

5 % 04-2005 OAT: 3 % 07-2009 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  
 5 % 04-2010 OAT: 3.4 % 07-2029 BTAN 4 % 01-2002 BTAN 4.5 % 07-2002 BTAN 3.5 % 07-2004 BTAN 5 % 07-2005 OAT 4 % 04-2009 BTAN 5 % 01-2006 BTAN 4.5 %  
 03 BTAN 3.5 % 07-2004 OAT 7.5 % 04-2005 BTF 3/05/2001 BTF 21/06/2001 BTF 2/08/ 2001 BTF 29/03/2001 OAT: 3 % 07-2009 OAT 5.25 % 04-2008 OAT TEC  
 009 OAT 6.5 % 04-2011 OAT 8.5 % 04-2023 OAT 5.5 % 04-2029 BTAN 4 % 01-2002 BTAN 4.5 % 07-2002 BTAN 3.5 % 07-2004 BTAN 5 % 07-2005 OAT 4 % 04-  
 TAN 5 % 01-2006 BTAN 4.5 % 07-2003 OAT 8.5 % 11-2002 OAT 7.5 % 04-2005 BTF 3/05/2001 BTF 21/06/2001 BTF 2/08/ 2001 BTF 29/03/2001 OAT: 3 %  
 09 OAT 5.25 % 04-2008 OAT TEC 10 01-2009 OAT 4 % 10-2009 OAT 5.5 % 04-2010 OAT: 3.4 % 07-2029 OAT 6.5 % 04-2011 OAT 8.5 % 04-2023 OAT 5.5 %  
 29 BTAN 4 % 01-2002 BTAN 4.5 % 07-2002 BTAN 3.5 % 07-2004 BTAN 5 % 07-2005 OAT 4 % 04-2009 BTAN 4.5 % OAT 4 % 10-2009 OAT 5.5 % 04-2010  
 4 % 07-2029 OAT 7.5 % 04-2005 OAT: 3 % 07-2009 OAT 5.25 % 04-2008 OAT TEC 10 01-2009 OAT 4 % 10-2009 OAT 5 % 10-2016 OAT 8.5 % 04-2023

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# monthly bulletin



# AGENCY FRANCE TRÉSOR

## French government debt news

Mr. Francis Mer, the minister of the Economy, Finances and Industry has decided on the indicative financing programme of the State for 2003. This programme outlines the proceedings for the financing of the State during the year 2003 according to the principles laid out in the programme for debt and cash management presented to the Parliament in the draft Finance Bill 2003.

The State's medium and long term borrowing requirements will amount to EUR108.5bn in 2003, as a result of an increase in redemptions of debt coming to maturity during the year. The programmed budget deficit shows a slight improvement, indicative of the government's determination to comply with the pledges taken within the framework of the Stability pact, while taking account of the macro-economic environment. This funding requirement is also increased by a EUR15.4bn reduction in the deposits by the Treasury correspondents (postal cheque deposits, liquid assets of the FRR pension reserve fund) on the Treasury's current account as well as by a EUR5bn reconstitution of cash reserves.

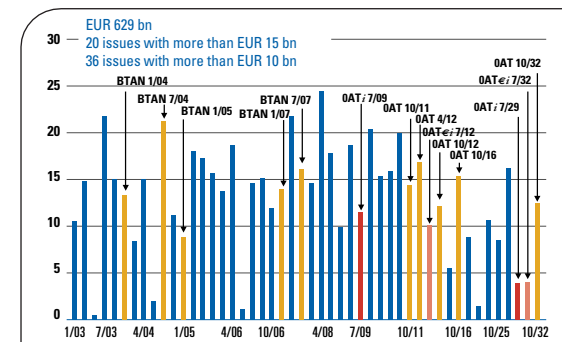
Within this framework, the total amount of medium- and long-term (OAT and BTAN) issuance for 2003 is set at EUR111.4bn, as announced in Parliament when the Finance Bill 2003 was introduced. The further EUR17.5bn funding will be covered by an increased amount of BTF outstanding, in line with what was decided in 2002, in view of developing the short-term market. Another advantage of this increase is that it will help reduce the average maturity of debt.

In order to substantiate the commitment to develop the index-linked bond segment of the market, in line with the issuance policy of 2002 and in the wake of the July 2032 OAT*€i* issuance, there will be a rise of the amounts of index-linked bond issuance, both for the French CPI- and euro zone HICP-linked bonds, so that they eventually represent at least 10% of the net issues.

Mr Mer recalls his commitment to the debt average maturity reduction policy. The swap dealing programme will be resumed as soon as market conditions make it feasible. In this respect, the aim for 2003 is to reduce the average maturity to 5.3 years.

### French government long- and medium-term negotiable debt on December 31, 2002

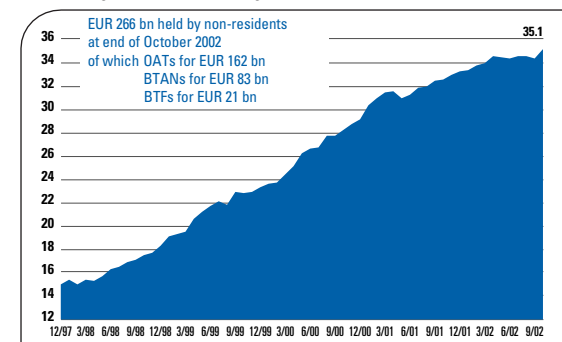
EUR billion



Source: Agence France Trésor

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

as a % of negotiable debt outstanding



Source: Balance of payments

## > Auction calendar

6/1/2003	Settlement on	9/1/2003	Settlement on	13/1/2003	Settlement on	20/1/2003	Settlement on	23/1/2003	Settlement on	27/1/2003	Settlement on
<b>BTF</b>	9/1/2003	<b>OAT</b>	14/1/2003	<b>BTF</b>	16/1/2003	<b>BTF</b>	23/1/2003	<b>BTAN</b>	28/1/2003	<b>BTF</b>	30/1/2003
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	

Source: Agency France Trésor

## > Last auctions OATs and BTANs

EUR million

	OAT	BTAN 2 years	BTAN 5 years
	October 2012	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>
<b>Settlement date</b>	<b>12/11/02</b>	<b>26/11/02</b>	<b>26/11/02</b>
<b>Volume announced</b>	from 2 300 to 2 800	from 3 500 to 4 000	
<b>Amount bid</b>	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
<b>Bid-to-cover ratio</b>	2.19	4.56	2.59
<b>Stop price</b>	100.67%	100.80%	104.15%
<b>Weighted average rate</b>	4.66%	3.10%	3.74%
<b>Previous auctions</b>	3/10/02	17/10/02	17/10/02
<b>Weighted average rate</b>	4.46%	3.49%	4.10%

