

AGRICULTURAL FINANCE DATABOOK

Fourth Quarter 1996

<u>Guide to internal tables of contents and notes on sources</u>	<u>Page</u>
Amount and characteristics of farm loans made by commercial banks	3
Selected statistics from the quarterly reports of condition of commercial banks	17
Reserve bank surveys of farm credit conditions and farm land values	28

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Washington, D.C. 20551

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General Information

The Agricultural Finance Databook is a compilation of various data on current developments in agricultural finance. Large portions of the data come from regular surveys conducted by the Board of Governors of the Federal Reserve System or Federal Reserve Banks. Other portions of the data come from the quarterly call report data of commercial banks or from the reports of other financial institutions involved in agricultural lending. When the current issue went to press, data from the survey of terms of bank lending were available for the fourth quarter of 1996; the other data generally were available through the third quarter.

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SECTION I: AMOUNT AND CHARACTERISTICS OF FARM LOANS MADE BY COMMERCIAL BANKS

<u>Estimates from the quarterly survey of non-real-estate farm loans</u>	<u>Page</u>
Summary charts.....	5
Tables:	
I.A Number.....	7
I.B Average size	8
I.C Amount	9
I.D Average maturity.....	10
I.E Average effective interest rate.....	11
I.F Percentage of loans with a floating interest rate.....	12
I.G Distribution of farm loans by effective interest rate.....	13
I.H Detailed survey results.....	14
I.I Regional disaggregation of survey results.....	16

SOURCES OF DATA:

These data on the farm loans of \$1000 or more made by commercial banks are derived from quarterly sample surveys conducted by the Federal Reserve System during the first full week of the second month of each quarter. Data obtained from the sample are expanded into national estimates for all commercial banks, which are shown in the following tables.

Before August 1989, the farm loan survey was part of a broader survey of the terms of lending by a sample of 348 commercial banks. A subset of 250 banks was asked for information regarding agricultural lending, and about 150 typically reported at least one farm loan.

Since August of 1989, the data have been drawn from a redesigned sample of 250 banks that is no longer part of the broader survey. In the redesigned sample, banks are stratified according to their volume of farm lending; previously, they had been stratified according to the volume of business loans. As before, however, the sample data are being expanded into national estimates for all commercial banks. In the November 1996 survey, 177 banks reported at least one farm loan, and the number of sample loans totaled 4035.

In both the previous survey and the new one, the national estimates exhibit variability due to sampling error. The estimates are sensitive to the occasional appearance of very large loans in the sample. In addition, the breakdown of national estimates into those for large banks and small banks may have been affected somewhat by the new sampling procedures that were implemented in August 1989; apparent shifts in the data as of that date should be treated with caution.

More detailed results from each quarterly survey previously were published in Statistical Release E.2A, "Survey of Terms of Bank Lending to Farmers". Beginning in February, 1992, the more detailed results are included at the end of this section of the Databook, and the E.2A has been discontinued. Starting with the August 1986 survey, farm loans secured by real estate are included in the data shown in the table of detailed results, whereas such loans are excluded from the tabulations in Tables I.A through I.G and the summary charts.

Beginning in November 1991, several survey statistics are estimated for each of ten farm production regions as defined by the USDA. These statistics, which are presented in table I.I, should be treated with some caution. Although an effort was made to choose a good regional mix of banks for the panel, the panel never has been stratified by region. Consequently, the survey results are less precise for each region than for the totals for the nation.

RECENT DEVELOPMENTS:

In the November 1996 survey, the estimated number of non-real-estate farm loans made by banks, was a in line with the November readings of the past couple of years, while the average size of loans was less than in the past several fall surveys. Together, these two estimates yield a projected annual volume of loans of about \$70 billion, towards the low end of the range seen since 1990.

In the November survey, the average maturity of farm non-real-estate loans remained towards the bottom of the range seen over the past five or six years--the annual average maturity for 1996 was the lowest since 1991. Compared with the previous quarter, the average effective rate of interest on non-real-estate farm loans edged up 10 basis points to 8.7 percent, but this level was 50 basis points below the estimate in the November 1995 survey. When loans are separated according to the stated purpose of the loan, rates for feeder livestock rose substantially, while rates on loans for other purposes remained about unchanged. Rates on loans for feeder livestock had dropped sharply in the August survey, and the jump in the November survey brought them back into line with other rates on farm loans. The percentage of loans that were made with a rate of interest that floats, picked up a bit in the November survey but remained well below levels that have prevailed for roughly the past five years.

By farm production region, weighted average rates of interest rose substantially in the November survey in the Northeast, the Cornbelt, and the Pacific regions. Rates dropped a bit in both the Northern and Southern Plains regions, and were little changed elsewhere. The estimated standard errors of the weighted average rate of interest, which have been high in the past few surveys, moved down on balance in November. The decline in estimated standard errors was especially apparent in the regions where average rates rose.

Results from the Survey of Terms of Bank Lending to Farmers

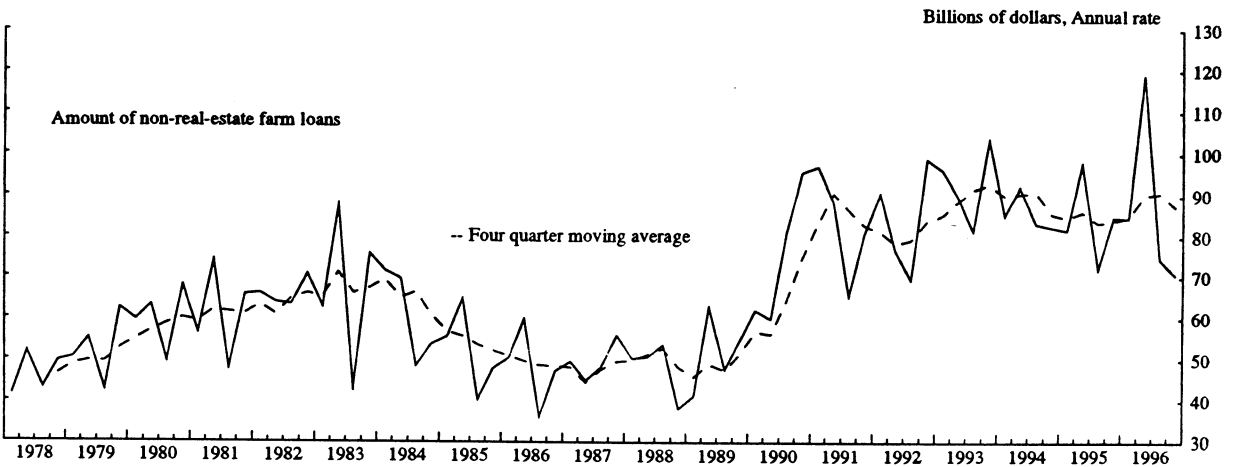
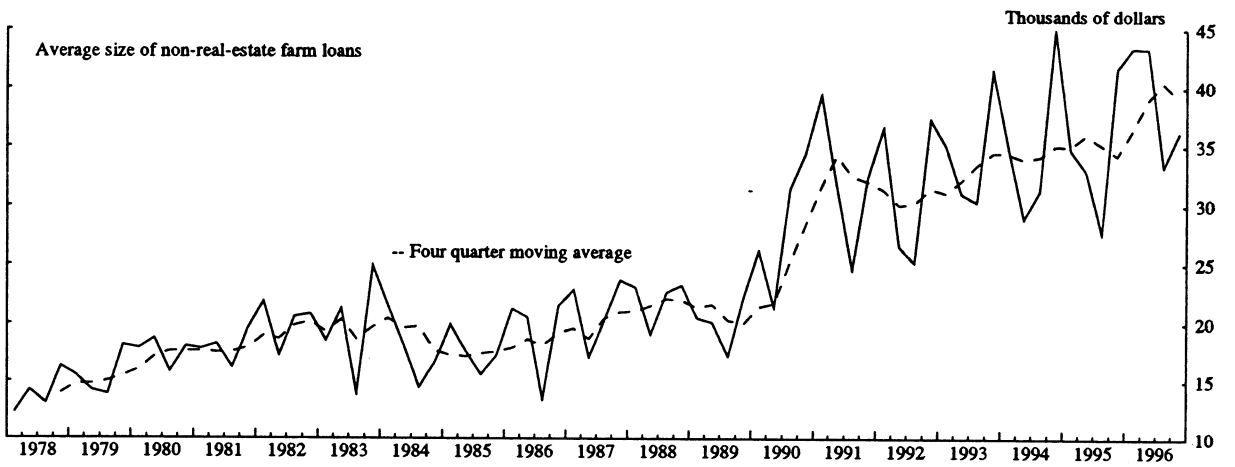
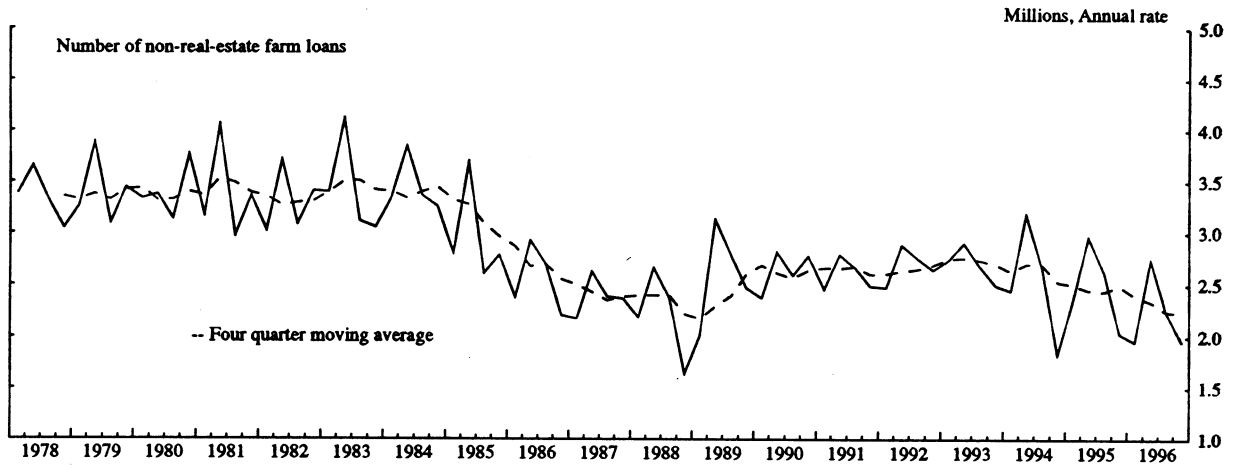
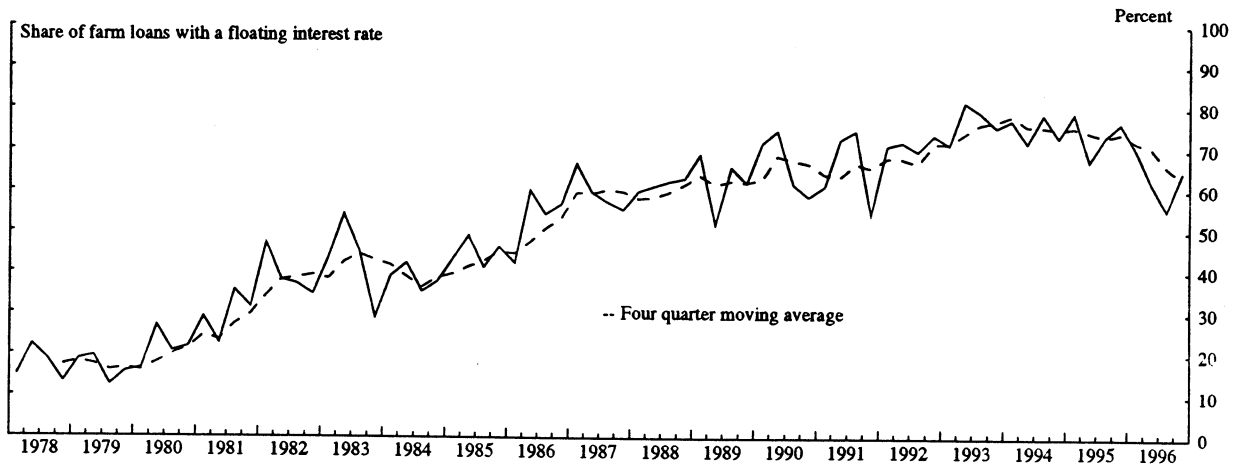
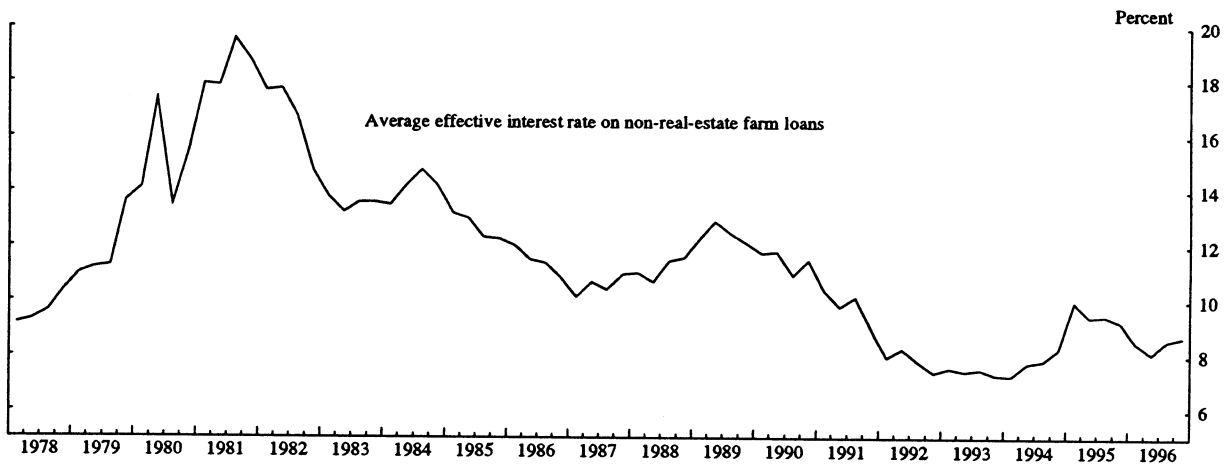
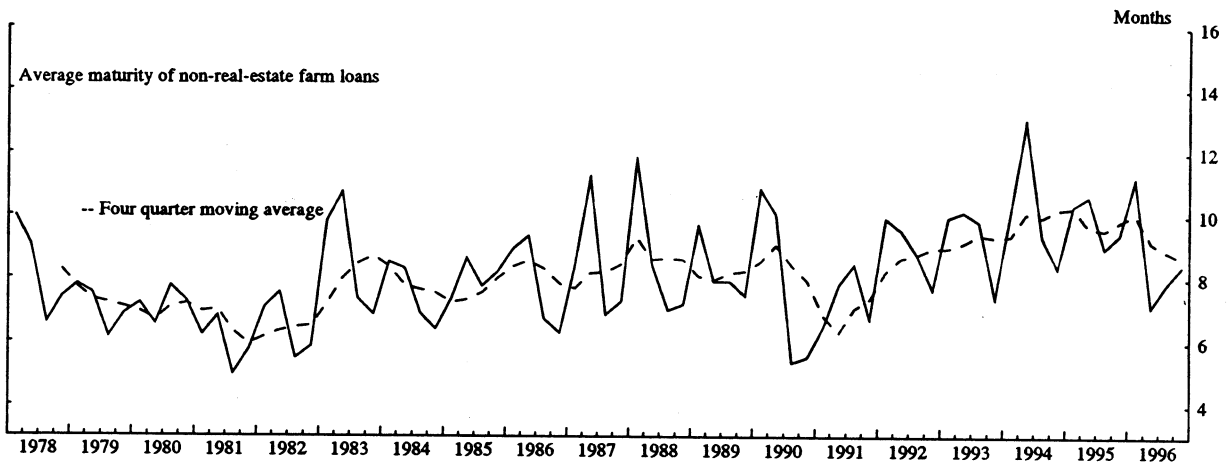


