

# AGRICULTURAL FINANCE DATABOOK

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First Quarter 2000

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Board of Governors of the Federal Reserve System  
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 1999; the other data generally were available through the third quarter of 1999.

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## SECTION I: (CONTINUED)

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.2.A 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 February 2000 survey, the estimated number of non-real-estate farm loans made by banks was below the estimated level of one year earlier, continuing the gradual downward trend in the number of loans that has been evident since roughly 1994. The average amount of loans in the survey also was below the year-earlier reading. As a result, the estimated amount of farm non-real-estate loans that was closed early in 2000 remained towards the bottom of the range seen over the past decade. Relative to the year-earlier reading, the declines in volumes were for most sizes of farm loans, and at both large and small banks. By reported purpose, loans for "other" purposes showed, by far the sharpest decline, though loans for feeder livestock fell as well.

In the February survey, the average maturity of farm non-real-estate loans remained above year-earlier readings, as farm borrowers continued to look farther out along the yield curve for their loans than they did in late 1998 and early 1999. The average effective rate of interest on non-real-estate farm loans was 9.2 percent in the February survey, the same reading as last fall. The percentage of loans that were made with a rate of interest that floats was 63 percent in February, roughly the same as in the November survey, and well above the proportion that prevailed in 1998.

The weighted average risk rating (line 5 of Tables I.H.1 through I.H.6) rose for all sizes of loans in the February survey. The weighted average maturity (line 3) seemed to bounce back from a low November reading, largely reflecting the influence of loans for farm real estate, which were mentioned above. The weighted average repricing interval (line 4 of the tables) rose, especially for larger loans. The percentage of the volume of loans that were to purchase or improve farm real estate (line 23) jumped for all sizes of loans, and the proportion of farm loans that were secured by farm real estate (line 25) increased as well. The proportion of loans that were callable by the bank fell back in the February survey.

When broken out by the riskiness of the loan (Tables I.H.4 through I.H.6), more than half of the estimated volume of loans was rated either "moderate" or "low".

By farm production region, weighted average rates of interest fell substantially in the Pacific and the Delta States. In contrast, respondents in the Southeast and the Delta States reported that weighted average rates jumped by a full percentage point.

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

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## 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. However, the sample data always have been expanded into national estimates for all commercial banks, and these estimates necessarily 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.

Beginning with the May 1997 survey, data on the assessment by the lender of the risk associated with each loan, the next date that the rate of interest could be adjusted, whether the loan was callable by the bank, and whether the borrower could prepay the loan without penalty began to be collected. Over time, the data on the lender's perception of the riskiness of farm loans should help provide a better picture of the effect of fluctuations in the creditworthiness of farm borrowers as either farm financial conditions or the broader economic environment changes. The new data on loan repricing dates, callability of the loan, and the existence of prepayment penalties should help to refine estimates of the duration of farm loans made by commercial banks.

Tables I.H.1 through 1.H.6 contain most of the new data, while the other tables in section I attempt to show estimates that are comparable to those that have been presented for a number of years. However, for several quarters while the new survey was being designed, banks that left the survey panel were not replaced immediately, because new replacement banks would soon have been forced to revise their newly-instituted reporting procedures when the new survey form went into effect. As a result, the size of the survey panel dwindled through early 1997, and with the May 1997 survey, an unusually-large number of new reporters (about 25) were added. While this does not affect the validity of the May survey information, it likely introduced sampling error, especially when the May survey results are compared with those of previous quarters.

The format and the information contained in the tables are likely to change over time as more of the new survey information is acquired.

Chart 1

Results from the Survey of Terms of Bank Lending to Farmers

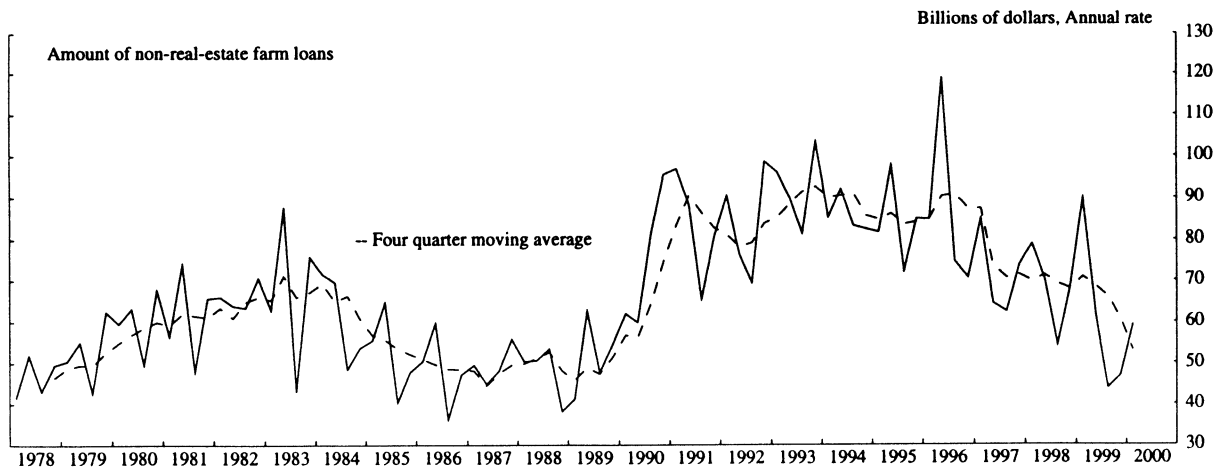
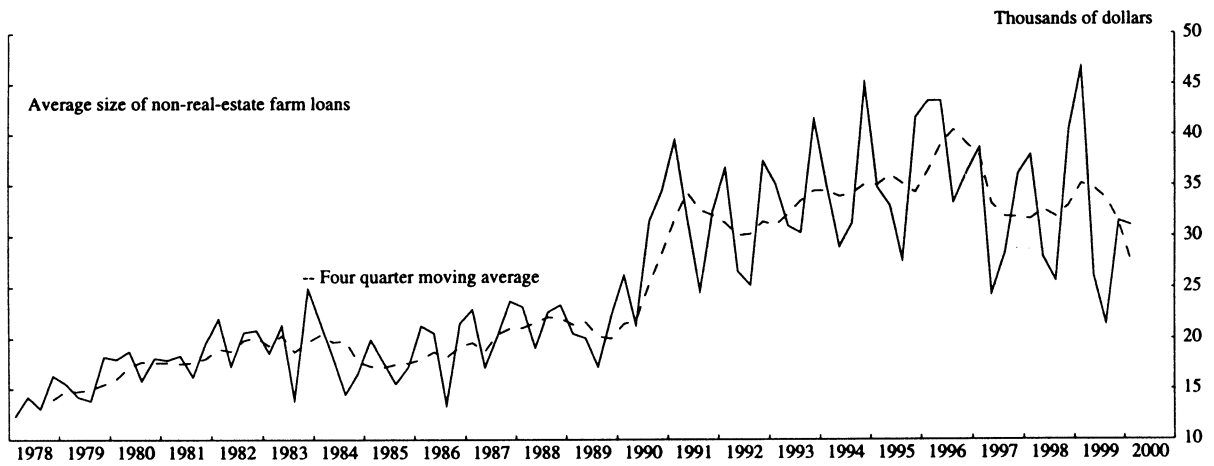
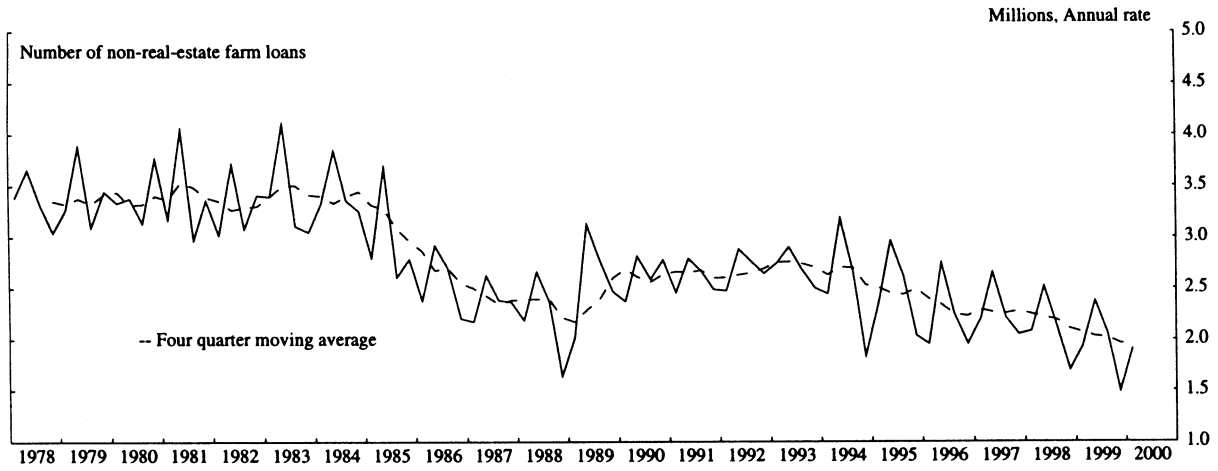
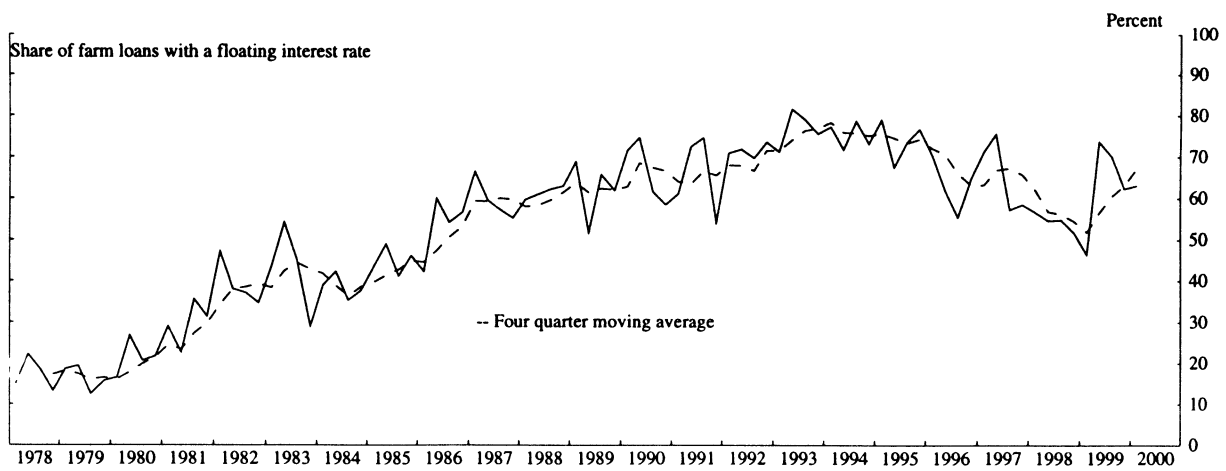
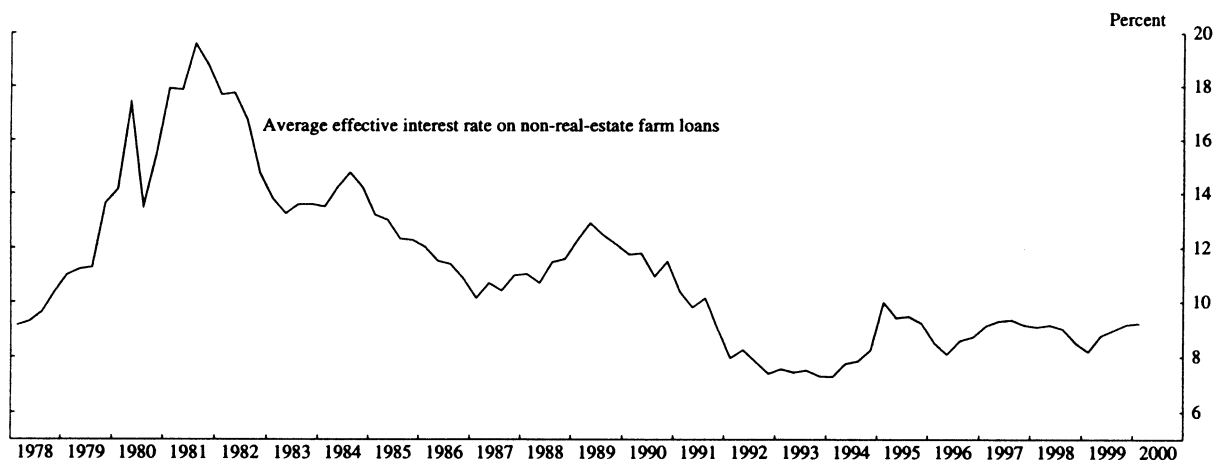
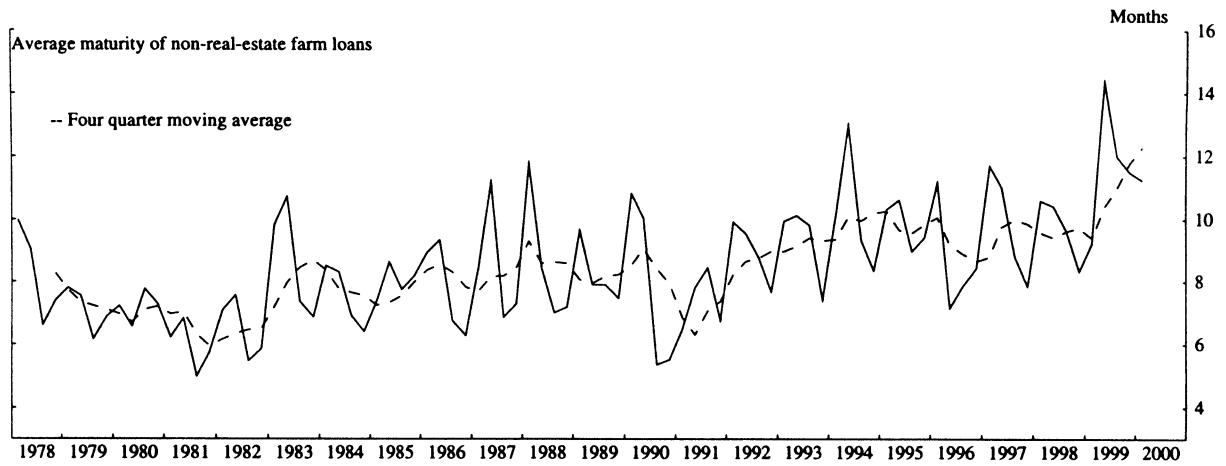


