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CHARTS AND TABLES

Rural Banking Conditions and Experience

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April 27, 1981

Table 1. Farm non-real-estate loans outstanding at insured commercial banks

Federal Reserve District and state*	Amount, millions of dollars 12/31/80	Percentage change during--									
		Fourth quarter					Year ending December 31				
		1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
United States.....	31,539	1	-2	0	1	0	15	11	10	10	2
1--Boston.....	107	14	18	44	24	10	2	16	62	20	-19
2--New York.....	669	13	2	10	8	0	10	16	10	30	28
New York.....	665	14	2	11	8	0	9	16	11	31	29
3--Philadelphia....	314	5	5	5	9	3	1	13	15	8	-7
Pennsylvania*....	290	6	5	6	6	0	0	12	16	5	-7
4--Cleveland.....	696	-1	-4	-1	-4	-3	6	16	10	6	2
Kentucky*.....	207	-4	-2	-2	-5	2	5	13	10	6	12
Ohio.....	473	0	-4	0	-3	-5	10	18	11	6	-1
Pennsylvania*....	16	-8	-14	-7	-12	-7	-31	4	-9	-10	-2
5--Richmond.....	619	-11	-10	-13	-10	-11	11	15	-2	3	4
Maryland.....	60	2	-3	-3	2	-6	14	9	-2	-3	8
North Carolina...	253	-16	-12	-21	-11	-18	24	18	-6	6	0
South Carolina...	79	-6	-15	-6	-10	-10	19	16	-1	4	5
Virginia.....	194	-11	-9	-8	-12	-3	-5	14	5	2	7
West Virginia*...	33	-3	1	-7	-3	-1	-6	19	-6	2	1
6--Atlanta.....	1,258	-3	-7	-3	-9	-3	11	16	2	2	6
Alabama.....	278	-8	-10	-10	-16	-5	16	19	-9	2	9
Florida.....	172	6	8	17	1	10	4	9	3	-2	1
Georgia.....	337	-2	-13	0	-4	0	19	9	3	6	2
Louisiana*.....	133	-12	-10	-10	-18	-15	-5	30	21	-12	15
Mississippi*.....	133	-8	-11	-15	-16	-11	10	15	-5	10	9
Tennessee*.....	205	0	0	0	-5	0	7	20	8	1	5
7--Chicago.....	6,725	7	0	4	4	-1	18	15	11	11	-3
Illinois*.....	1,579	9	-1	6	2	-1	18	13	15	4	-4
Indiana*.....	767	9	-3	0	-1	-5	17	19	15	9	-2
Iowa.....	3,359	10	2	7	8	1	19	15	9	17	-5
Michigan*.....	385	-1	-5	-4	-4	-5	19	13	4	4	-4
Wisconsin*.....	636	3	0	-2	-1	-1	12	14	11	8	5

* Portion of state in specified Federal Reserve District.

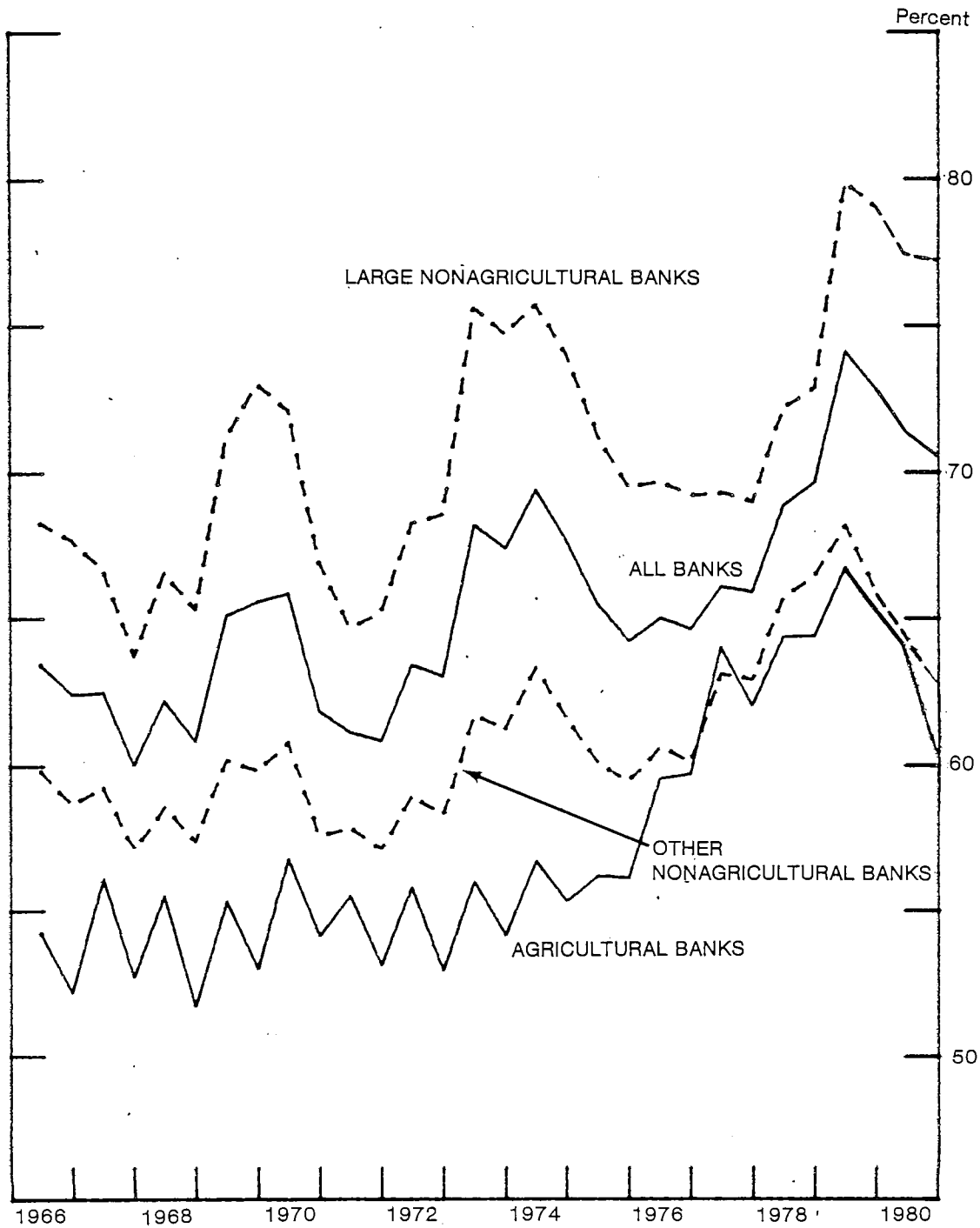
Table 1 (continued).

