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# MONETARY AGGREGATES AND MONEY MARKET CONDITIONS

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Prepared for the Federal Open Market Committee

By the staff Board of Governors of the Federal Reserve System

November 12, 1976

MONETARY AGGREGATES AND  
MONEY MARKET CONDITIONS

Recent developments

(1)  $M_1$  grew at a 14.5 per cent annual rate in October, after remaining essentially unchanged in September. In November  $M_1$  growth appears to be moderating significantly, however, and for the October-November period it is now projected at a 9.5 per cent annual rate--some-what above the upper end of the Committee's 5-9 per cent operating range. With time and savings deposit inflows at commercial banks also running stronger than anticipated,  $M_2$  is expected to grow at a 14.1 per cent annual rate in the October-November period, also above the upper limit of its 2-month range. Growth of deposits at nonbank thrift institutions also remained rapid during October, though less so than in the third quarter. As a result of the increased demand for reserves associated with the strength in demand and time deposits, nonborrowed reserves appear to be increasing at an 8.7 per cent annual rate in the October-November period--a considerably more rapid pace than over the preceding months of the year.<sup>1/</sup>

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<sup>1/</sup> Appendix A contains a discussion of the actual behavior of nonborrowed reserves in the weeks between the October and November meetings relative to the behavior that was expected to be consistent with the Committee's short-run ranges for monetary growth.

Growth in Monetary Aggregates  
over October-November Period  
(SAAR in per cent)

	<u>Ranges</u>	<u>Latest Estimates</u>
M <sub>1</sub>	5 to 9	9.6
M <sub>2</sub>	9 to 13	14.1
Memo:		
Federal funds rate (Per cent per annum)		<u>Avg. for statement week ending</u>
		Oct. 20      4.97
		27      4.99
		Nov. 3        5.06
		10      4.98

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(2) Shortly after the October FOMC meeting, incoming data suggested that growth in M<sub>1</sub> and M<sub>2</sub> would be at the upper limits of the Committee's ranges. In these circumstances it appeared likely that the immediate reduction in the funds rate objective contemplated by the FOMC at its October meeting would have to be quickly reversed. The Chairman, therefore, recommended--and a majority of the members concurred--that the Desk continue aiming for a Federal funds rate at about the prevailing level of 5 per cent. In the following week, with additional data suggesting continued strength in the aggregates, the Chairman advised the Desk that an increase in the funds rate would be inconsistent with the Committee's intentions.

(3) Interest rates have fluctuated within a narrow range since the October Committee meeting. Most market rates edged upwards, as market expectations of an immediate further decline in the Federal funds rate were apparently dissipated early in the intermeeting period by published weekly data suggesting that the monetary aggregates would grow substantially in October. In lagged response to earlier declines in market

yields, however, the bank prime rate was reduced  $\frac{1}{2}$  of a point to  $6\frac{1}{2}$  per cent. In the mortgage market, the FNMA auction yield and interest rates on conventional home mortgages reported by savings and loan associations have declined somewhat in recent weeks. Stock prices have fallen significantly further since the October FOMC meeting.

(4) Corporate demands for long term credit, after being very strong through much of October, have been moderating recently, but the volume of new tax exempt bond offerings has remained quite high. The Treasury has also been an active borrower over the period since the October FOMC meeting, raising \$1.3 billion of new money through the sale of 2-year notes in late October and \$2.5 billion in connection with its mid-November refunding. In the refunding, the Treasury auctioned \$3.3 billion of 3-year notes at an average rate of 6.36 per cent, \$2.2 billion of 7-year notes at an average rate of 7.02 per cent and \$1.0 billion of a reopened  $23\frac{1}{2}$  year bond at an average rate of 7.79 per cent. These issues have most recently been trading around their auction averages. Dealers have made fairly good progress in distributing the large awards they received in the auctions.

(5) The table on the following page shows (in terms of percentage annual rates of change) related monetary and financial flows over various time periods.

	Calendar Year	Twelve Months	Past Six Months	Past Three Months	Past Month
	1975	Oct. '76 over Oct. '75	Oct. '76 over Apr. '76	Oct. '76 over July '76	Oct. '76 over Sept. '76
Nonborrowed reserves	1.3	1.0	2.5	1.7	3.5
Total reserves	-.4	0.7	2.8	1.2	4.6
Monetary Base	5.8	7.0	6.3	6.0	7.1
<u>Concepts of Money</u> (Revised Series)					
M <sub>1</sub> (currency plus demand deposits) <u>1/</u>	4.1	5.7	5.4	6.7	14.5
M <sub>2</sub> (M <sub>1</sub> plus time deposits at commercial banks other than large CD's)	8.5	10.7	10.2	11.6	15.9
M <sub>3</sub> (M <sub>2</sub> plus deposits at thrift institutions)	11.3	12.6	12.6	14.3	16.4
M <sub>4</sub> (M <sub>2</sub> plus CD's)	6.4	6.9	6.7	6.7	14.0
M <sub>5</sub> (M <sub>3</sub> plus CD's)	9.7	10.1	10.3	11.1	15.2
<u>Bank Credit</u>					
Total member bank deposits (bank credit proxy adj.)	3.9	4.1	4.4	4.0	12.1
Loans and investments of commercial banks <u>2/</u>	4.4	6.0	6.9	8.8	12.2
<u>Short-term Market Paper</u> (Monthly average change in billions)					
Large CD's	-.6	-1.6	-1.6	-2.5	-0.4
Nonbank commercial paper	-.2	0.1	-.1	-.5	-.2

1/ Other than interbank and U.S. Government.

2/ Based on month-end figures. Includes loans sold to affiliates and branches.

NOTE: All items are based on averages of daily figures, except for data on total loans and investments of commercial banks, commercial paper, and thrift institutions--which are derived from either end-of-month or last Wednesday-of-month figures. Growth rates for reserve measures in this and subsequent tables are adjusted to remove the effect of discontinuities from breaks in the series when reserve requirements are changed.

Prospective developments

(6) Summarized below are three alternative sets of short-run specifications for the monetary aggregates and the Federal funds rate. More detailed data, including longer-run growth rates, are shown in the tables on pp. 5a and 5b.

	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>
Ranges for November-December			
M <sub>1</sub>	3-7	2½-6½	2-6
M <sub>2</sub>	10-14	9½-13½	8½-12½
Federal funds rate (Intermeeting period)	4-5	4½-5½	5-6

(7) Each of the alternatives presented is believed to be generally consistent with the longer-run ranges for the aggregates covering the QIII '76-QIII '77 period adopted by the Committee at the November 8 telephone meeting. But each of the shorter-run alternatives implies a different pattern of interest rates and of money growth rates within the QIII '76-QIII '77 period, as summarized in the following table.<sup>1/</sup>

	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>
QIII '76-QI '77			
Growth in M <sub>1</sub>	6½	6	5½
Average funds rate	4-7/8	5-1/8	5-3/8
QI '77-QIII '77			
Growth in M <sub>1</sub>	4½	4¾	5
Average funds rate	6-1/8	5-7/8	5½

<sup>1/</sup> The projected quarterly patterns of the funds rate over the next year are shown in Appendix table II.

Alternative Levels and Growth Rates for Key Monetary Aggregates

		<u>M<sub>1</sub></u>			<u>M<sub>2</sub></u>			<u>M<sub>3</sub></u>		
		<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>
1976	October	310.0	310.0	310.0	725.9	725.9	725.9	1211.7	1211.7	1211.7
	November	311.2	311.2	311.2	733.6	733.2	732.9	1225.6	1225.1	1224.6
	December	312.5	312.3	312.1	740.8	740.1	738.8	1239.6	1238.1	1236.2
1976	QIII	305.9	305.9	305.9	710.9	710.9	710.9	1182.5	1182.5	1182.5
	QIV	311.2	311.2	311.1	733.4	733.1	732.5	1225.6	1225.0	1224.2
1977	QI	315.5	315.3	314.7	754.0	752.3	750.3	1265.0	1261.9	1258.7
	QII	319.6	319.1	318.6	771.0	768.4	767.1	1297.7	1292.7	1291.3
	QIII	322.8	322.8	322.8	783.6	783.0	783.7	1322.4	1320.7	1323.4
<u>Growth Rates</u>										
<u>Monthly:</u>										
1976	November	4.6	4.6	4.6	12.7	12.1	11.6	13.8	13.3	12.8
	December	5.0	4.2	3.5	11.6	11.3	9.7	13.7	12.7	11.4
<u>Quarterly Average:</u>										
1976	QIV	6.9	6.9	6.8	12.7	12.5	12.2	14.6	14.4	14.1
1977	QI	5.5	5.3	4.6	11.2	10.5	9.7	12.9	12.0	11.3
	QII	5.2	4.8	5.0	9.0	8.6	9.0	10.3	9.8	10.4
	QIII	4.0	4.6	5.3	6.5	7.6	8.7	7.6	8.7	9.9
<u>Semi-annual</u>										
	QIII '76-QI '77	6.3	6.1	5.8	12.1	11.6	11.1	14.0	13.4	12.9
	QI '77-QIII '77	4.6	4.8	5.1	7.9	8.2	8.9	9.1	9.3	10.3
<u>Annual</u>										
	QIII '76-QIII '77	5.5	5.5	5.5	10.2	10.1	10.2	11.8	11.7	11.9
<u>FOMC Longer-run Range</u>										
	QIII '76-QIII '77	4½-6½			7½-10			9-11½		

Alternative Levels and Growth Rates for Key Monetary Aggregates (cont'd)