Chart 2

### 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 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER

ANNUAL NUMBER OF LOANS MADE

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
1997.....	2.27	0.19	0.20	1.40	0.15	0.33	1.32	0.50	0.34	0.11	0.46	1.82
1998.....	2.10	0.15	0.18	1.39	0.17	0.22	1.20	0.45	0.33	0.12	0.39	1.71
1999.....	1.96	0.14	0.16	1.32	0.16	0.18	1.09	0.44	0.32	0.11	0.40	1.56

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

1998 Q1...	2.08	0.19	0.20	1.29	0.18	0.22	1.07	0.47	0.38	0.16	0.38	1.70
Q2...	2.51	0.12	0.22	1.72	0.22	0.24	1.44	0.58	0.37	0.12	0.47	2.04
Q3...	2.12	0.10	0.16	1.50	0.15	0.20	1.36	0.41	0.26	0.09	0.38	1.74
Q4...	1.70	0.17	0.14	1.05	0.14	0.20	0.94	0.36	0.30	0.11	0.33	1.37
1999 Q1...	1.93	0.20	0.18	1.17	0.17	0.20	0.96	0.45	0.36	0.15	0.39	1.54
Q2...	2.37	0.12	0.18	1.77	0.17	0.14	1.41	0.51	0.34	0.10	0.45	1.93
Q3...	2.05	0.07	0.13	1.47	0.19	0.19	1.25	0.44	0.29	0.08	0.44	1.61
Q4...	1.49	0.15	0.15	0.88	0.13	0.17	0.74	0.36	0.29	0.10	0.33	1.16
2000 Q1...	1.91	0.09	0.16	1.36	0.13	0.16	1.07	0.43	0.27	0.14	0.72	1.19

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 CURRENT OPERATING EXPENSES	FARM MACHINERY AND EQUIPMENT	OTHER		1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER

ANNUAL AVERAGE SIZE OF LOANS MADE

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
1997.....	31.4	42.3	26.0	16.8	17.8	97.2	3.8	14.9	45.8	385.3	92.0	16.3
1998.....	32.4	41.5	24.3	18.2	28.1	127.9	3.7	14.8	45.4	357.0	95.0	18.1
1999.....	30.9	35.6	26.4	21.4	31.8	101.1	3.8	14.8	46.8	322.1	76.2	19.3

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

1998 Q2...	28.0	43.4	21.0	17.2	24.5	107.4	3.7	14.4	46.6	335.7	80.3	16.0
Q3...	25.6	30.4	17.9	14.4	20.9	115.8	3.5	14.6	44.0	366.8	85.7	12.5
Q4...	40.4	50.7	29.3	18.9	26.9	161.7	3.9	15.3	44.6	424.7	120.7	21.0
1999 Q1...	46.6	32.7	26.9	25.6	21.9	219.2	3.7	15.5	47.9	412.6	137.6	23.4
Q2...	26.1	30.2	21.2	20.5	52.4	66.3	3.8	14.5	46.4	314.6	63.4	17.4
Q3...	21.4	30.1	25.1	17.0	26.6	44.0	3.7	14.6	45.9	261.3	47.5	14.3
Q4...	31.5	46.5	33.1	24.9	25.9	54.5	4.1	14.9	46.7	242.1	58.7	23.8
2000 Q1...	31.1	38.5	29.9	27.6	48.0	43.5	3.8	15.1	47.7	256.3	42.0	24.4



