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Content last modified 6/05/2009.

(CONFIDENTIAL FR) August 17, 1973

MONETARY AGGREGATES AND MONEY MARKET CONDITIONS

Prepared for the Federal Open Market Committee

By the Staff

BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM

CONFIDENTIAL (FR) August 17, 1973

MONETARY AGGREGATES AND
MONEY MARKET CONDITIONS

Recent developments

(1) M_1 growth was at about a 6 per cent annual rate in July and, with recent data pointing to a slowdown in August, it appears that for the July-August target period M_1 expansion will fall somewhat short of the range of tolerance set by the Committee. Growth in M_2, on the other hand, appears to be running above the upper end of its target range. The unexpected strength in M_2 reflects a strong consumer response in early August to the higher rates offered by banks on consumer-type deposits following liberalization of Regulation Q ceilings.

Growth of Monetary Aggregates and RPD
in June-July Target Period

	Ranges of Tolerance	Latest Estimates	
Reserve and Monetary Aggregates (Growth at SAAR in per cent)			
RPD	11-1/2--13-1/2	14	
M_1	3-3/4--5-3/4	3-1/2	
M_2	4-1/2--6-1/2	7-1/2	
Memo:		Statement week avg.	
Federal funds rate (Per cent per annum)		8/8	10.39
As adopted and subsequently amended	9--11	8/15	10.39

(2) Growth in RPD over July-August also is expected to be above the upper limit of the Committee's range of tolerance, as greater than expected growth in CD's and nondeposit sources added to required reserves. In addition, the implementation of the hike in required reserves in the week ended July 25 absorbed more reserves than we had allowed for because of a misestimation in the deposit mix.

(3) In the two statement weeks following the last FOMC meeting, incoming data suggested that July-August growth rates in all monetary aggregates might approach and possibly exceed the upper end of their respective target ranges. Accordingly, the Desk assumed a more restrictive posture in the provision of reserves, and the Federal funds rate averages for both of these weeks slightly exceeded the 10-1/2 per cent upper limit of the constraint set by the Committee at its July meeting. Against this background a majority of Committee members agreed on August 3 to raise the ceiling for the Federal funds rate to 11 per cent in order to provide room for maneuver if further restraint on reserve provision should prove necessary.

(4) Short-term interest rates rose sharply further during most of the period since the July FOMC meeting in response to high rates on Federal funds and changed expectations as to the possible severity of monetary restraint. Rates on large certificates of deposits and banker's acceptances have paced this general advance, as banks sought funds aggressively in response to continued strong credit demands. Advances in Treasury

bill rates lagged somewhat behind other short-term rate increases over most of July but then began catching up in early August, partly in response to the Treasury's auction of $2.0 billion of September 1973 tax bills and a sizable offering of short- and intermediate-term securities by the Federal Home Loan Banks.

(5) Given sharp upward market rate adjustments, the increase in the discount rate to 7-1/2 per cent on August 13 had little impact on short-term rates. Market participants generally interpreted the increase as representing an adjustment to a higher market rate structure rather than a signal of a further tightening in policy. Indeed, a general credit market rally began to develop around mid-August and short rates, particularly Treasury bill rates, declined from recent intermeeting highs. Most recently the 3-month Treasury bill was trading at around 8.70 per cent bid.

(6) Long-term market interest rates increased substantially after the July Committee meeting, but late in the period there was a strong bond market rally. With the combined new issue calendar for corporate and municipal securities continuing on the light side, the further rise in long-term yields appeared to reflect mainly a reaction to the sharp rise in short-term rates. The strong rally in recent days appears to have been based on an attitudinal shift stemming from good international news and the thought that the monetary aggregates may be now under control. Moreover, rumors of heavy buying of Treasury coupon issues arising out of Middle East oil transactions further bulled the market, given the larger dealer short positions.

(7) The Treasury encountered great difficulty in its mid-August refunding operation, which involved the auctioning of $4.5 billion in new

issues to redeem $4.7 billion publicly held issues maturing August 15. addition to the auction of September tax anticipation bills, the Treasury sold at auction $2 billion of a reopened, 7-3/4 per cent, 4-year note, and $500 million of a 7-1/2 per cent, 20-year bond. Bidding for both coupon issues was quite weak, and it was necessary for government accounts to support the market by buying outstanding securities and by acquiring about one-half of the bond issue in the auction. Subsequently, however, the market for both of these coupon issues has improved markedly, and the bond and note are now about 5 and 2 points respectively above their auction prices.

(8) Mortgage rates also increased further during the inter-meeting period, with an 8.71 per cent rate set in the latest FNMA mortgage auction--up 33 basis points since mid-July and 67 basis points since mid-June. In addition to moving in general sympathy with other long-term rates, the continued rise in mortgage rates reflects an apparently sharp curtailment in the extension of commitments by thrift institutions--a cutback generated by net outflows of deposit funds in the latter part of July and early August. To meet these deposit outflows and cover the continuing takedowns of out-standing loan commitments, savings and loan associations have been borrowing heavily from their Federal Home Loan Banks in recent weeks, and the FHLB System in turn has raised a large volume of funds in the market for payment later this month. Under the circumstances, both savings and loan and FHLB System liquidity has declined, and mutual savings banks are reported to have been liquidating securities and drawing on outstanding lines of credit at commercial banks.

(9) The table on the next page shows (in percentage annual rates of change) selected monetary and financial flows over various recent time periods. A new Appendix table III shows quarterly growth rates for money supply calculated in two ways--by comparing average levels for all three months of the quarter and by comparing levels in the final months of the quarter.

	Past Calendar Years	Past 12 Months	Past 6 Months	Past 3 Months	Past Month
	Dec. '72 over Dec. '69	July '73 over July '72	July '73 over Jan. '73	July '73 over April '73	July '73 over June '73
Total reserves	8.4	9.6	5.8	10.4	26.2
Nonborrowed reserves	8.8	6.4	7.0	23.4	44.1
Reserves available to support private nonbank deposits	9.0	11.5	10.5	14.7	7.6
Concepts of Money					
M_1 (currency plus demand deposits)1/	7.5	6.8	7.1	9.8	5.9
M_2 (M_1 plus time deposits at commercial banks other than large CD's)	11.3	8.6	7.5	8.7	5.5
M_3 (M_2 plus deposits at thrift institutions)	12.8	10.1	8.4	8.5	5.7
Bank Credit					
Total member bank deposits (bank credit proxy adj.)	10.7	12.8	14.0	11.0	9.4
Loans and investments of commercial banks2/	12.4	15.6	13.5	11.3	10.8
Short-term market paper (Monthly ave. change in billions)					
Large CD's	.9	2.2	3.4	1.9	2.5
Nonbank commercial paper	0.1	-0.2	-0.3	0.3	0.5

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 either end-of-month or last-Wednesday-of-month figures.

Prospective developments

(10) Three alternative policy strategies are summarized below for Committee consideration. More detailed figures, including estimates into the future for M_3 as well as the narrower money supply concepts, are shown in the table on the following page.

	Alt. A	Alt. B	Alt. C
Targets (3rd & 4th qtrs. combined)			
M_1	4-3/4	3-3/4	2-3/4
M_2	7-1/2	6-1/2	5-1/2
Credit proxy	10-1/2	9-3/4	9
Associated ranges for August-September 1973			
RPD	13-1/2--15-1/2	13--15	12-1/2--14-1/2
M_1	2-1/2-- 4-1/2	2--4	1-1/2--3-1/2
M_2	8-1/2--10-1/2	7-3/4-- 9-3/4	7--9
Federal funds rate range (inter-meeting period)	9--10-1/2	9-1/2--11-1/2	10--12-1/2