Source: Agency France Trésor

## > Last auctions BTF

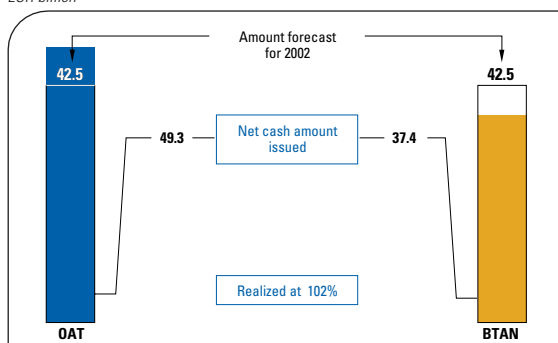
EUR million

	BTF	BTF	BTF	BTF
	1 month	3 month	6 month	1 year
<b>2/12/2002</b>				
Amount served		3 534	2 760	
Weighted average rate		2.90%	2.85%	
<b>9/12/2002</b>				
Amount served		3 007		2 725
Weighted average rate		2.80%		2.78%
<b>16/12/2002</b>				
Amount served		2 628	3 135	
Weighted average rate		2.82%	2.74%	
<b>23/12/2002</b>				
Amount served		2 500	2 002	
Weighted average rate		2.78%	2.73%	
<b>30/12/2002</b>				
Amount served		3 009	1 512	
Weighted average rate		2.76%	2.69%	

Source: Agency France Trésor

## > Long- and medium-term financing over the year on December 31, 2002

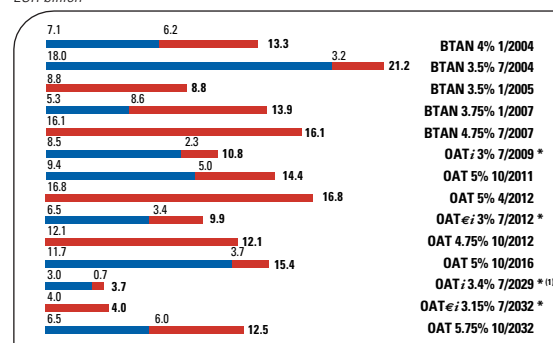
EUR billion



Source: Agency France Trésor

## > BTANs and OATs 2002 issues and cumulative total on December 31, 2002

EUR billion



■ Issued before 2002 ■ Issued in 2002

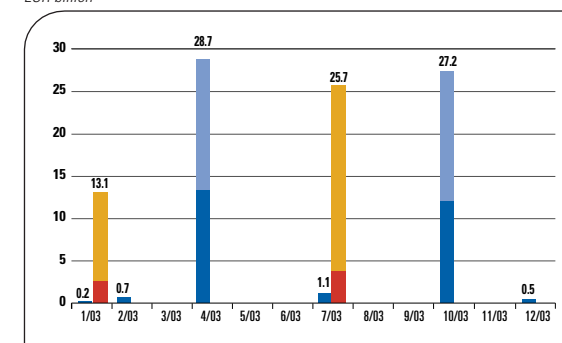
\* nominal value

(1) Not including EUR 920 mln exchanged for 3.15% OATe; July 2002 (to be taken from end 2001 amount)

Source: Agency France Trésor

## > OATs and BTANs: indicative repayment schedule on December 31, 2002

EUR billion

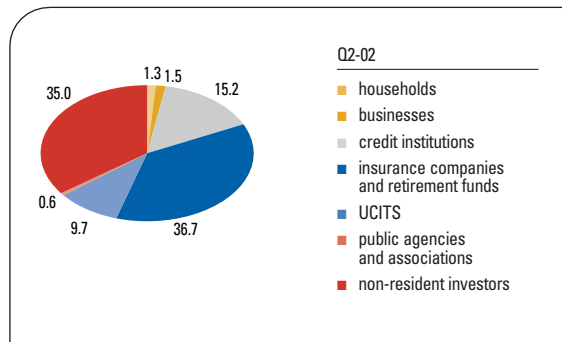


■ OATs interest ■ OATs redemption ■ BTANs interest ■ BTANs redemption

Source: Agency France Trésor

## > OAT ownership by type of holder

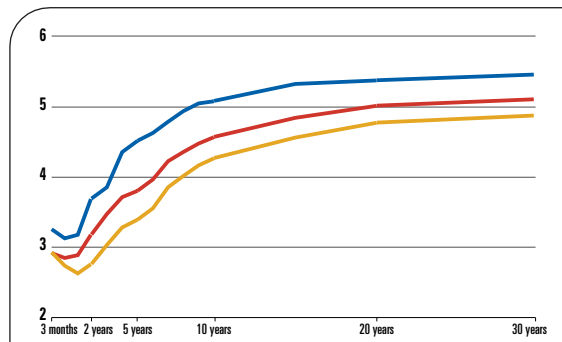
ownership structure in %



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

quote in %

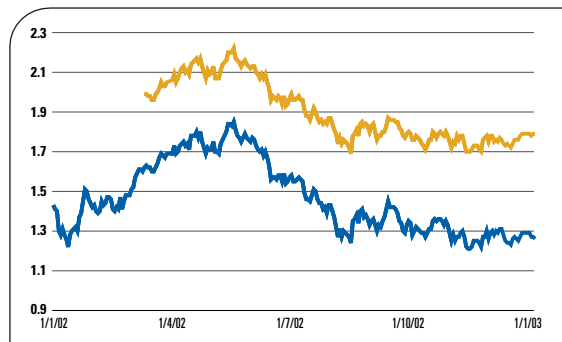


— 31 December 2001 — 30 November 2002 — 31 December 2002

Source: Bloomberg

## > Breakeven inflation in France and in euro zone

daily quotes in %



— France\* — Euro zone\*\*

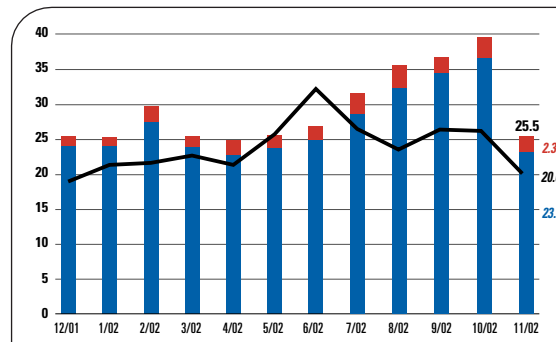
\* difference between the yield of the OAT 4% April 2009 and the yield of the OAT 3% July 2009

