

ORT 1.5 % 04-2005 OAT 3 % 01-2009 OAT 5.25 % 04-2008 OAT TEC 10 01-2009 OAT 4 % 10-2009 OAT 5 % 10-2016 OAT 8.5 % 04-2023 OAT 5.5 % 04-2029 OAT 4 % 10-2009  
 OAT 5.5 % 04-2010 OAT 3.4 % 01-2029 BTAN 4 % 01-2002 BTAN 4.5 % 01-2002 BTAN 3.5 % 01-2004 BTAN 5 % 01-2005 OAT 4 % 04-2009 BTAN 5 % 01-2006 BTAN 4.5 %  
 01-2003 BTAN 3.5 % 01-2004 OAT 7.5 % 04-2005 BTF 3/05/2001 BTF 21/06/2001 BTF 2/08/2001 BTF 29/03/2001 OAT 3 % 01-2009 OAT 5.25 % 04-2008 OAT TEC  
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N° 151

December 2002

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## monthly bulletin

# French government debt news

In accordance with the government funding programme for 2002 presented on 17 December 2001, no OATs and BTANs will be auctioned in December 2002, which means that we can already provide a first overview of medium and long-term issues for 2002.

The nominal value of long-term issues (OATs) amounts to € 53.9 bn, divided as follows:

- 10-year fixed-rate OATs: € 33.9 bn (two new lines were created this year, the 5% April 2012 OAT and the 4.75% October 2012 OAT);
- Fixed-rate OATs with a maturity of over 10 years: € 9.6 bn (by reissuing the 5% October 2016 and 5.75% October 2032 lines);
- OATs pegged to the consumer price index: € 10.4 bn, of which € 3 bn OAT $\text{€}_i$  and € 7.4 bn OAT $\text{€}_i$ ; (a new line was issued this year, the 3.15% July 2032 OAT $\text{€}_i$ ).

The total nominal value of medium-term issues (BTANs) amounts to € 43 bn, divided as follows:

- 2-year BTANs: € 18.3 bn (a new line was created this year, the 3.5% January 2005 BTAN);
- 5-year BTAN: € 24.7 bn (a new line was created this year, the 4.75% July 2007 BTAN).

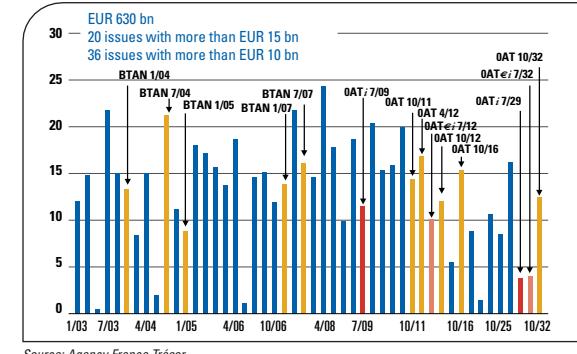
Moreover, from 1 January to 30 November 2002 the government bought back securities with a nominal value of € 8.5 bn, including € 3.9 bn worth of securities maturing in 2003 and € 0.9 bn switched between 2029 OAT $\text{€}_i$  and the new 2032 OAT $\text{€}_i$ .



# AGENCY FRANCE TRÉSOR

## French government long- and medium-term negotiable debt on November 30, 2002

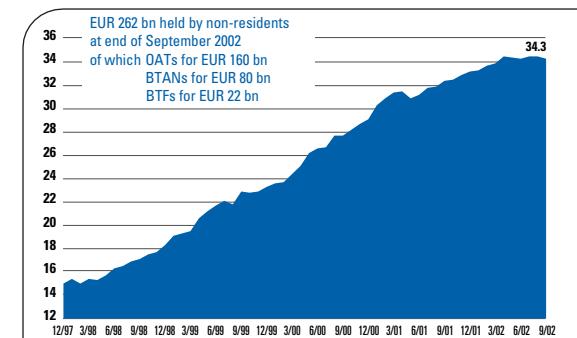
EUR billion



Source: Agency France Trésor

## Non-resident holdings of French government negotiable debt securities

as a % of negotiable debt outstanding



Source: Balance of payments

# primary market

## ► Auction calendar

2/12/2002	Settlement on	9/12/2002	Settlement on	16/12/2002	Settlement on	23/12/2002	Settlement on	30/12/2002	Settlement on
<b>BTF</b>	5/12/2002	<b>BTF</b>	12/12/2002	<b>BTF</b>	19/12/2002	<b>BTF</b>	27/12/2002	<b>BTF</b>	2/1/2003
12 weeks		13 weeks		12 weeks		13 weeks		12 weeks	
6 months or 1 year		6 months or 1 year		6 months or 1 year		6 months or 1 year		6 months or 1 year	
									<b>no OAT or BTAN auctions in December</b>

Source: Agency France Trésor

## ► Last auctions OATs and BTANs

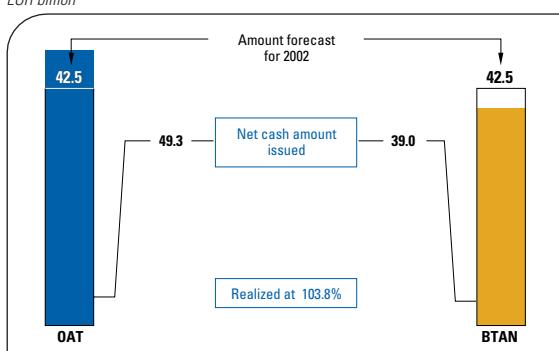
EUR million

	OAT	BTAN 2 years	BTAN 5 years
	October 2002	January 2005	July 2007
	4.75%	3.5%	4.75%
<b>Auction date</b>	<b>7/11/02</b>	<b>21/11/02</b>	<b>21/11/02</b>
Settlement date	12/11/02	26/11/02	26/11/02
Volume announced	from 2 300 to 2 800	from 3 500 to 4 000	
Amount bid	6 070	6 925	6 205
<b>Amount served</b>	<b>3 199</b>	<b>1 520</b>	<b>2 392</b>
Of which non competitive tenders	429	0	0
Bid-to-cover ratio	2.19	4.56	2.59
Stop price	100.67%	100.80%	104.15%
Weighted average rate	4.66%	3.10%	3.74%
Previous auctions	3/10/02	17/10/02	17/10/02
Weighted average rate	4.46%	3.49%	4.10%