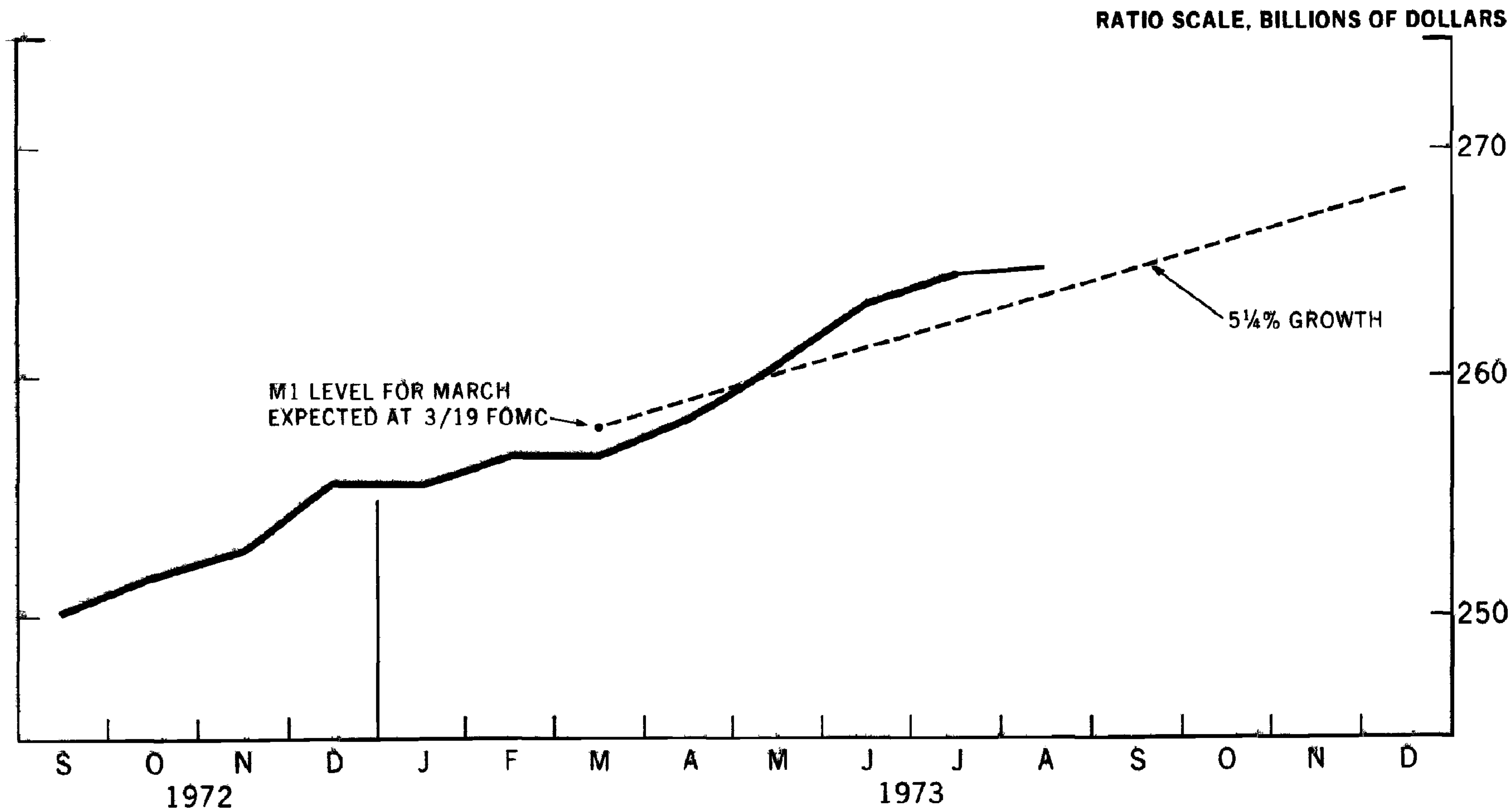
(11) The three alternatives include the same M_1 growth rates for the second half of 1973 as in the previous Blue Book. Alternative B represents a continuation of the longer-run growth path for M_1 reaffirmed at the last Committee meeting and depicted in the chart following p. 7-a. The longer-term growth rates for the other key monetary variables associated with each M_1

Alternative Longer-Run Targets
for Key Monetary Aggregates

		M_1			M_2			M_3		
		Alt. A	Alt. B	Alt. C	Alt. A	Alt. B	Alt. C	Alt. A	Alt. B	Alt. C
1973	July	264.5	264.5	264.5	547.8	547.8	547.8	863.4	863.4	863.4
	Aug.	264.8	264.7	264.6	552.2	552.0	551.8	867.8	867.5	867.3
	Sept.	266.1	265.8	264.5	556.4	555.8	555.0	873.5	872.6	871.5
	Dec.	269.4	268.1	266.8	565.9	563.2	560.3	889.3	885.5	881.5
					Rates of Growth					
Quarters:	1973									
	3rd. Q.	4.4	4.0	3.5	8.1	7.7	7.1	6.6	6.1	5.6
	4th. Q.	5.0	3.5	2.0	6.8	5.3	3.8	7.2	5.9	4.6
Months:										
	Aug.	1.4	0.9	0.5	9.6	9.2	8.8	6.1	5.7	5.4
	Sept.	5.9	5.0	4.1	9.1	8.3	7.0	7.9	7.1	5.8

		Adjusted Credit Proxy			Total Reserves			RPD		
		Alt. A	Alt. B	Alt. C	Alt. A	Alt. B	Alt. C	Alt. A	Alt. B	Alt. C
1973	July	437.9	437.9	437.9	33,550	33,550	33,550	31,299	31,299	31,299
	Aug.	444.8	444.7	444.6	33,938	33,937	33,936	31,991	31,990	31,989
	Sept.	449.7	449.3	449.1	34,515	34,484	34,454	32,480	32,450	32,420
	Dec.	457.7	455.8	454.1	35,411	35,310	35,200	33,046	32,949	32,843
					Rates of Growth					
Quarters: 1973										
	3rd Q.	14.0	13.6	13.4	14.8	14.5	14.1	15.9	15.5	15.1
	4th Q.	7.1	5.8	4.5	10.4	9.6	8.7	7.0	6.2	5.2
Months:										
	Aug.	18.9	18.6	18.4	- 3.0	- 3.0	- 3.0	10.5	10.5	10.5
	Sept.	13.5	12.4	12.1	20.4	19.3	18.3	18.3	17.3	16.2

MONEY SUPPLY AND LONGER RUN TARGET PATH



growth rate have been changed to reflect the behavior of time deposits following the early July changes in Regulation Q ceiling rates. In addition, the funds rate ranges associated with the three alternatives have also been raised somewhat, reflecting in part the upward revisions in projected nominal GNP.

(12) The recent sharp rise in short-term interest rates will be limiting money demand in the months ahead. As a result, even though growth in nominal GNP is expected to remain substantial, M_1 may expand at a relatively slow pace between now and year-end, given prevailing money market conditions. For alternative B, a 9-1/2--11-1/2 per cent Federal funds rate range is shown. This range is symmetrical around current money market conditions. Staff judgment and model forecasts suggest that the odds are better than even that some decline in the funds rate will develop if the alternative B targets for the aggregates are pursued, given the degree of restraint already built into the system.

(13) In the August-September period M_1 growth under alternative B is indicated to be in a 2--4 per cent annual rate range. A particularly low growth rate is shown for August, reflecting in part drawdowns in cash balances for investment in higher yielding time deposits, especially the newly available, widely advertised long-term savings certificates. However, such a one-time stock adjustment is likely to be short-lived in its effects on cash balances mainly held for transactions purposes or for normal financial market operations.

(14) Under alternative B, over the next two months, M_2 expansion in a 7-3/4--9-3/4 per cent annual rate range is indicated. The faster increase in M_2 relative to M_1 results mainly from the initial sizable movement into consumer-type time and savings deposits at banks in the wake of the regulatory changes. The initial inflow probably reflected not only some movement out of demand deposits but, more importantly, shifts of funds from nonbank thrift institutions. We have assumed a gradual phasing out of transfers from thrift institutions to banks, though we do not expect it to subside as promptly as transfers out of demand deposits because of the maturity distribution of thrift institution deposits and a certain inertia in shifting deposits from one institution to another. On balance, a considerably more moderate rise in consumer type time deposits is expected in September than in August, and a further tapering appears in prospect for the fourth quarter.

(15) Growth of M_3 in the August-September period--at around 5-1/2--7-1/2 per cent annual rate--is expected to be more moderate than in M_2, since the shift in funds from thrift institutions to banks raise the M_2 figures relative to M_3. By the fourth quarter, we would expect most of this divergence to disappear, and growth rates of consumer-type time and savings deposits at banks and thrift institutions are both projected at around 7 per cent.

(16) Looking to all three money concepts, by the fourth quarter M_1 is indicated to be expanding at a 3-1/2 per cent annual rate under alternative B, while M_2 and M_3 growth is expected to be around 5-1/2 and 6 per cent, respectively. For M_2 and M_3, these would be lowest quarterly growth rates since early 1970.

(17) The aggregates are specified to show less growth under alternative C and more under alternative A. Under alternative C, the funds rate is expected to rise into the upper part of a 10 to 12-1/2 per cent range between now and mid-September. The wider range specified under this alternative reflects what we presume to be an increasing difficulty in forcing the public to further economize on cash holdings at a time when interest rates have already increased to historically high levels. Under alternative A, we would expect the funds rate to drop between now and the next meeting, though perhaps not to the bottom of the indicated range.