Chart 2

Results from the Survey of Terms of Bank Lending to Farmers



ESTIMATES FROM THE QUARTERLY SAMPLE SURVEY OF BANK NON-REAL-ESTATE LOANS TO FARMERS
TABLE I.A

NUMBER OF LOANS MADE (MILLIONS)

	BY PURPOSE OF LOAN						BY SIZE OF LOAN (\$1,000s)				BY SIZE OF BANK	
	ALL LOANS	FEEDER LIVE-STOCK	OTHER LIVESTOCK	OTHER CURRENT OPERATING EXPENSES	FARM MACHINERY AND EQUIPMENT	OTHER	1	10	25	100	LARGE	OTHER
							to 9	to 24	to 99	and over		
ANNUAL NUMBER OF LOANS MADE												
1985.....	2.96	0.34	0.23	1.77	0.36	0.27	2.06	0.51	0.30	0.09	0.18	2.78
1986.....	2.55	0.30	0.17	1.66	0.17	0.24	1.71	0.46	0.29	0.08	0.20	2.34
1987.....	2.38	0.39	0.13	1.54	0.14	0.19	1.57	0.46	0.27	0.08	0.20	2.18
1988.....	2.21	0.29	0.11	1.45	0.14	0.21	1.42	0.43	0.28	0.07	0.23	1.99
1989.....	2.60	0.30	0.20	1.73	0.16	0.20	1.67	0.52	0.31	0.09	0.36	2.23
1990.....	2.63	0.32	0.24	1.69	0.19	0.19	1.70	0.49	0.35	0.09	0.44	2.20
1991.....	2.60	0.35	0.23	1.64	0.17	0.21	1.66	0.51	0.32	0.10	0.50	2.10
1992.....	2.69	0.35	0.25	1.67	0.18	0.24	1.67	0.54	0.37	0.11	0.51	2.18
1993.....	2.70	0.36	0.27	1.62	0.18	0.27	1.65	0.56	0.37	0.12	0.55	2.15
1994.....	2.53	0.28	0.23	1.56	0.18	0.27	1.55	0.51	0.35	0.12	0.54	1.98
1995.....	2.49	0.26	0.19	1.48	0.17	0.39	1.45	0.57	0.36	0.12	0.66	1.83
1996.....	2.22	0.18	0.17	1.38	0.14	0.36	1.33	0.48	0.31	0.11	0.53	1.69
NUMBER OF LOANS MADE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER, ANNUAL RATE												
1994 Q4...	1.83	0.32	0.18	0.98	0.12	0.22	1.08	0.36	0.28	0.10	0.41	1.42
1995 Q1...	2.35	0.29	0.23	1.33	0.17	0.33	1.31	0.56	0.35	0.12	0.54	1.81
Q2...	2.96	0.23	0.22	1.89	0.23	0.39	1.80	0.63	0.40	0.14	0.74	2.22
Q3...	2.61	0.22	0.13	1.68	0.15	0.44	1.55	0.60	0.37	0.10	0.73	1.89
Q4...	2.04	0.29	0.20	1.01	0.15	0.38	1.13	0.47	0.31	0.13	0.63	1.41
1996 Q1...	1.95	0.15	0.22	1.14	0.15	0.29	1.10	0.41	0.31	0.13	0.45	1.50
Q2...	2.74	0.15	0.17	1.83	0.14	0.45	1.64	0.60	0.38	0.13	0.68	2.07
Q3...	2.24	0.16	0.11	1.45	0.15	0.37	1.38	0.49	0.28	0.09	0.63	1.62
Q4...	1.95	0.25	0.17	1.08	0.11	0.34	1.18	0.41	0.25	0.10	0.37	1.58

ESTIMATES FROM THE QUARTERLY SAMPLE SURVEY OF BANK NON-REAL-ESTATE LOANS TO FARMERS
TABLE I.B

AVERAGE SIZE OF LOANS MADE (THOUSANDS OF DOLLARS)

	BY PURPOSE OF LOAN						BY SIZE OF LOAN (\$1,000s)				BY SIZE OF BANK	
	ALL LOANS	FEEDER LIVE-STOCK	OTHER LIVESTOCK	OTHER	FARM	OTHER	1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER
				CURRENT OPERATING EXPENSES	MACHINERY AND EQUIPMENT							
ANNUAL AVERAGE SIZE OF LOANS MADE												
1985.....	17.6	25.7	22.5	12.8	12.4	42.1	3.5	14.4	45.5	254.7	82.0	13.4
1986.....	19.0	35.0	25.8	14.0	13.6	32.9	3.5	14.9	44.9	280.4	62.0	15.3
1987.....	20.8	33.8	26.3	14.6	16.1	44.6	3.6	14.7	46.5	320.4	85.5	14.9
1988.....	21.8	34.1	40.6	16.7	13.9	34.7	3.7	14.8	45.2	320.4	70.0	16.3
1989.....	19.9	42.7	29.5	14.1	12.1	32.2	3.6	14.7	45.9	272.1	53.7	14.4
1990.....	28.4	69.7	22.7	15.7	11.9	94.3	3.6	14.8	46.1	487.7	100.7	13.9
1991.....	31.9	61.0	25.2	15.6	15.1	129.3	3.6	14.9	46.6	539.9	107.0	13.9
1992.....	31.2	68.2	26.9	14.7	15.9	108.7	3.7	14.8	45.9	468.2	97.0	15.8
1993.....	34.3	79.7	23.1	15.2	13.9	112.0	3.7	14.9	46.1	490.3	106.0	15.8
1994.....	33.9	60.3	27.6	16.3	17.5	123.6	3.7	14.6	47.0	480.7	101.3	15.4
1995.....	33.8	49.7	26.7	18.5	15.6	93.6	3.7	14.7	44.9	451.3	84.0	15.7
1996.....	39.2	59.0	24.2	26.0	17.2	95.2	3.7	15.0	45.2	545.9	115.0	15.4

AVERAGE SIZE OF LOANS MADE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER, ANNUAL RATE

1994 Q4...	45.0	44.9	30.7	16.3	14.0	202.0	3.9	14.9	47.5	572.2	142.4	16.9
1995 Q1...	34.8	65.2	24.6	20.1	15.4	83.8	3.6	14.8	46.7	431.3	90.8	18.1
Q2...	33.0	62.7	28.1	17.4	18.7	101.7	3.8	14.5	43.7	466.5	82.8	16.4
Q3...	27.7	33.9	26.4	14.6	14.4	79.5	3.6	14.5	44.5	437.5	66.8	12.6
Q4...	41.7	35.7	28.0	24.6	12.4	110.0	3.9	15.2	45.1	464.0	99.8	15.9
1996 Q1...	43.4	59.7	23.2	27.1	18.4	127.0	3.6	15.1	45.0	474.1	122.8	19.6
Q2...	43.3	44.0	25.4	39.6	15.7	73.2	3.7	14.9	44.8	673.1	131.1	14.5
Q3...	33.3	116.7	25.6	15.5	16.2	76.4	3.7	14.5	45.8	554.3	89.6	11.4
Q4...	36.2	31.3	23.5	15.8	19.0	118.1	3.9	15.5	45.5	467.7	119.1	16.9

ESTIMATES FROM THE QUARTERLY SAMPLE SURVEY OF BANK NON-REAL-ESTATE LOANS TO FARMERS
TABLE I.C

AMOUNT OF LOANS MADE (BILLIONS OF DOLLARS)

	BY PURPOSE OF LOAN						BY SIZE OF LOAN (\$1,000s)				BY SIZE OF BANK	
	ALL LOANS	FEEDER LIVE-STOCK	OTHER LIVESTOCK	OTHER CURRENT OPERATING EXPENSES	FARM MACHINERY AND EQUIPMENT	OTHER	1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER
ANNUAL AMOUNT OF LOANS MADE												
1985.....	52.1	8.6	5.2	22.6	4.4	11.3	7.2	7.4	13.5	24.0	14.9	37.3
1986.....	48.5	10.4	4.5	23.2	2.4	8.0	6.0	6.9	13.2	22.3	12.6	35.9
1987.....	49.6	13.2	3.4	22.5	2.3	8.3	5.7	6.8	12.6	24.5	17.1	32.5
1988.....	48.2	10.0	4.6	24.3	1.9	7.4	5.2	6.4	12.9	23.7	15.9	32.3
1989.....	51.6	12.9	6.0	24.3	2.0	6.4	6.1	7.7	14.4	23.4	19.6	32.0
1990.....	74.7	22.0	5.5	26.6	2.3	18.3	6.1	7.3	15.9	45.3	44.2	30.5
1991.....	82.8	21.4	5.8	25.5	2.5	27.6	6.1	7.6	15.1	54.0	53.7	29.1
1992.....	83.7	23.6	6.7	24.6	2.9	26.0	6.2	8.0	16.8	52.8	49.4	34.3
1993.....	92.6	28.7	6.2	24.7	2.5	30.6	6.1	8.3	17.1	61.0	58.8	33.8
1994.....	85.7	16.8	6.4	25.4	3.2	33.9	5.8	7.4	16.5	56.0	55.1	30.6
1995.....	84.1	12.7	5.2	27.3	2.7	36.1	5.4	8.3	16.0	54.4	55.3	28.8
1996.....	87.3	10.6	4.0	35.9	2.4	34.5	5.0	7.1	13.9	61.3	61.2	26.1
AMOUNT OF LOANS MADE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER, ANNUAL RATE												
1994 Q4...	82.44	14.5	5.6	16.0	1.7	44.6	4.2	5.4	13.3	59.5	58.4	24.1
1995 Q1...	81.59	18.9	5.6	26.8	2.6	27.8	4.8	8.4	16.2	52.2	48.8	32.8
Q2...	97.62	14.4	6.3	33.0	4.2	39.7	6.9	9.2	17.3	64.3	61.3	36.4
Q3...	72.31	7.5	3.4	24.5	2.1	34.9	5.5	8.7	16.3	41.7	48.6	23.7
Q4...	84.85	10.2	5.6	24.9	1.9	42.2	4.4	7.1	14.1	59.2	62.5	22.4
1996 Q1...	84.76	9.1	5.1	31.0	2.7	36.9	4.0	6.2	14.1	60.5	55.3	29.5
Q2...	118.96	6.6	4.2	72.7	2.2	33.2	6.1	8.9	16.8	87.2	89.1	29.9
Q3...	74.72	18.6	2.8	22.6	2.4	28.3	5.1	7.1	13.0	49.5	56.3	18.5
Q4...	70.77	8.0	3.9	17.2	2.1	39.6	4.7	6.4	11.6	48.1	44.0	26.7

ESTIMATES FROM THE QUARTERLY SAMPLE SURVEY OF BANK NON-REAL-ESTATE LOANS TO FARMERS
TABLE I.D

AVERAGE MATURITY OF LOANS MADE (MONTHS)

	BY PURPOSE OF LOAN						BY SIZE OF LOAN (\$1,000s)				BY SIZE OF BANK	
	ALL LOANS	FEEDER LIVE-STOCK	OTHER LIVESTOCK	OTHER	FARM	OTHER	1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER
				CURRENT OPERATING EXPENSES	MACHINERY AND EQUIPMENT							
ANNUAL AVERAGE MATURITY												
1985.....	8.0	6.1	7.8	7.3	13.4	8.8	6.7	7.7	9.1	7.9	6.9	8.4
1986.....	8.0	5.8	6.3	7.6	21.0	8.8	6.8	8.0	9.8	7.1	5.5	8.8
1987.....	8.4	5.5	7.7	7.6	22.8	12.1	7.5	8.1	9.3	8.3	5.9	9.3
1988.....	8.7	6.4	4.7	8.5	19.8	10.9	7.1	9.2	10.2	7.7	8.1	8.8
1989.....	8.1	6.8	7.4	7.2	18.7	11.8	7.4	8.3	9.3	7.1	7.8	8.2
1990.....	7.5	6.0	8.8	7.5	21.9	6.4	7.4	9.2	11.9	4.9	4.7	10.2
1991.....	7.3	6.7	8.5	7.2	24.6	5.3	7.7	8.3	10.6	5.8	5.2	9.6
1992.....	8.9	6.1	9.5	8.6	20.1	9.4	8.3	9.7	11.1	7.2	6.4	10.1
1993.....	9.2	7.3	9.6	8.3	30.4	9.4	8.5	10.0	11.1	7.4	6.4	10.4
1994.....	10.3	7.6	9.8	8.6	36.6	9.4	8.6	11.6	13.5	7.2	5.8	12.6
1995.....	9.9	8.7	9.9	8.5	26.5	10.0	9.0	10.8	12.1	8.2	7.3	11.4
1996.....	8.5	7.8	11.3	7.6	29.4	9.2	8.6	10.5	12.1	7.3	6.4	12.3