\*\* 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

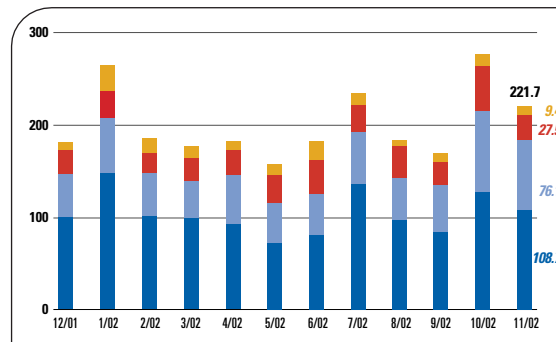
daily average (EUR billion)



■ OAT (Euroclear France) ■ OAT (Euroclear Bank) — BTAN (Euroclear France)

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

EUR billion

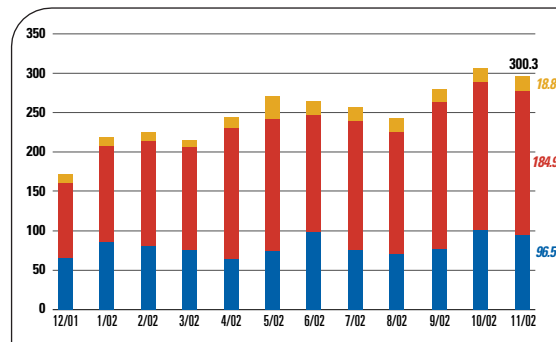


■ 1-3 days ■ 4-11 days ■ 12-35 days ■ > 35 days

Source: Primary dealers

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

EUR billion



■ Fixed-rate repos ■ Floating-rate repos ■ Other legal categories

Source: Primary dealers

## > Negotiable government debt and swaps

EUR billion

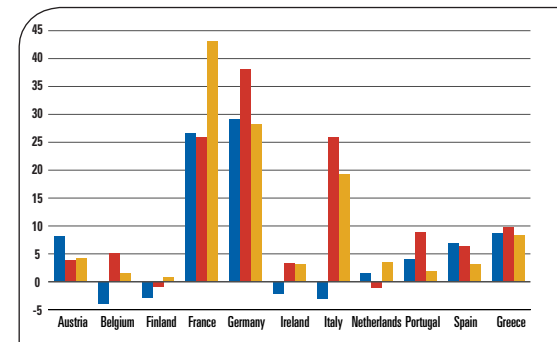
	end 1999	end 2000	end 2001	November 2002	December 2002
<b>Negotiable Government debt outstanding</b>	<b>583</b>	<b>616</b>	<b>653</b>	<b>709</b>	<b>717</b>
OAT	395	419	443	478	478
BTAN	154	154	158	153	151
BTF	34	43	52	79	88
<b>Swaps outstanding</b>	<b>///</b>	<b>///</b>	<b>37</b>	<b>61</b>	<b>61</b>
Average maturity of the negotiable debt					
before swaps	6 years	6 years	6 years	6 years	5 years
	99 days	64 days	47 days	28 days	343 days
after swaps	///	///	5 years	5 years	5 years
			358 days	313 days	266 days

Source: Agency France Trésor

## focus

### Net sovereign issuance of bonds and notes

EUR billion, estimated buy-backs included



■ 2001 ■ 2002 ■ 2003

Source: BNP Paribas

### Increasingly well managed issuance policies

Europe and the United States posted weaker-than-expected growth in 2002, and this played a major role in budgetary overruns. Consequently, borrowing requirements have been revised upwards. The euro zone's gross medium- and long-term issuance grew 14% to EUR573bn and the increase was more pronounced with respect to net issuance of Treasury Bills, up to nearly EUR55bn versus less than EUR10bn in 2001. In the United States, their growth was even more impressive with a 60% rise in long-term issuance (USD482bn) while net T-Bill issuance came in at USD40bn.

This trend will persist in 2003. Firstly, the two zones will face an increase in redemptions, up 22% in Europe and 30% in the United States. In the United States, the stimulus policy will lead to a widening in the budget deficit, which should climb to USD270bn versus USD160bn in 2002, while European budgetary situations remain shaky, with major national divergences. The room for manoeuvre is smaller because of the Stability Pact's constraints, but also because initial fiscal situations are less favourable.

Official forecasts of 2003 budget deficits are more realistic, in our opinion, in France, Spain, the Netherlands and Belgium than Germany and Portugal, where the risk of an upward revision of issuance programmes is therefore greater. All in all, medium- and long-term issuance in 2003 could come in at USD600bn in the United States, up 25%, and EUR635bn in Europe, up 11%. France is one of the European countries where the increase is stronger, i.e. up 28% from 2002, comparable to that expected in the United States. However, taking into account Treasury Bills puts this growth in perspective.

In 2002, the goal of reducing the average maturity led, *inter alia*, to an increase in the weight of Treasury Bill and short-dated issuance in France, Germany and Spain. The increase in net Treasury Bill issuance also financed major fiscal overruns, notably in France and the Netherlands – something that will not be repeated in 2003. In fact, net Treasury Bill issuance should decline this year in France and the United States – but this will not be the case in all other countries. Germany will press ahead with a conventional issuance policy while increasing the weight of short-dated issuance, Italy and Spain are also going to increase the weight of Treasury Bill issuance as well as issues denominated in foreign currencies while Portugal is going to create a Treasury Bill segment.

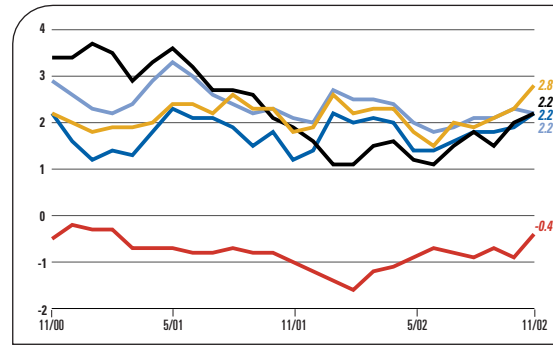
Such changes not only meet the need for a sustained increase in the efficiency of debt policies but also reflect the determination to curb the rise in borrowing requirements in the long-term segment. Thus, while the last two years were characterised by the will to reduce the average maturity of debt, 2003 might be characterised by a widening of the range of financing instruments. France so far finances most of its requirements on the euro medium- and long-term segment. During the last few years, supply has been diversified via inflation-indexed bonds that now account for 10% of issuance. The authorisation to issue in foreign currencies included in the 2003 budget comes as a complement to the French treasury financing strategy, although it is still too early to comment on how and when it can practically be implemented.

