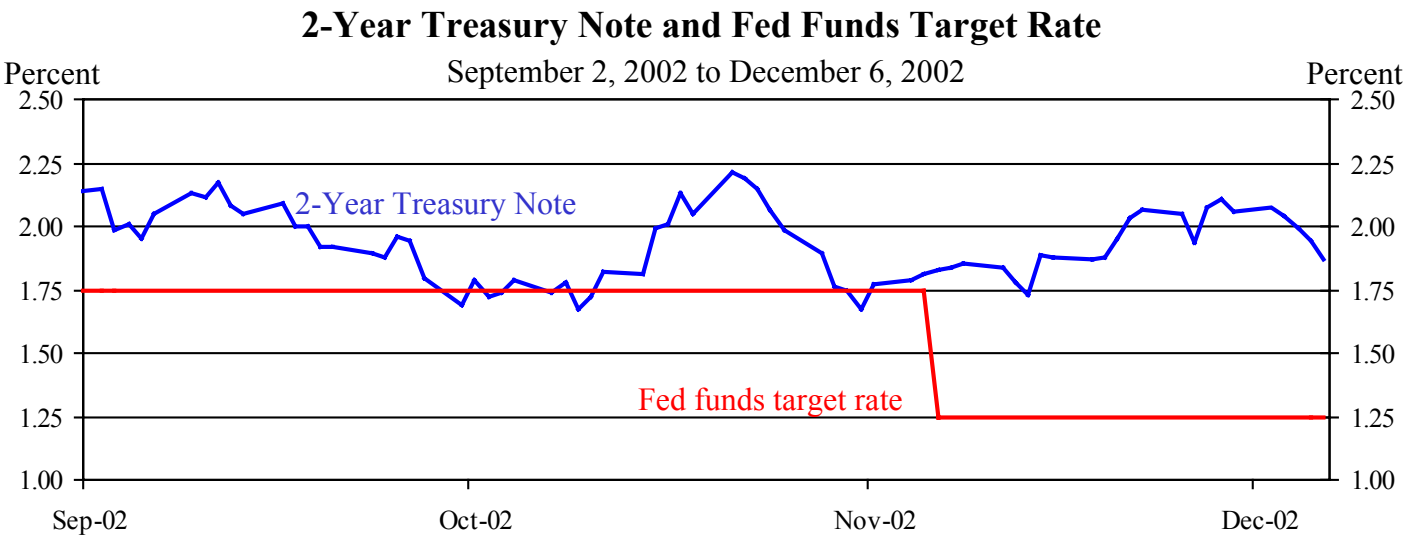
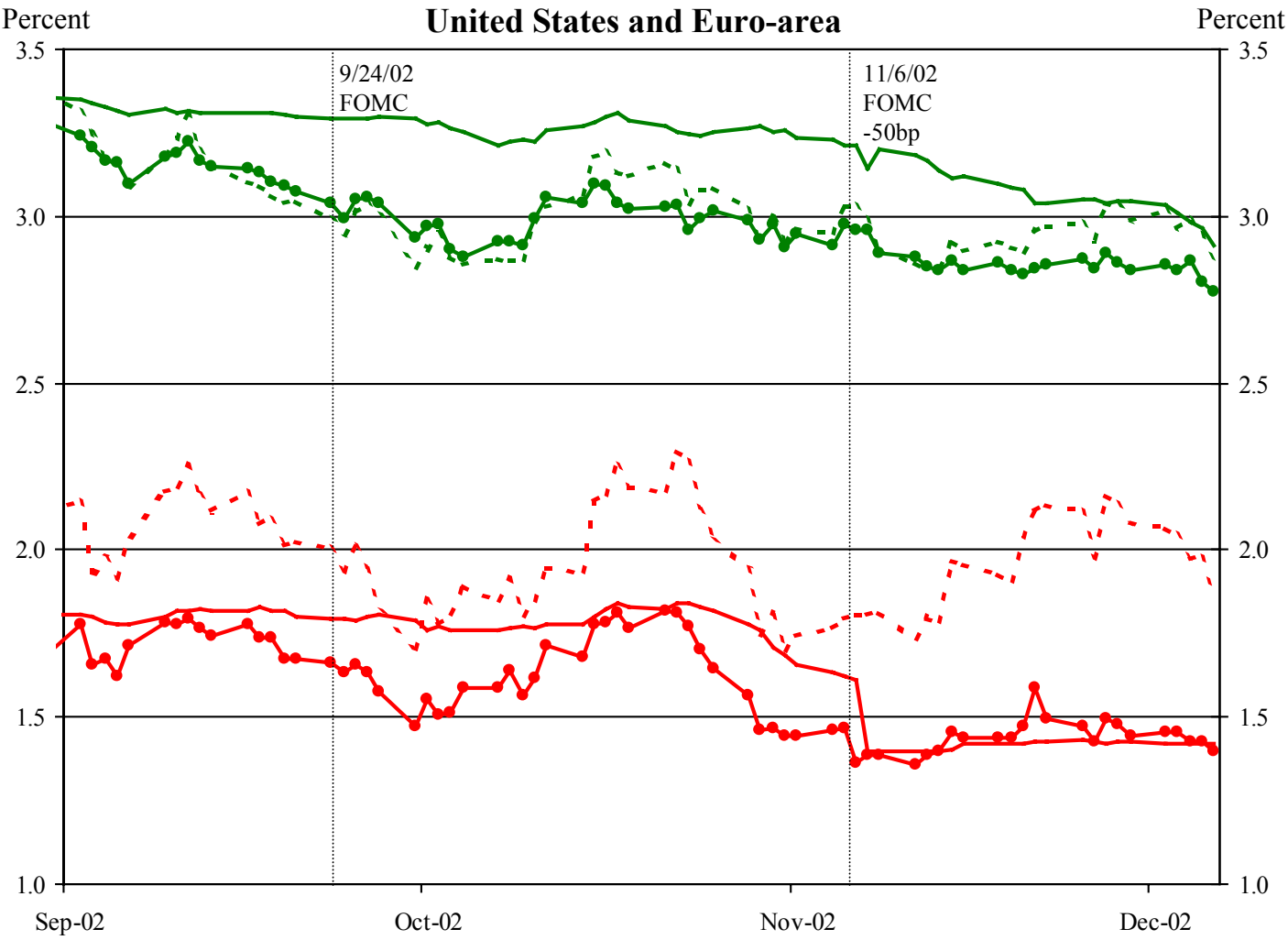


