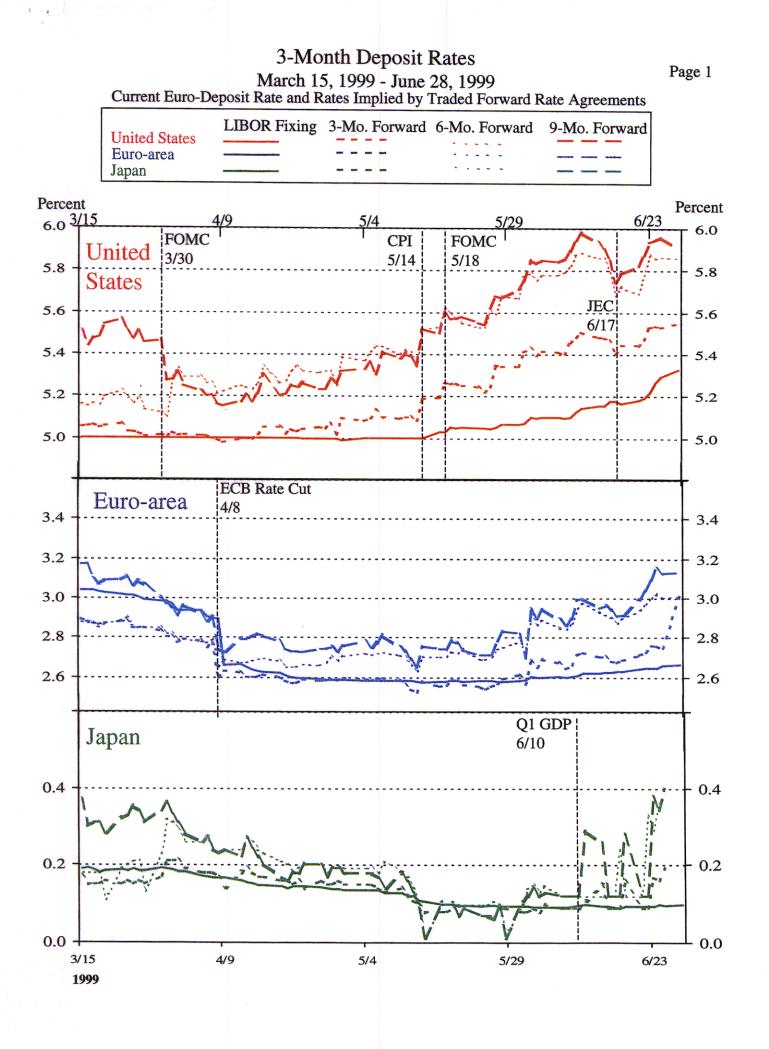
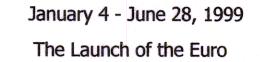
APPENDIX 1

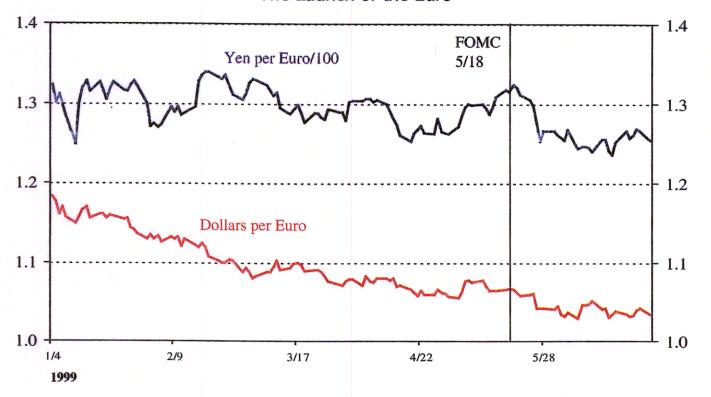
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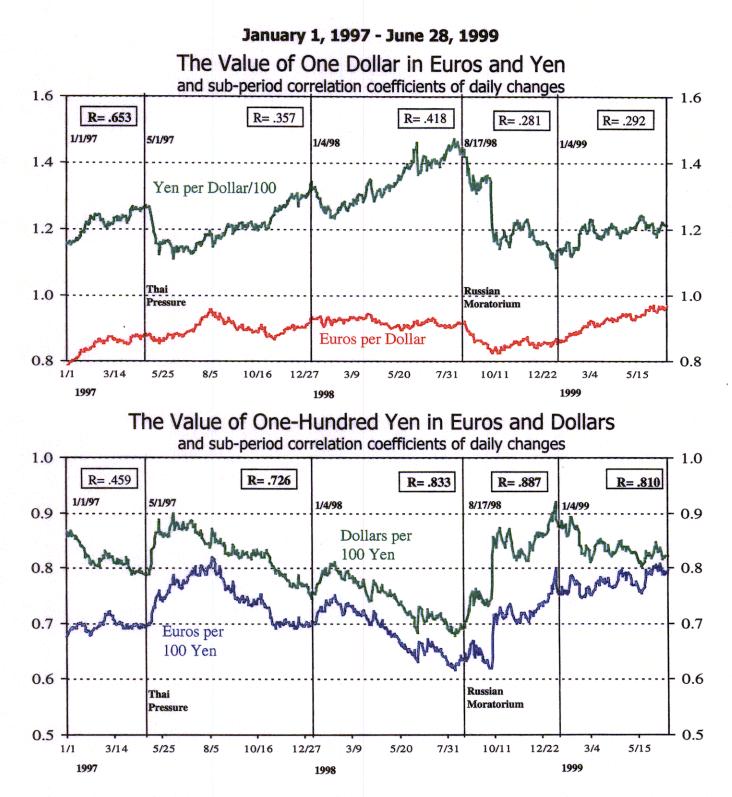
Material used by Mr. Fisher in his presentation