Source: Agency France Trésor

## ► Long- and medium-term financing over the year on November 30, 2002

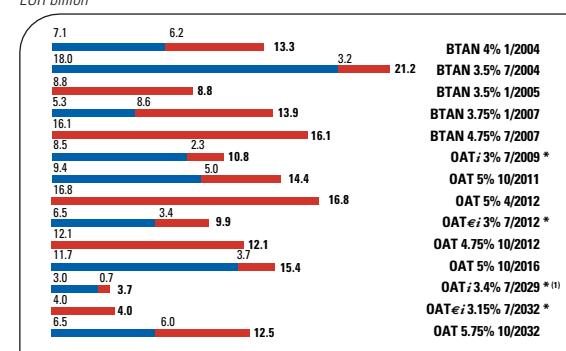
EUR billion



Source: Agency France Trésor

## ► BTANs and OATs 2002 issues and cumulative total on November 30, 2002

EUR billion



\* nominal value  
(1) Not including EUR 920 mln exchanged for 3.15% OATE i July 2032 (to be taken from end 2001 amount)

Source: Agency France Trésor

## ► Last auctions BTF

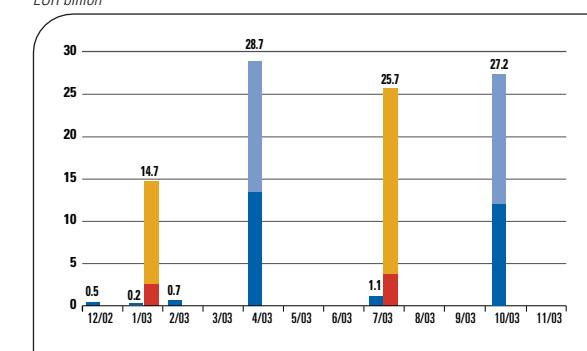
EUR million

	BTF	BTF	BTF	BTF
	1 month	3 month	6 month	1 year
4/11/2002				
Amount served		2 006		1 017
Weighted average rate		3.03%		2.94%
12/11/2002				
Amount served		2 006	1 551	
Weighted average rate		2.98%	2.89%	
18/11/2002				
Amount served		2 140	1 653	
Weighted average rate		2.95%	2.87%	
25/11/2002				
Amount served		3 037	2 244	
Weighted average rate		2.93%	2.89%	

Source: Agency France Trésor

## ► OATs and BTANs: indicative repayment schedule on November 30, 2002

EUR billion

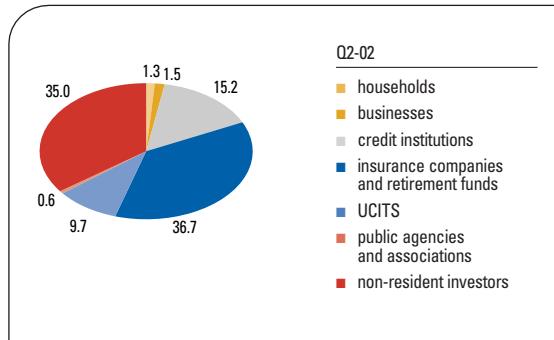


Source: Agency France Trésor

# secondary market

## ➤ OAT ownership by type of holder

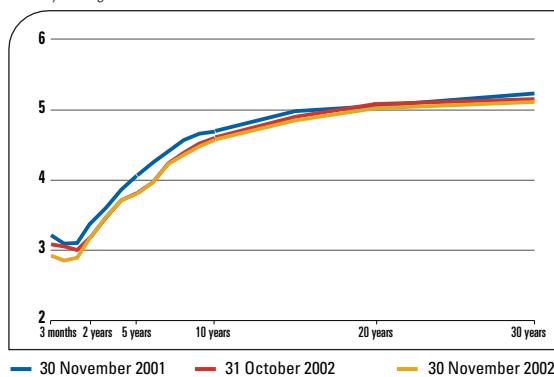
ownership structure in %



Source: These figures come from a Banque de France survey; the percentage of non-resident holdings is compatible with the more exhaustive figures coming from the balance of payments (see page 1).

## ➤ French government yield curve

monthly average in %



Source: Bloomberg

## ➤ Breakeven inflation in France and in euro zone

daily quotes in %

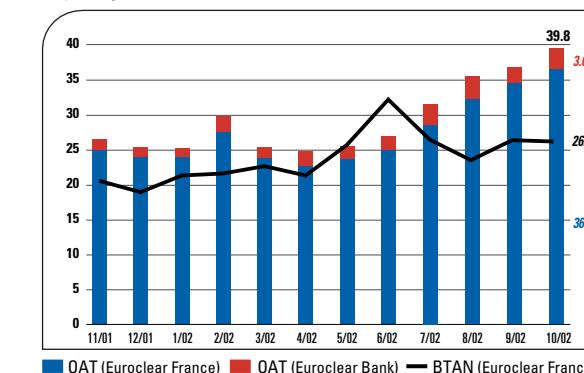


\* difference between the yield of the OAT 4% April 2009 and the yield of the OAT 3% July 2009  
\*\* difference between the yield of the OAT 5% April 2012 and the yield of the OAT 3% July 2012