Dominique BARBET, Nathalie FILLET  
BNP Paribas

*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

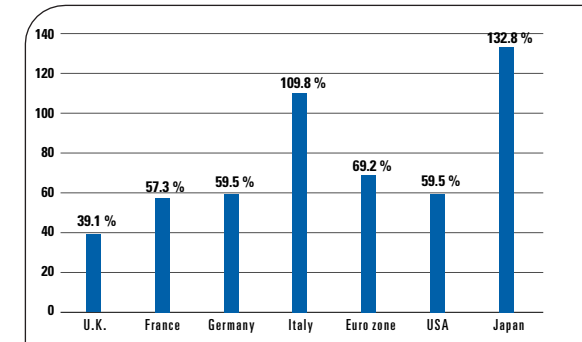
year on year % change



— Euro zone — France — USA — Japan — U.K.\*  
 Source: Agency France Trésor \* Excluding mortgage lending

## General government debt in 2001

as a % of GDP



Source: INSEE, Eurostat, OECD

## Timetable for the release of French economic indicators

### 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

### February 2003

- 4 Household confidence survey: January survey
- 5 Industrial trends: quarterly survey for January
- 7 Gross foreign exchange reserves in January
- 12 Industrial output in December
- 13 Industrial investments: January survey
- 14 Foreign trade in December
- 14 Payroll employment: provisional results Q4-2002
- 14 Wages: provisional statistics Q4-2002
- 19 Balance of payments in December
- 21 Household consumption of manufactured goods in January
- 21 Quarterly national accounts: first results Q4-2002
- 25 Consumer prices: final index for January
- 25 New building starts in January
- 25 Sales of new dwelling units: Q4-2002
- 27 Industrial trends: monthly survey for February
- 27 Industrial producer prices: January index
- 28 Job seekers in January
- 28 Net foreign exchange reserves in January

### Harmonized index of consumer prices (Eurostat) :

Index for December: January, 22

Index for January: February, 28

## ➤ 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

## ➤ Recent economic indicators

Industrial output*, year-on-year	-1.4%	10/2002
Household consumption*, year-on-year	0.8%	11/2002
Unemployment rate (ILO), in %	9.0%	11/2002
Inflation, year-on-year	2.2%	11/2002
Inflation, excl. tobacco, year-on-year	2.1%	11/2002

Seasonally-adj. FOB/FOB data (EUR bn)

Trade balance	1.3	10/2002
"	0.8	9/2002
Current account balance	0.2	10/2002
"	1.5	9/2002

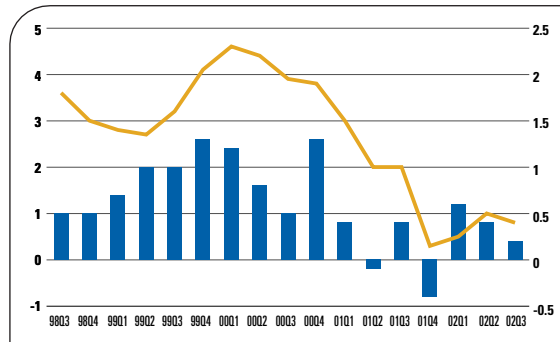
10-year interest rate (TEC10)	4.29%	at 31/12/2002
3-month interest rate (Euribor)	2.865%	at 31/12/2002
EUR/\$	1.0487	at 31/12/2002
EUR/Yen	124.39	at 31/12/2002

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

\* manufactured goods

## ➤ Gross Domestic Product

in %

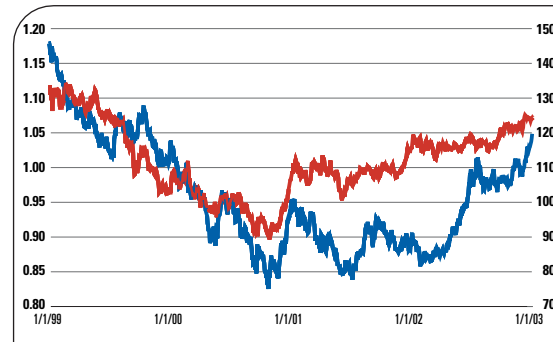


— Year-on-year basis (left-hand scale)  
■ Quarterly growth rate (right-hand scale)

Source: INSEE, Quarterly National Accounts (95 prices)

## ➤ Euro exchange rate

daily quotes



— Euro/dollar (left-hand scale)  
— Euro/yen (right-hand scale)

Source: European Central Bank

## ➤ Government budget monthly position

EUR billion

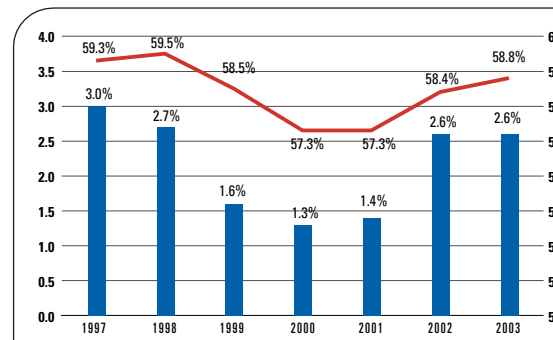
	end-of-November level				
	2000	2001	2000	2001	2002
<b>General budget</b>					
balance	-29.34	-31.63	-28.06	-33.33	-53.21
- expenditure	259.31	266.03	233.47	242.39	251.96
- revenue	229.97	234.41	205.41	209.06	198.75
<b>Balance of special</b>					
Treasury accounts	0.19	-0.42	-7.39	-3.86	-5.36
<b>General budget</b>					
Outturn	-29.15	-32.05	-35.45	-37.19	-58.57

Source: Ministry of the Economy, Finance and Industry, Budget Directorate

For more information: [http://www.minefi.gouv.fr/minefi/chiffres/budget\\_eta/](http://www.minefi.gouv.fr/minefi/chiffres/budget_eta/)