Federal Reserve District and state*	Amount, millions of dollars 12/31/80	Percentage change during--									
		Fourth quarter					Year ending December 31				
		1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
8--St. Louis.....	2,279	-4	-7	-7	-8	-5	15	15	8	4	5
Arkansas.....	398	-17	-16	-15	-20	-12	9	22	9	-10	10
Illinois*.....	544	5	-3	-1	-2	0	20	16	14	5	0
Indiana*.....	165	2	-3	-3	-4	-5	15	15	10	8	0
Kentucky*.....	278	-1	-3	-6	-6	-6	15	11	7	3	5
Mississippi*.....	190	-15	-14	-21	-21	-13	0	17	-5	5	13
Missouri*.....	574	5	-1	-1	-1	0	22	9	9	12	4
Tennessee*.....	130	-19	-15	-17	-18	-9	6	22	-1	4	8
9--Minneapolis.....	4,378	2	-1	1	2	0	12	8	12	20	-2
Michigan*.....	8	1	-3	5	-3	-3	13	-2	16	7	-20
Minnesota.....	1,837	3	-2	2	4	-2	12	11	18	21	-4
Montana.....	499	-3	-2	-6	-9	-7	14	3	2	8	-2
North Dakota.....	750	2	-3	0	-1	0	13	1	9	22	-2
South Dakota.....	1,087	4	2	5	6	6	9	11	13	22	0
Wisconsin*.....	197	4	1	-1	3	1	16	16	8	17	4
10--Kansas City....	7,197	3	0	2	4	3	19	8	7	11	2
Colorado.....	738	3	-3	-1	-3	-4	24	5	6	2	0
Kansas.....	2,017	5	3	6	8	7	19	7	8	11	1
Missouri*.....	716	2	1	1	6	2	19	13	12	17	0
Nebraska.....	2,390	5	-4	-1	5	3	25	7	6	17	2
New Mexico*.....	48	-5	-9	-9	-9	10	0	2	7	4	6
Oklahoma*.....	1,075	3	8	10	2	7	10	12	8	3	5
Wyoming.....	212	-4	-4	-6	-8	-5	17	-2	-6	3	0
11--Dallas.....	2,685	-2	-7	0	-2	1	15	7	14	-3	9
Louisiana*.....	141	-20	-23	-21	-24	-16	16	19	5	-7	17
New Mexico*.....	137	-4	-9	-3	-4	-3	13	-1	6	-3	3
Oklahoma*.....	56	-5	2	-1	-1	6	16	20	9	-16	11
Texas.....	2,350	-1	-5	2	-1	2	15	6	15	-2	9
12--San Francisco..	4,612	-2	-2	-2	-1	-1	14	9	10	12	4
Arizona.....	433	-15	1	8	2	6	-23	25	23	13	5
California.....	2,848	1	-1	0	3	2	15	9	14	16	7
Hawaii.....	19	49	24	20	-8	33	44	10	7	-28	65
Idaho.....	345	-9	-9	-12	-9	-10	17	-4	-7	2	-5
Nevada.....	18	-11	22	-16	-17	-12	8	55	-15	-3	-8
Oregon.....	303	-3	-2	-5	-3	-8	29	6	8	7	8
Utah.....	88	8	3	0	-11	-16	26	6	-1	-13	-4
Washington.....	558	-7	-5	-8	-7	-6	28	13	8	14	-4

* Portion of state in specified Federal Reserve District.