MATURITY OF LOANS MADE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER, ANNUAL RATE

1994 Q4...	8.3	5.7	8.2	7.3	28.2	11.3	7.6	10.5	12.3	4.8	5.8	9.3
1995 Q1...	10.3	8.0	9.8	10.5	28.4	7.0	9.3	11.2	13.9	8.1	5.6	12.3
Q2...	10.6	7.1	9.2	9.5	24.7	12.7	10.2	12.1	13.6	8.4	6.9	12.6
Q3...	9.0	7.9	10.4	6.8	30.4	10.9	8.0	9.8	9.4	7.6	6.7	10.1
Q4...	9.4	13.0	10.6	6.8	23.9	8.6	8.2	10.0	11.4	8.7	9.6	9.2
1996 Q1...	11.2	8.3	15.0	8.7	26.3	17.4	8.9	13.0	12.7	10.1	8.7	12.8
Q2...	7.1	16.1	7.4	6.0	35.7	5.8	9.8	10.7	13.0	5.6	5.1	12.7
Q3...	7.8	5.2	10.8	10.0	28.0	5.3	8.2	9.1	11.2	6.7	6.1	12.5
Q4...	8.4	6.4	10.9	9.2	28.5	7.0	7.1	9.4	11.1	7.6	6.4	11.1

ESTIMATES FROM THE QUARTERLY SAMPLE SURVEY OF BANK NON-REAL-ESTATE LOANS TO FARMERS
TABLE I.E

AVERAGE EFFECTIVE INTEREST RATE ON LOANS MADE

	BY PURPOSE OF LOAN						BY SIZE OF LOAN (\$1,000s)				BY SIZE OF BANK	
	ALL LOANS	FEEDER LIVE-STOCK	OTHER LIVESTOCK	OTHER	FARM	OTHER	1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER
				CURRENT OPERATING EXPENSES	MACHINERY AND EQUIPMENT							
ANNUAL AVERAGE INTEREST RATE												
1985.....	12.8	12.5	12.7	13.0	13.7	12.1	13.7	13.2	13.2	12.1	11.2	13.4
1986.....	11.5	11.1	11.9	11.5	12.2	11.2	12.4	12.0	11.8	10.8	9.6	12.1
1987.....	10.6	10.7	10.2	10.8	11.5	9.5	11.6	11.3	11.1	9.9	9.2	11.3
1988.....	11.2	10.9	11.9	11.2	11.7	10.7	11.7	11.6	11.4	10.8	10.2	11.6
1989.....	12.5	12.3	12.4	12.6	12.8	12.3	12.8	12.7	12.7	12.2	12.1	12.7
1990.....	11.4	11.5	12.0	11.7	12.3	10.7	12.5	12.4	12.1	10.9	10.9	12.3
1991.....	9.8	10.2	11.0	10.4	11.3	8.6	11.5	11.2	10.7	9.2	9.0	11.3
1992.....	7.8	8.2	8.6	8.8	9.3	6.3	9.7	9.3	8.8	7.1	6.8	9.4
1993.....	7.5	8.0	8.1	8.1	8.7	6.2	9.0	8.7	8.3	6.9	6.7	8.7
1994.....	7.8	8.3	8.0	8.4	8.6	7.0	9.1	8.8	8.6	7.3	7.2	8.8
1995.....	9.5	10.1	10.2	10.0	10.3	8.8	10.6	10.5	10.3	9.0	9.0	10.4
1996.....	8.4	8.8	9.5	8.6	9.7	8.0	10.2	10.1	9.8	7.8	7.8	10.0

AVERAGE RATE ON LOANS MADE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER, ANNUAL RATE

1994 Q4...	8.3	8.8	8.7	8.7	9.5	7.8	9.6	9.4	9.1	7.9	7.8	9.5
1995 Q1...	10.0	10.9	9.9	10.3	10.4	9.0	10.6	10.3	10.2	9.8	9.7	10.4
Q2...	9.4	9.6	10.2	9.9	10.2	8.7	10.6	10.6	10.4	8.8	8.9	10.3
Q3...	9.5	9.8	9.8	10.2	10.4	8.8	10.6	10.6	10.2	8.8	9.0	10.5
Q4...	9.2	9.7	10.6	9.4	10.0	8.8	10.6	10.5	10.2	8.8	8.8	10.6
1996 Q1...	8.5	9.5	9.9	8.8	9.8	7.8	10.3	10.1	9.8	7.9	7.7	10.0
Q2...	8.1	9.3	8.9	7.9	9.8	8.1	10.2	10.1	9.9	7.4	7.4	10.1
Q3...	8.6	8.0	9.6	9.7	9.9	7.9	10.2	10.1	9.8	7.9	8.1	10.2
Q4...	8.7	9.5	9.6	9.8	9.3	8.0	10.1	10.1	9.7	8.2	8.0	9.9

PERCENTAGE OF LOANS MADE WITH A FLOATING INTEREST RATE

	BY PURPOSE OF LOAN						BY SIZE OF LOAN (\$1,000s)				BY SIZE OF BANK	
	ALL LOANS	FEEDER LIVE-STOCK	OTHER LIVESTOCK	OTHER CURRENT OPERATING EXPENSES	FARM MACHINERY AND EQUIPMENT	OTHER	1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER
ANNUAL PERCENTAGE OF LOANS MADE												
1985.....	45.3	61.4	44.9	43.0	19.6	47.3	27.6	31.5	42.0	56.6	77.1	32.6
1986.....	53.4	60.5	34.8	57.2	30.9	50.6	40.6	41.8	48.2	63.7	71.9	47.0
1987.....	59.5	51.6	69.6	62.1	55.5	62.1	48.5	45.6	54.4	68.5	77.6	49.9
1988.....	61.4	65.3	39.5	63.8	54.9	63.2	49.3	51.5	60.8	67.0	79.1	52.6
1989.....	61.0	71.4	40.0	59.7	32.9	73.6	50.4	49.6	58.5	69.1	83.6	47.2
1990.....	65.2	76.8	61.6	68.3	40.0	51.2	53.6	59.2	66.0	67.5	69.4	59.3
1991.....	65.1	81.5	69.3	68.8	40.6	50.3	52.0	59.0	64.0	67.8	70.0	56.1
1992.....	71.7	78.5	63.5	66.3	47.8	75.3	57.3	59.1	61.2	78.6	82.9	55.5
1993.....	76.7	84.6	70.0	70.3	48.2	78.1	60.1	61.0	64.5	83.9	86.9	58.9
1994.....	75.1	82.9	74.3	72.3	51.6	75.7	58.6	59.8	70.4	80.2	83.7	59.7
1995.....	73.8	83.9	75.9	73.0	53.1	72.2	61.7	63.9	73.6	76.7	79.9	62.3
1996.....	63.1	58.1	71.2	67.3	32.9	61.4	60.6	61.5	69.1	62.2	65.4	57.9
AVERAGE PERCENTAGE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER												
1994 Q4...	73.1	70.7	64.3	72.3	43.3	76.5	58.9	62.2	69.8	75.9	80.3	55.7
1995 Q1...	79.0	88.3	76.1	84.3	55.7	70.3	63.6	61.4	79.9	82.9	83.1	72.9
Q2...	67.3	82.8	79.5	65.7	59.7	62.0	60.9	63.2	66.1	69.0	73.7	56.7
Q3...	73.4	76.3	51.1	65.3	50.2	82.0	61.7	65.1	72.1	77.2	83.3	53.2
Q4...	76.7	82.8	86.5	78.0	37.9	75.0	60.6	66.3	77.0	79.1	80.8	65.5
1996 Q1...	70.4	86.4	56.6	74.6	40.0	67.0	58.7	61.6	67.1	72.8	74.1	63.3
Q2...	61.9	85.9	82.0	62.4	26.9	55.8	61.8	63.9	69.2	60.3	63.7	56.4
Q3...	55.3	34.8	76.3	70.5	32.2	56.5	62.7	63.3	73.0	48.7	54.8	56.9
Q4...	64.8	57.0	75.1	71.0	31.2	64.4	58.3	56.2	66.7	66.1	71.1	54.3

Table I.G

PERCENTAGE DISTRIBUTION OF NON-REAL-ESTATE FARM LOANS MADE BY BANKS.¹
BY EFFECTIVE INTEREST RATE

Effective interest rate (percent)	November											Memo: Percentage Distribution of Number of Loans,	
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Aug 96	Nov 96
All Loans	100	100	100	100	100	100	100	100	100	100	100	100	100
Under 5 percent	-	-	-	-	-	-	12	8	-	-	-	-	-
5.0 to 5.9	-	-	-	-	-	-	7	8	3	*	*	*	*
6.0 to 6.9	1	-	-	-	-	2	20	26	15	10	19	*	1
7.0 to 7.9	6	1	-	-	-	16	16	16	27	12	8	2	2
8.0 to 8.9	12	11	-	-	-	10	22	20	23	11	27	14	14
9.0 to 9.9	11	15	5	1	3	17	16	18	20	30	25	37	38
10.0 to 10.9	13	17	25	10	36	18	7	3	6	25	16	33	32
11.0 to 11.9	29	25	41	29	24	22	1	2	6	9	4	11	10
12.0 to 12.9	25	27	20	41	30	10	-	-	-	1	1	2	2
13.0 to 13.9	2	4	7	17	5	4	-	-	-	1	*	1	*
14.0 to 14.9	1	-	2	2	1	-	-	-	-	*	-	*	*
15.0 to 15.9	-	-	-	-	-	-	-	-	-	-	*	*	*
16.0 to 16.9	-	-	-	-	-	-	-	-	-	-	-	-	*
17.0 to 17.9	-	-	-	-	-	-	-	-	-	-	-	-	-
18.0 to 18.9	-	-	-	-	-	-	-	-	-	-	-	-	-
19.0 to 19.9	-	-	-	-	-	-	-	-	-	-	-	-	-
20.0 to 20.9	-	-	-	-	-	-	-	-	-	-	-	-	-
21.0 to 21.9	-	-	-	-	-	-	-	-	-	-	-	-	-
22.0 to 22.9	-	-	-	-	-	-	-	-	-	-	-	-	-
23.0 to 23.9	-	-	-	-	-	-	-	-	-	-	-	-	-
24.0 to 24.9	-	-	-	-	-	-	-	-	-	-	-	-	-
25.0 and over	-	-	-	-	-	-	-	-	-	-	-	-	-

1. Percentage distribution of the estimated 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.

Data are estimates from the Federal Reserve survey of terms of bank lending to farmers. Percentages may not add to 100 percent because of rounding.

* indicates less than .5 percent.

