

(516/517)

Selected Interest & Exchange Rates

Weekly Series of Charts

November 25, 2002

**Prepared by the
FINANCIAL MARKETS
SECTION**

**DIVISION OF
INTERNATIONAL FINANCE

BOARD OF GOVERNORS
FEDERAL RESERVE SYSTEM

Washington, D.C. 20551**

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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)

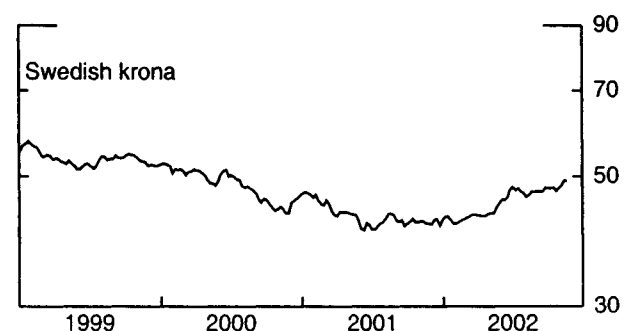
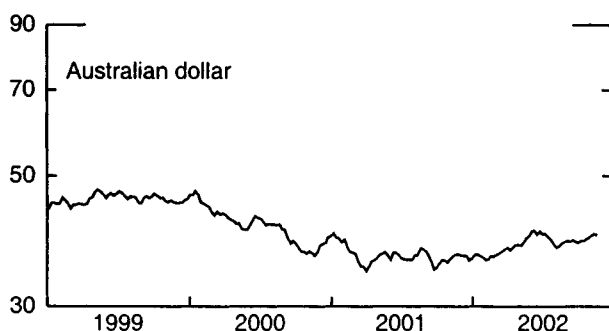
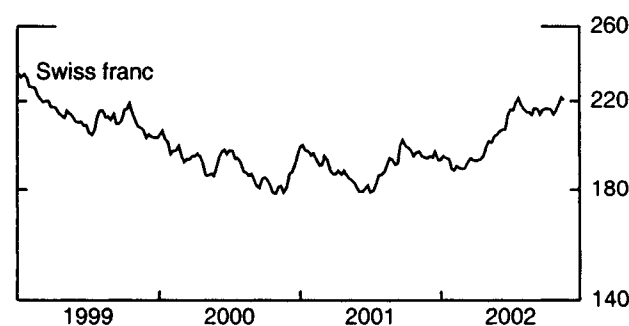
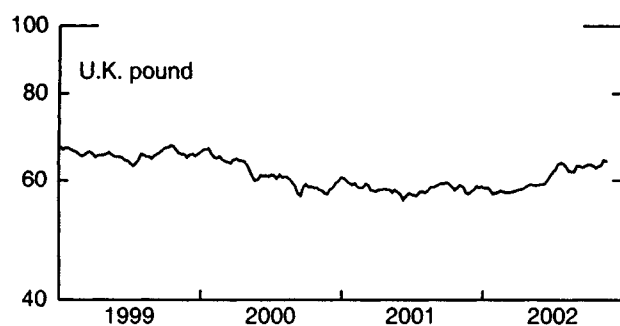
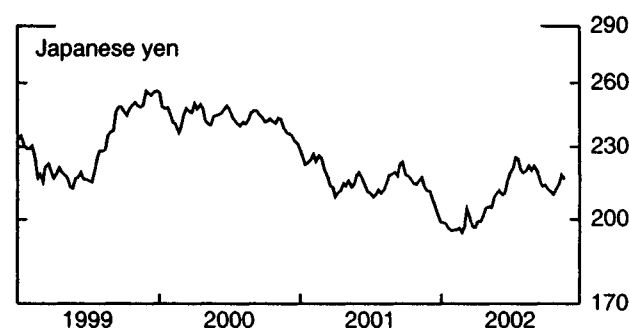
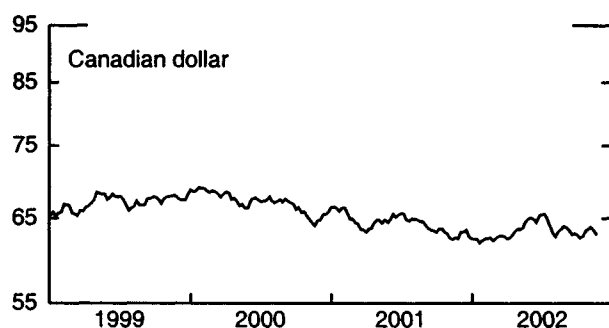
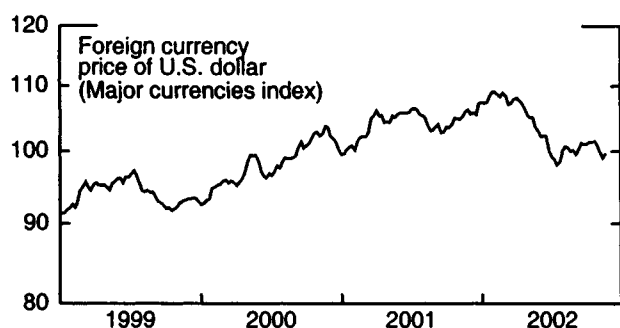