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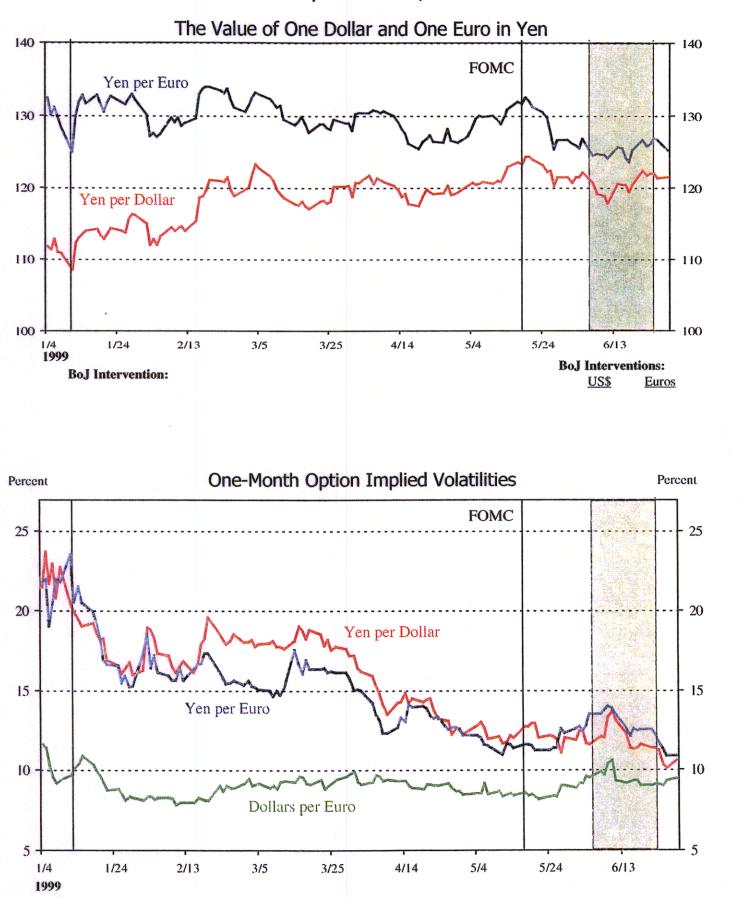




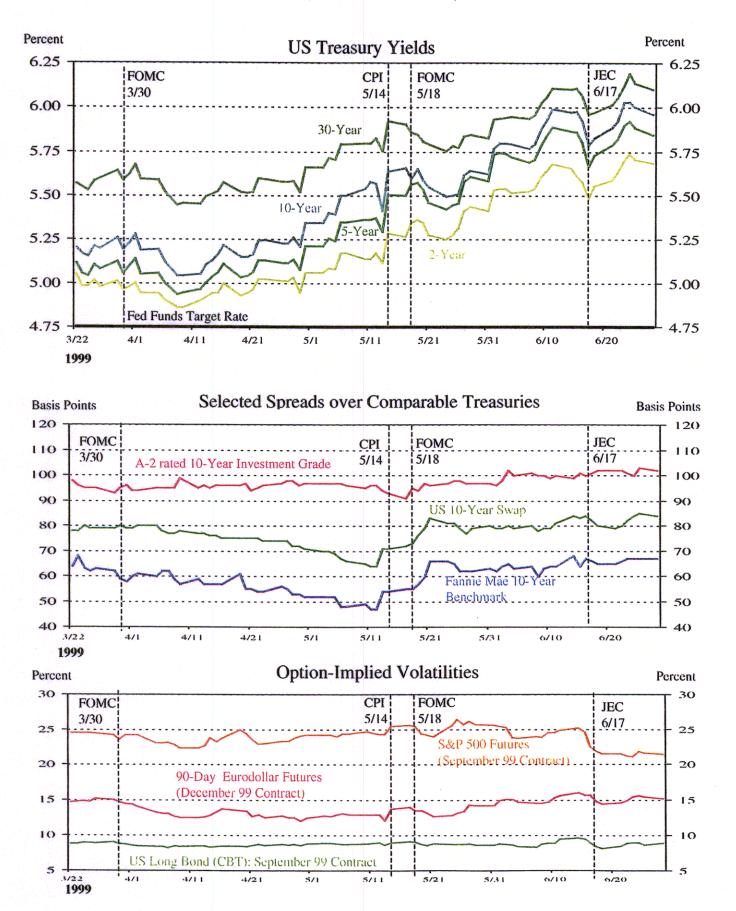
1. The sub-period correlation coefficients in the above graphs were calculated from the natural log of the daily percent changes of the exchange rate pairs in each graph.

2. The euro's synthetic history is derived from the weighted-average performance of the euro's component currencies and is based on a methodology developed by HSBC Markets. The weights of the component currencies reflect the share of a country's exports and imports as a percentage of total intra-Eurozone exports and imports from 1994 to 1996.