Source: Bloomberg

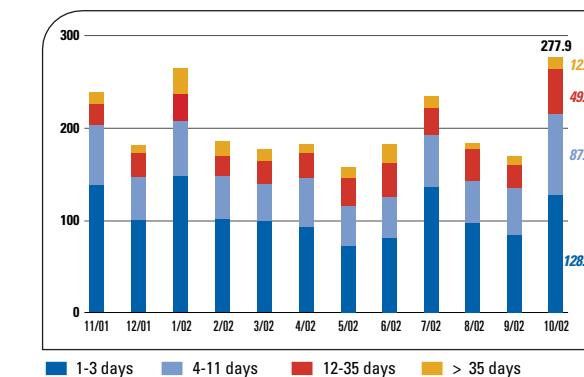
## ➤ Turnover on the 5 most liquid OATs and the 4 most liquid BTANs

daily average (EUR billion)



## ➤ Primary dealers, monthly fixed-rate repo transactions

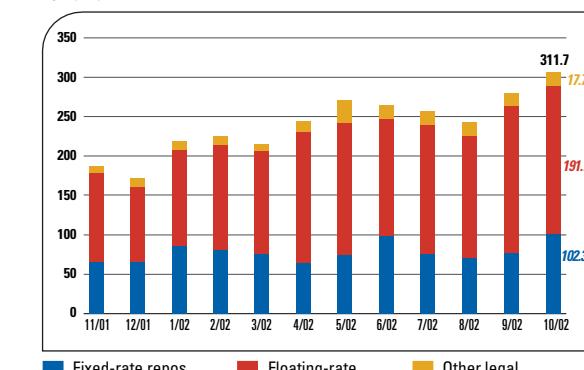
EUR billion



Source: Primary dealers

## ➤ Primary dealers, repo outstanding at end of month

EUR billion



Source: Primary dealers

## ➤ Negotiable government debt and swaps

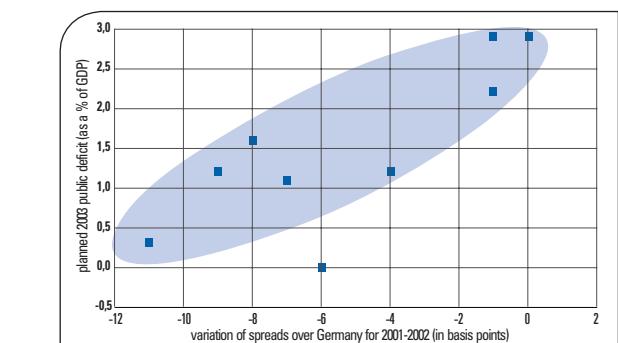
EUR billion

	end 1999	end 2000	end 2001	October 2002	November 2002
Negotiable Government debt outstanding	583	616	653	710	709
OAT	395	419	443	487	478
BTAN	154	154	158	149	153
BTF	34	43	52	74	79
Swaps outstanding	///	///	37	61	nd
Average maturity of the negotiable debt					
before swaps	6 years 99 days	6 years 64 days	6 years 47 days	6 years 27 days	6 years 28 days
after swaps	///	///	5 years 358 days	5 years 313 days	nd

Source: Agency France Trésor

## focus

A comparison between 2001-2002 spread variation and planned 2003 public deficits in euro zone member countries



Sources: Financial Times, Eurostat

### Can there be stability after the Pact?

Two apparently unrelated events occurred in recent weeks. First, Romano Prodi's comments upon the Stability and Growth Pact towards the end of October added the voice of Brussels to the long list of the Pact's critics. Despite the ECB's immediate response, the Pact nevertheless seems to have lost credibility. Secondly, the spreads between the German and French rates, on the one hand, and the Spanish, Greek, Finnish and Belgian rates, on the other, began to narrow. According to market operators, this was due to a combination of worsening economic and financial outlook for the two major countries in the euro area, which were getting ready to step outside the boundaries of the Pact, and improving prospects for the smaller countries, particularly positive budgetary prospects for Spain and a higher credit rating for Greece from Fitch.

Comparison of these two events raises questions likely to be at the forefront of political and economic discussions in the months ahead.

The Pact's problems were predictable. In the upward leg of the economic cycle it is redundant because its commitments are easy to keep. At the low end of the cycle, it is a straightjacket for macroeconomic policy, which rules out the use of automatic stabilisers. Moreover, it is difficult to impose penalties "between peers" since the Member States are both judges and interested parties. This problem, overlooked when the euro was launched (which occurred at a time of economic growth), is highlighted by the economic slowdown.

Clearly, the criticism currently levelled at the Pact only concerns its effectiveness as a tool to achieve the Pact's objectives. Even "after the Pact", the euro area will need stability and mechanisms to curtail budgetary overspending. This is the spirit of the reforms recently proposed by Pedro Solbes, which would inter alia leave more room for automatic stabilisers and for the impact of the economic cycle. But even

if the mechanism is optimised, application of penalties remains a complex problem.

It would be relevant to base disciplinary mechanisms on market instruments. Differences in creditworthiness should be reflected in price differences in government securities, which would induce the Member States to restrain their budget. This would make it unnecessary for the European partners to apply macroeconomic discipline to other "in" countries. The market would do so, as demonstrated by several factors, which strengthen the feeling that the weakness of the Pact currently up for amendment (limits on public deficits) has already been factored in by the markets. For instance, while spreads with German rates are relatively accurately correlated with public debt (as a percent of GDP), there is much less correlation with the public deficit. Calculations show that the link between deficits and spreads is even negative in certain years! This clearly suggests that the markets pay more attention to the structural position than to the cyclical position of governments. From this angle, the ongoing reform of the Pact approaches market principles.

