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# Selected Interest & Exchange Rates

## Weekly Series of Charts

September 16, 2002

DIVISION OF  
**INTERNATIONAL FINANCE**

Prepared by the

**BOARD OF GOVERNORS**

**FINANCIAL MARKETS**

**FEDERAL RESERVE SYSTEM**

SECTION

Washington, D.C. 20551

# Table of Contents

## TABLES

1. LATEST FIGURES PLOTTED
2. DAILY CERTIFIED SPOT  
EXCHANGE RATES

## CHARTS

1. NOMINAL CURRENCY EXCHANGE  
VALUES
2. 3-MONTH FORWARD EXCHANGE  
RATES
3. PRICE OF GOLD IN LONDON
4. OVERNIGHT FUNDING RATES  
AND OFFICIAL INTEREST RATES
5. 3-MONTH INTEREST RATES
6. LONG-TERM GOVERNMENT BOND  
YIELDS
7. STOCK INDEXES

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Chart 1

## Nominal Currency Exchange Values

Dollar prices of foreign currencies and weighted average values of U.S. dollar  
(Average for week ending Wednesday, ratio scale, March 1973 = 100)

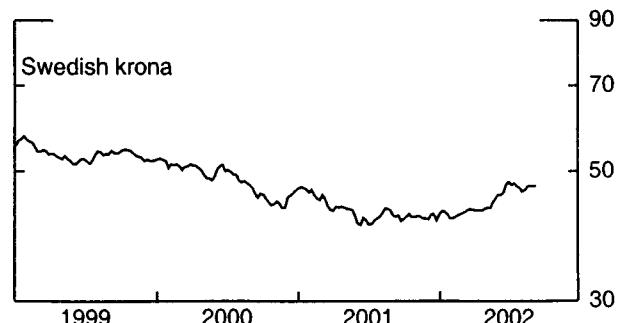
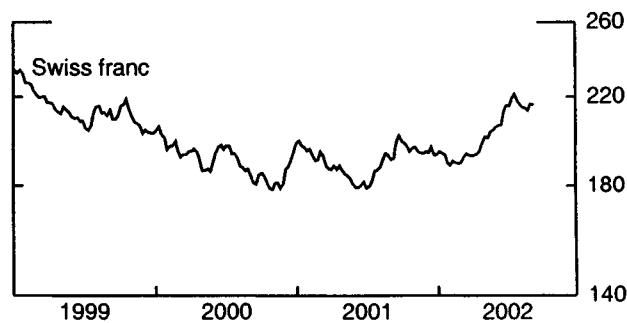
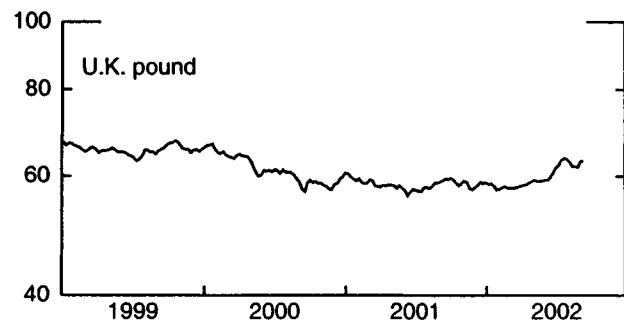
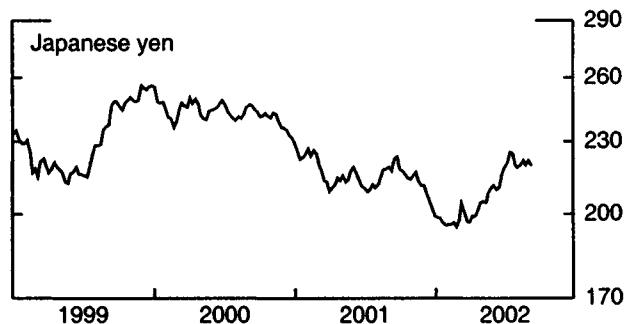
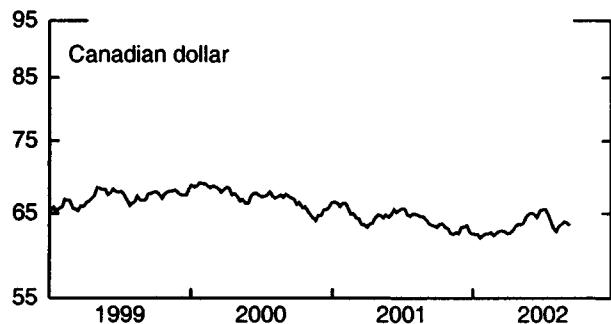
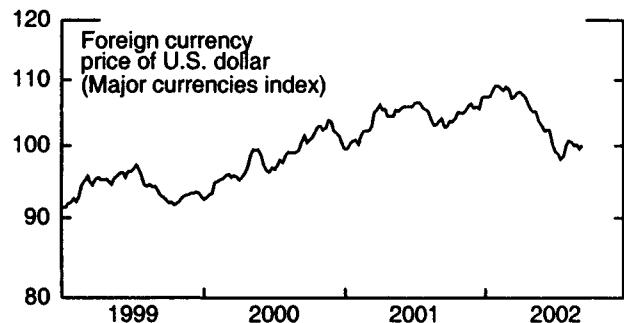
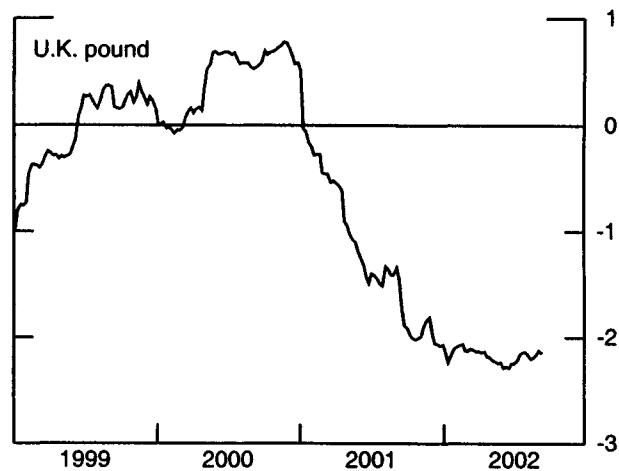
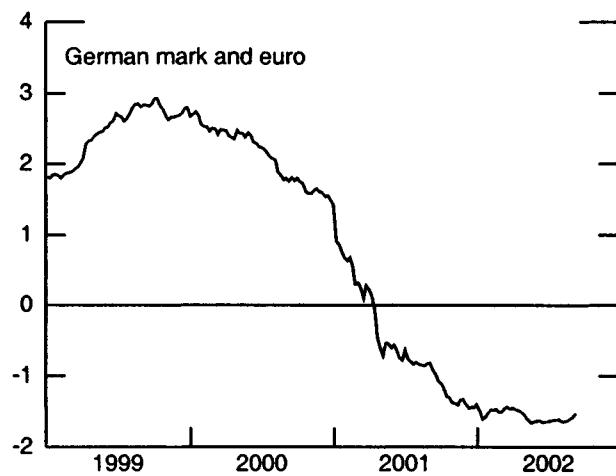