		<u>M<sub>4</sub></u>			<u>M<sub>5</sub></u>			<u>Credit Proxy</u>		
		<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>
1976	October	787.9	787.9	787.9	1273.7	1273.7	1273.7	528.8	528.8	528.8
	November	794.5	794.1	793.8	1286.6	1286.0	1285.5	533.0	532.7	532.5
	December	801.3	800.3	799.4	1299.8	1298.2	1296.7	535.0	534.2	533.8
1976	QIII	776.3	776.3	776.3	1248.0	1248.0	1248.0	523.2	523.2	523.2
	QIV	794.6	794.1	793.7	1286.7	1286.0	1285.3	532.3	531.9	531.7
1977	QI	813.7	812.1	810.8	1324.7	1321.7	1319.2	540.9	539.9	539.2
	QII	831.6	829.8	828.5	1358.2	1354.0	1352.8	553.0	552.0	551.2
	QIII	846.7	846.5	846.8	1385.5	1384.1	1386.5	564.5	564.5	564.6
<u>Growth Rates</u>										
Monthly:										
1976	November	10.1	9.4	9.0	12.2	11.6	11.1	9.5	8.9	8.4
	December	10.3	9.4	8.5	12.3	11.4	10.5	4.5	3.4	2.9
Quarterly Averages:										
1976	QIV	9.4	9.2	9.0	12.4	12.2	12.0	7.0	6.7	6.5
1977	QI	9.6	9.1	8.6	11.8	11.1	10.6	6.5	6.0	5.6
	QII	8.8	8.7	8.7	10.1	9.8	10.2	8.9	9.0	8.9
	QIII	7.3	8.1	8.8	8.0	8.9	10.0	8.3	9.1	9.7
<u>Semi-annual</u>										
	QIII '76-QI '77	9.6	9.2	8.9	12.3	11.8	11.4	6.8	6.4	6.1
	QI '77-QIII '77	8.1	8.5	8.9	9.2	9.4	10.2	8.7	9.1	9.4
<u>Annual</u>										
	QIII '76-QIII '77	9.1	9.0	9.1	11.0	10.9	11.1	7.9	7.9	7.9

(8) Alternative A involves an easing in money market conditions over the next few weeks--with the funds rate moving down to the mid-point of a 4-5 per cent range. However, assuming the staff's projection of the rate of expansion in nominal GNP over the next year is correct, interest rates would not be expected to decline for long and would probably soon have to begin rising if  $M_1$  growth over the QIII '76-QIII '77 period were to be kept to around  $5\frac{1}{2}$  per cent (the mid-point of the Committee's longer-run range of  $4\frac{1}{2}$ - $6\frac{1}{2}$  per cent). On balance, money market conditions would be somewhat easier and monetary growth rates somewhat more rapid over the next six months under alternative A than under alternatives B or C. On the other hand, alternative A would involve greater monetary restraint in the second six months of the QIII '76-QIII '77 period.

(9) Alternative B involves maintenance of the Federal funds rate at around 5 per cent over the next few weeks. We have also assumed that credit and money demands would not begin to exert significant upward pressures on the rate until around the middle of the first quarter of 1977. Moreover, because alternative B--in contrast to alternative A--does not involve any additional stimulation over the near term, not as much monetary restraint would be required in the spring and summer of next year to attain a one-year growth rate of  $5\frac{1}{2}$  per cent in  $M_1$ . As a result, the funds rate would rise less than under alternative A.

(10) Alternative C involves a tightening in the money market over the next few weeks, with the funds rate rising to around  $5\frac{1}{2}$  per cent by the time of the next Committee meeting. With such an early effort to

restrain growth in the aggregates, we would expect that little, if any, further tightening would be required later.

(11) In general, under all three alternatives, the staff foresees less upward pressure on interest rates than it had earlier. Transactions needs for money are expected to be lower than thought earlier because the staff's projection of nominal GNP over the next year has been further reduced. Also, of course, financial innovations of the past year or two are expected to continue to reduce the demand for  $M_1$  over the coming year.

(12) If our assessment of the interest rate outlook is correct, it appears likely that growth in  $M_2$  and  $M_3$  over the QIII '76-QIII '77 period under any of the three alternatives may be at, or a shade above, the upper ends of the  $7\frac{1}{2}$ -10 and  $9$ - $11\frac{1}{2}$  per cent ranges adopted for them by the Committee. In making these estimates, we have assumed no substantial near-term efforts by banks and thrift institutions to discourage recent large inflows of time and savings deposits (other than large CD's) by lowering offering rates on time certificates or by other means. If such efforts develop, or if upward market interest rate pressures turn out to be stronger than expected, growth in  $M_2$  and  $M_3$  would be more likely to fall within the Committee's ranges.

(13) Under any of the alternatives presented, we expect  $M_1$  growth over the November-December period to be modest. Assuming unchanged money market conditions over the next few weeks, as under alternative B,  $M_1$  may expand in a  $2\frac{1}{2}$ - $6\frac{1}{2}$  per cent annual rate range during the 2-month period. Incoming data for early November suggest a sharp deceleration in growth during the current month from the unusually high October rate

Moreover, growth is unlikely to strengthen in December, given the sluggish expansion in economic activity now expected in the fourth quarter. If the mid-point of the  $2\frac{1}{2}$ - $6\frac{1}{2}$  per cent November-December range is realized, growth in  $M_1$  from the third to the fourth quarter would be at almost a 7 per cent annual rate.

(14) Expansion in  $M_2$  is expected to be quite sizable in November and December. Recent data suggest that net inflows of time and savings deposits (other than large CD's) at banks are continuing at around the rapid September-October pace. Interest rates on such deposits are expected to remain attractive over the weeks ahead as competing market interest rates remain relatively low, especially under alternatives A and B. With the unchanged money market conditions of alternative B, growth for  $M_2$  during November-December may be in a  $9\frac{1}{2}$ - $13\frac{1}{2}$  per cent annual rate range--the mid-point of which is above the upper limit of the Committee's longer-run range. (The mid-point of the 2-month  $M_1$  growth band, on the other hand, is at the lower limit of its longer-run range). The tightening of money market conditions contemplated under alternative C may reduce the 2-month  $M_2$  growth rate to an  $8\frac{1}{2}$ - $12\frac{1}{2}$  per cent range.

(15) Credit demands are not expected to be particularly strong between now and year-end. Neither information from the banking community nor underlying economic forces suggest that business loan growth at banks will be as large in the weeks ahead as it was in October, when there was a surge in loan growth. Corporate demands on capital markets--particularly the public bond market--seem to be in process of moderating, but a large volume of foreign bond offerings is scheduled over the next few weeks.

The Treasury will probably raise \$5 to \$7 billion of new cash in the market between now and year-end, but borrowing of this size has probably already been discounted in the market.

(16) Thus, if the funds rate over the next few weeks stays around its currently prevailing level of 5 per cent, market interest rates generally are not likely to be under any upward pressure from the demand side. If incoming economic data remain weak and expectations of a further easing in monetary policy once again develop, interest rates might edge down. And if the Federal funds rate should decline over the next few weeks by about  $\frac{1}{2}$  percentage point, short-term rates may well drop substantially, with the 3-month bill rate perhaps falling to around  $4\frac{1}{2}$  per cent. Expectations of a discount rate decline would become more widespread. Downward pressures on institutional rates--such as the prime loan rate and primary mortgage market rates--would intensify. On the other hand, if the Federal funds rate were to rise by about  $\frac{1}{2}$  percentage point, there might be very considerable upward market rate adjustments in the short run--particularly in the U.S. Government securities market, where dealer positions are currently very large.

Proposed directive

(17) Given below is a proposed operational paragraph for the directive if the Committee wishes to continue formulating its instructions in terms of desired growth in monetary aggregates over the months ahead. No alternatives are presented for this formulation, in the expectation that the reference to desired growth will be taken to apply to the longer-term targets and that at this meeting the Committee will not reconsider those targets.

"Monetary Aggregates" Proposal

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to achieve bank reserve and money market conditions consistent with moderate growth in monetary aggregates over the period ahead.

(18) Should the Committee desire to place main emphasis on bank reserve and money market conditions, the language needed would depend on the specific conditions sought. Three alternative "money market" directives intended to correspond to the similarly lettered policy alternatives are given below.

Alternative "Money Market" Proposals

Alternative A

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to achieve SOMEWHAT EASIER bank reserve and money market conditions

~~consistent-with-moderate-growth-in-monetary-aggregates~~ over the period IMMEDIATELY ahead, PROVIDED THAT MONETARY AGGREGATES APPEAR TO BE GROWING AT ABOUT THE RATES CURRENTLY EXPECTED.

Alternative B

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to ~~achieve~~ MAINTAIN PREVAILING bank reserve and money market conditions ~~consistent-with-moderate-growth-in-monetary-aggregates~~ over the period IMMEDIATELY ahead, PROVIDED THAT MONETARY AGGREGATES APPEAR TO BE GROWING AT ABOUT THE RATES CURRENTLY EXPECTED.

Alternative C

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to achieve SOMEWHAT FIRMER bank reserve and money market conditions ~~consistent-with-moderate-growth-in-monetary-aggregates~~ over the period IMMEDIATELY ahead, PROVIDED THAT MONETARY AGGREGATES APPEAR TO BE GROWING AT ABOUT THE RATES CURRENTLY EXPECTED.

APPENDIX A

Comparison of Actual and Targeted Reserves

The table below compares the actual average level of reserves for the four-week period ending November 17 with the "targeted" level that had been thought consistent with the mid-points of the short-run ranges for the monetary aggregates adopted at the last FOMC meeting.

	<u>Actual</u> <sup>1/</sup>	<u>Targeted</u>	<u>Differences</u>
1. (2+3) Nonborrowed reserves	34,601	34,362	239
2. Required reserves	34,462	34,134	328
3. (4-5) Free reserves	139	228	-89
4. Excess reserves	241	263	-22
5. Member bank borrowing	102	35	67
6. (1+5) Total reserves	34,703	34,397	306
7. Currency	82,660	83,023	-363
8. (6+7) Monetary base	117,363	117,420	57

As can be seen from the table, actual nonborrowed reserves were \$240 million higher than the "targeted" level. Required reserves were about \$330 million above expectations as deposits subject to reserves turned out to be significantly higher than expected. The Desk did not have to increase nonborrowed reserves by quite that amount to keep the funds rate unchanged because banks' demand for free reserves was lower than expected.