January 4 - June 28, 1999

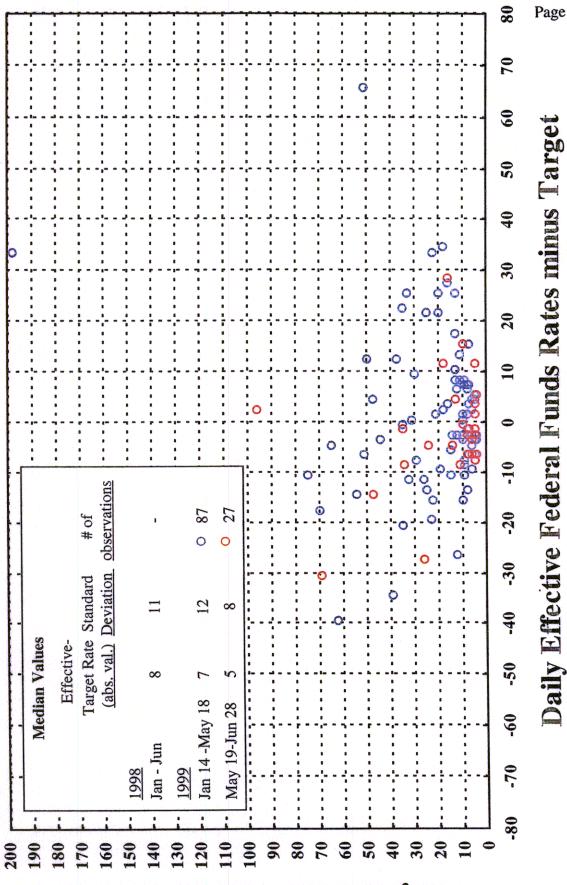


Page 4



Volatility of the Daily Federal Funds Rate

Basis points



Daily Standard Deviation of Rates

Page 6

APPENDIX 2

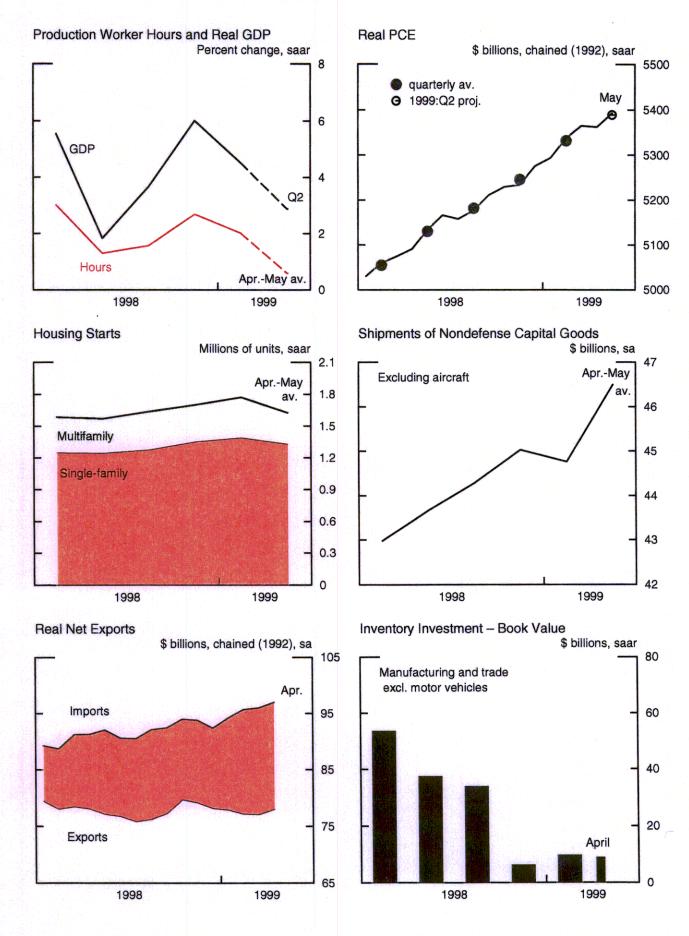
Material used by Mr. Prell and Ms. Johnson in their presentation

Material for

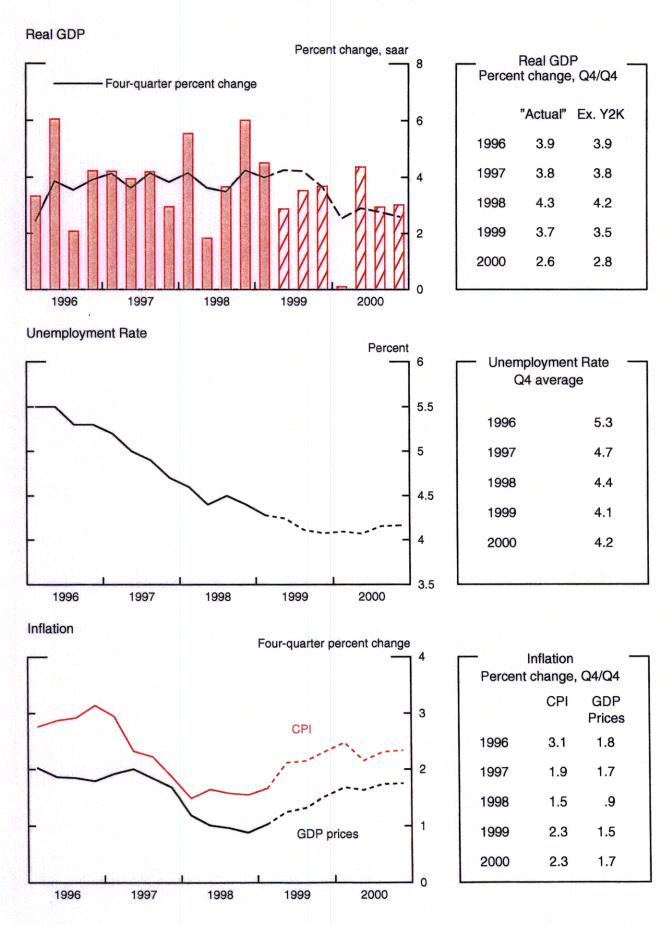
Staff Presentation on the Economic Outlook

