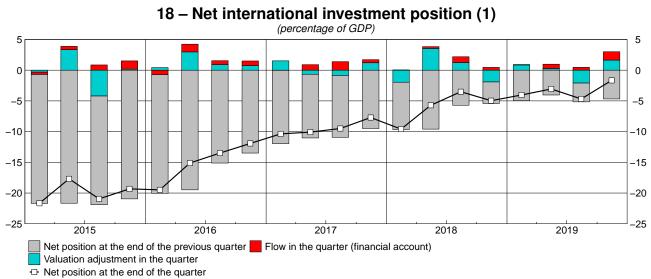
Source: Istat for GDP; based on Istat foreign trade data for the breakdown between energy and non-energy products.





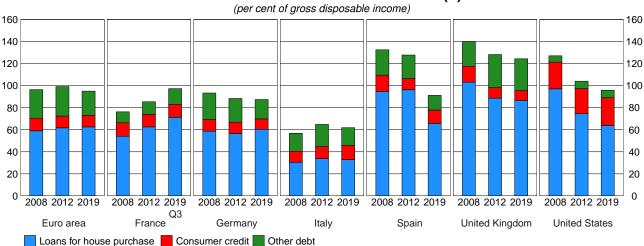
Source: Bank of italy.

(1) Using the balance of payments accounting identity, an improvement in the Bank of Italy's debtor balance vis-à-vis the ECB in the TARGET2 payment system may reflect investment in Italy by non-residents (greater liabilities), residents' disposals of foreign assets (lower assets) or a current account and capital account surplus. Cumulative flows since July 2011. – (2) Net funding in the form of loans, deposits and other investments by the banking sector, including those intermediated by resident central counterparties. – (3) Direct investment, financial derivatives, other investment, official reserves, errors and omissions.



Source: Istat, for GDP.

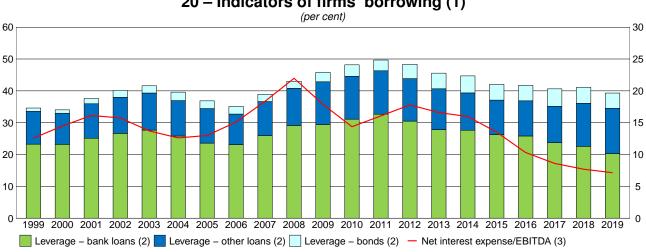
(1) The net position at the end of the quarter equals the net position at the end of the previous quarter corrected for financial account flows during the quarter and for valuation adjustments.



19 – Financial debt of households (1)

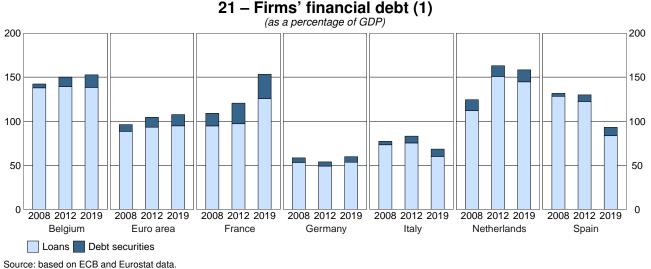
Sources: Bank of Italy and Istat for Italy, ECB for euro-area countries, Office for National Statistics and Bank of England for the United Kingdom, Federal Reserve System - Board of Governors and Bureau of Economic Analysis for the United States.

(1) Data refer to consumer and producer households; for the United States data refer to only consumer households. End-of-period data.



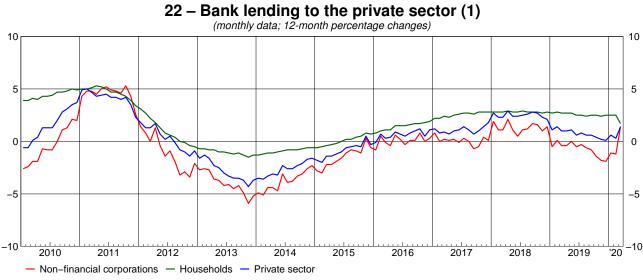
20 – Indicators of firms' borrowing (1)

Sources: Bank of Italy (Financial Accounts) and analyses of Istat data, National Accounts by institutional sector. (1) Data refer to non-financial corporations sector. - (2) Leverage is calculated as the ratio of financial debts (bank loans, bonds, other loans) to the sum of financial debts and shareholders' equity at market prices. End-of-period data. - (3) 4-period cumulative sum (right-hand scale).