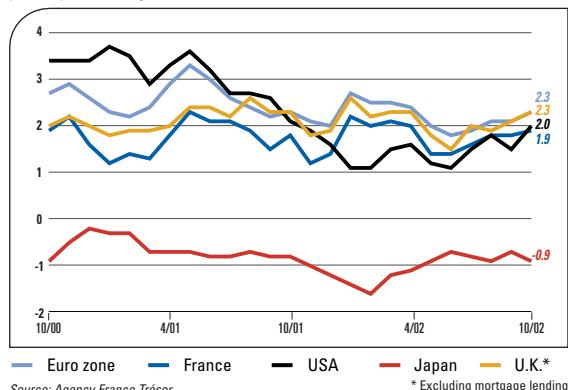
The attention paid to this aspect by market operators can further be illustrated by comparing the change in spreads with macroeconomic expectations. If the above analysis is correct, the recent convergence owes much to the expected deterioration of public accounts. This is precisely the message of the diagram opposite ("focus"), which shows that the deficits expected for 2003 have affected the rankings of the "in" countries. Clearly, countries whose market expected good public accounts come closest to German rates. If this conclusion is correct, the discipline imposed by the market is likely to be of decisive importance for developments after the Pact.

Marc FLANDREAU  
Lehman Brothers

*Notice: this Agency France Trésor forum offers economists an opportunity to express their personal opinion. Thus, the above article strictly reflects the author's view, and should not be construed as expressing the viewpoints of Agency France Trésor or the Ministry of the Economy, Finance and Industry.*

## ➤ Consumer prices

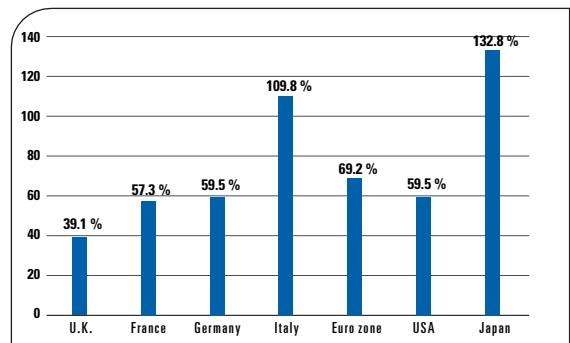
year on year % change



Source: Agency France Trésor

## ➤ General government debt in 2001

as a % of GDP



Source: INSEE, Eurostat, OECD

## ➤ Timetable for the release of French economic indicators

### December 2002

- 3 Household confidence survey: November survey
- 6 Gross foreign exchange reserves in November
- 9 Central government budget: statement at end of October
- 11 Consumer prices: provisional index for November
- 12 Industrial output in October
- 12 Payroll employment: final results Q3-2002
- 13 Foreign trade in October
- 20 Wages: final statistics Q3-2002
- 20 Balance of payments in October
- 20 Household consumption of manufactured goods in November
- 20 Consumer prices: final index for November
- 24 Balance of payments: Q3-2002
- 24 Industrial producer prices: November index
- 27 New building starts in November
- 27 Industrial trends: monthly survey for December
- 27 Job seekers in November
- 31 Net foreign exchange reserves in November

### January 2003

- 7 Household confidence survey: December survey
- 8 Gross foreign exchange reserves in December
- 8 Central government budget: statement at end of November
- 10 Quarterly national accounts: final results Q3-2002
- 10 Cost-of-construction: index Q3-2002
- 14 Consumer prices: provisional index for December
- 14 Industrial output in November
- 14 Foreign trade in November
- 17 Balance of payments in November
- 21 Household consumption of manufactured goods in December
- 24 Consumer prices: final index for December
- 28 New building starts in December
- 30 Industrial trends: monthly survey for January
- 30 Industrial producer prices: December index
- 31 Job seekers in December
- 31 Central government budget: statement at end of December
- 31 Net foreign exchange reserves in December

Harmonized index of consumer prices (Eurostat) :

Index for November: December, 18

Index for December: January, 22

## ➤ Macro-economic forecast

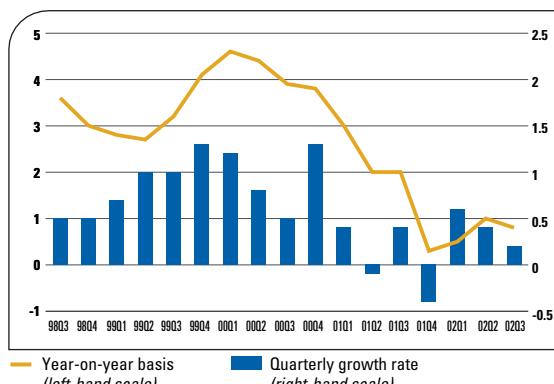
Real growth rate as a %

	2001	2002	2003
French GDP	1.8	1.2	2.5
Eurozone GDP	1.4	0.8	2.1
Household consumption	2.6	1.8	2.4
Investment	2.3	0.4	2.1
of which: business investment	2.9	0.0	3.0
Exports	0.5	0.7	6.0
Imports	0.1	1.5	8.1
Consumer prices, year-on-year as a %	1.4	2.1	1.6

Source: 2003 Budget bill / Economic, social and financial report

## ➤ Gross Domestic Product

in %



Source: INSEE, Quarterly National Accounts (95 prices)

## ➤ Government budget monthly position

EUR billion

	end-of-October level				
	2000	2001	2000	2001	2002
<b>General budget</b>					
balance	-29.34	-31.63	-22.58	-25.36	-46.18
- expenditure	259.31	266.03	215.83	221.78	233.08
- revenue	229.97	234.41	193.25	196.42	186.90
<b>Balance of special Treasury accounts</b>					
Treasury accounts	0.19	-0.42	-5.45	-4.73	-6.49
<b>General budget</b>					
Outturn	-29.15	-32.05	-28.03	-30.09	-52.67

Source: Ministry of the Economy, Finance and Industry, Budget Directorate  
For more information: [http://www.minefi.gouv.fr/minefi/chiffres/budget\\_etat/](http://www.minefi.gouv.fr/minefi/chiffres/budget_etat/)