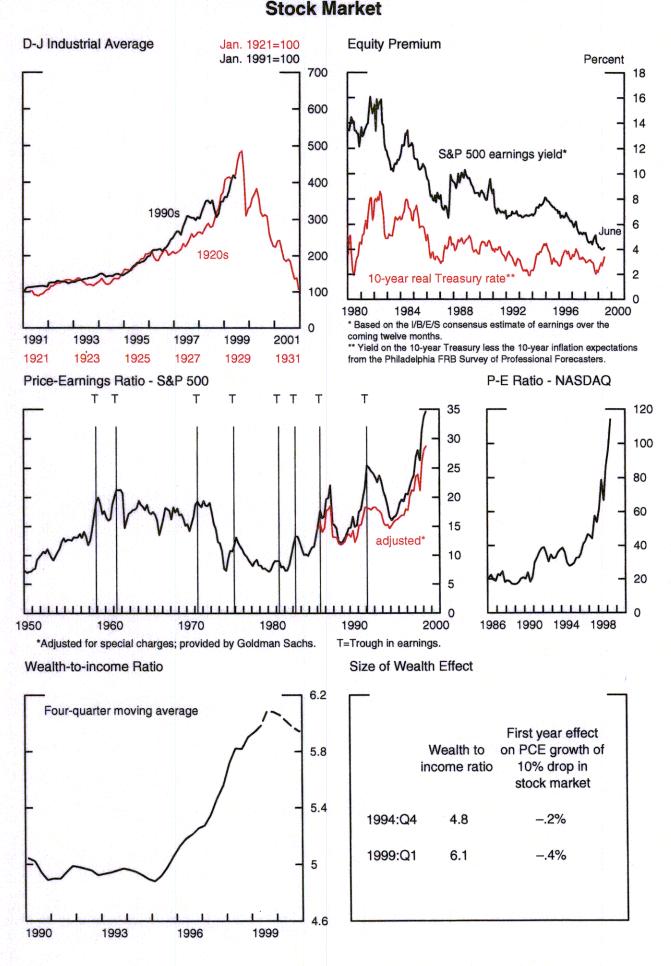
June 29, 1999

Current Quarter Indicators

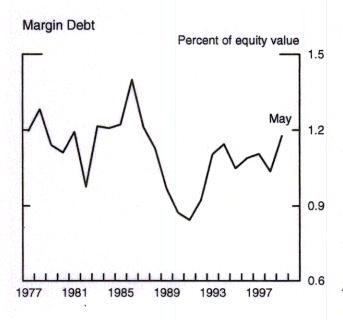


Forecast Summary





Financial Fragility?



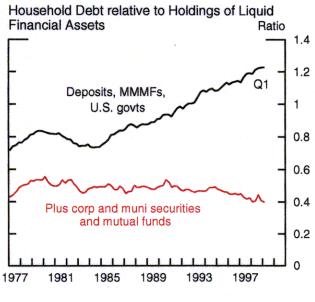
Distribution of Debt across Households (percent of total)

Households		Households with Stock			
without Stock		≥ 50% of income	< 50% of income		
1992	37.9	22.6	39.5		
1995	34.9	27.7	37.4		
1998	25.5	39.1	35.4		

Source: Survey of Consumer Finances.



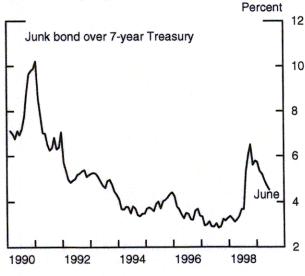
** The average percentage point difference between the tightest capital ratio and the regulatory standard for being well capitalized at well-capitalized banks, weighted by assets.



Debt–Service Payments as a Percent of Income (median ratios)

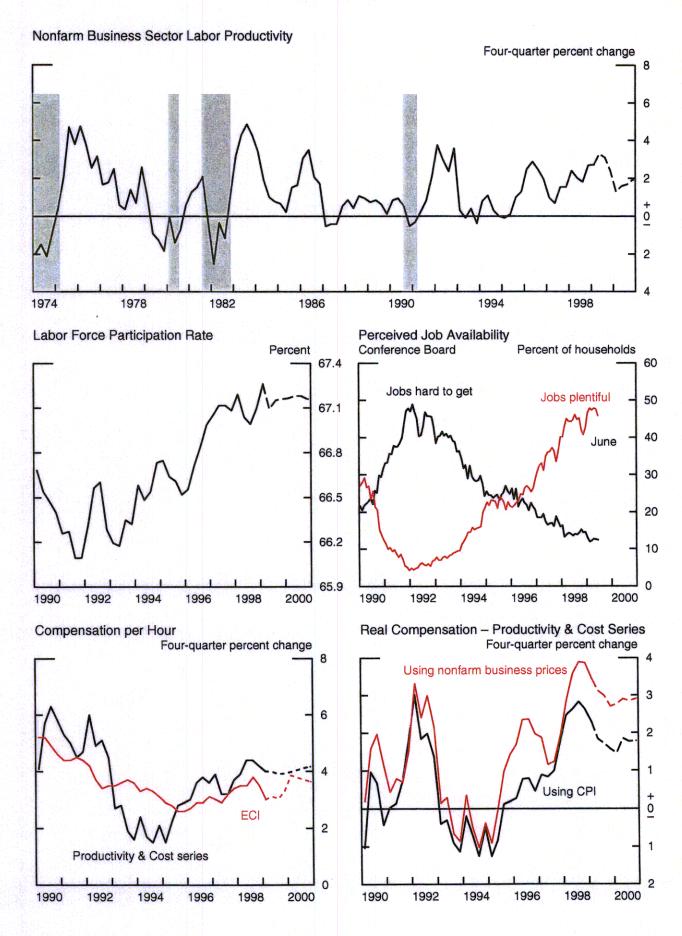
Debtor Households		Debtor Households with Stock			
П	without Stock	≥50% of income	< 50% of income		
1992	15.4	15.1	18.2		
1995	15.5	15.6	17.8		
1998	17.2	17.7	18.3		