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	FARM	OTHER	1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER
				CURRENT OPERATING EXPENSES	MACHINERY AND EQUIPMENT							
ANNUAL AMOUNT OF LOANS MADE												
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
1997.....	71.4	8.0	5.3	23.6	2.7	31.9	5.0	7.4	15.8	43.3	41.9	29.6
1998.....	68.0	6.1	4.4	25.2	4.9	27.5	4.5	6.7	14.9	41.9	37.0	31.1
1999.....	60.6	4.9	4.2	28.4	5.2	18.0	4.2	6.6	15.1	34.9	30.6	30.1
AMOUNT OF LOANS MADE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER, ANNUAL RATE												
1998 Q2...	70.30	5.3	4.6	29.5	5.4	25.6	5.4	8.4	17.4	39.2	37.7	32.6
Q3...	54.29	3.1	2.9	21.6	3.2	23.5	4.8	6.0	11.5	32.0	32.5	21.8
Q4...	68.73	8.8	4.1	19.7	3.8	32.3	3.6	5.5	13.2	46.4	40.0	28.7
1999 Q1...	89.86	6.7	4.8	30.1	3.7	44.6	3.6	7.0	17.4	61.9	53.9	36.0
Q2...	61.85	3.5	3.8	36.4	8.7	9.5	5.4	7.4	16.0	33.0	28.3	33.5
Q3...	43.91	2.2	3.2	25.0	5.1	8.4	4.6	6.4	13.2	19.7	20.8	23.1
Q4...	46.96	7.1	5.0	22.0	3.4	9.4	3.0	5.3	13.7	24.9	19.3	27.7
2000 Q1...	59.42	3.6	4.8	37.6	6.3	7.1	4.1	6.6	12.7	36.0	30.4	29.0

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 CURRENT OPERATING EXPENSES	FARM MACHINERY AND EQUIPMENT	OTHER		1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER

ANNUAL AVERAGE MATURITY

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
1997.....	9.9	9.1	11.0	10.7	30.6	7.4	8.8	11.6	12.4	8.8	7.6	12.8
1998.....	9.8	8.0	10.3	9.9	27.5	6.8	8.8	11.3	12.5	8.7	6.8	13.2
1999.....	11.5	8.0	11.0	11.3	20.1	10.5	9.8	11.2	12.4	11.4	9.2	13.8

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

1998 Q2...	10.4	7.8	7.5	10.4	33.1	6.6	9.8	11.3	13.8	8.8	6.8	14.5
Q3...	9.6	7.2	13.1	9.9	21.7	7.6	8.3	11.5	11.0	9.0	7.2	13.2
Q4...	8.3	8.3	8.6	8.9	31.5	5.2	7.6	8.9	11.4	7.5	5.9	11.7
1999 Q1...	9.2	8.3	12.8	11.2	28.0	6.1	10.1	11.9	10.9	8.4	7.0	12.6
Q2...	14.4	8.8	12.0	14.2	13.9	18.8	9.9	11.3	14.7	15.7	9.9	18.0
Q3...	12.0	6.9	7.3	9.3	22.3	17.1	9.4	10.4	11.1	13.8	12.3	11.8
Q4...	11.5	7.7	10.9	8.7	24.1	16.9	9.7	11.1	12.9	11.1	10.8	11.9
2000 Q1...	11.2	9.0	10.4	10.0	17.4	14.1	9.8	12.0	10.9	11.4	8.2	14.3

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 CURRENT OPERATING EXPENSES	FARM MACHINERY AND EQUIPMENT	OTHER		1 to 9	10 to 24	25 to 99	100 and over	LARGE	OTHER

ANNUAL AVERAGE INTEREST RATE

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
1997.....	9.2	9.6	9.8	9.9	9.8	8.5	10.2	10.0	9.9	8.8	8.7	10.0
1998.....	9.0	9.4	9.7	9.6	9.3	8.0	10.1	9.9	9.7	8.4	8.3	9.8
1999.....	ND	9.1	9.1	9.2	8.8	7.6	9.7	9.5	9.3	8.1	7.9	9.4

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

1998 Q2...	9.2	9.6	9.9	9.7	9.5	8.3	10.1	9.9	9.8	8.6	8.5	9.9
Q3...	9.0	9.7	9.7	9.6	9.7	8.3	10.1	10.1	9.7	8.4	8.5	9.9
Q4...	8.5	9.1	9.0	9.3	9.0	7.7	9.9	9.7	9.3	8.1	7.9	9.4
1999 Q1...	8.2	9.1	9.1	9.2	9.2	7.2	9.7	9.4	9.2	7.7	7.4	9.4
Q2...	8.8	9.0	9.1	9.1	8.2	7.9	9.5	9.4	9.2	8.3	8.1	9.3
Q3...	9.0	9.0	9.1	9.2	9.0	8.5	9.7	9.6	9.4	8.4	8.4	9.6
Q4...	9.2	9.3	9.2	9.4	9.4	8.6	9.9	9.7	9.4	8.8	8.7	9.5
2000 Q1...	9.2	9.2	9.3	9.5	8.0	9.2	9.8	9.7	9.5	9.0	8.7	9.8

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												
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
1997.....	65.8	66.4	73.2	67.8	49.9	64.3	60.1	58.0	68.0	67.0	71.4	57.9
1998.....	54.4	55.0	59.4	68.5	46.7	42.0	57.6	54.8	62.7	51.1	57.1	51.3
1999.....	60.7	45.6	66.0	68.6	58.2	52.0	52.6	54.6	60.2	63.1	70.8	50.5
AVERAGE PERCENTAGE DURING FIRST FULL WEEK OF SECOND MONTH OF QUARTER												
1998 Q1...	56.6	59.4	56.6	70.2	58.1	41.2	60.5	56.7	67.0	52.6	53.9	59.1
Q2...	54.6	76.2	60.1	68.1	48.2	34.9	58.0	50.5	61.9	51.7	57.6	51.1
Q3...	54.7	51.6	54.2	67.1	28.3	47.4	55.7	57.7	59.3	52.4	61.9	44.1
Q4...	51.6	39.9	66.2	68.0	38.9	44.4	56.4	55.9	60.8	48.1	55.8	45.7
1999 Q1...	46.4	50.2	65.2	63.6	33.9	33.2	47.0	50.4	55.0	43.5	43.4	50.8
Q2...	73.7	66.6	72.5	72.6	75.5	79.2	57.6	58.8	66.2	83.3	91.5	58.6
Q3...	70.2	44.6	69.1	71.5	48.8	86.3	50.2	51.4	62.3	86.4	94.3	48.6
Q4...	62.3	31.2	59.9	65.4	54.1	82.6	54.2	58.0	57.9	66.5	91.8	41.7
2000 Q1...	63.0	46.4	69.2	59.4	80.6	70.8	51.8	52.4	53.0	69.7	65.2	60.7

Table I.G

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

Effective interest rate (percent)	February												Memo: Percentage Distribution of Number of Loans,	
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Nov 99	Feb 00
All Loans . . . . .	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Under 5 percent	-	-	-	-	-	8	-	-	-	-	*	*	-	*
5.0 to 5.9 . . . . .	-	-	-	2	4	4	2	4	*	*	4	*	*	*
6.0 to 6.9 . . . . .	-	-	3	16	11	30	1	23	5	13	17	5	*	1
7.0 to 7.9 . . . . .	-	-	4	10	20	18	1	5	10	4	17	4	1	2
8.0 to 8.9 . . . . .	-	-	3	17	17	22	9	19	31	23	29	30	7	18
9.0 to 9.9 . . . . .	.1	1	31	18	26	15	7	26	33	32	23	36	30	43
10.0 to 10.9 . . . . .	.4	8	19	22	15	2	27	18	17	22	9	18	39	26
11.0 to 11.9 . . . . .	30	34	22	10	7	1	27	4	4	5	2	6	17	10
12.0 to 12.9 . . . . .	46	38	14	5	1	-	15	1	1	1	1	1	5	1
13.0 to 13.9 . . . . .	15	14	4	-	-	-	11	*	*	*	*	*	1	*
14.0 to 14.9 . . . . .	3	3	-	-	-	-	-	-	*	*	*	*	*	*
15.0 to 15.9 . . . . .	-	1	-	-	-	-	-	-	-	*	*	-	*	-
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.

TABLE I.H.1  
 SURVEY OF TERMS OF BANK LENDING MADE DURING FEBRUARY 7-11, 2000  
 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)	1,350,215	89,037	141,225	124,139	186,228	348,109	461,477
2 Number of loans	42,557	23,511	9,398	3,606	2,767	2,302	972
3 Weighted average maturity (months) <sup>1</sup>	17.15	10.57	12.38	13.79	17.47	26.22	13.73
4 Weighted average repricing interval (months) <sup>2</sup>	5.43	5.45	7.22	7.38	10.10	4.64	3.07
5 Weighted average risk rating <sup>3</sup>	2.94	2.92	2.88	2.74	3.07	2.85	3.04
6 Weighted average interest rate (percent) <sup>4</sup>	9.26	9.82	9.74	9.65	9.30	9.47	8.73
7 Standard error <sup>5</sup>	0.20	0.15	0.08	0.13	0.15	0.15	0.44
8 Interquartile Range <sup>6</sup>							
a.75th Percentile	10.00	10.52	10.34	10.24	9.82	10.24	9.25
b.25th Percentile	8.50	9.09	9.07	8.94	8.75	8.84	8.15
By purpose of loan							
9 Feeder livestock	9.18	10.07	9.87	9.67	9.34	9.34	8.51
10 Other livestock	9.27	10.16	9.78	10.05	9.38	9.25	8.58
11 Other current operating expenses	9.51	9.73	9.72	9.60	9.32	9.64	9.30
12 Farm machinery and equipment	8.09	10.22	9.85	9.94	9.30	10.14	6.76
13 Farm real estate	9.00	9.26	9.58	9.20	8.24	8.82	9.34
14 Other	9.14	10.00	9.65	9.69	9.52	9.13	8.66
Percentage of the amount of loans							
15 With floating rates	63.26	51.73	52.42	56.59	43.79	74.04	70.31
16 Made under commitment	74.17	73.31	69.26	65.73	60.41	66.92	89.12
17 Callable	14.84	20.65	20.30	21.11	16.21	15.86	9.04
18 Subject to prepayment penalty	3.04	0.05	0.31	0.78	0.25	0.75	7.92
By purpose of the loan							
19 Feeder livestock	6.33	4.88	6.06	7.97	9.35	4.47	6.42
20 Other livestock	7.37	8.70	7.57	6.74	6.45	9.30	6.13
21 Other current operating expenses	59.16	71.30	67.86	59.08	58.26	60.88	53.24
22 Farm machinery and equipment	9.25	6.92	6.64	8.88	6.91	4.09	15.44
23 Farm real estate	6.72	2.12	2.57	7.18	4.72	11.36	6.05
24 Other	11.17	6.07	9.29	10.14	14.30	9.90	12.72
By type of collateral							
25 Farm real estate	15.67	11.84	10.78	19.26	23.14	20.97	9.91
26 Other	80.69	81.85	84.89	75.65	72.73	74.74	88.23