Chart 2

**3-Month Forward Exchange Rates**

Premium (+) or (-)

Averages for week ending Wednesday, percent per annum)



Canada

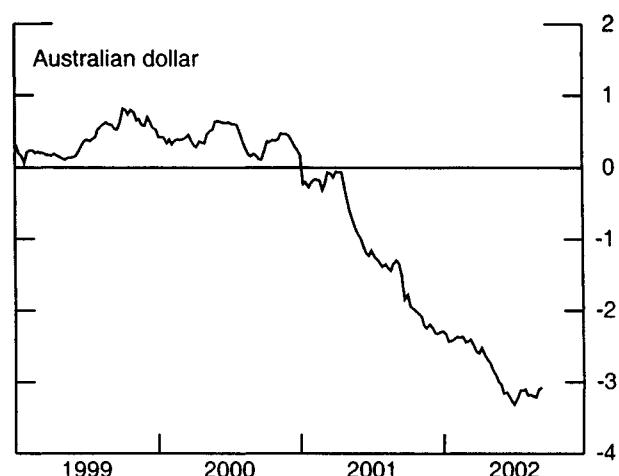
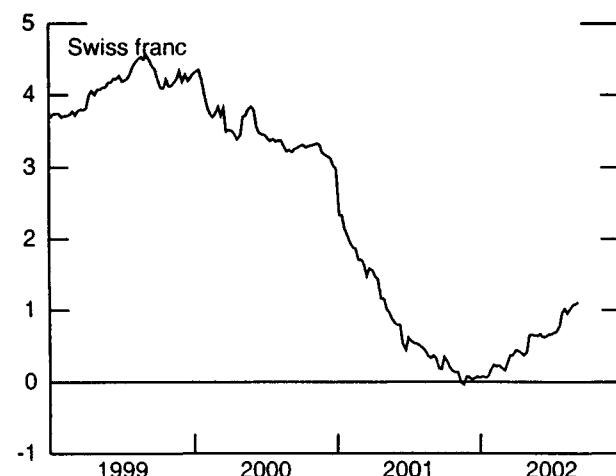
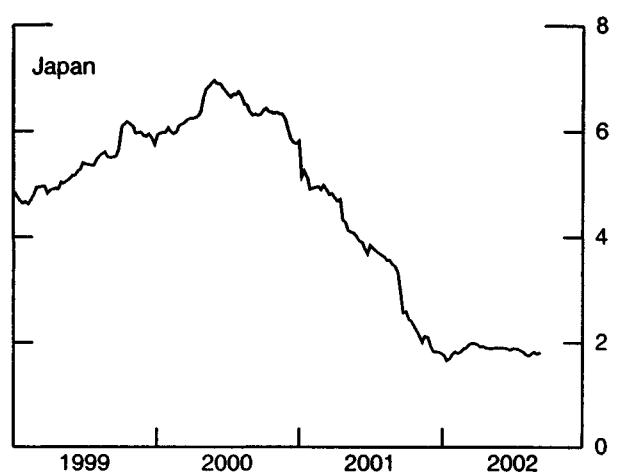
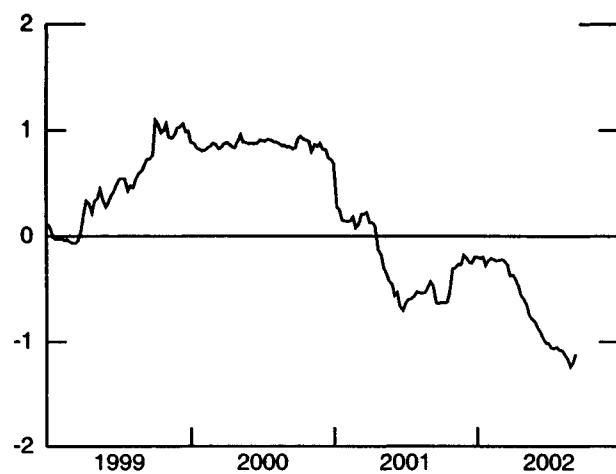