SURVEY OF TERMS OF BANK LENDING MADE DURING NOVEMBER 4-8, 1996
Loans to farmers

	Size class of loans (thousands)							
	all sizes	\$1-9	\$10-24	\$25-49	\$50-99	\$100-249	\$250 and over	
ALL BANKS								
1	Amount of loans (thousands)	1,491,381	91,880	127,718	110,593	135,307	223,937	801,946
2	Number of loans	39,308	23,258	8,253	3,400	2,081	1,506	811
3	Weighted average maturity (months) ¹	11.6	7.1	9.9	13.8	13.3	15.1	10.7
4	Weighted average interest rate (percent) ²	8.80	10.13	10.08	9.78	9.60	9.39	8.00
5	Standard error ³	0.25	0.07	0.06	0.08	0.12	0.10	0.31
6	Interquartile range ⁴	7.50 - 9.81	9.60 - 10.72	9.53 - 10.75	9.19 - 10.33	8.75 - 10.25	8.57 - 9.92	6.75 - 8.84
	By purpose of loan							
7	Feeder livestock	9.48	9.86	9.96	9.87	9.67	9.57	8.77
8	Other livestock	9.58	10.36	10.37	9.62	9.84	9.04	8.64
9	Other current operating expenses	9.86	10.11	10.17	10.07	9.76	9.91	9.42
10	Farm machinery and equipment	9.33	10.57	10.16	9.44	9.65	9.98	6.42
11	Farm real estate	9.58	10.95	9.87	9.17	9.63	9.58	9.55
12	Other	8.02	10.03	9.80	9.51	9.15	8.85	7.70
	Percentage of the amount of loans							
13	With floating rates	64.4	58.0	55.1	63.0	65.8	62.8	67.0
14	Made under commitment	79.4	68.4	56.7	63.8	64.7	67.2	92.3
	By purpose of loan							
15	Feeder livestock	11.0	11.2	12.0	15.3	19.3	24.8	4.9
16	Other livestock	5.1	8.3	7.2	8.9	18.1	3.5	2.1
17	Other current operating expenses	24.1	62.5	50.3	40.3	27.5	26.1	12.2
18	Farm machinery and equipment	2.9	6.1	8.6	6.6	7.7	0.6	0.9
19	Farm real estate	3.5	0.6	4.4	5.2	3.3	9.7	1.8
20	Other	53.4	11.3	17.5	23.6	24.0	35.2	78.1
LARGE FARM LENDERS⁵								
21	Amount of loans (thousands)	1,020,878	21,273	38,402	45,272	62,349	105,676	747,905
22	Number of loans	11,505	5,345	2,523	1,344	954	703	637
23	Weighted average maturity (months) ¹	10.3	6.8	8.4	9.0	11.7	11.3	10.4
24	Weighted average interest rate (percent) ²	8.31	9.94	9.72	9.56	9.34	9.19	7.90
25	Standard error ³	0.29	0.07	0.07	0.10	0.08	0.15	0.32
26	Interquartile range ⁴	6.81 - 9.11	9.38 - 10.48	9.11 - 10.28	9.04 - 10.12	8.66 - 9.79	8.57 - 9.73	6.75 - 8.57
	By purpose of loan							
27	Feeder livestock	9.10	9.62	9.77	9.91	9.50	9.46	8.67
28	Other livestock	9.02	9.92	9.64	9.47	9.31	9.04	8.64
29	Other current operating expenses	9.55	10.02	9.90	9.68	9.66	9.57	9.39
30	Farm machinery and equipment	7.79	10.07	9.73	9.53	9.47	9.98	6.42
31	Farm real estate	9.29	9.86	10.02	10.05	9.39	9.24	9.02
32	Other	7.90	9.88	9.51	9.37	9.11	9.00	7.62
	Percentage of the amount of loans							
33	With floating rates	72.5	85.8	83.3	82.5	84.5	86.0	68.0
34	Made under commitment	91.1	81.4	78.5	82.8	83.0	86.7	93.8
	By purpose of loan							
35	Feeder livestock	5.8	5.5	9.1	10.7	11.2	10.3	4.2
36	Other livestock	3.6	7.6	8.8	6.8	6.3	7.5	2.3
37	Other current operating expenses	17.0	53.4	39.7	31.9	29.3	21.8	12.2
38	Farm machinery and equipment	1.2	2.3	3.9	1.9	1.1	1.4	1.0
39	Farm real estate	1.2	0.5	2.0	2.9	2.4	2.3	0.9
40	Other	71.2	30.7	36.4	45.7	49.7	56.8	79.5
OTHER BANKS⁵								
41	Amount of loans (thousands)	470,503	70,606	89,315	65,321	72,958	118,261	54,041
42	Number of loans	27,803	17,913	5,730	2,056	1,127	803	174
43	Weighted average maturity (months) ¹	14.0	7.2	10.6	17.1	14.5	18.1	14.8
44	Weighted average interest rate (percent) ²	9.86	10.18	10.23	9.93	9.82	9.57	9.42
45	Standard error ³	0.12	0.10	0.08	0.14	0.25	0.13	0.39
46	Interquartile range ⁴	9.21 - 10.52	9.65 - 10.76	9.64 - 10.88	9.35 - 10.52	8.81 - 10.79	8.57 - 10.34	8.84 - 9.99
	By purpose of loan							
47	Feeder livestock	9.69	9.89	10.02	9.85	9.73	9.60	9.15
48	Other livestock	10.11	10.48	10.80	9.69	9.95	--	--
49	Other current operating expenses	10.15	10.13	10.25	10.26	9.85	10.14	9.85
50	Farm machinery and equipment	9.95	10.62	10.23	9.42	9.66	--	--
51	Farm real estate	9.67	11.23	9.84	8.91	9.76	9.63	9.99
52	Other	9.27	10.28	10.27	10.04	9.99	8.36	9.26
	Percentage of the amount of loans							
53	With floating rates	46.7	49.6	42.9	49.4	49.8	42.1	52.2
54	Made under commitment	54.0	64.5	47.4	50.6	49.1	49.8	70.8
	By purpose of loan							
55	Feeder livestock	22.3	12.9	13.2	18.5	26.2	37.8	14.9
56	Other livestock	8.3	8.5	6.5	10.4	28.3	--	--
57	Other current operating expenses	39.6	65.2	54.9	46.2	26.0	29.9	12.3
58	Farm machinery and equipment	6.5	7.2	10.6	9.9	13.4	--	--
59	Farm real estate	8.4	0.6	5.4	6.8	4.0	16.3	14.3
60	Other	14.8	5.5	9.4	8.2	2.1	16.0	58.4

NOTES TO TABLE I.H

The Survey of Terms of Bank Lending to Farmers collects data on gross loan extensions made during the first full business week in the mid-month of each quarter by a sample of 250 banks of all sizes. The sample data are blown up to estimate the lending terms at all insured agricultural banks during that week. The estimated terms of bank lending are not intended for use in collecting the terms of loans extended over the entire quarter or residing in the portfolios of those banks. Loans of less than \$1,000 are excluded from the survey. Beginning with the August 1986 survey, loans secured by farm real estate are included in the survey, and one purpose of a loan may be "purchase or improve farm real estate". In previous surveys, the purpose of such loans are reported as "other".

1. Average maturities are weighted by loan size and exclude demand loans.
2. Effective (compounded) annual interest rates are calculated from the stated rate and other terms of the loans and weighted by loan size.
3. The chances are about two out of three that the average rate shown would differ by less than this amount from the average rate that would be found by a complete survey of lending at all banks.
4. The interquartile range shows the interest rate range that encompasses the middle 50 percent of the total dollar amount of loans made.
5. Among banks reporting loans to farmers, most "large banks" (survey strata 1 and 2) had over \$20 million in farm loans, most "other banks" (survey strata 3 to 5) had farm loans below \$20 million.

Table I.1
Survey of Terms of Bank Lending to Farmers, (selected quarters)

by USDA Farm Production Region*

16

	USDA Region									
	NE	LS	CB	NP	AP	SE	DL	SP	MN	PA
Proportion of farm loans outstanding, Nov. 1996 survey	2.8	10.1	25.1	16.9	6.5	5.3	5.9	9.4	7.0	11.0
Sample Coverage, Nov. 1996 survey (%)	15.0	5.3	8.9	13.4	11.8	6.8	6.2	6.5	21.4	72.5
Avg. Loan Size, Nov. 1996 survey (\$1000)	25.8	15.3	18.3	24.3	427.2	30.7	24.8	62.2	71.6	133.8
Survey date:	Weighted Average Interest Rate During Sample Week									
Nov. 1991	9.8 (.23)	10.6 (.27)	10.2 (.38)	9.3 (.71)	7.1 (1.03)	9.4 (.18)	9.2 (.33)	10.0 (.52)	9.5 (.58)	8.3 (.36)
Feb. 1992	8.4 (.15)	10.2 (.16)	9.3 (.21)	8.8 (.44)	6.3 (1.06)	8.0 (.33)	8.2 (.67)	8.7 (.57)	8.2 (.45)	6.8 (.21)
May 1992	8.6 (.20)	9.8 (.19)	9.1 (.13)	8.4 (.55)	6.3 (1.29)	8.0 (.35)	8.3 (.53)	9.0 (.81)	7.9 (.43)	7.3 (.19)
Aug. 1992	7.7 (.15)	9.3 (.21)	9.1 (.10)	8.6 (.50)	5.6 (1.36)	7.0 (.17)	8.1 (.30)	8.3 (.94)	7.5 (.32)	7.1 (.27)
Nov. 1992	7.9 (.28)	9.2 (.18)	8.3 (.25)	7.9 (.56)	5.5 (1.38)	7.3 (.39)	8.4 (.13)	8.2 (.50)	7.6 (.47)	6.9 (.33)
Feb. 1993	7.8 (.27)	9.0 (.28)	8.0 (.27)	8.0 (.47)	5.6 (.90)	8.3 (.22)	7.8 (.41)	7.8 (.61)	7.5 (.41)	6.5 (.44)
May 1993	8.1 (.24)	8.7 (.21)	8.1 (.27)	7.9 (.32)	5.2 (.57)	8.4 (.29)	7.8 (.43)	8.3 (.48)	7.7 (.52)	6.8 (.26)
Aug. 1993	8.2 (.35)	7.5 (.69)	8.2 (.18)	8.0 (.33)	5.7 (.94)	7.3 (.37)	7.0 (.74)	7.7 (.62)	7.1 (.34)	7.2 (.39)
Nov. 1993	8.3 (.28)	8.1 (.19)	7.8 (.22)	7.4 (.50)	5.3 (1.73)	6.3 (.07)	8.2 (.12)	7.8 (.57)	7.1 (.36)	6.7 (.49)
Feb. 1994	7.7 (.32)	8.6 (.25)	7.9 (.22)	7.5 (.39)	5.2 (1.09)	7.3 (.09)	7.7 (.33)	7.6 (.43)	7.3 (.69)	6.9 (.31)
May 1994	8.7 (.28)	9.0 (.26)	8.0 (.17)	8.1 (.23)	6.1 (.79)	8.2 (.29)	7.8 (.60)	8.4 (.36)	7.5 (.34)	7.2 (.26)
Aug. 1994	9.1 (.19)	8.6 (.41)	8.3 (.40)	8.6 (.19)	6.5 (.83)	8.6 (.11)	7.6 (.72)	8.6 (.37)	7.6 (.35)	7.5 (.25)
Nov. 1994	10.2 (.38)	9.7 (.18)	8.9 (.18)	8.5 (.39)	7.1 (.39)	8.5 (.37)	8.8 (.68)	9.0 (.17)	8.0 (.43)	8.5 (.20)
Feb. 1995	11.7 (.65)	10.7 (.14)	10.0 (.14)	9.9 (.16)	8.6 (.79)	7.2 (1.79)	10.4 (.34)	10.4 (.21)	9.4 (.50)	9.4 (.25)
May 1995	9.0 (.38)	10.4 (.29)	9.3 (.45)	9.4 (.42)	8.5 (.93)	10.2 (.31)	10.7 (.74)	10.1 (.18)	9.3 (.23)	9.3 (.34)
Aug. 1995	9.6 (.36)	10.3 (.21)	9.3 (.46)	9.8 (.16)	8.1 (.96)	9.6 (.10)	10.4 (.31)	10.1 (.22)	9.4 (.39)	9.5 (.29)
Nov. 1995	10.8 (.32)	10.3 (.21)	8.3 (.93)	9.6 (.26)	7.9 (.80)	10.1 (.25)	10.3 (.32)	9.8 (.24)	9.3 (.66)	8.9 (.40)
Feb. 1996	8.8 (.32)	9.9 (.25)	8.0 (1.10)	9.4 (.22)	7.3 (.99)	9.4 (.31)	10.9 (.22)	9.9 (.24)	8.9 (.85)	8.1 (.65)
May 1996	10.3 (.25)	10.2 (.13)	7.3 (.93)	9.0 (.38)	8.1 (.86)	9.6 (.68)	10.4 (.36)	9.8 (.25)	8.7 (.78)	8.3 (.65)
Aug. 1996	8.3 (.87)	9.9 (.18)	8.9 (.49)	9.4 (.25)	7.6 (.82)	9.4 (.59)	10.0 (.37)	9.4 (.18)	8.9 (.58)	8.1 (.56)
Nov. 1996	10.1 (.21)	9.9 (.14)	9.3 (.11)	9.0 (.55)	7.5 (.82)	9.3 (.57)	9.9 (.40)	9.1 (.25)	9.0 (.75)	8.6 (.48)

* NE is Northeast, LS is Lake States, CB is Cornbelt, NP is Northern Plains, AP is Appalachia, SE is Southeast, DL is Delta States, SP is Southern Plains, MN is Mountain States, and PA is Pacific.

Standard errors are in parentheses below each estimate. Standard errors are calculated from 100 replications of a bootstrap procedure (resampling of banks) in each region.

SECTION II: SELECTED STATISTICS FROM THE QUARTERLY REPORTS OF CONDITION OF COMMERCIAL BANKS

TABLES:

Page

Commercial banks:

II.A	Estimated volume of farm loans at insured commercial banks.....	19
II.B	Estimated delinquent non-real-estate farm loans at insured commercial banks.....	20
II.C	Estimated net charge-offs of non-real-estate farm loans at insured commercial banks.....	21
II.D	Estimated delinquent real estate farm loans at insured commercial banks.....	22
II.E	Estimated net charge-offs of real estate farm loans at insured commercial banks.....	23

Agricultural banks:

II.F	Distribution of agricultural banks by ratio of nonperforming loans to total loans.....	24
II.G	Distribution of agricultural banks by rate of return to equity.....	25
II.H	Loan-deposit ratios at agricultural banks.....	26
II.I	Failures of agricultural banks.....	27

SOURCES OF DATA:

The data in tables II.A through II.H are prepared using data from the quarterly reports of condition and income for commercial banks. Delinquencies and charge-offs of non-real-estate farm loans for the nation as a whole (table II.B and table II.C) are estimated from reports of banks that hold more than 90 percent of total non-real-estate farm loans. The incomplete coverage arises because banks with less than \$300 million in assets have been excused from some reporting requirements. First, these smaller banks report delinquencies and charge-offs of "agricultural loans" according to the particular bank's own definition, which may include loans that are secured by farm real estate. Furthermore, small banks that hold less than 5 percent of total loans as farm production loans are not required to report any information regarding delinquencies or charge-offs of "agricultural loans." In constructing the data presented in the tables, banks that are not required to report these data are assumed to have the same delinquency rates as those that do report. Recently, banks began to report delinquencies of loans that are secured by farm real estate. These data, which are shown in tables II.D and II.E, are reported by all banks, regardless of the size of the institution or the relative amounts of farm loans that they hold. Because "agricultural loans" and loans secured by farm real estate may overlap for some small banks, it is unclear whether it is proper to add the data in table II.B to its counterpart in table II.D to obtain total agricultural delinquencies. A similar caveat applies to the data concerning charge-offs in tables II.C and II.E.

Examination of total lending at banks that have a high exposure to agricultural loans provides an alternative perspective on the agricultural lending situation. Agricultural banks in table II.D through table II.I are those that have a proportion of farm loans (real estate plus nonreal estate) to total loans that is greater than the unweighted average at all banks. The estimate of this average was 15.8 percent in September of 1996.

Information on failed banks (table II.I) is obtained from news releases of the Federal Deposit Insurance Corporation, with agricultural banks broken out in our tabulation according to the definition stated in the previous paragraph.

Recent Developments:

Loans outstanding: At the close of the third quarter of 1996, the volume of farm loans had risen 1.9 percent from its level one year earlier, compared with a 3.4 percent year-over-year increase in the second quarter. The deceleration in the growth of total farm loans reflected a marked slowdown in the growth of the volume of non-real-estate farm loans relative to earlier years. The volume of farm real estate debt that was held by commercial banks was 4.7 percent above the reading from one year earlier, towards the low end of the range of growth rates seen during the third quarter during the past decade or so.