Footnotes are at the end of table I.H

TABLE I.H.2  
 SURVEY OF TERMS OF BANK LENDING MADE DURING FEBRUARY 7-11, 2000  
 Loans to farmers

	Size class of loans (thousands)						
	all sizes	\$1-9	\$10-24	\$25-49	\$50-99	\$100-249	\$250 and over
<b>LARGE FARM LENDERS<sup>7</sup></b>							
1 Amount of loans (thousands)	594,465	26,637	40,147	47,635	69,877	156,284	253,885
2 Number of loans	13,722	7,209	2,670	1,358	1,047	1,072	365
3 Weighted average maturity (months) <sup>1</sup>	15.41	9.97	11.48	12.64	13.92	17.47	16.28
4 Weighted average repricing interval (months) <sup>2</sup>	3.15	3.02	3.45	3.95	3.92	3.37	2.64
5 Weighted average risk rating <sup>3</sup>	3.06	2.98	3.12	2.98	3.01	3.01	3.11
6 Weighted average interest rate (percent) <sup>4</sup>	9.05	9.95	9.86	9.68	9.53	9.43	8.35
7 Standard error <sup>5</sup>	0.21	0.11	0.15	0.15	0.17	0.12	0.33
8 Interquartile Range <sup>6</sup>							
a.75th Percentile	9.90	10.52	10.51	10.21	10.20	9.88	9.38
b.25th Percentile	8.56	9.29	9.20	9.11	8.95	8.88	7.14
By purpose of loan							
9 Feeder livestock	9.28	10.27	9.74	9.62	9.19	9.34	8.90
10 Other livestock	8.90	9.59	9.49	9.23	9.38	9.13	8.26
11 Other current operating expenses	9.59	9.99	10.06	9.78	9.66	9.52	9.28
12 Farm machinery and equipment	7.43	10.24	10.05	9.69	9.50	10.19	6.76
13 Farm real estate	9.34	9.40	8.81	11.11	9.15	9.16	9.34
Percentage of the amount of loans							
15 With floating rates	84.67	74.52	75.54	75.44	78.62	82.62	91.83
16 Made under commitment	82.45	86.25	84.12	83.34	86.55	74.09	85.65
17 Callable	15.50	29.88	27.58	30.39	18.63	15.92	8.17
18 Subject to prepayment penalty	6.74	0.17	0.48	0.49	0.66	1.66	14.40
By purpose of the loan							
19 Feeder livestock	7.78	5.01	8.19	10.99	13.13	9.96	4.60
20 Other livestock	8.28	7.84	7.03	8.71	10.51	9.66	6.97
21 Other current operating expenses	41.83	66.93	58.52	51.62	48.59	52.58	26.25
22 Farm machinery and equipment	15.11	5.08	6.88	7.40	3.56	5.41	28.06
23 Farm real estate	6.22	1.34	0.44	1.94	3.56	3.28	11.00
24 Other	11.17	6.07	9.29	10.14	14.30	9.90	12.72
By type of collateral							
25 Farm real estate	16.69	17.84	15.15	15.66	20.20	19.09	14.57
26 Other	77.89	76.35	77.34	77.95	74.65	72.93	82.07

Footnotes are at the end of table I.H

TABLE I.H.3  
 SURVEY OF TERMS OF BANK LENDING MADE DURING FEBRUARY 7-11, 2000  
 Loans to farmers

	Size class of loans (thousands)						
	all sizes	\$1-9	\$10-24	\$25-49	\$50-99	\$100-249	\$250 and over
OTHER BANKS <sup>7</sup>							
1 Amount of loans (thousands)	755,750	62,400	101,078	76,504	116,351	191,824	207,592
2 Number of loans	28,835	16,302	6,728	2,248	1,720	1,231	607
3 Weighted average maturity (months) <sup>1</sup>	18.48	10.83	12.73	14.49	19.57	33.28	10.72
4 Weighted average repricing interval (months) <sup>2</sup>	7.20	6.47	8.70	9.49	13.75	5.66	3.59
5 Weighted average risk rating <sup>3</sup>	2.84	2.90	2.77	2.59	3.11	2.69	2.94
6 Weighted average interest rate (percent) <sup>4</sup>	9.43	9.77	9.69	9.63	9.16	9.50	9.21
7 Standard error <sup>5</sup>	0.23	0.19	0.11	0.18	0.23	0.24	0.75
8 Interquartile Range <sup>6</sup>							
a. 75th Percentile	10.17	10.50	10.24	10.34	9.65	10.47	9.25
b. 25th Percentile	8.50	8.84	9.01	8.75	8.51	8.76	8.38
By purpose of loan							
9 Feeder livestock	9.05	9.98	9.96	9.74	9.50	-	8.25
10 Other livestock	9.63	10.37	9.88	10.86	9.38	9.35	9.11
11 Other current operating expenses	9.47	9.63	9.62	9.51	9.17	9.71	9.31
12 Farm machinery and equipment	9.79	10.22	9.77	10.06	9.25	10.06	-
13 Farm real estate	8.77	9.23	9.62	8.98	7.88	8.78	-
14 Other	9.58	10.37	10.01	10.21	9.40	8.76	-
Percentage of the amount of loans							
15 With floating rates	46.41	42.00	43.24	44.85	22.87	67.04	43.99
16 Made under commitment	67.65	67.79	63.36	54.76	44.71	61.08	93.37
17 Callable	14.32	16.72	17.40	15.33	14.76	15.81	10.11
18 Subject to prepayment penalty	0.13	0.39	0.73	NA	NA	NA	-
By purpose of the loan							
19 Feeder livestock	5.18	4.83	5.22	6.09	7.09	9.36	-
20 Other livestock	6.65	9.07	7.78	5.51	4.01	9.00	5.10
21 Other current operating expenses	72.80	73.17	71.58	63.73	64.07	67.65	86.26
22 Farm machinery and equipment	4.65	7.71	6.54	9.81	8.93	3.02	-
23 Farm real estate	7.10	2.45	3.42	10.44	5.42	17.93	-
24 Other	11.17	6.07	9.29	10.14	14.30	9.90	12.72
By type of collateral							
25 Farm real estate	14.86	9.28	9.04	21.49	24.90	22.51	4.22
26 Other	82.89	84.20	87.88	74.23	71.57	76.21	95.78

Footnotes are at the end of table I.H



TABLE I.H.4  
 SURVEY OF TERMS OF BANK LENDING MADE DURING FEBRUARY 7-11, 2000  
 Loans to farmers