(18) Other key assumptions in the monetary relationships presented are: (a) continued strength in business loan demand on banks; (b) some reduction in demand for consumer and mortgage credit; (c) continued active demand by banks for large CD funds, though perhaps less aggressive demand than in the past four months taken as a whole; (d) greater bank reluctance to participate in the securities market, particularly under alternative C, in view of the wide spread of their borrowing costs over their return on portfolio. On balance, bank credit--as measured by the proxy--is expected to rise by around a 15--16 per cent annual rate in the August-September period, buoyed in part by a projected rise in U.S. Treasury deposits at commercial banks. Growth is likely to be considerably less rapid in the fourth quarter as credit demands fade somewhat, inflows of consumer-type time deposits abate, and Treasury deposits at banks decline.

(19) Most short-term rates appear to have adjusted to a 10-1/2 per cent funds rate. The 3-month Treasury bill rate was low relative to the funds rate during the inter-meeting period, and the recent market rally has carried it even lower. Some upward movement in the bill rate from recent levels can be expected if money market conditions remain taut, in sympathy with continued strong demands in the short-term area by banks, business, and Federal agencies. In addition, the bill market could be particularly affected if foreign central banks sell bills in the market or liquidate Treasury specials in financing a return flow of funds to the U.S.

(20) Given the still wide spread of short- over long- rates, it would appear that the recent market rally may have carried long rates lower than is sustainable. However, market participants are now especially sensitive to clues regarding System policy, and long-term rates could decline further if the market comes to believe that the aggregates are under control and monetary restraint has peaked. With the market as sensitive as it is, a significant move in the funds rate in either a tightening or easing direction is likely to be accompanied by prompt and rather sizable sympathetic adjustments in other interest rates.

Proposed directive

(21) Presented below are three alternative formulations for the operational paragraph of the directive, which are intended to correspond to the similarly lettered policy alternatives discussed in the preceding section. For all three alternatives it is proposed to delete the reference to international developments in light of the recent strong recovery of the dollar. Retention of the reference to domestic financial developments is proposed only for alternative C, the one alternative that contemplates a significant tightening of the money market. As will be noted, all three alternatives refer to growth rates in the aggregates "thus far this year." For the period through July, these are as follows: M_1, 6 per cent; M_2, 7-1/2 per cent; and the bank credit proxy, 13-1/2 per cent.

Alternative A

To implement this policy, ~~while-taking-account-of-international and-domestic-financial-market-developments-and-the-forthcoming-Treasury financing~~, the Committee seeks to achieve bank reserve and money market conditions consistent with SOMEWHAT slower growth in monetary aggregates over the months immediately ahead than HAS occurred on average ~~in-the-first-half-of-the~~ THUS FAR THIS year.

Alternative B

To implement this policy, ~~while-taking-account-of-international and-domestic-financial-market-developments-and-the-forthcoming Treasury-financing,~~ the Committee seeks to achieve bank reserve and money market conditions consistent with slower growth in monetary aggregates over the months immediately ahead than HAS occurred on average ~~in-the-first-half-of-the~~ THUS FAR THIS year.

Alternative C

To implement this policy, while taking account of ~~international~~ and domestic financial market developments ~~and-the-forthcoming Treasury-financing~~, the Committee seeks to achieve bank reserve and money market conditions consistent with SIGNIFICANTLY slower growth in monetary aggregates over the months immediately ahead than HAS occurred on average ~~in-the-first-half-of-the~~ THUS FAR THIS year.

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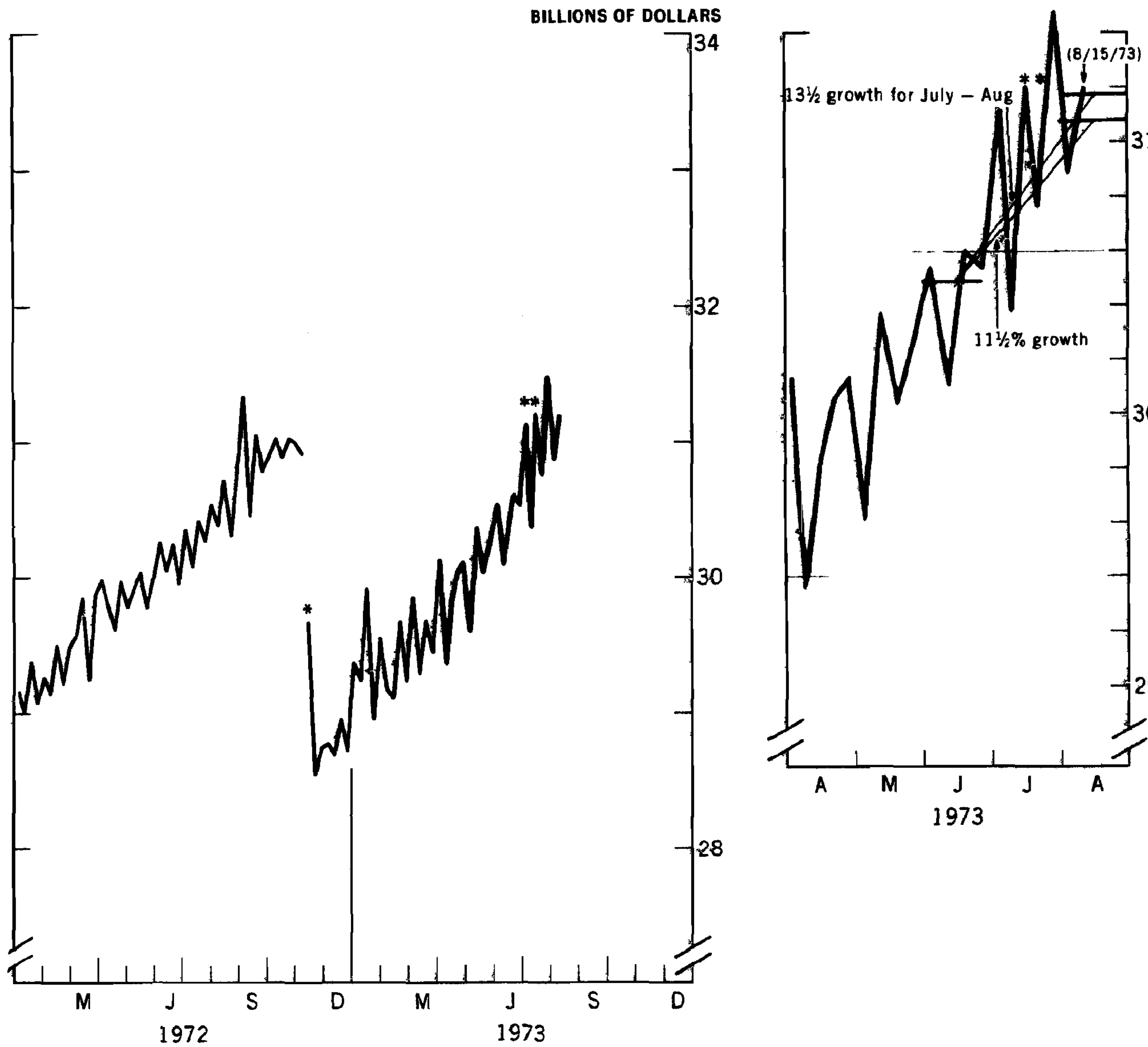
RESERVES AVAILABLE TO SUPPORT PRIVATE NONBANK DEPOSITS



* Break in Series, Actual Level of RPD After Reduction in Reserve Requirements Effective November 9, 1972
** RPD Adjusted to Remove Discontinuity Introduced by Increase in Reserve Requirements Effective July 19, 1973