Chart 1

Average Loan/Deposit Ratios at Insured Commercial Banks Semiannual



"Agricultural banks" are banks at which farm loans comprise 25 percent or more of total loans.

"Large banks" are banks with total assets of \$500 million or more.

Chart 2

Average Loan/Deposit Ratio at Insured Commercial Banks Quarterly

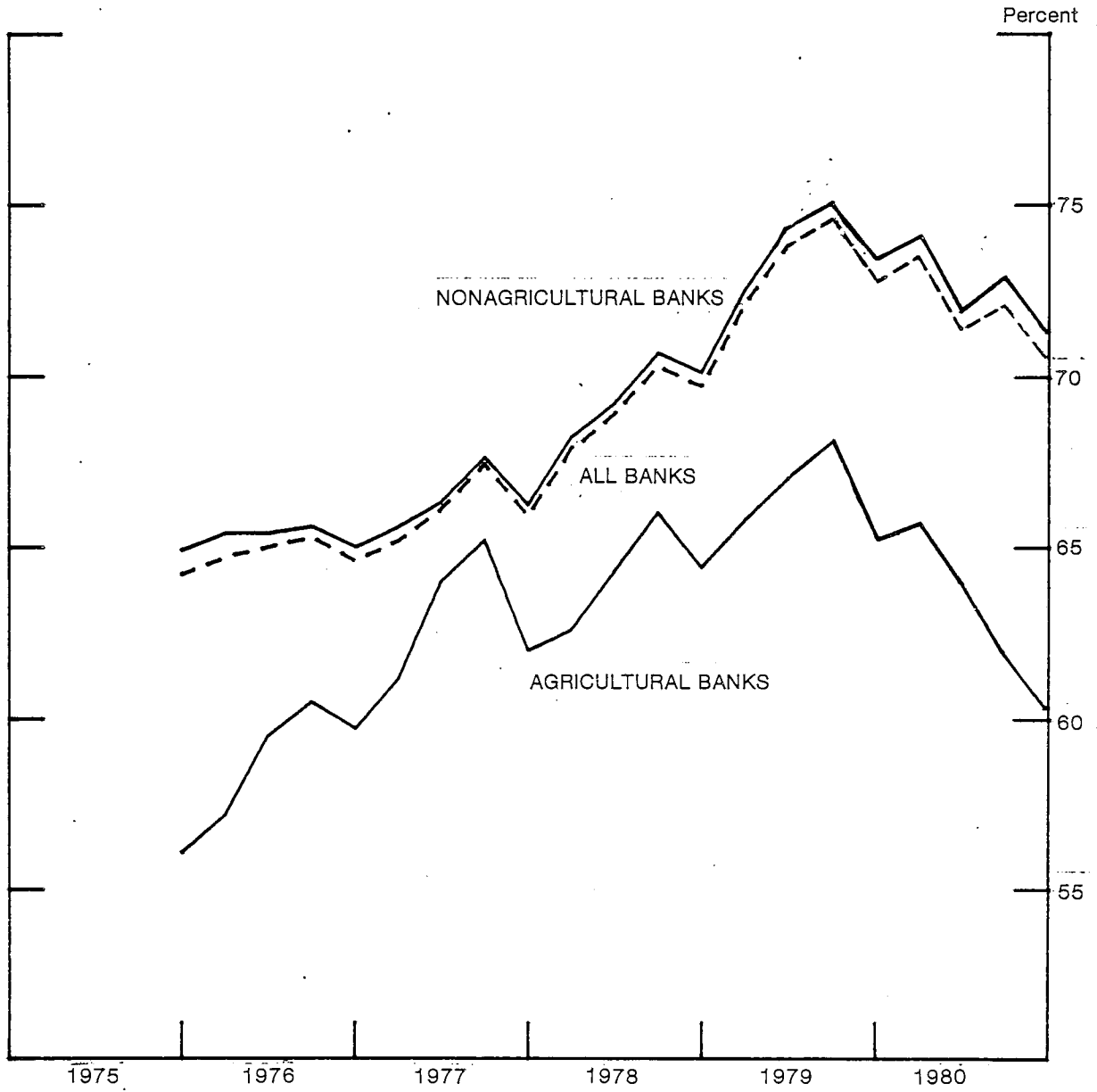


Table 2. Average loan/deposit ratios at agricultural banks (percent)

Data for banks at which farm loans are 25 percent or more of total loans
(15 percent or more of total loans in states or areas marked *)