## ➤ Recent economic indicators

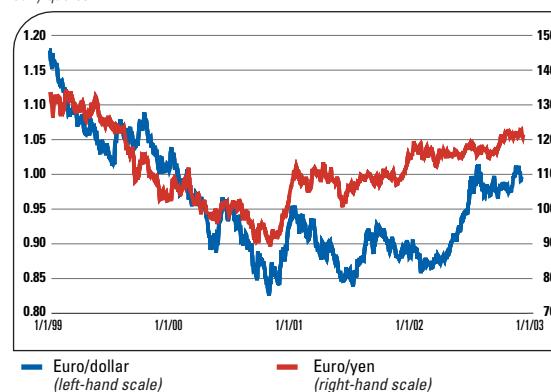
Industrial output*, year-on-year	-2.0%	9/2002
Household consumption*, year-on-year	2.3%	10/2002
Unemployment rate (ILO), in %	9.0%	10/2002
Inflation, year-on-year	1.9%	10/2002
Inflation, excl. tobacco, year-on-year	1.8%	10/2002
<i>Seasonally-adj. FOB/FOB data (EUR bn)</i>		
Trade balance	0.5	9/2002
"	1.5	8/2002
Current account balance	1.5	9/2002
"	3.1	8/2002
<i>10-year interest rate (TEC10)</i>		
3-month interest rate (Euribor)	4.62 %	at 29/11/2002
EUR/\$	3.047 %	at 29/11/2002
EUR/Yen	0.9927	at 29/11/2002
	121.56	at 29/11/2002

Source: INSEE, Ministry of the Economy, Finance and Industry  
and Banque de France