Junk Bond Spread

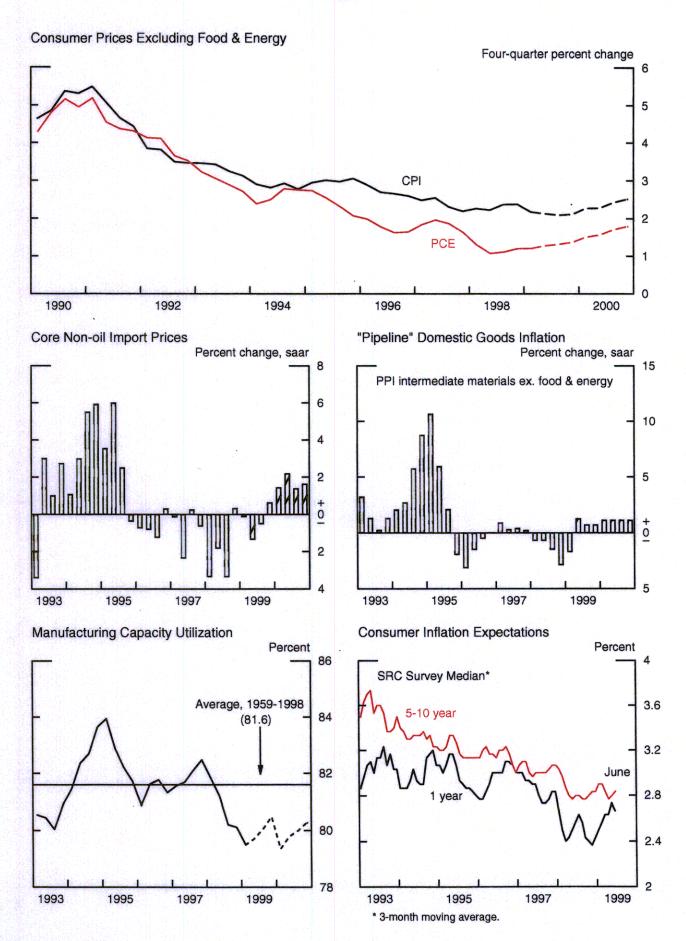




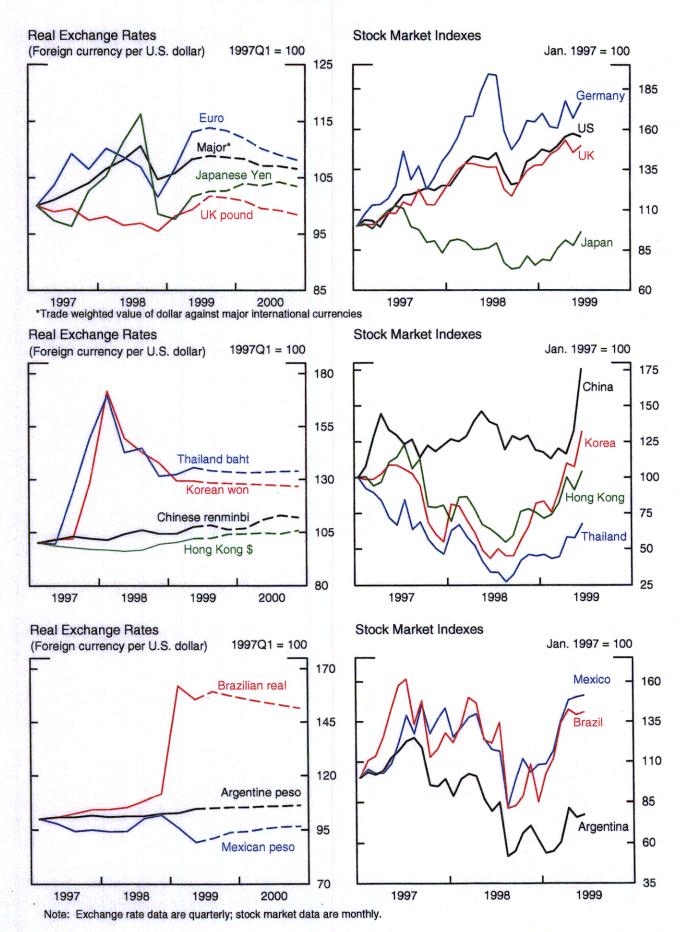
Labor Markets



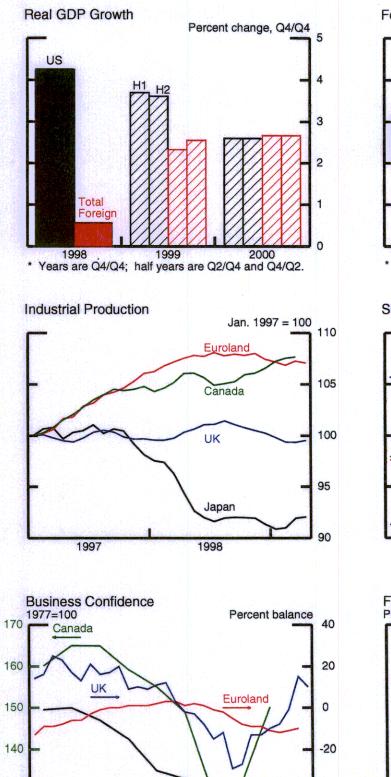
Prices



International Financial Markets



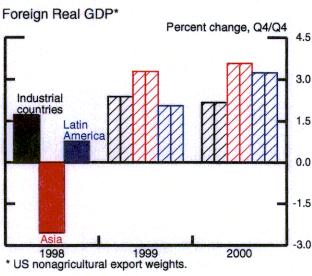
Foreign Outlook

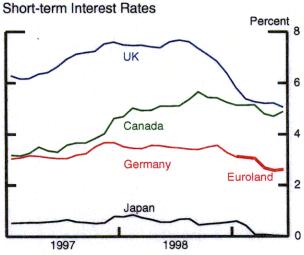


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1997





oreign Growth ercent, saar			
	1998	19	99
		H1	ŀ
Industrial Countries	1.7	2.6	2
Japan	-3.0	2.1	-1

40

-60

Japan

1998

Japan	-3.0	2.1	-1.7	0.4	
Euroland	2.1	1.7	2.5	2.2	
UK	1.1	0.7	2.4	2.2	
Canada	2.8	3.6	3.1	2.7	