Chart 3

**Price of Gold in London**  
(Averages for week ending Wednesday)

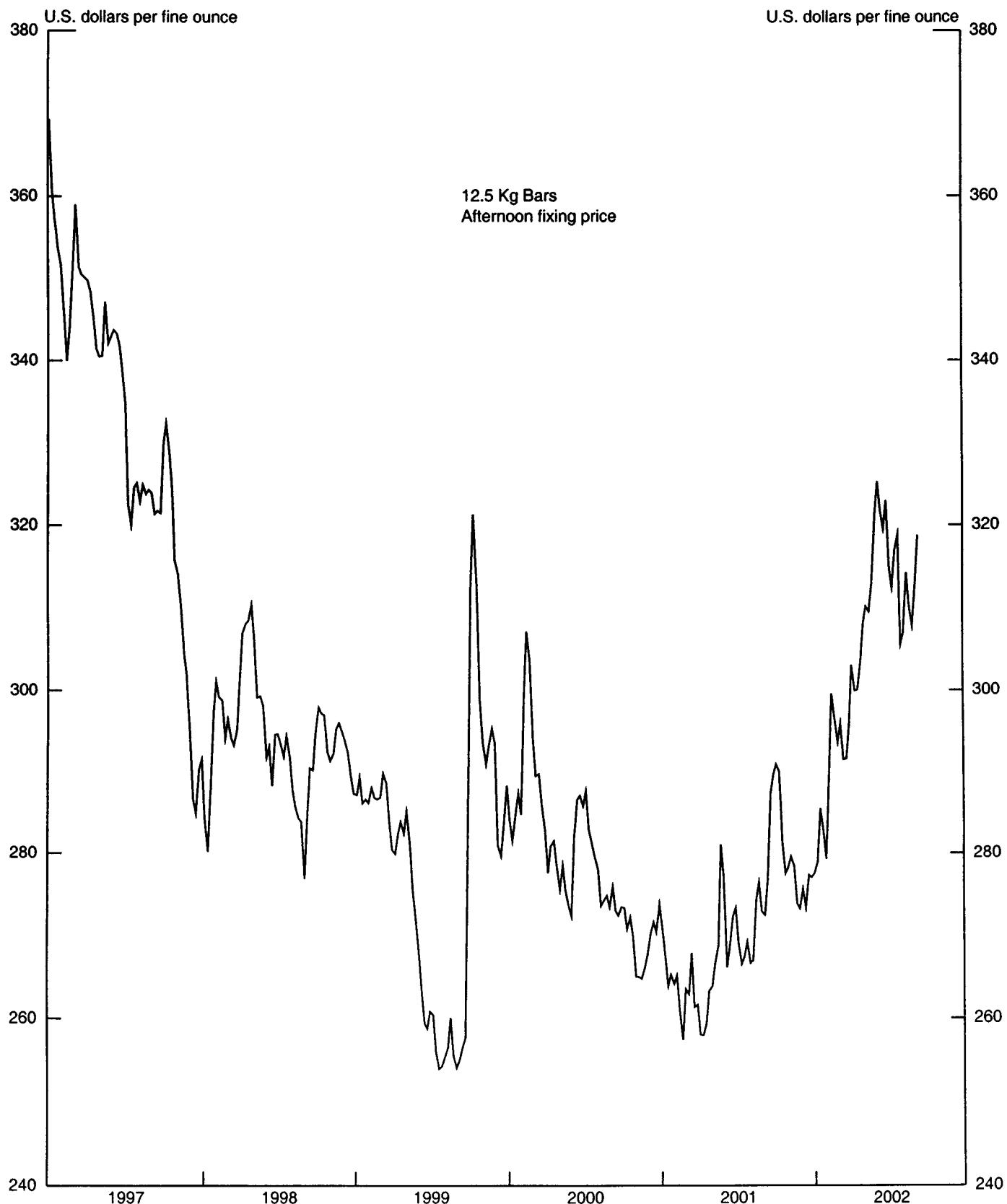
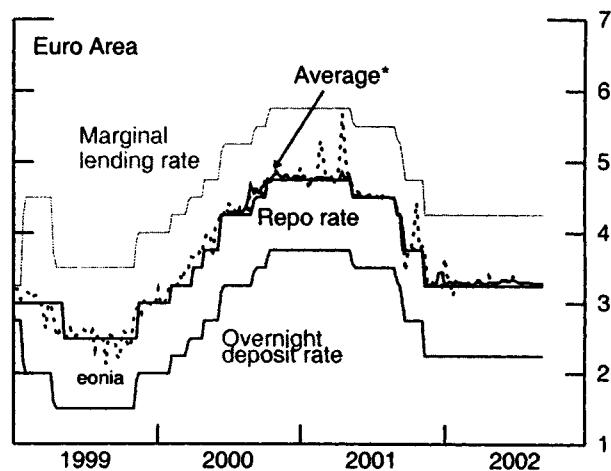
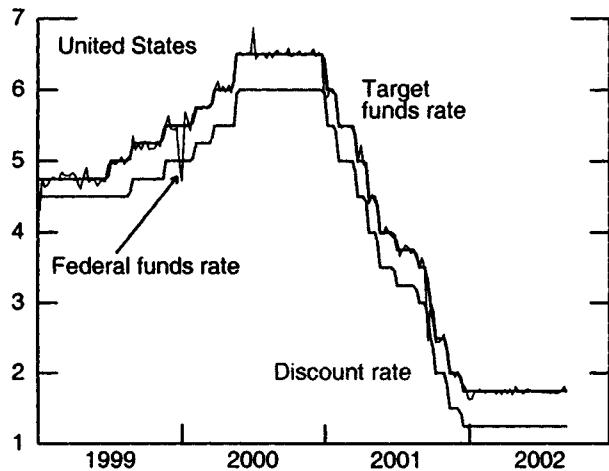