\* manufactured goods

## ➤ Euro exchange rate

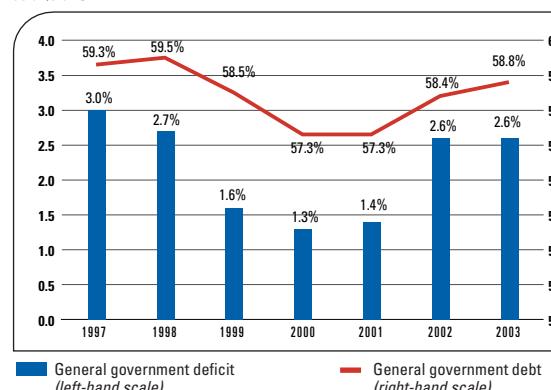
daily quotes



Source: European Central Bank

## ➤ Public finance

as a % of GDP



Source: 2003 Budget bill / Economic, social and financial report

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n° 151

décembre 2002

# dette négociable de l'Etat

French government negotiable debt outstanding

## OAT au 30 novembre 2002 / OAT at November 30, 2002

en euros



# AGENCE FRANCE TRÉSOR

CODE ISIN Euroclear France	Libellé de l'emprunt/ Bond	Encours/ Outstanding	dont encours démembrés/ Stripped bonds	CODE ISIN Euroclear France	Libellé de l'emprunt/ Bond	Encours/ Outstanding	dont encours démembrés/ Stripped bonds	CODE ISIN Euroclear France	Libellé de l'emprunt/ Bond	Encours/ Outstanding	dont encours démembrés/ Stripped bonds	
	<b>Échéance / Maturity 2003</b>	<b>30 300 797 652</b>			<b>Échéance / Maturity 2009</b>	<b>60 383 105 134</b>			<b>Échéance / Maturity 2016</b>	<b>15 372 000 000</b>		
FR000057027 7	OAT 8,50% 25 avril 2003	14 814 026 287	2 330 020 000	FR000057067 3 V	OAT TEC10 25 janvier 2009	9 853 044 498		FR000018736 1	OAT 5% 25 octobre 2016	15 372 000 000	688 980 000	
FR000057028 5	OAT 8% 25 avril 2003	498 616 500	204 630 000	FR000057143 2	OAT 4% 25 avril 2009	18 640 258 390			<b>Échéance / Maturity 2019</b>	<b>8 853 256 495</b>		
FR000057030 1	OAT 6,75% 25 octobre 2003	14 988 154 865	1 123 300 000	FR000057142 4 I	OAT 3% 25 juillet 2009	11 475 038 953	(1)	FR000057092 1	OAT 8,50% 25 octobre 2019	8 844 392 893	4 058 680 000	
	<b>Échéance / Maturity 2004</b>	<b>36 528 606 841</b>		FR000018868 2 I	OAT 3% 25 juillet 2009 août 2002 (valeur nominale/face value)	33 398	(1) (10 845 049 999)	FR000057095 4 C	ÉTAT 9,82% 31 décembre 2019 (valeur nominale/face value)	8 863 602	(3) (6 692 154)	
FR000057032 7	OAT 8,25% 27 février 2004	8 380 671 358		FR000018874 0 I	OAT 3% 25 juillet 2009 septembre 2002 (valeur nominale/face value)	300 021	(1) (283 550)		<b>Échéance / Maturity 2022</b>	<b>1 408 940 490</b>		
FR000057036 8	OAT 5,50% 25 avril 2004	15 005 796 930	1 011 060 000	FR000018877 3 I	OAT 3% 25 juillet 2009 octobre 2002 (valeur nominale/face value)	71 995	(1) (68 042)	FR000057104 4	OAT 8,25% 25 avril 2022	1 408 940 490	1 038 300 000	
FR000057034 3	OAT 6% 25 avril 2004	1 953 143 000	418 300 000	FR000018881 5 I	OAT 3% 25 juillet 2009 novembre 2002 (valeur nominale/face value)	220 841	(1) (208 717)		<b>Échéance / Maturity 2023</b>	<b>10 606 195 903</b>		
FR000057040 0	OAT 6,75% 25 octobre 2004	11 188 995 553	1 553 460 000	FR000018619 9	OAT 4% 25 octobre 2009	20 414 137 038		FR000057108 5	OAT 8,50% 25 avril 2023	10 606 195 903	8 012 030 000	
	<b>Échéance / Maturity 2005</b>	<b>33 774 246 330</b>		FR000018660 3	<b>Échéance / Maturity 2010</b>	<b>31 162 742 970</b>			<b>Échéance / Maturity 2025</b>	<b>8 511 928 118</b>		
FR000057043 4	OAT 7,50% 25 avril 2005	18 072 406 569	2 722 960 000	FR000018702 3	OAT 5,50% 25 avril 2010	15 311 719 352		FR000057115 0	OAT 6% 25 octobre 2025	8 511 928 118	2 721 580 000	
FR000057046 7	OAT 7,75% 25 octobre 2005	15 701 839 761	2 281 620 000		FR000057073 1	<b>Échéance / Maturity 2011</b>	<b>34 380 332 042</b>			<b>Échéance / Maturity 2028</b>	<b>11 402 618</b>	
	<b>Échéance / Maturity 2006</b>	<b>46 753 093 816</b>		FR000018787 4	OAT 6,50% 25 avril 2011	19 972 445 710		FR000057122 6 C	OAT zéro coupon 28 mars 2028 (valeur nominale/face value)	11 402 618	(4) (46 232 603)	
FR000057049 1	OAT 7,25% 25 avril 2006	18 672 039 415	947 710 000		FR000057073 2	OAT 5% 25 octobre 2011	14 407 886 332			<b>Échéance / Maturity 2029</b>	<b>20 083 923 422</b>	
FR000057050 9	OAT 7% 25 avril 2006	1 091 244 000	420 650 000			<b>Échéance / Maturity 2012</b>	<b>44 492 086 363</b>		FR000057121 8	OAT 5,50% 25 avril 2029	16 233 880 762	2 025 140 000
FR000057053 3	OAT 6,50% 25 octobre 2006	15 102 140 991	513 110 000		FR000018832 8	OAT 5% 25 avril 2012	16 663 992 175		FR000018641 3 I	OAT 3,40% 25 juillet 2029 (valeur nominale/face value)	3 850 042 660	(5) (3 654 144 000)
FR000057054 1 V	OAT TEC10 25 octobre 2006	11 887 669 410		FR000018842 7	OAT 5% 25 avril 2012 mai 2002	37 709 942				<b>Échéance / Maturity 2032</b>	<b>16 478 360 000</b>	
	<b>Échéance / Maturity 2007</b>	<b>36 408 826 908</b>		FR000018850 0	OAT 5% 25 avril 2012 juin 2002	46 540 913		FR000018879 9 I	OAT 3,15% 25 juillet 2032 (valeur nominale/face value)	4 008 360 000	(6) (4 000 000 000)	
FR000057057 4	OAT 5,50% 25 avril 2007	21 771 775 424	303 250 000	FR000018865 8	OAT 5% 25 avril 2012 juillet 2002	37 530 068		FR000018763 5	OAT 5,75% 25 octobre 2032	12 470 000 000	967 400 000	
FR000057059 0	OAT 5,50% 25 octobre 2007	14 637 051 484	240 930 000	FR000018867 4	OAT 5% 25 avril 2012 août 2002	23 337 482						
	<b>Échéance / Maturity 2008</b>	<b>42 188 093 494</b>		FR000018801 3 I	OAT 3% 25 juillet 2012	10 112 887 900	(2) (9 895 000 000)					
FR000057063 2	OAT 5,25% 25 avril 2008	24 403 932 367	186 450 000	FR000018869 0	OAT 4,75% 25 octobre 2012	12 045 229 173						
FR000057066 5	OAT 8,50% 25 octobre 2008	17 784 161 127	3 222 080 000	FR000018880 7	OAT 4,75% 25 octobre 2012 nov. 2002	39 161 371						
				FR000057078 0	OAT 8,50% 26 décembre 2012	5 485 697 339						

(1) valeur nominale x coefficient d'indexation au 30/11/2002 (1,05809) / face value x indexation coefficient at 30/11/2002 (1,05809)

(2) valeur nominale x coefficient d'indexation au 30/11/2002 (1,02202) / face value x indexation coefficient at 30/11/2002 (1,02202)

(3) y compris intérêts capitalisés au 31/12/2001 / including coupons capitalized at 31/12/2001 ; non offerte à la souscription / not open to the subscription

(4) valeur actualisée au 30/11/2002 / actualized value at 30/11/2002 ; non offerte à la souscription / not open to the subscription

(5) valeur nominale x coefficient d'indexation au 30/11/2002 (1,05361) / face value x indexation coefficient at 30/11/2002 (1,05361)

(6) valeur nominale x coefficient d'indexation au 30/11/2002 (1,00209) / face value x indexation coefficient at 30/11/2002 (1,00209)

1 euro = 6,55957 FRF

OAT : OAT indexé sur l'indice français des prix à la consommation (hors tabac) / OAT indexed on the French consumer prices index (excluding tobacco).

OAT*e*: OAT indexée sur l'indice des prix à la consommation harmonisé de la zone euro (hors tabac) / OAT indexed on the eurozone harmonized index of consumer prices (excluding tobacco).

TEC10 : taux de l'échéance constante à 10 ans / yield of 10-year constant maturity Treasury.

## Total général

477 697 938 596 EUR

encours démembrés / stripped bonds

38 179 100 000 EUR

en % des lignes démembrables

9,26 %

## Durée de vie moyenne des obligations : 8 ans et 84 jours

Average maturity of OATs: 8 years and 84 days

## BTAN au 30 novembre 2002 / Treasury notes at November 30, 2002

CODE ISIN	Libellé de l'emprunt / Bond	Euros
	<b>Échéance / Maturity 2003</b>	<b>33 744 156 556</b>
FR0102325695	BTAN 5% 12 janvier 2003	12 002 000 000
FR0100059601	BTAN 4,50% 12 juillet 2003	21 742 156 556
	<b>Échéance / Maturity 2004</b>	<b>34 537 000 000</b>
FR0103536092	BTAN 4% 12 janvier 2004	13 324 000 000
FR0100802273	BTAN 3,50% 12 juillet 2004	21 213 000 000
	<b>Échéance / Maturity 2005</b>	<b>26 062 000 000</b>
FR0104756962	BTAN 3,5% 12 janvier 2005	8 837 000 000
FR0101659813	BTAN 5% 12 juillet 2005	17 225 000 000
	<b>Échéance / Maturity 2006</b>	<b>28 409 000 000</b>
FR0102626779	BTAN 5% 12 janvier 2006	13 791 000 000
FR0103230423	BTAN 4,50% 12 juillet 2006	14 618 000 000
	<b>Échéance / Maturity 2007</b>	<b>29 990 000 000</b>
FR0103840098	BTAN 3,75% 12 janvier 2007	13 914 000 000
FR0104446556	BTAN 4,75% 12 juillet 2007	16 076 000 000