Total reserves were also higher than expected. But the monetary base was near the targeted level, as currency expanded less than expected.

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<sup>1/</sup> Includes week of November 17, which is partly estimated.

Appendix Table I

Reserve Measures Consistent With Short-run Alternatives  
(seasonally adjusted)

	<u>Average of 5 weeks</u> <u>Nov. 24 to Dec. 22</u> (\$ million)			<u>Change from average of</u> <u>previous 4-week period</u> (\$ million)			<u>2-month Annual Percentage</u> <u>Growth Rate for Nov.-Dec.</u>		
	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>
Nonborrowed reserves	34,669	34,616	34,537	68	15	-64	3.1	2.1	0.5
Member bank borrowing	38	57	108	-64	-45	6	--	--	--
Excess reserves	246	228	210	5	-13	-31	--	--	--
Other reserve aggregates:									
Total reserves	34,707	34,673	34,645	4	-30	-58	2.1	1.5	1.0
Monetary base <sup>1/</sup>	118,217	118,183	118,155	854	820	792	7.8	7.5	7.4
Nonborrowed monetary base	118,179	118,126	118,047	918	865	786	8.0	7.7	7.4

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<sup>1/</sup> Total reserves plus currency held outside the Treasury, the Federal Reserve, and member banks.

Appendix Table II

Projected Federal Funds Rates

	<u>Alt. A</u>	<u>Alt. B</u>	<u>Alt. C</u>
1976 QIV	4½	5	5½
1977 QI	5	5½	5½
QII	5½	5½	5½
QIII	6½	6	5½

Appendix Table III

Growth Rate in Money Supply  
(Per cent change in an annual rate)

		<u>M<sub>1</sub></u>		<u>M<sub>2</sub></u>		<u>M<sub>3</sub></u>	
		<u>M</u>	<u>Q</u>	<u>M</u>	<u>Q</u>	<u>M</u>	<u>Q</u>
1973	I	3.6	7.4	7.3	9.2	8.4	10.3
	II	10.1	6.4	9.9	8.2	9.8	8.5
	III	1.8	5.5	6.3	7.9	6.1	7.8
	IV	7.8	5.1	10.5	9.0	9.9	8.4
QIV '72-QIV '73		6.0	6.2	8.8	8.8	8.8	9.0
1974	I	5.3	6.0	9.0	9.6	8.4	8.9
	II	5.3	5.6	6.9	7.4	5.7	6.5
	III	3.0	4.2	5.5	6.4	5.2	5.6
	IV	4.7	4.0	6.6	6.4	7.2	6.5
QIV '73-QIV '74		4.7	5.0	7.2	7.7	6.8	7.1
1975	I	1.4	0.6	6.9	5.6	9.0	7.5
	II	9.7	7.4	12.5	10.2	14.5	12.6
	III	3.6	7.1	6.5	10.1	10.7	13.3
	IV	1.6	2.3	7.0	6.4	9.3	9.4
QIV '74-QIV '75		4.1	4.4	8.5	8.3	11.3	11.1
1976	I	4.5	2.7	11.0	9.7	12.3	11.2
	II	6.8	8.4	9.3	10.8	11.0	12.0
	III	4.1	4.1	10.3	9.2	13.1	11.6

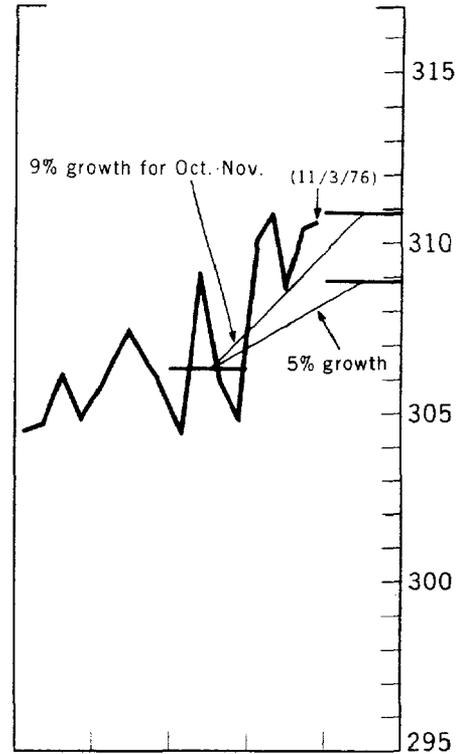
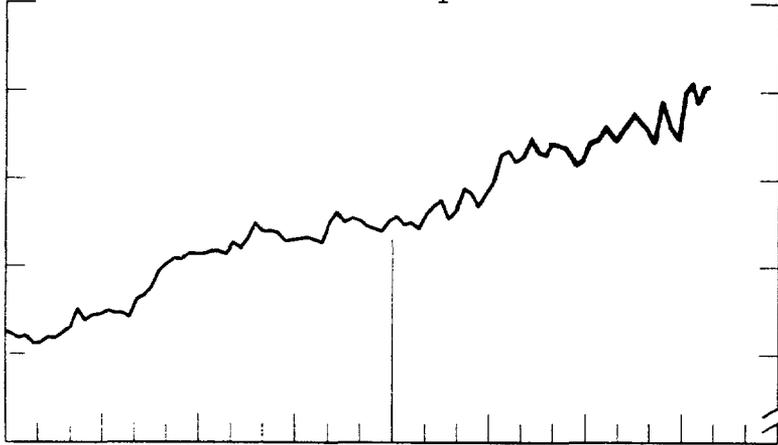
M = Annual rates of growth calculated from average levels in the final months of the quarters.

Q = Annual rate calculated from average levels in all three months of the quarters.

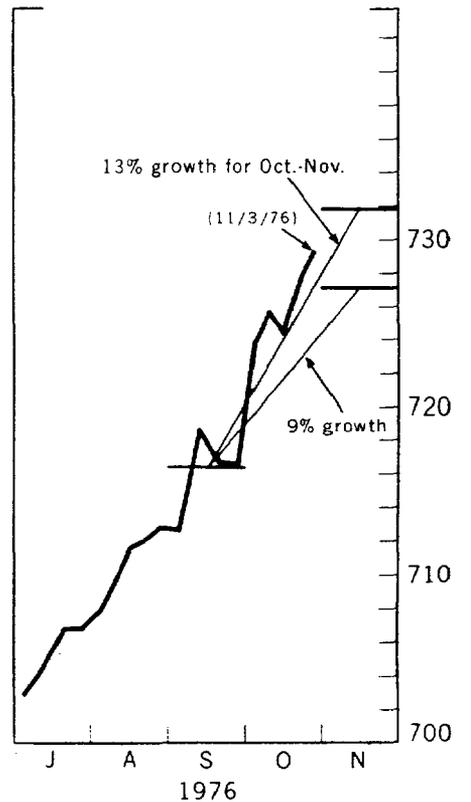
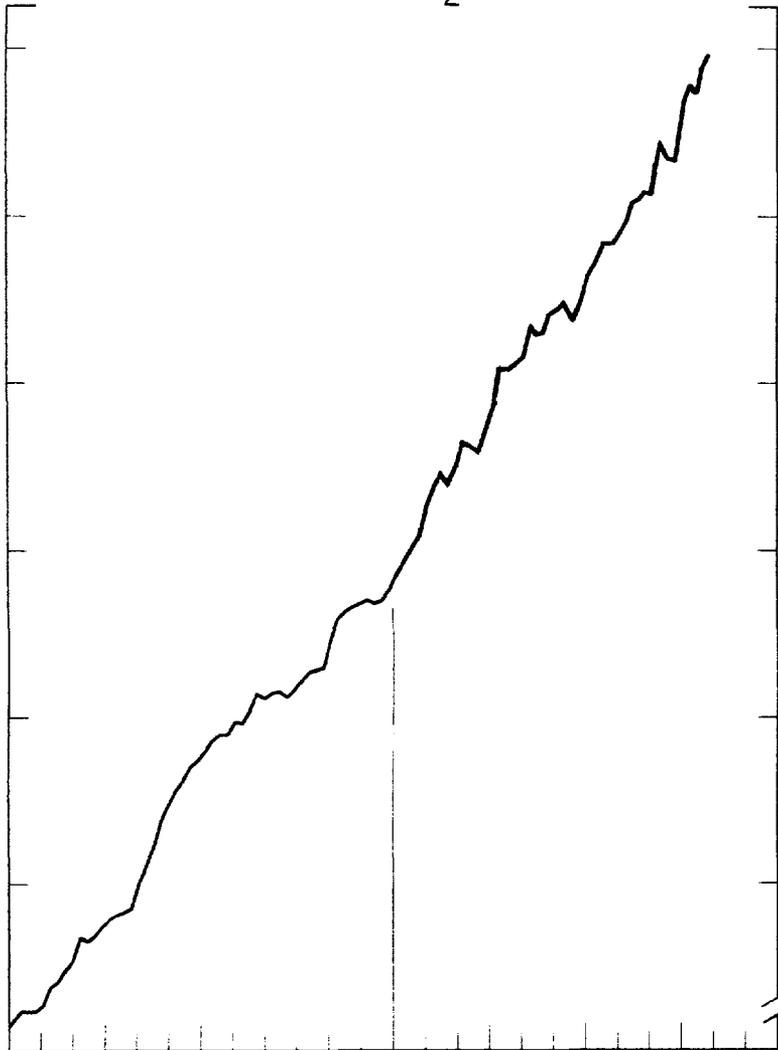
# MONETARY AGGREGATES

