# MonthlyBulletin

Agence France Trésor

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Available in Arabic, Chinese, English, French, Japanese, Russian and Spanish

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Agence France Trésor is tasked with managing the government debt and cash positions under the most secure conditions in the interest of the taxpayer.

### News at Agence France Trésor

# The August bond auction met sustained market demand

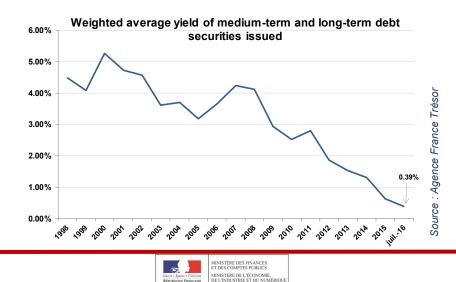
As it did in 2015, Agence France Trésor held a bond auction in August. Unlike last year's August auction, this year's auction featured indexed-linked securities, in addition to long-term OATs. In the indicative State financing programme published on 17 December 2015, AFT notified the market that an auction of fixed-rate OATs and/or, for the first time, index-linked OATs could be held on the first Thursdays of August and December, depending on market conditions and the recommendations of primary dealers.

After consulting the primary dealers and analysing their recommendations, AFT held the 4 August 2016 auction. AFT's decision was in keeping with its issuance strategy to meet investor demand and to maintain a high level of liquidity for all French debt securities in every segment of the yield curve. The continuation of the ECB's Public Sector Purchase Programme (PSPP) over the summer sustained demand from public and private sector investors for high-quality sovereign debt securities denominated in euros. Consequently, AFT selected its 10-year benchmark bond and two off-the-run bonds with residual maturities of more than 15 years for the 10:50 am auction. For the 11:50 am auction, AFT selected a bond linked to the French inflation index and a bond linked to the European inflation index.

The day's auctions resulted in issuance of  $\notin$ 5.99bn in long-term debt, which was the upper bound of the indicative range of  $\notin$ 5bn to  $\notin$ 6bn announced on the Friday before the auction. Demand stood at  $\notin$ 13.21bn. AFT also sold  $\notin$ 610m in indexed-linked bonds in response to demand for  $\notin$ 1.41bn. The day's two auctions resulted in the issuance of  $\notin$ 6.6bn. In addition,  $\notin$ 1.5bn in fixed-rate securities and  $\notin$ 133m in indexed-linked securities were issued through non-competitive tenders, bringing the total issuance amount to  $\notin$ 8.23bn.

Five bonds were issued: OAT 25 May 2026, OAT 25 October 2032, OAT 25 April 2035, along with OAT€i 25 July 2027 and OATi 25 July 2029.

At the end of this August auction, AFT had raised €155.4bn in medium-term and long-term debt on the markets, compared to the annual target of €187bn in issuance net of buybacs. The execution rate of 83.1% was comparable to that achieved at the same date last year (83.5%). The average yield for securities with maturities of more than one year (see chart) issued in 2016 stood at 0.39% at the end of August (compared to 0.63% in 2015).



# A review of 10-year sovereign bond yield spreads in the euro area since the start of the ECB's asset purchase programme

The 10-year euro-area sovereign bond yield spreads versus Germany provide a market measurement of the credit risk of each country in the euro area. It stands to reason that each euro-area country's spread and credit rating are closely correlated. Since the start of the ECB's asset purchase programme in 2015, there has been a significant overall drop in 10-year yields, while yield spreads have remained stable on the whole (see chart below). However, several distinct periods can be observed.

The first significant change occurred in March 2015 and affected only the "peripheral countries" of the euro area. These are the euro-area countries that were hit hardest by the so-called euro-area sovereign debt crisis because of their domestic economic woes. The peripheral countries in the sample of countries shown in the chart below are Italy and Spain. During this period, which saw the first asset purchases under the ECB's programme, Italy's and Spain's yield spreads versus Germany narrowed by approximately 20 basis points. This was in line with the general trend towards smaller yield spreads since 2014, in response to the ECB's monetary policy at the time. The narrowing trend turned out to be temporary and was obliterated in the following months, when all euro-area sovereign yields soared. The French 10-year yield rose by 96 basis points between 15 April and 10 June 2015. Over the period as a whole, the "core" countries' yield spreads remained stable overall.