Appendix 1: Materials used by Mr. Kos

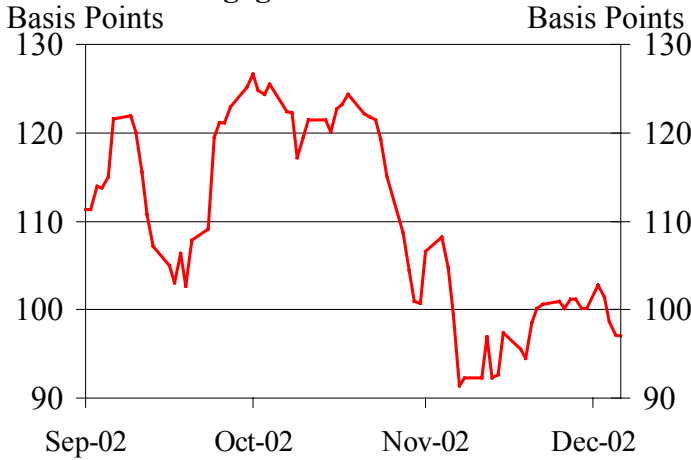
December 10, 2002 **Current Deposit Rates and Rates Implied by Traded Forward Rate Agreements** 79 of 87
September 2, 2002 to December 6, 2002