NARROW MONEY SUPPLY M<sub>1</sub>

BILLIONS OF DOLLARS



BROADER MONEY SUPPLY M<sub>2</sub>



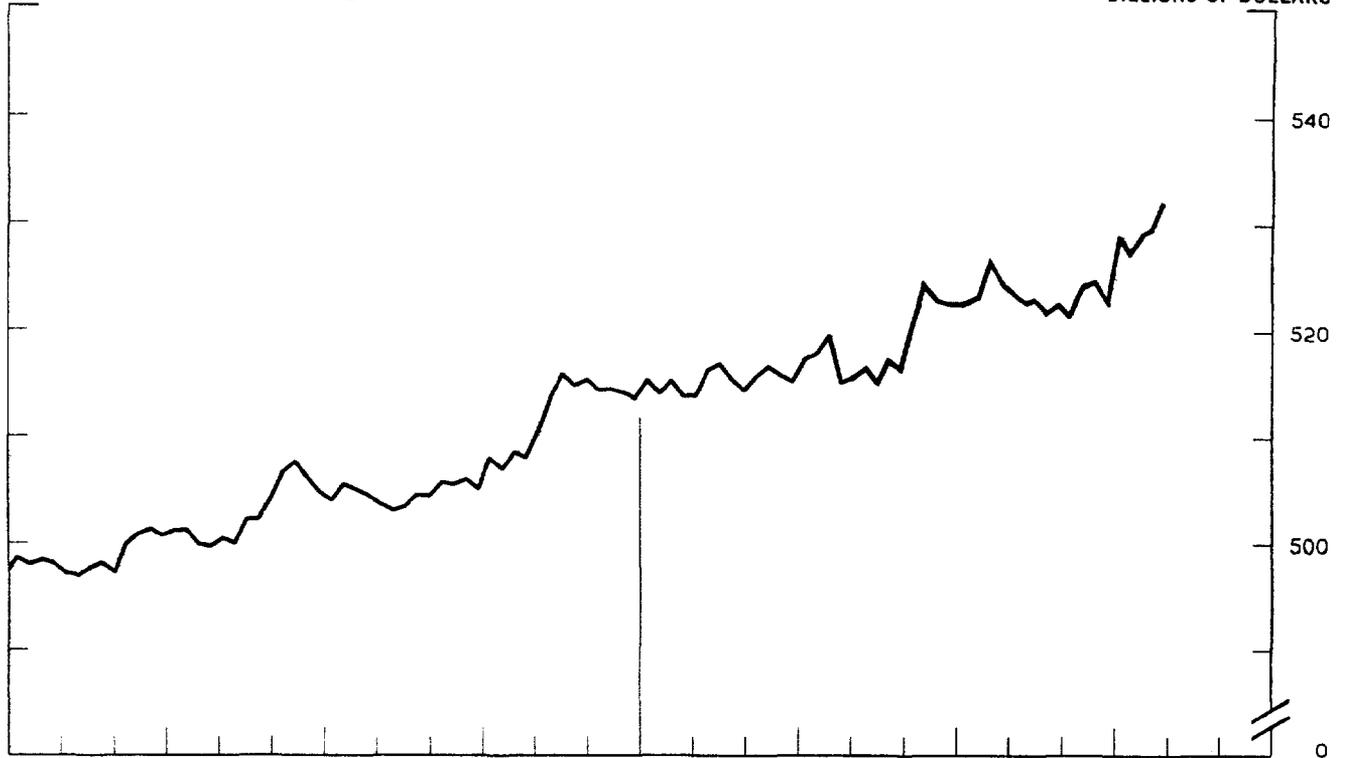
1975

1976

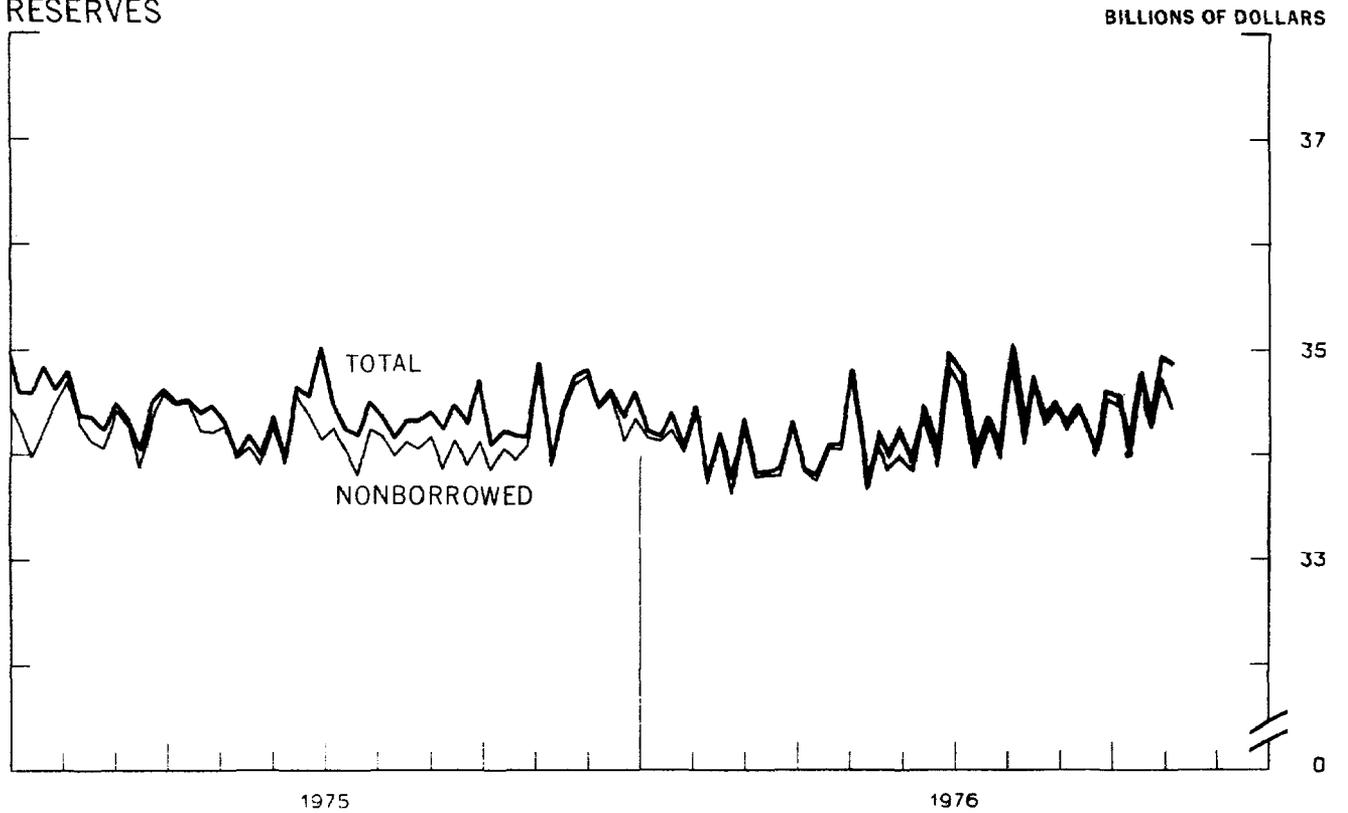
J A S O N  
1976

# MONETARY AGGREGATES

ADJUSTED CREDIT PROXY



RESERVES



Total and nonborrowed reserve series have been adjusted to remove discontinuities associated with changes in reserve requirement ratios.