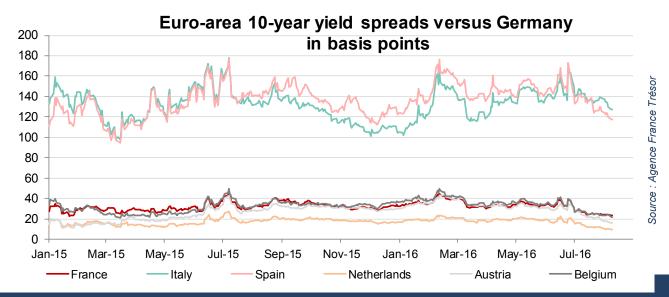
The volatility of sovereign spreads saw a more widespread resurgence in July 2015, when the success of the negotiations on a new rescue plan for Greece

looked uncertain. At the time, all of the spreads widened, with France's spread increasing by 15 basis points between 20 June and 7 July 2015. The second half of 2015 was calmer after that, as core countries' spreads shrank and then stabilised and the peripheral countries' spreads continued to narrow gradually.

At the beginning of 2016, as doubts grew about the strength of world growth and tensions roiled all financial markets, volatility rose and spreads all across the euro area started to widen again. However, this period was short-lived and the spreads rapidly shrank once again.

At the end of June 2016, there was a last flutter of volatility and widening euro-area spreads after the British referendum on leaving the European Union. After that, the spreads rapidly shrank to new lows in both the core countries and the peripheral countries. This can be explained by a rapid sharpening of the overall appetite for risk, expectations of easing measures by central banks and the support that the ECB's Public Sector Purchase Programme (PSPP) provided for sovereign bonds, as issuance volumes declined during the summer months.

On the whole, changes in euro-area sovereign yield spreads have been limited since 2015 and the start of the PSPP. In the case of France, the 10-year yield spread versus Germany stood at 24 basis points on 5 August 2016, which was 9 basis points less than on 1 January 2015 and followed fluctuations between 23 basis points on 23 January 2015 and 44 basis points in early February 2016.

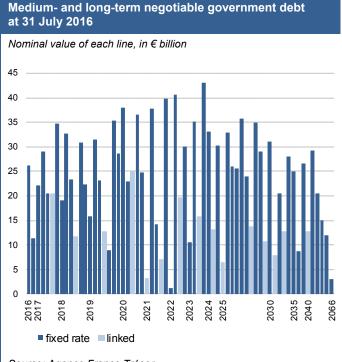




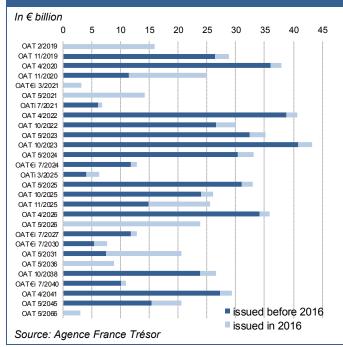
#### Indicative auction schedule

		Short-term			Medium-term	Long-term	Index-linked		
September 2016	auction date	5	12	19	26	//	15	1	15
	settlement date	7	14	21	28	//	19	5	19
October 2016	auction date	3	10	17	24	31	20	6	20
	settlement date	5	12	19	26	03/11	24	10	24

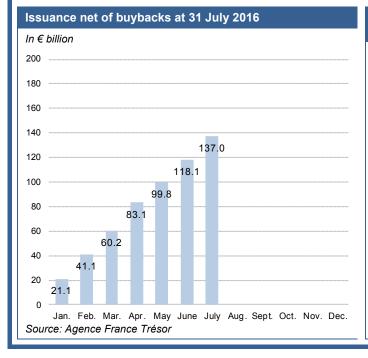
Source: Agence France Trésor



#### Medium- and long-term: securities issued during the year and total issuance at 31 July 2016



Source: Agence France Trésor



### Medium- and long-term: provisional maturity schedule at 31 July 2016

In € billion							
Month	Coupon	Redemption					
Aug-16							
Sep-16							
Oct-16	16.1	26.2					
Nov-16	1.2	11.4					
Dec-16							
Jan-17							
Feb-17	0.4	22.2					
Mar-17	0.0						
Apr-17	15.1	29.1					
May-17	4.0						
Jun-17							
Jul-17	3.1	40.9					
Source: Agence Franc	e Trésor						