Problem loans: At the end of September 1996, delinquent farm non-real-estate loans amounted to \$1.0 billion, about 2.3 percent of such loans outstanding. Both in absolute levels and as a percentage of loans outstanding, these figures provide further evidence of a slight increase in delinquencies that first was noticeable in the first quarter of 1996. The pickup in delinquencies of farm non-real-estate loans likely reflects assorted production problems this year for crops and cattle that reflect poor weather conditions in many parts of the Midwest. Net charge-offs of farm non-real-estate loans remained up as well, apparently as agricultural bankers dealt promptly with problem agricultural loans. The volume outstanding of delinquent farm real estate loans was up slightly from year-earlier levels, and charge-offs of these loans were up a touch as well. The proportion of agricultural banks that reported a level of nonperforming loans that was greater than 2 percent of total loans remained higher than third quarter readings for the past several years. Although farm banks now may face a bit less favorable operating environment than they have enjoyed since the latter 1980s, by far the majority of agricultural banks continue to report few problem loans.

Performance of agricultural banks: The average rate of return on assets at agricultural banks through September of 1996 was 0.9 percent, identical to the return during the same period at agricultural banks for the past several years. The average capital ratio for agricultural banks at the close of the third quarter was a bit below that seen in earlier years. Capital ratios began to decline in early 1996 as the volume of problem loans grew, nevertheless agricultural banks remained well-capitalized when compared to their average level of capital over the past decade. At the end of the third quarter, the ratio of loans to deposits at agricultural banks remained quite high relative to historical norms.

Failures of agricultural banks: Two agricultural banks failed in 1996, the first failures of agricultural banks since 1993. Given the strong capital positions of most agricultural banks and their still low levels of problem loans, the number of failures seems likely to remain fairly small in coming quarters.

TABLE II.A

FARM DEBT OUTSTANDING AT COMMERCIAL BANKS, END OF QUARTER

	LOAN VOLUME, BILLIONS OF DOLLARS			PERCENT CHANGE FROM PREVIOUS QUARTER			PERCENT CHANGE FROM PREVIOUS YEAR		
	TOTAL LOANS	REAL	NONREAL	TOTAL LOANS	REAL	NONREAL	TOTAL LOANS	REAL	NONREAL
		ESTATE LOANS	ESTATE LOANS		ESTATE LOANS	ESTATE LOANS		ESTATE LOANS	
1989 Q1...	44.2	15.8	28.4	-2.2	2.7	-4.7	3.2	7.5	1.0
Q2...	47.0	16.3	30.7	6.3	3.0	8.2	3.5	7.6	1.5
Q3...	48.0	16.5	31.5	2.1	1.2	2.5	4.1	7.6	2.4
Q4...	47.4	16.6	30.8	-1.2	0.9	-2.2	4.9	8.0	3.3
1990 Q1...	46.1	16.8	29.3	-2.8	0.7	-4.7	4.3	5.9	3.4
Q2...	49.0	17.1	31.9	6.4	2.2	8.7	4.3	5.1	3.9
Q3...	50.5	17.3	33.2	3.1	1.1	4.1	5.3	5.0	5.5
Q4...	50.1	17.2	32.9	-0.8	-0.6	-0.9	5.7	3.5	6.9
1991 Q1...	49.5	17.5	32.0	-1.3	1.5	-2.8	7.4	4.3	9.1
Q2...	52.6	18.1	34.5	6.2	3.4	7.7	7.2	5.5	8.1
Q3...	53.9	18.3	35.6	2.5	1.4	3.1	6.6	5.8	7.1
Q4...	53.0	18.4	34.6	-1.6	0.6	-2.7	5.7	7.0	5.1
1992 Q1...	51.9	18.9	33.0	-2.1	2.7	-4.6	4.9	8.2	3.1
Q2...	55.1	19.5	35.6	6.2	3.3	7.8	4.9	8.1	3.2
Q3...	56.2	19.9	36.2	1.9	1.9	1.9	4.2	8.6	1.9
Q4...	54.5	19.9	34.7	-2.9	-0.2	-4.4	2.9	7.8	0.2
1993 Q1...	52.8	20.0	32.8	-3.2	0.5	-5.3	1.7	5.6	-0.5
Q2...	56.0	20.6	35.4	6.0	3.1	7.8	1.6	5.4	-0.6
Q3...	58.0	20.8	37.1	3.5	1.2	4.9	3.2	4.7	2.4
Q4...	57.7	20.9	36.8	-0.5	0.1	-0.8	5.8	5.0	6.2
1994 Q1...	56.8	21.2	35.5	-1.5	1.8	-3.4	7.6	6.4	8.3
Q2...	61.1	21.9	39.2	7.6	3.2	10.2	9.1	6.4	10.7
Q3...	63.0	22.4	40.6	3.1	2.2	3.6	8.7	7.5	9.3
Q4...	61.3	22.6	38.7	-2.7	0.7	-4.6	6.2	8.2	5.2
1995 Q1...	59.9	22.9	36.9	-2.3	1.6	-4.6	5.4	8.0	3.9
Q2...	63.5	23.6	40.0	6.1	2.7	8.2	4.0	7.5	2.0
Q3...	65.3	23.8	41.5	2.9	1.1	3.9	3.7	6.3	2.3
Q4...	63.7	23.9	39.8	-2.5	0.4	-4.1	3.9	5.9	2.8
1996 Q1...	61.7	24.0	37.7	-3.1	0.5	-5.3	3.1	4.8	2.0
Q2...	65.7	24.7	41.0	6.5	2.7	8.9	3.4	4.7	2.7
Q3...	66.6	24.9	41.6	1.3	1.1	1.5	1.9	4.7	0.3

TABLE II.B

ESTIMATED DELINQUENT FARM NON-REAL-ESTATE LOANS
INSURED COMMERCIAL BANKS

	BILLIONS OF DOLLARS						AS PERCENTAGE OF OUTSTANDING FARM PRODUCTION LOANS					
	NONPERFORMING						NONPERFORMING					
	PAST DUE 30 TO 89 DAYS		PAST DUE 90 DAYS		NON- ACCRUAL	MEMO: RESTRUCTURED LOANS IN COMPLIANCE	PAST DUE 30 TO 89 DAYS		PAST DUE 90 DAYS		NON- ACCRUAL	MEMO: RESTRUCTURED LOANS IN COMPLIANCE
TOTAL	ACCRUING	TOTAL	ACCRUING			TOTAL	ACCRUING	TOTAL	ACCRUING			
-----December 31 of year indicated-----												
1987.....	1.9	0.5	1.4	0.2	1.2	0.5	6.5	1.7	4.8	0.7	4.2	1.7
1988.....	1.4	0.4	1.0	0.1	0.9	0.5	4.5	1.2	3.3	0.5	2.9	1.6
1989.....	1.1	0.4	0.7	0.1	0.6	0.4	3.7	1.3	2.3	0.5	1.9	1.4
1990.....	1.0	0.4	0.6	0.1	0.5	0.4	3.1	1.3	1.9	0.3	1.6	1.1
1991.....	1.1	0.4	0.7	0.1	0.5	0.3	3.2	1.3	1.9	0.3	1.6	0.9
1992.....	1.0	0.3	0.6	0.1	0.5	0.2	2.8	1.0	1.8	0.3	1.5	0.7
1993.....	0.8	0.3	0.5	0.1	0.4	0.2	2.2	0.8	1.4	0.2	1.2	0.5
1994.....	0.8	0.3	0.4	0.1	0.3	0.1	2.0	0.9	1.1	0.2	0.9	0.4
1995.....	0.8	0.4	0.4	0.1	0.3	0.0	2.1	0.9	1.1	0.3	0.9	0.0
-----End of quarter-----												
1993 Q3...	0.8	0.2	0.6	0.1	0.5	0.2	2.3	0.7	1.6	0.3	1.3	0.5
Q4...	0.8	0.3	0.5	0.1	0.4	0.2	2.2	0.8	1.4	0.2	1.2	0.5
1994 Q1...	1.1	0.5	0.6	0.1	0.4	0.2	3.1	1.5	1.6	0.4	1.2	0.4
Q2...	0.9	0.3	0.6	0.1	0.4	0.2	2.2	0.7	1.5	0.4	1.1	0.4
Q3...	0.8	0.3	0.5	0.1	0.4	0.1	1.9	0.6	1.3	0.3	1.0	0.4
Q4...	0.8	0.3	0.4	0.1	0.3	0.1	2.0	0.9	1.1	0.2	0.9	0.4
1995 Q1...	1.1	0.6	0.5	0.1	0.4	0.0	2.9	1.6	1.4	0.4	1.0	0.0
Q2...	0.9	0.4	0.5	0.1	0.4	0.0	2.3	0.9	1.3	0.4	1.0	0.0
Q3...	0.8	0.3	0.5	0.1	0.4	0.0	1.9	0.7	1.2	0.3	0.9	0.0
Q4...	0.8	0.4	0.4	0.1	0.3	0.0	2.1	0.9	1.1	0.3	0.9	0.0
1996 Q1...	1.3	0.7	0.6	0.2	0.4	0.0	3.4	1.8	1.6	0.5	1.1	0.0
Q2...	1.2	0.5	0.7	0.2	0.5	0.0	2.8	1.2	1.6	0.5	1.1	0.0
Q3...	1.0	0.3	0.6	0.2	0.4	0.0	2.3	0.8	1.5	0.4	1.0	0.0

Data are estimates of the national totals for farm non-real-estate loans. After 1984, estimates are based on reports from banks that hold more than 90 percent of such loans. Earlier, only large banks that held about one-fourth of such loans reported nonaccrual and renegotiated farm loans; for other banks, estimates of delinquent farm loans are based on a study of delinquent total loans at these banks.

TABLE II.C

ESTIMATED NET CHARGE-OFFS OF NON-REAL-ESTATE FARM LOANS
INSURED COMMERCIAL BANKS*

	ESTIMATED AMOUNT MILLIONS OF DOLLARS					CHARGE-OFFS AS A PERCENTAGE OF SUCH LOANS OUTSTANDING				
	ANNUAL TOTAL	Q1	Q2	Q3	Q4	ANNUAL TOTAL	Q1	Q2	Q3	Q4
1989.....	91	10	26	15	40	0.27	0.03	0.09	0.05	0.13
1990.....	51	-5	19	10	28	0.20	-0.02	0.06	0.03	0.08
1991.....	105	12	25	36	32	0.32	0.04	0.08	0.10	0.09
1992.....	82	14	20	29	18	0.24	0.04	0.06	0.08	0.05
1993.....	54	7	16	5	26	0.15	0.02	0.05	0.01	0.07
1994.....	69	10	11	15	33	0.19	0.03	0.03	0.04	0.08
1995.....	51	-2	14	13	25	0.13	-0.00	0.04	0.03	0.06
1996.....	**	16	27	24	**	**	0.04	0.07	0.06	**

* Data are estimates of the national charge-offs of farm non-real-estate loans based on reports from banks that hold more than 90 percent of the outstanding national volume of such loans. Additional uncertainty of the estimates arises because small banks report only charge-offs of 'agricultural' loans as defined by each bank for its internal purposes. Banks first reported these data on the March 1984 Report of Income.

TABLE II.D

DELINQUENT FARM REAL ESTATE LOANS
INSURED COMMERCIAL BANKS

	BILLIONS OF DOLLARS					AS PERCENTAGE OF OUTSTANDING FARM REAL ESTATE LOANS				
	NONPERFORMING					NONPERFORMING				
	TOTAL	PAST DUE 30 TO 89 DAYS ACCRUING	TOTAL	PAST DUE 90 DAYS ACCRUING	NON- ACCRUAL	TOTAL	PAST DUE 30 TO 89 DAYS ACCRUING	TOTAL	PAST DUE 90 DAYS ACCRUING	NON- ACCRUAL
-----December 31 of year indicated-----										
1991.....	0.5	0.2	0.3	0.1	0.2	2.6	1.0	1.6	0.4	1.2
1992.....	0.4	0.2	0.3	0.1	0.2	2.1	0.8	1.3	0.3	1.0
1993.....	0.4	0.1	0.2	0.0	0.2	1.8	0.7	1.1	0.2	0.8
1994.....	0.3	0.1	0.2	0.0	0.1	1.5	0.7	0.8	0.2	0.6
1995.....	0.5	0.2	0.2	0.1	0.1	2.1	1.0	1.0	0.4	0.6
-----End of quarter-----										
1993 Q3...	0.4	0.1	0.3	0.1	0.2	1.8	0.3	1.3	0.3	0.9
Q4...	0.4	0.1	0.2	0.0	0.2	1.8	0.7	1.1	0.2	0.8
1994 Q1...	0.4	0.2	0.2	0.1	0.2	2.1	1.0	1.1	0.4	0.7
Q2...	0.4	0.1	0.2	0.1	0.2	1.6	0.6	1.0	0.4	0.7
Q3...	0.3	0.1	0.2	0.1	0.1	1.5	0.5	1.0	0.3	0.7
Q4...	0.3	0.1	0.2	0.0	0.1	1.5	0.7	0.8	0.2	0.6
1995 Q1...	0.4	0.2	0.2	0.1	0.1	1.9	0.9	1.0	0.3	0.6
Q2...	0.4	0.1	0.2	0.1	0.1	1.5	0.6	0.9	0.3	0.6
Q3...	0.3	0.1	0.2	0.1	0.1	1.4	0.5	0.9	0.3	0.6
Q4...	0.4	0.2	0.2	0.1	0.1	1.5	0.7	0.8	0.2	0.6
1996 Q1...	0.5	0.2	0.2	0.1	0.1	2.1	1.0	1.0	0.4	0.6
Q2...	0.4	0.2	0.3	0.1	0.1	1.7	0.7	1.0	0.4	0.6
Q3...	0.4	0.1	0.2	0.1	0.1	1.5	0.5	1.0	0.4	0.6

All commercial banks began to report these data in 1991.

TABLE II.E

NET CHARGE-OFFS OF REAL ESTATE FARM LOANS
INSURED COMMERCIAL BANKS*

	ESTIMATED AMOUNT MILLIONS OF DOLLARS					CHARGE-OFFS AS A PERCENTAGE OF SUCH LOANS OUTSTANDING				
	ANNUAL TOTAL	Q1	Q2	Q3	Q4	ANNUAL TOTAL	Q1	Q2	Q3	Q4
1991.....	16	1	5	4	6	0.09	0.004	0.027	0.022	0.034
1992.....	20	4	7	4	6	0.11	0.019	0.033	0.022	0.029
1993.....	6	0	1	2	3	0.03	0.002	0.003	0.008	0.015
1994.....	-1	-1	-1	0	1	-0.00	-0.004	-0.004	0.002	0.003
1995.....	3	-0	-0	2	2	0.01	-0.001	-0.001	0.006	0.007
1996.....	**	-1	-1	1	**	**	-0.004	-0.003	0.003	**

* All commercial banks began to report these data in 1991.