# MONEY MARKET CONDITIONS AND INTEREST RATES

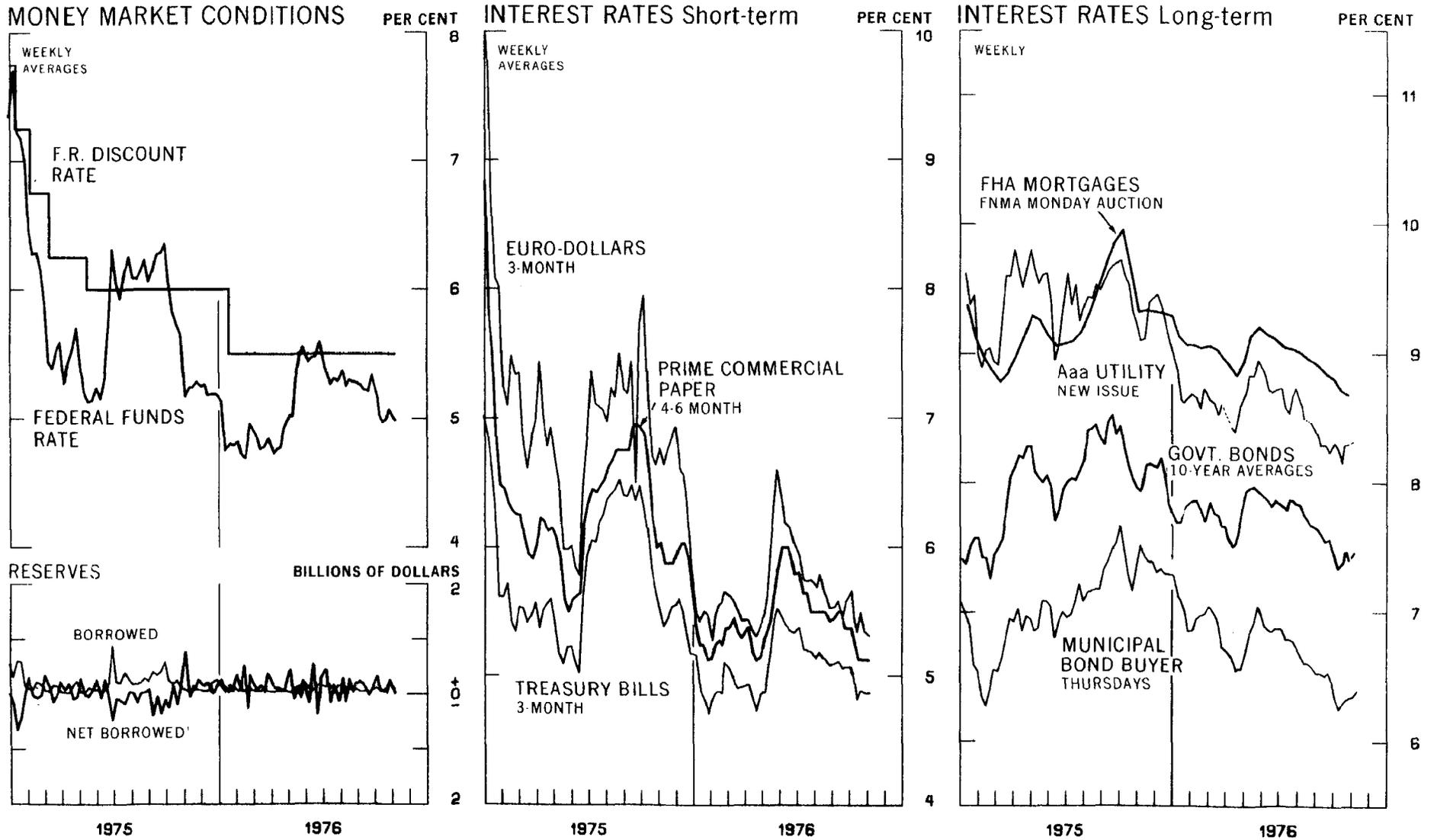


Table 1

CONFIDENTIAL (FR)  
CLASS II-FOMC  
NOV. 12, 1976

# MONETARY AGGREGATES

ACTUAL AND CURRENT PROJECTIONS, SEASONALLY ADJUSTED

Period	Money Supply		Adjusted Credit Proxy	Total U.S. Govt. Deposits <sup>1/</sup>	Time and Savings Deposits				Nondeposit Sources of Funds	Member Bank U.S. Govt. Deposits	
	Narrow (M1)	Broad (M2)			Total	Other Than CD'S		CD'S			
						Total	Savings				Other
	1	2	3	4	5	6	7	8	9	10	11
<b>MONTHLY LEVELS--\$BIL</b>											
1976--AUG.	306.4	710.8	522.5	13.8	468.7	404.4	184.4	220.0	64.4	8.9	3.9
SEPT.	306.3	716.4	523.5	13.1	472.5	410.1	187.9	222.2	62.4	8.2	3.8
OCT.	(310.0)	(725.9)	(528.8)	( 14.0)	(477.9)	(415.9)	(192.5)	(223.3)	( 62.0)	( 9.0)	( 3.5)
NOV.	(311.2)	(733.2)	(532.7)	( 12.5)	(483.0)	(422.1)	(196.4)	(225.6)	( 60.9)	( 8.7)	( 4.2)
<b>% ANNUAL GROWTH</b>											
<b>QUARTERLY</b>											
1976--1ST QTR.	4.5	11.0	1.2		4.6	16.0	32.4	3.6	-46.8		
2ND QTR.	6.8	9.3	4.9		7.3	11.3	13.6	9.5	-14.2		
3RD QTR.	4.1	10.3	0.9		5.7	15.0	19.0	11.7	-46.5		
<b>QUARTERLY-AV</b>											
1976--1ST QTR.	2.7	9.7	2.3		7.2	15.3	28.3	5.6	-29.3		
2ND QTR.	8.4	10.8	2.4		5.3	12.5	21.7	5.1	-30.6		
3RD QTR.	4.1	9.2	3.8		7.1	13.2	13.4	12.7	-26.2		
<b>MONTHLY</b>											
1976--AUG.	5.9	9.2	-2.5		-3.3	12.0	21.9	3.8	-89.7		
SEPT.	-0.4	9.5	2.3		9.7	16.9	22.8	12.0	-37.3		
OCT.	( 14.5)	( 15.9)	( 12.1)		( 13.7)	( 17.0)	( 29.4)	( 5.9)	( -7.7)		
NOV.	( 4.6)	( 12.1)	( 8.9)		( 12.8)	( 17.9)	( 24.3)	( 12.4)	( -21.3)		
OCT.-NOV.	( 9.6)	( 14.1)	( 10.5)		( 13.3)	( 17.6)	( 27.1)	( 9.2)	( -14.4)		
<b>WEEKLY LEVELS--\$BIL</b>											
1976-OCT. 6	310.0	723.8	528.9	13.0	476.5	413.8	191.0	222.8	62.7	8.4	3.1
13	310.8	725.7	527.1	13.8	477.3	414.9	192.0	222.9	62.4	8.6	3.2
20	308.7	724.4	529.2	15.6	477.7	415.7	192.4	223.3	62.0	9.2	4.0
27	310.4	727.7	529.6	14.2	478.6	417.3	193.5	223.8	61.4	9.4	3.5
NOV. 3 P	310.6	729.3	532.1	14.9	480.0	418.7	194.5	224.2	61.3	9.5	4.0

NOTE: DATA SHOWN IN PARENTHESES ARE CURRENT PROJECTIONS.

1/ INCLUDES TREASURY DEPOSITS AT MEMBER BANKS AND FEDERAL RESERVE BANKS.

P - PRELIMINARY

TABLE 2

**BANK RESERVES**

NOV. 12, 1976

ACTUAL AND CURRENT PROJECTIONS, SEASONALLY ADJUSTED

Period	BANK RESERVES			REQUIRED RESERVES			
	Total Reserves	Nonborrowed Reserves	Monetary Base	Total Required	Private Demand	Total Time Deposits	Gov't. and Interbank
	1	2	3	4	5	6	7
<b>MONTHLY LEVELS--\$MILLIONS</b>							
1976--AUG.	34,524	34,424	115,770	34,317	20,166	11,797	2,355
SEPT.	34,360	34,298	116,201	34,159	20,153	11,653	2,352
OCT.	(34,492)	(34,398)	(116,888)	(34,266)	(20,131)	(11,698)	( 2,437)
NOV.	(34,832)	(34,766)	(117,835)	(34,582)	(20,310)	(11,734)	( 2,537)
<b>PERCENT ANNUAL GROWTH</b>							
<b>QUARTERLY</b>							
1976--1ST QTR.	-6.2	-5.3	4.6	-5.7	-2.0	-11.0	
2ND QTR.	3.9	3.1	8.8	4.0	6.0	-1.0	
3RD QTR.	0.3	1.0	5.4	0.4	4.0	-6.4	
<b>QUARTERLY--AV</b>							
1976--1ST QTR.	-3.8	-3.2	5.3	-3.6	-1.0	-6.5	
2ND QTR.	0.8	0.5	8.5	1.2	4.2	-4.4	
3RD QTR.	3.0	3.0	6.0	2.8	3.6	-0.8	
<b>MONTHLY</b>							
1976--AUG.	4.8	6.0	6.5	5.8	12.9	-20.6	
SEPT.	-5.7	-4.4	4.5	-5.5	-0.8	-14.6	
OCT.	( 4.6)	( 3.5)	( 7.1)	( 3.8)	( -1.3)	( 4.6)	
NOV.	( 11.8)	( 12.8)	( 9.7)	( 11.1)	( 10.7)	( 3.7)	
OCT.--NOV.	( 8.2)	( 8.2)	( 8.4)	( 7.4)	( 4.7)	( 4.2)	
<b>WEEKLY LEVELS--\$MILLIONS</b>							
1976--OCT. 6	34,570	34,469	116,959	34,236	20,021	11,668	2,547
13	34,033	33,986	116,344	33,821	19,804	11,695	2,321
20	34,766	34,718	117,159	34,667	20,353	11,715	2,598
27	34,369	34,249	116,688	34,223	20,274	11,701	2,247
NOV. 3	34,914	34,712	117,609	34,466	20,228	11,712	2,526
10	34,487	34,436	117,127	34,428	20,257	11,710	2,462

NOTE: RESERVE SERIES HAVE BEEN ADJUSTED TO REMOVE DISCONTINUITIES ASSOCIATED WITH CHANGES IN RESERVE REQUIREMENT RATIO. DATA SHOWN IN PARENTHESES ARE CURRENT PROJECTIONS.

TABLE 3  
 NET CHANGES IN SYSTEM HOLDINGS OF SECURITIES<sup>1/</sup>  
 (\$ millions, not seasonally adjusted)

Period	Treasury Bills Net Change 2/	Treasury Coupons					Federal Agencies					Net Change Outright Holdings Total 5/	Net RP's 6/
		Net Purchases 3/					Net Purchases 4/						
		Within 1-year	1 - 5	5 - 10	Over 10	Total	Within 1-year	1 - 5	5 - 10	Over 10	Total		
1972	-490	87	789	539	167	1,582	46	592	253	168	1,059	1,631	-1,358
1973	7,232	207	579	500	129	1,415	120	400	244	101	864	9,273	-46
1974	1,280	320	797	434	196	1,747	439	1,665	659	318	3,082	6,303	-154
1975	-468	337	3,284	1,510	1,070	6,202	191	824	460	138	1,613	7,267	1,272
1975--Qtr. III	-757	13	712	201	171	1,096	64	514	106	63	747	1,060	2,392
Qtr. IV	1,294	74	385	234	315	1,006	58	141	71	14	284	2,626	-1,403
1976--Qtr. I	-363	115	554	226	156	1,052	102	288	108	38	535	1,022	1,256
Qtr. II	2,067	109	796	245	134	1,284	3	140	57	40	240	3,371	1,654
Qtr. III	45	171	881	345	160	1,557	--	--	--	--	--	1,398	392
1976--May	-292	--	--	--	--	--	3	140	57	40	240	-122	-958
June	1,845	83	617	195	96	990	--	--	--	--	--	2,735	1,351
July	-2,000	--	--	--	--	--	--	--	--	--	--	-2,040	-2,334
Aug.	1,100	42	301	72	65	480	--	--	--	--	--	1,484	2,093
Sept.	954	129	580	272	95	1,077	--	--	--	--	--	1,954	633
Oct.	418	--	--	--	--	--	--	--	--	--	--	409	-1,742
1976--Sept. 1	-171	--	--	--	--	--	--	--	--	--	--	-186	2,002
8	--	--	--	--	--	--	--	--	--	--	--	--	-5,731
15	--	--	--	--	--	--	--	--	--	--	--	-34	-3,133
22	372	39	340	188	54	621	--	--	--	--	--	973	6,565
29	549	--	--	--	--	--	--	--	--	--	--	535	4,670
Oct. 6	204	90	240	85	41	456	--	--	--	--	--	648	-13,110
13	255	--	--	--	--	--	--	--	--	--	--	255	10,061
20	364	--	--	--	--	--	--	--	--	--	--	363	-2,158
27	--	--	--	--	--	--	--	--	--	--	--	-3	-1,797
Nov. 3	-200	--	--	--	--	--	--	--	--	--	--	-199	3,597
10	-535	--	--	--	--	--	--	--	--	--	--	-535	-4,105
17													
24													

1/ Change from end-of-period to end-of-period.