72.0 70.0

68.0

66.0

64.0

62.0

60.0 58.0

56.0

54.0 52.0 50.0

48.0

12/2009

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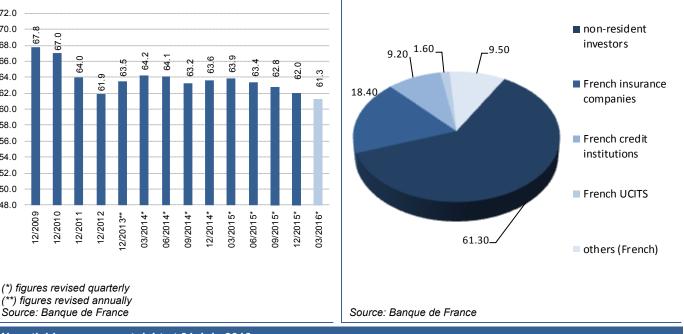
# Non-resident holders of negotiable government debt in first quarter of 2016

#### As a % of negotiable debt outstanding expressed in market value

# Negotiable government debt by group of holders in first quarter of 2016

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Structure in % expressed in market value



# Negotiable government debt at 31 July 2016

In euros

Total medium- and long-term debt	1,473,906,997,286
Total stripping activity	60,802,289,100
Average maturity	8 years and 33 days
Total short-term debt	150,346,000,000
Average maturity	108 days
TOTAL OUTSTANDING	1,624,252,997,286
Average maturity	7 years and 134 days

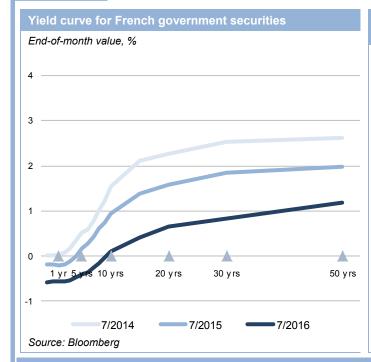
Source: Agence France Trésor

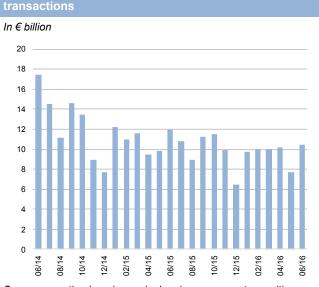
Negotiable government debt and interest rate swaps at 31 July 2016

In € billion

	End 2013	End 2014	End 2015	End June 2016	End July 2016
Negotiable government debt outstanding	1,457	1,528	1,576	1,639	1,624
of which index-linked securities	174	189	190	197	191
Medium- and long-term	1,283	1,352	1,424	1,486	1,474
short-term	174	175	153	153	150
Swaps outstanding	7	6	6	6	6
Average maturity of the negotiable debt					
before swaps	7 years	6 years	7 years	7 years	7 years
	5 days	363 days	47 days	81 days	134 days
after swaps	7 years	6 years	7 years	7 years	7 years
	2 days	362 days	47 days	81 days	134 days
Source: Agence France Trésor					

Secondary market



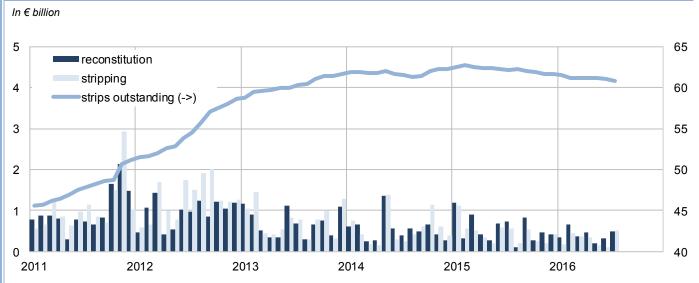


Average daily volume of medium- and long-term

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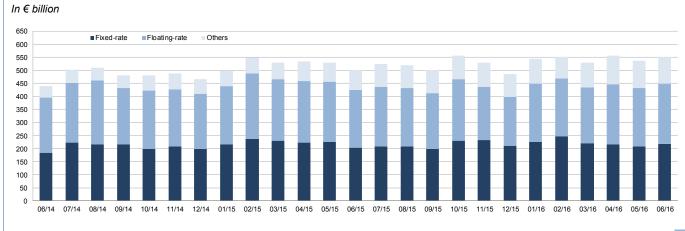
Source: reporting by primary dealers in government securities, excluding flows arising from the Eurosystem public sector purchase programme.

