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Not for publication

December 18, 1970.

FEDERAL RESERVE BANK
of KANSAS CITY
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BANKING AND MONETARY DEVELOPMENTS IN NOVEMBER 1970

Summary. Commercial bank credit, after adjustment for changes in loans sold to affiliates, increased somewhat in November following a small decline in October. Holdings of municipal and Federal agency issues continued to expand sharply while holdings of U.S. Treasury issues and loans increased slightly following substantial contraction in October.

The money supply increased at an annual rate of 3.9 per cent in November, considerably faster than in October. Growth in time and savings deposits, while slowing somewhat further, remained substantial. U.S. Government deposits increased. Bank-related commercial paper and Euro-dollar borrowings declined further as did net borrowed reserves.

Changes in Commercial Bank Credit, Money Supply, and Time Deposits 1/

	Seasonally adjusted annual rates (per cent)							
	1968	1969			1970			
	Year	Year	Second Half	First Half	Third Qtr.	Jan.-Nov.	Oct.	Nov.
Total bank credit	11.0	3.1	2.0	2.5	17.0	7.1	0.8	9.3
U.S. Govt. sec.	3.0	-15.7	-15.6	8.5	25.9	9.7	-27.1	4.3
Other securities	16.4	--	-1.4	10.4	20.3	18.2	30.5	35.6
Loans	11.6	8.4	6.6	-0.5	14.3	3.8	-1.7	3.3
Business loans	11.1	10.6	7.4	0.9	12.4	2.8	-8.7	-3.3
Adjusted for loan sales to bank affiliates								
Total bank credit	11.0	4.0	2.9	4.5	13.9	6.9	-1.7	7.8
Loans	11.6	9.9	7.8	2.4	9.8	3.6	-5.3	1.2
Business loans	11.1	13.1	9.5	8.1	1.8	2.8	-13.8	-8.6
Money supply	7.8	3.1	1.2	5.9	6.1	5.4	1.1	3.9
Time deposits	11.1	-5.0	-6.6	7.8	32.2	17.0	20.3	15.1

1/ Changes in money supply and time deposits based on revised data.

Bank credit. Total loans and investments at all commercial banks, after adjustment for outstanding loans sold to affiliates, increased \$2.8 billion in November following a slight decline in October and an average monthly increase of almost \$5 billion during the third quarter. Most of the November expansion reflected net acquisitions of municipal and Federal agency securities concentrated at large city banks. Holdings of U.S. Government securities increased slightly more than usual at both large and small banks while total loans, which also increased slightly, were weak at the larger banks but relatively strong at the smaller banks. Over the January-November period, total credit increased at an annual rate of almost 7 per cent, more than half again as fast as over the year 1969.

Holdings of municipal, Federal agency, and other securities increased \$2.4 billion in November following increases almost as sharp in each of the two previous months. On balance, over the September-November period, the \$6.5 billion increase in these holdings was much larger than in any other three-month period on record. Most of the municipal acquisitions in November were short- and medium-term issues but banks also purchased some longer-term securities. Over the first 11 months of 1970, holdings of "other securities" increased at the relatively high annual rate of 18 per cent following no overall change in the year 1969.

Holdings of U.S. Treasury issues increased \$200 million in November following a substantial contraction in the previous month. On November 15, the Treasury offered two notes (3 years, 6 months and 5 years, 9 months) in exchange for a \$7.7 billion maturing note issue; over 90 per cent of the issue was exchanged. And on November 16, \$2 billion of new 18-month notes (payable 50 per cent in tax and loan accounts) were delivered. On balance, the Treasury raised \$1.3 billion of new cash as a result of the exchange and auction.

Total loans, after adjustment for outstanding loans sold to affiliates, increased \$300 million in November following a substantial decline in October. Business borrowing continued weak and over the three months ending November, these loans declined at an annual rate of over 10 per cent. Apparently, in November, corporations continued to use some of the proceeds of capital market financings to repay bank borrowings. Also, the auto strike and generally sluggish economic activity were presumably associated with weak loan demands.

Security loans--which had been increasing sharply since early summer--also declined somewhat in November reflecting in part net repayments as U.S. Government securities dealers reduced inventories. On the other hand, loans to nonbank financial institutions rose somewhat following little change over the 2 previous months and consumer and real estate loans continued to increase at the moderate pace prevailing over the past few months.

Money supply, time deposits, and nondeposit sources of funds. The money supply increased at an annual rate of 3.9 per cent in November after increasing only slightly in October. (Data are on revised basis.) Currency expansion slowed in November but this was more than offset by a rise in privately-held demand deposits which had declined in October. Over the January-November period the money supply increased at an annual rate of 5.4 per cent compared with 3.1 per cent over the year 1969. U.S. Government deposits also rose in November. On average, over recent months, these deposits have been considerably above their year-ago levels.

Growth in time and savings deposits slowed somewhat further in November--\$2.8 billion--compared with \$3.7 billion in October and with over \$5 billion per month during the third quarter. At large commercial banks both acquisitions of large negotiable CD's and inflows of consumer-type time and savings deposits were relatively strong but somewhat smaller than in most other recent months when growth had been exceptionally rapid. Over the first 11 months of 1970, time and savings deposits increased at an annual rate of 17 per cent following a 5 per cent reduction over the year 1969.

Nondeposit sources of funds declined \$1.4 billion further in November--or at about the same pace as in October but much below the sharp drop in September when reserve requirements on commercial paper had become effective. Bank-related commercial paper outstanding was reduced over \$500 million in November bringing the total reduction since July to \$4.6 billion and Euro-dollar borrowing was reduced over \$900 million bringing the reduction since May to \$3.8 billion. Funds obtained from other sources outside the United States and from loan RP's also drifted down over the summer months.

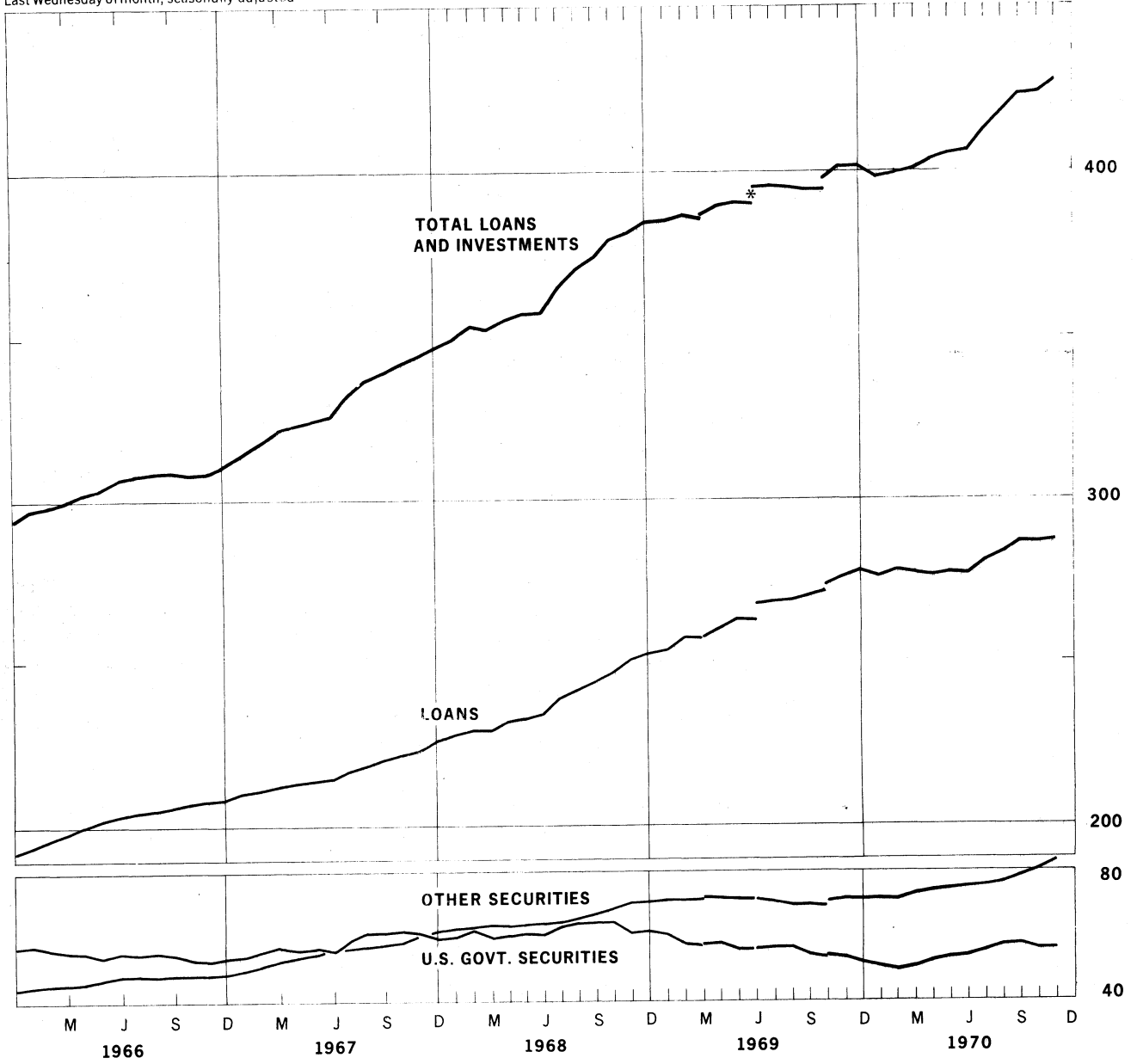
Bank reserves. Net borrowed reserves of member banks averaged about \$165 million over the 5 weeks ending December 2 compared with \$275 million in October. Member bank borrowings declined further and excess reserves rose.

Banking Section,
Division of Research and Statistics,
Board of Governors of the Federal Reserve System.

LOANS AND INVESTMENTS AT ALL COMMERCIAL BANKS

Last Wednesday of month, seasonally adjusted

Billions of dollars



* CHANGE IN SERIES.