Chart 4

## Interbank Funding Rates and Official Interest Rates

(Averages for week ending Wednesday, percent per annum)



\*In June 2000, the ECB switched from fixed to variable rate tenders, the minimum bid rate and weighted average rate are shown.

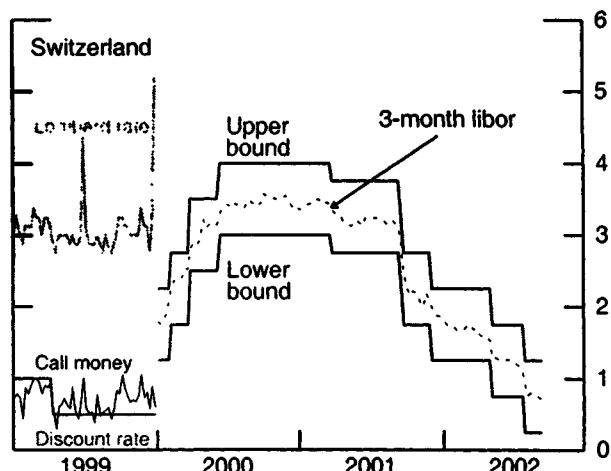
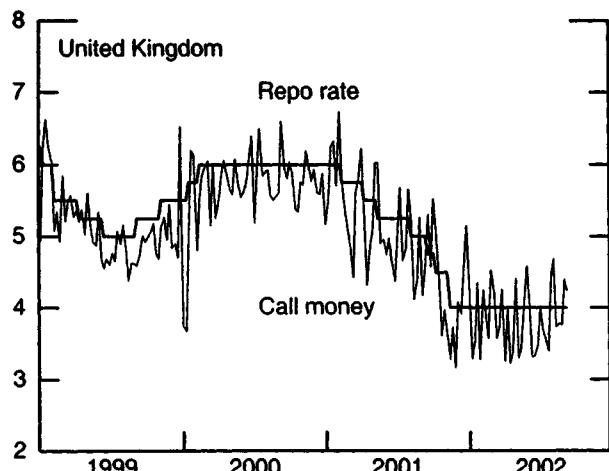
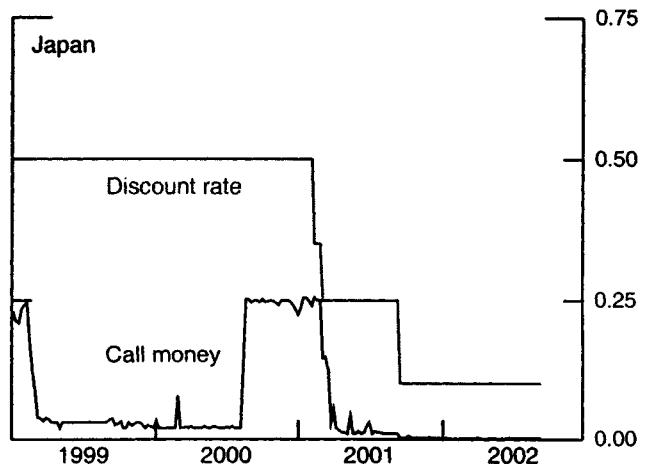
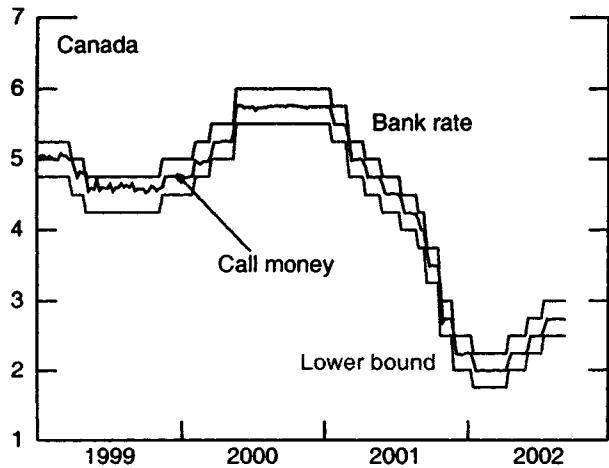