2000

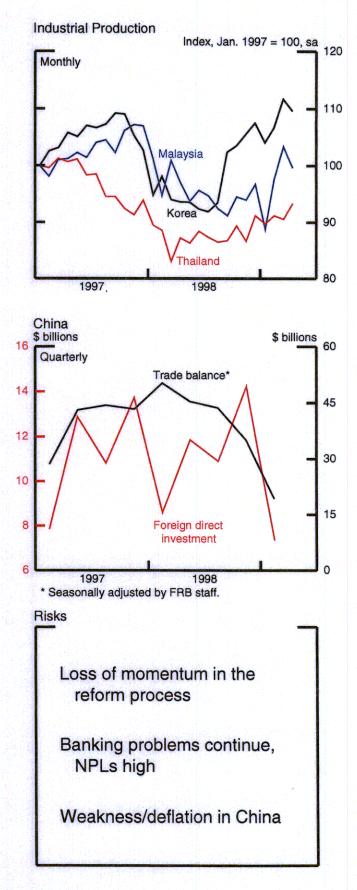
2.1

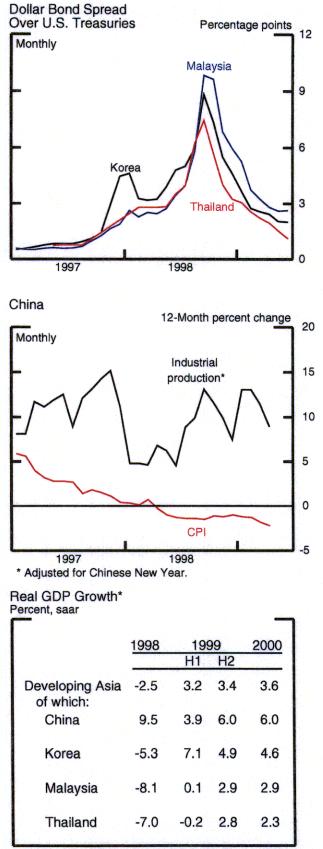
H2

2.1

Years are Q4/Q4; half years are Q2/Q4 and Q4/Q2.

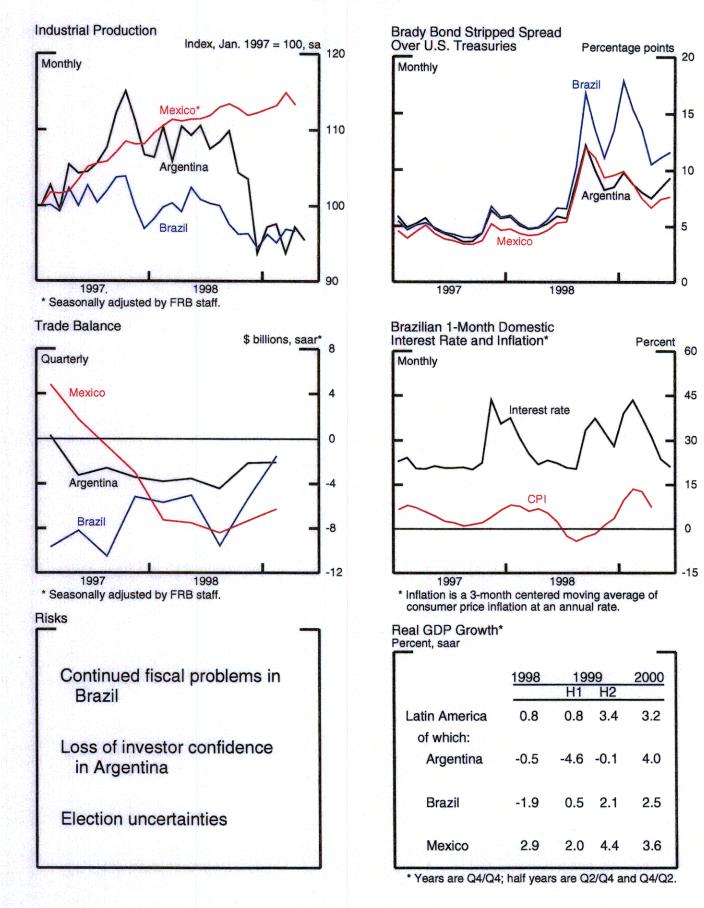




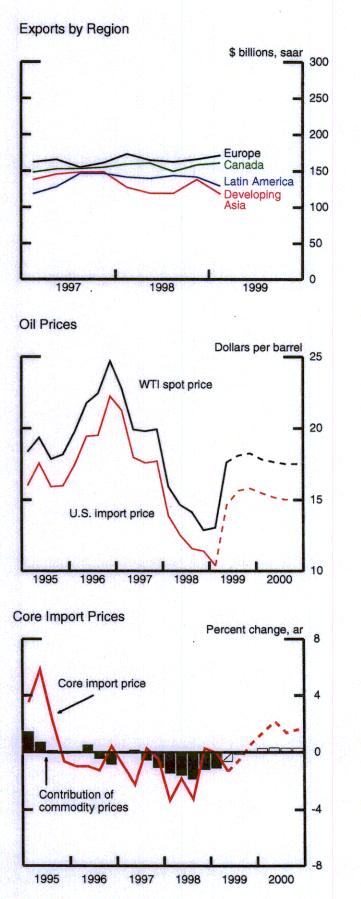


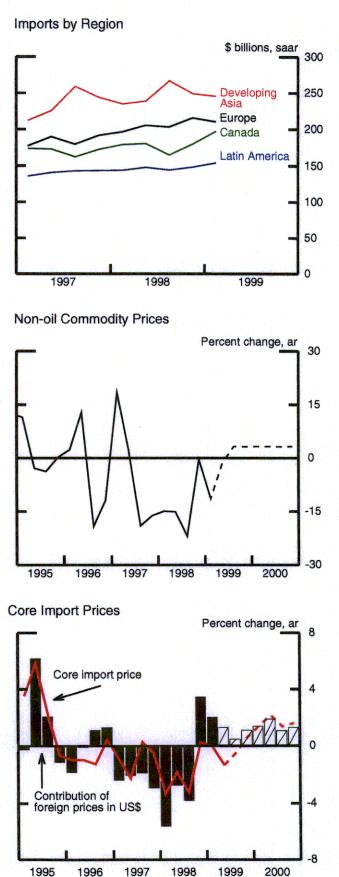
* Years are Q4/Q4; half years are Q2/Q4 and Q4/Q2.