Exhibit A - Part II

Loans and Investments at All Commercial Banks
(Seasonally Adjusted)

Date	Total	Loans	U.S. Gov't. securities	Other securities
(In b i l l i o n s o f d o l l a r s)				
1962--Dec. 31 <u>2/</u>	227.9	134.0	64.6	29.2
1963--Dec. 31 <u>2/</u>	246.2	149.6	61.7	35.0
1964--Dec. 31	267.2	167.7	60.7	38.7
1965--Dec. 31	294.4	192.6	57.1	44.8
1966--Dec. 31	310.5 <u>3/</u>	208.2 <u>3/</u>	53.6	48.7
1967--Dec. 30	346.5	225.4	59.7	61.4
1968--Dec. 31	384.6	251.6	61.5	71.5
1969--June 30 (old series)	392.5	264.3	56.2	72.0
<u>4/</u> June 30 (new series)	397.3	269.2	56.3	71.8
July 30	397.7	269.9	56.8	71.0
Aug. 27	397.5	270.3	56.9	70.3
Sept. 24	396.5	271.3	54.7	70.5
Oct. 29	397.6	273.8	53.5	70.3
Nov. 26	401.2	276.4	53.4	71.4
Dec. 31	401.3	278.1	51.9	71.3
1970--Jan. 28	398.5	276.6	50.4	71.5
Feb. 25	399.7	278.5	49.8	71.4
Mar. 25	400.9	277.6	50.3	73.0
Apr. 29	403.5	277.0	52.4	74.0
May 27	405.9	278.0	53.4	74.5
June 30	406.4	277.4	54.1	75.0
July 29	412.8	281.5	55.8	75.5
Aug. 26	418.3	284.1	57.5	76.7
Sept. 30	423.7	287.3	57.6	78.8
Oct. 28 p	424.0	286.9	56.3	80.8
Nov. 25 p	427.3	287.7	56.5	83.2

1/ Adjusted to exclude interbank loans p - Preliminary r - Revised e - Estimated

2/ Estimated as of December 31.

3/ Beginning June 9, 1966, loan data exclude \$1.1 billion of balances accumulated for payment of personal loans. Beginning June 30, 1966 total loans exclude, and other securities include, about \$1 billion of participation certificates.

4/ Beginning July 1969, bank credit data are revised to include all bank premises subsidiaries and other significant majority-owned domestic subsidiaries; earlier data for commercial banks only. Also total loans and investments are now reported gross of valuation reserves rather than net as previously reported. Individual loan items have always been reported gross.

NOTE: Chart has not been completely revised for changes in data relating to benchmark revisions. Overlapping data for March 1969 and October 1969 are shown.

EXHIBIT A - PART I
 LOANS SOLD OUTRIGHT BY COMMERCIAL BANKS AND BANK CREDIT ADJUSTED FOR SELECTED LOAN SALES

Date	Loans sold outright by commercial banks (outstanding in billions of dollars, N.S.A.)						Commercial bank credit (seasonally adjusted)					
	Total	Business Loans	Sold to		Sold to		Total loans and investments		Total loans		Business loans	
			Affiliates 1/ Business		nonbank public 2/ Business		Original	Adjusted 3/	Original	Adjusted 3/	Original	Adjusted 4/
			Total	Loans	Total	Loans						
<u>1969</u>												
June 30	2.8	1.7 5/	2.1	1.3 5/	0.7	0.4 5/	397.3 7/	399.4	269.2	271.3	102.3	103.6
July 30	3.6	2.3	2.7	1.8	0.9	0.5	397.7	400.4	269.9	272.6	102.4	104.2
Aug. 27	4.1	2.6	3.2	2.1	0.9	0.5	397.5	400.7	270.3	273.5	103.4	105.5
Sept. 24	4.6	2.9	3.7	2.4	0.9	0.5	396.5	400.2	271.3	275.0	104.1	106.5
Oct. 29	5.8	3.8	4.7	3.2	1.1	0.6	397.6	402.3	273.8	278.5	104.5	107.7
Nov. 26	6.0	4.0	4.7	3.3	1.3	0.7	401.2	405.9	276.4	281.1	104.8	108.1
Dec. 31	5.2	3.0	3.8	2.4	1.4	0.6	401.3	405.1	278.1	281.9	106.1	108.5
<u>1970</u>												
Jan. 28	7.5	5.0	5.8	4.3	1.7	0.7	398.5	404.3	276.6	282.4	105.4	109.7
Feb. 25	8.2	5.6	6.4	4.8	1.8	0.8	399.7	406.1	278.5	284.9	105.6	110.4
Mar. 25	8.5	5.9	6.7	5.1	1.8	0.7	400.9	407.6	277.6	284.3	105.1	110.2
Apr. 29	8.8	6.1	6.9	5.4	1.8	0.8	403.5	410.4	277.0	283.9	105.2	110.6
May 27	9.6	6.9	7.8	6.2	1.8	0.7	405.9	413.7	278.0	285.8	105.7	111.9
June 30	9.7	7.0	7.9	6.3	1.8	0.7	406.4	414.3	277.4	285.3	106.6	112.9
July 29	9.9	6.8	8.0	6.2	1.9	0.6	412.8	420.8	281.5	289.5	106.9	113.1
Aug. 26	9.6	6.4	7.8	5.8	1.8	0.6	418.3	426.1	284.1	291.9	108.4	114.2
Sept. 30	6.7	4.0	5.0	3.5	1.7	0.5	423.7	428.7	287.3	292.3	109.9	113.4
Oct. 28 p	5.9	3.5	4.1	3.0	1.8	0.5	424.0	428.1	286.9	291.0	109.1	112.1
Nov. 25 p	5.5	3.0	3.6	2.5	1.8	0.5	427.3	430.9	287.7	291.3	108.8	111.3
	(Net change in billions of dollars)						(Annual rates in per cent)					
<u>1969</u>												
June 30	0.8	0.6	0.6	0.5	0.2	0.1	0.9	2.7	0.9	3.5	--	5.8
July 30	0.8	0.6	0.6	0.5	0.2	0.1	1.2	3.0	3.1	5.7	1.2	6.9
Aug. 27	0.5	0.3	0.5	0.3	6/	6/	-0.6	0.9	1.8	4.0	11.7	15.0
Sept. 24	0.5	0.3	0.5	0.3	6/	6/	-3.0	-1.5	4.4	6.6	8.1	11.4
Oct. 29	0.2	0.9	1.0	0.8	0.2	0.1	3.3	6.3	11.1	15.3	4.6	13.5
Nov. 26	0.2	0.2	6/	0.1	0.2	0.1	10.9	10.7	11.4	11.2	3.4	4.5
Dec. 31	-0.8	-1.0	-0.9	-0.9	-0.1	-0.1	0.3	-2.4	7.3	3.4	14.9	4.4
<u>1970</u>												
Jan. 28	2.3	2.0	2.0	1.9	0.3	0.1	-8.4	-2.4	-6.5	2.1	-7.9	13.3
Feb. 25	0.7	0.6	0.6	0.5	0.1	0.1	3.6	5.3	8.2	10.6	2.2	7.7
Mar. 25	0.3	0.3	0.3	0.4	6/	6/	3.6	4.4	-3.9	-2.6	-5.7	-2.2
Apr. 29	0.3	0.3	0.3	0.2	6/	6/	7.8	8.2	-2.6	-1.7	1.1	4.4
May 27	0.8	0.3	0.9	0.8	6/	-0.1	7.1	9.6	4.3	8.0	5.7	14.1
June 30	0.1	0.1	0.1	0.1	6/	6/	1.5	1.7	-2.6	-2.1	10.2	10.7
July 29	0.2	-0.2	0.1	-0.1	0.1	-0.1	18.9	18.8	17.7	17.7	3.4	2.1
Aug. 26	-0.3	-0.4	-0.2	-0.4	-0.1	6/	16.0	15.1	11.1	9.9	16.8	11.7
Sept. 30	-2.9	-2.4	2.8	-2.3	-0.1	-0.1	15.5	7.3	13.5	1.6	16.6	-8.4
Oct. 28 p	-0.8	-0.5	-0.9	-0.5	0.1	6/	0.8	-1.7	-1.7	-5.3	-8.7	-13.8
Nov. 25 p	-0.4	-0.4	-0.5	-0.5	6/	6/	9.3	7.8	3.3	1.2	-3.3	-8.6

1/ To bank holding companies, affiliates, subsidiaries, or foreign branches.
 2/ To other than banks' and bank-related affiliates or subsidiaries.
 3/ Includes all loans sold to bank holding companies, affiliates, subsidiaries, or foreign branches.
 4/ Includes business loans sold to bank holding companies, affiliates, subsidiaries, or foreign branches.
 5/ Partly estimated.
 6/ Less than \$50 million.
 7/ Adjusted to maintain comparability with subsequent data.
 p - Preliminary
 c - Corrected.
 r - Revised.

EXHIBIT A - PART IV
 NONDEPOSIT SOURCES OF FUNDS AND METHODS OF FINANCE
 (Outstandings in billions of dollars)