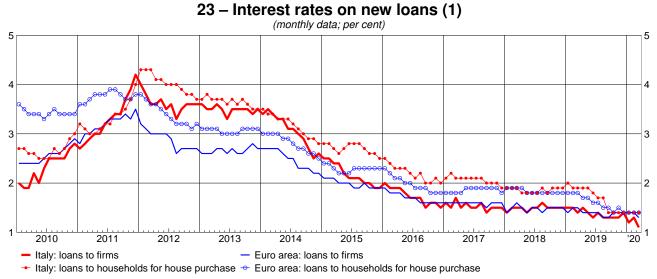
(1) The data refer to the non-financial corporations sector. End-of-period data.

CREDIT AND BANKS



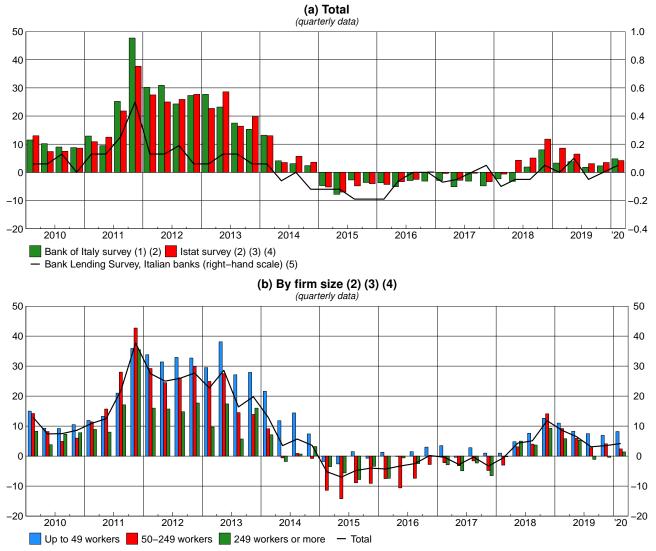
Source: Supervisory reports.

(1) Includes bad debts, repos and loans not recorded in banks' balance sheets because they have been securitized. The percentage changes are net of reclassifications, exchange rate variations, value adjustments and other variations not due to transactions; operations concluded with central counterparties are excluded.



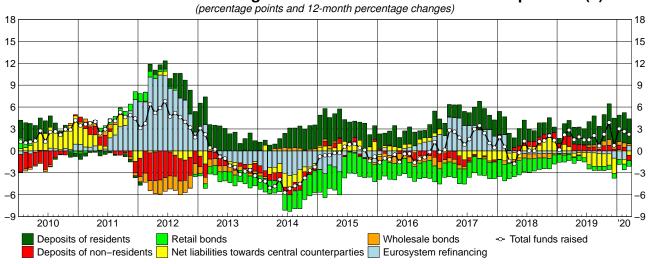
Source: Based on Bank of Italy and ECB data.

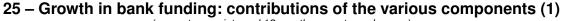
(1) Averages. Data refer only to transactions in euros and are gathered and processed using the Eurosystem's harmonized method.



24 - Credit access conditions for firms

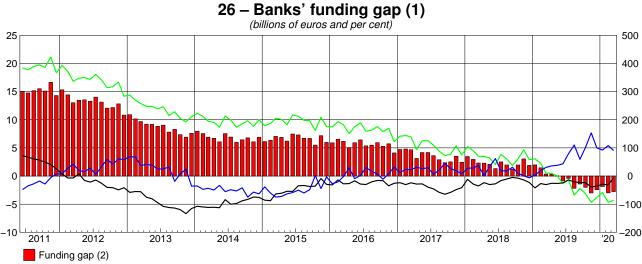
(1) Source: Bank of Italy, Survey on inflation and growth expectations (in collaboration with II Sole 24 Ore up to October 2018); firms in industry (excluding constructions) and services. – (2) Net percentage of firms reporting difficulty in obtaining credit. – (3) Source: Istat, Monthly business confidence survey in the manufacturing sector. – (4) Last survey in the quarter. – (5) Source: The euro area bank lending survey. Degree of credit supply tightening compared with the previous quarter (diffusion index).





Source: Supervisory reports.