Chart 2

3-Month Forward Exchange Rates

Premium (+) or (-)
Averages for week ending Wednesday, percent per annum

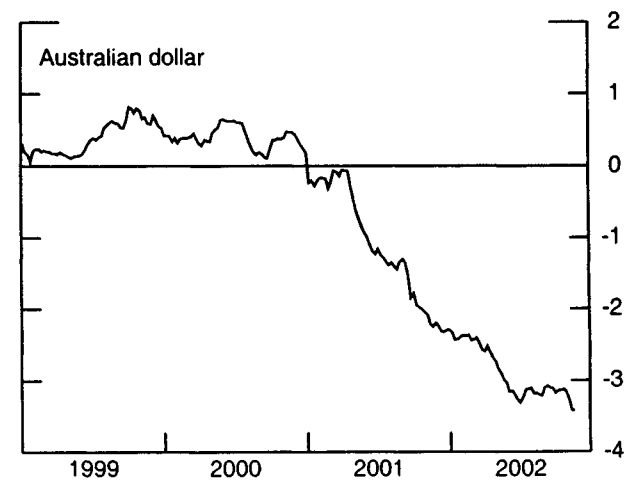
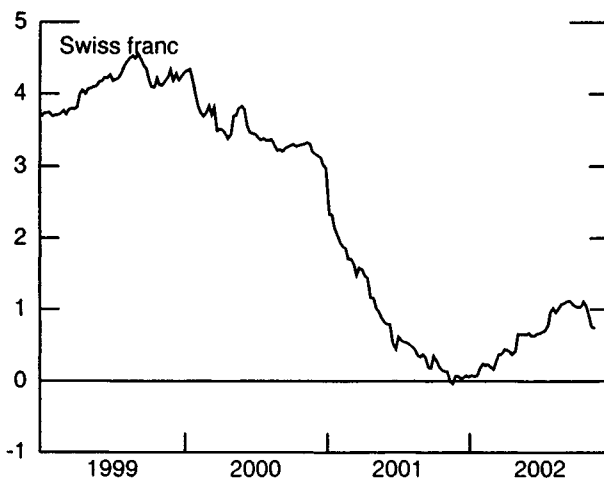
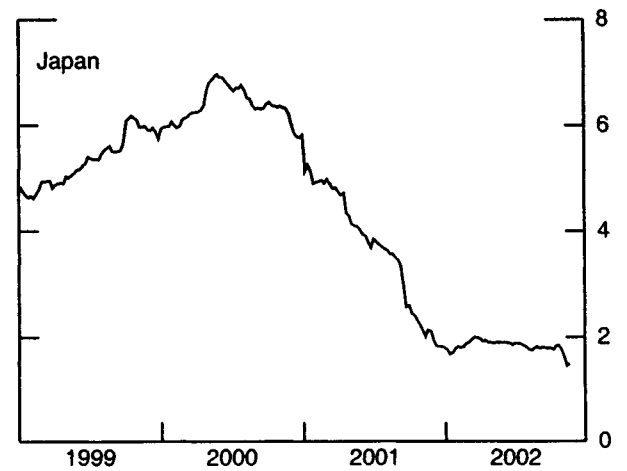
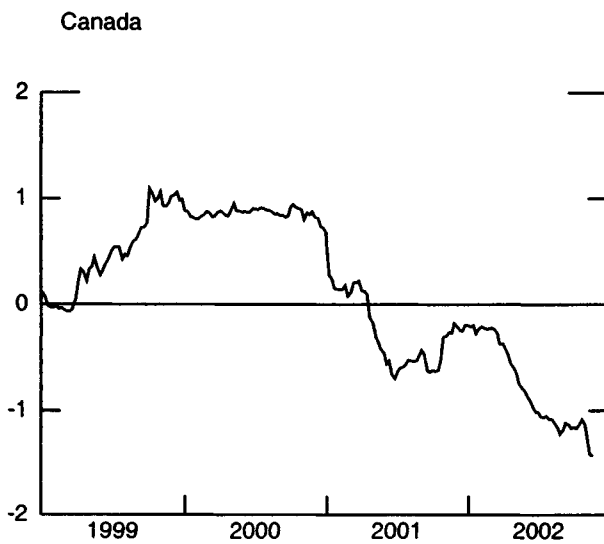
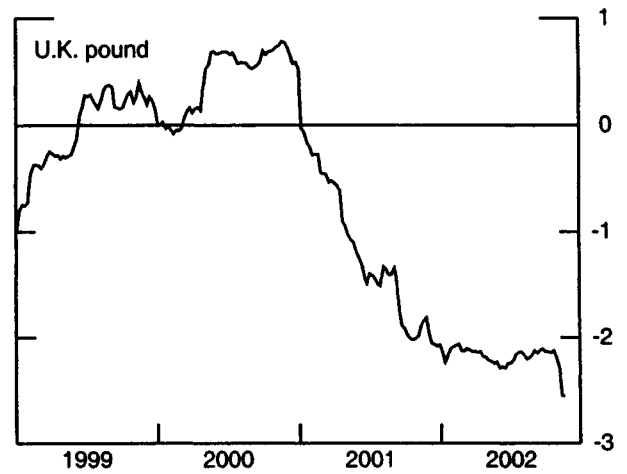
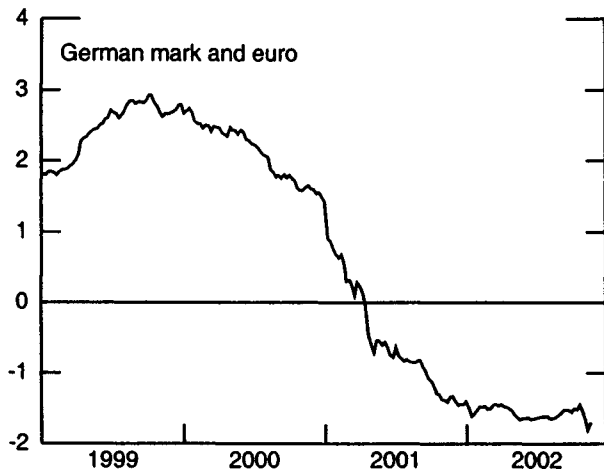