Chart 5

### 3-Month Interest Rates

(Averages for week ending Wednesday, percent per annum)

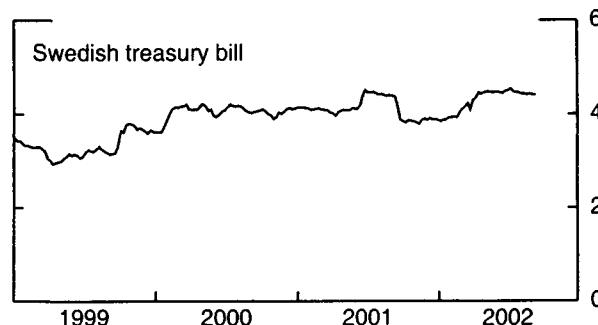
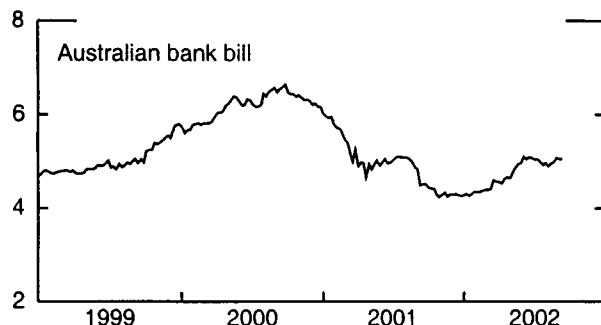
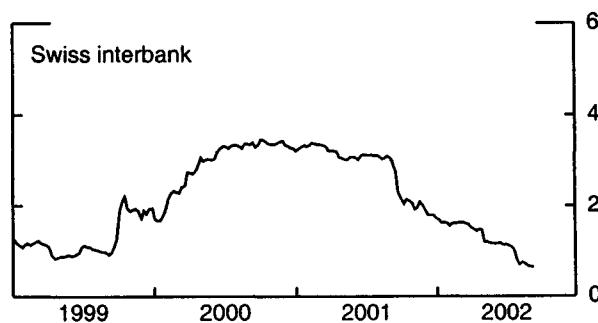
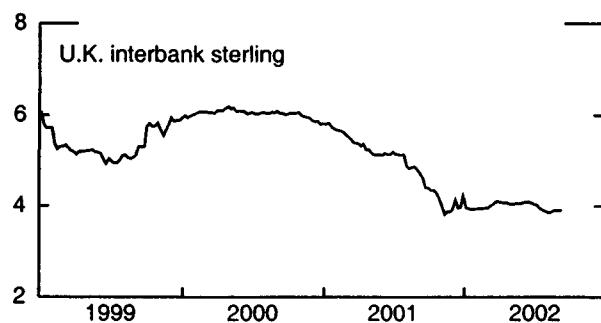
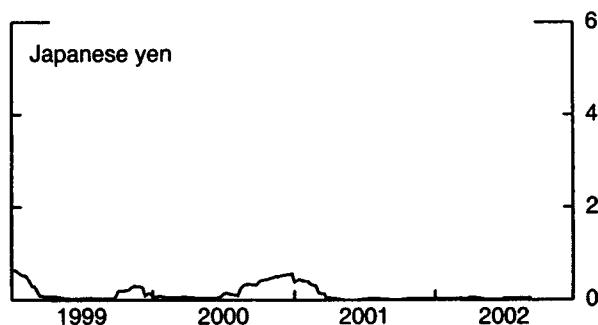
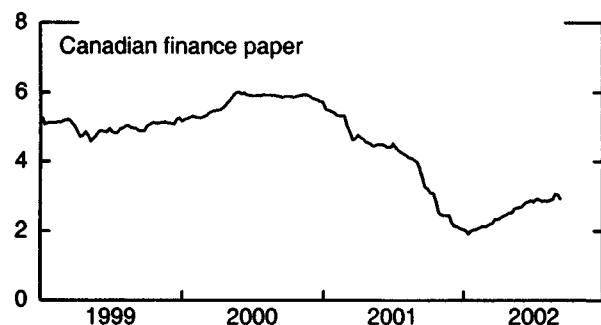
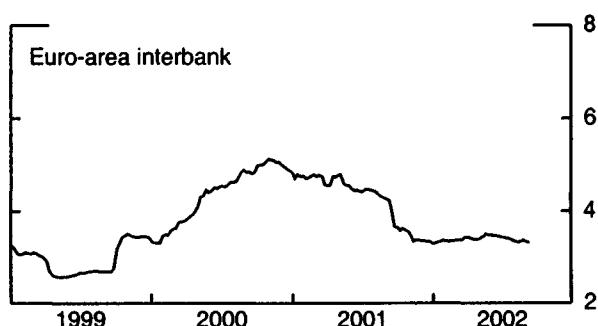
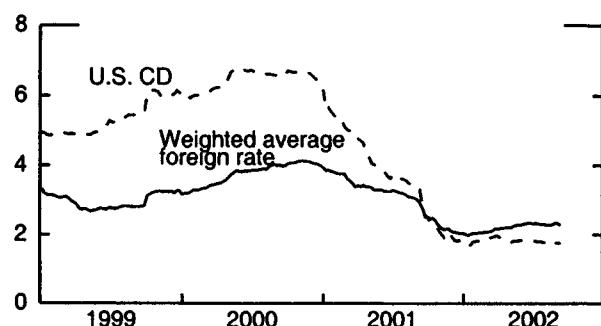