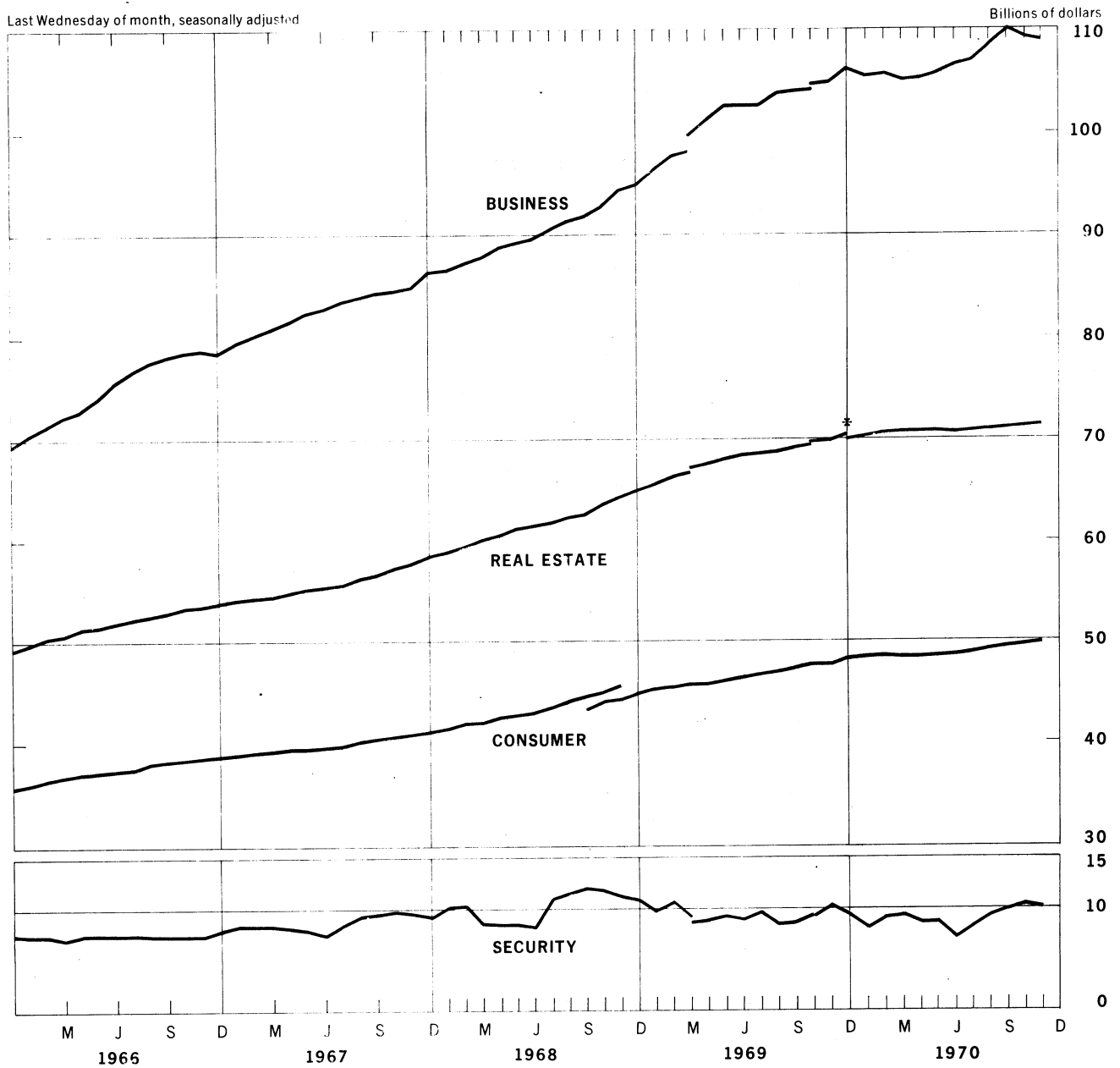
Date	Euro-dollars							Loans sold under repurchase agreement 3/			Customer guaranteed paper	Ineligible acceptances
	Total	Through branches outside U.S.		Through brokers and 1/ dealers	Direct 1/	Commercial paper 2/	Total	To bank affiliates 4/	To the nonbank public 5/			
		Total	Foreign							Territories and possessions		
<u>1969</u>												
May 28	12.7	10.9	9.9	0.6	0.1 6/	0.2 6/	0.8	1.0	0.4	0.6	0.1	7/
June 25	16.8	14.3	13.3	0.4	0.2 6/	0.4 6/	1.2	1.3	0.4	0.8	0.1	0.1
July 30	19.4	15.6	14.4	0.4	0.3	0.5	1.9	2.0	0.7	1.3	0.1	0.1
Aug. 27	19.6	15.9	14.7	0.3	0.5	0.4	2.2	1.5	0.6	0.9	0.2	0.1
Sept. 24	19.1	15.5	14.3	0.3	0.4	0.4	2.6	1.0	0.5	0.5	0.2	0.2
Oct. 29	19.4	14.8	13.6	0.4	0.5	0.3	3.7	0.9	0.5	0.4	0.2	0.2
Nov. 26	20.9	15.9	14.5	0.4	0.6	0.3	4.2	0.8	0.5	0.3	0.2	0.2
Dec. 31	19.6	14.5	12.8	0.8	0.6	0.3	4.3	0.8	0.6	0.2	0.3	0.1
<u>1970</u>												
Jan. 28	21.6	15.2	13.6	0.7	0.6	0.3	5.6	0.8	0.6	0.2	0.3	0.2
Feb. 25	21.5	14.6	13.1	0.6	0.5	0.3	6.1	0.9	0.7	0.2	0.3	0.3
Mar. 25	20.7	13.3	11.9	0.6	0.5	0.2	6.5	0.8	0.7	0.1	0.3	0.4
Apr. 29	20.7	13.2	12.0	0.6	0.4	0.2	6.6	0.8	0.7	0.1	0.3	0.4
May 27	21.7	13.4	12.4	0.6	0.3	0.2	7.6	0.8	0.7	0.1	0.3	0.5
June 24	21.5	13.2	12.2	0.6	0.2	0.1	7.6	0.7	0.7	0.1	0.3	0.5
July 29	19.9	11.4	10.5	0.6	0.2	0.1	7.8	0.7	0.7	0.1	0.3	0.6
Aug. 26	19.5	11.5	10.7	0.6	0.1	0.1	7.3	0.7	0.7	0.1	0.3	0.5
Sept. 30	15.8	10.5	9.8	0.6	0.1	0.1	4.6	0.7	0.7	7/	0.3	0.5
Oct. 28	14.5	10.2	9.4	0.6	0.1	0.1	3.7	0.6	0.6	7/	0.3	0.5
Nov. 25 p	13.1	9.3	8.6	0.5	0.1	0.1	3.1	0.7	0.7	7/	0.3	0.4

- 1/ Includes an indeterminate amount of Federal funds purchases from U.S. Agencies of foreign banks. r - Revised. c - Corrected.
 2/ Issued by a bank holding company or other bank affiliates.
 3/ Loans or participation in pools of loans sold under repurchase agreements.
 4/ To bank holding companies, affiliates, or subsidiaries.
 5/ To other than banks and bank-related affiliates or subsidiaries.
 6/ Partly estimated.
 7/ Less than \$50 million.

These Data Are Not for Publication.

LOANS AT ALL COMMERCIAL BANKS

Last Wednesday of month, seasonally adjusted



* CHANGE IN SERIES.

Exhibit B - Part II

Loans at All Commercial Banks
Seasonally Adjusted

Date	Business	Real Estate	Consumer	Security	Nonbank financial	Agriculture
(In b i l l i o n s o f d o l l a r s)						
1962--Dec. 31 <u>1/</u>	47.6	34.2	23.7	6.1	7.6	7.1
1963--Dec. 31 <u>1/</u>	52.0	39.1	27.2	6.9	9.1	7.4
1964--Dec. 31	58.4	43.6	31.1	7.4	9.8	7.6
1965--Dec. 31	69.4	49.2	35.6	7.4	11.9	8.3
1966--Dec. 31	78.6	53.8	38.2	7.9	12.1	8.7
1967--Dec. 31	86.3	58.4	40.0	9.2	11.4	9.5
1968--Dec. 31	95.9	65.0	44.9	10.4	12.5	9.9
1969--June 30	102.3	68.4	46.7	9.2	12.8	10.4
July 30 <u>2/</u>	102.4	68.7	46.7	9.6	12.3	10.6
Aug. 27	103.4	69.0	46.9	8.3	12.4	10.7
Sept. 24	104.1	69.3	47.3	8.3	12.1	10.8
Oct. 29	104.5	69.6	47.7	9.2	12.3	10.6
Nov. 26	104.8	69.9	47.7	10.3	12.7	10.5
Dec. 31	106.1	<u>3/</u> 70.4 (old)	48.2	9.4	<u>3/</u> 13.2 (old)	10.5
Dec. 31		69.9 (new)			13.7 (new)	
1970--Jan. 28	105.4	70.2	48.4	8.1	13.2	10.6
Feb. 25	105.6	70.5	48.5	9.1	13.0	10.6
Mar. 25	105.1	70.7	48.4	9.4	12.5	10.6
Apr. 29	105.2	70.7	48.4	8.6	12.5	10.7
May 27	105.7	70.7	48.5	8.6	12.9	10.9
June 30	106.6	70.6	48.6	7.2	13.4	11.0
July 29	106.9	70.7	<u>4/</u> 48.9	8.4	15.0	r 11.1
Aug. 26	108.4	70.8	49.1	9.3	14.6	11.4
Sept. 30	109.9	71.0	49.4	9.9	14.6	11.5
Oct. 28 p	109.1	71.2	49.6	10.4	14.6	r 11.4
Nov. 25 p	108.8	71.4	49.8	10.1	14.9	11.3

- 1/ Estimated as of December 31. e - Estimated. p - Preliminary. r - Revised.
- 2/ July data are comparable with previous months. Individual loan items are gross throughout and the effect of consolidation on any one loan item was nominal.
- 3/ Real estate loans decreased by \$500 million on December 31, 1969, and loans to nonbank financial institutions increased by \$500 million due to change in method of reporting mortgage loans held under repurchase agreements.
- 4/ Consumer credit data adjusted in July to exclude about \$400 million of consumer paper sold by finance companies to the banking system but classified as loans to nonbank financial institutions on bank records. Subsequent repayments are also included in loans to nonbank financial institutions.
- NOTE: Chart has not been completely revised for changes in data relating to benchmark revisions. Overlapping data for March 1969 and October 1969 are shown.

These data are not for publication.