	Risk Rating							
	All	Minimal	Low	Moderate	Acceptable	Special	Not Rated	Not Reported
ALL BANKS								
1 Amount of loans (thousands)	1,350,215	123,327	214,011	547,767	255,951	68,047	29,059	112,053
2 Number of loans	42,557	4,102	7,355	15,885	8,317	1,329	1,081	4,488
3 Weighted average maturity (months) <sup>1</sup>	17.15	12.27	19.10	15.49	21.53	17.06	12.90	17.84
4 Weighted average repricing interval (months) <sup>2</sup>	5.43	4.84	4.52	5.05	4.84	3.43	8.04	11.60
5 Weighted average risk rating <sup>3</sup>	2.94	1.00	2.00	3.00	4.00	5.00	-	-
6 Weighted average interest rate (percent) <sup>4</sup>	9.26	9.31	9.54	9.07	8.96	9.66	9.65	9.94
7 Standard error <sup>5</sup>	0.20	0.36	0.10	0.30	0.22	0.32	0.28	0.23
8 Interquartile Range <sup>6</sup>								
a.75th Percentile	10.00	10.09	9.99	9.81	9.65	10.48	10.36	10.79
b.25th Percentile	8.50	8.45	9.11	8.40	8.38	8.82	9.11	9.00
By purpose of loan								
9 Feeder livestock	9.18	8.39	9.39	9.27	9.52	8.61	10.20	10.45
10 Other livestock	9.27	7.45	9.36	9.26	8.99	11.57	9.82	9.29
11 Other current operating expenses	9.51	9.64	9.59	9.55	8.95	9.86	9.69	10.23
12 Farm machinery and equipment	8.09	10.03	9.96	7.18	9.65	10.28	9.87	9.60
13 Farm real estate	9.00	7.84	9.70	9.08	8.76	-	10.62	9.05
14 Other	9.14	8.98	9.46	8.98	9.13	9.24	9.37	9.68
Percentage of the amount of loans								
15 With floating rates	63.26	63.69	61.87	72.36	48.29	73.43	50.87	52.14
16 Made under commitment	74.17	60.29	77.04	78.57	74.97	89.86	69.58	52.23
17 Callable	14.84	7.63	29.20	13.57	4.17	6.33	4.72	33.75
18 Subject to prepayment penalty	3.04	0.92	14.52	0.62	1.83	1.14	-	-
By purpose of the loan								
19 Feeder livestock	6.33	16.48	8.00	6.10	1.94	3.42	0.44	6.38
20 Other livestock	7.37	2.35	17.71	5.90	3.45	0.20	27.37	8.43
21 Other current operating expenses	59.16	58.08	54.61	56.30	70.33	67.82	33.33	59.00
22 Farm machinery and equipment	9.25	12.25	3.84	15.07	0.98	2.09	7.10	11.64
23 Farm real estate	6.72	3.93	6.88	4.88	12.22	0.40	44.24	-
24 Other	11.17	6.90	8.96	11.75	11.09	26.48	30.83	3.07
By type of collateral								
25 Farm real estate	15.67	3.01	11.12	17.44	19.51	18.44	17.01	18.79
26 Other	80.69	87.18	85.67	79.34	77.90	79.29	81.66	77.60

Footnotes are at the end of table I.H

TABLE I.H.5  
 SURVEY OF TERMS OF BANK LENDING MADE DURING FEBRUARY 7-11, 2000  
 Loans to farmers

	Risk Rating							
	All	Minimal	Low	Moderate	Acceptable	Special	Not Rated	Not Reported
LARGE FARM LENDERS <sup>7</sup>								
1 Amount of loans (thousands)	594,465	36,959	86,012	299,243	85,958	52,991	9,921	23,380
2 Number of loans	13,722	923	2,128	6,315	2,368	883	177	927
3 Weighted average maturity (months) <sup>1</sup>	15.41	10.39	11.15	16.35	15.85	22.03	9.95	13.95
4 Weighted average repricing interval (months) <sup>2</sup>	3.15	0.97	3.04	3.76	1.95	3.87	0.65	2.70
5 Weighted average risk rating <sup>3</sup>	3.06	1.00	2.00	3.00	4.00	5.00	-	-
6 Weighted average interest rate (percent) <sup>4</sup>	9.05	9.31	9.43	8.63	9.30	9.85	8.67	10.06
7 Standard error <sup>5</sup>	0.21	0.20	0.29	0.32	0.21	0.30	0.40	0.30
8 Interquartile Range <sup>6</sup>								
a.75th Percentile	9.90	10.09	9.90	9.65	9.87	10.49	9.11	10.86
b.25th Percentile	8.56	8.80	9.04	7.81	8.57	9.11	7.60	9.51
By purpose of loan								
9 Feeder livestock	9.28	9.40	9.36	9.21	9.52	8.61	10.20	10.86
10 Other livestock	8.90	7.34	9.31	8.78	8.76	11.57	9.20	9.51
11 Other current operating expenses	9.59	9.20	9.29	9.53	9.50	10.27	8.24	10.17
12 Farm machinery and equipment	7.43	10.11	10.18	6.79	9.65	10.28	10.20	9.19
13 Farm real estate	9.34	-	10.12	8.89	9.37	-	9.11	11.04
14 Other	9.04	9.15	9.45	8.90	9.03	9.24	8.05	9.68
Percentage of the amount of loans								
15 With floating rates	84.67	89.00	67.16	87.44	86.06	92.19	98.41	78.78
16 Made under commitment	82.45	43.77	87.10	85.11	83.10	89.28	97.53	68.33
17 Callable	15.50	3.54	30.30	13.72	4.83	8.08	1.49	64.83
18 Subject to prepayment penalty	6.74	0.42	36.12	1.14	5.46	1.46	-	-
By purpose of the loan								
19 Feeder livestock	7.78	4.39	12.60	8.59	5.67	4.39	1.30	3.32
20 Other livestock	8.28	7.03	11.10	7.09	9.05	0.25	45.45	14.69
21 Other current operating expenses	41.83	45.97	47.60	35.00	48.25	58.68	7.79	54.18
22 Farm machinery and equipment	15.11	26.46	4.02	24.12	1.37	2.68	2.47	6.61
23 Farm real estate	6.22	18.70	24.20	2.29	0.10	4.40	-	-
24 Other	11.17	6.90	8.96	11.75	11.09	26.48	30.83	3.07
By type of collateral								
25 Farm real estate	16.69	0.67	13.36	18.96	18.24	23.63	5.62	8.59
26 Other	77.89	67.20	80.12	79.16	74.69	73.45	90.46	86.68

Footnotes are at the end of table I.H

TABLE I.H.6  
 SURVEY OF TERMS OF BANK LENDING MADE DURING FEBRUARY 7-11, 2000  
 Loans to farmers

	Risk Rating							
	All	Minimal	Low	Moderate	Acceptable	Special	Not Rated	Not Reported
OTHER BANKS <sup>7</sup>								
1 Amount of loans (thousands)	755,750	86,368	127,998	248,524	169,992	15,056	19,138	88,673
2 Number of loans	28,835	3,179	5,227	9,569	5,950	446	903	3,561
3 Weighted average maturity (months) <sup>1</sup>	18.48	13.08	24.39	14.46	24.39	2.09	13.91	18.87
4 Weighted average repricing interval (months) <sup>2</sup>	7.20	6.50	5.50	6.61	6.29	1.86	10.58	13.94
5 Weighted average risk rating <sup>3</sup>	2.84	1.00	2.00	3.00	4.00	5.00	-	-
6 Weighted average interest rate (percent) <sup>4</sup>	9.43	9.31	9.62	9.60	8.80	9.02	10.16	9.90
7 Standard error <sup>5</sup>	0.23	0.46	0.18	0.45	0.32	0.52	0.27	0.23
8 Interquartile Range <sup>6</sup>								
a.75th Percentile	10.17	10.25	10.24	10.17	9.20	8.82	10.64	10.79
b.25th Percentile	8.50	8.25	9.11	8.94	8.38	8.82	9.65	8.99
By purpose of loan								
9 Feeder livestock	9.05	8.30	9.43	9.45	9.53	-	-	10.40
10 Other livestock	9.63	8.43	-	10.16	10.64	-	10.65	9.15
11 Other current operating expenses	9.47	9.78	9.75	9.56	8.78	9.02	9.81	10.24
12 Farm machinery and equipment	9.79	9.88	9.80	9.88	9.65	-	9.83	9.66
13 Farm real estate	8.77	7.84	9.33	9.73	8.59	-	11.30	8.60
14 Other	9.58	8.57	9.50	9.37	9.65	-	10.53	9.69
Percentage of the amount of loans								
15 With floating rates	46.41	52.86	58.32	54.20	29.19	7.44	26.23	45.11
16 Made under commitment	67.65	67.37	70.28	70.71	70.85	91.92	55.09	47.99
17 Callable	14.32	9.38	28.46	13.39	3.84	0.16	6.39	25.55
18 Subject to prepayment penalty	0.13	1.13	-	-	-	-	-	-
By purpose of the loan								
19 Feeder livestock	5.18	21.65	4.91	3.10	0.05	42.34	-	-
20 Other livestock	6.65	0.35	22.15	4.46	0.62	22.88	31.43	-
21 Other current operating expenses	72.80	63.26	59.33	81.94	81.49	100.00	46.58	60.27
22 Farm machinery and equipment	4.65	6.17	3.72	4.18	0.78	12.07	60.09	-
23 Farm real estate	7.10	5.62	6.10	2.37	14.37	1.24	54.98	-
24 Other	11.17	6.90	8.96	11.75	11.09	26.48	30.83	3.07
By type of collateral								
25 Farm real estate	14.86	4.01	9.61	15.61	20.16	0.16	22.91	21.48
26 Other	82.89	95.73	89.40	79.55	79.52	99.84	77.09	75.20

Footnotes are at the end of table I.H

**NOTES TO TABLE I.H**

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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 those residing in the portfolios of banks. Loans of less than \$1,000 are excluded from the survey.