CHART 2

MONETARY AGGREGATES

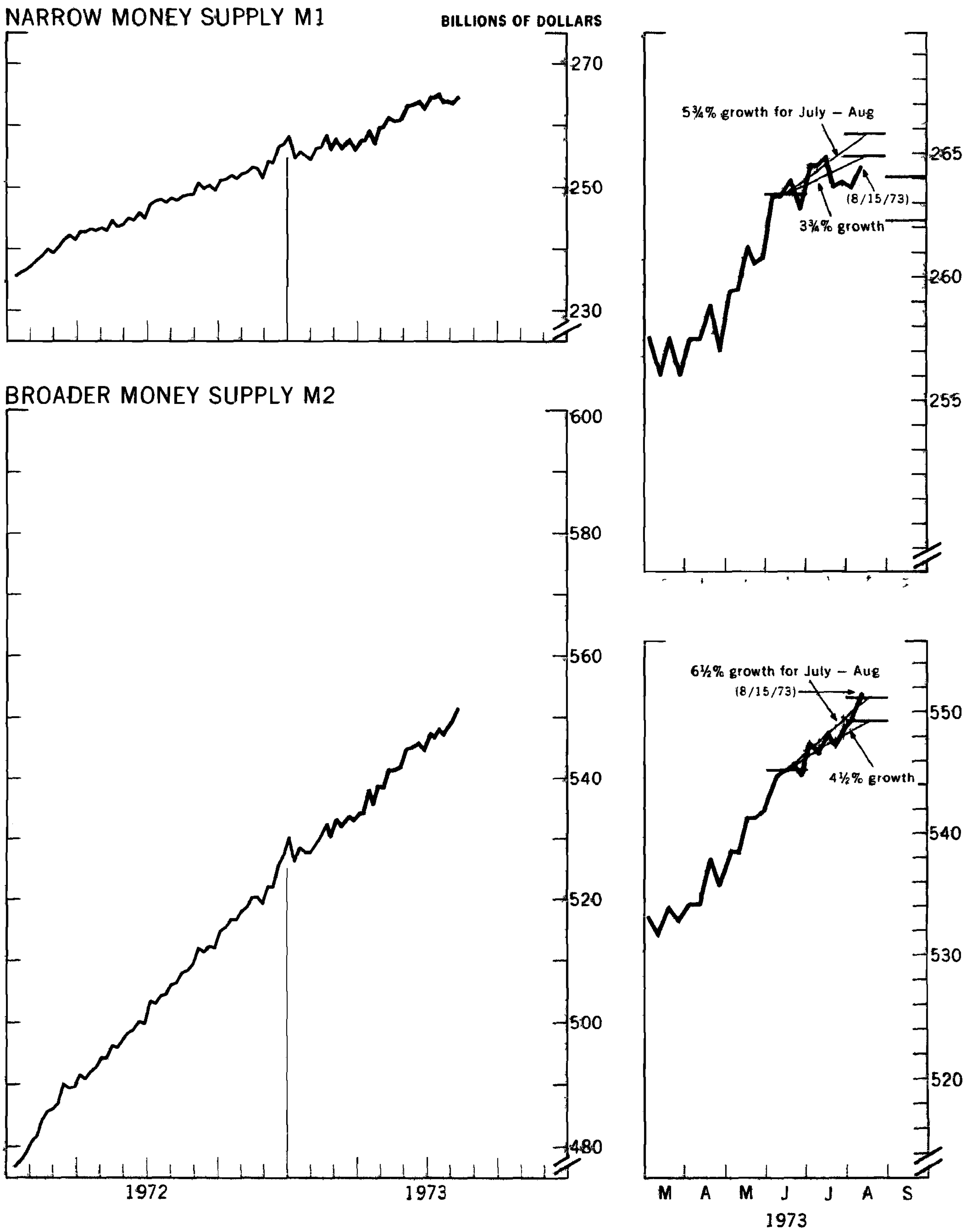
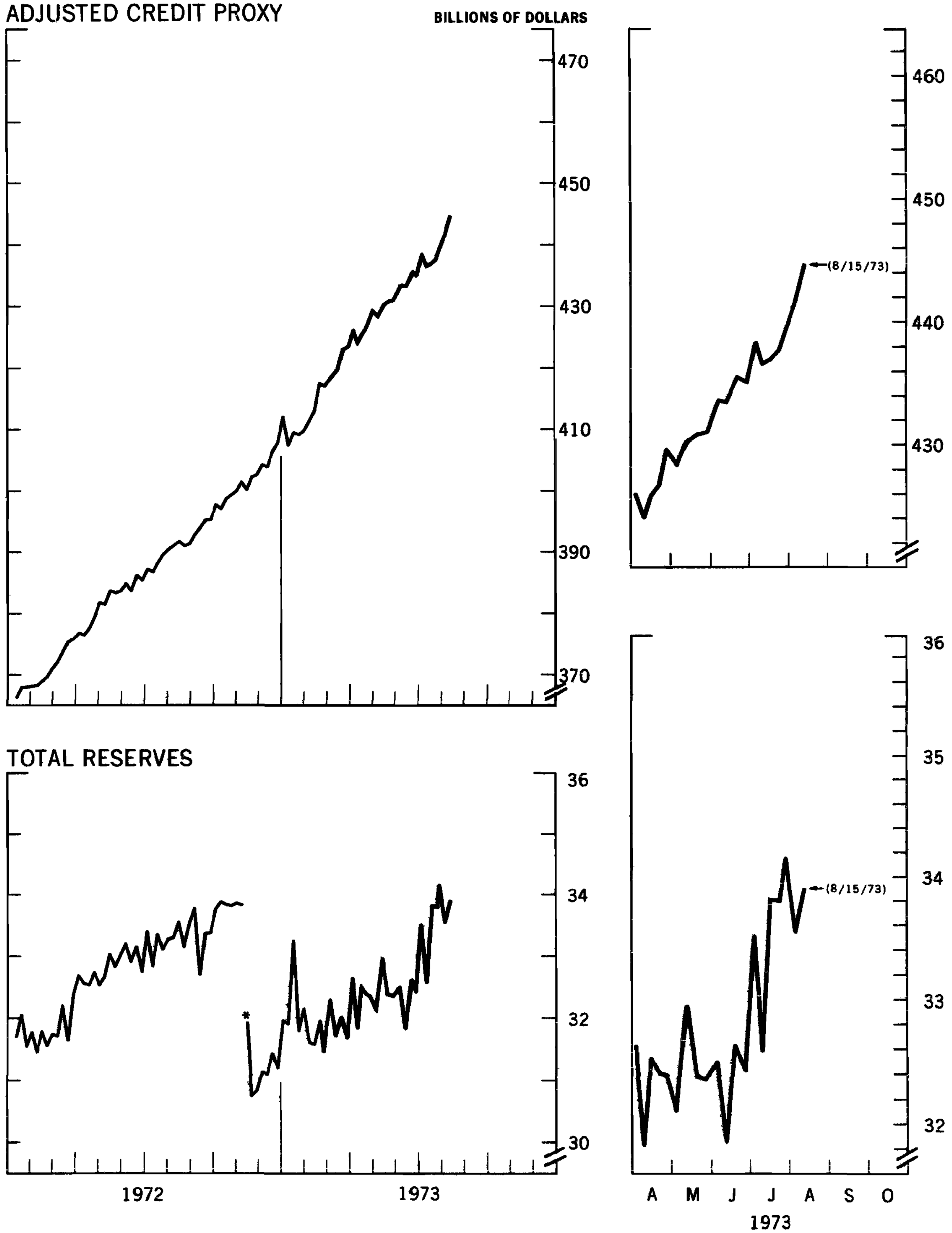


CHART 3

STRICTLY CONFIDENTIAL (FR)
8/17/73

MONETARY AGGREGATES



*Break in series; Actual Level of Total Reserves After Reduction in Reserve Requirements Effective November 9, 1972