LIBOR Fixing 3M Forward 9M Forward
Europe ——— —●— - - -
US ——— —●— - - -

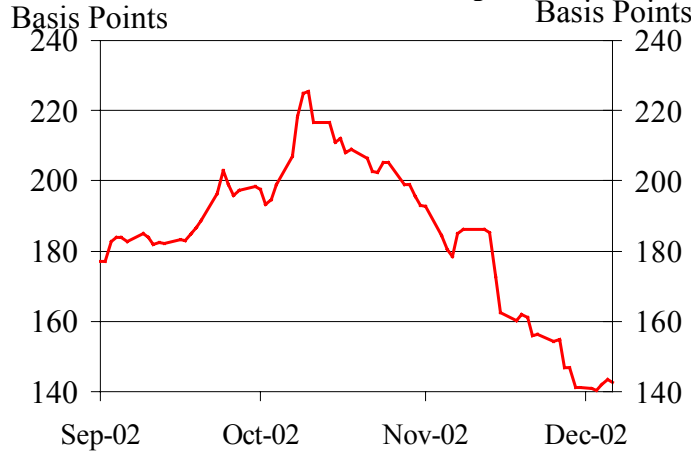


September 2, 2002 to December 6, 2002

Mortgage-Backed Securities

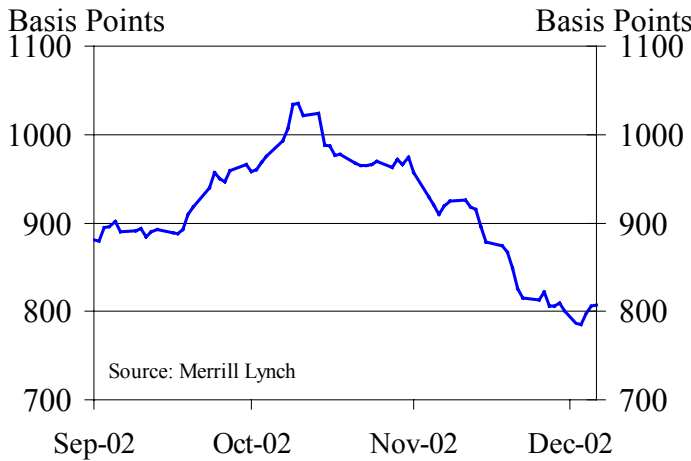


Investment-Grade Corporates



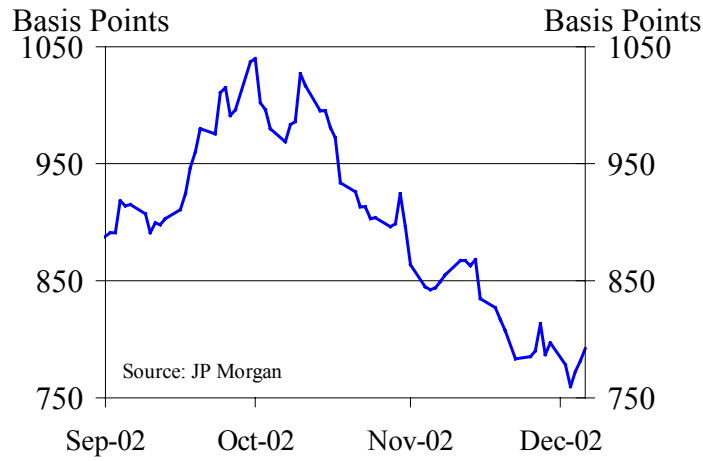
High Yield Index

September 2, 2002 to December 6, 2002

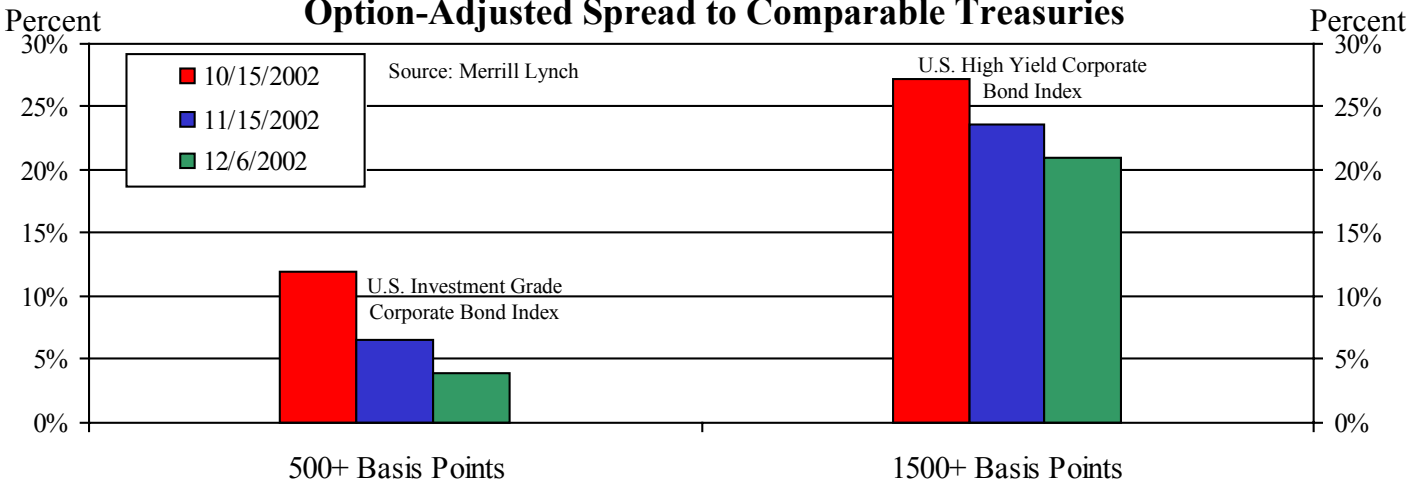


EMBI+ Sovereign Debt Spread

September 2, 2002 to December 6, 2002



Percentage of Bonds Trading at Distressed Levels Categorized by Option-Adjusted Spread to Comparable Treasuries



December 10, 2002

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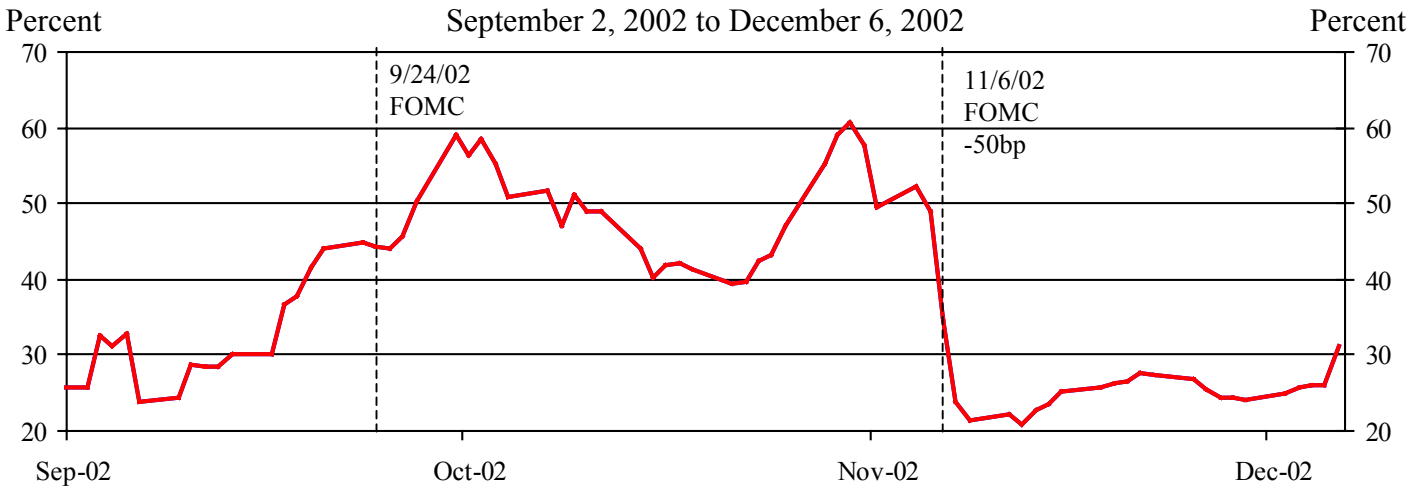
S&P 100 Volatility Index (VIX)