Total général

**152 742 156 556 EUR**

### Durée de vie moyenne des BTAN : 2 ans et 119 jours

Average maturity of BTANs: 2 years and 119 days

**Durée de vie moyenne totale de la dette  
au 30/11/2002 : 6 ans et 28 jours**  
Average maturity of debt at 30/11/2002:  
6 years and 28 days

1 euro = 6,55957 FRF

## BTF au 30 novembre 2002 / Treasury bills at November 30, 2002

	Échéance / Maturity	Euros
BTF	5/12/2002	4 378 000 000
BTF	19/12/2002	4 563 000 000
BTF	27/12/2002	4 008 000 000
BTF	2/1/2003	4 045 000 000
BTF	9/1/2003	4 097 000 000
BTF	16/1/2003	4 010 000 000
BTF	23/1/2003	4 015 000 000
BTF	30/1/2003	4 241 000 000
BTF	6/2/2003	3 509 000 000
BTF	13/2/2003	4 146 000 000
BTF	27/2/2003	3 037 000 000
BTF	6/3/2003	3 744 000 000
BTF	20/3/2003	3 873 000 000
BTF	3/4/2003	4 549 000 000
BTF	30/4/2003	4 221 000 000
BTF	15/5/2003	3 204 000 000
BTF	12/6/2003	3 342 000 000
BTF	10/7/2003	4 140 000 000
BTF	21/8/2003	2 762 000 000
BTF	30/10/2003	2 707 000 000
BTF	27/11/2003	2 244 000 000

Total général

**78 835 000 000 EUR**

### Durée de vie moyenne des BTF : 108 jours

Average maturity of BTFs: 108 days

Total général

**709 275 095 152 EUR**

Source : Agence France Trésor



BT 1.5 % 04-2005 OAT 3 % 01-2009 OAT  
 25 % 04-2008 OAT TEC 10 01-2009 OAT 4  
 10-2009 OAT 5 % 10-2016 OAT 8.5 % 04-  
 2023 OAT 5.5 % 04-2029 OAT 4 % 10-2009  
 11.5 % 04-2010 OAT 3.4 % 01-2029  
 BTAN 4 % 01-2002 BTAN 4.5 % 01-2002



OAT 1.5 % 04-2005 OAT 3 % 01-2009 OAT 5.25 % 04-2008 OAT TEC 10 01-2009 OAT 4 % 10-2009 OAT 5 % 10-  
 2016 OAT 8.5 % 04-2023 OAT 5.5 % 04-2029 OAT 4 % 10-2009 OAT 5.5 % 04-2010 OAT 3.4 % 01-2029 BTAN  
 4 % 01-2002 BTAN 4.5 % 01-2002 BTAN 3.5 % 01-2004 BTAN 5 % 01-2005 OAT 4 % 04-2009 BTAN 5 %  
 01-2006 BTAN 4.5 % 01-2003 BTAN 3.5 % 01-2004 OAT 7.5 % 04-2005 BTF 3/05/2001 BTF 21/06/2001  
 BTF 2/08/2001 BTF 29/03/2001 OAT 3 % 01-2009 OAT 5.25 % 04-2008 OAT TEC 10 01-2009 OAT 6.5 %  
 01-2009 OAT 5.5 % 04-2010 OAT 3.4 % 01-2029

## 2002 indicative calendar



**AGENCY  
FRANCE TRÉSOR**

Auction dates (A) and settlement dates (S)

	BTF		BTAN		OAT		Auction	Settlement
	A	S	A	S	A	S		
January	7	□ > ■ 10	14	□ > ■ 17	21	□ > ■ 24	28	□ > ■ 31
February	4	□ > ■ 7	11	□ > ■ 14	18	□ > ■ 21	25	□ > ■ 28
March	4	□ > ■ 7	11	□ > ■ 14	18	□ > ■ 21	25	□ > ■ 28
April	2	□ > ■ 4	8	□ > ■ 11	15	□ > ■ 18	22	□ > ■ 25
May	6	□ > ■ 10	13	□ > ■ 16	21	□ > ■ 23	27	□ > ■ 30
June	3	□ > ■ 6	10	□ > ■ 13	17	□ > ■ 20	24	□ > ■ 27
July	1	□ > ■ 4	8	□ > ■ 11	15	□ > ■ 18	22	□ > ■ 25
August	5	□ > ■ 8	12	□ > ■ 16	19	□ > ■ 22	26	□ > ■ 29
September	2	□ > ■ 5	9	□ > ■ 12	16	□ > ■ 19	23	□ > ■ 26
October	7	□ > ■ 10	14	□ > ■ 17	21	□ > ■ 24	28	□ > ■ 31
November	4	□ > ■ 7	12	□ > ■ 14	18	□ > ■ 21	25	□ > ■ 28
December	2	□ > ■ 5	9	□ > ■ 12	16	□ > ■ 19	23	□ > ■ 27
							30	□ > ■ 2/1

■ anticipated or delayed auctions (bank holidays etc.)