CHART 4

MONEY MARKET CONDITIONS AND INTEREST RATES

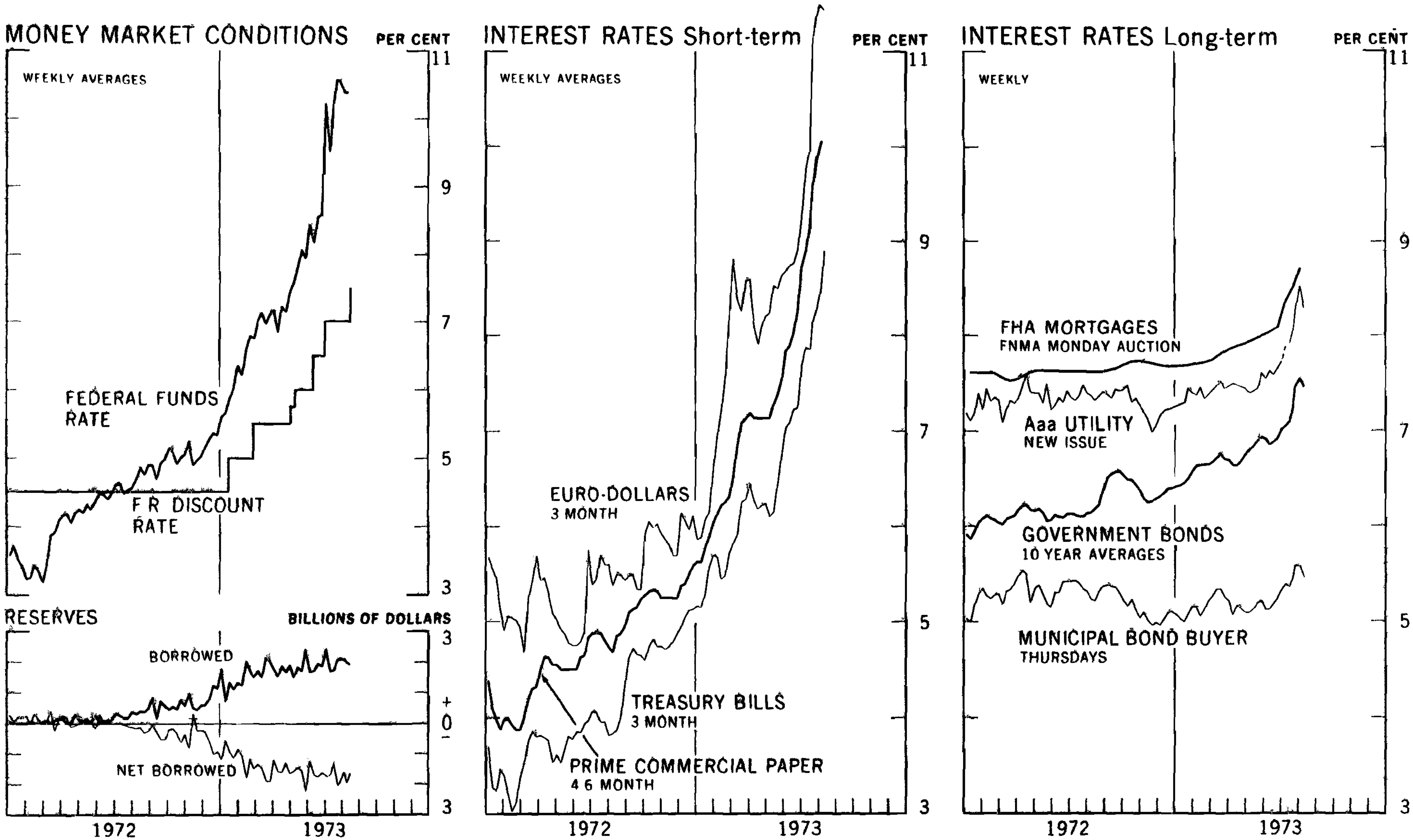


TABLE 1

STRICTLY CONFIDENTIAL

BANK RESERVES
(ACTUAL AND CURRENT PROJECTIONS)

AUGUST 17, 1973

PERIOD	RESERVES AVAILABLE FOR PRIVATE NONBANK DEPOSITS		AGGREGATE RESERVES		REQUIRED RESERVES — SEASONALLY ADJUSTED			
	SEAS ADJ	NON SEAS ADJ	TOTAL RESERVES	NONBORROWED RESERVES	PRIVATE DEMAND	OTHER TIME DEP	CD'S AND NON DEP	GOV'T AND INTERBANK
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MONTHLY LEVELS-$MILLIONS								
1973--APR.	29,860	29,893	32,326	30,167	18,870	7,777	2,970	2,465
MAY	30,095	29,931	32,445	30,195	18,967	7,842	3,119	2,350
JUNE	30,511	30,174	32,460	30,800	19,126	7,898	3,239	1,949
JULY	31,299	31,117	33,550	32,313	19,697	7,907	3,448	2,251
AUG.	(31,990)	(31,701)	(33,937)	(32,237)	(20,001)	(8,016)	(3,787)	(1,947)
ANNUAL RATES OF CHANGE								
QUARTERLY:								
1973--1ST QTR.	10.5		8.8	-7.1	2.9	7.7	90.2	
2ND QTR.	12.0		5.8	17.3	2.2	9.9	85.4	
3RD QTR.	(15.5)		(14.5)	(16.3)	(5.3)	(10.9)	(94.7)	
MONTHLY:								
1973--APR.	9.6		12.3	26.1	-9.5	10.9	135.3	
MAY	9.4		4.4	1.1	6.2	10.0	60.2	
JUNE	16.6		0.6	24.0	10.1	8.6	46.2	
JULY	17.6		26.2	44.1	14.5	1.4	77.4	
AUG.	(10.5)		(-3.0)	(-20.5)	(-7.2)	(16.5)	(118.0)	
JULY-AUG.	(14.1)		(11.6)	(11.4)	(3.6)	(9.0)	(101.5)	
WEEKLY LEVELS-$MILLIONS								
JUNE 6	30,530	29,953	32,485	31,012	18,961	7,876	3,229	1,955
13	30,108	29,627	31,862	29,755	18,986	7,890	3,244	1,754
20	30,596	30,265	32,624	30,575	19,261	7,908	3,172	2,029
27	30,554	30,479	32,425	30,918	19,187	7,917	3,302	1,870
JULY 4	31,113	30,965	33,501	32,126	19,324	7,896	3,256	2,388
11	30,383	30,147	32,578	31,647	19,294	7,892	3,338	2,195
18	31,294	31,044	33,803	32,806	19,420	7,926	3,477	2,509
25	31,533	31,458	33,790	32,294	20,141	7,891	3,524	2,257
AUG. 1	32,225	32,039	34,143	32,558	20,224	7,929	3,580	1,917
8	31,654	31,378	33,536	31,666	20,039	7,942	3,676	1,882
15	31,961	31,669	33,901	32,200	19,970	8,007	3,733	1,940

NOTE: DATA SHOWN IN PARENTHESES ARE CURRENT PROJECTIONS. ANNUAL RATES OF GROWTH HAVE BEEN ADJUSTED FOR CHANGES IN RESERVE REQUIREMENTS EFFECTIVE JULY 19, 1973.

1/ AT THE FOMC MEETING JULY 17, 1973 THE COMMITTEE AGREED ON A RPD RANGE OF 11-1/2 TO 13-1/2 PER CENT.

TABLE 2

STRICTLY CONFIDENTIAL

MONETARY AGGREGATES
(ACTUAL AND CURRENT PROJECTIONS, SEASONALLY ADJUSTED)

AUGUST 17, 1973

PERIOD	MONEY SUPPLY NARROW (M1)	MONEY SUPPLY BROAD (M2)	ADJUSTED CREDIT PROXY	U.S. GOVT. DEPOSITS	TIME AND SAVINGS DEPOSITS TOTAL	OTHER THAN CD S	CD S	NONDEPOSIT SOURCES OF FUNDS
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MONTHLY LEVELS-$BILLIONS								
1973--APR.	258.2	536.2	426.2	5.8	336.7	278.0	58.7	5.1
MAY	260.5	540.6	430.5	4.6	341.8	280.1	61.7	5.4
JUNE	263.2	545.3	434.5	5.1	344.1	282.0	62.0	5.6
JULY	264.5	547.8	437.9	3.4	347.8	283.3	64.5	6.5
AUG.	(264.7)	(552.0)	(444.7)	(4.5)	(354.0)	(287.3)	(66.6)	(6.8)
PERCENT ANNUAL GROWTH								
QUARTERLY								
1973--1ST QTR.	1.7	5.7	15.0		23.1	9.5		
2ND QTR.	10.3	9.5	12.2		16.0	8.7		
3RD QTR.	(4.0)	(7.7)	(13.6)		(16.2)	(11.2)		
MONTHLY								
1973--APR.	7.5	8.1	13.1		21.0	8.7		
MAY	10.7	9.8	12.1		18.2	9.1		
JUNE	12.4	10.4	11.1		8.1	8.1		
JULY	5.9	5.5	9.4		12.9	5.5		
AUG.	(0.9)	(9.2)	(18.6)		(21.4)	(16.9)		
JULY-AUG.	(3.4)	(7.4)	(14.1)		(17.3)	(11.3)		
WEEKLY LEVELS-$BILLIONS								
JUNE 6	263.2	544.8	433.5	4.7	342.9	281.6	61.3	5.5
13	263.3	545.2	433.4	4.5	343.8	281.9	61.9	5.5
20	263.9	545.8	435.4	6.1	343.5	281.9	61.6	5.7
27	262.8	544.8	435.1	5.6	344.7	282.0	62.6	5.7
JULY 4	264.5	547.4	438.3	5.4	346.1	283.0	63.1	5.9
11	264.5	546.8	436.7	3.1	346.3	282.4	63.9	6.3
18	264.8	548.0	437.0	2.5	347.6	283.2	64.4	6.5
25 P	263.7	547.2	437.7	3.3	348.8	283.4	65.4	6.8
AUG. 1 P	263.8	548.5	439.4	3.5	350.2	284.7	65.5	6.8
8 P	263.6	549.4	441.6	4.4	351.7	285.8	65.9	6.5
15 PE	264.5	551.5	444.7	4.5	353.6	287.0	66.6	7.2

NOTE: DATA SHOWN IN PARENTHESES ARE CURRENT PROJECTIONS.