2/ Outright transactions in market and with foreign accounts, and redemptions (-) in bill auctions.

3/ Outright transactions in market and with foreign accounts, and short-term notes acquired in exchange for maturing bills. Excludes redemptions, maturity shifts, rollovers of maturing coupon issues, and direct Treasury borrowings from the System.

4/ Outright transactions in market and with foreign accounts only. Excludes redemptions and maturity shifts.

5/ In addition to net purchases of securities, also reflects changes in System holdings of bankers' acceptances, direct Treasury borrowings from the System, and redemptions (-) of Agency and Treasury coupon issues.

6/ Includes changes in both RP's (+) and matched sale-purchase transactions (-).

TABLE 4  
SECURITY DEALER POSITIONS AND BANK POSITIONS  
(millions of dollars)

Period	U.S. Govt. Security Dealer Positions		Underwriting Syndicate Positions		Member Bank Reserve Positions				
	Bills (1)	Coupon Issues (2)	Corporate Bonds (3)	Municipal Bonds (4)	Excess** Reserves (5)	Borrowing at FRB**		Basic Reserve Deficit	
						Total (6)	Seasonal (7)	8 New York (8)	38 Others (9)
1975--High	7,029	2,845	464	389	804	609	74	-7,387	-11,632
Low	1,586	253	0	48	-42	17	5	-1,757	- 7,207
1976--High	8,569	*2,117	334	305	655	242	34	-8,037	-12,660
Low	3,668	175	0	34	-180	24	8	-2,367	- 6,908
1975--Oct.	5,766	1,480	14	123	161	189	65	-2,644	- 9,202
Nov.	4,751	2,073	156	173	251	60	29	-3,812	-10,159
Dec.	4,822	1,075	95	103	265	130	14	-2,811	-10,418
1976--Jan.	4,959	1,220	34	97	232	79	9	-3,581	- 9,746
Feb.	5,214	1,051	66	181	256	81	10	-4,138	-10,015
Mar.	5,910	778	43	151	223	54	8	-4,726	- 9,640
Apr.	5,750	605	69	133	155	43	10	-5,179	-10,783
May	4,239	591	95	199	210	114	11	-4,402	- 8,151
June	4,996	582	100	196	214	127	20	-4,219	- 9,158
July	5,743	904	106	211	234	132	25	-4,756	- 9,399
Aug.	6,174	1,686	85	116	207	100	31	-4,624	- 9,691
Sept.	7,838	1,509	95	172	205	63	31	-5,703	- 9,716
Oct.	*6,271	*1,832	94	258	226p	94p	32p	-6,514p	-10,500p
1976--Sept. 1	7,539	1,568	2	145	290	93	32	-5,165	- 8,016p
8	7,932	1,705	73	107	273	45	30	-7,075	- 9,647
15	7,628	1,613	7	170	259	61	28	-5,965	-11,668
22	8,569	1,447	247	220	42	44	29	-4,498	-10,474
29	7,520	1,152	146	219	199	87	34	-5,357	- 7,737
Oct. 6	7,020	1,896	16	205	334	101	34	-6,718	- 9,037
13	5,549	2,117	137	305	212	47p	33p	-7,911	-11,640
20	*5,740	*1,893	152	246	121p	47p	29p	-5,813	-10,835
27	*6,254	*1,653	70	275	146p	120p	33p	-5,098	-10,484
Nov. 3	*6,106	*1,355	65	253	417p	202p	30p	-5,787p	-10,132p
10	*7,556p <sup>1/</sup>	*2,974p <sup>1/</sup>	20p	240p	na	na	na	na	na
17									
24									

NOTE: Government security dealer trading positions are on a commitment basis. Trading positions, which exclude Treasury securities financed by repurchase agreements maturing in 16 days or more, are indicators of dealer holdings available for sale over the near-term. Underwriting syndicate positions consist of issues still in syndicate, excluding trading positions. The basic reserve deficit is excess reserves less borrowing at Federal Reserve less net Federal funds purchases. Weekly data are daily averages for statement weeks, except for corporate and municipal issues in syndicate which are Friday figures.

\* STRICTLY CONFIDENTIAL

\*\* Monthly averages for excess reserves and borrowings are weighted averages of statement week figures.

<sup>1/</sup> Weekly averages from daily data through Tuesday (Wednesday data are not yet available).

TABLE 5  
SELECTED INTEREST RATES  
 (Per cent)

Period	Short-Term						Long-Term					
	Federal Funds	Treasury Bills		90-119 Day Commercial	CD's New Issue-NYC		Aaa Utility		Municipal Bond Buyer	U.S. Govt. 20-Yr. Constant Maturity)	FNMA Auction Yield	GNMA Guaranteed Securities
		90-Day	1-Year	Paper	60-Day	90-Day	New Issue	Recently Offered				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1975--High	7.70	6.68	7.31	8.43	7.88	7.75	9.80	9.71	7.67	8.63	9.95	9.10
Low	5.13	5.02	5.46	5.38	5.25	5.38	8.89	9.06	6.27	7.63	8.78	7.93
1976--High	5.58	5.53	6.32	5.90	5.63	5.75	8.95	8.94	7.13	8.17	9.20	8.45
Low	4.70	4.73	5.06	5.00	4.75	4.88	8.15	8.20	6.25	7.63	8.67	7.89
1975--Oct.	5.82	5.96	6.48	6.35	6.08	6.45	9.45	9.43	7.39	8.35	9.80	8.87
Nov.	5.22	5.48	6.07	5.78	5.69	6.03	9.20	9.26	7.43	8.28	9.80	8.50
Dec.	5.20	5.44	6.16	5.88	5.65	5.83	9.36	9.21	7.31	8.23	9.31	8.56
1976--Jan.	4.87	4.87	5.44	5.15	4.91	5.03	8.70	8.79	7.07	8.01	9.10	8.37
Feb.	4.77	4.88	5.53	5.13	4.84	5.06	8.63	8.63	6.94	8.03	9.06	8.29
Mar.	4.84	5.00	5.82	5.25	5.05	5.20	8.62	8.61	6.92	7.97	9.05	8.30
Apr.	4.82	4.86	5.54	5.08	4.81	4.94	8.48	8.52	6.60	7.86	8.89	8.10
May	5.29	5.20	5.98	5.44	5.25	5.38	8.82	8.77	6.87	8.13	9.09	8.33
June	5.48	5.41	6.12	5.83	5.55	5.68	8.72	8.73	6.87	8.03	9.13	8.35
July	5.31	5.23	5.82	5.54	5.30	5.42	8.63	8.63	6.79	8.00	9.05	8.37
Aug.	5.29	5.14	5.64	5.35	5.23	5.31	8.52	8.50	6.61	7.91	8.99	8.30
Sept.	5.25	5.08	5.50	5.33	5.11	5.24	8.29	8.33	6.51	7.78	8.88	8.10
Oct.	5.03	4.92	5.19	5.10	4.90	5.04	8.26	8.24	6.30	7.70	8.75	7.98
1976--Sept. 1	5.28	5.09	5.57	5.30	5.10	5.22	8.38	8.38	6.52	7.82	--	8.25
8	5.25	5.10	5.54	5.38	5.13	5.25	8.28	8.35	6.52	7.81	8.92	8.13
15	5.22	5.12	5.56	5.38	5.13	5.30	8.28	8.30	6.50	7.79	--	8.13
22	5.21	5.06	5.42	5.33	5.10	5.20	8.23	8.29	6.52	7.74	8.84	8.02
29	5.32	5.07	5.50	5.25	5.10	5.23	8.29	8.29	6.47	7.76	--	8.13
Oct. 6	5.17	5.07	5.39	5.25	5.10	5.20	8.26	8.23	6.33	7.69	8.80	8.06
13	5.02	4.94	5.18	5.19	4.88	5.00	8.15	8.20	6.25	7.63	--	7.96
20	4.97	4.82	5.06	5.05	4.83	4.91	8.28	8.25	6.30	7.70	8.70	7.89
27	4.99	4.89	5.18	5.00	4.80	5.05	8.29	8.27	6.33	7.74	--	8.02
Nov. 3	5.06	4.87	5.16	5.00	4.85	5.03	--	8.23	6.34	7.70	8.67	8.02
10	4.98	4.87	5.16	5.08	na	na	8.31p	8.27p	6.39	7.76p	--	8.02
17												
24												
Daily--Nov. 4	5.03	4.79	5.07	5.00	--	--	--	--	--	7.68	--	--
10	5.07	4.92	5.18	5.13	--	--	--	--	--	7.76	--	--

NOTE: Weekly data for columns 1 to 4 are statement week averages of daily data. Columns 5 and 6 are 1-day Wednesday quotes (prior to 1976, figures shown are for 60-89 day and 90-119 day ranges, respectively). For columns 7 and 10, the weekly date is the mid-point of the calendar week over which data are averaged. Columns 8 and 9 are 1-day quotes for Friday and Thursday, respectively, following the end of the statement week. Column 11 gives FNMA auction data for Monday preceding the end of the statement week. Column 12 is a 1-day quote for the Monday preceding the end of the statement week. The FNMA auction yield is the average yield in bi-weekly auction for short-term forward commitments for Government underwritten mortgages. GNMA yields are average net yields to investors on mortgage-backed securities for immediate delivery, assuming prepayment in 12 years on pools of 30-year FHA/VA mortgages carrying the coupon rate 50 basis points below the current FHA/VA ceiling.