Chart 6

## Long-Term Government Bond Yields

(Averages for week ending Wednesday, percent per annum)

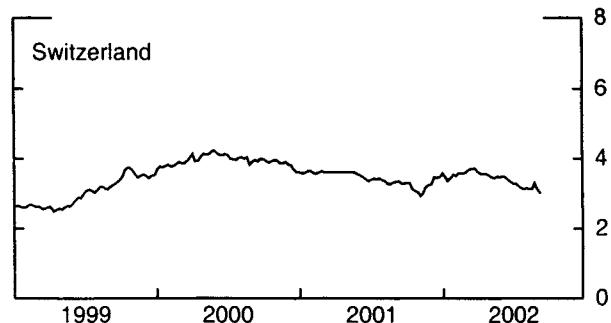
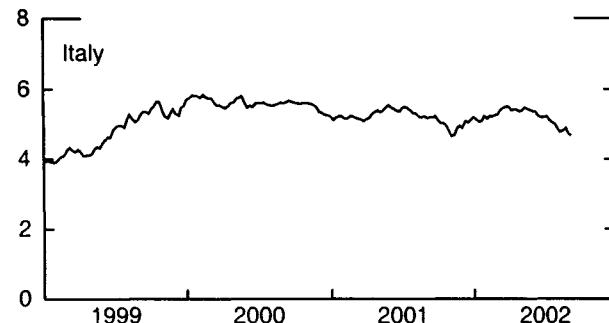
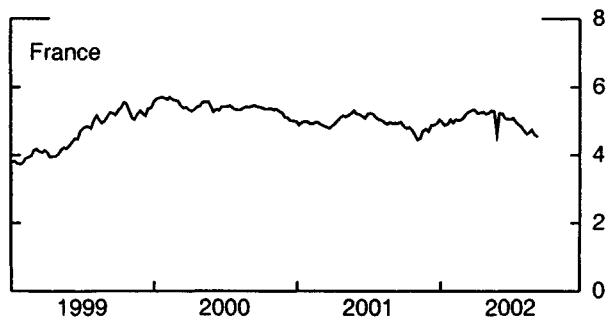
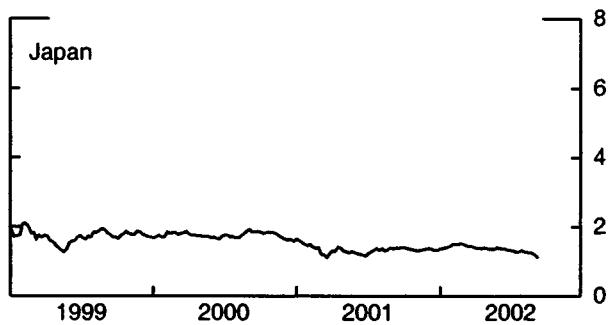
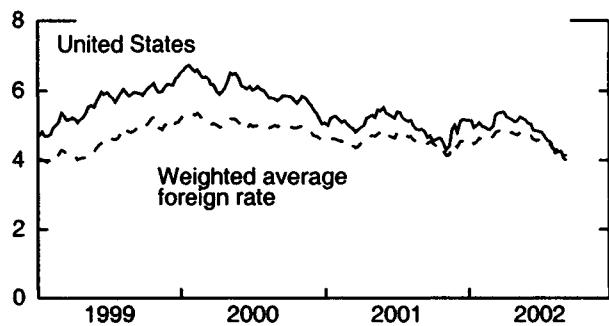
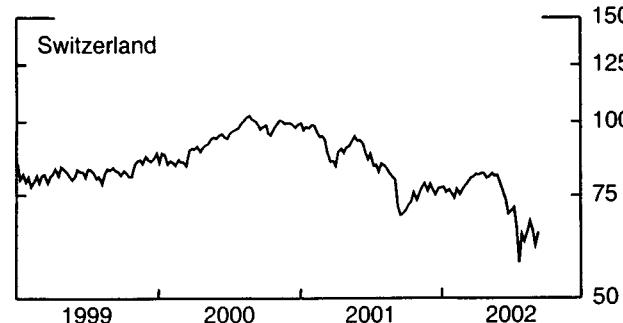
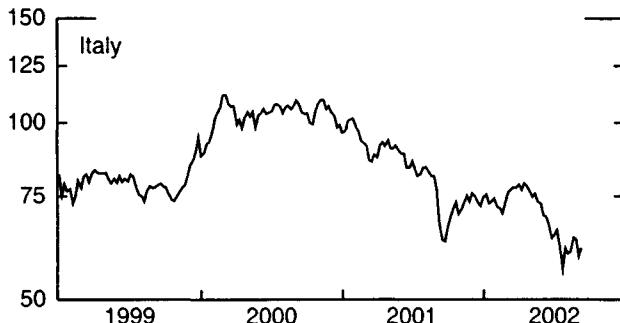
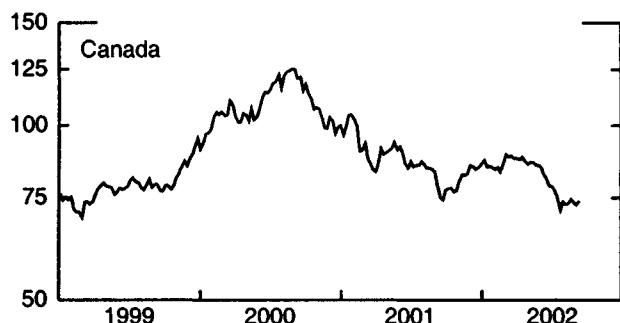
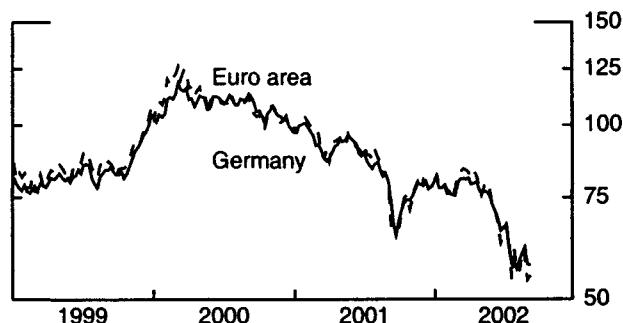
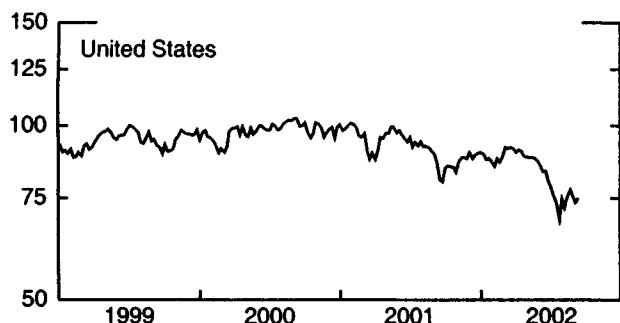


Chart 7

## Stock Indexes

(Averages for week ending Wednesday, ratio scale, December 29, 2000 = 100)



14-Aug-02 21-Aug-02 28-Aug-02 4-Sep-02 11-Sep-02

**Chart 1. Nominal Currency Exchange Values**

Noon buying rates (U.S. cents, weekly averages)

Australian dollar	53.6660	54.4260	54.6340	54.8000	54.5940
Canadian dollar	63.617	63.932	64.246	64.112	63.713
Japanese yen	0.83956	0.84648	0.83960	0.84707	0.83884
Restated German mark and euro	97.60	98.00	97.58	98.79	98.09
Swedish krona	10.5187	10.6411	10.6540	10.6818	10.6544
Swiss franc	66.754	66.789	66.335	67.312	67.179
U.K. pound	153.16	153.13	152.62	155.57	155.76

Indexes, March 1973 base rates = 100

Australian dollar	37.98	38.52	38.67	38.79	38.64
Canadian dollar	63.41	63.72	64.03	63.90	63.50
Japanese yen	219.82	221.64	219.83	221.79	219.64
Restated German mark and euro	140.38	140.96	140.34	142.09	141.09
Swedish krona	46.58	47.12	47.18	47.30	47.18
Swiss franc	214.76	214.87	213.41	216.55	216.12
U.K. pound	61.95	61.94	61.73	62.92	63.00