## ➤ Public finance

as a % of GDP



■ General government deficit (left-hand scale)  
— General government debt (right-hand scale)

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

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## dette négociable de l'État

French government negotiable debt outstanding

### OAT au 31 décembre 2002 / OAT at December 31, 2002

en euros

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>Échéance / Maturity 2009</b>				<b>Échéance / Maturity 2016</b>			
FR000057027 7	OAT 8,50% 25 avril 2003	14 814 026 287	2 373 020 000	FR000057067 3 V	OAT TEC10 25 janvier 2009	9 853 044 498		FR000018736 1	OAT 5% 25 octobre 2016	15 372 000 000	675 980 000
FR000057028 5	OAT 8% 25 avril 2003	498 616 500	204 630 000	FR000057143 2	OAT 4% 25 avril 2009	18 640 258 371	47 380 000				
FR000057030 1	OAT 6,75% 25 octobre 2003	14 988 154 865	1 115 200 000	FR000057142 4 I	OAT 3% 25 juillet 2009 (valeur nominale/face value)	11 496 728 731 (10 845 049 695)	(1)				
<b>Échéance / Maturity 2004</b>				<b>Échéance / Maturity 2010</b>				<b>Échéance / Maturity 2019</b>			
FR000057032 7	OAT 8,25% 27 février 2004	8 380 671 358		FR000018868 2 I	OAT 3% 25 juillet 2009 août 2002 (valeur nominale/face value)	33 461 (31 564)	(1)	FR000057092 1	OAT 8,50% 25 octobre 2019	8 844 392 893	4 069 180 000
FR000057036 8	OAT 5,50% 25 avril 2004	15 005 796 930	1 011 060 000	FR000018874 0 I	OAT 3% 25 juillet 2009 septembre 2002 (valeur nominale/face value)	300 589 (283 550)	(1)	FR000057095 4 C	ÉTAT 9,82% 31 décembre 2019 (valeur nominale/face value)	9 734 008 (3)	(6 692 154)
FR000057034 3	OAT 6% 25 avril 2004	1 953 142 500	418 300 000	FR000018877 3 I	OAT 3% 25 juillet 2009 octobre 2002 (valeur nominale/face value)	72 131 (68 042)	(1)				
FR000057040 0	OAT 6,75% 25 octobre 2004	11 188 995 553	1 600 270 000	FR000018881 5 I	OAT 3% 25 juillet 2009 novembre 2002 (valeur nominale/face value)	221 259 (208 717)	(1)	FR000057104 4	OAT 8,25% 25 avril 2022	1 408 939 990	1 038 300 000
<b>Échéance / Maturity 2005</b>				<b>Échéance / Maturity 2011</b>				<b>Échéance / Maturity 2022</b>			
FR000057043 4	OAT 7,50% 25 avril 2005	18 072 406 069	2 734 960 000	FR000018888 0 I	OAT 3% 25 juillet 2009 décembre 2002 (valeur nominale/face value)	290 995 (274 500)	(1)	FR000057108 5	OAT 8,50% 25 avril 2023	10 606 195 903	8 012 030 000
FR000057046 7	OAT 7,75% 25 octobre 2005	15 701 839 761	2 652 520 000	FR000018619 9	OAT 4% 25 octobre 2009	20 414 137 038	126 500 000				
<b>Échéance / Maturity 2006</b>				<b>Échéance / Maturity 2012</b>				<b>Échéance / Maturity 2023</b>			
FR000057049 1	OAT 7,25% 25 avril 2006	18 672 039 415	951 110 000	FR000018660 3	OAT 5,50% 25 avril 2010	13 162 742 970	234 600 000	FR000057115 0	OAT 6% 25 octobre 2025	8 511 928 118	2 640 580 000
FR000057050 9	OAT 7% 25 avril 2006	1 091 244 000	420 650 000	FR000018702 3	OAT 5,50% 25 octobre 2010	15 851 023 618	513 330 000				
FR000057053 3	OAT 6,50% 25 octobre 2006	15 102 140 991	544 110 000					FR000057122 6 C	OAT zéro coupon 28 mars 2028 (valeur nominale/face value)	11 456 278 (4)	(46 232 603)
FR000057054 1 V	OAT TEC10 25 octobre 2006	11 887 669 410		FR000057073 1	OAT 6,50% 25 avril 2011	19 972 445 710	292 900 000				
<b>Échéance / Maturity 2007</b>				<b>Échéance / Maturity 2013</b>				<b>Échéance / Maturity 2028</b>			
FR000057057 4	OAT 5,50% 25 avril 2007	21 771 775 424	312 550 000	FR000018832 8	OAT 5% 25 avril 2012	16 663 992 175	66 500 000	FR000057126 8	OAT 5,50% 25 avril 2028	16 233 880 458	2 025 140 000
FR000057059 0	OAT 5,50% 25 octobre 2007	14 637 051 180	286 930 000	FR000018842 7	OAT 5% 25 avril 2012 mai 2002	37 709 942		FR000018641 3 I	OAT 3,40% 25 juillet 2029 (valeur nominale/face value)	3 857 314 406 (5)	(3 654 144 000)
<b>Échéance / Maturity 2008</b>				<b>Échéance / Maturity 2014</b>				<b>Échéance / Maturity 2029</b>			
FR000057063 2	OAT 5,25% 25 avril 2008	24 403 932 367	203 450 000	FR000018850 0	OAT 5% 25 avril 2012 juin 2002	46 540 913		FR000057121 8	OAT 5,50% 25 avril 2029	16 233 880 458	2 025 140 000
FR000057066 5	OAT 8,50% 25 octobre 2008	17 784 161 127	3 235 580 000	FR000018865 8	OAT 5% 25 avril 2012 juillet 2002	37 530 068					
				FR000018867 4	OAT 5% 25 avril 2012 août 2002	23 337 482		FR000018641 3 I	OAT 3,40% 25 juillet 2029 (valeur nominale/face value)	3 857 314 406 (5)	(3 654 144 000)
				FR000018801 3 I	OAT 3% 25 juillet 2012 (valeur nominale/face value)	10 131 688 400 (2) (9 895 000 000)					
				FR000018869 0	OAT 4,75% 25 octobre 2012	12 045 229 173	170 000 000				
				FR000018880 7	OAT 4,75% 25 octobre 2012 nov. 2002	39 161 371		FR000018879 9 I	OAT 3,15% 25 juillet 2032 (valeur nominale/face value)	4 015 800 000 (6)	(4 000 000 000)
				FR000018887 2	OAT 4,75% 25 octobre 2012 déc. 2002	33 037 552		FR000018763 5	OAT 5,75% 25 octobre 2032	12 470 000 000	982 400 000
				FR000057078 0	OAT 8,50% 26 décembre 2012	5 485 697 339					