Exhibit B, Part III

Loans Sold Outright To Affiliates, By Major Loan Categories, and Outstanding Loans Adjusted To Include Loans Sold
(Seasonally adjusted, in billions of dollars)

Date	Business Loans		Real Estate		Nonbank Financial		Security		Consumer		Agriculture	
	Loans Sold	Loans Adjusted	Loans Sold	Loans Adjusted	Loans Sold	Loans Adjusted	Loans Sold	Loans Adjusted	Loans Sold	Loans Adjusted	Loans Sold	Loans Adjusted
1969--June 25	1.3	103.6	0.1	68.5	0.2	13.0	<u>1/</u>	9.2	0.3	47.0	<u>1/</u>	10.4
July 30	1.8	104.2	0.1	68.8	0.2	12.5	0.1	9.7	0.1	46.8	<u>1/</u>	10.6
August 27	2.1	105.5	0.1	69.1	0.2	12.6	0.1	8.4	0.2	47.1	<u>1/</u>	10.7
September 24	2.4	106.5	0.1	69.4	0.3	12.4	0.1	8.4	0.3	47.6	<u>1/</u>	10.8
October 29	3.2	107.7	0.1	69.7	0.4	12.7	0.2	9.4	0.4	48.1	<u>1/</u>	10.6
November 26	3.3	108.1	0.1	70.0	0.3	13.0	0.2	10.5	0.4	48.1	<u>1/</u>	10.5
December 31	2.4	108.5	0.1	70.5(old)* 70.0(new)	0.1	13.3(old)* 13.8(new)	0.2	9.6	0.4	48.6	<u>1/</u>	10.5
1970--January 28	4.3	109.7	0.1	70.3	0.4	13.6	<u>1/</u>	8.1	0.5	48.9	<u>1/</u>	10.6
February 25	4.8	110.4	0.1	70.6	0.4	13.4	<u>1/</u>	9.1	0.5	49.0	<u>1/</u>	10.6
March 25	5.1	110.2	0.1	70.8	0.4	12.9	<u>1/</u>	9.4	0.5	48.9	<u>1/</u>	10.6
April 29	5.4	112.6	0.1	70.8	0.4	12.9	<u>1/</u>	8.6	0.5	48.9	<u>1/</u>	10.7
May 27	6.2	111.9	0.1	70.8	0.5	13.4	0.1	8.7	0.4	48.9	<u>1/</u>	10.9
June 30	6.3	112.9	0.1	70.7	0.5	13.9	<u>1/</u>	7.2	0.4	49.0	<u>1/</u>	11.0
July 29	6.2	113.1	0.1	70.8	0.6	15.6	0.2	8.6	0.4	49.2	<u>1/</u>	r 11.1
August 26	5.8	114.2	0.1	70.9	0.5	15.1	0.4	9.7	0.4	49.5	<u>1/</u>	11.4
September 30	3.5	113.4	0.1	71.1	0.3	14.9	0.3	10.2	0.3	49.7	<u>1/</u>	11.5
October 23 p	3.0	112.1	0.1	71.3	0.2	14.8	0.2	10.6	0.3	49.9	<u>1/</u>	r 11.4
November 25 p	2.5	111.3	0.1	71.5	0.1	15.0	0.2	10.3	0.2	50.0	<u>1/</u>	11.3

1/ Less than \$50 million.

*-See footnote 4, Exhibit B, Part II

NOTE: The above table, which extends Exhibit A, Part III, provides information on the outstanding volume of loans sold outright by major loan categories and the total volume of loans outstanding, adjusted to include loans sold in each category. Users of these data should be aware of their potentially imprecise nature due to several problems inherent in reporting and tabulation procedures. A small problem of coverage exists because the loan figures are those reported at all commercial banks while loan sale figures are those collected only from weekly reporting banks. A larger problem exists in regard to accounting for revisions in the data on loans sold. A revision in loans sold which is not supplemented by revisions reported in a specific category cannot be classified and therefore must be included in the figure "all other". This series begins in June 1969.

Exhibit C
Changes in Loans and Investments at All Commercial Banks, Seasonally Adjusted
(In billions of dollars)

Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct. p	Nov. p
<u>Loans and Investments</u> ^{2/}	<u>+ 1.1</u>	<u>+ 3.6</u>	<u>+ 0.1</u>	<u>- 2.8</u>	<u>+ 1.2</u>	<u>+ 1.2</u>	<u>+ 2.6</u>	<u>+ 2.4</u>	<u>+ 0.5</u>	<u>+ 6.4</u>	<u>+ 5.5</u>	<u>+ 5.4</u>	<u>+ 0.3</u>	<u>+ 3.3</u>
U. S. Gov't. securities	- 1.2	- 0.1	- 1.5	- 1.5	- 0.6	+ 0.5	+ 2.1	+ 1.0	+ 0.7	+ 1.7	+ 1.7	+ 0.1	- 1.3	+ 0.2
Other securities	- 0.2	+ 1.1	- 0.1	+ 0.2	- 0.1	+ 1.6	+ 1.0	+ 0.5	+ 0.5	+ 0.5	+ 1.2	+ 2.1	+ 2.0	+ 2.4
Loans ^{2/}	+ 2.5	+ 2.6	+ 1.7	- 1.5	+ 1.9	- 0.9	- 0.6	+ 1.0	- 0.6	+ 4.1	+ 2.6	+ 3.2	- 0.4	+ 0.8
Business	+ 0.4	+ 0.3	+ 1.3	- 0.7	+ 0.2	- 0.5	+ 0.1	+ 0.5	+ 0.9	+ 0.3	+ 1.5	+ 1.5	- 0.8	- 0.3
Real estate	+ 0.3	+ 0.3	+ 0.5	+ 0.3	+ 0.3	- 0.2	<u>1/</u>	<u>1/</u>	- 0.1	+ 0.1	+ 0.1	+ 0.2	+ 0.2	+ 0.2
Consumer	+ 0.4	<u>1/</u>	+ 0.5	+ 0.2	+ 0.1	- 0.1	<u>1/</u>	+ 0.1	+ 0.1	+ 0.3 ^{3/}	+ 0.2	+ 0.3	+ 0.2	+ 0.2
Security	+ 0.9	+ 1.1	- 0.9	- 1.3	+ 1.0	+ 0.3	- 0.8	<u>1/</u>	- 1.4	+ 1.2	+ 0.9	+ 0.6	+ 0.5	- 0.3
Nonbank financial	+ 0.2	+ 0.4	+ 0.5	- 0.5	- 0.2	- 0.5	<u>1/</u>	+ 0.4	+ 0.5	+ 1.6	- 0.4	<u>1/</u>	<u>1/</u>	+ 0.3
Agriculture	- 0.2	- 0.1	<u>1/</u>	+ 0.1	<u>1/</u>	<u>1/</u>	+ 0.1	+ 0.2	+ 0.1	r + 0.1	+ 0.2	+ 0.1	r - 0.1	- 0.1
All other	+ 0.5	+ 0.6	- 0.2	+ 0.4	+ 0.5	- 0.3	<u>1/</u>	- 0.2	- 0.7	r + 0.5	+ 0.1	+ 0.5	r - 0.4	+ 0.8
Total loans excluding security ^{3/}	+ 1.6	+ 1.5	+ 2.6	- 0.2	+ 0.9	- 1.2	+ 0.2	+ 1.0	+ 0.8	+ 2.9	+ 1.7	+ 2.6	- 0.9	+ 1.1
Total loans excluding security and non-bank financial ^{3/}	+ 1.4	+ 1.1	+ 2.1	+ 0.3	+ 1.1	- 0.7	+ 0.2	+ 0.6	+ 0.3	+ 1.3	+ 2.1	- 2.6	- 0.9	+ 0.8

^{1/} Less than \$50 million. e - Estimated. r - Revised. p - Preliminary.

^{2/} Adjusted to exclude interbank loans.

^{3/} Based on consumer credit data adjusted in July to exclude about \$400 million of consumer paper sold by finance companies to the banking system but classified as loans to nonbank financial institutions on bank records. Repayments in subsequent months are also included in loans to nonbank financial institutions.

Individual Loan Categories Are Not Available for Publication.

Exhibit D
Changes in Loans and Investments at All Commercial Banks, at Weekly
Reporting Banks, and at Other Banks, Not Seasonally Adjusted
(In billions of dollars)

Item	Last Wednesday of October to last Wednesday of November						
	1970	1969	1968	1967	1966	1965	1964
<u>All commercial banks 6/</u>							
Total loans	+ 0.7	+ 2.3	+ 2.9	+ 1.3	+ 0.9	+ 2.2	+ 2.5
U. S. Gov't. securities	+ 1.0	+ 0.7	- 2.0	+ 0.5	+ 0.8	+ 0.2	+ 1.3
Other securities	+ 1.6	+ 0.5	+ 0.7	+ 0.8	- 0.8	- 0.4	+ 0.1
Total	+ 3.2	+ 3.5	+ 1.6	+ 2.5	+ 1.0	+ 2.1	+ 3.9
<u>All Large Banks 5/ 6/</u>							
Total loans	- 0.5	+ 1.1	+ 1.9	+ 0.8	+ 0.5	+ 1.4	+ 1.4
U. S. Gov't. securities	+ 0.6	+ 0.5	- 1.9	- 0.3	+ 0.7	- 0.1	+ 0.6
Other securities	+ 1.4	+ 0.4	+ 0.3	+ 0.1	- 0.8	- 0.6	- 0.2
Total	+ 1.5	+ 2.0	+ 0.4	+ 0.6	+ 0.5	+ 0.7	+ 1.8
<u>Other banks 5/ 6/</u>							
Total loans	+ 1.2	+ 1.2	+ 1.0	+ 0.5	+ 0.4	+ 0.8	+ 1.1
U. S. Gov't. securities	+ 0.4	+ 0.1	- 0.1	+ 0.8	+ 0.1	+ 0.3	+ 0.7
Other securities	+ 0.3	+ 0.1	+ 0.4	+ 0.7	1/	+ 0.2	+ 0.3
Total	+ 1.8	+ 1.4	+ 1.2	+ 1.9	+ 0.5	+ 1.4	+ 2.1
<u>All commercial banks 6/</u>							
Total loans	+ 1.7	+12.3	+18.3	+ 8.5	+11.4 ^{3/4/}	+17.9	+11.6
U. S. Gov't. securities	+ 3.3	- 9.5	+ 0.3	+ 6.7	- 5.1 ^{3/}	- 4.3	- 0.7
Other securities	+11.3	- 0.5	+ 8.0	+11.0	+ 2.0 ^{3/}	+ 4.9	+ 3.0
Total	+16.3	+ 2.4	+26.6	+26.2	+ 8.3 ^{3/}	+18.5	+13.9
<u>All Large Banks 5/ 6/</u>							
Total loans	- 2.8	+ 3.3	+ 9.1	+ 2.2	+ 5.1 ^{3/4/}	+10.1	+ 4.8
U. S. Gov't. securities	+ 2.3	- 5.5	- 0.6	+ 3.2	- 3.7 ^{3/}	- 4.0	- 1.5
Other securities	+ 6.3	- 3.1	+ 4.7	+ 6.7	- 0.4 ^{3/}	+ 2.3	+ 1.3
Total	+ 5.8	- 5.4	+13.3	+12.2	+ 1.0 ^{3/}	+ 8.5	+ 4.6
<u>Other banks 5/ 6/</u>							
Total loans	+ 4.5	+ 9.1	+ 9.2	+ 6.3	+ 6.3 ^{3/4/}	+ 7.8	+ 6.8
U. S. Gov't. securities	+ 1.0	- 3.9	+ 0.9	+ 3.5	- 1.4 ^{3/}	- 0.3	+ 0.8
Other securities	+ 4.9	+ 2.7	+ 3.3	+ 4.1	+ 2.4 ^{3/}	+ 2.6	+ 1.7
Total	+10.5	+ 7.8	+13.3	+14.0	+ 7.3 ^{3/}	+10.0	+ 9.3

NOTE: Data exclude all interbank loans; Call report data for large commercial banks used when available.