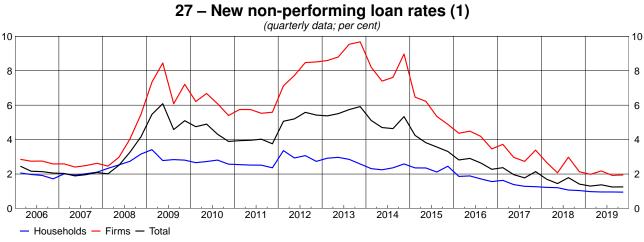
(1) The sum of the contributions is equal to the percentage change over 12 months in the total funds raised. The percentage changes in the single components are calculated net of reclassifications, exchange-rate variations, value adjustments and other variations not due to transactions. Net liabilities towards central counterparties are the funds raised by way of repos with non-residents via central counterparties.



- Funding gap as a percentage of lending - Lending to residents (12-month growth) - Retail funding (12-month growth)

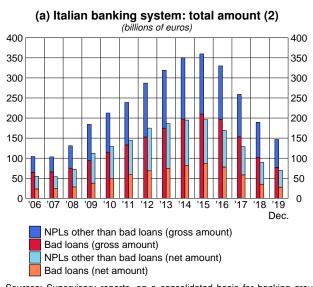
Source: Supervisory reports. Excludes Cassa Depositi e Prestiti and branches of foreign banks.

(1) Difference between lending to residents and retail funding (residents' deposits plus bank bonds subscribed by households). - (2) Right-hand scale (billions).

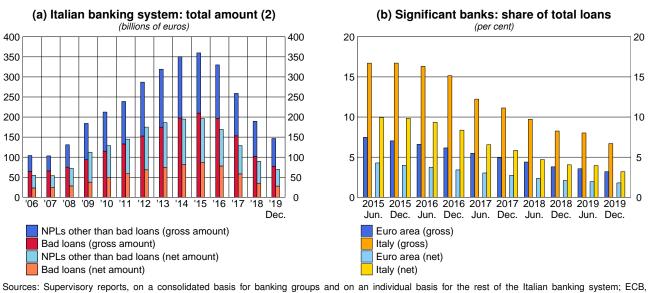


Source: Central Credit Register.

(1) Annualized quarterly flows of adjusted NPLs in relation to the stock of loans net of adjusted NPLs at the end of the previous quarter. Data seasonally adjusted where necessary.

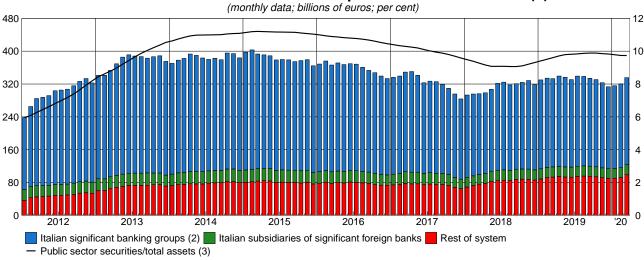






Supervisory Banking Statistics for the euro area.

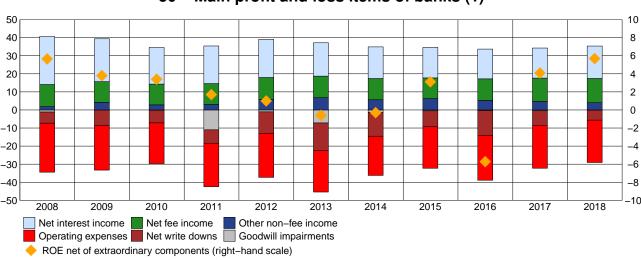
(1) Includes loans to customers, credit intermediaries and central banks. End of period data. Amounts and ratios are calculated net and gross of provisions. -(2) Includes banking groups and subsidiaries of foreign banks; excludes branches of foreign banks.



29 – Banks' investment in Italian public sector securities (1)

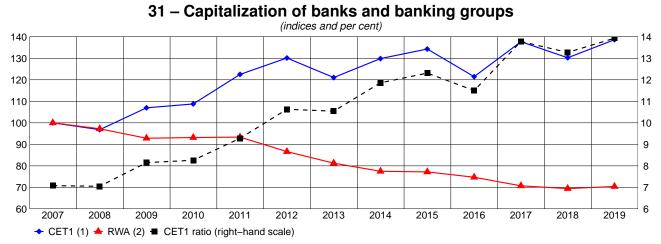
Source: Individual supervisory reports.