September 2, 2002 to December 6, 2002



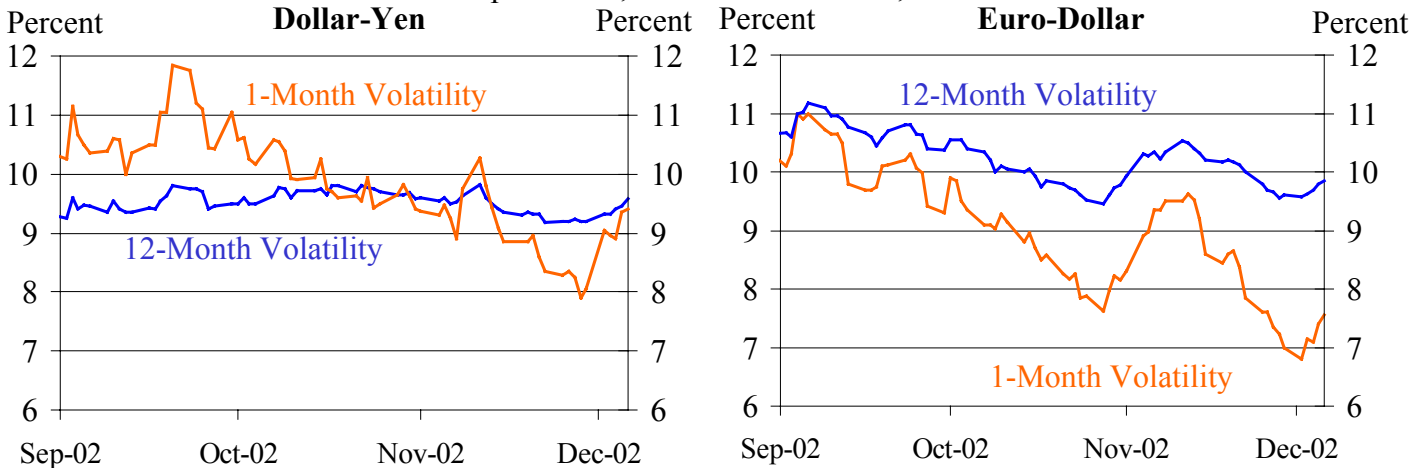
Eurodollar Deposit Futures Implied Volatility

September 2, 2002 to December 6, 2002



Exchange Rate Option-Implied Volatility

September 2, 2002 to December 6, 2002



December 10, 2002

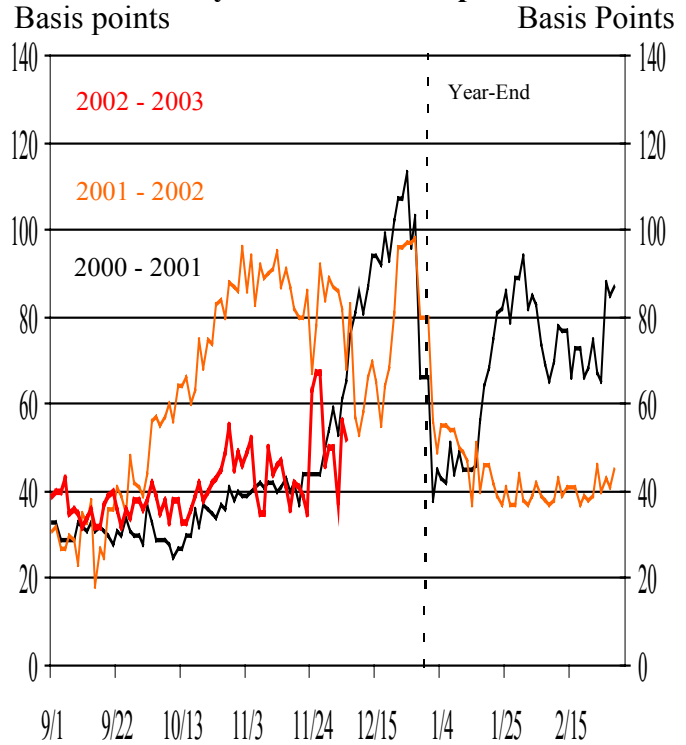
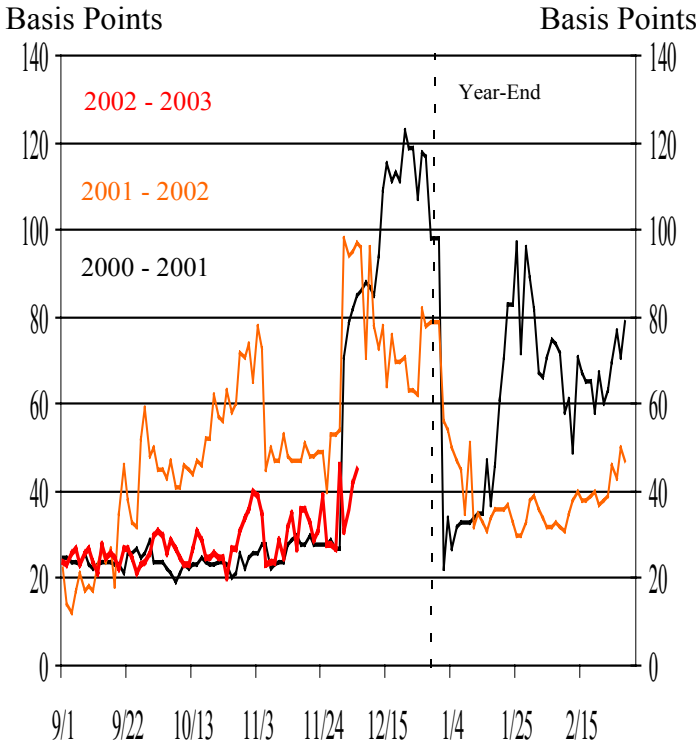
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Commercial Paper Spreads