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1. Average maturities are weighted by loan size and exclude loans with no stated maturity.
2. The repricing interval measures the period from the date the loan is made until it first may be repriced. For floating-rate loans that are subject to repricing at any time--such as many prime-based loans--the repricing interval is zero. For floating rate loans that have a scheduled repricing interval, the interval measures the number of days between the date the loan is made and the date on which it is next scheduled to reprice. For loans having rates that remain fixed until the loan matures (fixed-rate loans), the interval measures the number of days between the date the loan is made and the date on which it matures. Loans that reprice daily are assumed to reprice on the business day after they are made.
3. A complete description of these risk rating categories is available from the Banking and Money Market Statistics Section, mail stop 81, the Federal Reserve Board, Washington, DC 20551. The category "Moderate Risk" includes the average loan, under average economic conditions, at the typical lender. The weighted-average risk ratings are calculated by assigning a value of "1" to minimal risk loans; "2" to low risk loans; "3" to moderate risk loans; "4" to acceptable risk loans; and "5" to special mention and classified loans. These values are weighted by loan amount and exclude loans with no risk rating. Some of the loans are not rated for risk.
4. Effective (compounded) annual interest rates are calculated from the stated rate and other terms of the loans and weighted by loan size.
5. 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.
6. The interquartile range shows the interest rate range that encompasses the middle 50 percent of the total dollar amount of loans made.
7. Among banks reporting loans to farmers, most "large banks" (survey strata 1 and 2) had over \$25 million in farm loans, most "other banks" (survey strata 3 to 5) had farm loans below \$25 million.

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

		USDA Farm Production Region									
		NE	LS	CB	NP	AP	SE	DL	SP	MN	PA
Proportion of farm loans outstanding, Dec. 1999		2.3	11.8	26.0	17.3	10.7	4.7	4.9	8.6	6.0	7.6
Sample Coverage, Feb. 2000 survey (%)		20.3	3.4	10.0	12.5	15.8	6.2	5.3	6.0	17.8	61.9
Avg. Loan Size, Feb. 2000 survey (\$1000)		45.9	24.9	33.5	30.8	39.9	39.7	22.6	36.0	25.7	78.5
Survey date:		Weighted Average Interest Rate During Sample Week									
Nov.	1992	7.9	9.2	8.3	7.9	5.5	7.3	8.4	8.2	7.6	6.9
Feb.	1993	7.8	9.0	8.0	8.0	5.6	8.3	7.8	7.8	7.5	6.5
May	1993	8.1	8.7	8.1	7.9	5.2	8.4	7.8	8.3	7.7	6.8
Aug.	1993	8.2	7.5	8.2	8.0	5.7	7.3	7.0	7.7	7.1	7.2
Nov.	1993	8.3	8.1	7.8	7.4	5.3	6.3	8.2	7.8	7.1	6.7
Feb.	1994	7.7	8.6	7.9	7.5	5.2	7.3	7.7	7.6	7.3	6.9
May	1994	8.7	9.0	8.0	8.1	6.1	8.2	7.8	8.4	7.5	7.2
Aug.	1994	9.1	8.6	8.3	8.6	6.5	8.6	7.6	8.6	7.6	7.5
Nov.	1994	10.2	9.7	8.9	8.5	7.1	8.5	8.8	9.0	8.0	8.5
Feb.	1995	11.7	10.7	10.0	9.9	8.6	7.2	10.4	10.4	9.4	9.4
May	1995	9.0	10.4	9.3	9.4	8.5	10.2	10.7	10.1	9.3	9.3
Aug.	1995	9.6	10.3	9.3	9.8	8.1	9.6	10.4	10.1	9.4	9.5
Nov.	1995	10.8	10.3	8.3	9.6	7.9	10.1	10.3	9.8	9.3	8.9
Feb.	1996	8.8	9.9	8.0	9.4	7.3	9.4	10.9	9.9	8.9	8.1
May	1996	10.3	10.2	7.3	9.0	8.1	9.6	10.4	9.8	8.7	8.3
Aug.	1996	8.3	9.9	8.9	9.4	7.6	9.4	10.0	9.4	8.9	8.1
		(.87)	(.18)	(.49)	(.25)	(.82)	(.59)	(.37)	(.18)	(.58)	(.56)
Nov.	1996	10.1	9.9	9.3	9.0	7.5	9.3	9.9	9.1	9.0	8.6
		(.21)	(.14)	(.11)	(.55)	(.82)	(.57)	(.40)	(.25)	(.75)	(.48)
Feb.	1997	8.8	9.5	9.5	9.3	8.0	9.9	9.5	9.5	10.1	8.7
		(.11)	(.26)	(.12)	(.22)	(.51)	(.32)	(.35)	(.24)	(.27)	(.35)
May	1997	9.4	10.1	9.2	9.5	8.3	9.9	10.2	9.7	10.0	8.7
		(.43)	(.17)	(.22)	(.27)	(.62)	(.66)	(.29)	(.23)	(.29)	(.51)
Aug.	1997	9.3	9.8	9.6	9.9	8.5	10.1	9.9	9.7	10.5	8.7
		(.47)	(.18)	(.14)	(.08)	(.26)	(.24)	(.12)	(.27)	(.23)	(.34)
Nov.	1997	9.2	9.5	9.3	9.8	7.5	9.8	9.4	9.4	10.1	8.8
		(.41)	(.17)	(.10)	(.08)	(.60)	(.11)	(.05)	(.38)	(.57)	(.31)
Feb.	1998	9.3	9.0	9.4	9.8	7.3	10.0	10.3	9.8	9.6	8.5
		(.51)	(.27)	(.17)	(.09)	(.77)	(.48)	(.13)	(.30)	(.43)	(.19)
May	1998	9.2	9.4	9.2	9.7	7.6	10.2	10.3	9.6	9.8	8.4
		(.49)	(.24)	(.15)	(.10)	(.54)	(.12)	(.34)	(.30)	(.42)	(.39)
Aug.	1998	10.2	9.5	9.5	9.5	8.8	9.5	9.7	9.5	9.6	8.5
		(.19)	(.21)	(.12)	(.17)	(.17)	(.29)	(.29)	(.28)	(.47)	(.33)
Nov.	1998	9.4	9.2	8.7	9.0	8.3	9.4	9.7	9.2	9.1	8.0
		(.01)	(.28)	(.20)	(.12)	(.38)	(.31)	(.20)	(.32)	(.59)	(.38)
Feb.	1999	8.4	8.9	8.9	9.1	8.2	9.0	9.6	9.1	9.0	7.5
		(.40)	(.20)	(.15)	(.12)	(.20)	(.23)	(.13)	(.52)	(.41)	(.51)
May	1999	9.6	9.1	8.8	9.0	8.0	9.0	9.8	9.0	8.7	8.0
		(.19)	(.13)	(.15)	(.08)	(.16)	(.33)	(.35)	(.43)	(.40)	(.22)
Aug.	1999	10.2	8.9	8.7	9.3	8.2	8.9	10.0	8.8	9.0	8.5
		(.29)	(.56)	(.14)	(.18)	(.22)	(.37)	(.55)	(.65)	(.19)	(.23)
Nov.	1999	9.1	9.2	8.8	9.4	8.3	8.8	9.8	9.0	9.5	8.8
		(.67)	(.67)	(.29)	(.15)	(.31)	(.50)	(.37)	(.37)	(.16)	(.28)
Feb.	2000	9.4	9.2	9.2	9.6	8.4	9.8	9.3	10.0	9.8	8.4
		(.49)	(.11)	(.28)	(.10)	(.15)	(.32)	(.06)	(.49)	(.21)	(.66)

\* 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 the more recent estimates. 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

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Agricultural banks:

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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. In 1991, 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 December of 1999.

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.

SECTION II: (continued)

Recent Developments:

Loans outstanding: Over the four quarters of 1999, growth in the total volume of farm loans was 1.7 percent, the lowest year-over-year change since 1993. The volume of non-real-estate farm loans, fell almost 3 percent from the previous year, while the volume outstanding of farm real estate loans was 8.8 percent greater than one year earlier. Some of the increase of real estate loans relative to other farm loans likely reflects more stringent collateral requirements by lenders.

Problem loans: At the end of 1999, the rate of delinquency on either farm non-real-estate loans or loans secured by farm real estate had begun to edge down relative to one year earlier. To some degree, the improvement in the volume of delinquencies reflects an increase in chargeoffs as banks dealt with an upturn in problem loans that began to surface towards the end of 1998, but large increases in government payments to farmers also contributed to the turnaround. Reflecting this improvement in the balance sheets of agricultural banks, the proportion of these institutions that reported a level of nonperforming loans that was less than 2 percent of total loans was the highest since 1994.

Performance of agricultural banks: The average rate of return on assets at agricultural banks was 1.2 percent for 1999, the same rate of profitability as has been seen for most of the past decade. Agricultural banks managed to preserve profitability even though chargeoffs moved up, cutting into earnings. The capital ratio for agricultural banks edged down relative to one year earlier, though it remained only a touch below the average over the past 3 or 4 years and well above the capital ratios seen for agricultural banks in the first half of the 1990s. The ratio of loans to deposits at agricultural banks increased from the previous year, and remains considerably higher than historical norms.

Failures of agricultural banks: Despite the hints of financial stress at some agricultural banks, only one failed in 1999, and no agricultural bank failed in the first quarter of 2000. Given the strong capital positions and low levels of problem loans of most agricultural banks, the number of failures seems likely to remain fairly small in coming quarters. However, if we see significant problems with drought in the major farm states this spring, stress among agricultural banks could resume.