**Chart 2. 3-Month Forward Exchange Rates, Premium or Discount**

Australian dollar	-3.18	-3.20	-3.21	-3.10	-3.08
Canadian dollar	-1.11	-1.16	-1.23	-1.19	-1.11
Euro	-1.64	-1.63	-1.60	-1.57	-1.53
Japanese yen	1.76	1.81	1.83	1.80	1.82
Swiss franc	0.96	1.02	1.08	1.08	1.11
U.K. pound	-2.20	-2.19	-2.17	-2.12	-2.15

**Chart 3. Gold Price in London, Afternoon Fixing**

U.S. dollars per fine ounce	314.25	310.30	307.78	312.68	318.78
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**Chart 4. Interbank Funding Rates and Official Interest Rates**

<b>United States</b>					
Target federal funds rate	1.75	1.75	1.75	1.75	1.75
Effective federal funds	1.72	1.73	1.76	1.81	1.73
Discount rate	1.25	1.25	1.25	1.25	1.25
<b>Canada</b>					
Bank rate	3.00	3.00	3.00	3.00	3.00
Call money	2.74	2.74	2.74	2.75	2.73
Lower bound	2.50	2.50	2.50	2.50	2.50
<b>Euro area</b>					
Marginal lending rate	4.25	4.25	4.25	4.25	4.25
Eonia	3.29	3.29	3.29	3.30	3.29
Repo rate	3.25	3.25	3.25	3.25	3.25
Overnight deposit rate	2.25	2.25	2.25	2.25	2.25
<b>Japan</b>					
Call money	0.00	0.00	0.00	0.00	0.00
Discount rate	0.10	0.10	0.10	0.10	0.10
<b>Switzerland*</b>					
Upper bound	1.25	1.25	1.25	1.25	1.25
Libor rate	0.81	0.79	0.78	0.74	0.73
Lower bound	0.25	0.25	0.25	0.25	0.25
<b>United Kingdom</b>					
Call money	3.74	3.78	3.76	4.39	4.24
Repo rate	4.00	4.00	4.00	4.00	4.00

\*In January 2000, the Swiss National Bank began to target the Swiss Franc 3-month LIBOR interest rate, with the aim of keeping this rate inside a range given by an upper and a lower bound.

	14-Aug-02	21-Aug-02	28-Aug-02	4-Sep-02	11-Sep-02
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**Chart 5. 3-Month Interest Rates**

U.S. 90-day CD's, secondary market	1.69	1.72	1.76	1.76	1.76
Australian bank bill	4.96	5.00	5.08	5.05	5.05
Canadian finance paper	2.88	2.92	3.06	3.04	2.92
Euro-area interbank	3.34	3.35	3.37	3.35	3.31
Japanese CD	0.04	0.05	0.05	0.04	0.04
Swedish treasury bill	4.44	4.43	4.44	4.42	4.41
Swiss interbank	0.76	0.73	0.68	0.66	0.65
U.K. interbank sterling	3.86	3.91	3.91	3.90	3.92
Weighted average foreign interest rate (Canada, euro area, Japan, United Kingdom, Switzerland, Australia, and Sweden)	2.27	2.30	2.35	2.33	2.28

**Chart 6. Long Term Government Bellwether Bond Yields  
10-year maturity, where available**

Canada	5.09	5.16	5.15	4.99	4.93
France	4.61	4.67	4.74	4.59	4.54
Germany	4.53	4.58	4.66	4.50	4.44
Italy	4.77	4.82	4.89	4.73	4.67
Japan	1.27	1.26	1.25	1.19	1.12
Switzerland	3.13	3.15	3.30	3.15	3.00
United Kingdom	4.62	4.67	4.71	4.55	4.47
United States	4.21	4.23	4.26	4.06	4.00
Weighted average foreign interest rate (Canada, euro area, Japan, United Kingdom, Switzerland, Australia, and Sweden)	4.27	4.32	4.35	4.21	4.13

**Chart 7. Stock Indexes (Wednesday figures)**

Canada	73.32	74.60	73.65	72.96	74.08
France	57.93	61.77	60.96	56.96	60.25
Germany	56.21	60.94	59.24	54.06	55.05
Euro area	229.00	235.30	240.63	225.10	224.10
Italy	60.29	63.78	63.30	59.22	61.22
Japan	74.21	73.80	74.31	69.05	71.44
Switzerland	65.16	67.81	65.44	61.75	64.98
United Kingdom	52.36	55.15	54.24	51.23	52.99
United States	75.20	77.46	75.49	73.69	74.93

Indices (in order, rebased to December 29, 2000) are Toronto Composite, SBF250, FAZ Aktien, DJ Euro Stoxx Index, Banca Italiana General, Tokyo SE (Topix), Swiss Performance Index, Financial Times Ordinary, NYSE Composite