September through February,
2000 - 2001, 2001 - 2002, 2002 - 2003

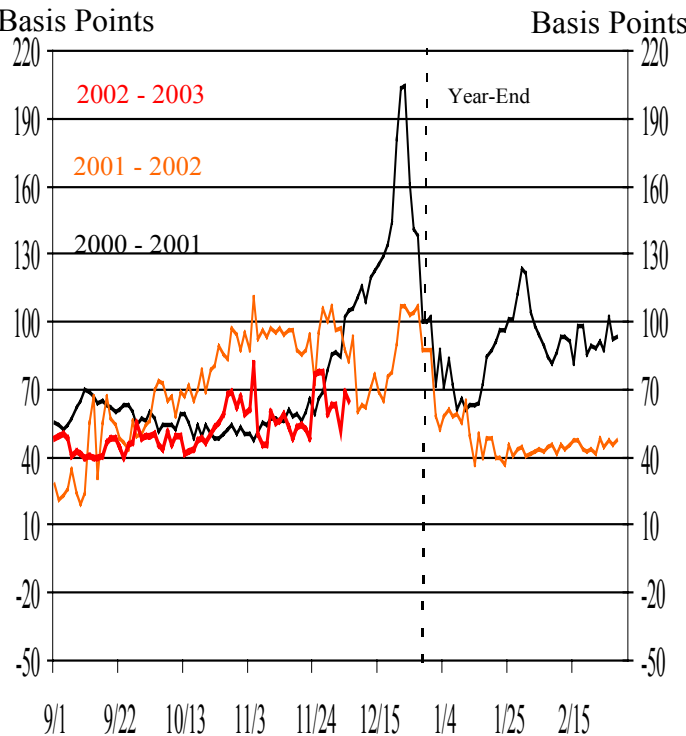
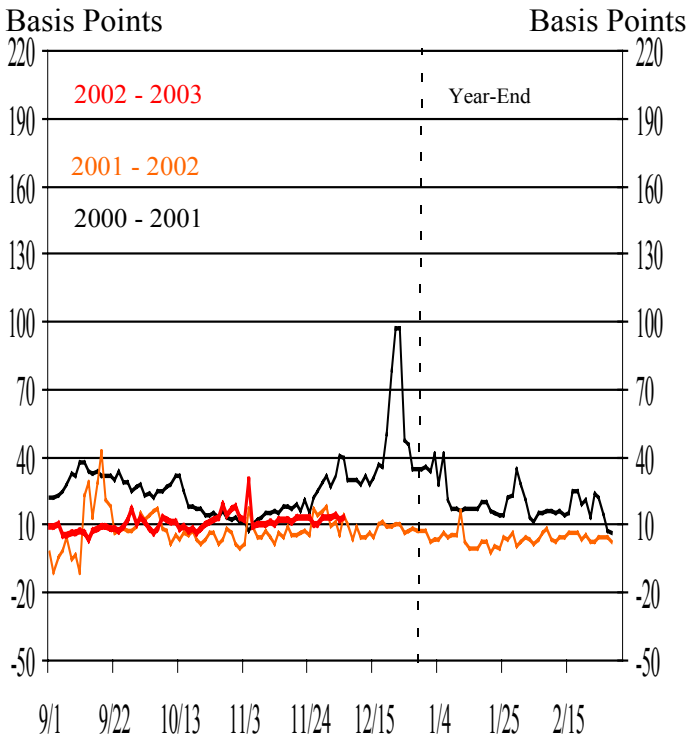
30-Day A2/P2 - A1/P1 Spreads