## 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 ESTATE LOANS	NONREAL ESTATE LOANS	TOTAL LOANS	REAL ESTATE LOANS	NONREAL ESTATE LOANS	TOTAL LOANS	REAL ESTATE LOANS	NONREAL ESTATE LOANS
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
Q4...	65.5	25.0	40.5	-1.6	0.3	-2.8	2.8	4.6	1.8
1997 Q1...	63.8	25.4	38.4	-2.6	1.4	-5.1	3.4	5.5	2.0
Q2...	69.0	26.2	42.8	8.2	3.3	11.5	5.1	6.2	4.4
Q3...	71.1	27.0	44.2	3.0	2.9	3.1	6.8	8.1	6.0
Q4...	71.3	27.1	44.2	0.3	0.7	0.0	8.9	8.5	9.1
1998 Q1...	70.1	27.6	42.4	-1.7	1.8	-3.9	9.8	9.0	10.4
Q2...	75.0	28.5	46.5	7.1	3.2	9.6	8.6	8.8	8.5
Q3...	76.3	28.9	47.4	1.7	1.3	1.9	7.2	7.2	7.3
Q4...	74.7	29.3	45.5	-2.0	1.3	-4.0	4.8	7.8	3.0
1999 Q1...	72.7	29.7	42.9	-2.8	1.7	-5.6	3.7	7.6	1.1
Q2...	75.8	30.8	45.1	4.4	3.5	5.0	1.1	8.0	-3.1
Q3...	76.8	31.4	45.5	1.3	1.9	0.9	0.7	8.6	-4.1
Q4...	76.0	31.8	44.2	-1.0	1.5	-2.8	1.7	8.8	-2.8



TABLE II.B

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

	BILLIONS OF DOLLARS					AS PERCENTAGE OF OUTSTANDING FARM PRODUCTION				
	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.....	1.1	0.4	0.7	0.1	0.5	3.2	1.3	1.9	0.3	1.6
1992.....	1.0	0.3	0.6	0.1	0.5	2.8	1.0	1.8	0.3	1.5
1993.....	0.8	0.3	0.5	0.1	0.4	2.2	0.8	1.4	0.2	1.2
1994.....	0.8	0.3	0.4	0.1	0.3	2.0	0.9	1.1	0.2	0.9
1995.....	0.8	0.4	0.4	0.1	0.3	2.1	0.9	1.1	0.3	0.9
1996.....	1.0	0.5	0.5	0.1	0.4	2.4	1.2	1.3	0.3	1.0
1997.....	0.9	0.4	0.5	0.1	0.4	2.0	0.9	1.1	0.2	0.9
1998.....	1.0	0.5	0.5	0.1	0.4	2.2	1.0	1.2	0.3	0.9
1999.....	0.9	0.3	0.6	0.1	0.5	2.1	0.8	1.3	0.2	1.1
-----End of quarter-----										
1996 Q4...	1.0	0.5	0.5	0.1	0.4	2.4	1.2	1.3	0.3	1.0
1997 Q1...	1.3	0.7	0.6	0.2	0.4	3.3	1.7	1.5	0.5	1.0
Q2...	1.0	0.4	0.6	0.2	0.4	2.4	1.0	1.4	0.5	0.9
Q3...	0.9	0.3	0.6	0.1	0.4	2.0	0.7	1.3	0.3	0.9
Q4...	0.9	0.4	0.5	0.1	0.4	2.0	0.9	1.1	0.2	0.9
1998 Q1...	1.3	0.8	0.6	0.2	0.4	3.2	1.8	1.3	0.4	0.9
Q2...	1.1	0.5	0.6	0.2	0.4	2.4	1.1	1.3	0.5	0.8
Q3...	1.0	0.4	0.6	0.2	0.4	2.1	0.8	1.3	0.4	0.9
Q4...	1.0	0.5	0.5	0.1	0.4	2.2	1.0	1.2	0.3	0.9
1999 Q1...	1.6	0.9	0.7	0.2	0.4	3.7	2.1	1.5	0.5	1.0
Q2...	1.3	0.5	0.7	0.2	0.5	2.8	1.2	1.6	0.5	1.1
Q3...	1.0	0.4	0.6	0.2	0.5	2.2	0.8	1.4	0.4	1.0
Q4...	0.9	0.3	0.6	0.1	0.5	2.1	0.8	1.3	0.2	1.1

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
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.....	95	16	27	24	30	0.24	0.04	0.07	0.06	0.07
1997.....	93	6	19	19	50	0.23	0.01	0.05	0.05	0.11
1998.....	87	4	15	24	45	0.20	0.01	0.04	0.05	0.09
1999.....	126	18	37	35	36	0.28	0.04	0.09	0.08	0.08

\* 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-----										
1994.....	0.5	0.2	0.3	0.1	0.2	2.4	1.0	1.4	0.5	0.9
1995.....	0.6	0.2	0.3	0.1	0.2	2.4	1.0	1.4	0.5	0.9
1996.....	0.7	0.3	0.4	0.2	0.2	2.8	1.1	1.7	0.7	1.0
1997.....	0.7	0.3	0.4	0.2	0.2	2.6	1.1	1.5	0.6	0.9
1998.....	0.8	0.3	0.5	0.2	0.3	2.9	1.2	1.7	0.8	1.0
1999.....	0.6	0.2	0.4	0.2	0.2	2.0	0.8	1.3	0.5	0.7
-----End of quarter-----										
1996 Q3...	0.6	0.2	0.4	0.2	0.2	2.6	0.9	1.7	0.7	1.0
Q4...	0.7	0.3	0.4	0.2	0.2	2.8	1.1	1.7	0.7	1.0
1997 Q1...	0.8	0.4	0.4	0.2	0.2	3.2	1.4	1.8	0.8	1.0
Q2...	0.7	0.3	0.5	0.2	0.3	2.8	1.0	1.8	0.8	1.0
Q3...	0.6	0.2	0.4	0.2	0.2	2.3	0.8	1.4	0.6	0.8
Q4...	0.7	0.3	0.4	0.2	0.2	2.6	1.1	1.5	0.6	0.9
1998 Q1...	0.9	0.4	0.5	0.2	0.3	3.5	1.6	1.9	0.9	1.0
Q2...	0.7	0.3	0.5	0.2	0.2	2.6	1.0	1.6	0.8	0.8
Q3...	0.7	0.3	0.4	0.2	0.2	2.5	0.9	1.6	0.7	0.9
Q4...	0.8	0.3	0.5	0.2	0.3	2.9	1.2	1.7	0.8	1.0
1999 Q1...	1.1	0.5	0.6	0.3	0.3	3.6	1.6	2.0	0.9	1.0
Q2...	0.8	0.3	0.5	0.2	0.3	2.7	1.0	1.7	0.8	0.9
Q3...	0.7	0.2	0.5	0.2	0.3	2.3	0.8	1.5	0.7	0.8
Q4...	0.6	0.2	0.4	0.2	0.2	2.0	0.8	1.3	0.5	0.7

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
1992.....	44	7	11	16	10	0.23	0.038	0.058	0.079	0.049
1993.....	24	2	4	7	11	0.12	0.010	0.018	0.035	0.054
1994.....	10	1	1	3	6	0.05	0.003	0.003	0.013	0.026
1995.....	12	-0	3	6	4	0.05	-0.001	0.011	0.027	0.016
1996.....	7	0	1	2	4	0.03	0.000	0.003	0.009	0.017
1997.....	16	-1	-0	3	14	0.06	-0.003	-0.001	0.010	0.054
1998.....	6	-1	3	-0	5	0.02	-0.004	0.009	-0.000	0.016
1999.....	15	-0	3	5	7	0.05	-0.001	0.011	0.015	0.022

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

TABLE II.F

## DISTRIBUTION OF AGRICULTURAL BANKS BY THE SHARE OF THEIR LOANS THAT ARE NONPERFORMING\*

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-----							
1991.....	100.0	70.8	22.3	5.8	0.7	0.3	0.1
1992.....	100.0	76.2	18.8	3.9	0.8	0.2	0.0
1993.....	100.0	80.7	15.8	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	83.4	14.0	2.1	0.3	0.1	0.1
1996.....	100.0	81.9	15.4	2.3	0.2	0.1	0.1
1997.....	100.0	84.5	12.9	2.5	0.1	0.1	0.0
1998.....	100.0	81.7	15.1	2.8	0.3	0.0	0.1
1999.....	100.0	84.8	12.6	2.4	0.3	0.0	0.0
-----Percentage distribution, end of quarter-----							
1997 Q1...	100.0	79.1	16.7	3.7	0.4	0.1	0.1
Q2...	100.0	80.5	15.8	3.2	0.3	0.0	0.1
Q3...	100.0	81.8	15.2	2.7	0.2	0.1	0.1
Q4...	100.0	84.5	12.9	2.5	0.1	0.1	0.0
1998 Q1...	100.0	80.6	16.3	2.8	0.1	0.1	0.1
Q2...	100.0	80.8	15.9	2.9	0.3	0.1	0.0
Q3...	100.0	80.3	16.2	3.1	0.3	0.1	0.0
Q4...	100.0	81.7	15.1	2.8	0.3	0.0	0.1
1999 Q1...	100.0	77.2	17.8	4.5	0.5	0.0	0.0
Q2...	100.0	78.7	16.9	3.8	0.6	0.0	0.0
Q3...	100.0	80.4	15.9	3.4	0.3	0.0	0.0
Q4...	100.0	84.8	12.6	2.4	0.3	0.0	0.0