Total stripping and reconstitution



Source: Euroclear





Source: reporting by primary dealers in government securities



# Short-term debt at 31 July 2016

	Maturity	Outstanding (€)
BTF	03 August 2016	6,538,000,000
BTF	10 August 2016	7,743,000,000
BTF	18 August 2016	5,862,000,000
BTF	24 August 2016	6,895,000,000
BTF	31 August 2016	6,504,000,000
BTF	07 September 2016	7,040,000,000
BTF	14 September 2016	5,555,000,000
BTF	21 September 2016	7,940,000,000
BTF	28 September 2016	5,828,000,000
BTF	05 October 2016	7,311,000,000
BTF	12 October 2016	8,049,000,000
BTF	19 October 2016	7,190,000,000
BTF	26 October 2016	5,209,000,000
BTF	09 November 2016	7,161,000,000
BTF	23 November 2016	6,382,000,000
BTF	07 December 2016	3,590,000,000
BTF	21 December 2016	3,363,000,000
BTF	04 January 2017	7,090,000,000
BTF	01 February 2017	6,746,000,000
BTF	01 March 2017	6,366,000,000
BTF	29 March 2017	6,135,000,000
BTF	26 April 2017	5,030,000,000
BTF	24 May 2017	4,972,000,000
BTF	21 June 2017	4,571,000,000
BTF	19 July 2017	1,276,000,000

# Medium- and long-term debt (maturing 2016-2019) at 31 July 2016

ISIN Code	Bond	Outstanding (€)	Ind. Coeff.	Face value	Stripped (€)
	Maturity 2016	37,607,000,000			
FR0000187361	OAT 5% 25 October 2016	26,204,000,000			215,517,000
FR0011857218	OAT 0.25% 25 November 2016	11,403,000,000			0
	Maturity 2017	126,715,350,650			
FR0120473253	BTAN 1.75% 25 February 2017	22,150,000,000			_
FR0010415331	OAT 3.75% 25 April 2017	29,051,000,000			0
FR0120746609	BTAN 1% 25 July 2017	20,418,000,000			-
FR0010235176	OATi 1% 25 July 2017	20,321,350,650	(1) 1.13877	17,845,000,000	0
FR0010517417	OAT 4.25% 25 October 2017	34,775,000,000			0
	Maturity 2018	140,238,011,610			
FR0012634558	OAT 0% 25 February 2018	19,107,000,000			0
FR0010604983	OAT 4% 25 April 2018	32,769,000,000			0
FR0011394345	OAT 1% 25 May 2018	23,412,000,000			0
FR0011237643	OAT€i 0.25% 25 July 2018	11,738,011,610	(1) 1.04273	11,257,000,000	0
FR0010670737	OAT 4.25% 25 October 2018	30,947,000,000	. ,		0
FR0011523257	OAT 1% 25 November 2018	22,265,000,000			0
	Maturity 2019	156,058,577,846			
FR0013101466	OAT 0% 25 février 2019	15,880,000,000			0
FR0000189151	OAT 4.25% 25 April 2019	31,478,000,000			0
FR0011708080	OAT 1% 25 May 2019	23,095,000,000			0
FR0010850032	OATi 1.3% 25 July 2019	12,581,288,400	(1) 1.07166	11,740,000,000	0
FR0000570921	OAT 8.5% 25 October 2019	8,844,392,893			5,465,385,100
FR0010776161	OAT 3.75% 25 October 2019	35,410,000,000			0
FR0011993179	OAT 0.5% 25 November 2019	28,737,000,000			0
FR0000570954	OAT cap. 9.82% 31 December 2019	32,896,553	(2)	6,692,154	_
	devotion apofficient (face value if poofficient		· /	-,,	

(1) face value x indexation coefficient (face value if coefficient < 1)</li>
(2) Including coupons capitalised at 31 December 2015; not open to subscription