90-Day A2/P2 - A1/P1 Spreads



90-Day A1/P1 - 3 Month Treasury Bill Spreads

90-Day A2/P2 - 3 Month Treasury Bill Spreads

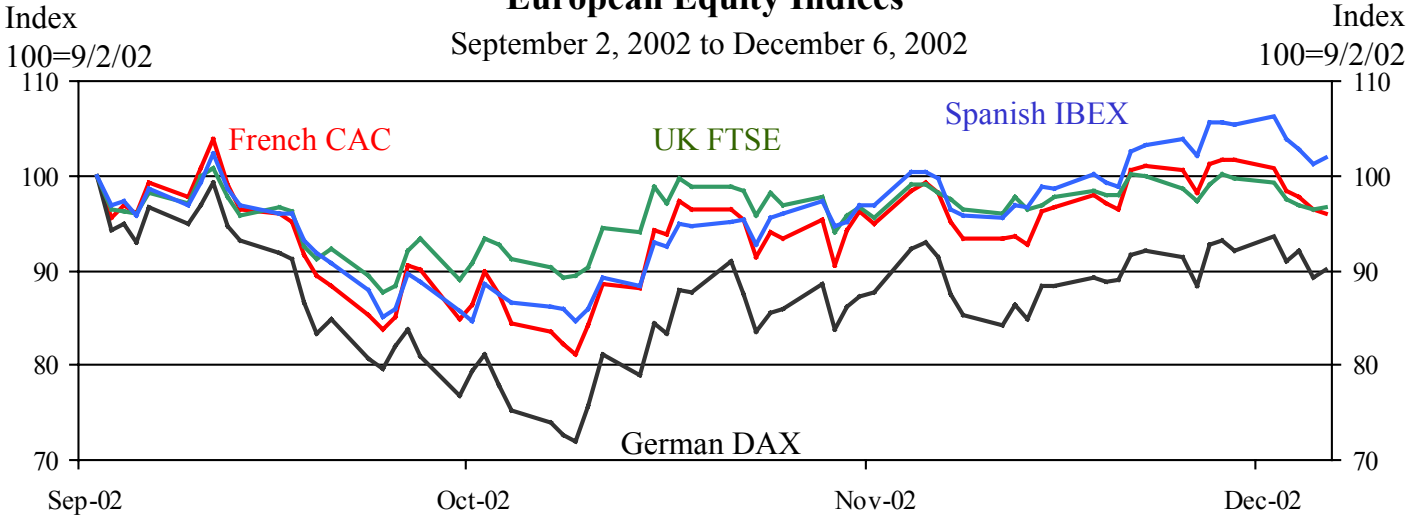


December 10, 2002

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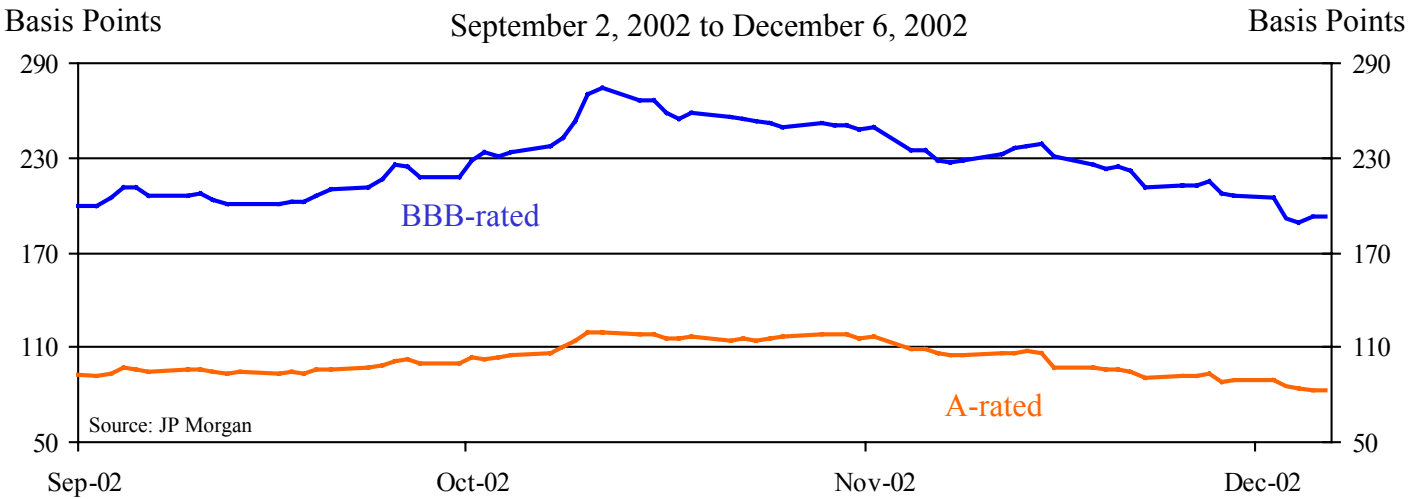
European Equity Indices