BTF	BTAN	OAT
Each Monday *	Following Thursday *	
3rd working Thursday of the month	Following Tuesday *	
1st working Thursday of the month **		Following Tuesday *
		* or the previous or following working day ** or the 3rd working Thursday for linkers (OAT€/and OAT\$)

MINISTÈRE DE L'ÉCONOMIE  
DES FINANCES ET DE L'INDUSTRIE

## 2002 indicative auction calendar

BTF each Monday	<ul style="list-style-type: none"> <li>• BTF 13 or 12 weeks (one week out of two)</li> <li>• BTF half yearly or yearly (one week out of two)</li> </ul>
BTAN 3rd Thursday of the month *	<ul style="list-style-type: none"> <li>• One 2-year and/or one 5-year line</li> <li>• opening of one new 2-year line</li> <li>• opening of two new 5-year lines</li> </ul>
OAT 1st Thursday of the month *	<ul style="list-style-type: none"> <li>• One or more fixed-rate (10-, 15- or 30-year) line</li> <li>plus possibly one variable rate line</li> <li>• opening of two new 10-year lines</li> </ul>
OAT linkers 1st or 3rd Thursday of the month *	<ul style="list-style-type: none"> <li>• tapping of the July 2012 OAT€/i</li> <li>• tapping of the July 2009 OAT/i or July 2029 OAT/i</li> <li>• possible opening of new lines</li> </ul>

\* except in April, August and December

The Agency France Trésor reserves the right to cancel an auction listed on the calendar if exceptional market conditions warrant it, or to hold an extra auction according to its borrowing needs and market trends.

Furthermore, the State reserves the right to create new, long- or medium-term, lines during the year, or to issue further tranches of previous issues in accordance with market conditions. The State also reserves the right to use banking syndicate issue procedures.

The exact nature of the State issues will be communicated to the market in the days preceding each auction with information on the volume of the issues.

## ➤ Reuters pages on Agency France Trésor <

INDEX TRESOR	MENU : TRESORMENU					
SVT	BTF	BTAN	OAT	OAT/i	STRIPS	PENSIONS
ABN-AMRO FIXED INCOME FRANCE	AAFBTF	AABOAT	AABOAT/01/02	AABILB	AAFISTRIP	AAFIREPO
BANQUE LEHMAN BROTHERS S.A.	LBBTF1	LBBTAN2	LBOAT1	LBOAT2	-	LBWE
BARCLAYS CAPITAL FRANCE S.A.	BARCAPPL	BARCAPPL	BARCAP0AT1/2	BARCAPIND	BARCAPSTRIPS1-2	BZWPL
BNP PARIBAS	BNPPBTF	BNPPBTAN	BNPPOAT01-02	BNPPOAT02	BNPPSTRIP01-02-03	BNPREPO
CDC IXIS CAPITAL MARKETS	CDCBILLS	CDCBTAN	CDCOAT1/2	CDCOAT3	CDCSTRIP1-2	CDCBILLS
CREDIT AGRICOLE INDOSUEZ	CAIEUCT01	CAIBTAN01	CAIOAT01/02/CAIVAR01	CAIVAR01	CAISTRIP01	CAIREPO
CREDIT LYONNAIS	CLBTTF	CLBTAN	CLOAT01-04	CLOAT03	CLSTRIP01	CLREPO
DEUTSCHE BANK FRANCE S.A.	DBBTTF	DBBTAN1	DBOAT1-2/DBILB	DBILB	0#FRSTRIP-DEBP	DBPPL
DRESDNER KLEINWORT BENSON	DRBBTF	DRBBTAN	DRBOAT1-2/DRBTEC10	DRBTEC10	DRBSTRIP1-2	DRBREP001
GOLDMAN SACHS PARIS INC. & Cie	GSPK	GSPC	GSPD-F	GSPG	GSPH-J	GSFRREPO
HSBC CCF	HSBCCCFBT	HSBCCFBTAN	HSBCCCFOAT/CCFVAR	HSBCCCFVAR	HSBCCCFTRIP	HSBCCCFREPO
J.P. MORGAN & Cie S.A.	MGPK	JPMFR01	JPMFR01-02	MGTEC	JPMSTRIPFR	MMQU
MERRILL LYNCH FINANCE S.A.	MLFRONT	MLFBTAN	MLFOAT1-2/MLFTEC	MLFOATI	MLFSTRIP	MLFRONT
MORGAN STANLEY S.A.	MSFRD	MSFRBD	MSFRB-C	MSFRC	MSFRE	MSFRR
NATEXIS BANQUES POPULAIRES	NBPGVT01	NBPGVT02	NBPGVT02-04	NBPVAR	-	NBPREPO
SALOMON BROTHERS INTERNATIONAL LTD	-	-	-	-	-	-
SOCIETE GENERALE	SGREP001	SGOAT01	SGOAT01-02	SGOATVAR01	SGSTRIP01	SGREP001
CIC	CICBTTF	CICBTAN	CICOAT1-2/CICTEC	CICOATI	CICSTRIP	CICREPO

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## ➤ Bridge pages on Agency France Trésor <

INDEX TRESOR	MENU : 20010 - 20078			
SVT	BTF	BTAN	OAT	STRIPS
BNP PARIBAS	20106/107	20106	20105	-
CDC IXIS CAPITAL MARKETS	2521	2520	-	-
CREDIT AGRICOLE INDOSUEZ	2528	2532	2533/34/35	2511
CREDIT LYONNAIS	21891	21888	21885/86/87	21913/15
DRESDNER KLEINWORT BENSON	47401	47402	47403/4	-
HSBC-CCF	20082	20081/82	20080	20086
J.P. MORGAN & Cie S.A.	-	21482	21483/5	21486
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CIC	20121	-	20124/25/26	-

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## Information on Agency France Trésor

INTERNET	<a href="http://www.aft.gouv.fr">http://www.aft.gouv.fr</a>
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REUTERS	<TRESOR>
REUTERS WEB	<a href="http://tresor.session.rservices.com">http://tresor.session.rservices.com</a>