- 1/ Less than \$50 million.
2/ Based on estimated data for all commercial banks on December 31, 1963.
3/ Allowance has been made in monthly changes in total loans and in other securities for approximately \$1 billion of participation certificates shifted from loans to other securities in late June 1966: \$700 million at large banks and \$300 million at other banks.
4/ Allowance has been made in monthly changes in total credit and in total loans for the \$1.1 billion of balances accumulated for the payment of personal loans excluded from time deposits and from loans on June 9, 1966: \$400 million at large banks and \$700 million at other banks.
5/ Based on revised coverage beginning July 1966; January 1967, 1968, 1969, and 1970.
6/ Based on revised reporting beginning July 1969. Changes have been adjusted to maintain comparability of series.

Exhibit E
Changes in Commercial and Industrial Loans at Large Commercial Banks
(In millions of dollars)

Business of borrower	Late October to late November					Late December to late November 2/				
	1970	1969	1968	1967	1966	1970	1969	1968	1967	1966
Food processors	+ 103	+ 272	+ 222	+ 219	+ 191	- 517	- 57	- 48	- 189	+ 253
Commodity dealers	+ 87	+ 132	+ 174	+ 296	+ 242	+ 27	- 245	- 267	+ 120	- 23
Trade concerns	- 2	+ 13	+ 243	+ 130	+ 130	+ 414	+ 493	+ 823	+ 127	+ 777
Retail trade	- 24	- 185	+ 225	+ 132	+ 57	+ 300	+ 157	+ 534	+ 33	+ 505
Wholesale trade	+ 22	+ 198	+ 18	- 2	+ 73	+ 114	+ 336	+ 289	+ 94	+ 272
Metals	- 258	+ 131	+ 21	- 85	+ 76	- 195	+ 1,506	+ 991	+ 665	+ 2,163
Primary metals	+ 6	- 36	- 23	+ 23	- 4	+ 9	+ 57	+ 644	+ 379	+ 107
Machinery	- 190	+ 138	+ 72	- 5	- 4	- 445	+ 905	+ 129	+ 313	+ 1,090
Transportation equipment	+ 6	+ 84	- 6	- 47	+ 124	+ 246	+ 428	+ 79	- 141	+ 716
Other fabricated metals	- 30	- 55	- 17	- 56	- 40	- 5	+ 116	+ 139	+ 114	+ 250
Textiles, apparel, etc.	- 195	- 114	- 38	- 123	- 101	+ 163	+ 309	+ 498	+ 14	+ 361
Pettroleum	- 43	+ 1	+ 79	+ 23	- 37	- 234	+ 29	+ 1	+ 75	+ 129
Chemicals	+ 52	+ 41	- 53	- 54	-	- 158	+ 227	- 85	+ 161	+ 433
Other durable manufacturing	- 71	- 44	- 30	- 58	- 17	+ 116	+ 197	+ 168	+ 28	+ 452
Other nondurable manufacturing	- 88	- 19	+ 6	- 54	- 16	- 77	+ 224	+ 44	+ 190	+ 353
Mining	- 89	- 56	- 25	- 21	- 41	- 832	+ 47	+ 264	- 107	+ 481
Public Utilities, total	- 77	- 80	+ 315	+ 86	+ 161	- 1,312	+ 634	+ 991	+ 652	+ 855
Transportation 3/	+ 42	- 55	+ 76	+ 33	n.a.	+ 171	+ 258	+ 606	+ 457	n.a.
Communication 3/	+ 85	+ 32	+ 75	- 32	n.a.	- 278	+ 102	+ 89	+ 161	n.a.
Other public utilities	- 204	- 57	+ 164	+ 85	n.a.	- 1,205	+ 274	+ 296	+ 34	n.a.
Construction	+ 54	- 59	+ 69	- 8	- 76	+ 165	+ 203	+ 451	- 75	+ 13
All other types of business	+ 201	+ 14	+ 317	+ 183	+ 61	+ 222	+ 1,311	+ 1,198	+ 1,098	+ 183
Bankers acceptances	+ 179	- 19	+ 8	+ 112	+ 60	+ 345	- 300	- 446	+ 629	- 249
Services 3/	+ 57	+ 171	+ 184	+ 62	n.a.	+ 82	+ 797	+ 890	- 7	n.a.
Other	- 35	- 138	+ 125	+ 9	+ 1	- 205	+ 814	+ 754	+ 476	+ 430
Foreign business concerns 3/	+ 70	- 33	+ 44	+ 19	n.a.	+ 92	- 341	- 151	- 166	n.a.
Classified	- 256	+ 199	+ 1,344	+ 553	+ 573	- 2,126	+ 4,537	+ 4,878	+ 2,591	+ 6,430
Unclassified	+ 193	+ 155	+ 150	+ 97	- 118	+ 453	+ 260	+ 482	+ 363	+ 467
Total Change	- 63	+ 354	+ 1,494	+ 650	+ 455	- 1,673	+ 4,797	+ 5,360	+ 2,954	+ 6,397

1/ Four most comparable weeks used throughout.

2/ Changes are compiled from December 31, 1969; December 25, 1968; December 27, 1967; December 28, 1966 and December 29, 1965. These data cannot be linked with all commercial bank data which are always for December 31.

3/ Prior to 1967, transportation, communication, services, and foreign loans were not reported separately.

Exhibit F
Loans and Investments at All Commercial Banks
(In billions of dollars)

Date	Loans and investments	U. S. Gov't.	Other securities	Total loans	Business	Real estate	Security	Farm	Consumer	Nonbank financial institutions	All other
1964--Dec. 31	273.9	63.0	38.8	172.1	60.2	43.7	8.4	7.5	31.0	10.9	13.9
1965--Dec. 31	301.8	59.5	44.9	197.4	71.4	49.3	8.5	8.2	35.7	13.3	15.0
1966--Dec. 31	317.9 <u>1/</u>	56.2	48.8 <u>2/</u>	213.0 <u>1/2/</u>	80.6	54.0	9.0	8.6 <u>2/</u>	38.3	13.3	13.6 <u>1/2/</u>
1967--Dec. 30	354.5	62.5	61.5	230.5	88.5	58.5	10.5	9.3	40.0	12.5	15.9
1968--Dec. 31	393.4	64.5	71.5	257.4	98.4	65.1	11.8	9.7	44.9	13.7	18.9
1969--Jan. 29	385.0	63.2	70.5	251.3	96.5	65.6	9.5	9.7	44.9	12.1	18.2
Feb. 26	384.1	59.5	70.9	253.7	97.7	66.1	9.5	10.0	44.9	12.5	18.2
Mar. 26	385.4	58.5	71.4	255.5	99.7	66.6	8.8	10.1	45.2	12.3	18.1
Apr. 30	391.5	58.0	72.3	261.2	101.6	67.2	9.4	10.3	45.8	13.3	18.8
May 28	390.2	55.4	71.8	263.0	101.8	67.8	9.0	10.4	46.4	12.7	19.8
June 30 e(old)	396.4	54.0	72.6	269.8	104.5	68.4	10.3	10.6	46.9	13.7	20.4
June 30 (new) <u>3/</u>	401.3	54.0	72.4	274.9	104.5	68.4	10.3	10.6	46.9	13.7	20.5
July 30	397.7	54.7	71.3	271.7	103.1	68.8	9.7	10.7	47.2	12.4	19.9
Aug. 27	394.7	54.3	70.9	269.5	102.0	69.3	8.1	10.7	47.4	12.1	19.8
Sept. 24	396.5	53.2	71.2	272.1	103.8	69.7	8.2	10.6	47.7	12.4	19.8
Oct. 29	397.2	54.4	70.4	272.4	103.6	70.0	8.6	10.5	47.8	12.0	20.0
Nov. 26	400.7	55.1	70.9	274.7	104.4	70.3	9.4	10.4	47.8	12.2	20.2
Dec. 31 (old)	410.5	54.7	71.3	284.5	108.8	70.5 <u>4/</u>	10.7	10.3	48.2	14.6	21.3
Dec. 31 (new)						70.0				15.1 <u>4/</u>	
1970--Jan. 28	397.6	53.0	70.6	274.0	104.1	70.1	8.2	10.4	48.0	12.7	20.6
Feb. 25	395.7	51.4	70.8	273.5	104.1	70.1	8.3	10.5	47.8	12.4	20.3
Mar. 25	399.0	51.5	72.7	274.8	105.0	70.1	8.8	10.6	47.8	12.2	20.3
Apr. 29	403.5	52.3	74.3	276.9	105.6	70.2	8.8	10.8	48.1	12.7	20.7
May 27	403.9	52.6	74.3	277.0	105.3	70.3	8.6	11.1	48.4	12.3	21.0
June 30	410.1	51.6	75.6	282.9	108.9	70.6	7.9	11.2	48.7	14.4	21.3
July 29	412.6	53.5	75.7	283.4	107.3	70.8	8.6	r 11.3	49.0	14.9	21.2
Aug. 26	415.4	55.1	77.1	283.2	107.0	71.0	9.1	11.4	49.3	14.3	20.8
Sept. 30	423.3	55.8	79.5	288.0	109.6	71.4	9.6	11.4	49.8	15.2	21.1
Oct. 28 p	423.6	57.1	81.0	285.5	108.2	71.6	9.7	r 11.3	49.8	14.4	20.5
Nov. 25 p	426.8	58.0	82.6	286.2	108.4	71.8	9.7	11.2	49.9	14.5	20.6

p - Preliminary.

e - Estimated.

r - Revised.

NOTE: Data exclude interbank loans. Consumer and "other loans" are partly estimated for all dates. Other data are partly estimated on all but June and December call dates.