End of month or date	U.S.	Corn Belt					Lake States			Plains					
		OH	IN	IL	IO	MO	MI*	WI	MN	ND	SD	NB	KS	OK	TX
1975--Dec....	56	58	54	50	57	52	66	60	58	57	60	59	56	54	52
1976--Mar....	57	60	54	50	59	54	65	60	60	54	61	61	58	54	52
--June...	59	62	56	52	60	56	67	62	61	60	60	64	60	56	57
--Sept...	61	62	57	53	60	57	69	62	60	62	60	67	63	57	58
--Dec....	60	60	56	54	62	56	68	62	60	62	62	66	62	57	54
1977--Mar....	61	62	58	56	63	58	68	65	60	60	64	68	63	58	55
--June...	64	66	61	57	66	61	71	67	64	65	67	72	64	58	59
--Sept...	65	67	64	60	68	62	71	68	64	64	66	73	65	59	61
--Dec....	62	65	61	59	66	58	68	66	62	60	65	66	62	59	56
1978--Mar....	63	68	63	60	66	60	69	68	64	57	64	66	63	59	55
--June...	64	68	64	61	66	62	70	70	65	61	67	66	64	59	60
--Sept...	66	68	67	63	67	64	72	71	67	64	68	69	65	60	62
--Dec....	64	67	65	64	67	62	71	70	65	61	68	65	64	61	60
1979--Mar....	66	68	66	65	69	64	72	71	68	62	70	66	65	61	58
--June...	67	69	67	64	70	66	72	72	70	68	73	69	65	60	59
--Sept...	68	69	68	63	70	67	72	72	71	71	74	72	65	60	60
--Dec....	65	69	66	62	69	63	70	70	69	67	70	69	63	59	56
1980--Mar....	66	69	66	62	70	64	69	71	71	65	72	71	63	59	55
--June...	64	67	64	60	67	63	67	69	68	64	67	68	61	57	56
--Sept...	62	65	64	58	63	60	66	68	64	62	65	67	59	55	56
--Dec....	60	64	62	56	61	59	64	67	61	59	64	65	58	55	54
1981--Jan. 7	59	64	61	55	60	58	63	66	60	57	63	64	57	53	53
--Jan. 14	59	64	61	54	60	58	62	66	61	57	64	64	57	54	53
--Jan. 21	59	64	61	54	60	58	63	66	61	57	64	64	57	54	54
--Jan. 28	60	65	62	55	60	59	64	67	62	58	64	65	58	54	54
--Feb. 4	59	64	61	55	60	58	62	66	61	57	63	64	57	53	53
--Feb. 11	59	64	61	55	59	58	62	66	61	58	64	64	58	54	53
--Feb. 18	59	63	61	54	59	58	61	65	61	57	63	63	57	54	53
--Feb. 25	60	64	62	55	60	59	62	66	61	58	64	64	58	55	53
--Mar. 4	59	63	61	54	59	58	61	65	61	57	63	63	57	54	53
--Mar. 11	60	64	62	55	60	59	62	65	62	57	63	65	58	55	53
--Mar. 18	60	64	62	55	61	59	62	66	63	58	64	66	58	55	54

Data are for insured commercial banks meeting the specified farm loan criterion on the date indicated (or, for 1981 estimates, on December 31, 1980). Data for December 1980 are preliminary, and data for 1981 are estimates based on experience at banks that report deposits and total loans weekly. As of December 1980, the specified agricultural banks accounted for the following percentages of all banks and of total assets and total farm loans at banks, respectively:

Banks.....	30	17	26	33	84	43	15	30	54	79	89	87	70	38	18
Assets.....	6	3	10	7	31	17	3	13	21	56	68	63	40	14	6
Farm loans...	51	31	45	59	88	70	43	58	76	82	85	92	83	55	44

Table 2 (continued).

Data for banks at which farm loans are 25 percent or more of total loans
(15 percent or more of total loans in states or areas marked by *)

End of month or date	Mountain States					Southeast			Delta States			Appalachian			U.S.*
	NM	CO	WY	MT	ID*	FL*	GA*	AL*	MS*	LA*	AR*	TN*	KY*	VA*	
1975--Dec....	61	63	59	58	66	54	63	56	58	56	53	58	57	63	57
1976--Mar....	64	64	63	59	69	55	66	57	57	57	56	58	58	64	58
--June...	64	68	66	62	71	57	70	59	58	60	57	61	63	64	60
--Sept...	64	71	63	65	74	57	67	60	61	62	60	63	65	63	61
--Dec....	62	68	61	61	69	57	66	59	57	56	57	61	61	62	60
1977--Mar....	66	70	66	62	72	57	69	58	56	58	59	61	62	65	61
--June...	64	71	63	65	73	59	74	62	60	63	62	66	66	66	64
--Sept...	64	71	63	65	74	60	73	64	63	68	65	68	70	66	65
--Dec....	62	68	61	61	72	58	66	62	59	63	61	64	64	64	63
1978--Mar....	64	68	64	62	74	56	64	62	57	65	61	65	67	64	63
--June...	63	72	63	65	76	57	68	63	60	68	64	68	69	66	65
--Sept...	64	74	63	68	75	61	68	64	63	72	67	69	72	67	67
--Dec....	64	71	62	62	71	61	68	64	60	67	63	68	66	66	65
1979--Mar....	64	73	68	66	71	59	70	65	59	66	62	69	68	69	67
--June...	63	76	71	70	74	60	73	66	63	68	62	70	70	71	68
--Sept...	66	76	69	72	74	61	72	66	67	72	64	71	71	71	68
--Dec....	63	72	62	64	70	59	69	66	61	63	59	66	66	69	65
1980--Mar....	61	75	66	65	69	57	68	64	60	62	58	65	66	73	66
--June...	59	74	64	64	71	55	67	62	60	64	58	65	66	72	64
--Sept...	58	73	62	63	69	55	66	61	62	66	58	63	66	70	63
--Dec....	54	68	59	57	65	56	65	61	60	62	58	62	60	71	61
1981--Jan. 7	54	67	58	56	64	55	63	60	58	61	57	61	60	71	--
--Jan. 14	55	68	58	58	64	54	64	60	60	62	58	61	60	72	--
--Jan. 21	54	70	60	57	64	55	64	60	60	62	58	61	60	71	--
--Jan. 28	54	70	61	57	65	56	65	61	61	63	59	62	61	72	--
--Feb. 4	53	69	60	58	65	54	63	60	59	62	58	61	60	71	--
--Feb. 11	53	69	61	58	65	54	63	60	60	62	58	61	60	71	--
--Feb. 18	52	69	60	58	65	54	63	60	59	62	58	61	60	71	--
--Feb. 25	53	69	60	58	65	56	64	60	60	63	59	61	60	72	--
--Mar. 4	51	68	59	58	63	54	63	59	59	62	58	61	59	71	--
--Mar. 11	52	69	60	58	64	54	62	59	60	62	58	61	59	71	--
--Mar. 18	52	71	61	59	64	54	63	59	60	62	59	61	59	71	--