(1) valeur nominale x coefficient d'indexation au 31/12/2002 (1,06009) / face value x indexation coefficient at 31/12/2002 (1,06009)

(2) valeur nominale x coefficient d'indexation au 31/12/2002 (1,02392) / face value x indexation coefficient at 31/12/2002 (1,02392)

(3) y compris intérêts capitalisés au 31/12/2002 / including coupons capitalized at 31/12/2002 ; non offerte à la souscription / not open to the subscription

(4) valeur actualisée au 31/12/2002 / actualized value at 31/12/2002 ; non offerte à la souscription / not open to the subscription

(5) valeur nominale x coefficient d'indexation au 31/12/2002 (1,05560) / face value x indexation coefficient at 31/12/2002 (1,05560)

(6) valeur nominale x coefficient d'indexation au 31/12/2002 (1,00395) / face value x indexation coefficient at 31/12/2002 (1,00395)

1 euro = 6,55957 FRF

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

OAT $\epsilon$  : 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

477 787 392 291 EUR

encours démembrés / stripped bonds

38 977 910 000 EUR

en % des lignes démembrables

9,45 %

as a % of strippable bonds

**Durée de vie moyenne des obligations :  
8 ans et 53 jours**

Average maturity of OATs: 8 years and 53 days

## BTAN au 31 décembre 2002 / Treasury notes at December 31, 2002

CODE ISIN	Libellé de l'emprunt / Bond	Euros
	<b>Échéance / Maturity 2003</b>	<b>32 229 156 256</b>
FR0102325695	BTAN 5% 12 janvier 2003	10 487 000 000
FR0100059601	BTAN 4,50% 12 juillet 2003	21 742 156 256
	<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 151 227 156 256 EUR**

### Durée de vie moyenne des BTAN : 2 ans et 96 jours

Average maturity of BTANs: 2 years and 96 days

## BTF au 31 décembre 2002 / Treasury bills at December 31, 2002

	Échéance / Maturity	Euros
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	6 571 000 000
BTF	6/3/2003	3 744 000 000
BTF	13/3/2003	5 635 000 000
BTF	20/3/2003	3 873 000 000
BTF	27/3/2003	2 500 000 000
BTF	3/4/2003	4 549 000 000
BTF	30/4/2003	4 221 000 000
BTF	15/5/2003	5 964 000 000
BTF	12/6/2003	3 342 000 000
BTF	26/6/2003	5 137 000 000
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	4 969 000 000

**Total général 88 177 000 000 EUR**

### Durée de vie moyenne des BTF : 105 jours

Average maturity of BTFs: 105 days

**Durée de vie moyenne totale de la dette  
au 31/12/2002 : 5 ans et 343 jours**  
Average maturity of debt at 31/12/2002:  
5 years and 343 days

**Total général 717 191 548 547 EUR**

1 euro = 6,55957 FRF

Source : Agence France Trésor



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RÉPUBLIQUE FRANÇAISE



OAT 7.5 % 04-2005 OAT 3 % 07-2009 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 % 07-2029 BTAN 4 % 01-2002 BTAN 4.5 % 07-2002 BTAN 3.5 % 07-2004 BTAN 5 % 07-2005 OAT 4 % 04-2009 BTAN 5 % 01-2006 BTAN 4.5 % 07-2003 BTAN 3.5 % 07-2004 OAT 7.5 % 04-2005 BTF 3/05/2001 BTF 21/06/2001 BTF 2/08/ 2001 BTF 29/03/2001 OAT 3 % 07-2009 OAT 5.25 % 04-2008 OAT TEC 10 01-2009 OAT 6.5 % 04-2011 OAT 8.5 % 04-2023 OAT 5.5 % 04-2029 BTAN 4 % 01-2002 BTAN 4.5 % 07-2002 BTAN 3.5 % 07-2004 BTAN 5 % 07-2005 OAT 4 % 04-2009 BTAN 5 % 01-2006 BTAN 4.5 % 07-2003 OAT 8.5 % 11-2002 OAT 7.5 % 04-2005 BTF 3/05/2001 BTF 21/06/2001 BTF 2/08/ 2001 BTF 29/03/2001 OAT 3 % 07-2009 OAT 5.25 % 04-2008 OAT TEC 10 01-2009 OAT 4 % 10-2009 OAT 5.5 % 04-2010 OAT 3.4 % 07-2029 OAT 6.5 % 04-2011 OAT 8.5 % 04-2023 OAT 5.5 % 04-2029 BTAN 4 % 01-2002 BTAN 4.5 % 07-2002 BTAN 3.5 % 07-2004 BTAN 5 % 07-2005 OAT 4 % 04-2009 BTAN 4.5 % OAT 4 % 10-2009 OAT 5.5 % 04-2010 OAT 3.4 % 07-2029 OAT 7.5 %

# 2003 indicative calendar



## AGENCY FRANCE TRÉSOR

### Auction dates (A) and settlement dates (S)

	BTF										BTAN		OAT					
	A	S	A	S	A	S	A	S	A	S	A	S	A	S				
<b>January</b>	6	>	9	13	>	16	20	>	23	27	>	30	23	>	28	9	>	14
<b>February</b>	3	>	6	10	>	13	17	>	20	24	>	27	20	>	25	6	>	11
<b>March</b>	3	>	6	10	>	13	17	>	20	24	>	27	20	>	25	6	>	11
<b>April</b>	7	>	10	14	>	17	22	>	24	28	>	30	17	>	23	3	>	8
<b>May</b>	5	>	7	12	>	15	19	>	22	26	>	28	15	>	20	30/4	>	6
<b>June</b>	2	>	5	10	>	12	16	>	19	23	>	26	19	>	24	5	>	10
<b>July</b>	7	>	10	15	>	17	21	>	24	28	>	31	17	>	22	3	>	8
<b>August</b>	4	>	7	11	>	14	18	>	21	25	>	28	no auction	no auction	no auction	no auction		
<b>September</b>	1	>	4	8	>	11	15	>	18	22	>	25	18	>	23	4	>	9
<b>October</b>	6	>	9	13	>	16	20	>	23	27	>	30	16	>	21	2	>	7
<b>November</b>	3	>	6	10	>	13	17	>	20	24	>	27	20	>	25	6	>	10
<b>December</b>	1	>	4	8	>	11	15	>	18	22	>	24	no auction	no auction	29	>	31	

■ anticipated or delayed auctions (bank holidays etc.)