(1) All public sector securities, including those issued by local authorities. Excludes Cassa Depositi e Prestiti SpA. The stock of Italian public sector securities in portfolios was revised starting in 2013, following the extension of the perimeter of general government as defined by Istat in agreement with Eurostat. – (2) Includes the cooperative credit banks merged into cooperative credit banking groups. – (3) Twelve-month moving average ending in the month indicated. The series 'total assets' does not include repurchased self-issued bonds. Right-hand scale.

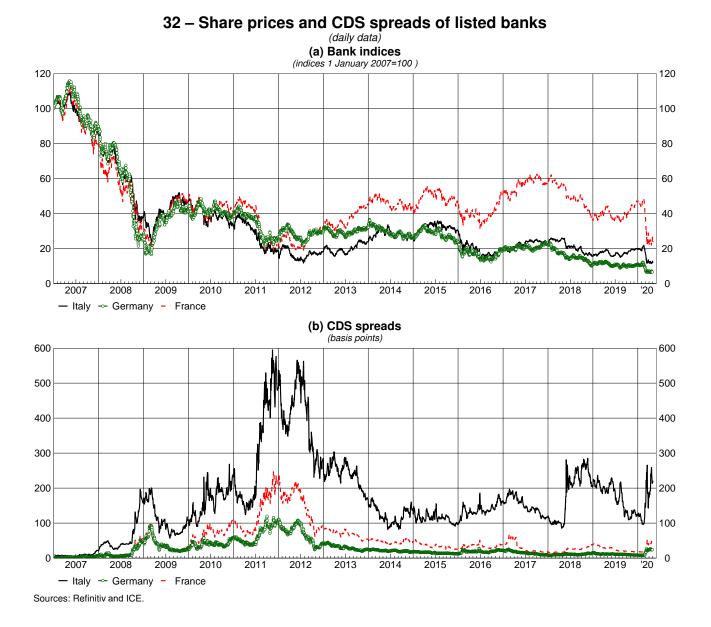


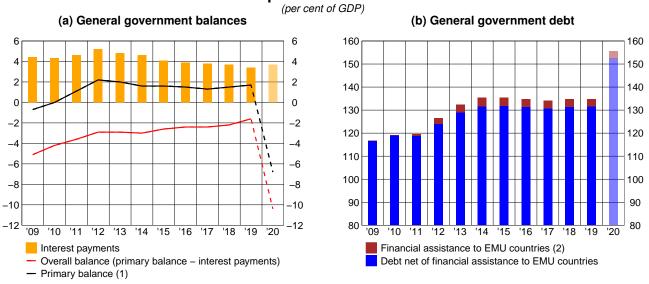
30 – Main profit and loss items of banks (1)

Sources: Consolidated supervisory reports for banking groups, individual supervisory reports for stand-alone banks. (1) As a ratio to average equity in the year; percentage points. For the definition of the items, see the Section Methodological Note of the Appendix of the 2018 Annual Report (available only in Italian).



Sources: Consolidated supervisory reports for banking groups, individual supervisory reports for stand-alone banks. (1) Up to December 2013, the highest-quality capital component was the 'core tier 1'; from March 2014 it corresponds to CET1 ('common equity tier 1'). Index: 2007=100. – (2) 'Risk-Weighted Assets'. Index: 2007=100.





33 – Main public finance indicators

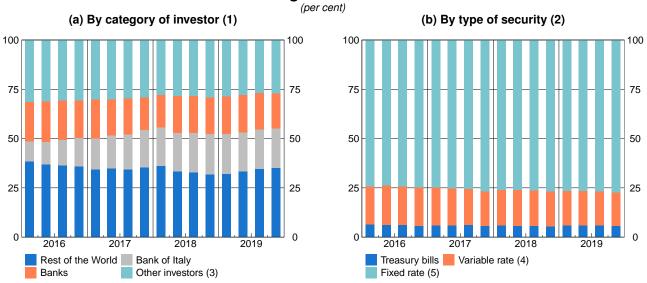
Sources: Istat, for the items of the 2009-2019 general government consolidated accounts; Ministry of Economy and Finance, for the 2020 estimates – Economic and Financial Document (April 2020).

(1) Overall balance net of interest payments. – (2) Loans granted to countries belonging to the EMU, both bilaterally and via the European Financial Stability Facility (EFSF), and contribution to the European Stability Mechanism's (ESM) paid-in capital.