- 1/ Beginning June 9, 1966, \$1.1 billion of balances accumulated for the payment of personal loans were deducted from time deposits and "all other" loans.
- 2/ Beginning June 30, 1966, about \$1 billion of participation certificates previously included in agricultural and "all other" loans were reclassified as "other securities."
- 3/ Data revised to include all bank premises subsidiaries and other significant majority-owned domestic subsidiaries; earlier data are for commercial banks only. Also, total loans and investments are now reported gross of valuation reserves rather than net as previously. Individual loan items have always been gross.
- 4/ Real estate loans decreased by \$500 million on December 31, 1969, and loans to nonbank financial institutions increased by \$500 million due to change in method of reporting mortgage loans held under repurchase agreements.
- 5/ Consumer credit data adjusted in July to exclude about \$400 million of consumer paper sold by finance companies to the banking system but classified as loans to nonbank financial institutions on bank records. Subsequent repayments are also included in loans to nonbank financial institutions.

Individual loans category data are available for publication only on a June and December Call data basis.

Exhibit G

Ratios to Total Deposits 1/

DATE	L O A N S						U.S. Government securities maturing within one year
	All commercial banks	Total	Member Banks				
			Reserve City	City of Chicago	Other	Country	
1955--Dec. 31	45.8	46.7	56.7	46.3	48.5	40.7	5.1
1956--Dec. 31	48.8	50.1	61.7	52.7	52.7	42.6	7.5
1957--Dec. 31	49.7	51.0	61.9	55.2	53.3	44.1	8.4
1958--Dec. 31	48.4	49.4	57.7	49.4	51.3	44.4	8.3
1959--Dec. 31	54.0	55.6	67.3	58.2	58.2	48.2	7.4
1960--Dec. 31	55.1	56.5	65.9	60.8	59.0	50.3	8.7
1961--Dec. 31	54.5	55.7	65.0	58.0	57.7	50.2	11.2
1962--Dec. 28	56.5	57.7	67.9	61.4	60.1	51.7	9.5
1963--Dec. 25	58.6	59.9	67.4	62.1	63.3	53.8	7.5
1964--Dec. 31	60.5	61.9	69.3	64.4	65.0	56.0	8.0
1965--Dec. 31	63.7	65.4	75.9	70.2	68.7	57.9	7.3
1966--Dec. 31	65.8	67.9	83.5	77.0	70.2	59.2	6.1
1967--Dec. 30	63.8	65.8	79.9	70.8	68.1	58.2	6.4
1968--Sept. 25	66.0	68.1	87.5	76.6	69.6	59.5	5.5
Oct. 30	65.4	67.4	85.7	74.4	69.3	59.0	6.5
Nov. 27	66.0	68.3	87.9	76.4	70.6	59.2	5.7
Dec. 31*	64.7 (63.7)	66.8	83.5(76.3)	75.1	69.1	58.2	6.1
1969--Jan. 29*	66.2 (64.7)	68.4	86.1(76.0)	77.1	71.4	59.2	6.0
Feb. 26*	67.4 (65.9)	69.7	71.0(79.7)	80.1	72.1	59.8	5.4
Mar. 26*	68.1 (66.4)	70.5	94.1(80.9)	83.8	72.9	60.2	5.7
Apr. 30*	70.2 (68.5)	70.9	94.4(80.2)	83.1	73.4	60.3	5.0
May 28*	69.9 (68.1)	72.6	99.7(84.9)	85.5	75.0	61.4	4.6
2/ June 30*	72.1 (69.7)	75.4	106.5(87.0)	90.9	78.3	62.5	4.5
July 30*	73.0 (70.3)	76.3	110.9(88.6)	91.8	78.8	63.2	4.5
Aug. 27*	72.9 (70.1)	75.3	106.0(84.0)	94.2	78.8	63.6	4.7
Sept. 24*	72.9 (70.4)	76.4	108.0(86.3)	97.5	79.4	63.3	4.6
Oct. 29*	72.8 (70.3)	76.1	112.0(85.0)	96.2	78.9	63.4	4.3
Nov. 26*	73.0 (70.3)	76.4	106.2(85.9)	93.6	80.3	63.3	5.2
Dec. 31*	72.0 (69.8)	75.7	102.8(86.4)	89.5	79.5	62.8	5.0
1970--Jan. 28*	73.2 (70.6)	76.5	102.9(84.5)	92.6	81.3	63.7	4.7
Feb. 25*	73.4 (70.9)	76.7	103.9(86.3)	93.8	81.0	63.9	4.4
Mar. 25*	73.0 (70.8)	76.3	103.1(86.8)	92.2	80.4	63.8	5.2
Apr. 29*	72.7 (70.5)	76.0	102.6(86.4)	91.5	79.9	63.7	4.8
May 27*	72.9 (70.6)	76.1	103.7(86.5)	91.5	80.0	64.0	4.6
June 30*	71.8 (70.3)	72.5	104.8(87.2)	95.8	80.0	60.5	4.3
July 29*	72.0 (70.2)	74.8	97.6(84.0)	88.0	78.6	63.6	4.8
Aug. 26*	71.1 (69.2)	73.8	98.0(84.1)	88.1	76.7	62.9	5.0
Sept. 30*	70.2 (68.3)	72.6	93.7(81.8)	86.5	75.6	62.2	4.6
Oct. 28*p	69.6 (68.1)	72.1	93.4 (81.9)	85.6	75.0	62.0	5.1
Nov. 25*p	69.2 (67.9)	71.8	94.3 (83.3)	85.7	74.1	61.8	na

1/ Total loans (adjusted to exclude loans to banks); U.S. Government securities maturing within one year estimated on basis of Treasury survey of ownership; and total deposits (adjusted to exclude cash items in process of collection).

2/ Beginning June 1969, total loans are reported gross of valuation reserves rather than net as previously reported. The higher loan level increased the ratio by about 1.3 percentage points for all commercial banks.

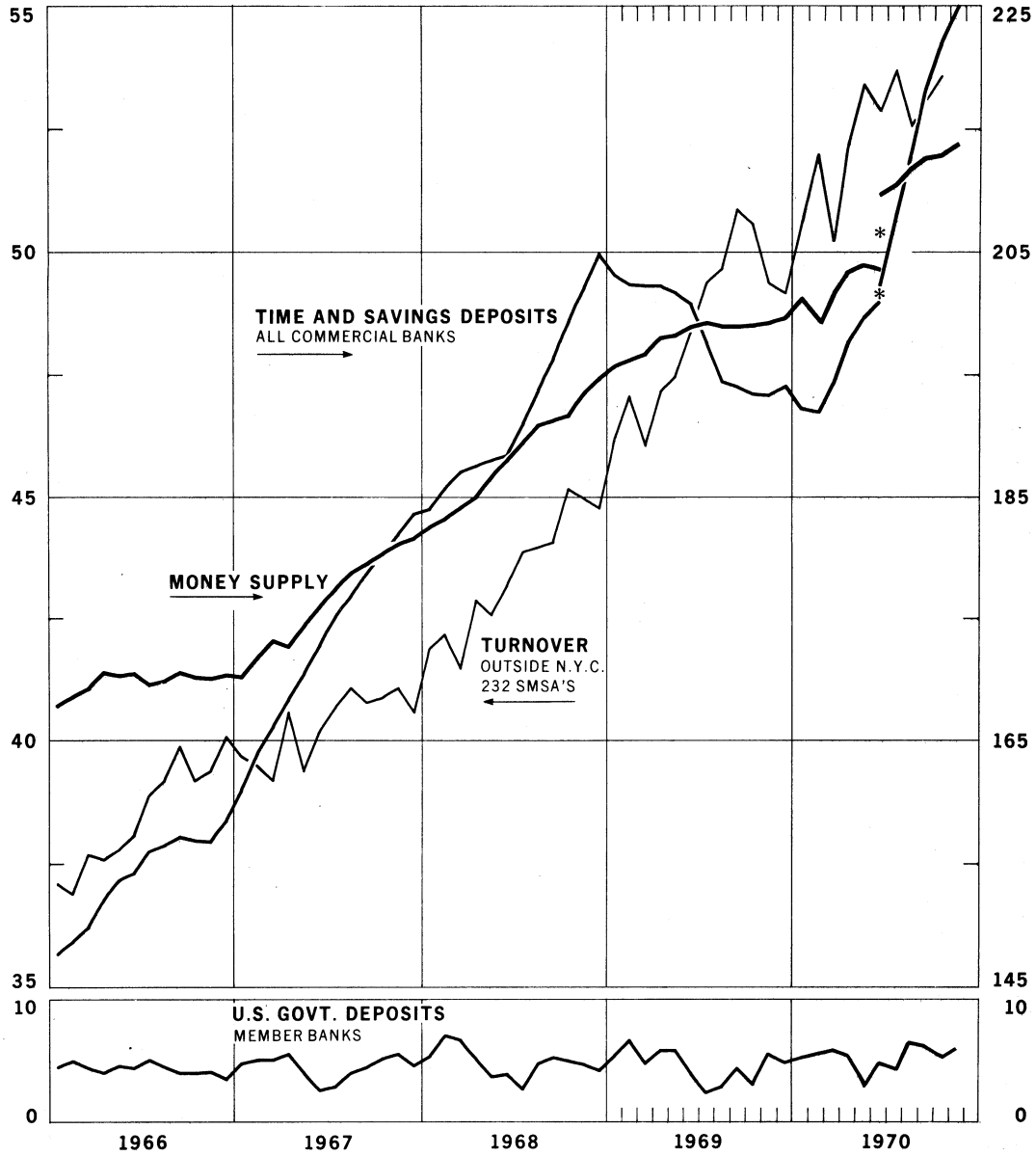
* - Ratios in parenthesis are those obtained by adding Euro-dollars to the deposit base.

DEPOSITS AND CURRENCY AND TURNOVER OF DEMAND DEPOSITS

Seasonally adjusted. Deposits, average of daily figures. Turnover, monthly.

Annual rate

Billions of dollars



* CHANGE IN SERIES.