Chart 3

Price of Gold in London

(Averages for week ending Wednesday)

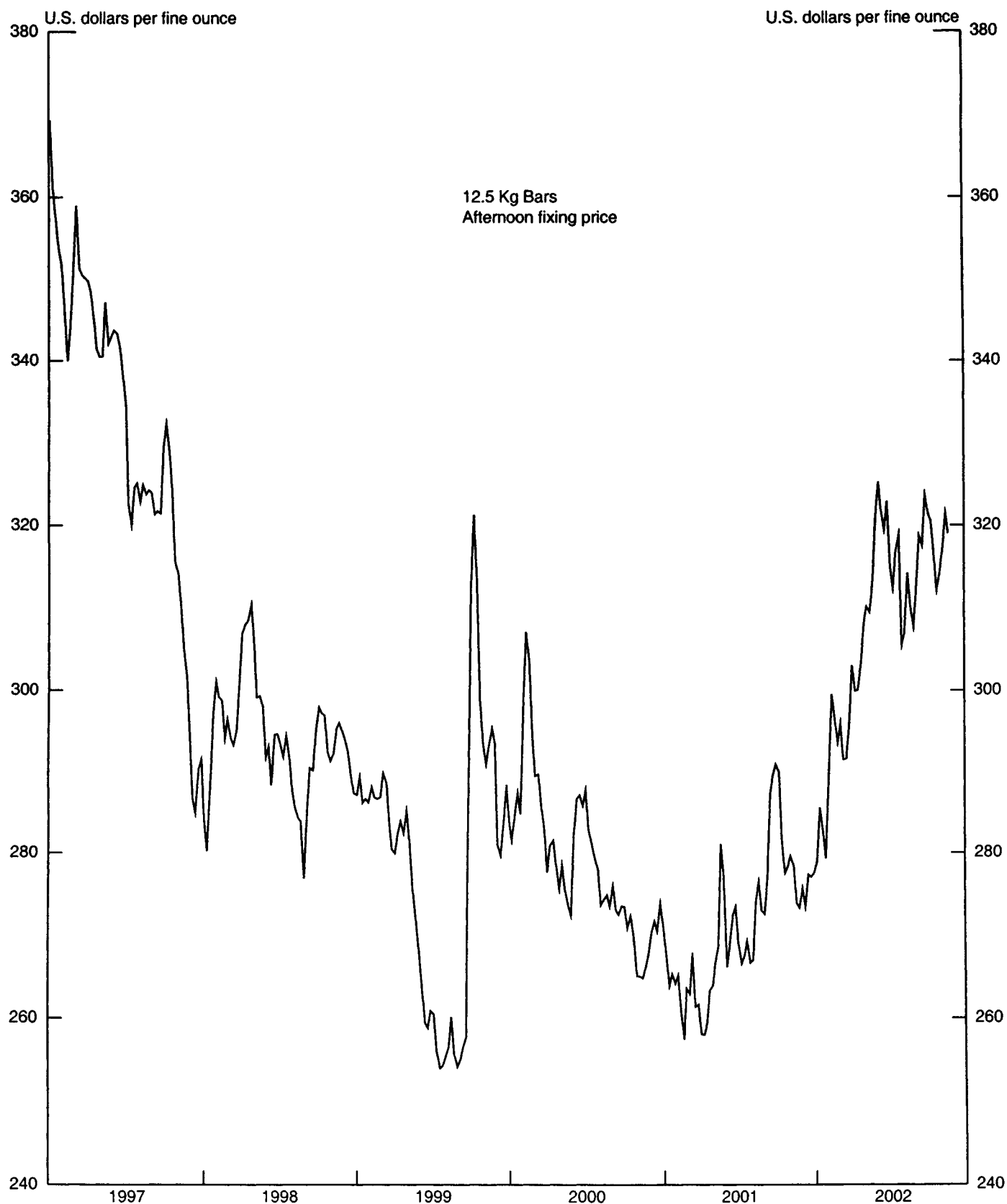
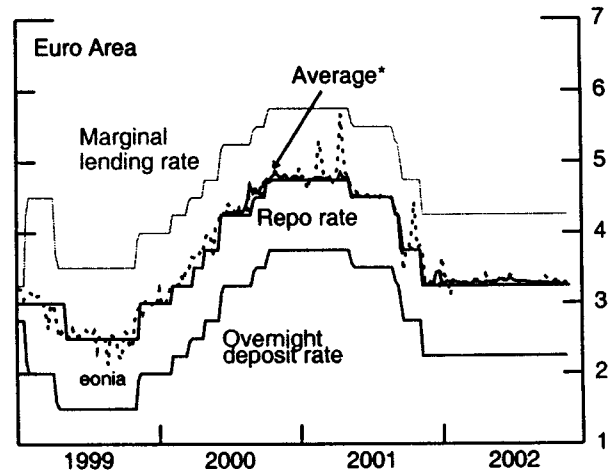
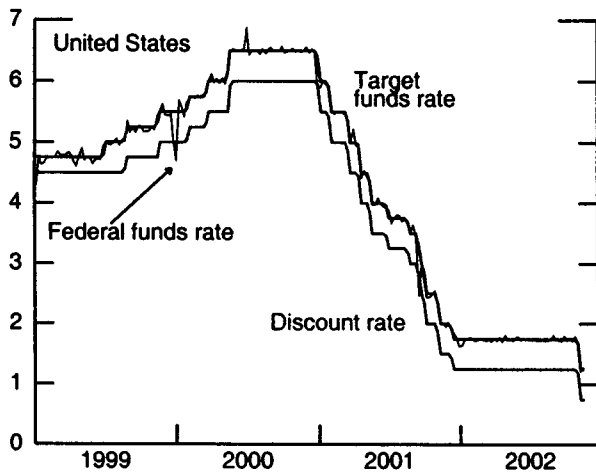