Latin America

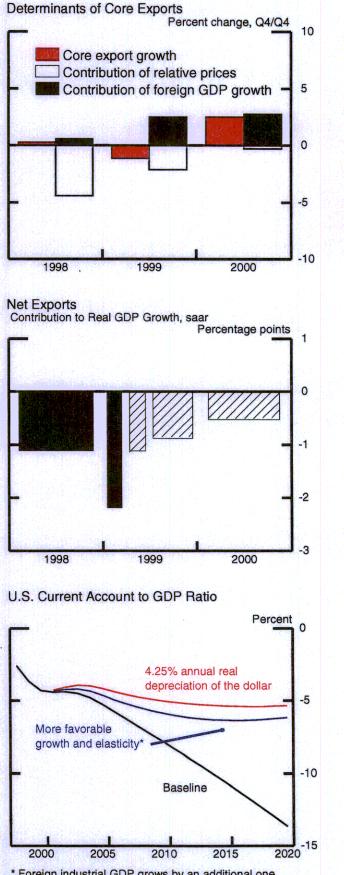




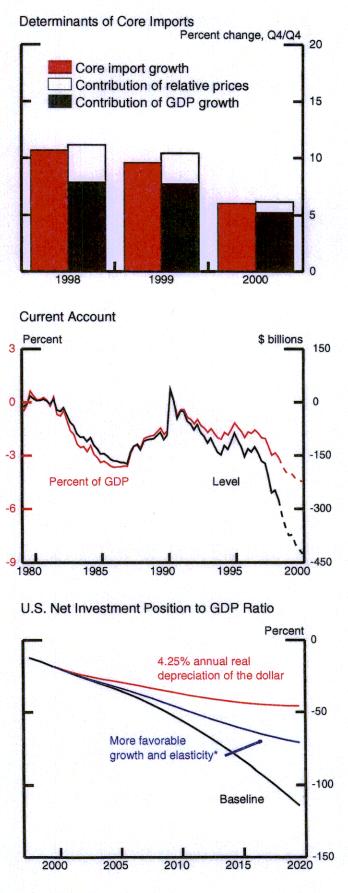




U.S. External Balance



* Foreign industrial GDP grows by an additional one percentage point per year and the U.S. import elasticity declines to 1.5 by 2015.



PROJECTIONS FOR 1999

		FOMC			
	Range with Y2K		Tendency ex Y2K		Administration
		Perc	entage change, Q	4 to Q4	
Nominal GDP	4¾ to 5½	5 to 5½	4¾ to 5½	5.2	4.8
February 1999	(3¾ to 5)	(4 to	o 4½)	(4.1)	(4.0)
Real GDP	3¼ to 4	3½ to 3¾ (2½	3½ to 3¾	3.7	3.2
February 1999	(2 to 3½)		to 3)	(2.6)	(2.0)
CPI	1¾ to 2½	2¼ to 2½	2¼ to 2½	2.3	2.4
February 1999	(1½ to 2½)	(2 to	o 2½)	(2.3)	(2.3)
	A	verage level, Q4,	percent		
Unemployment rate	4 to 4½		4 to 4¼	4.1	4.3
February 1999	(4¼ to 4¾)		to 4½)	(4.3)	(4.9)

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PROJECTIONS FOR 2000

		FOMC			
	Range with Y2K	Central with Y2K	Tendency ex Y2K	Staff with Y2K	Administration
		Perco	entage change, Q4 t	o Q4	
Nominal GDP	3¾ to 5¼	4 to 5	4¼ to 5	4.4	4.2
Real GDP	2 to 3½	2½ to 3	21/2 to 31/2	2.6	2.1
CPI	1½ to 2¾	2 to 2½	2 to 21/2	2.3	2.4
	A	verage level, Q4,	percent		
Unemployment rate	4 to 4-1/2	4¼ to 4½	4¼ to 4½	4.2	4.7

APPENDIX 3

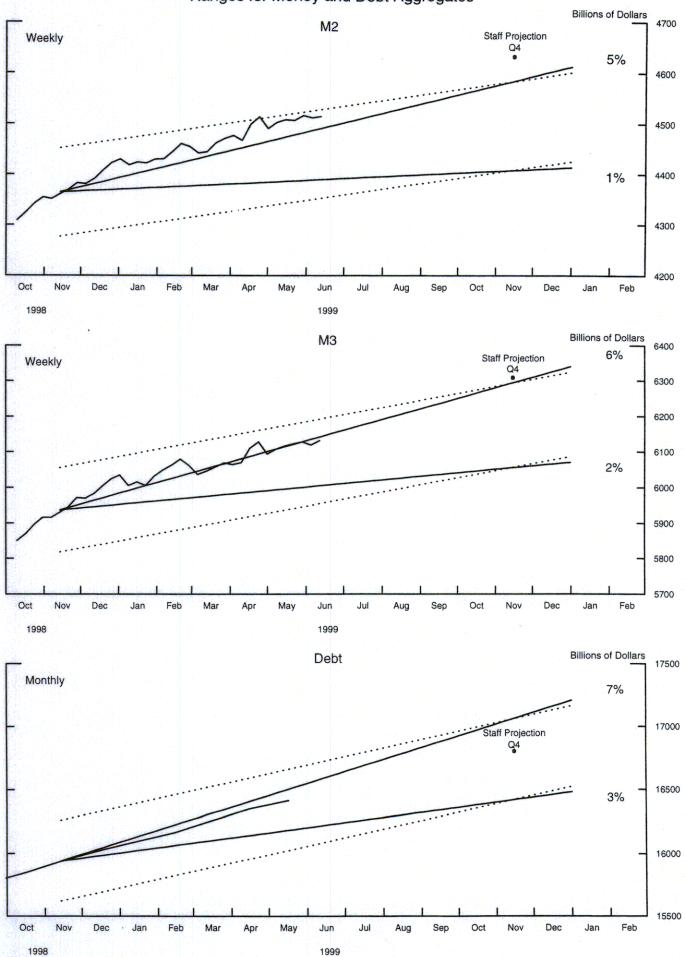
Material used by Mr. Madigan in his presentation