# Medium- and long-term debt (maturing in 2020 and beyond) at 31 July 2016

egotiable nent debt					AGEN	
m- and long-t	erm debt (maturing in 2020 and b	eyond) at 31 July 20	016		(K)	
SIN Code	Bond	Outstanding (€)	Ind. Coeff.	Face value	Stripped (€)	.TC
	Maturity 2020	147,088,878,800			,	
	OAT 3.5% 25 April 2020	37,927,000,000			0	
	OAT 0% 25 May 2020	22,969,000,000	1 000 40	20.240.000.000	0	
	OAT€i 2.25% 25 July 2020 OAT 2.5% 25 October 2020	24,848,878,800 (1 36,562,000,000	) 1.22348	20,310,000,000	0	
	OAT 0.25% 25 November 2020	24,782,000,000			0	
	Maturity 2021	101,967,407,300			-	
FR0013140035	OAT€i 0.1% 1 March 2021	3,144,342,300 (1	) 1.00298	3,135,000,000	0	
	OAT 3.75% 25 April 2021	37,837,000,000			0	
	OAT 0% 25 May 2021	14,143,000,000			0	
	OATi 0.1% 25 July 2021 OAT 3.25% 25 October 2021	6,952,065,000 (1 39,891,000,000	) 1.01490	6,850,000,000	0	
10011039000	Maturity 2022	91,411,237,550			0	
FR0000571044	OAT 8.25% 25 April 2022	1,243,939,990			619,468,400	
	OAT 3% 25 April 2022	40,615,000,000			0	
	OAT€i 1.1% 25 July 2022	19,500,297,560 (1	) 1.08764	17,929,000,000	0	
FR0011337880	OAT 2.25% 25 October 2022	30,052,000,000			0	
ED0000571085	Maturity 2023 OAT 8.5% 25 April 2023	<b>104,685,376,923</b> 10,606,195,903			5,491,900,200	
	OAT 1.75% 25 May 2023	35,237,000,000			0	
	OATi 2.1% 25 July 2023	15,657,181,020 (1	) 1.10394	14,183,000,000	0	
	OAT 4.25% 25 October 2023	43,185,000,000			459,585,000	
	Maturity 2024	76,497,833,170				
	OAT 2.25% 25 May 2024	33,135,000,000	1 04050	40,000,000,000	10,000,000	
	OAT€i 0.25% 25 July 2024 OAT 1.75% 25 November 2024	13,127,833,170 (1 30,235,000,000	) 1.01853	12,889,000,000	0 46,000,000	
-R0011902396	Maturity 2025	90,752,815,798			40,000,000	
FR0012558310	OATi 0.1% 1 March 2025	6,270,887,680 (1	) 1.00624	6,232,000,000	0	
FR0012517027	OAT 0.5% 25 May 2025	32,870,000,000			0	
	OAT 6% 25 October 2025	26,039,928,118			3,138,464,400	
FR0012938116	OAT 1% 25 November 2025	25,572,000,000			0	
ER0010916924	Maturity 2026 OAT 3.5% 25 April 2026	<b>59,685,000,000</b> 35,814,000,000			159,313,000	
R0013131877	OAT 0.5% 25 May 2026	23,871,000,000			0	
	Maturity 2027	48,733,418,380			-	
FR0011008705	OAT€i 1.85% 25 July 2027	13,704,418,380 (1	) 1.07183	12,786,000,000	0	
FR0011317783	OAT 2.75% 25 October 2027	35,029,000,000			0	
-D0000-74000	Maturity 2028	23,815,557		40.000.000		
-RUUUU5/1226	OAT zero coupon 28 March 2028 Maturity 2029	23,815,557 (3 39,750,298,182	) 	46,232,603	-	
FR0000571218	OAT 5.5% 25 April 2029	29,091,880,458			3,349,609,100	
	OATi 3.4% 25 July 2029	10,658,417,724 (1	) 1.25850	8,469,144,000	0	
	Maturity 2030	38,727,686,720				
	OAT 2.5% 25 May 2030	31,023,000,000			0	
-KUU11982776	OAT€i 0.7% 25 July 2030	7,704,686,720 (1	) 1.00544	7,663,000,000	0	
FR0012993103	Maturity 2031 OAT 1.5% 25 May 2031	<b>20,581,000,000</b> 20,581,000,000			0	
10012000100	Maturity 2032 and later	193,383,288,800			Ŭ	
FR0000188799	OAT€i 3.15% 25 July 2032	12,594,742,400 (1	) 1.23964	10,160,000,000	0	
	OAT 5.75% 25 October 2032	28,114,322,600			11,013,157,400	
	OAT 4.75% 25 April 2035	25,004,000,000			5,109,167,000	
	OAT 1.25% 25 May 2036	8,789,000,000 26 534 000 000			0	
	OAT 4% 25 October 2038 OAT€i 1.8% 25 July 2040	26,534,000,000 12,615,223,800 (1	) 1.14830	10,986,000,000	4,904,211,400 0	
	OAT 4.5% 25 April 2041	29,290,000,000	,	10,000,000,000	7,305,039,000	
	OAT 3.25% 25 May 2045	20,598,000,000			498,600,000	
FR0010171975	OAT 4% 25 April 2055	14,926,000,000			7,274,588,000	
	OAT 4% 25 April 2060	11,918,000,000			5,700,284,100	
-KUU13154028	OAT 1.75% 25 May 2066 ion coefficient (face value if coefficient <	3,000,000,000			42,000,000	