34 – Main public finance indicators (European comparison)

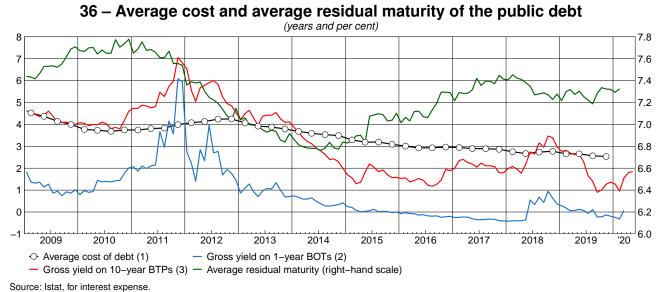
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
				-		Overall	halanaa		-				
Italy	-5.1	-4.2	-3.6	-2.9	-2.9	-3.0	-2.6	-2.4	-2.4	-2.2	-1.6	-10.4	-5.7
				-	-		-				-	-	
France	-7.2	-6.9	-5.2	-5.0	-4.1	-3.9	-3.6	-3.6	-2.9	-2.3	-3.0	-9.9	-4.0
Germany	-3.2	-4.4	-0.9	0.0	0.0	0.6	0.9	1.2	1.2	1.9	1.4	-7.0	-1.5
Spain	-11.3	-9.5	-9.7	-10.7	-7.0	-5.9	-5.2	-4.3	-3.0	-2.5	-2.8	-10.1	-6.7
Euro area	-6.2	-6.3	-4.2	-3.7	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	-0.6	-8.5	-3.5
					Ρ	rimary b	alance ([.]	1)					
Italy	-0.7	0.0	1.1	2.2	2.0	1.6	1.6	1.5	1.3	1.5	1.7	-6.8	-2.0
France	-4.6	-4.4	-2.4	-2.4	-1.8	-1.7	-1.6	-1.8	-1.2	-0.6	-1.6	-8.4	-2.7
Germany	-0.5	-1.9	1.6	2.3	1.9	2.2	2.4	2.4	2.3	2.8	2.3	-6.3	-0.8
Spain	-9.6	-7.6	-7.3	-7.7	-3.6	-2.5	-2.2	-1.6	-0.5	-0.1	-0.5	-7.7	-4.4
Euro area	-3.4	-3.5	-1.2	-0.7	-0.2	0.1	0.3	0.7	1.0	1.4	1.0	-6.8	-2.0
					0	Gross pu	blic deb	t					
Italy	116.6	119.2	119.7	126.5	132.5	135.4	135.3	134.8	134.1	134.8	134.8	155.7	152.7
France	83.0	85.3	87.8	90.6	93.4	94.9	95.6	98.0	98.3	98.1	98.1	116.5	111.9
Germany	73.0	82.4	79.8	81.1	78.7	75.7	72.1	69.2	65.3	61.9	59.8	75.6	71.8
Spain	53.3	60.5	69.9	86.3	95.8	100.7	99.3	99.2	98.6	97.6	95.5	115.6	113.7
Euro area	80.2	86.0	88.4	92.7	94.9	95.1	93.0	92.2	89.8	87.8	86.0	102.7	98.8

Source: AMECO, European Commission, Spring 2020 Economic Forecast (updated to 6 May 2020). For Italy: Istat, for the items of the 2009-2019 general government consolidated accounts; Ministry of Economy and Finance, for the 2020 and 2021 estimates – Economic and Financial Document (April 2020). (1) Overall balance net of interest payments.



35 – Stock of government securities

(1) Sources: External statistics, Bank of Italy's Annual Accounts and supervisory reports. – (2) Source: the Securities Database. – (3) Difference between the total stock of government securities outstanding and the total held by the Rest of the World, the Bank of Italy and banks. – (4) Includes index-linked BTPs; includes CCTs. – (5) Includes fixed rate BTPs, CTZs and international securities.



(1) Ratio between interest expense in the preceding 4 quarters and the stock of the debt at the end of the year-earlier quarter. -(2) The yield at issue is the average, weighted by the issue amounts allotted, of the compound allotment rates at the auctions settled during the month. -(3) Average monthly yield at maturity of the benchmark traded on the online government securities market.