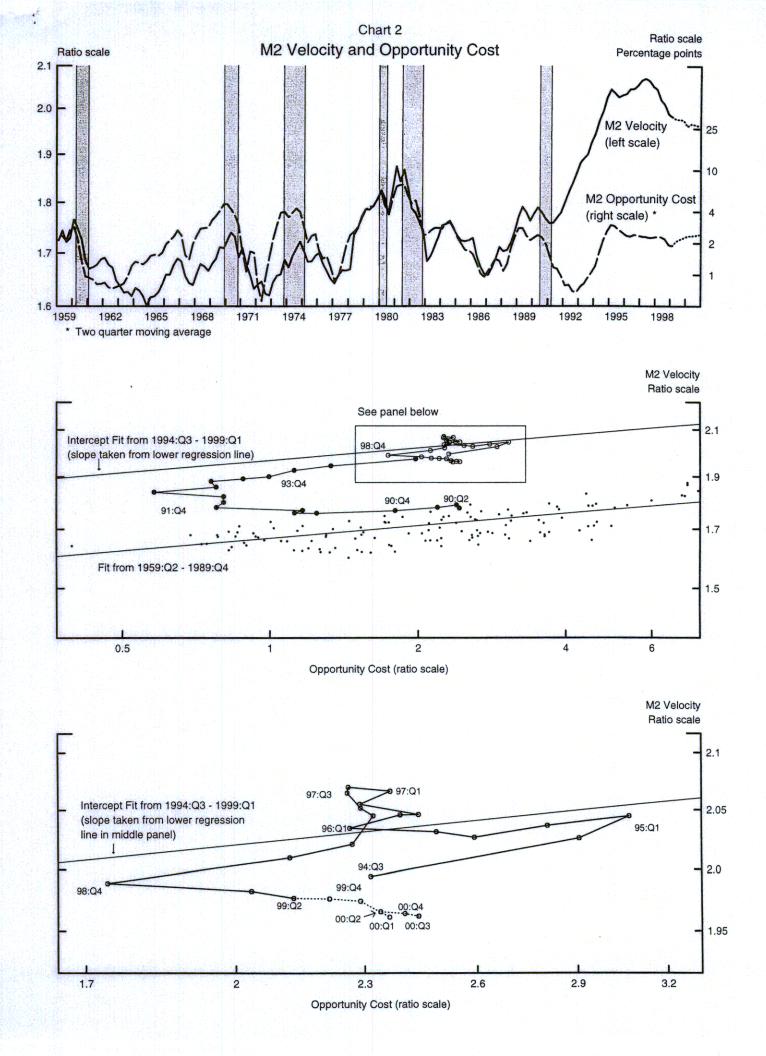
Material for

Staff Presentation on Money and Debt Ranges

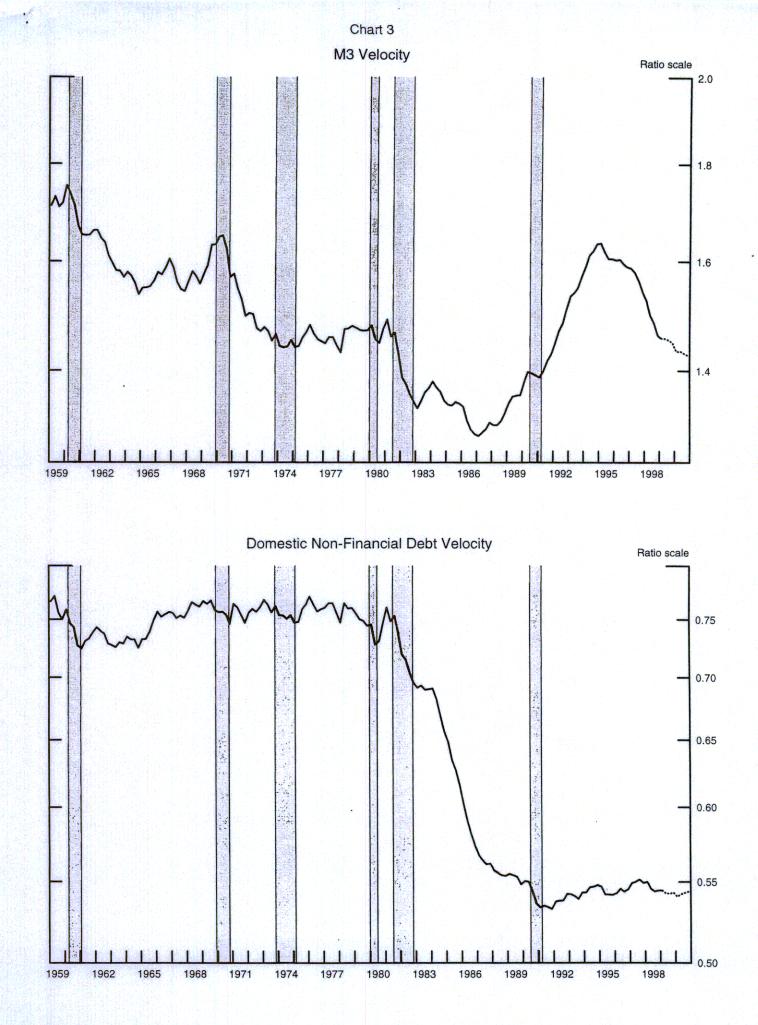
June 28-29, 1999

Chart 1 Ranges for Money and Debt Aggregates





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	Table 1
Staff Projections	of Money and Debt Growth
	(percent)

nd e

	1998 (Actual)	1998:Q4-1999:Q2 (Est./Proj.)	1999 (Projected)	2000 (Projected)
M2	8.5	6.5	6	5
M3	10.9	6.1	6-1/4	6
Debt	6.1	6.0	5-1/2	4-1/4
Memo: Nominal GDP	5.2	5.4	5-1/4	4-1/2

	Table 2
Staff Projections	and Alternative Money and Debt Ranges
	(Q4 to Q4, percent)

	Staff Projections		Alternative I		Alternative II	
	1999	2000	1999 (current)	2000	1999	2000
M2	6	5	1 to 5	1 to 5	2 to 6	2 to 6
M3	6-1/4	6	2 to 6	2 to 6	3 to 7	3 to 7
Debt	5-1/2	4-1/4	3 to 7	2 to 6	3 to 7	2 to 6