NONPERFORMING LOANS AS A PERCENTAGE OF TOTAL LOANS							
TOTAL	UNDER 2.0	2.0 TO 4.9	5.0 TO 9.9	10.0 TO 14.9	15.0 TO 19.9	20.0 AND OVER	
-----Percentage distribution, December 31 of year indicated-----							
1987.....	100.0	50.3	30.6	14.4	3.3	0.9	0.3
1988.....	100.0	59.0	28.9	9.7	1.9	0.4	0.2
1989.....	100.0	65.8	25.1	7.6	1.2	0.2	0.1
1990.....	100.0	69.6	22.7	6.4	1.0	0.2	0.0
1991.....	100.0	70.8	22.3	5.8	0.7	0.3	0.1
1992.....	100.0	76.2	18.9	3.9	0.8	0.1	0.0
1993.....	100.0	80.6	15.9	2.8	0.6	0.1	0.0
1994.....	100.0	85.5	12.3	1.9	0.2	0.1	0.0
1995.....	100.0	83.7	13.8	2.1	0.3	0.1	0.1
-----Percentage distribution, end of quarter-----							
1994 Q1...	100.0	79.2	16.8	3.3	0.5	0.1	0.0
Q2...	100.0	81.1	16.0	2.4	0.4	0.1	0.0
Q3...	100.0	83.6	13.6	2.4	0.3	0.0	0.0
Q4...	100.0	85.5	12.3	1.9	0.2	0.1	0.0
1995 Q1...	100.0	81.7	15.3	2.7	0.2	0.1	0.1
Q2...	100.0	82.1	15.0	2.5	0.2	0.1	0.1
Q3...	100.0	83.0	14.3	2.3	0.3	0.0	0.1
Q4...	100.0	83.7	13.8	2.1	0.3	0.1	0.1
1996 Q1...	100.0	78.4	17.2	3.5	0.5	0.1	0.1
Q2...	100.0	78.5	16.9	3.9	0.6	0.1	0.1
Q3...	100.0	79.3	17.0	3.1	0.5	0.1	0.1

* Nonperforming loans are loans in nonaccrual status or past due 90 days or more. Renegotiated or restructured loans in compliance with the modified terms are not included. Agricultural banks are defined in the introduction to section II.

TABLE II.G

SELECTED MEASURES OF FINANCIAL PERFORMANCE OF AGRICULTURAL AND OTHER BANKS*

	NET INCOME AS A PERCENTAGE OF AVERAGE EQUITY AT AGRICULTURAL BANKS								AVERAGE RATE OF RETURN TO EQUITY		RATE OF RETURN TO ASSETS		NET CHARGE-OFFS AS PERCENTAGE OF TOTAL LOANS		AVERAGE CAPITAL RATIO (PERCENT)	
	ALL BANKS	NEGATIVE	0	5	10	15	20	25	AGRI- CULTURAL BANKS	OTHER SMALL BANKS	AGRI- CULTURAL BANKS	OTHER SMALL BANKS	AGRI- CULTURAL BANKS	OTHER SMALL BANKS	AGRI- CULTURAL BANKS	OTHER SMALL BANKS
			TO	TO	TO	TO	TO	AND								
-----percentage distribution-----																
1984.....	100.0	13.0	9.0	23.0	36.0	15.0	3.0	1.0	8.0	12.0	0.7	0.8	1.2	0.6	9.5	8.5
1985.....	100.0	18.0	11.0	22.0	33.0	13.0	3.0	1.0	6.0	11.0	0.5	0.8	2.1	0.8	9.6	8.5
1986.....	100.0	19.0	14.0	27.0	28.0	9.0	2.0	1.0	5.0	8.0	0.4	0.6	2.3	1.1	9.5	8.4
1987.....	100.0	13.0	13.0	31.0	31.0	9.0	2.0	1.0	8.0	8.0	0.7	0.6	1.3	0.9	9.8	8.8
1988.....	100.0	9.0	9.0	30.0	36.0	12.0	3.0	2.0	10.0	9.0	0.9	0.7	0.7	0.7	9.9	8.8
1989.....	100.0	5.0	7.0	29.0	38.0	14.0	4.0	3.0	11.0	10.0	1.0	0.8	0.6	0.7	10.1	9.0
1990.....	100.0	4.9	7.5	33.4	37.6	12.9	2.6	1.1	10.8	8.5	1.0	0.7	0.4	0.7	9.9	9.0
1991.....	100.0	4.1	7.7	32.2	39.2	13.4	2.5	0.9	10.9	8.9	1.0	0.7	0.4	0.8	10.1	9.2
1992.....	100.0	1.9	5.0	25.5	41.1	19.8	5.1	1.7	12.6	11.5	1.2	1.0	0.4	0.7	10.4	9.5
1993.....	100.0	1.5	5.7	27.8	40.6	18.5	4.6	1.3	12.4	12.4	1.2	1.1	0.2	0.4	10.8	10.0
1994.....	100.0	1.5	5.7	31.3	40.2	17.1	3.3	0.9	11.9	12.4	1.2	1.1	0.2	0.3	10.7	9.9
1995.....	100.0	1.4	5.6	36.8	39.9	13.3	2.4	0.6	11.3	11.6	1.2	1.1	0.2	0.3	11.1	10.5

QUARTERLY																
-----YEAR TO DATE-----																
1994 Q3...	100.0	**	**	**	**	**	**	**	9.2	9.4	0.9	0.9	0.1	0.2	11.1	10.1
Q4...	100.0	**	**	**	**	**	**	**	11.9	12.4	1.2	1.1	0.2	0.3	10.7	9.9
1995 Q1...	100.0	**	**	**	**	**	**	**	3.0	3.1	0.3	0.3	0.0	0.1	11.1	10.3
Q2...	100.0	**	**	**	**	**	**	**	5.8	6.1	0.6	0.6	0.1	0.1	11.3	10.4
Q3...	100.0	**	**	**	**	**	**	**	8.9	9.3	0.9	0.9	0.1	0.2	11.3	10.5
Q4...	100.0	**	**	**	**	**	**	**	11.3	11.6	1.2	1.1	0.2	0.3	11.1	10.5
1996 Q1...	100.0	**	**	**	**	**	**	**	3.1	3.1	0.3	0.3	0.0	0.1	11.0	10.6
Q2...	100.0	**	**	**	**	**	**	**	6.2	6.1	0.6	0.6	0.1	0.1	11.0	10.5
Q3...	100.0	**	**	**	**	**	**	**	9.2	9.0	0.9	0.9	0.2	0.2	11.0	10.5

* Agricultural and other banks are defined in the introduction to section II; small banks have less than 500 million dollars in assets. Total primary and secondary capital (items that are available at the end of the period specified) are measured as a percentage of total assets. Quarterly data in the lower panel are cumulative through the end of the quarter indicated and, for periods of less than a year, are not comparable to the annual data in the upper panel.

TABLE II.H

AVERAGE LOAN-DEPOSIT RATIOS AT AGRICULTURAL BANKS IN SELECTED FEDERAL RESERVE DISTRICTS*

DECEMBER 31																			
U.S.		CLEVELAND		ATLANTA		CHICAGO		ST. LOUIS		MINNE- APOLIS		KANSAS CITY		DALLAS		SAN FRANCISCO		MINIMUM FARM LOAN RATIO	
NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS	NUMBER OF BANKS	LOANS TO DEPOSITS		
1991.....	3955	0.551	71	0.642	133	0.609	969	0.572	470	0.567	725	0.569	1135	0.522	378	0.438	60	0.711	16.56
1992.....	3854	0.555	75	0.643	131	0.607	948	0.574	456	0.563	694	0.579	1092	0.533	384	0.422	61	0.708	16.72
1993.....	3723	0.582	67	0.660	130	0.618	912	0.600	432	0.590	669	0.615	1063	0.566	378	0.442	58	0.733	17.04
1994.....	3550	0.625	56	0.707	125	0.646	860	0.643	402	0.629	658	0.674	1014	0.618	366	0.474	53	0.747	16.99
1995.....	3482	0.641	60	0.717	135	0.647	841	0.658	393	0.654	637	0.681	981	0.634	359	0.499	55	0.741	15.79
1994 Q3...	3640	0.643	61	0.701	131	0.669	889	0.658	432	0.657	664	0.702	1023	0.618	367	0.503	56	0.768	17.55
Q4...	3550	0.625	56	0.707	125	0.646	860	0.643	402	0.629	658	0.674	1014	0.618	366	0.474	53	0.747	16.99
1995 Q1...	3484	0.634	56	0.718	129	0.653	847	0.650	389	0.634	638	0.684	993	0.622	364	0.491	50	0.768	16.75
Q2...	3488	0.655	55	0.730	136	0.668	844	0.664	397	0.665	639	0.714	984	0.637	361	0.518	52	0.791	17.12
Q3...	3617	0.668	64	0.736	150	0.680	868	0.685	432	0.692	652	0.717	1007	0.647	368	0.525	56	0.763	17.27
Q4...	3482	0.641	60	0.717	135	0.647	841	0.658	393	0.654	637	0.681	981	0.634	359	0.499	55	0.741	15.79
1996 Q1...	3471	0.639	58	0.721	143	0.664	828	0.657	394	0.650	632	0.682	978	0.629	357	0.489	57	0.737	15.46
Q2...	3461	0.665	57	0.743	151	0.690	829	0.671	402	0.692	630	0.712	964	0.651	349	0.515	54	0.778	15.94
Q3...	3400	0.674	58	0.780	140	0.708	814	0.690	406	0.699	623	0.716	952	0.662	331	0.510	54	0.757	15.84

* The loan-deposit ratio is defined as total loans divided by total deposits. Agricultural banks are defined as banks with a farm loan ratio at least as great as that shown in the last column, as described in the introduction to section II.

TABLE II.I

FAILURES OF AGRICULTURAL BANKS*

	NUMBER OF FAILURES				ANNUAL TOTAL
	Q1	Q2	Q3	Q4	
1985.....	12	21	17	18	68
1986.....	14	14	21	16	65
1987.....	22	19	12	16	69
1988.....	11	6	12	7	36
1989.....	5	7	5	5	22
1990.....	3	5	6	3	17
1991.....	2	2	3	1	8
1992.....	1	1	1	4	7
1993.....	1	2	2	0	5
1994.....	0	0	0	0	0
1995.....	0	0	0	0	0
1996.....	0	2	0	0	2

* Data exclude banks assisted to prevent failure. Industrial banks and mutual savings banks also are excluded. Agricultural banks are defined in the introduction to section II.

SECTION III: FEDERAL RESERVE BANK QUARTERLY SURVEYS OF FARM CREDIT CONDITIONS AND FARM LAND VALUES

TABLES:

	<u>Page</u>
III.A Nonreal estate lending experience.....	30
III.B Expected change in non-real-estate loan volume and repayment conditions.....	32
III.C Average loan/deposit ratio, and other indicators of relative credit availability.....	34
III.D Interest rates.....	36
III.E Trends in real estate values and loan volume.....	38

SOURCES OF DATA:

Data are from quarterly surveys of agricultural credit conditions at commercial banks. These surveys are conducted at the end of each quarter by five Federal Reserve Banks. The size of the surveys differs considerably, as is noted in the information below. In addition, the five surveys differ in subject matter covered (as is evident in the tables), wording of basically similar questions, and type of banks covered. Most of the differences in wording are reflected in the use of different column headings on the two pages of each table. The states included in each district are indicated in the table headings; states that fall only partly within a given district are marked with asterisks.

Beginning in 1994, the Minneapolis Federal Reserve Bank revised its survey considerably. Many questions were changed and it was not always possible to match the data to the categories that we have shown in previous editions of the Databook. Whenever possible, we have tried to fit the data from the revised survey into the older format. Series that were discontinued show no data for the first quarter, while those that were added suddenly appear. When a significant break in the data occurred, we included the new data and added a footnote to highlight the changes.

Research departments at each of the five Reserve Banks issue more detailed quarterly reports on their survey results; these reports are available at the addresses given below.

Federal Reserve Bank of Chicago, Box 834, Chicago, Illinois, 60690

The sample includes member banks at which farm loans represented 25 percent or more of total loans as of June 1972 (a 10 percent standard is used for banks in the state of Michigan). The sample has undergone periodic review. The latest survey results were based on the responses of about 450 banks.

Federal Reserve Bank of Kansas City, Federal Reserve P.O. Station, Kansas City Missouri 64198

The sample chosen originally in 1976 consisted of 181 banks selected from banks at which farm loans constituted 50 percent or more of total loans, with appropriate representation of all farm areas. The sample was redrawn and significantly expanded in 1987; roughly 300 banks responded to the latest survey.

Federal Reserve Bank of Minneapolis, Minneapolis, Minnesota 55480

Before 1987, the sample provided a cross-section of banks of all sizes that were engaged in farm lending. Members of the Upper Midwest Agricultural Credit Council formed the core of the survey panel. Beginning in 1987, the sample was redrawn to include only banks at which farm loans represented 25 percent or more of total loans. As outlined above, the Minneapolis survey was changed considerably beginning in the first quarter of 1994. In recent surveys, about 130 banks responded.

Section III: (continued)

Federal Reserve Bank of Dallas, P.O. Box 655906, Dallas, Texas 75265-5906

The sample is stratified regionally and includes banks at which farm loans are relatively important or which hold a major portion of bank loans in their region. The sample was enlarged in the first quarter of 1985 and was redrawn in the second quarter of 1989. The results for the most recent quarter were based on the responses from about 200 respondents.

Federal Reserve Bank of Richmond, Richmond, Virginia 23261

The number of agricultural banks in this district is much smaller than those of the other districts. When the survey was initiated in 1975, the sample consisted of 43 banks of all sizes; banks with larger amounts of farm loans were sampled more heavily. More recently, the sample has consisted of about 30 banks, roughly three-fourths of which typically respond to the quarterly surveys.