Exhibit H - Part II

Period	Seasonally Adjusted Data (Dollar amounts in billions)						Not Seasonally Adj. (In mil. of dollars)
	Money Supply <u>1/</u> <u>5/</u>			Time and savings deposits <u>2/</u> <u>5/</u> (All commercial)	U.S. Gov't. deposits (all member) <u>1/</u>	Turnover outside N.Y. City* (per cent)	Gross liabilities of U.S. banks to <u>3/</u> <u>4/</u> their foreign branches
	Total	Demand deposits	Currency				
1964--December	160.5	126.3	34.2	126.6	5.1	33.5	1,183
1965--December	168.0	131.7	36.3	146.7	4.4	37.4	1,345
1966--December	171.7	133.4	38.3	158.5	3.5	40.1	4,036
1967--December	183.1	142.7	40.4	183.7	4.6	40.6	4,241
1968--December	197.4	154.0	43.4	204.8	4.2	44.8	6,039
1969--January	198.1	154.5	43.6	203.7	5.4	46.2	8,545
February	199.3	155.5	43.8	203.2	6.7	46.9	8,822
March	200.1	156.0	44.1	202.5	4.8	46.1	9,877
April	201.0	156.8	44.2	202.1	5.9	47.2	9,436
May	201.6	157.1	44.5	201.7	5.9	47.5	9,868
June	202.4	157.6	44.8	201.2	4.0	48.4	13,269
July	203.1	158.1	45.0	198.1	2.4	49.4	14,434
August	202.6	157.4	45.2	195.4	2.9	49.7	14,658
September	202.8	157.6	45.3	194.8	4.4	50.9	14,349
October	203.2	157.6	45.6	194.2	3.1	50.6	13,648
November	203.5	157.6	45.9	194.0	5.6	49.4	14,574
December	203.6	157.7	46.0	194.6	4.9	49.2	12,822
1970--January	205.2	159.0	46.2	193.3	5.3	50.6	13,623
February	204.5	158.1	46.4	193.5	5.6	52.0	13,094
March	206.6	159.8	46.7	195.3	5.9	50.3	11,942
April	208.3	161.2	47.1	198.5	5.2	52.2	11,973
May	209.2	161.6	47.7	200.3	3.0	53.4	12,373
June	209.6	161.9	47.8	202.2	4.8	52.9	12,220
July	210.6	162.5	48.1	208.2	4.4	53.7	10,514
August	211.8	163.7	48.2	213.2	6.4	52.6	10,733
September	212.8	164.6	48.2	218.5	6.2	53.1	9,787
October	213.0	164.5	48.5	222.2	5.2	53.6	9,439
November p	213.7	165.1	48.6	225.0	6.0	n.a.	8,578
Week ending:							
1970--Nov. 4	212.7	164.1	48.6	223.4	6.2	n.a.	9,162
11	213.1	164.4	48.6	223.8	6.3	n.a.	9,037
18	213.9	165.2	48.7	224.9	5.8	n.a.	8,917
25	213.7	165.0	48.6	226.0	6.3	n.a.	8,578

1/ Averages of daily figures.

2/ Beginning on June 9, 1966, time deposit data exclude \$1.1 billion of balances accumulated for the payment of personal loans.

3/ Last Wednesday of month.

4/ Certain changes in coverage and definitions have occurred that affect somewhat the comparability of the data. Breaks in the series are relatively small however.

* - Beginning January 1964, data for 232 metropolitan centers outside New York City.

p - Preliminary.

5/ Data revised beginning 1959.

TIME AND SAVINGS DEPOSITS AT LARGE COMMERCIAL BANKS

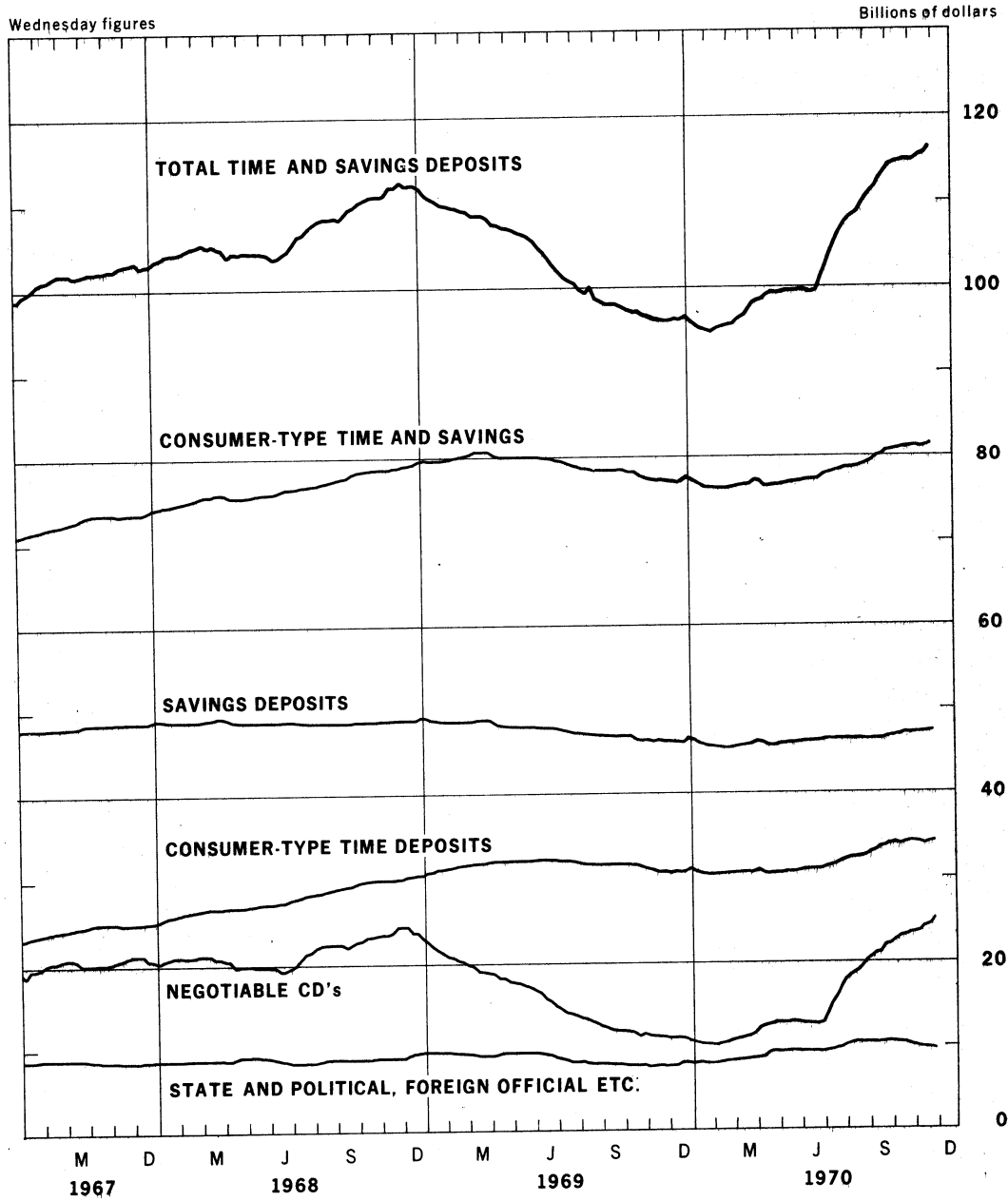


EXHIBIT I - Part II

Period	Time and Savings Deposits					
	Total	Consumer-type time & savings	Savings	Consumer-type time	Large Negotiable CD's 1/	State Political For. official etc.
1966--Dec. 28 (old)	89,495	65,733	47,099	18,634	15,659	8,103
Dec. 28 (new) <u>2/</u>	89,639	65,864	47,213	18,561	15,642	8,133
1967--Dec. 27 (old)	102,809	73,686	48,647	25,039	20,330	8,793
Dec. 27 (new) <u>2/</u>	102,991	73,858	48,781	25,077	20,330	8,803
1968--Dec. 21 (old)	111,900	79,443	49,016	30,427	22,821	9,636
Dec. 31 (new) <u>2/</u>	112,103	79,637	49,161	30,476	22,820	9,646
1969--June 25 (old)	103,967	79,619	47,550	32,069	15,270	9,078
June 25 (new) <u>2/</u>	103,959	79,604	47,550	32,054	15,271	9,084
July 30	100,602	78,784	46,953	31,831	13,538	8,280
Aug. 27	98,998	78,189	46,688	31,501	12,616	8,193
Sept. 24	97,899	78,140	46,533	31,607	11,744	8,015
Oct. 29	97,238	77,795	46,376	31,419	11,524	7,919
Nov. 26	96,333	77,241	46,334	30,907	11,319	7,773
Dec. 31 (old)	96,589	77,616	46,486	31,130	10,919	8,054
Dec. 31 (new) <u>2/</u>	96,787	77,812	46,632	31,180	10,919	8,056
1970--Jan. 28	95,019	76,500	45,831	30,669	10,471	8,048
Feb. 25	95,622	76,400	45,632	30,768	10,864	8,358
Mar. 25	97,352	76,876	45,996	30,880	11,820	8,656
Apr. 29	99,281	76,702	45,888	30,814	13,046	9,533
May 27	99,470	76,995	46,077	30,918	13,004	9,471
June 24	99,676	77,348	46,174	31,174	12,976	9,352
July 29	106,494	78,435	46,345	32,090	17,900	10,159
Aug. 26	109,725	79,070	46,330	32,740	20,174	10,491
Sept. 30	113,640	80,722	46,808	33,914	22,242	10,676
Oct. 28	114,803	81,150	47,016	34,134	23,545	10,108
<u>Week ending:</u>						
1970--Nov. 4	114,783	81,226	47,123	34,103	23,610	9,947
11	115,394	81,160	47,184	33,976	24,297	9,937
18	115,647	81,392	47,287	34,105	24,493	9,762
25	116,346	81,512	47,325	34,187	25,209	9,625

1/ Negotiable certificates of deposit issued in denominations of \$100,000 or more.

2/ Estimated.