#### Most recent economic indicators

Industrial output, year-on-year	0.4%	Jun. 2016
Household consumption*, year-on-year	1.0%	Jul. 2016
Unemployment rate (ILO)	9.9%	Jun. 2016
Consumer prices, year-on-year		
all items	0.2%	Jul. 2016
all items excluding tobacco	0.2%	Jul. 2016
Trade balance, fob-fob, sa (€bn)	-€3.4bn	Jun. 2016
" "	-€2.7bn	May. 2016
Current account balance, sa (€bn)	-€0.6bn	Jun. 2016
H H	-€0.3bn	May. 2016
10-year constant maturity rate (TEC10)	0.18%	30 Aug. 2016
3-month interest rate (Euribor)	-0.30%	29 Aug. 2016
EUR / USD	1.1168	30 Aug. 2016
EUR / JPY	114.27	30 Aug. 2016

# Monthly government budget position

In € billion

Source: Minefi

				end of June level			
	2014	2015	2014	2015	2016		
General budget balance	-85.71	-72.15	-42.78	-41.42	-38.79		
revenue	291.95	299.66	151.57	152.43	155.10		
expenditure	377.66	371.80	194.35	193.85	193.90		
Balance of special Treasury accounts	0.16	1.62	-16.62	-17.08	-23.00		
General budget outturn	-85.56	-70.52	-59.41	-58.49	-61.80		

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\* manufactured products Sources: Insee, Minefi, Banque de France

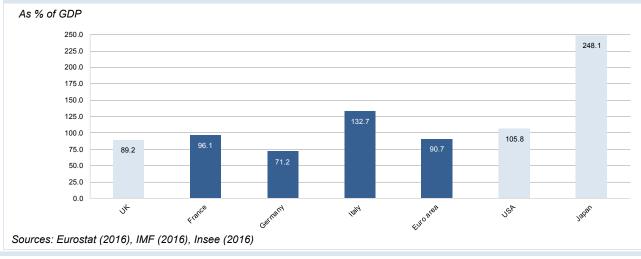
#### Public finances: deficit and debt

#### As % of GDP 9 ---96 92 8 7.2 88 6.8 7 84 80 6 5.1 4.8 76 5 4.0 4.0 72 3.9 3.2 3.3 3.6 3.5 4 68 3.1 2.3 3 64 60 2 56 1 52 0 48 2004 2005 2010 2012 2013 2014 2015 2002 2003 2006 2008 2009 2007 2011 2001 deficit (left-hand scale)

debt (right-hand scale) debt excluding impact of European guarantees debt (right-hand scale) debt including impact of European guarantees

Source: Eurostat, Insee

# General government debt in 2015



# French economic indicators: timetable

Inte	nomy and ernational nparisons	Pri	
Frenc	h economic indicators: timetable		JUF
	September 2016	October 2016	
	Household confidence survey: August survey	Foreign trade by value August	
	Foreign trade by value July	Industrial output in August	
	Balance of payments in july	Balance of payments in August	
	Payroll employment: Q2-2016	Eurozone economic outlook - Q4-2016	
	9 Industrial output in July	Consumer prices: index for September	
	Consumer prices: index for August	Inflation (HICP): September index	
	15 Inflation (HICP): August index	1 Industrial trends: quarterly survey for October	
	Industrial trends: monthly survey for September	1 Industrial trends: monthly survey for October	
	Quarterly national accounts: final results Q2-2016	Job seekers in September	
	Job seekers in August	Household confidence survey: October survey	
	Housing starts in August	Housing starts in September	
	Household confidence survey. September survey	1 Industrial producer prices: September index	
	Net foreign exchange reserves in August	Household consumption expenditure on goods in September	
	Debt of the general government according to Maastricht definition - Q2 2016	Quarterly national accounts: initial estimate Q3-2016	
	Household consumption expenditure on goods in July and August	31 Net foreign exchange reserves in September	
Source	s: Insee Eurostat		

Sources: Insee, Eurostat

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