Chart 4

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.

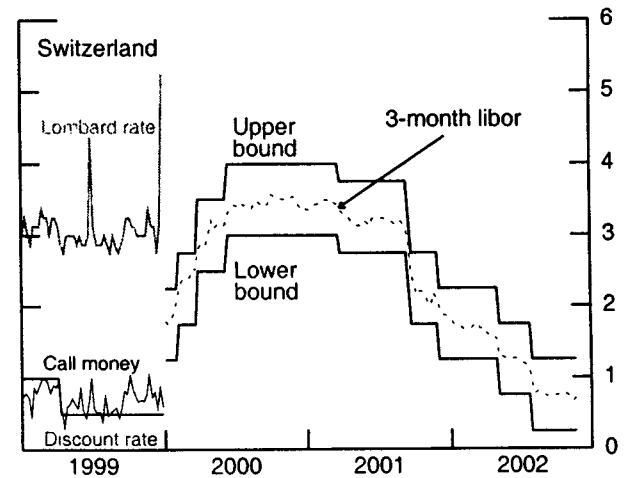
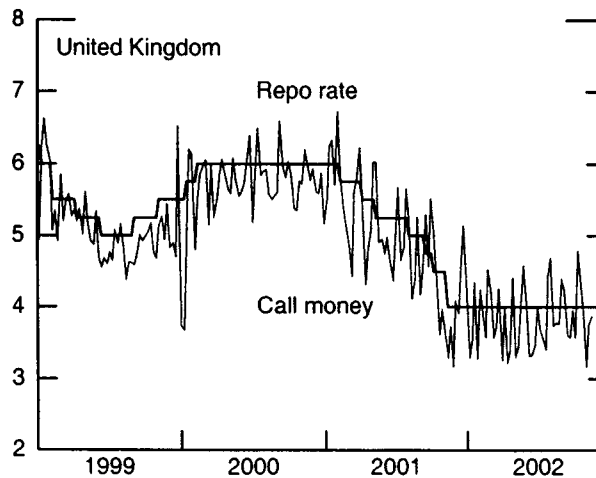
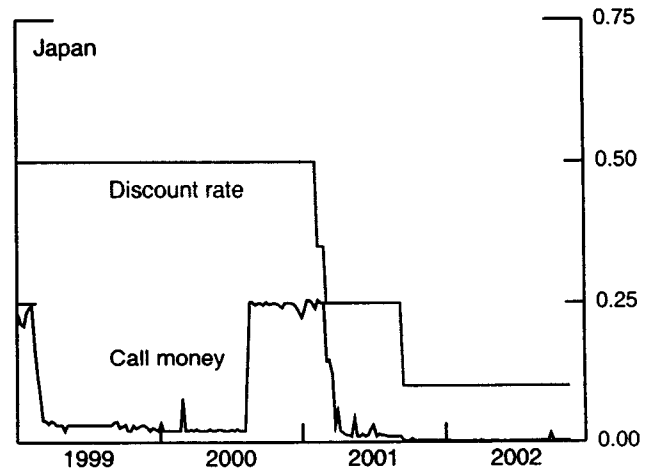
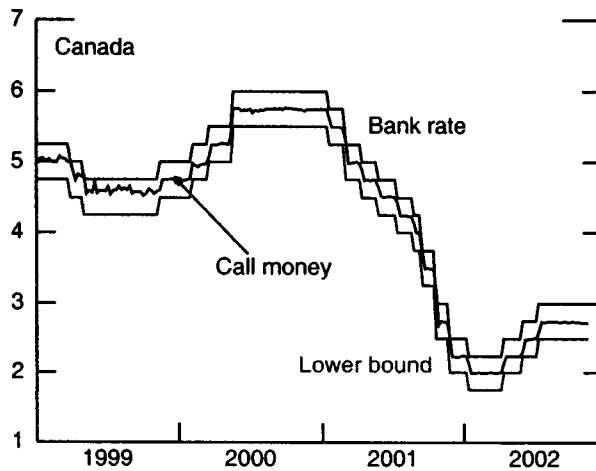