Exhibit J

Member Bank Reserves

(Based on averages of daily figures; in millions of dollars)

DATE	Free reserves (excess reserves minus borrowings)					Excess Reserves	Borrowings	Total reserves held seasonally adjusted			
	All member	Reserve City Banks			Country				All member	All member	All member
		New York City	City of Chicago	Other							
Monthly Averages:											
1959--December	-424	-109	-104	-449	237	482	906	18,512			
1960--December	669	10	- 4	80	583	756	87	18,839			
1961--December	419	- 50	- 22	20	471	568	149	19,640			
1962--December	268	- 62	- 11	- 52	394	572	304	20,343			
1963--December	209	19	21	-122	334	536	327	21,017			
1964--December	168	- 14	- 31	-103	315	411	243	22,068			
1965--December	- 2	- 70	- 8	-161	238	452	454	23,262			
1966--December	-165	- 95	- 50	-159	140	392	557	23,521			
1967--December	107	- 22	- 5	- 55	187	345	238	25,940			
1968--December	-310	-130	- 70	-180	70	455	765	27,964			
1969--Jan.	-480	- 60	- 49	-337	-34	217	697	28,139			
Feb.	-596	- 67	- 33	-403	-93	228	824	28,060			
Mar.	-701	- 44	-101	-456	-100	217	918	27,972			
Apr.	-844	-117	-116	-521	-90	152	996	27,775			
May	-1,102	- 89	-148	-538	-327	300	1,402	28,235			
June	-1,064	- 28	8	-649	-395	343	1,407	28,056			
July	-1,074	- 66	- 15	-611	-382	116	1,190	27,530			
Aug.	-946	- 52	- 47	-396	-451	303	1,249	27,401			
Sept.	-831	- 64	- 37	-447	-283	236	1,067	27,402			
Oct.	-992	-126	- 26	-558	-282	143	1,135	27,354			
Nov.	-988	-143	- 67	-525	-253	253	1,241	27,783			
Dec.	-829	-203	- 9	-473	-144	257	1,086	27,928			
1970--Jan.	-799	-132	- 82	-473	-112	166	965	28,001			
Feb.	-819	- 76	- 58	-473	-212	273	1,092	27,722			
Mar.	-781	-148	- 15	-501	-117	115	896	27,723			
Apr.	-704	-198	- 82	-400	- 24	118	822	28,216			
May	-795	-171	- 25	-447	-152	181	976	27,890			
June	-701	- 95	3	-487	-122	187	888	27,902			
July	-1,217	-260	-132	-726	- 99	141	1,358	28,041			
Aug.	-682	-156	- 67	-428	- 31	145	827	28,585			
Sept.	-335	- 56	- 8	- 337	66	272	607	29,240			
Oct.	-208	29	- 13	-289	65	254	462	29,385			
Nov. p	-304	- 59	- 10	-368	133	120	424	29,482			

NOTE: Total reserves reflect percentage reserve requirements made effective April 23, 1969.

r - Revised.

Exhibit K
Liquid Assets Held by the Public - Seasonally Adjusted Series 1/
(Amounts in billions of dollars; ratios expressed as percentages)

End of year or month	Total	Demand deposits and currency 2/	Time deposits		Postal Savings System	Savings and loan deposits and shares	U. S. Gov't. savings bonds 3/	U. S. Gov't. securities maturing within one year 5/	Ratios:		
			Commercial banks 3/	Mutual savings banks					Liquid assets to gross national product 7/	Demand deposits and currency to gross national product 7/	Commercial bank deposits and currency to liquid assets (2 + 3 ÷ 1)
	1	2	3	4	5	6	7	8	9	10	11
1954	320.3	130.2	48.2	26.3	2.1	27.2	55.6	30.6	85.3	34.7	55.7
1955	332.5	133.3	49.7	28.1	1.9	32.0	55.9	31.6	81.3	32.6	55.0
1956	343.2	134.6	52.0	30.0	1.6	37.0	54.8	33.2	79.7	31.3	54.4
1957	356.0	133.5	57.5	31.6	1.3	41.7	51.6	38.8	80.5	30.4	53.5
1958	373.1	138.8	65.4	33.9	1.1	47.7	50.5	35.6	79.5	29.7	54.8
1959	393.9	139.7	67.4	34.9	0.9	54.3	47.9	48.8	80.2	28.6	52.6
1960	399.2	138.4	73.1	36.2	0.8	61.8	47.0	41.9	79.0	27.5	53.0
1961	424.6	142.6	82.5	38.3	0.6	70.5	47.4	42.6	78.4	26.4	53.0
1962	459.0	144.8	98.1	41.4	0.5	79.8	47.6	46.8	79.5	25.1	52.9
1963	495.4	149.6	112.9	44.5	0.5	90.9	49.0	48.1	81.0	24.6	53.0
1964	530.5	156.7	127.1	49.0	0.4	101.4	49.9	46.1	81.5	24.1	53.5
1965	573.1	164.1	147.1	57.6	0.3	109.8	50.5	48.6	79.8	22.8	54.3
1966*	601.5	168.6	159.3	55.2	0.1	113.4	50.9	53.9	77.6	21.8	54.5
1967	650.4	180.7	183.1	60.3	--	123.9	51.9	50.5	78.7	21.8	55.9
1968	709.6	\$ 199.2	203.8	64.7	--	131.0	52.5	58.5	78.2	21.4	56.8
1969											
Jan.	703.7	188.8	203.4	64.8	--	131.0	52.5	63.4			55.7
Feb.	705.7	189.9	202.9	65.2	--	132.0	52.3	63.4			55.7
Mar.	713.2	192.4	201.9	65.5	--	133.4	52.2	67.7	78.0	21.2	55.3
Apr.	711.3	190.8	201.8	65.7	--	133.3	52.2	67.5			55.2
May	714.3	191.6	202.7	66.1	--	133.5	52.2	68.3			55.2
June	713.8	194.2	200.4	66.3	--	133.6	52.2	67.3	77.2	20.8	55.3
July	709.5	191.9	197.5	66.3	--	133.6	52.2	68.1			54.9
Aug.	713.2	193.3	195.6	66.4	--	134.1	52.1	71.6			54.5
Sept.	718.1	194.1	195.5	66.6	--	135.3	52.0	74.6	75.7	20.5	54.3
Oct.	714.9	194.0	195.7	66.7	--	134.9	52.0	71.7			54.5
Nov.	722.1	195.8	197.9	67.0	--	135.3	52.0	74.2			54.5
Dec.	731.6	206.8	197.1	67.3	--	134.8	52.4	73.2	75.8	20.8	55.2
1970											
Jan.	720.5	195.4	196.0	67.0	--	133.5	52.2	76.3			54.3
Feb.	721.8	194.8	196.7	67.4	--	134.1	52.1	76.6			54.2
Mar.	733.4	199.3	198.8	67.5	--	135.7	52.0	80.1	75.7	20.6	54.3
Apr.	731.2	196.7	201.5	68.0	--	136.4	52.0	76.8			54.5
May	734.0	197.9	201.7	68.4	--	136.8	52.0	77.2			54.4
June	738.5	199.8	202.9	68.7	--	137.4	52.0	77.7	75.6	20.4	54.5
July	749.7	198.7	211.8	69.2	--	139.0	52.4	78.5			54.8
Aug.	754.8	195.3	215.4	69.4	--	140.0	52.0	78.6			54.9
Sept.	765.5	203.6	221.6	69.9	--	142.3	52.1	76.1	76.3	20.3	55.5
Oct. p	r 764.7	r 199.8	224.5	r 70.4	--	143.4	52.1	r 74.5			55.5
Nov. p	772.4	201.6	230.3	71.0	--	144.5	52.2	72.7			55.9

For footnotes see next page.

r - Revised.

p - Preliminary.

* - Beginning with data for June 1966, total liquid assets and time deposits at commercial banks exclude \$1.1 billion of balances accumulated for the payment of personal loans.

§ - Figures are for Tuesday, December 31, rather than for the last Wednesday of December.

NOTE: Total liquid assets and U.S. Government securities maturing within 1 year revised beginning January 1969 to conform to new Budget concept. Both figures were increased by \$1.7 billion on that date.

Exhibit K (Continued)

1. Excludes holdings of the United States Government, Government agencies and trust funds, domestic commercial banks, and Federal Reserve Banks. Adjusted to avoid double counting whenever possible. All series adjusted for seasonal variation by the X-9 variant of Method II developed by the Bureau of the Census.
2. Data are for demand deposits adjusted and currency outside banks and are as of the last Wednesday of the month. In concept the figures agree with the daily average money supply described in detail in the Federal Reserve Bulletin for August 1962, p. 941, except that demand deposits held by mutual savings banks and by savings and loan associations have been deducted to avoid double counting. Demand deposits of commercial banks in Alaska and Hawaii are included beginning January 1959 and August 1959, respectively, except that one national bank in Alaska and one national bank in Hawaii were included in April 1954 and April 1959, respectively. Demand deposits due to banks in United States possessions are included throughout. Data have not been revised to conform with the daily average money supply revision (beginning June 1967) associated with Euro-dollar transactions.
3. Total time deposits at commercial banks except interbank, U.S. Treasurer's open account, and postal savings redeposited in commercial banks. Data are as of the last Wednesday of month except June 30 and December 31 when call data for these dates were used when available. Time deposits of commercial banks in Alaska and Hawaii and time deposits due to banks in U. S. possessions are included as indicated for demand deposits in footnote 2 above.
4. Figures compiled by the Federal Savings and Loan Insurance Corporation except that prior to 1955 data are Board estimates based on monthly figures of inflow of new savings and withdrawal of savings capital compiled by the Federal Home Loan Bank Board.
5. Includes all types of savings bonds held by investors other than commercial and mutual savings banks and U.S. Government agencies and trust funds. Holdings of savings and loan associations are also excluded beginning in February 1960, the earliest date for which separate figures for these institutions are available. Figures are from data compiled by the U. S. Treasury Department.
6. Beginning December 1950 figures include Treasury marketable securities and Federal agency securities maturing within one year, except holdings of domestic commercial, mutual savings, and Federal Reserve Banks, Government agencies and trust funds, and beginning February 1960, savings and loan associations. Figures have been adjusted to include partially tax-exempt securities 12 months prior to first call date, and prior to 1956, nonmarketable Treasury savings notes with maturities up to 36 months. Prior to December 1950 figures for marketable issues include securities callable within one year. Figures represent par value and are from the U. S. Treasury Department's Survey of Ownership of U. S. Government Securities.
7. Gross national product figures are available quarterly and annually only. Data for total liquid assets used in computing these ratios are quarterly averages calculated for four dates (each month of the current quarter and the last month of the preceding quarter).