APPENDIX TABLE 1-A  
**MONEY AND CREDIT AGGREGATE MEASURES**

NOV. 12, 1976

Period	BANK RESERVES <sup>1/</sup>			BANK CREDIT MEASURES		MONEY STOCK MEASURES						
	Total	Non-borrowed	Monetary Base	Adj. Credit proxy	Total Loans and Investments	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	M <sub>4</sub>	M <sub>5</sub>	M <sub>6</sub>	M <sub>7</sub>
	1	2	3	4	5	6	7	8	9	10	11	12
	(Per cent annual rates of growth)											
<b>ANNUALLY:</b>												
1973	6.7	6.0	7.7	10.5	13.8	6.0	8.8	8.8	11.6	10.6	11.1	11.9
1974	7.1	9.2	9.2	10.2	9.2	4.7	7.2	6.8	10.6	9.0	8.9	8.9
1975	-0.4	1.3	5.8	3.9	4.4	4.1	8.5	11.3	6.4	9.7	10.0	9.7
<b>SEMI-ANNUALLY:</b>												
1ST HALF 1975	-1.2	1.7	5.6	4.5	4.2	5.6	9.8	11.9	6.9	9.9	9.5	9.4
2ND HALF 1975	0.3	0.9	5.7	3.1	4.5	2.6	6.8	10.1	5.7	9.2	10.0	9.5
1ST HALF 1976	-1.2	-1.2	6.7	3.1	4.9	5.7	10.3	11.8	5.9	8.9	8.3	8.6
<b>QUARTERLY:</b>												
4TH QTR. 1975	1.4	4.5	7.3	7.0	4.6	1.6	7.0	9.3	8.4	10.0	11.3	11.3
1ST QTR. 1976	-6.2	-5.3	4.6	1.2	5.5	4.5	11.0	12.3	4.6	8.1	7.4	7.4
2ND QTR. 1976	3.9	3.1	8.8	4.9	4.3	6.8	9.3	11.0	7.1	9.4	9.0	9.5
3RD QTR. 1976	0.3	1.0	5.4	0.9	7.0	4.1	10.3	13.1	5.0	9.7	8.4	8.3
<b>QUARTERLY-AV:</b>												
4TH QTR. 1975	0.6	2.7	5.6	6.0	6.0	2.3	6.4	9.4	6.7	9.4	9.9	9.6
1ST QTR. 1976	-3.8	-3.2	5.3	2.3	3.8	2.7	9.7	11.2	5.4	8.4	8.5	8.5
2ND QTR. 1976	0.8	0.5	8.5	2.4	5.4	8.4	10.8	12.0	6.6	9.3	8.7	9.0
3RD QTR. 1976	3.0	3.0	6.0	3.8	5.9	4.1	9.2	11.6	5.9	9.4	8.5	8.7
<b>MONTHLY:</b>												
1975—OCT.	-6.3	0.8	3.6	5.9	6.4	-0.8	5.3	8.7	7.9	9.9	10.3	10.1
NOV.	9.7	14.3	11.1	14.4	9.8	9.0	11.5	11.9	11.7	12.1	14.3	14.3
DEC.	0.8	-1.6	7.0	0.7	-2.3	-3.2	4.0	7.1	5.3	7.7	8.9	9.1
1976—JAN.	-10.2	-8.4	2.6	-0.7	3.5	1.2	10.3	11.6	3.2	7.0	6.9	6.9
FEB.	-6.8	-6.9	4.0	3.5	5.9	6.1	14.1	14.4	6.6	9.5	7.9	7.8
MAR.	-1.7	-0.8	7.0	0.9	6.9	6.1	8.3	10.5	3.8	7.7	7.4	7.5
APR.	0.7	1.1	12.2	3.0	5.4	14.9	14.4	14.4	10.3	11.8	11.0	11.2
MAY	4.0	1.5	7.0	-4.6	5.4	6.8	8.5	10.5	2.7	6.6	6.2	6.9
JUNE	7.0	6.6	6.9	16.3	2.1	-1.2	4.8	7.7	8.2	9.7	9.7	10.2
JULY	1.8	1.6	5.2	3.0	6.9	6.7	11.9	13.0	9.0	11.1	10.0	10.1
AUG.	4.8	6.0	6.5	-2.5	8.2	5.9	9.2	12.7	0.3	7.1	5.7	5.5
SEPT.	-5.7	-4.4	4.5	2.3	5.9	-0.4	9.5	13.3	5.7	10.7	9.3	9.2
OCT. P	4.6	3.5	7.1	12.1	12.2	14.5	15.9	16.4	14.0	15.2	13.5	13.2

NOTES: ADJUSTED CREDIT PROXY INCLUDES MAINLY TOTAL MEMBER BANK DEPOSITS SUBJECT TO RESERVE REQUIREMENTS, LOANS SOLD TO BANK-RELATED INSTITUTIONS, AND EURODOLLAR BORROWINGS OF U.S.BANKS.

<sup>1/</sup> BASED ON DATA ADJUSTED FOR CHANGES IN RESERVE REQUIREMENTS.

P - PRELIMINARY

APPENDIX TABLE 1-B  
**MONEY AND CREDIT AGGREGATE MEASURES**

SEASONALLY ADJUSTED, BILLIONS OF DOLLARS

NOV. 12, 1976

Period	BANK RESERVES <sup>1/</sup>			BANK CREDIT MEASURES		MONEY STOCK MEASURES						
	Total	Non-borrowed	Monetary Base	Adj Credit proxy	Total Loans and Investments	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	M <sub>4</sub>	M <sub>5</sub>	M <sub>6</sub>	M <sub>7</sub>
	1	2	3	4	5	6	7	8	9	10	11	12
<b>ANNUALLY:</b>												
1973	32,390	31,092	96,051	449.4	637.7	270.5	571.4	919.5	634.9	982.9	1093.7	1132.0
1974	34,693	33,966	104,892	495.3	695.2	283.1	612.4	981.6	702.2	1071.4	1191.0	1232.7
1975	34,539	34,409	110,930	514.4	725.5	294.8	664.3	1092.9	747.2	1175.8	1310.3	1351.9
<b>MONTHLY:</b>												
1975--OCT.	34,239	34,048	109,279	508.0	721.0	293.4	655.8	1075.8	736.7	1156.6	1285.3	1325.9
NOV.	34,515	34,455	110,287	514.1	726.9	295.6	662.1	1086.5	743.9	1168.3	1300.6	1341.7
DEC.	34,539	34,409	110,930	514.4	725.5	294.8	664.3	1092.9	747.2	1175.8	1310.3	1351.9
1976--JAN.	34,245	34,167	111,171	514.1	727.6	295.1	670.0	1103.5	749.2	1182.7	1317.8	1359.7
FEB.	34,052	33,971	111,538	515.6	731.2	296.6	677.9	1116.7	753.3	1192.1	1326.5	1368.5
MAR.	34,003	33,949	112,192	516.0	735.4	298.1	682.6	1126.5	755.7	1199.7	1334.7	1377.0
APR.	34,024	33,980	113,333	517.3	738.7	301.8	690.8	1140.0	762.2	1211.5	1346.9	1389.8
MAY	34,136	34,022	113,994	515.3	742.0	303.5	695.7	1150.0	763.9	1218.2	1353.9	1397.8
JUNE	34,335	34,209	114,653	522.3	743.3	303.2	698.5	1157.4	769.1	1228.0	1364.8	1409.7
JULY	34,387	34,254	115,151	523.6	747.6	304.9	705.4	1169.9	774.9	1239.4	1376.2	1421.6
AUG.	34,524	34,424	115,770	522.5	752.7	306.4	710.8	1182.3	775.1	1246.7	1382.7	1428.1
SEPT.	34,360	34,298	116,201	523.5	756.4	306.3	716.4	1195.4	778.8	1257.8	1393.4	1439.0
OCT. P	34,492	34,398	116,888	528.8	764.1	310.0	725.9	1211.7	787.9	1273.7	1409.1	1454.8
<b>WEEKLY:</b>												
1976--SEPT. 8	34,278	34,233	115,785	521.5		304.4	712.7		775.1			
15	34,467	34,406	116,289	524.1		309.1	718.7		780.7			
22	34,045	34,001	115,987	524.6		305.9	716.8		779.1			
29	34,599	34,512	116,688	522.6		304.8	716.6		779.4			
OCT. 6	34,570	34,469	116,959	528.9		310.0	723.8		786.5			
13	34,033	33,986	116,344	527.1		310.8	725.7		788.1			
20	34,766	34,718	117,159	529.2		308.7	724.4		786.3			
27P	34,369	34,249	116,688	529.6		310.4	727.7		789.0			
NOV. 3P	34,914	34,712	117,609	532.1		310.6	729.3		790.6			

NOTES: ADJUSTED CREDIT PROXY INCLUDES MAINLY TOTAL MEMBER BANK DEPOSITS SUBJECT TO RESERVE REQUIREMENTS, LOANS SOLD TO BANK-RELATED INSTITUTIONS, AND EURODDOLLAR BORROWINGS OF U.S. BANKS. WEEKLY DATA ARE DAILY AVERAGES FOR STATEMENT WEEKS. MONTHLY DATA ARE DAILY AVERAGES. WEEKLY DATA ARE NOT AVAILABLE FOR M<sub>3</sub>, M<sub>5</sub>, M<sub>6</sub>, M<sub>7</sub>, TOTAL LOANS AND INVESTMENTS AND THRIFT INSTITUTION DEPOSITS.