RECENT DEVELOPMENTS:

Bankers responding to the surveys indicated that the demand for farm loans was fairly steady to slightly weaker in the third quarter of 1996. The weakest reported demand for loans came from the survey in the Dallas district. In addition, banks in the Dallas district, where drought and low prices for cattle reduced farm returns, reported continued problems with loan repayments. Banks in the Kansas City district previously had reported the same sort of problem, but conditions apparently improved somewhat in that region. Indeed, bankers in the Dallas district noted a further deterioration in the rate of loan repayments relative to one year earlier, while repayment rates seemed to have improved in the Kansas City district.

Bankers in the Chicago, Dallas, and Richmond districts seemed to anticipate higher loan volumes for feeder livestock than they had for the past few quarters. In contrast, bankers responding to the Minneapolis survey continued to anticipate weak growth of loans for feeder livestock. Bankers in all districts that report anticipate higher growth of loans for operating expenses and machinery purchases.

The ratio of loans to deposits was about even with year-earlier levels at banks in all the districts that report. Despite the high level of this measure of liquidity, most bankers characterized their loan-deposit ratio as "lower than desired". Bankers in the Dallas district report more frequent referrals of loans to nonbank agencies than in past quarters.

Reported rates of interest on farm loans were little changed in all districts in the third quarter of 1996.

Relative to one year earlier, prices for agricultural land seem to be up substantially in the Chicago and Richmond districts and up somewhat less in the Minneapolis district. In contrast, prices for farmland edged up slightly in the Kansas City district, and prices dropped a bit in the Dallas district.

FEDERAL RESERVE BANK QUARTERLY SURVEYS OF AGRICULTURAL CREDIT CONDITIONS AT COMMERCIAL BANKS
TABLE III.A

FARM NONREAL ESTATE LENDING EXPERIENCE COMPARED WITH A YEAR EARLIER
(PERCENTAGE OF BANKS REPORTING)

	DEMAND FOR LOANS			FUND AVAILABILITY			LOAN REPAYMENT RATE			RENEWALS OR EXTENSIONS			COLLATERAL REQUIRED		
	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER
III.A1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT (IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS															
1994 Q3...	13	42	45	22	60	18	20	66	14	13	68	19	1	88	11
Q4...	21	46	33	18	63	19	18	53	29	24	60	17	1	90	9
1995 Q1...	15	49	37	20	64	16	19	64	17	17	63	20	1	87	12
Q2...	13	50	37	14	67	18	16	76	9	13	71	16	0	89	10
Q3...	13	52	36	16	65	19	13	76	11	13	72	16	1	90	9
Q4...	20	48	32	6	65	29	15	53	32	29	57	14	1	90	9
1996 Q1...	15	44	41	6	62	31	13	57	30	29	56	15	0	91	9
Q2...	17	49	34	11	65	24	13	66	21	23	62	16	1	89	10
Q3...	17	45	38	11	65	24	7	74	19	23	69	8	1	92	7
III.A2 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT (CO, KS, MO*, NE, NM*, OK, WY) AGRICULTURAL BANKS															
1994 Q3...	10	49	41	28	62	9	18	74	8	8	77	15	0	90	9
Q4...	9	56	35	26	65	9	25	65	10	10	69	21	0	89	11
1995 Q1...	10	51	39	21	69	10	28	67	5	6	69	25	0	87	13
Q2...	11	58	32	18	69	14	32	67	1	2	70	27	0	88	12
Q3...	16	53	32	20	67	14	32	63	5	5	67	28	0	86	13
Q4...	16	56	28	14	66	20	43	53	4	5	55	41	1	84	15
1996 Q1...	18	56	26	10	69	21	51	46	4	5	49	45	1	79	20
Q2...	15	54	30	16	66	19	38	58	4	6	57	37	1	78	22
Q3...	14	60	26	16	67	16	22	65	13	11	67	23	0	84	16
III.A3 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)															
1994 Q3...	16	49	35	10	72	18	13	76	12	10	75	16	2	88	10
Q4...	13	54	33	7	71	22	16	72	12	13	68	20	0	88	11
1995 Q1...	13	53	34	8	78	14	20	72	7	11	67	22	1	83	16
Q2...	12	50	38	8	79	14	21	74	5	9	70	21	0	81	19
Q3...	17	50	33	10	76	14	28	63	9	12	64	24	2	78	20
Q4...	20	44	35	9	78	14	40	53	7	8	54	39	1	75	24
1996 Q1...	18	51	31	5	73	22	49	45	6	7	41	52	0	66	34
Q2...	26	42	32	7	77	16	59	39	2	2	38	60	0	61	39
Q3...	24	44	32	9	75	17	44	46	10	8	48	44	1	63	36

FEDERAL RESERVE BANK QUARTERLY SURVEYS OF AGRICULTURAL CREDIT CONDITIONS AT COMMERCIAL BANKS
TABLE III.A (CONTINUED)

FARM NONREAL ESTATE LENDING EXPERIENCE COMPARED WITH NORMAL CONDITIONS
(PERCENTAGE OF BANKS REPORTING)

	DEMAND FOR LOANS			FUND AVAILABILITY			LOAN REPAYMENT RATE			RENEWALS OR EXTENSIONS			COLLATERAL REQUIRED		
	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER
III.A4 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT (MI*, MN, MT, ND, SD, WI*)															
1994 Q3...	***	***	***	29	54	17	28	62	9	10	74	16	0	93	7
Q4...	***	***	***	17	66	17	36	47	17	11	64	25	0	86	14
1995 Q1...	***	***	***	21	66	13	43	51	6	10	55	35	0	81	19
Q2...	***	***	***	20	62	18	45	53	2	7	63	30	1	74	25
Q3...	***	***	***	21	60	20	35	59	6	9	66	25	1	84	15
Q4...	***	***	***	11	62	27	36	49	15	4	60	26	0	84	16
1996 Q1...	***	***	***	11	57	32	46	37	17	15	49	36	4	76	20
Q2...	***	***	***	12	65	23	37	48	14	15	54	31	1	75	24
Q3...	***	***	***	18	61	21	19	69	12	15	68	17	1	81	18
III.A5 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)															
1994 Q3...	13	79	8	0	75	25	4	88	8	17	79	4	0	83	17
Q4...	19	71	10	0	76	24	10	81	10	14	76	10	0	76	24
1995 Q1...	20	68	12	16	72	12	12	84	4	12	84	4	4	80	16
Q2...	20	76	4	12	72	16	12	88	0	4	88	8	4	84	12
Q3...	32	64	5	9	64	27	9	82	9	14	68	18	0	91	9
Q4...	24	62	14	0	76	24	29	67	5	5	67	29	0	90	10
1996 Q1...	14	71	14	0	81	19	14	81	5	5	75	20	0	90	10
Q2...	12	71	17	3	71	26	17	78	5	3	76	21	0	83	17
Q3...	12	77	12	12	67	22	17	72	12	13	68	18	0	85	15

FEDERAL RESERVE BANK QUARTERLY SURVEYS OF AGRICULTURAL CREDIT CONDITIONS AT COMMERCIAL BANKS

TABLE III.B

FARM NONREAL ESTATE LOAN VOLUME EXPECTED DURING THE NEXT QUARTER, COMPARED WITH VOLUME OF LOANS MADE A YEAR EARLIER
(PERCENTAGE OF BANKS REPORTING)

	TOTAL			FEEDER CATTLE			DAIRY			CROP STORAGE			OPERATING			FARM MACHINERY		
	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER
III.B1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT (IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS																		
1994 Q3...	23	48	29	44	50	5	20	74	6	12	45	43	21	49	29	17	50	34
Q4...	18	52	30	31	62	7	21	74	5	19	58	23	12	46	42	16	54	30
1995 Q1...	14	53	33	32	62	6	19	71	10	19	68	13	13	42	46	15	53	33
Q2...	14	60	26	38	58	3	21	74	5	26	65	9	11	53	36	22	61	17
Q3...	15	59	26	40	54	6	21	75	5	23	58	19	13	60	27	16	55	29
Q4...	17	50	32	47	48	5	21	71	8	37	52	11	13	46	41	8	46	45
1996 Q1...	17	44	39	59	38	4	23	68	9	36	56	8	14	37	50	10	37	53
Q2...	17	54	29	62	36	2	25	67	8	33	57	10	12	47	41	14	48	38
Q3...	17	55	28	38	52	10	18	72	10	16	50	34	21	50	29	10	39	51
III.B2 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)																		
1994 Q3...	10	62	28	28	55	17	9	88	3	8	74	17	10	63	28	15	66	19
Q4...	6	63	31	18	68	13	13	81	6	11	84	6	5	60	36	12	69	19
1995 Q1...	15	65	21	22	63	15	13	83	3	12	86	3	12	55	34	12	67	21
Q2...	16	54	30	33	55	12	20	78	3	11	79	10	8	58	33	15	69	16
Q3...	15	59	25	31	50	20	25	71	4	16	75	9	13	54	33	23	64	14
Q4...	16	57	27	41	49	10	20	77	3	18	71	11	15	49	36	26	54	20
1996 Q1...	30	52	18	49	45	6	29	71	1	29	65	6	19	47	34	33	56	11
Q2...	40	44	17	57	36	7	31	67	2	30	56	14	22	42	36	42	50	8
Q3...	17	57	25	31	52	17	20	75	5	25	61	14	18	48	34	25	54	21
III.B3 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)																		
1994 Q3...	18	68	14	15	70	15	11	84	5	9	77	14	17	71	13	13	67	21
Q4...	11	72	17	13	81	6	7	87	7	5	95	0	5	71	24	0	81	19
1995 Q1...	17	67	17	25	70	5	14	76	10	14	77	9	12	72	16	8	71	21
Q2...	8	79	13	20	80	0	21	79	0	14	86	0	4	88	8	4	84	12
Q3...	16	74	11	18	82	0	27	73	0	25	60	15	15	80	5	19	67	14
Q4...	20	65	15	35	65	0	25	75	0	20	65	15	19	62	19	19	67	14
1996 Q1...	20	70	10	31	69	0	20	80	0	11	83	6	14	57	29	10	81	10
Q2...	11	73	16	35	63	3	24	71	6	18	68	14	7	58	35	17	60	22
Q3...	11	71	18	29	62	10	21	71	8	13	72	15	10	66	24	14	66	20

FEDERAL RESERVE BANK QUARTERLY SURVEYS OF AGRICULTURAL CREDIT CONDITIONS AT COMMERCIAL BANKS
TABLE III.B (CONTINUED)

EXPECTED DEMAND FOR FARM LOANS DURING NEXT QUARTER,
COMPARED WITH NORMAL DEMAND
(PERCENTAGE OF BANKS REPORTING)

	SHORT-TERM NONREAL ESTATE LOANS			INTERMEDIATE-TERM NONREAL ESTATE LOANS			DEBT EXTENSION OR REFINANCING								
	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER						
	III.B4 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT (MI*, MN, MT, ND, SD, WI*)														
1990 Q4...	8	69	23	9	81	10	11	68	20						
1991 Q1...	5	72	23	12	82	6	6	83	12						
Q2...	4	75	21	14	84	2	5	78	16						
Q3...	3	78	18	12	81	7	5	66	29						
Q4...	8	75	18	11	82	7	4	69	27						
1992 Q1...	2	86	11	3	90	7	2	79	18						
Q2...	8	78	14	11	86	3	2	86	11						
Q3...	10	80	10	13	82	5	8	78	14						
Q4...	5	86	9	14	80	6	7	68	25						
1993 Q1...	5	84	11	8	85	7	3	84	13						
Q2...	3	81	16	13	82	6	6	78	17						
Q3...	7	62	32	15	71	14	6	55	39						
Q4...	3	69	28	7	75	18	6	56	38						
	FEEDER LIVESTOCK			OTHER INTERMEDIATE			FARM REAL ESTATE			OTHER OPERATING			FARM MACHINERY		
	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER
1995 Q2...	47	49	4	27	58	16	44	48	8	5	59	36	45	49	7
Q3...	43	50	7	25	64	11	38	52	10	16	64	20	36	55	9
Q4...	53	36	11	26	59	15	31	53	16	9	62	29	32	55	12
1996 Q1...	52	44	4	24	62	14	31	50	19	5	64	31	30	54	15
Q2...	60	35	6	16	68	17	28	56	16	9	56	35	24	58	18
Q3...	51	41	8	17	73	10	30	56	14	16	65	19	24	54	22

AVERAGE LOAN-TO-DEPOSIT RATIO AND OTHER INDICATORS OF RELATIVE CREDIT AVAILABILITY (PERCENTAGE OF BANKS REPORTING)

	AVERAGE LOAN-TO- DEPOSIT RATIO, END OF QUARTER PERCENT	LOAN/DEPOSIT RATIO IS			REFUSED OR REDUCED A FARM LOAN BECAUSE OF A SHORTAGE OF LOANABLE FUNDS	ACTIVELY SEEKING NEW FARM LOAN ACCOUNTS	NUMBER OF FARM LOAN REFERRALS TO								
		LOWER THAN DESIRED	AT DESIRED LEVEL	HIGHER THAN DESIRED			CORRESPONDENT BANKS				NONBANK AGENCIES				
							NONE	LOWER	SAME	HIGHER	NONE	LOWER	SAME	HIGHER	
III.C1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT (IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS															
1995 Q1...	65	49	34	17	***	***	***	***	***	***	***	***	***	***	***
Q2...	66	48	35	17	***	***	***	***	***	***	***	***	***	***	***
Q3...	67	51	32	17	***	***	***	***	***	***	***	***	***	***	***
Q4...	65	53	36	11	***	***	***	***	***	***	***	***	***	***	***
1996 Q1...	65	56	30	14	***	***	***	***	***	***	***	***	***	***	***
Q2...	66	54	32	14	***	***	***	***	***	***	***	***	***	***	***
Q3...	68	50	33	17	***	***	***	***	***	***	***	***	***	***	***
III.C2 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT (CO, KS, MO*, NE, NM*, OK, WY) AGRICULTURAL BANKS															
1995 Q1...	61	61	7	29	5	70	76	9	85	6	68	8	79	13	
Q2...	62	61	7	26	5	66	78	11	84	5	70	9	81	10	
Q3...	63	58	7	25	4	64	80	11	83	6	74	11	78	11	
Q4...	61	59	7	24	3	66	78	8	86	6	68	9	77	14	
1996 Q1...	60	77	10	24	3	79	80	8	88	4	65	6	77	17	
Q2...	62	77	9	26	4	80	79	9	86	5	65	8	78	14	
Q3...	64	71	9	32	3	82	83	12	83	5	70	12	78	10	
III.C3 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)															
1995 Q1...	45	***	***	***	1	***	***	9	85	5	***	11	84	5	
Q2...	47	***	***	***	1	***	***	14	80	6	***	18	76	6	
Q3...	51	***	***	***	1	***	***	9	83	8	***	10	84	6	
Q4...	49	***	***	***	1	***	***	10	81	9	***	8	81	11	
1996 Q1...	46	***	***	***	1	***	***	15	80	5	***	11	70	20	
Q2...	51	***	***	***	1	***	***	11	78	12	***	7	73	19	
Q3...	51	***	***	***	2	***	***	9	82	9	***	10	74	16	