Chart 5

3-Month Interest Rates

(Averages for week ending Wednesday, percent per annum)

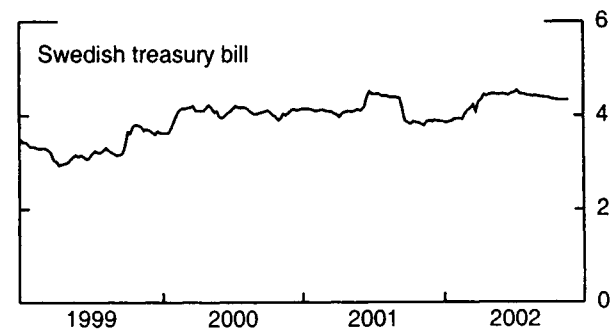
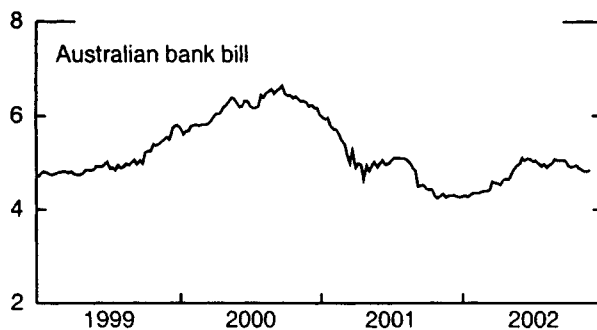
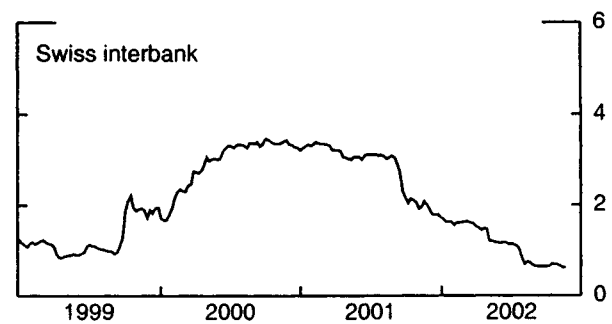
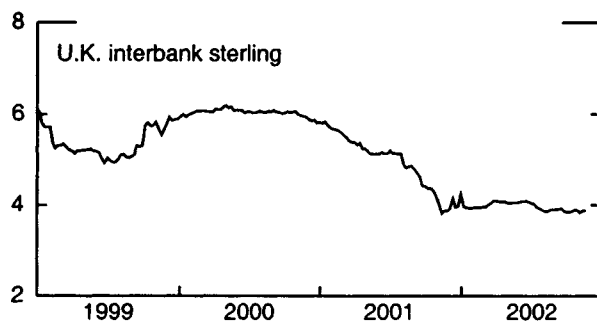
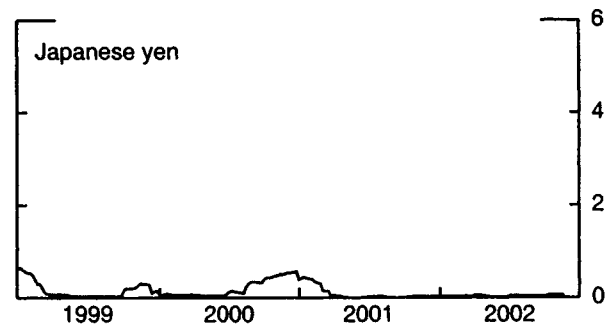
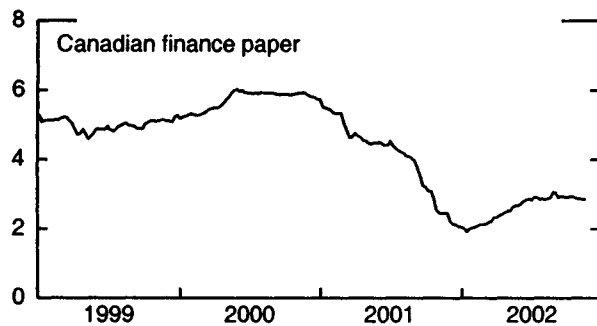
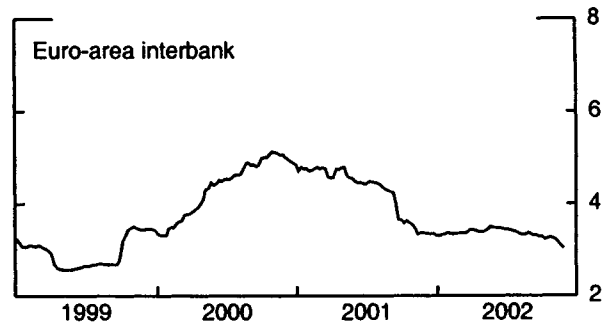
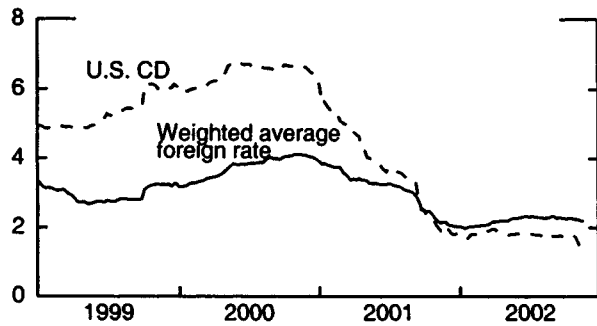