September 2, 2002 to December 6, 2002



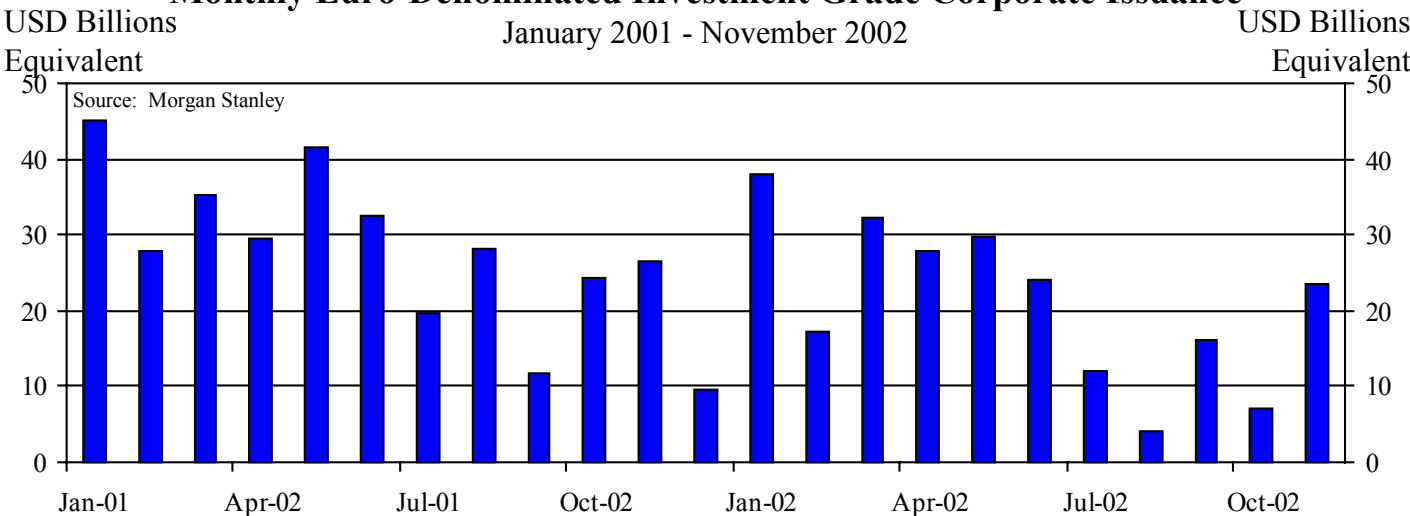
European Corporate Bond Spreads to 10-Year German Bund