P - PRELIMINARY
PE - PARTIALLY ESTIMATED

Table 3

RESERVE EFFECTS OF
OPEN MARKET OPERATIONS AND OTHER RESERVE FACTORS
(Millions of dollars, not seasonally adjusted)

Period	Open Market Operations 1/					Daily Average Reserve Effect 2/			Δ in reserve categories		Δ Target
	Bills & Accept.	Coupon Issues	Agency Issues	RP's Net 3/	Total	Open Market Operations	Δ Member Bank Borrowing	Other 4/ Factors	req. res. against U.S.G. and interb.	available res. 5/ (6)+(7)+(8)-(9)	available reserves 5/
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Monthly											
1973 -- Jan.	1,336	--	--	862	2,197	1,116	117	376	278	1,331	995
Feb.	659	196	-18	-193	644	146	428	-1,794	-109	-1,111	-1,140
Mar.	1,109	--	-14	542	1,636	1,689	265	-1,723	156	75	-40
Apr.	1,332	207	-19	-414	1,106	1,323	-137	-884	-74	376	505
May	-506	--	-21	-942	-1,470	1,437	66	-1,392	45	66	200
June	649	228	209	--	1,085	-1,450	1	1,084	-470	105	175
July	1,073	27	168	1,148	2,416	2,090	263	-850	318	1,185	795
Aug.											680
Sept.											
Weekly											
1973 -- June 6	-1,107	--	--	1,955	848	-140	-737	869	-77	69	
13	-198	--	-19	-3,195	-3,412	-2,156	36	1,499	-295	-326	
20	293	--	--	3,377	3,670	968	230	-493	67	638	
27	590	--	229	-1,262	-444	951	-82	-945	-292	216	
July 4	464	228	--	2,699	3,390	1,937	554	-1,387	618	486	
11	380	27	--	-5,499	-5,093	-793	-722	694	-3	-818	
18	-432	--	--	3,629	3,193	250p	42p	878p	273p	897p	
25	21	--	168	-656	-466	-22p	358p	-204p	-282p	414p	
Aug. 1	788	--	--	952	1,740	674p	14p	-467p	-360p	581p	
8	-198	--	--	-4,165	-4,363	-1,019p	-86p	489p	45p	-661p	
15	-515	351*	--	-59	-223	- 931p*	-92p	1,378p	62p	293p	
22											
29											

1/ Represents change in System's portfolio from end-of-period to end-of-period; includes redemptions in regular bill auctions.
2/ Represents change in daily average level from preceding period.
3/ Includes matched sale-purchase transactions as well as RP's.
4/ Sum of changes in vault cash, currency in circulation, Treasury operations, F.R. float, gold and foreign accounts, and other FR accounts.
5/ Reserves to support private nonbank deposits. Target change for July and August reflects the target adopted at the July 17, 1973 FOMC meeting. Target change for previous months reflects the bluebook patterns that are consistent with target ranges that were adopted during the month.

*Includes special certificate (i.e., borrowing by Treasury from FR).

Table 4

SECURITY DEALER POSITIONS AND BANK POSITIONS
Millions of Dollars

Period	U. S. Govt. Security Dealer Positions		Other Security Dealer Positions		Member Bank Reserves Positions				
	Bills	Coupon Issues	Corporate Bonds	Municipals Bonds	Excess** Reserves	Borrowing at FRB** Total	Borrowing at FRB** Seasonal	Basic Reserve Deficit 8 New York	Basic Reserve Deficit 38 Other
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1972 -- High	4,291	1,585	235	383	796	1,223		-5,635	-5,720
Low	1,916	-93	0	40	-133	12		-1,638	-1,910
1973 -- High	3,718	1,125	175	244	631	2,402		-5,243	-7,267
Low	897	-96	0	45	-86	688		-1,831	-4,839
1972 -- July	2,262	97	142	166	147	202		-2,945	-2,603
Aug.	2,643	692	114	176	255	438		-3,913	-2,801
Sept.	4,099	170	53	174	162	514		-3,835	-4,024
Oct.	2,887	207	105	132	247	574		-3,637	-4,044
Nov.	3,096	1,039	84	191	314	606		-4,561	-3,622
Dec.	3,510	953	58	291	219	1,049		-4,977	-4,958
1973 -- Jan.	3,407	720	27	177	289	1,161		-4,550	-5,469
Feb.	2,132	562	77	123	207	1,594		-4,187	-5,436
Mar.	2,490	-50	24	125	177	1,825		-4,273	-5,847
Apr.	2,457	106	12	60	255	1,688	3	-3,293	-6,577
May	1,894	421	66	151	161	1,843	30	-3,019	-5,872
June	2,281	562	33	120	234	1,851	75	-3,507	-6,443
July	1,425	265	24	139	250p	1,953p	131p	-2,488p	-6,096p
1973 -- June 6	2,608	462	0	57	401	1,664	64	-2,934	-5,772
13	2,686	551	100	130	2	1,700	67	-4,181	-6,829
20	2,234	641	1	111	181	1,930	73	-3,875	-6,581
27	1,709	622	30	183	224	1,848	93	-2,932	-6,541
July 4	2,013	391	0	134	631	2,402	111	-2,771	-6,137
11	1,382	373	77	129	-20	1,680	117	-2,860	-7,267
18	1,472	328	10	144	405p	1,722p	117p	-2,202	-6,651
25	*1,362	* 234	10	148	16p	2,080p	128p	-2,374	-5,176
Aug. 1	*1,193	* 58	0	86	476p	2,094p	141p	-2,262	-4,725
8	* 897	* 112	0	53	24p	2,008p	158p	-2,411p	-5,490p
15	*2,060	* -18	10p	60p	259p	1,916p	148p	-2,706p	-6,097p
22									
29									

Notes: Government Security dealer trading positions are on a commitment basis. Trading positions, which exclude Treasury bills financed by repurchase agreements maturing in 16 days or more, are indicators of dealer holdings available for sale over the near-term. Other security dealer positions are debt 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.

**Beginning with January 1973, monthly averages for excess reserves and borrowings are weighted averages of statement week figures.

Table 5

SELECTED INTEREST RATES

Per cent

Period	Short-term						Long-term				
	Federal funds	Treasury bills		90-119 day Commercial Paper	CD's New issue-NYC		Aaa Utility		Municipal Bond Buyer	U.S. Government (10-yr. Constant maturity)	FNMA Auction Yields
		90-day	1-year		60-89 day	90-119 day	New Issue	Recently offered			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1972 -- High	5.38	5.13	5.52	5.50	5.38	5.50	7.60	7.46	5.54	6.58	7.72
Low	3.18	3.03	3.60	3.75	3.13	3.50	6.99	7.12	4.96	5.87	7.54
1973 -- High	10.58	8.89	8.43	10.25	10.38	10.50	8.52	8.30	5.59	7.55	8.71
Low	5.61	5.15	5.42	5.63	5.38	5.50	7.29	7.26	5.00	6.42	7.69
1972 -- July	4.55	3.98	4.90	4.83	4.63	4.75	7.38	7.37	5.41	6.11	7.63
Aug.	4.80	4.02	4.90	4.75	4.65	4.78	7.37	7.34	5.30	6.21	7.63
Sept.	4.87	4.66	5.44	5.07	4.88	5.00	7.40	7.42	5.36	6.55	7.65
Oct.	5.04	4.74	5.39	5.21	5.00	5.19	7.38	7.38	5.19	6.48	7.72
Nov.	5.06	4.78	5.20	5.18	5.00	5.13	7.09	7.18	5.02	6.28	7.71
Dec.	5.33	5.07	5.28	5.40	5.19	5.38	7.15	7.18	5.05	6.36	7.68
1973 -- Jan.	5.94	5.41	5.58	5.76	5.63	5.75	7.38	7.35	5.05	6.46	7.69
Feb.	6.58	5.60	5.93	6.17	6 16	6.28	7.40	7.41	5.13	6.64	7.72
Mar.	7.09	6.09	6.53	6.76	6.78	6.75	7.49	7.51	5.29	6.71	7.78
Apr.	7.12	6.26	6.51	7.13	7.04	6.75	7.48	7.48	5.15	6.67	7.89
May	7.84	6.36	6.63	7.26	7.44	7.41	7.51	7.50	5.15	6.85	7.96
June	8.49	7.19	7.05	8.00	7.98	8.13	7.64	7.64	5.18	6.90	8.07
July	10.40	8.01	7.97	9.26	9.09	9.19			5.40	7.13	8.46
1973 -- June 6	8.43	7.03	6.95	7.68	7.75	7.88	7.63	7.59	5.13	6.92	--
13	8.17	7.09	6.93	7.88	7.88	8.00	7.59	7.60	5.13	6.86	8.04
20	8.55	7.22	6.98	8.03	8.00	8.13	7.66	7.69	5.19	6.89	--
27	8.59	7.24	7.14	8.18	8.30	8.50	7.73	7.72	5.25	6.93	8 09
July 4	10.21	7.69	7.62	8.56	8.63	8.75	--	7.80	5.34	7.02	--
11	9.52	7.87	7.65	8.88	9.00	9.00	7.92	7.85	5.40	7.05	8.38
18	10.22	7.85	7.75	9.10	9.13	9.25	7.92	7.94	5.37	7.09	--
25	10.58	8.14	8.24	9.58	9.63	9.75	8.03	8.12	5.48	7.24	8.54
Aug. 1	10.57	8.28	8.43	9.85	9.88	10.00	8.31	8.28	5.59	7.48	--
8	10.39	8.48	8.41	10.08	10.13	10.25	8.52	8 30	5.58	7.54	8.71
15	10.39	8.89	8.41	10.25	10.38	10.50	8.30p	8.16p	5.47	7.46p	--
22											
29											