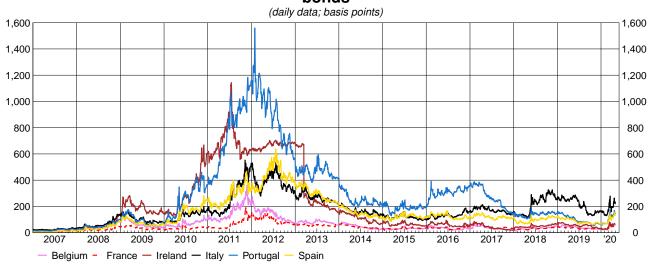
		CTZs	BTPs					
			3 year	5 year	10 year	30 year	CCTs	
2015		0.19	0.34	0.77	1.72	2.77	0.71	
2016		-0.03	0.08	0.46	1.48	2.56	0.53	
2017		-0.08	0.19	0.83	2.11	3.25	0.74	
2018		0.56	0.94	1.62	2.61	3.42	1.36	
2019		0.27	0.64	1.15	1.95	2.94	1.34	
2019 -	Apr.	0.39	1.14	1.71	2.62	3.57	1.81	
	May	0.64	1.24	1.83	2.64	3.59	1.94	
	June	0.55	0.99	1.55	2.28	3.27	1.78	
	July	0.15	0.47	0.92	1.65	2.71	1.18	
	Aug.	0.14	0.38	0.78	1.40	2.42	1.14	
	Sept.	-0.18	-0.01	0.30	0.90	1.97	0.63	
	Oct.	-0.14	0.05	0.37	1.00	2.02	0.54	
	Nov.	0.06	0.23	0.63	1.27	2.27	0.68	
	Dec.	0.07	0.25	0.69	1.37	2.43	0.71	
2020 -	Jan.	0.01	0.19	0.61	1.27	2.34	0.61	
	Feb.	-0.11	0.00	0.34	0.96	2.00	0.23	
	Mar.	0.51	0.70	0.96	1.55	2.31	0.70	
	Apr.	0.78	0.95	1.26	1.80	2.56	0.99	

37 – Government benchmark securities: gross yields at maturity (1) (percentage points, annual and monthly averages)

Source: Based on daily MTS data.

(1) The benchmark security for each category is the last security issued from the time it becomes the most heavily traded.

38 – Yield spreads between euro-area countries and German 10-year government bonds



Sources: Based on Bloomberg data.

39 – Growth and inflation forecasts

(percentage change on previous period)

	Italy								
		Growth	Inflation (1)						
	2020	2021	2022	2020	2021	2022			
Bank of Italy (Jan.) (2)	0.5	0.9	1.1	0.7	1.1	1.3			
Eurosystem (Mar.) (3)	-0.3	0.8	1.1	0.4	1.0	1.2			
European Commission (May) (4)	-9.5	6.5	n.a.	-0.3	0.7	n.a.			
IMF (Apr.) (5)	-9.1	4.8	n.a.	0.2	0.7	n.a.			
OECD (Mar./Nov.) (6)	0.0	0.5	n.a.	0.6	1.2	n.a.			
Consensus Economics (Apr.) (7)	-7.5	4.5	1.3	-0.2	0.6	1.3			
			Euro A	rea					

	Euro Alea								
		Growth		Inflation (1)					
	2020	2021	2022	2020	2021	2022			
Eurosystem (Mar.) (3)	0.8	1.3	1.4	1.1	1.4	1.6			
European Commission (May) (4)	-7.7	6.3	n.a.	0.2	1.1	n.a.			
IMF (Apr.) (5)	-7.5	4.7	n.a.	0.2	1.0	n.a.			
OECD (Mar./Nov.) (6)	0.8	1.2	n.a.	1.1	1.4	n.a.			
Consensus Economics (Apr.) (7)	-5.7	5.4	1.8	0.4	1.3	1.4			

(1) Measured by the harmonized index of consumer prices. (2) Economic Bulletin, 1/2020. GDP data adjusted for calendar effects. (3) ECB staff macroeconomic projections for the euro area. March 2020. GDP data adjusted for calendar effects. (4) European Economic Forecast. Spring 2020. (5) IMF World Economic Outlook, April 2020. (6) OECD Interim Economic Outlook, March 2020, for growth; Economic Outlook, November 2019, for inflation. GDP data adjusted for calendar effects. (7) Consensus Forecasts, 9 April 2020.