<sup>1/</sup> BASED ON DATA ADJUSTED FOR CHANGES IN RESERVE REQUIREMENTS.  
P - PRELIMINARY

APPENDIX TABLE 2-A

## COMPONENTS OF MONEY STOCK AND RELATED MEASURES

Period	Currency	Demand Deposits	Time and Savings Deposits				Mutual Savings Bank & S&L Shares <sup>1/</sup>	Credit Union Shares <sup>1/</sup>	Savings Bonds <sup>1/</sup>	Short Term U.S. Gov't Securities <sup>1/</sup>	Commercial Paper <sup>1/</sup>	
			Total	Other Than CD's		CD's						
				Total	Savings							Other
	1	2	3	4	5	6	7	8	9	10	11	12
<b>ANNUALLY:</b>	(Per cent annual rates of growth)											
1973	8.1	5.3	16.2	11.4	2.8	18.7	45.6	8.5	13.8	4.9	31.3	39.3
1974	10.2	3.0	15.0	9.4	7.0	11.2	41.4	5.6	12.1	4.8	11.9	9.1
1975	8.7	2.6	7.9	12.2	17.8	8.2	-7.7	15.8	20.2	6.2	19.5	-0.5
<b>SEMI-ANNUALLY:</b>												
1ST HALF 1975	9.4	4.4	7.8	13.4	18.2	10.0	-12.7	15.2	20.9	5.7	6.7	5.7
2ND HALF 1975	7.6	0.9	7.8	10.4	16.0	6.1	-2.9	15.2	17.6	6.5	31.3	-6.5
1ST HALF 1976	10.6	4.2	6.0	13.9	23.6	6.6	-29.7	14.0	16.6	6.3	0.3	15.9
<b>QUARTERLY:</b>												
4TH QTR. 1975	9.4	-1.1	12.9	11.6	15.8	8.2	19.2	12.5	17.6	6.0	41.3	11.9
1ST QTR. 1976	10.9	2.5	4.6	16.0	32.4	3.6	-46.8	14.3	16.8	6.5	-3.6	7.7
2ND QTR. 1976	10.0	5.8	7.3	11.3	13.6	9.5	-14.2	13.2	16.1	5.9	4.2	23.6
3RD QTR. 1976	7.7	2.8	5.7	15.0	19.0	11.7	-46.5	17.6	16.6	7.5	-14.2	6.2
<b>QUARTERLY-AV:</b>												
4TH QTR. 1975	8.4	0.2	9.7	9.8	14.4	6.6	9.5	14.0	16.5	6.1	23.5	-1.0
1ST QTR. 1976	9.8	0.5	7.2	15.3	28.3	5.6	-29.3	13.4	17.1	6.6	12.3	9.7
2ND QTR. 1976	11.7	7.4	5.3	12.5	21.7	5.1	-30.6	13.8	16.4	5.9	0.0	17.1
3RD QTR. 1976	7.3	2.8	7.1	13.2	13.4	12.7	-26.2	15.4	15.7	7.5	-6.0	14.6
<b>MONTHLY:</b>												
1975—OCT.	10.0	-4.3	13.7	10.7	11.7	10.0	27.3	13.5	18.8	7.3	21.6	3.0
NOV.	13.2	7.1	13.5	13.6	14.6	12.8	13.4	12.4	14.8	5.4	63.8	17.8
DEC.	4.9	-5.9	11.0	10.1	20.5	1.7	16.1	11.3	18.3	5.4	34.9	14.6
1976—JAN.	8.1	-0.5	4.5	17.2	26.9	10.3	-53.6	13.4	18.0	7.1	3.6	8.7
FEB.	12.9	3.8	6.9	20.5	44.6	2.3	-57.6	14.7	10.7	7.1	-19.6	5.7
MAR.	11.2	4.3	2.4	9.8	23.3	-1.7	-35.0	14.2	21.1	5.3	5.4	8.6
APR.	15.9	15.1	7.3	14.0	22.1	8.0	-27.9	14.1	13.8	5.3	0.0	17.0
MAY	9.4	5.3	0.0	10.2	18.3	3.4	-55.4	13.3	13.7	7.0	0.0	25.1
JUNE	4.7	-3.2	14.3	9.5	0.0	16.9	42.2	11.7	20.3	5.2	12.6	27.3
JULY	7.7	6.4	10.6	15.5	11.4	18.9	-17.0	14.5	10.0	8.7	-7.1	13.4
AUG.	7.7	5.3	-3.3	12.0	21.9	3.8	-89.7	18.8	19.8	10.3	-25.1	0.0
SEPT.	7.6	-3.2	9.7	16.9	22.8	12.0	-37.3	18.8	19.5	3.4	-11.0	5.3
OCT. P	10.6	15.8	13.7	17.0	29.4	5.9	-7.7	17.1	12.8	5.1	-9.2	2.6

<sup>1/</sup> GROWTH RATES ARE BASED ON ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH AND END OF PREVIOUS MONTH REPORTED DATA.

P - PRELIMINARY.

## COMPONENTS OF MONEY STOCK AND RELATED MEASURES

Period	Currency	Demand Deposits	Time and Savings Deposits					Mutual Savings Bank & S&L Shares <sup>1/</sup>	Credit Union Shares <sup>1/</sup>	Savings Bonds <sup>1/</sup>	Short-Term U.S. Gov't Sec <sup>1/</sup>	Commercial Paper <sup>1/</sup>	Non-Deposit Funds	Total Gov't Demand Deposits <sup>2/</sup>
			Total	Other Than CD's			CD's							
				Total	Savings	Other								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>ANNUALLY:</b>														
1973	61.5	209.0	364.4	300.9	127.3	173.6	63.5	323.5	24.7	60.4	50.3	38.3	6.6	7.3
1974	67.8	215.3	419.1	329.3	136.2	193.1	89.8	341.6	27.7	63.3	56.3	41.8	8.4	5.6
1975	73.7	221.0	452.4	369.6	160.5	209.0	82.9	395.5	33.3	67.2	67.3	41.6	8.4	7.6
<b>MONTHLY:</b>														
1975—OCT.	72.6	220.8	443.3	362.4	155.9	206.5	80.9	387.8	32.4	66.6	62.1	40.5	7.9	8.6
NOV.	73.4	222.1	448.3	366.5	157.8	208.7	81.8	391.8	32.8	66.9	65.4	41.1	8.2	9.6
DEC.	73.7	221.0	452.4	369.6	160.5	209.0	82.9	395.5	33.3	67.2	67.3	41.6	8.4	7.6
1976—JAN.	74.2	220.9	454.1	374.9	164.1	210.8	79.2	399.9	33.8	67.6	67.5	41.9	7.9	8.0
FEB.	75.0	221.6	456.7	381.3	170.2	211.2	75.4	404.8	34.1	68.0	66.4	42.1	8.0	10.9
MAR.	75.7	222.4	457.6	384.4	173.5	210.9	73.2	409.6	34.7	68.3	66.7	42.4	8.2	10.9
APR.	76.7	225.2	460.4	388.9	176.7	212.3	71.5	414.4	35.1	68.6	66.7	43.0	7.5	7.2
MAY	77.3	226.2	460.4	392.2	179.4	212.9	68.2	419.0	35.5	69.0	66.7	43.9	7.6	7.4
JUNE	77.6	225.6	465.9	395.3	179.4	215.9	70.6	423.1	36.1	69.3	67.4	44.9	8.4	9.8
JULY	78.1	226.8	470.0	400.4	181.1	219.3	69.6	428.2	36.4	69.8	67.0	45.4	8.8	9.0
AUG.	78.6	227.8	468.7	404.4	184.4	220.0	64.4	434.9	37.0	70.4	65.6	45.4	8.9	13.8
SEPT.	79.1	227.2	472.5	410.1	187.9	222.2	62.4	441.7	37.6	70.6	65.0	45.6	8.2	13.1
OCT. P	79.8	230.2	477.9	415.9	192.5	223.3	62.0	448.0	38.0	70.9	64.5	45.7	9.0	14.0
<b>WEEKLY:</b>														
1976—SEPT. 8	79.0	225.4	470.7	408.3	186.8	221.5	62.4						7.9	16.0
15	79.0	230.0	471.7	409.7	187.5	222.1	62.0						7.7	10.0
22	79.2	226.7	473.1	410.9	188.2	222.7	62.2						6.7	12.7
29	79.3	225.6	474.6	411.7	189.1	222.6	62.9						8.4	12.5
OCT. 6	79.9	230.1	476.5	413.8	191.0	222.8	62.7						8.4	13.0
13	79.7	231.1	477.3	414.9	192.0	222.9	62.4						8.6	13.8
20	79.6	229.0	477.7	415.7	192.4	223.3	62.0						9.2	15.6
27P	79.5	230.9	478.6	417.3	193.5	223.8	61.4						9.4	14.2
NOV. 3P	79.9	230.6	480.0	418.7	194.5	224.2	61.3						9.5	14.9

1/ ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH AND END OF PREVIOUS MONTH REPORTED DATA.

2/ INCLUDES TREASURY DEPOSITS AT MEMBER BANKS AND FEDERAL RESERVE BANKS.

P - PRELIMINARY