FEDERAL RESERVE BANK QUARTERLY SURVEYS OF AGRICULTURAL CREDIT CONDITIONS AT COMMERCIAL BANKS
TABLE III.C (CONTINUED)

AVERAGE LOAN-TO-DEPOSIT RATIO AND OTHER INDICATORS OF RELATIVE CREDIT AVAILABILITY (PERCENTAGE OF BANKS REPORTING)

	AVERAGE LOAN-TO- DEPOSIT RATIO, END OF QUARTER PERCENT	LOAN/DEPOSIT RATIO IS			REFUSED OR REDUCED A FARM LOAN BECAUSE OF A SHORTAGE OF LOANABLE FUNDS	ACTIVELY SEEKING NEW FARM LOAN ACCOUNTS	NUMBER OF FARM LOAN REFERRALS TO							
		LOWER THAN DESIRED LEVEL	AT DESIRED LEVEL	HIGHER THAN DESIRED			CORRESPONDENT BANKS				NONBANK AGENCIES			
							COMPARED WITH NORMAL NUMBER				COMPARED WITH NORMAL NUMBER			
		NONE	LOWER	SAME	HIGHER	NONE	LOWER	SAME	HIGHER	NONE	LOWER	SAME	HIGHER	
III.C4 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT (MI*, MN, MT, ND, SD, WI*)														
1995 Q1...	66	***	***	***	10	***	36*	58	6		31*	57	12	
Q2...	69	***	***	***	9	***	36	55	9		32	57	11	
Q3...	68	***	***	***	7	***	44	53	3		42	50	8	
Q4...	71	***	***	***	4	***	43	57	0		39	58	3	
1996 Q1...	72	***	***	***	6	***	46	51	3		40	47	13	
Q2...	71	***	***	***	7	***	35	57	8		33	51	16	
Q3...	73	***	***	***	7	***	33	64	3		32	59	9	
III.C5 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)														
1995 Q1...	75	42	46	13	0	76	83	4	13	0	70	9	22	0
Q2...	76	36	41	23	0	83	86	0	14	0	77	0	23	0
Q3...	75	45	50	5	0	68	81	0	19	0	89	0	11	0
Q4...	71	52	43	5	0	86	95	0	5	0	90	0	10	0
1996 Q1...	72	53	42	5	0	90	89	0	11	0	84	0	16	0
Q2...	73	45	40	15	0	71	89	2	9	0	80	4	13	4
Q3...	73	31	56	13	0	75	88	2	11	0	80	4	14	2

*Beginning in 1994, Minneapolis omitted the response "none" for the number of referrals to either correspondent banks or nonbank agencies. The column that has been added combines responses that formerly would have been reported as either "none" or "low".

INTEREST RATES ON FARM LOANS

	MOST COMMON INTEREST RATE ON FARM LOANS (AVERAGE, PERCENT)					AVERAGE INTEREST RATE EXPECTED DURING THE NEXT QUARTER COMPARED WITH AVERAGE RATES IN THE CURRENT QUARTER (PERCENTAGE OF BANKS REPORTING)								
	FEEDER CATTLE LOANS	OTHER OPERATING LOANS	SHORT- TERM	INTER- MEDIATE	LONG-TERM REAL ESTATE LOANS	SHORT-TERM NONREAL ESTATE LOANS			INTERMEDIATE-TERM NONREAL ESTATE LOANS			LONG-TERM REAL ESTATE LOANS		
			NONREAL ESTATE	NONREAL ESTATE	ESTATE	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER
III.D1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT (IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS														
1995 Q1...	10.3	10.3	***	***	9.7	***	***	***	***	***	***	***	***	***
Q2...	10.2	10.2	***	***	9.6	***	***	***	***	***	***	***	***	***
Q3...	10.1	10.2	***	***	9.3	***	***	***	***	***	***	***	***	***
Q4...	9.9	9.9	***	***	8.9	***	***	***	***	***	***	***	***	***
1996 Q1...	9.6	9.6	***	***	8.7	***	***	***	***	***	***	***	***	***
Q2...	9.7	9.7	***	***	8.8	***	***	***	***	***	***	***	***	***
Q3...	9.7	9.7	***	***	8.8	***	***	***	***	***	***	***	***	***
III.D2 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT (CO, KS, MO*, NE, NM*, OK) AGRICULTURAL BANKS														
1995 Q1...	10.4	10.5	***	10.5	10.1	***	***	***	***	***	***	***	***	***
Q2...	10.3	10.5	***	10.4	9.9	***	***	***	***	***	***	***	***	***
Q3...	10.2	10.4	***	10.3	9.8	***	***	***	***	***	***	***	***	***
Q4...	10.1	10.2	***	10.1	9.6	***	***	***	***	***	***	***	***	***
1996 Q1...	9.9	10.0	***	9.9	9.3	***	***	***	***	***	***	***	***	***
Q2...	9.9	10.0	***	9.9	9.4	***	***	***	***	***	***	***	***	***
Q3...	9.9	10.0	***	9.9	9.4	***	***	***	***	***	***	***	***	***

FEDERAL RESERVE BANK QUARTERLY SURVEYS OF AGRICULTURAL CREDIT CONDITIONS AT COMMERCIAL BANKS
TABLE III.D (CONTINUED)

INTEREST RATES ON FARM LOANS

	MOST COMMON INTEREST RATE ON FARM LOANS (AVERAGE, PERCENT)					AVERAGE INTEREST RATE EXPECTED DURING THE NEXT QUARTER COMPARED WITH AVERAGE RATES IN THE CURRENT QUARTER (PERCENTAGE OF BANKS REPORTING)								
	FEEDER CATTLE LOANS	OTHER OPERATING LOANS	SHORT- TERM	INTER- MEDIATE	LONG-TERM	SHORT-TERM NONREAL ESTATE LOANS			INTERMEDIATE-TERM NONREAL ESTATE LOANS			LONG-TERM REAL ESTATE LOANS		
			NONREAL ESTATE	NONREAL ESTATE	REAL ESTATE LOANS	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER	LOWER	SAME	HIGHER
III.D3 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT (MI*, MN, MT, ND, SD, WI*)														
1995 Q1...	***	10.6	***	10.6	10.1	***	***	***	***	***	***	***	***	***
Q2...	***	10.8	***	10.8	10.2	***	***	***	***	***	***	***	***	***
Q3...	***	10.3	***	10.3	9.9	***	***	***	***	***	***	***	***	***
Q4...	***	10.0	***	10.4	9.7	***	***	***	***	***	***	***	***	***
1996 Q1...	***	9.9	***	9.9	9.2	***	***	***	***	***	***	***	***	***
Q2...	***	10.0	***	10.0	9.3	***	***	***	***	***	***	***	***	***
Q3...	***	10.0	***	10.0	9.4	***	***	***	***	***	***	***	***	***
III.D4 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)														
1995 Q1...	11.0	11.1	***	11.2	11.0	***	***	***	***	***	***	***	***	***
Q2...	11.0	11.0	***	11.1	10.7	***	***	***	***	***	***	***	***	***
Q3...	10.8	10.9	***	10.7	10.5	***	***	***	***	***	***	***	***	***
Q4...	10.7	10.8	***	10.8	10.6	***	***	***	***	***	***	***	***	***
1996 Q1...	10.4	10.6	***	10.4	10.0	***	***	***	***	***	***	***	***	***
Q2...	10.5	10.6	***	10.4	10.1	***	***	***	***	***	***	***	***	***
Q3...	10.4	10.5	***	10.5	10.0	***	***	***	***	***	***	***	***	***
III.D5 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)														
1995 Q1...	10.7	10.5	***	10.5	10.2	***	***	***	***	***	***	***	***	***
Q2...	10.4	10.4	***	10.4	10.0	***	***	***	***	***	***	***	***	***
Q3...	10.4	10.2	***	10.2	10.0	***	***	***	***	***	***	***	***	***
Q4...	10.1	10.1	***	10.1	9.5	***	***	***	***	***	***	***	***	***
1996 Q1...	9.8	9.8	***	9.9	9.5	***	***	***	***	***	***	***	***	***
Q2...	9.9	9.8	***	9.7	9.5	***	***	***	***	***	***	***	***	***
Q3...	9.8	9.8	***	9.7	9.4	***	***	***	***	***	***	***	***	***

TRENDS IN FARM REAL ESTATE VALUES AND LOAN VOLUME

	MARKET VALUE OF GOOD FARMLAND									TREND EXPECTED DURING THE NEXT QUARTER (PERCENTAGE OF BANKS)			EXPECTED TREND IN FARM REAL ESTATE LOAN VOLUME, COMPARED TO YEAR EARLIER (PERCENTAGE OF BANKS)		
	PERCENTAGE CHANGE DURING QUARTER			PERCENTAGE CHANGE FROM A YEAR EARLIER			DOWN	STABLE	UP	LOWER	SAME	HIGHER			
	DRY- ALL LAND	IRRI- GATED	RANCH- LAND	DRY- ALL LAND	IRRI- GATED	RANCH- LAND									
III.E1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT (IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS															
1995 Q1...	1	***	***	***	5	***	***	***	2	67	31	18	60	22	
Q2...	0	***	***	***	5	***	***	***	3	73	23	18	69	13	
Q3...	1	***	***	***	4	***	***	***	3	65	31	16	63	21	
Q4...	2	***	***	***	5	***	***	***	1	41	58	11	60	29	
1996 Q1...	4	***	***	***	9	***	***	***	0	30	69	12	52	36	
Q2...	1	***	***	***	11	***	***	***	1	42	57	11	63	26	
Q3...	3	***	***	***	12	***	***	***	1	35	64	9	58	33	
III.E2 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)															
1995 Q1...	18	***	***	***	8	***	***	***	4	96	0	17	83	0	
Q2...	-6	***	***	***	9	***	***	***	0	96	4	26	74	0	
Q3...	-8	***	***	***	-3	***	***	***	5	91	5	16	74	11	
Q4...	8	***	***	***	9	***	***	***	0	100	0	26	68	5	
1996 Q1...	-3	***	***	***	-9	***	***	***	0	95	5	17	83	0	
Q2...	3	***	***	***	-1	***	***	***	2	86	12	16	75	9	
Q3...	3	***	***	***	11	***	***	***	3	82	15	10	80	10	
III.E3 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)															
1995 Q1...	***	-1	1	1	***	1	4	6	***	***	***	10	78	12	
Q2...	***	1	4	9	***	1	5	14	***	***	***	17	73	10	
Q3...	***	-1	-3	3	***	-0	4	24	***	***	***	14	73	13	
Q4...	***	0	-0	-11	***	-1	1	1	***	***	***	20	67	12	
1996 Q1...	***	-2	-1	-1	***	-2	-1	-2	***	***	***	30	58	12	
Q2...	***	-0	0	-2	***	-3	-5	-11	***	***	***	38	52	10	
Q3...	***	-0	-1	-2	***	-2	-3	-16	***	***	***	24	62	13	

FEDERAL RESERVE BANK QUARTERLY SURVEYS OF AGRICULTURAL CREDIT CONDITIONS AT COMMERCIAL BANKS
TABLE III.E (CONTINUED)

TRENDS IN FARM REAL ESTATE VALUES AND LOAN VOLUME

MARKET VALUE OF GOOD FARMLAND										EXPECTED DEMAND FOR FARM REAL ESTATE LOANS DURING THE NEXT QUARTER, COMPARED WITH NORMAL (PERCENTAGE OF BANKS)				
PERCENTAGE CHANGE DURING QUARTER				PERCENTAGE CHANGE FROM A YEAR EARLIER				TREND EXPECTED DURING THE NEXT QUARTER (PERCENTAGE OF BANKS)						
DRY-ALL	IRRI-LAND	RANCH-GATED	RANCH-LAND	DRY-ALL	IRRI-LAND	RANCH-GATED	RANCH-LAND	DOWN	STABLE	UP	LOWER	SAME	HIGHER	
III.E4 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT (CO, KS, MO*, NE, NM*, OK, WY)														
1995 Q1...	***	2	2	3	***	7	4	6	***	***	***	***	***	***
Q2...	***	1	1	-0	***	7	4	5	***	***	***	***	***	***
Q3...	***	1	0	2	***	6	3	5	***	***	***	***	***	***
Q4...	***	1	1	1	***	5	4	5	***	***	***	***	***	***
1996 Q1...	***	-2	-2	1	***	1	-0	3	***	***	***	***	***	***
Q2...	***	0	1	1	***	1	-0	4	***	***	***	***	***	***
Q3...	***	2	2	3	***	2	1	5	***	***	***	***	***	***
III.E5 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT (MI*, MN, MT, ND, SC, WI*)														
1995 Q1...	***	***	***	***	***	4	4	3	***	***	***	***	***	***
Q2...	***	***	***	***	***	3	3	2	***	***	***	***	***	***
Q3...	***	***	***	***	***	3	4	3	***	***	***	***	***	***
Q4...	***	***	***	***	***	4	6	2	***	***	***	***	***	***
1996 Q1...	***	***	***	***	***	4	6	2	***	***	***	***	***	***
Q2...	***	***	***	***	***	5	4	2	***	***	***	***	***	***
Q3...	***	***	***	***	***	4	3	3	***	***	***	***	***	***