Data are for insured commercial banks meeting the specified farm loan criterion on the date indicated (or, for 1981 estimates, on December 31, 1980). Data for December 1980 are preliminary, and data for 1981 are estimates based on experience at banks that report deposits and total loans weekly. As of December 1980, the specified agricultural banks accounted for the following percentages of all banks and of total assets and total farm loans at banks, respectively:

Banks.....	12	20	22	41	58	7	39	28	44	22	49	35	50	13	41
Assets.....	8	8	18	30	13	2	12	11	17	7	28	13	21	4	9
Farm loans...	49	50	52	59	39	40	70	52	54	51	68	58	68	34	64

Chart 3

Average Farm Loan Interest Rates at Rural Banks Compared With Prime Rate

Quarterly
First Day of Quarter

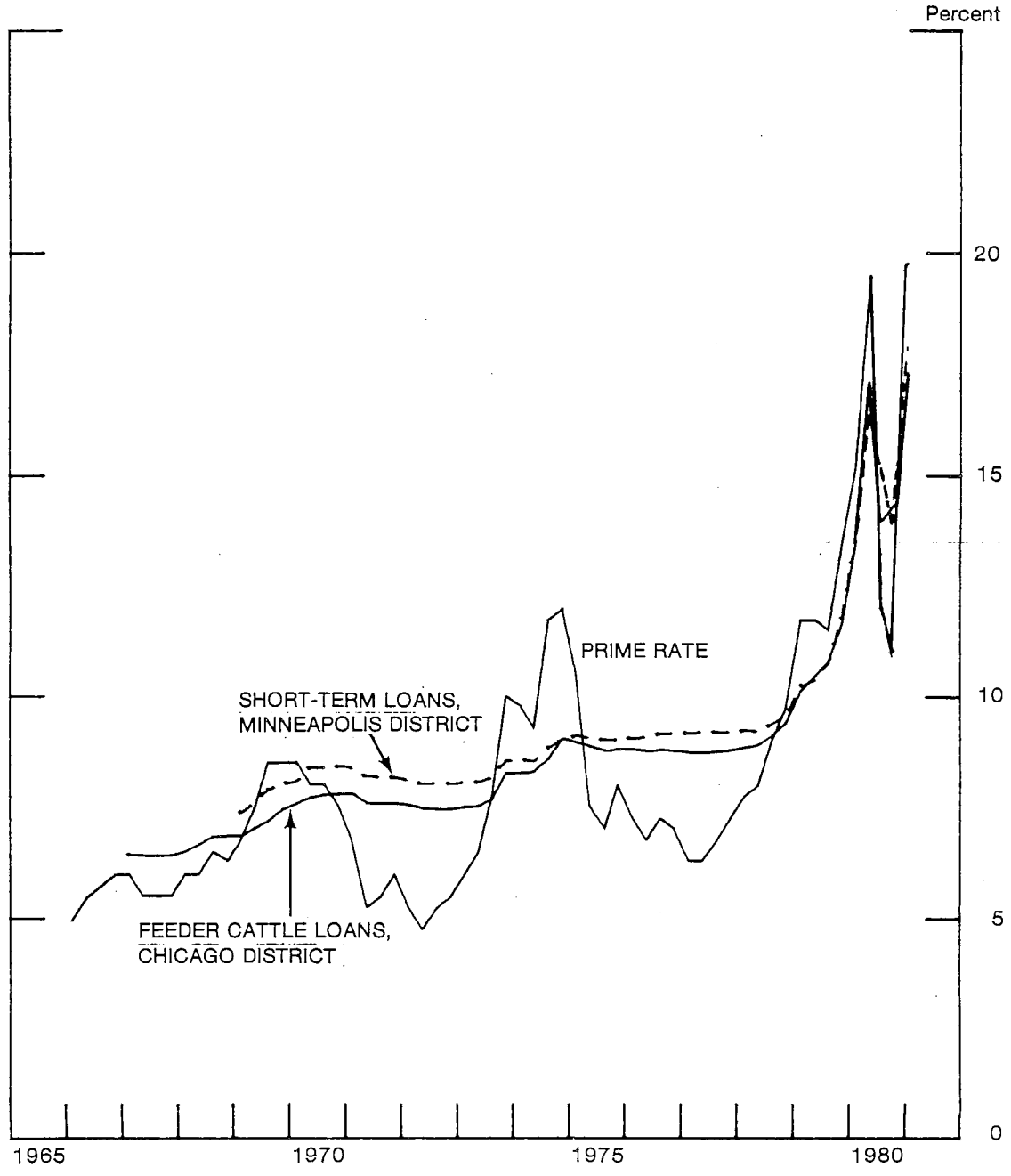
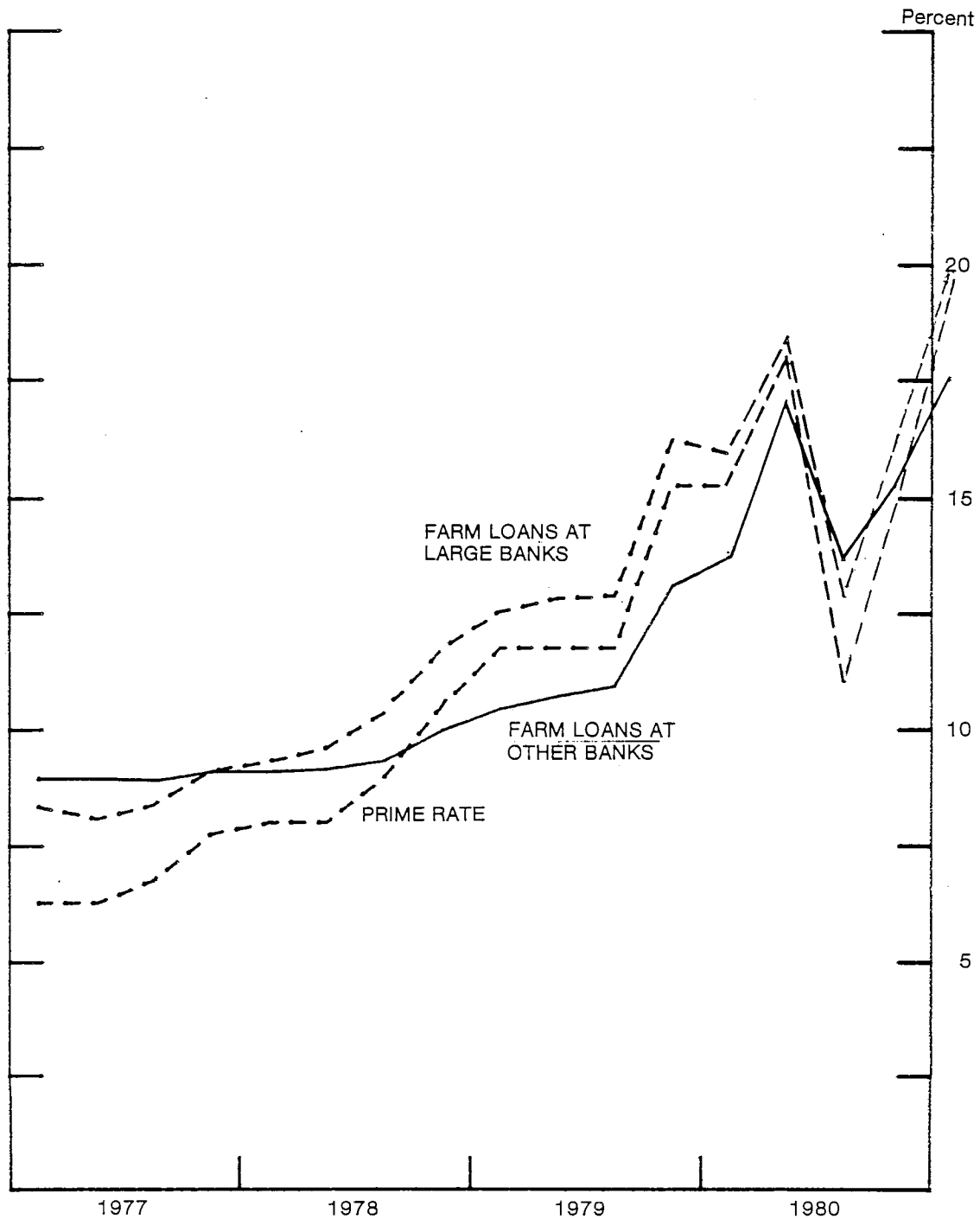


Chart 4

Interest Rates Charged By Commercial Banks: First Week of Second Month of Quarter



Source: Federal Reserve Quarterly Survey of Terms of Bank Lending to Farmers.