Auction	Settlement
<p><b>BTF</b></p> <p>□ &gt; ■</p> <p>Each Monday <sup>(1)</sup></p>	<p>■</p> <p>Following Thursday <sup>(1)</sup></p>
<p><b>BTAN</b></p> <p>○ &gt; ●</p> <p>3<sup>rd</sup> Thursday of the month <sup>(1)</sup></p>	<p>●</p> <p>Following Tuesday <sup>(1)</sup></p>
<p><b>OAT</b></p> <p>◇ &gt; ◆</p> <p>1<sup>st</sup> Thursday of the month <sup>(1)(2)</sup></p>	<p>◆</p> <p>Following Tuesday <sup>(1)</sup></p>

(1) or the previous or following working day  
(2) or the 3<sup>rd</sup> Thursday for linkers (OAT€i and OATj)

## 2003 indicative auction calendar

**BTF**  
each Monday

- BTF 13 or 12 weeks (one week out of two)
- BTF half yearly or yearly (one week out of two)

**BTAN**  
3<sup>rd</sup> Thursday of the month \*

- One 2-year and/or one 5-year line
- opening of two new 5-year lines

**OAT**  
1<sup>st</sup> Thursday of the month \*

- One or more fixed-rate (10-, 15- or 30-year) line plus possibly one variable rate line
- opening of two new 10-year lines

**OAT linkers**  
1<sup>st</sup> or 3<sup>rd</sup> Thursday of the month \*

- tapping of existing lines (OAT<sub>i</sub> or OAT€<sub>i</sub>)
- possible opening of new lines

\* except in 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 <sub>i</sub>	STRIPS	PENSIONS
ABN-AMRO FIXED INCOME FRANCE	AAFIBTF	AABOAT	AABOAT/01/02	AABILB	AAFISTRIP	AAFIREPO
BANQUE LEHMAN BROTHERS S.A.	LBBTF1	LBBTAN2	LBOAT1	LBOAT2	-	LBWE
BARCLAYS CAPITAL FRANCE S.A.	BARCAPPL	BARCAPPL	BARCAPOAT1/2	BARCAPIND	BARCAPSTRIPS1-2	BZWPL
BNP PARIBAS	BNPPBTF	BNPPBTAN	BNPPOAT01-02	BNPPOAT02	BNPPSTRIP01-02-03	BNPPREPO
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	CLBTF	CLBTAN	CLOAT01-04	CLOAT03	CLSTRIP01	CLREPO
DEUTSCHE BANK FRANCE S.A.	DBBTF	DBBTAN1	DBOAT1-2/DBILB	DBILB	0#FRSTRIP-DEBP	DBPPL
DRESDNER KLEINWORT BENSON	DRBBTF	DRBBTAN	DRBOAT1-2/DRBTEC10	DRBTEC10	DRBSTRIP1-2	DRBREPO01
GOLDMAN SACHS PARIS INC. & Cie	GSPK	GSPC	GSPD-F	GSPG	GSPH-J	GSFRREPO
HSBC CCF	HSBCCCFTBF	HSBCCCFTAN	HSBCCCFOAT/CCFVAR	HSBCCCFCVAR	HSBCCCFCSTRIP	HSBCCCFCREPO
J.P. MORGAN & Cie S.A.	MGPK	JPMFR01	JPMFR01-02	MGTEC	JPMSTRIPFR	MMQU
MERRILL LYNCH FINANCE S.A.	MLFRONT	MLFBTAN	MLFOAT1-2/MLFTEC	MLFOAT1	MLFSTRIP	MLFRONT
MORGAN STANLEY S.A.	MSFRD	MSFRB/D	MSFRB-C	MSFRC	MSFRE	MSFRR
NATEXIS BANQUES POPULAIRES	NBPGVT01	NBPGVT02	NBPGVT02-04	NBPVAR	-	NBPREPO
SALOMON BROTHERS INTERNATIONAL LTD	-	-	-	-	-	-
SOCIETE GENERALE	SGREPO01	SGOAT01	SGOAT01-02	SGOATVAR01	SGSTRIP01	SGREPO01
CIC	CICBTF	CICBTAN	CICOAT1-2/CICTEC	CICOAT1	CICSTRIP	CICREPO
COMMERZBANK	-	CBGOVFR-COBA	CBGOVFR-COBA	-	-	-
UNICREDIT BANCA MOBILIARE	CRIT111-120	CRIT111-120	CRIT111-120	CRIT111-120	-	CRIT111-120
UBS FRANCE SA	WDREURO50-54	WDREURO1-15	WDREURO1-15	WDREURO1-15	WDREUROSTRIP1	-

DAILY BENCHMARKS ON TREASURY BILLS published by Banque de France SVTF-G-H

## ➤ Bridge pages on Agency France Trésor <

INDEX TRESOR	MENU : 20010 - 20078			
SVT	BTF	BTAN	OAT	STRIPS
BNP PARIBAS	20 106/107	20 106	20 105	-
CDC IXIS CAPITAL MARKETS	2 521	2 520	-	-
CREDIT AGRICOLE INDOSUEZ	2 528	2 532	2533/04/35	2 511
CREDIT LYONNAIS	21 891	21 888	21 885/86/87	21913/15
DRESDNER KLEINWORT BENSON	47 401	47 402	47 403/4	-
HSBC-CCF	20 082	20 081/82	20 080	20 086
J.P. MORGAN & Cie S.A.	-	21 482	21483/5	21 486
SOCIETE GENERALE	42 161	42 162	42163/4	-
CIC	20 121	-	20 124/25/26	-

DAILY BENCHMARKS ON TREASURY BILLS  
published by Banque de France 20018-19

## Information on Agency France Trésor

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



## Indicative state financing programme for 2003

Mr. Francis Mer, the minister of the Economy, Finances and Industry has decided on the indicative financing programme of the State for 2003

### The major elements of the 2003 State financing programme

For 2003, the financing needs of the State will represent EUR108.5bn, owing to a increase in redemptions as well as the decrease of funds deposited on the Treasury's account by correspondents (postal cheque deposits, liquid assets of the FRR pension reserve fund).