Chart 6

Long-Term Government Bond Yields

(Averages for week ending Wednesday, percent per annum)

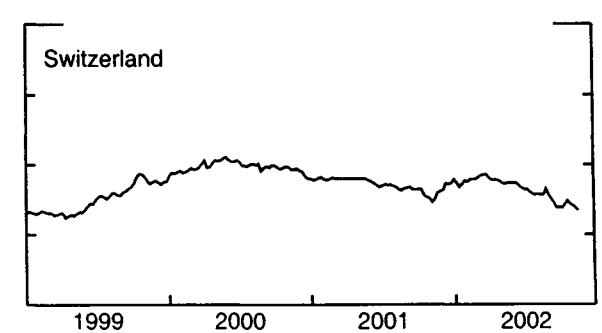
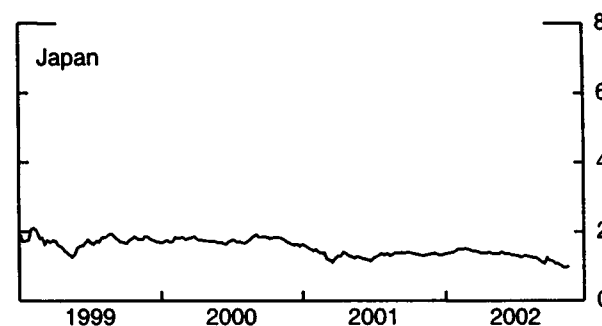
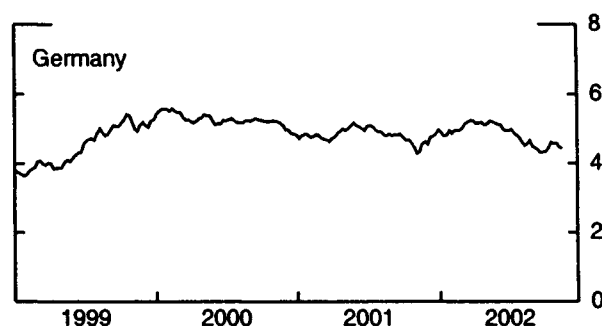
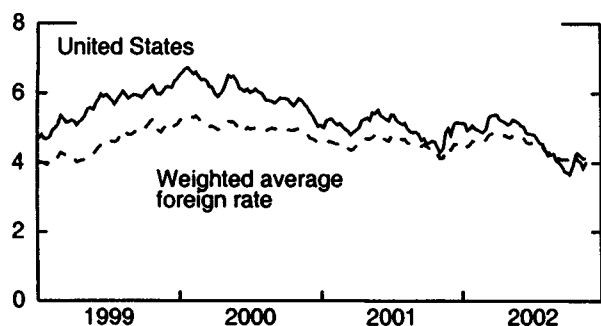
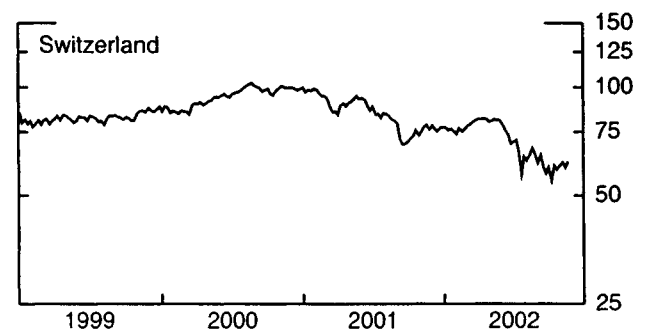