"Large banks" are banks in survey strata 1-3, corresponding approximately to banks which now have over \$400 million in total assets.

Table 3. Percentage distribution of non-real-estate farm loans made by banks, by effective interest rate^{1,2}

Effective interest rate (percent)	Feb. 1977	Feb. 1978	Feb 1979	Feb. 1980	Feb. 1981	Feb. 1980	May 1980	Aug. 1980	Nov. 1980	Feb. 1981
All loans.....	100	100	100	100	100	100	100	100	100	100
Under 7.0.....	1	-	-	-	-	-	-	-	-	-
7.0 to 7.9.....	8	1	-	-	-	-	-	-	-	-
8.0 to 8.9.....	46	38	4	1	-	1	-	-	-	-
9.0 to 9.9.....	41	50	17	1	-	1	-	-	-	-
10.0 to 10.9.....	3	9	35	2	-	2	-	1	-	-
11.0 to 11.9.....	-	1	19	2	-	2	-	10	-	-
12.0 to 12.9.....	-	-	12	7	1	7	1	17	3	1
13.0 to 13.9.....	-	-	6	29	3	29	4	43	10	2
14.0 to 14.9.....	-	-	6	31	4	31	9	19	21	4
15.0 to 15.9.....	-	-	-	10	9	10	7	9	28	9
16.0 to 16.9.....	-	-	-	10	21	10	11	1	27	20
17.0 to 17.9.....	-	-	-	4	18	4	35	1	7	18
18.0 to 18.9.....	-	-	-	2	16	2	18	-	3	16
19.0 to 19.9.....	-	-	-	-	7	-	9	-	-	7
20.0 to 20.9.....	-	-	-	-	8	-	3	-	-	8
21.0 to 21.9.....	-	-	-	-	7	-	1	-	-	7
22.0 to 22.9.....	-	-	-	-	3	-	1	-	-	3
23.0 to 23.9.....	-	-	-	-	2	-	-	-	-	2
24.0 to 24.9.....	-	-	-	-	-	-	-	-	-	1
25.0 and over....	-	-	-	-	-	-	-	-	-	-

Addendum: Average effective interest rate (percent)² at--

All banks.....	8.8	9.2	11.0	14.1	17.9	14.1	17.4	13.5	15.5	17.9
Large banks ³	8.3	9.3	12.5	16.0	19.9	16.0	18.5	12.8	16.3	19.9
Other banks.....	8.9	9.1	10.4	13.7	17.5	13.7	17.1	13.7	15.3	17.5

Source: Federal Reserve Quarterly Survey of Terms of Bank Lending to Farmers.

1/ Percentage distribution of the total dollar amount of non-real-estate farm loans of \$1,000 or more made by insured commercial banks during the week covered by the survey, which is the first full business week of the month specified.

2/ The approximate compounded annual interest rate on each loan is calculated from survey data on the stated rate and other terms of the loan. In computing the average of these estimated effective rates, each loan is weighted by its dollar amount.

3/ "Large banks" are banks in survey strata 1-3, corresponding approximately to banks with over \$400 million in total assets as of September 1980.

Table 4. Percentage distribution of non-real-estate farm loans made by large and other banks, by effective interest rate^{1,2}