September 2, 2002 to December 6, 2002



Monthly Euro-Denominated Investment Grade Corporate Issuance

January 2001 - November 2002

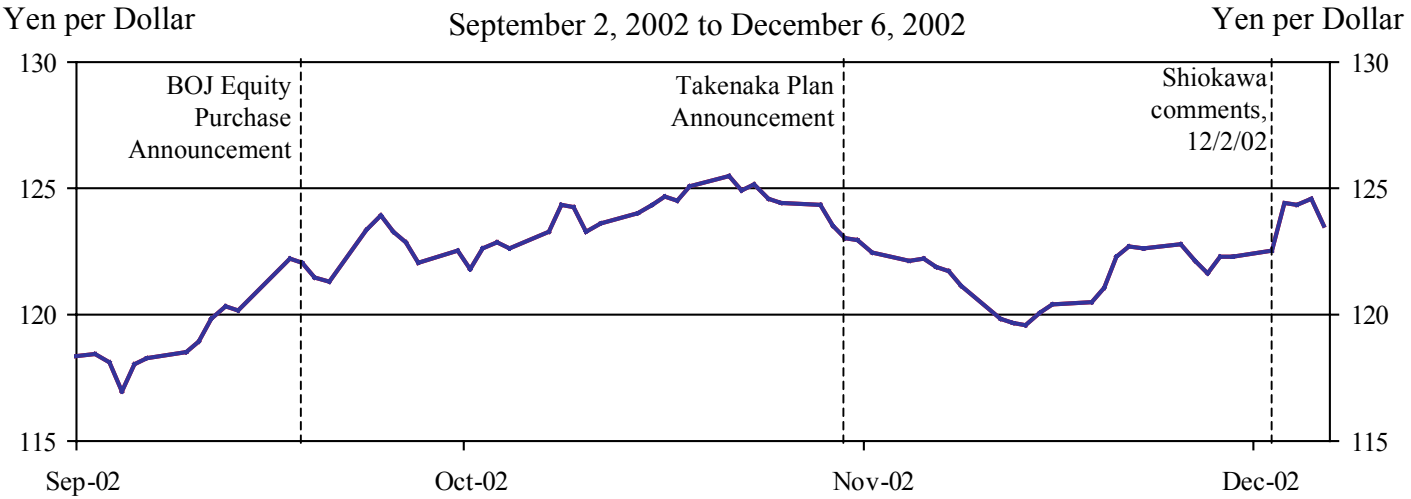


December 10, 2002

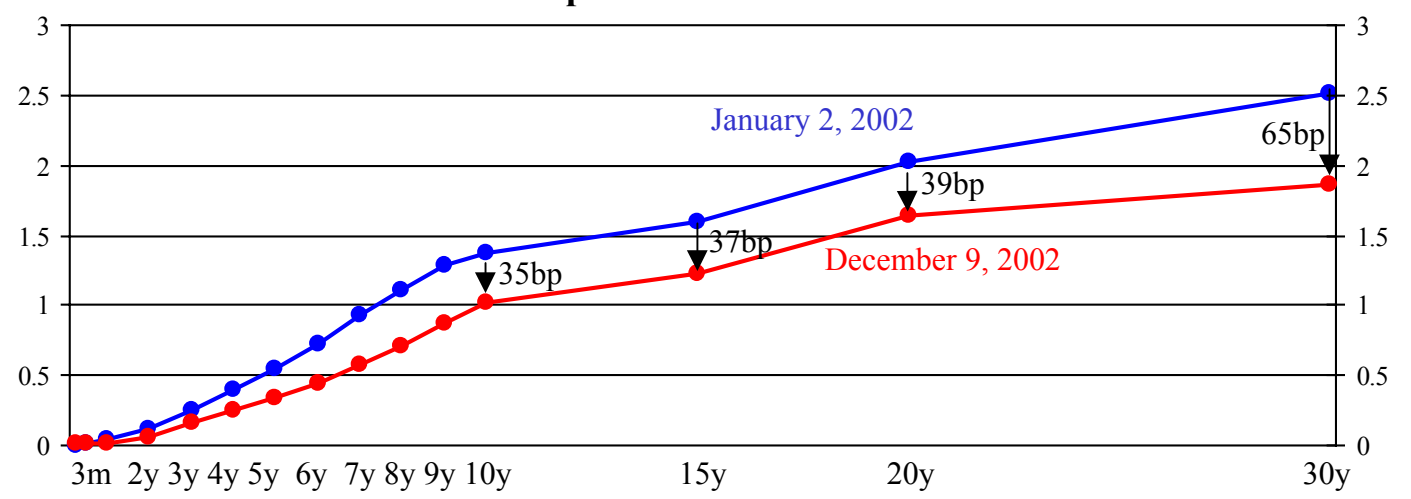
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Dollar-Yen Exchange Rate

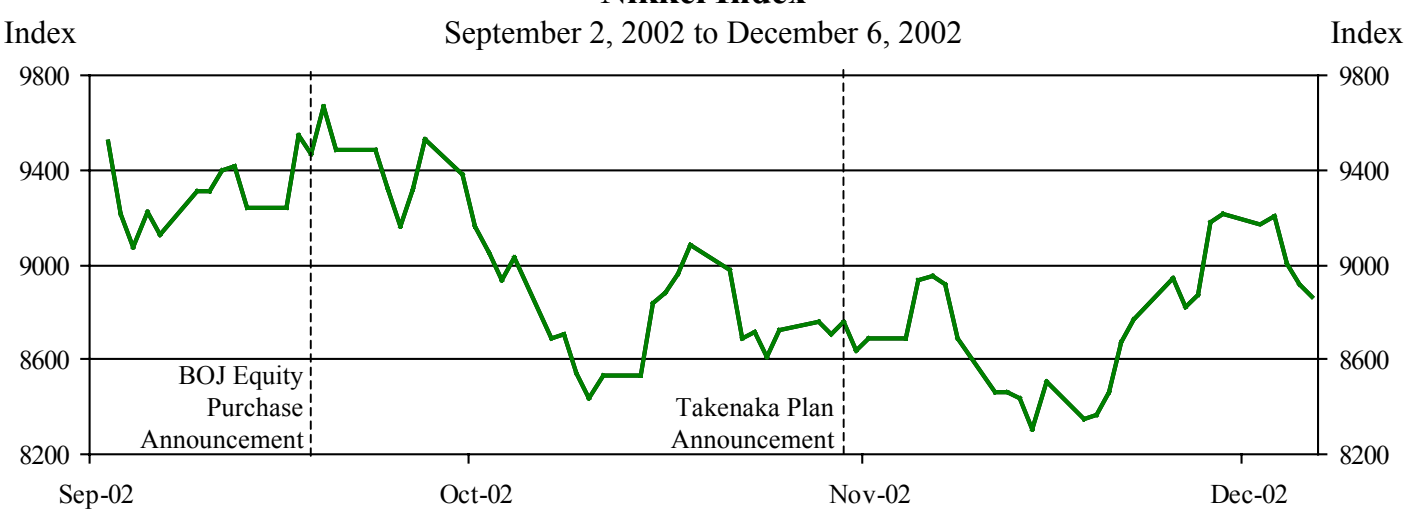
September 2, 2002 to December 6, 2002



Japanese Yield Curve



Nikkei Index



Appendix 2: Materials used by Mr. Madigan

Material for

Monetary Policy Briefing

December 10, 2002

Exhibit 1
Market Reaction to the November 6 Monetary Policy Announcement

	(1)	(2)	(3)	(4)	(5)
	Wednesday 2:00 PM	Wednesday 2:30 PM	Wednesday 4:00 PM	Early Change (2) – (1)	Change through 4:00 PM (3) – (1)
Expected fed funds rates¹	----- <i>Percent</i> -----			---- <i>Basis points</i> ----	
1. December	1.36	1.23	1.22	-13	-14
2. January	1.30	1.20	1.21	-10	-10
3. February	1.25	1.19 ²	1.18	-6	-8
Treasuries	----- <i>Percent</i> -----			---- <i>Basis points</i> ----	
4. Two-year	1.80	1.75	1.84	-5	4
5. Five-year	2.98	2.93	2.99	-5	1
6. Ten-year	4.03	4.00	4.03	-3	1
Equities	----- <i>Index</i> -----			---- <i>Percent</i> ----	
7. Wilshire	8619	8647	8706	1/4	1

1. Monthly average. Estimated based on federal funds and Eurodollar futures quotes with an allowance for term premiums.

2. Quote from 2:35 p.m. (Quote for 2:30 p.m. not available.)