Notes: Weekly data for columns 1 to 4 are statement week averages of daily data. Columns 5 and 6 are one-day Wednesday quotes. For columns 7, 8 and 10 the weekly date is the mid-point of the calendar week over which data are averaged. Column 9 is a one-day quote for the Thursday following the end of the statement week. Column 11 gives FNMA auction data for the Monday preceding the end of the statement week. The FNMA auction yield is the yield in the bi-weekly auction for short-term forward commitments for Government underwritten mortgages.

Appendix Table I

CONFIDENTIAL (FR)

RESERVES AND MONETARY VARIABLES

August 17, 1973

Period	Reserves: Total (1)	Reserves: Nonborrowed (2)	Reserves: Available to Support Pvt. Deposits (3)	Money Stock Measures: M_1 (4)	Money Stock Measures: M_2 (5)	Money Stock Measures: M_3 (6)	Bank Credit Measures: Adjusted Credit Proxy (7)	Bank Credit Measures: Total Loans and Investments (8)	Other: Total Time (9)	Other: Time Other than CD's (10)	Other: Thrift Institution Deposits (11)	CD's (12)	Nondeposit Funds (13)	U.S. Gov't. Demand (14)
	(Per Cent Annual Rates of Growth)											(Dollar Change in Billions)		
Annually:														
1968	+7.5	+5.3	+8.1	+7.8	+9.3	+8.3	+9.5	+11.0	+11.5	+11.2	+6.4	+2.9	+2.6	-0.6
1969	-1.1	-2.8	-1.7	+3.6	+2.6	+2.9	+0.4	+3.9	-4.8	+1.4	+3.5	-12.4	+13.0	+0.5
1970	+6.1	+9.6	+8.6	+6.0	+8.4	+8.0	+8.2	+8.1	+17.9	+11.1	+7.7	+14.4	-8.4	+1.1
1971	+7.2	+8.1	+7.2	+6.6	+11.4	+13.5	+9.4	+11.3	+18.2	+16.7	+17.5	+7.7	-7.6	-0.3
1972	+10.6	+7.1	+9.7	+8.3	+10.8	+13.0	+11.6	+14.6	+15.5	+13.3	+16.8	+10.1	+0.4	+0.4
Semi-Annually:														
1st Half 1971	+9.7	+9.6	+10.7	+10.1	+14.9	+16.4	+10.1	+11.5	+21.6	+20.0	+19.6	+4.3	-7.1	-1.4
2nd Half 1971	+4.4	+6.3	+3.4	+3.0	+7.4	+9.8	+8.4	+10.6	+13.4	+12.1	+14.0	+3.4	-0.4	+1.1
1st Half 1972	+11.7	+12.1	+8.6	+7.7	+10.8	+13.0	+11.4	+12.8	+15.4	+13.7	+17.3	+4.4	-0.3	--
2nd Half 1972	+9.0	+2.0	+10.4	+8.5	+10.3	+12.1	+11.1	+15.5	+14.5	+12.1	+15.0	+5.7	+0.6	+0.4
1st Half 1973	+7.4	+4.9	+11.4	+6.0	+7.7	+9.1	+13.8	+14.3	+20.0	+9.2	+11.6	+18.9	+1.2	-1.4
Quarterly:														
3rd Qtr. 1971	+6.5	+6.6	+3.2	+4.1	+6.0	+8.9	+6.7	+9.7	+9.8	+8.0	+14.2	+1.7	-0.4	+1.1
4th Qtr. 1971	+2.3	+6.0	+3.6	+1.9	+8.7	+10.5	+9.8	+11.1	+16.6	+15.9	+13.3	+1.8	--	-
1st Qtr. 1972	+10.4	+10.7	+10.4	+9.2	+12.7	+14.9	+11.0	+15.7	+15.4	+16.1	+19.7	+0.8	-0.3	[illegible]
2nd Qtr. 1972	+12.6	+13.1	+6.6	+6.1	+8.5	+10.7	+11.5	+9.5	+14.8	+10.8	+14.3	+3.7	--	+0.5
3rd Qtr. 1972	+3.6	-0.8	+9.9	+8.2	+10.3	+12.4	+9.8	+13.9	+14.0	+12.3	+16.2	+2.4	+0.4	-1.1
4th Qtr. 1972	+14.2	+4.8	+10.6	+8.6	+10.2	+11.5	+12.1	+16.4	+14.4	+11.6	+13.2	+3.3	+0.3	+1.4
1st Qtr. 1973	+8.8	-7.1	+10.5	+1.7	+5.7	+8.6	+15.0	+1[illegible].4	+23.1	+9.5	+13.6	+11.7	+0.5	+0.9
2nd Qtr. 1973	+5.8	+17.3	+12.0	+10.3	+9.5	+9.4	+12.2	+9.8	+16.0	+8.7	+9.3	+7.1	+0.7	-2.4
1972: Jan.	+21.8	+26.7	+11.0	+1.0	+10.4	+13.2	+9.2	+14.2	+17.7	+19.2	+23.3	+0.1	-0.1	+0.2
Feb.	-5.2	-5.7	+6.5	+14.7	+15.1	+16.8	+7.2	+12.4	+16.2	+15.4	+16.6	+0.6	0.3	-1.7
Mar.	+16.5	+11.0	+13.4	+11.5	+17.4	+14.2	+16.2	+19.9	+11.6	+13.2	+18.2	+0.1	+0.1	+1.1
Apr.	+22.1	+21.7	+6.8	+8.0	+7.9	+10.7	+12.2	+5.4	+12.8	+7.8	+13.4	+1.5	0.2	+1.1
May	+8.8	+9.4	+3.9	+4.0	+8.3	+10.1	+15.6	+20.0	+18.2	+13.0	+21.6	+1.5	+0.2	+0.7
June	+6.4	+8.0	+9.0	+6.4	+9.2	+11.1	+6.6	+2.3	+12.9	+11.4	+16.9	+0.7	--	-1.3
July	+5.2	+2.9	+6.9	+12.7	+12.5	+13.9	+10.0	+9.0	+13.6	+12.3	+16.7	+0.8	+0.1	-1.0
Aug.	+7.6	+0.7	+9.7	+4.4	+9.3	+11.6	+9.6	+17.9	+15.9	+14.0	+14.9	+0.8	+0.3	-0.7
Sept.	-1.9	-6.1	+12.9	+7.2	+8.7	+11.2	+9.5	+14.4	+12.0	+10.2	+16.3	+0.8	-0.1	+0.6
Oct.	+18.2	+15.5	+3.2	+7.2	+10.1	+12.0	+11.9	+10.7	+11.5	+12.8	+14.5	+0.2	+0.2	+1.2
Nov.	+11.4	+9.8	+20.8	+5.2	+7.9	+ 9.8	+10.5	+21.2	+14.2	+10.4	+12.3	+1.2	--	+0.6
Dec.	+12.5	-10.9	+7.7	+13.3	+12.2	+12.4	+13.4	+16.7	+17.1	+11.2	+12.5	+1.9	+0.1	-0.4
1973: Jan.	+35.8	+31.3	+22.8	-0.5	+6.4	+9.8	+8.3	+15.4	+15.7	+12.9	+19.5	+1.2	+0.1	-0.6
Feb.	-22.1	-41.3	-4.7	+6.1	+5.9	+9.0	+16.4	+20.3	+21.6	+5.7	+9.1	+4.5	--	+0.1
Mar.	+13.3	-10.5	+13.4	-0.5	+4.7	+6.9	+19.7	+18.7	+30.9	+9.6	+11.7	+6.1	+0.4	+0.3
Apr.	+12.3	+26.1	+9.6	+7.5	+8.1	+8.4	+13.1	+6.4	+21.0	+8.7	+6.4	+3.8	+0.2	-1.7
May	+4.4	+1.1	+9.4	+10.7	+9.8	+9.1	+12.1	+19.0	+18.2	+9.1	+9.3	+3.1	+0.3	-1.2
June	+0.6	+24.0	+16.6	+12.4	+10.4	+10.4	+11.1	+3.8	+8.1	+8.1	+12.1	+0.3	+0.2	+0.5
July p	+26.2	+44.1	+17.6	+5.9	+5.5	+5.7	+9.4	+10.8	+12.9	+5.5	-0.5	+2.4	+0.9	-1.7

NOTE: Reserve requirements on Eurodollar borrowings are included beginning October 16, 1969, and requirements on bank-related commercial paper are included beginning October 1, 1970

p - Preliminary.