Effective interest rate (percent)	Feb. 1977	Feb. 1978	Feb 1979	Feb. 1980	Feb. 1981	Feb. 1980	May 1980	Aug. 1980	Nov. 1980	Feb. 1981
<u>Large banks³</u>										
All loans.....	100	100	100	100	100	100	100	100	100	100
Under 7.0.....	7	-	-	-	-	-	-	-	-	-
7.0 to 7.9.....	24	1	-	-	-	-	-	-	-	-
8.0 to 8.9.....	55	34	-	-	-	-	-	-	-	-
9.0 to 9.9.....	11	41	2	-	-	-	-	-	-	-
10.0 to 10.9.....	2	20	19	-	-	-	-	-	-	-
11.0 to 11.9.....	-	4	12	-	-	-	-	16	-	-
12.0 to 12.9.....	-	-	28	4	1	4	-	43	2	1
13.0 to 13.9.....	-	-	17	8	-	8	1	31	5	-
14.0 to 14.9.....	-	-	20	14	2	14	2	6	15	2
15.0 to 15.9.....	-	-	2	18	10	18	5	2	21	10
16.0 to 16.9.....	-	-	-	32	8	32	4	1	24	8
17.0 to 17.9.....	-	-	-	15	9	15	32	-	16	9
18.0 to 18.9.....	-	-	-	8	4	8	27	-	16	4
19.0 to 19.9.....	-	-	-	1	6	1	12	-	1	6
20.0 to 20.9.....	-	-	-	-	20	-	7	-	-	20
21.0 to 21.9.....	-	-	-	-	19	-	4	-	-	19
22.0 to 22.9.....	-	-	-	-	10	-	5	-	-	10
23.0 to 23.9.....	-	-	-	-	10	-	1	-	-	10
24.0 to 24.9.....	-	-	-	-	3	-	-	-	-	3
25.0 and over....	-	-	-	-	-	-	-	-	-	-
<u>Other banks³</u>										
All loans.....	100	100	100	100	100	100	100	100	100	100
Under 7.0.....	-	-	-	-	-	-	-	-	-	-
7.0 to 7.9.....	3	-	-	-	-	-	-	-	-	-
8.0 to 8.9.....	43	38	5	2	-	2	-	-	-	-
9.0 to 9.9.....	49	56	23	1	-	1	-	-	-	-
10.0 to 10.9.....	4	5	41	3	-	3	-	1	1	-
11.0 to 11.9.....	-	-	22	3	-	3	-	8	-	-
12.0 to 12.9.....	-	-	6	8	1	8	1	11	3	1
13.0 to 13.9.....	-	-	2	33	3	33	4	45	11	3
14.0 to 14.9.....	-	-	1	35	5	35	11	23	22	5
15.0 to 15.9.....	-	-	-	8	9	8	7	10	29	9
16.0 to 16.9.....	-	-	-	5	23	5	14	1	28	23
17.0 to 17.9.....	-	-	-	2	20	2	36	1	5	20
18.0 to 18.9.....	-	-	-	-	18	-	15	-	-	18
19.0 to 19.9.....	-	-	-	-	7	-	8	-	-	7
20.0 to 20.9.....	-	-	-	-	6	-	2	-	-	6
21.0 to 21.9.....	-	-	-	-	5	-	-	-	-	5
22.0 to 22.9.....	-	-	-	-	2	-	-	-	-	2
23.0 to 23.9.....	-	-	-	-	1	-	-	-	-	1
24.0 to 24.9.....	-	-	-	-	-	-	-	-	-	-
25.0 and over....	-	-	-	-	-	-	-	-	-	-

See notes to Table 3

Average interest rates on business and farm borrowings (percent)

Quarter	Prime 4-6 month commercial paper ¹	Business loans at banks ²		Farm loans at banks					Farm Credit System ⁷	
		Prime rate, large banks	Average, all banks ³	Short-term farm loans, Ninth District ⁴	Feeder cattle loans, Seventh District ⁵	Non-real-estate farm loans, United States ^{2,3}			Production Credit Associations	Federal Land Banks
						Large banks ⁶	Other banks	All banks		
1976-Q4	5.2	6.25	-	9.2	8.8	-	-	-	8.2	8.6
1977-Q1	4.7	6.25	7.6	9.2	8.7	8.3	8.9	8.8	8.2	8.5
-Q2	4.9	6.25	7.6	9.2	8.7	8.1	8.9	8.7	8.1	8.4
-Q3	5.4	6.75	7.9	9.2	8.7	8.4	8.9	8.7	7.9	8.3
-Q4	6.6	7.75	8.6	9.2	8.8	9.1	9.0	9.1	8.0	8.3
1978-Q1	6.8	8.00	8.9	9.2	8.9	9.3	9.1	9.2	8.4	8.2
-Q2	6.9	8.00	9.1	9.2	8.9	9.6	9.2	9.3	8.7	8.3
-Q3	7.9	9.00	10.0	9.4	9.1	10.4	9.3	9.6	9.0	8.3
-Q4	9.0	10.50	11.4	9.5	9.4	11.7	10.0	10.4	9.2	8.4
1979-Q1	10.3	11.75	12.2	10.2	10.1	12.5	10.4	11.0	10.0	8.7
-Q2	9.9	11.75	12.3	10.4	10.5	12.8	10.7	11.2	10.6	9.0
-Q3	9.8	11.75	12.3	10.8	10.8	12.9	10.9	11.3	10.9	9.3
-Q4	13.2	15.25	15.8	11.8	11.7	16.2	13.1	13.6	11.0	9.3
1980-Q1	12.7	15.25	15.7	13.6	13.5	16.0	13.7	14.1	12.1	9.8
-Q2	14.9	17.5-18.5	17.8	16.4	17.0	18.5	17.1	17.4	13.8	10.6
-Q3	8.3	11.00	11.6	15.3	14.0	12.8	13.7	13.5	13.4	10.6
-Q4	12.3	14.5-15.5	15.6	14.0	14.3	16.3	15.3	15.5	12.2	10.3
1981-Q1	15.1	19.5-20.0	19.8	17.6	17.3	19.9	17.5	17.9	13.1	10.6

1/ Average, first month of quarter.

2/ First full business week of second month of quarter.

3/ Dollar-weighted average of effective rates on loans of \$1,000 or more made in the week indicated.

4/ Average of most common rates at banks representative of farm lending, first day of quarter.

5/ Average of typical rates at agricultural banks, first day of quarter.

6/ "Large banks" (survey strata 1-3) correspond roughly to banks with over \$400 million in total assets in 1978.

7/ Unweighted average of quoted rates, first day of quarter (calculated by the authors). Stock purchases and loan fees required of borrowers from these cooperatives are not taken into account in the rates shown.