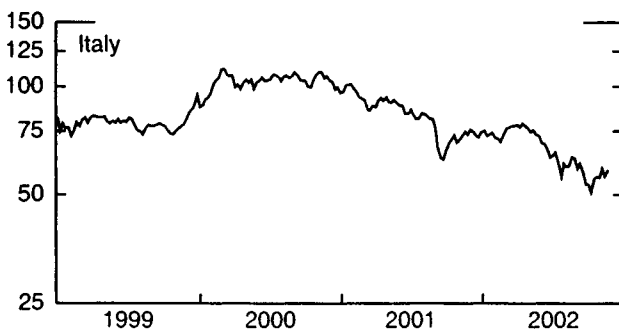
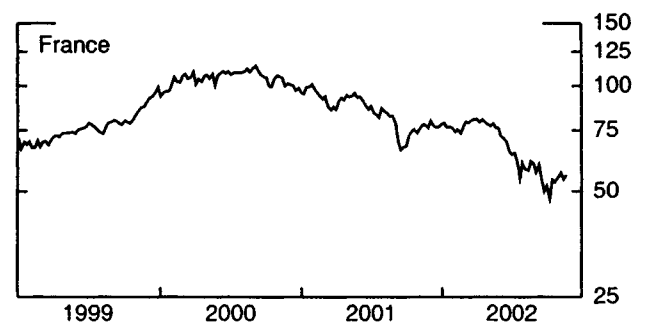
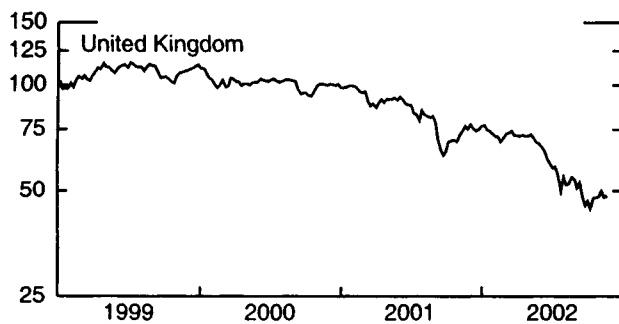
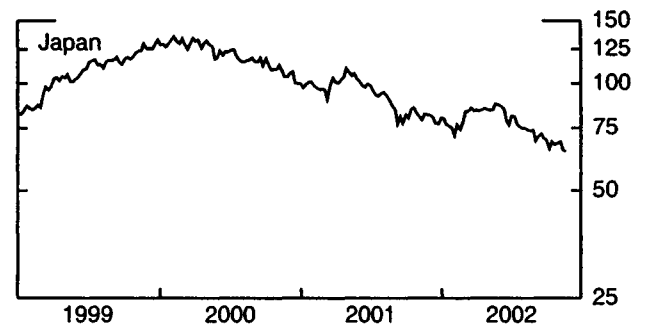
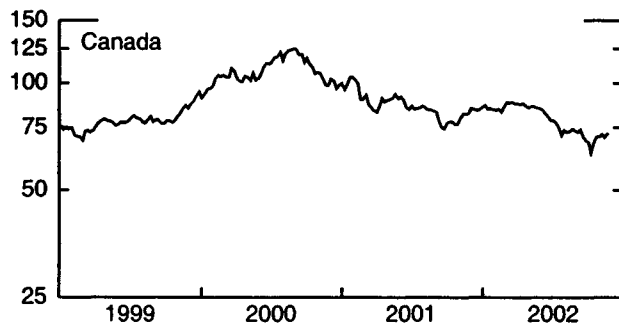
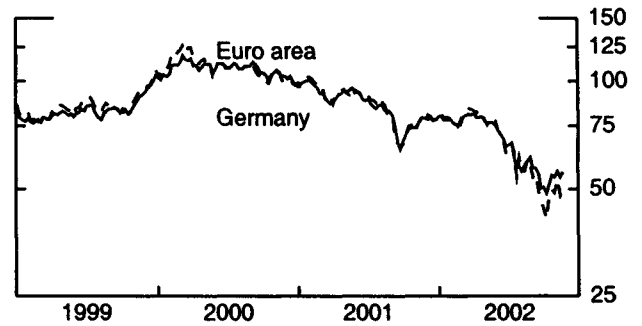
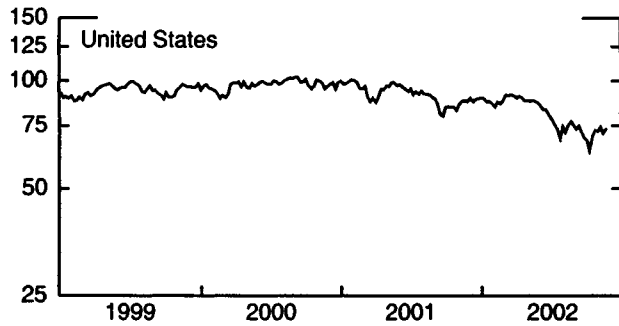