The financing resources are distributed between the net medium and long term issues, representing EUR111.4bn, an increase of the outstanding BTF (short term) issues of about EUR17.5bn (a result mainly of lower deposits by various correspondents in the State's account) and a replenishment of cash reserves, representing about EUR5bn.

### Long and medium-term financing in 2003

#### Amounts to be issued

The net issuance of medium and long term securities are brought to EUR111.4bn. In 2003 as well as in 2001 and 2002, the AFT will operate buybacks and/or switches of debt, if market conditions and financing needs warrant it.

The gross issuance will be distributed as follows: about 10% for inflation-linked bonds (i.e. EUR11bn or more in particular if buybacks or switches occur), 45% for BTANs (i.e. EUR50bn) and 45% for fixed-rate OATs or floating rate OATs (i.e. EUR50bn).

The noticeable increase of inflation-linked bond issuance substantiates the commitment to develop this segment of the market and its liquidity.

This programme does not account for possible levies in foreign currencies, if authorised by the Parliament.

#### Benchmark lines policy

In 2003 as in 2000, 2001 and 2002, the AFT plans to issue two new benchmarks for 5-year bonds and two new benchmarks for 10-year bonds. These lines will be tapped in order that their liquidity should be supported by a sufficient outstanding principal. Existing bonds or BTAN lines will be tapped anew in view of warranting sufficient 2-year issuance.

As regards inflation-linked bonds, the AFT will regularly tap the 2032 OAT€i in order to strengthen the European benchmark status of the line. The AFT, in narrow co-operation with its primary dealers, will study whether to issue new bonds on this segment of the market; it will also consider tapping again the existing OATs and OAT€s.

The AFT could also resume tapping floating rate OATs. It will discuss, in liaison with the SVTs, how its policy on this market should evolve.

In billion euros	2002 (forecast)	2003 (December 2002 financing programme)
<b>Borrowing requirements</b>	<b>112.3</b>	<b>108.5</b>
Long-term debt redemption	14.6	30.3
Medium-term debt redemption	44.7	32.6
Other government commitments	4.0	1.0
Budget deficit (2002 autumn Suppl. Budget - budget Initial 2003 Budget Bill)	46.8	44.6
Difference between budgetary basis and cash basis*	2.2	-
<b>Funding sources</b>	<b>112.3</b>	<b>108.5</b>
Medium- and long-term financing, comprising	87.0	111.4
• OAT	43.5	50.2
• OAT (linkers)	10.5	11.0
• BTAN	43.0	50.2
• Debt buybacks (1)	10.0	-
Net BTF increase	36.2	17.5
Change in Treasury correspondents' deposits	-13.9	-15.4
Change in the current account at Banque de France (2)	+3.0	-5.0

Numbers in italics are provisional because they are dependent on operations to be conducted till the end of the year.  
 \* The average difference between budgetary and cash basis is null, which explains why no forecast is made for 2003.  
 In 2002, the difference is for the larger part due to some 2001 spending cashed out in January 2002:  
 - A €1.2bn settlement representing the cost, in 2002, of employment benefits incurred in 2001;  
 - Large subscriptions to capital increases by state-owned companies in January 2002.  
 (1) Buybacks made by AFT in 2002, including the OAT/OAT€i switch - Amount for 2003 unknown.  
 (2) A plus sign indicates a reduction in the sums left on the Treasury's current account at Banque de France.

### Auctioning schedule and methods

In order to adapt the auctions to the large increase in secondary volumes and to take account of the market seasonal variations, the reduction of the number (20) of OAT and BTAN will be maintained in 2003. As a result, the average amount allotted at each auction will reach EUR5.5bn (notwithstanding the possible effects of buybacks). After consulting the SVTs, and considering a satisfactory liquidity of the market, auctions will take place in April. Practically, the AFT will auction no OATs nor BTANs in August and December. OATs will be auctioned every first Thursday of every remaining month, and BTANs every third Thursday. Exceptionally however, the OAT auction normally to take place on Thursday, January 2 will be postponed to January 9, while the following BTAN auction will be delayed until Thursday, January 23.

As regards the lines to be auctioned, the AFT retains capacity to adjust the lines issued to the final demand as forwarded by SVTs by tapping non-benchmark lines or by auctioning one single line at any given OAT or BTAN auction.

As in 2001 and 2002, OAT*i* and OAT€*i* auctions can take place together with any auction of OATs or BTANs. The four existing lines may be tapped.

### Short-term financing in 2003

In order to further develop the BTF (short term) market, as initiated in 2002, the amount of BTF outstanding will grow to EUR17.5bn. This increase will also help make up for the reduction of deposits by Treasury's correspondents (postal cheque deposits, liquid assets of the FRR pension reserve fund) that can be anticipated.

Auctions will take place every Monday and will include the issuance of 3-month BTFs, along with either 6-month or 12-month BTFs, as well as a possible complementary line according to demand and to the forecast for short term cash reserve management.

Every 3-month BTF will be tapped twice to reach an outstanding amount of EUR4bn. Every 6-month or 12-month BTF line will be tapped three to five times, also to reach an outstanding amount of about EUR4bn. The 3-month, 6-month and 12-month issues will be distributed in order to give investors the largest choice in less than 3-month maturing paper.

### Managing the average maturity of debt

The minister has confirmed the policy of reducing the average maturity of the debt. The swap dealing programme will therefore be resumed as soon as market conditions enable it. In this respect, the objective for average maturity by year end 2003 is 5.3 years, representing a reduction of about 6 months from year end 2002. The AFT confirms that it will inform markets ahead of the resumption of swap operations.

AFT may also pursue the programmed average maturity reduction through buy back and/or switch operations.

### 2002 Summary

The gross medium and long-term borrowings for 2002 amounted to EUR97bn, including EUR43.5bn of fixed-rate OATs, EUR10.5bn of linkers (OAT*is* and OAT€*is*) and EUR43bn of BTANs. Moreover, some EUR10bn of various securities will have been bought back through two reverse auctions, numerous over-the-counter operations on securities maturing in 2003, and the handing in of OAT*i* for the newly-issued OAT€*i*.

For the record, the global reduction of interest rates in 2002 respective to 2001 and the substitution of newer lines resulted in a reduction in the average rate. The average rate paid on BTANs fell to an 4.15% at the end of 2002 (from 4.46% at the end of 2001), and on 10-year OATs to 4.95% from 6.17%.

The internationalisation of French debt holders also continued to grow: the proportion of non-resident holders was 33.5% at the end of December, 2001 and reached 34.3% at the end of September, 2002.