Appendix Table II

CONFIDENTIAL (FR)

RESERVES AND MONETARY VARIABLES
(Seasonally adjusted, billions of dollars)

August 17, 1973

Period	RESERVES			MONEY STOCK MEASURES				BANK CREDIT MEASURES			OTHER				
	Total	Non-borrowed	Available to Support Pvt. Deposits	M_1 Total	M_1 Pvt. Dep.	M_2	M_3	Adjusted Credit Proxy	Total Loans and Investments	Total Time	Time Other than CD's	Thrift Institution Deposits	CD's	Non-Deposits Funds	U.S. Gov't Demand
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Annually:															
Dec. 1969	27,959	26,699	25,339	208.8	162.7	392.3	594.0	307.7	406.0	194.4	183.5	201.7	10.9	20.0	5.3
Dec. 1970	29,121	28,727	26,975	221.3	172.2	425.2	641.3	332.9	438.9	229.2	203.9	216.1	25.3	11.6	6.5
Dec. 1971	31,209	31,060	28,907	236.0	183.4	473.8	727.7	364.3	488.6	270.9	237.9	253.8	33.0	4.0	6.1
Monthly:															
1972--Jan.	31,776	31,751	29,172	236.2	183.3	477.9	735.7	367.1	494.4	274.9	241.7	257.8	33.2	4.0	6.3
Feb.	31,639	31,601	29,329	239.1	185.8	483.9	746.0	369.3	499.5	278.6	244.8	262.1	33.7	3.6	4.6
Mar.	32,021	31,891	29,656	241.4	187.7	488.9	754.8	374.3	507.8	281.3	247.5	265.9	33.8	3.7	5.7
Apr.	32,612	32,467	29,824	243.0	189.1	492.1	761.5	378.1	510.1	284.3	249.1	269.4	35.2	3.5	6.8
May	32,852	32,720	29,920	243.8	189.6	495.5	767.9	383.0	518.6	288.6	251.8	272.4	36.8	3.7	7.5
June	33,027	32,938	30,144	245.1	190.7	499.3	775.0	385.1	519.8	291.7	254.2	275.7	37.5	3.8	6.2
July	33,171	33,018	30,317	247.7	193.1	504.5	784.0	388.3	523.7	295.0	256.8	279.6	38.3	3.9	5.2
Aug.	33,381	33,038	30,562	248.6	193.8	508.4	791.6	391.4	521.5	298.9	259.8	283.2	39.1	4.2	4.5
Sept.	33,327	32,870	30,890	250.1	194.8	512.1	799.0	394.5	537.9	301.9	262.0	286.9	39.8	4.1	5.1
Oct.	33,832	33,295	30,973	251.6	195.9	516.4	807.0	398.4	542.7	304.8	264.8	290.6	40.0	4.3	6.3
Nov.	31,883	31,297	29,496	252.7	196.5	519.8	813.6	401.9	552.3	308.4	267.1	293.8	41.2	4.3	6.9
Dec.	31,309	30,063	28,862	255.5	198.7	525.1	822.0	406.4	560.0	312.8	269.6	296.9	43.2	4.4	6.5
1973--Jan.	32,242	30,848	29,411	255.4	198.4	527.9	828.7	409.2	567.2	316.9	272.5	300.8	44.4	4.5	7.1
Feb.	31,649	29,787	29,296	256.7	199.3	530.5	834.9	414.8	576.8	322.6	273.8	304.4	48.8	4.5	7.2
Mar.	31,999	29,526	29,622	256.6	198.7	532.6	839.7	421.6	585.8	330.9	276.0	307.0	54.9	4.9	7.5
Apr.	32,326	30,167	29,860	258.2	199.5	536.2	845.6	426.2	588.9	336.7	278.0	309.4	58.7	5.1	5.8
May	32,445	30,195	30,095	260.5	201.6	540.6	852.0	430.5	598.2	341.8	280.1	311.4	61.7	5.4	4.6
June	32,460	30,800	30,511	263.2	203.9	545.3	859.4	434.5	600.1	344.1	282.0	314.1	62.0	5.6	5.1
July p	33,550	32,313	31,299	264.5	205.1	547.8	863.5	437.9	605.5	347.8	283.3	315.6	64.5	6.5	3.4
Weekly:															
1973--Apr. 4	32,628	30,579	30,128	257.5	199.3	534.1		426.0		334.3	276.6		57.7	4.9	7.7
11	31,838	29,319	29,366	257.5	198.9	534.1		424.1		335.6	276.6		59.0	4.9	5.4
18	32,519	29,219	29,831	258.9	200.2	537.9		425.8		337.1	279.0		58.1	5.2	4.6
25	32,402	30,843	30,045	257.0	198.2	535.6		426.7		337.4	278.6		58.8	5.4	6.0
May 2	32,387	30,427	30,120	259.4	200.8	538.4		429.5		338.2	279.0		59.3	5.2	6.8
9	32,114	29,620	29,620	259.5	200.2	538.3		428.4		340.0	278.8		61.1	5.0	5.4
16	32,940	29,490	30,360	261.2	202.3	541.2		430.2		341.7	279.9		61.8	5.4	4.1
23	32,384	29,971	30,037	260.6	201.6	541.2		430.8		342.9	280.7		62.3	5.7	3.8
30	32,353	30,570	30,293	260.8	201.8	541.8		431.0		343.6	281.0		62.6	5.7	3.9
June 6	32,485	31,012	30,530	263.2	203.9	544.8		433.5		342.9	281.6		61.3	5.5	4.7
13	31,862	29,755	30,108	263.3	203.8	545.2		433.4		343.8	281.9		61.9	5.5	4.5
20	32,624	30,575	30,596	263.9	204.5	545.8		435.4		343.5	281.9		61.6	5.7	6.1
27	32,425	30,918	30,554	262.8	203.5	544.8		435.1		344.7	282.0		62.6	5.7	5.6
July 4	33,501	32,126	31,113	264.5	205.0	547.4		438.3		346.1	283.0		63.1	5.9	5.4
11	32,578	31,647	30,383	264.5	205.0	546.8		436.7		346.3	282.4		63.9	6.3	3.1
18	33,803	32,806	31,294	264.8	205.4	548.0		437.0		347.6	283.2		64.4	6.5	2.5
25 p	33,790	32,294	31,533	263.7	204.3	547.2		437.7		348.4	283.4		65.4	6.8	3.3
Aug. 1 p	34,143	32,558	32,225	263.8	204.5	548.5		439.4		350.2	284.7		65.5	6.8	3.5
8 p	33,536	31,666	31,654	263.6	203.7	549.4		441.6		351.7	285.8		65.9	6.5	4.4

p - Preliminary

NOTE: Reserve requirements on Euro-dollar borrowings are included beginning October 16, 1969, and requirements on bank-related commercial paper are included beginning October 1, 1970. Adjusted credit proxy includes mainly total member bank deposits subject to reserve requirements, bank-related commercial paper, and Euro-dollar borrowings of U.S. banks. Weekly data are daily averages for statement weeks. Monthly data are daily averages except for non-bank commercial paper figures which are for last day of month. Weekly data are not available for M_3, total loans and investments and thrift institution deposits.

APPENDIX TABLE III

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

		M_1		M_2		M_3	
		M	Q	M	Q	M	Q
1971	I	8.9	6.3	17.1	13.7	18.0	14.8
	II	11.1	11.2	12.1	14.8	14.1	16.3
	III	4.1	7.1	6.0	8.2	8.9	10.6
	IV	1.9	2.2	8.7	7.4	10.4	9.6
1972	I	9.2	5.3	12.7	11.1	14.9	13.2
	II	6.1	8.4	8.5	10.0	10.7	12.1
	III	8.2	8.0	10.3	10.3	12.3	12.2
	IV	8.6	7.1	10.2	9.5	11.4	11.4
1973	I	1.7	4.7	5.7	7.7	8.8	10.0
	II	10.3	6.9	9.5	7.8	9.2	8.5

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

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