Chart 7

Stock Indexes

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



23-Oct-02 30-Oct-02 6-Nov-02 13-Nov-02 20-Nov-02

Chart 1. Nominal Currency Exchange Values

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

Australian dollar	55.1620	55.5380	55.9660	56.3150	56.1340
Canadian dollar	63.698	63.937	64.184	63.823	63.165
Japanese yen	0.80092	0.80908	0.81772	0.83192	0.82493
Restated German mark and euro	97.42	98.08	99.55	100.99	100.66
Swedish krona	10.6767	10.7714	10.9251	11.1034	11.0868
Swiss franc	66.324	66.917	68.051	68.988	68.599
U.K. pound	154.73	155.53	156.06	158.60	158.00

Indexes, March 1973 base rates = 100

Australian dollar	39.04	39.31	39.61	39.86	39.73
Canadian dollar	63.49	63.73	63.97	63.61	62.96
Japanese yen	209.71	211.84	214.11	217.82	215.99
Restated German mark and euro	140.13	141.06	143.18	145.25	144.78
Swedish krona	47.28	47.70	48.38	49.17	49.10
Swiss franc	213.37	215.28	218.93	221.94	220.69
U.K. pound	62.58	62.91	63.12	64.15	63.90

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

Australian dollar	-3.12	-3.16	-3.28	-3.42	-3.42
Canadian dollar	-1.08	-1.12	-1.26	-1.43	-1.44
Euro	-1.45	-1.54	-1.64	-1.81	-1.70
Japanese yen	1.86	1.79	1.62	1.45	1.48
Swiss franc	1.11	1.05	0.92	0.77	0.74
U.K. pound	-2.12	-2.18	-2.29	-2.55	-2.55

Chart 3. Gold Price in London, Afternoon Fixing

U.S. dollars per fine ounce	312.15	314.16	317.36	321.48	319.00
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Chart 4. Interbank Funding Rates and Official Interest Rates

United States					
Target federal funds rate	1.75	1.75	1.68	1.25	1.25
Effective federal funds	1.72	1.79	1.70	1.21	1.28
Discount rate	1.25	1.25	1.18	0.75	0.75
Canada					
Bank rate	3.00	3.00	3.00	3.00	3.00
Call money	2.74	2.74	2.73	2.73	2.72
Lower bound	2.50	2.50	2.50	2.50	2.50
Euro area					
Marginal lending rate	4.25	4.25	4.25	4.25	4.25
Eonia	3.32	3.29	3.30	3.28	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
Japan					
Call money	0.00	0.00	0.00	0.00	0.00
Discount rate	0.10	0.10	0.10	0.10	0.10
Switzerland*					
Upper bound	1.25	1.25	1.25	1.25	1.25
Libor rate	0.78	0.75	0.74	0.67	0.71
Lower bound	0.25	0.25	0.25	0.25	0.25
United Kingdom					
Call money	4.36	3.90	3.16	3.76	3.88
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.

23-Oct-02 30-Oct-02 6-Nov-02 13-Nov-02 20-Nov-02

Chart 5. 3-Month Interest Rates

U.S. 90-day CD's, secondary market	1.78	1.72	1.57	1.33	1.35
Australian bank bill	4.96	4.89	4.86	4.81	4.82
Canadian finance paper	2.91	2.88	2.87	2.86	2.85
Euro-area interbank	3.28	3.26	3.23	3.17	3.10
Japanese CD	0.05	0.05	0.06	0.06	0.06
Swedish treasury bill	4.34	4.34	4.34	4.34	4.34
Swiss interbank	0.69	0.68	0.66	0.62	0.63
U.K. interbank sterling	3.90	3.90	3.83	3.88	3.90
Weighted average foreign interest rate (Canada, euro area, Japan, United Kingdom, Switzerland, Australia, and Sweden)	2.27	2.25	2.24	2.21	2.20

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

Canada	5.29	5.25	5.14	5.03	5.07
France	4.71	4.68	4.66	4.55	4.53
Germany	4.61	4.58	4.57	4.46	4.45
Italy	4.88	4.84	4.82	4.72	4.70
Japan	1.08	1.05	0.98	0.98	1.01
Switzerland	2.97	2.88	2.82	2.76	2.70
United Kingdom	4.70	4.65	4.62	4.54	4.55
United States	4.21	4.07	4.04	3.85	4.03
Weighted average foreign interest rate (Canada, euro area, Japan, United Kingdom, Switzerland, Australia, and Sweden)	4.32	4.28	4.21	4.12	4.14

Chart 7. Stock Indexes (Wednesday figures)

Canada	70.91	70.86	72.06	70.54	72.68
France	53.34	54.88	57.00	54.15	55.96
Germany	49.77	48.84	53.40	48.09	49.77
Euro area	213.69	210.87	219.05	211.08	217.82
Italy	56.21	55.94	59.07	56.37	58.63
Japan	67.47	67.79	68.81	65.16	64.72
Switzerland	59.10	60.51	62.02	59.93	62.23
United Kingdom	47.85	48.18	50.12	48.11	48.38
United States	72.84	72.38	74.61	71.38	73.75

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