\* 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\*

	ALL 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)		
		NEGATIVE	0 TO	5 TO	10 TO	15 TO	20 TO	25 AND OVER	AGRI- CULTURAL BANKS	OTHER SMALL BANKS	AGRI- CULTURAL BANKS	OTHER SMALL BANKS	AGRI- CULTURAL BANKS	OTHER SMALL BANKS	AGRI- CULTURAL BANKS	OTHER SMALL BANKS
-----percentage distribution-----																
1991.....	100.0	4.3	7.6	32.2	39.2	13.3	2.5	0.9	10.9	8.8	1.0	0.7	0.4	0.8	10.1	9.2
1992.....	100.0	2.0	5.3	25.3	41.1	19.6	5.1	1.6	12.5	11.3	1.2	1.0	0.4	0.7	10.4	9.5
1993.....	100.0	1.6	5.9	27.8	40.4	18.4	4.6	1.3	12.3	12.3	1.2	1.1	0.2	0.4	10.8	9.9
1994.....	100.0	1.5	5.9	31.4	40.1	16.9	3.3	0.9	11.8	12.5	1.2	1.1	0.2	0.3	10.7	9.9
1995.....	100.0	1.4	5.7	37.1	39.6	13.4	2.3	0.6	11.2	12.1	1.2	1.2	0.2	0.3	11.2	10.4
1996.....	100.0	2.1	5.6	33.4	41.6	14.2	2.6	0.5	11.4	12.3	1.2	1.2	0.2	0.3	10.9	10.4
1997.....	100.0	1.6	5.9	34.5	39.7	14.2	3.1	1.1	11.4	12.3	1.2	1.2	0.2	0.3	11.0	10.5
1998.....	100.0	2.0	8.7	35.6	35.5	13.4	3.5	1.3	11.3	11.7	1.2	1.2	0.2	0.3	10.9	10.5
1999.....	100.0	2.9	7.9	34.8	33.3	14.2	4.9	1.9	11.8	11.9	1.2	1.1	0.3	0.3	10.5	10.3

## QUARTERLY

										-----YEAR TO DATE-----							
		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
1998	Q4...	**	**	**	**	**	**	**	**	11.4	12.3	1.2	1.2	0.2	0.3	11.0	10.5
	Q1...	**	**	**	**	**	**	**	**	3.0	3.3	0.3	0.3	0.0	0.1	11.2	10.5
	Q2...	**	**	**	**	**	**	**	**	6.1	6.4	0.6	0.6	0.1	0.1	11.2	10.7
	Q3...	**	**	**	**	**	**	**	**	8.9	9.1	1.0	0.9	0.1	0.2	11.4	10.8
	Q4...	**	**	**	**	**	**	**	**	11.3	11.7	1.2	1.2	0.2	0.3	10.9	10.5
1999	Q1...	**	**	**	**	**	**	**	**	2.9	3.0	0.3	0.3	0.0	0.1	11.0	10.5
	Q2...	**	**	**	**	**	**	**	**	6.0	6.1	0.6	0.6	0.1	0.1	10.8	10.4
	Q3...	**	**	**	**	**	**	**	**	9.1	8.9	0.9	0.9	0.2	0.2	10.8	10.4
	Q4...	**	**	**	**	**	**	**	**	11.8	11.9	1.2	1.1	0.3	0.3	10.5	10.3

\* 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	NUMBER OF BANKS	LOANS TO DEPOSITS
1994.....	3530	0.626	56	0.707	124	0.644	857	0.642	398	0.627	656	0.675	1012	0.618	360	0.476	52	0.784	17.10
1995.....	3352	0.639	53	0.720	118	0.657	816	0.652	375	0.651	619	0.682	959	0.634	344	0.489	53	0.740	16.83
1996.....	3239	0.656	49	0.771	113	0.684	795	0.680	363	0.663	609	0.699	928	0.643	313	0.491	52	0.735	16.45
1997.....	3101	0.685	45	0.747	113	0.704	759	0.719	346	0.698	574	0.725	890	0.680	312	0.523	49	0.661	16.44
1998.....	2968	0.683	40	0.763	99	0.709	733	0.711	321	0.693	558	0.715	868	0.681	289	0.529	48	0.660	16.34
1999.....	2866	0.718	41	0.849	93	0.738	715	0.750	300	0.718	538	0.738	838	0.715	277	0.564	48	0.724	15.67
Q4...	3101	0.685	45	0.747	113	0.704	759	0.719	346	0.698	574	0.725	890	0.680	312	0.523	49	0.661	16.44
1998 Q1...	3058	0.686	45	0.761	109	0.713	740	0.724	328	0.691	570	0.727	886	0.683	314	0.511	50	0.662	16.32
Q2...	3065	0.717	46	0.769	110	0.736	737	0.746	341	0.725	570	0.769	889	0.713	306	0.540	49	0.709	16.81
Q3...	3036	0.724	46	0.786	109	0.751	733	0.750	341	0.734	569	0.768	880	0.721	294	0.549	49	0.704	16.78
Q4...	2968	0.683	40	0.763	99	0.709	733	0.711	321	0.693	558	0.715	868	0.681	289	0.529	48	0.660	16.34
1999 Q1...	2957	0.689	42	0.793	100	0.719	720	0.719	317	0.688	550	0.723	868	0.684	297	0.532	48	0.692	16.04
Q2...	2872	0.718	41	0.849	93	0.738	716	0.750	302	0.719	539	0.738	838	0.715	279	0.566	48	0.724	16.26
Q3...	2918	0.735	44	0.844	106	0.746	716	0.765	319	0.745	547	0.775	846	0.721	275	0.567	51	0.737	16.23
Q4...	2866	0.718	41	0.849	93	0.738	715	0.750	300	0.718	538	0.738	838	0.715	277	0.564	48	0.724	15.67

\* 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	
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
1997.....	0	0	0	1	1
1998.....	0	0	1	0	1
1999.....	0	1	0	0	1
2000.....	0	**	**	**	**

\* 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

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### 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 original sample chosen in 1976 had 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 in the fourth quarter was on a par with that seen of the past few years. Survey respondents also reported that rates of loan repayment through the fall of 1999 were as high, or slightly better than at the end of 1998. All districts noted that the incidence of renewals and extensions of loans, which had surged in most of these districts earlier in 1999, had fallen back by the end of the year to more typical levels. In general, the proportion of bankers that reported higher collateral requirements moved back towards the norm of recent years, suggesting a bit of an easing of concerns about repayment prospects that had been evident earlier in the year.

Scanning through reported expectations for the first quarter of 2000, loans for farm machinery are anticipated to remain quite weak in all districts that report these data, likely reflecting cautious equipment spending by farmers in the face of weak farm returns. Bankers in the Chicago and Dallas districts anticipate loans for feeder cattle to pick up. Despite the high level of the ratio of loans to deposits, which also was noted in section II, few bankers noted that the ratio was higher than desired.

Rates of interest reported in these Reserve bank surveys generally moved up in the fourth quarter of 1999, with the exception of the Richmond district. As discussed in section I of the Databook, estimated rates increased some more in the first quarter of 2000, suggesting that coming Reserve bank surveys should show a tendency to increase as well.

Relative to one year earlier, nominal prices of nonirrigated farmland in the fourth quarter moved up in all districts except Richmond. Year-on-year increases ranged from 1 percentage point in the Chicago and Kansas City districts to 5 percent in the Minneapolis district. Changes in prices for irrigated land were a bit smaller, ranging from a 5 percent drop in the Dallas district to 2 percent increases in the Kansas City and Minneapolis districts. Prices for ranch land rose 2 to 3 percent in all districts that report this series.

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
<b>III.A1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT ( IL*, IN*, IA, MI*, WI* ) AGRICULTURAL BANKS</b>															
1997 Q4...	14	52	34	11	69	20	19	68	14	14	72	14	1	90	9
1998 Q1...	8	49	42	12	64	24	27	64	9	8	64	29	1	89	11
Q2...	15	44	42	13	71	16	31	65	4	3	64	33	1	86	14
Q3...	19	46	35	10	75	14	43	53	3	3	56	41	1	80	19
Q4...	20	47	34	6	66	28	51	42	7	7	45	48	0	75	25
1999 Q1...	19	42	39	8	65	27	63	35	2	4	39	57	0	69	31
Q2...	21	44	36	10	72	18	52	45	3	3	44	53	0	70	30
Q3...	22	46	32	17	71	12	41	55	4	3	53	44	0	74	26
Q4...	22	50	28	12	71	17	39	51	10	7	54	39	0	75	25
<b>III.A2 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT ( CO, KS, MO*, NE, NM*, OK, WY ) AGRICULTURAL BANKS</b>															
1997 Q4...	6	60	34	16	72	13	13	76	12	9	79	12	0	92	8
1998 Q1...	5	69	25	12	68	20	15	76	9	6	79	15	0	91	9
Q2...	7	63	30	16	69	15	25	72	3	4	74	22	***	***	***
Q3...	14	59	26	16	69	15	44	55	2	2	60	38	1	79	20
Q4...	13	66	20	9	73	18	47	51	2	3	56	41	1	80	19
1999 Q1...	15	66	20	9	68	22	46	53	1	3	52	45	2	79	19
Q2...	14	66	20	10	73	17	31	66	3	3	67	30	1	86	13
Q3...	18	60	22	22	66	12	29	68	3	3	69	28	1	86	13
Q4...	17	67	17	16	69	15	24	66	10	8	70	22	1	84	15
<b>III.A3 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT ( LA*, NM*, TX )</b>															
1997 Q4...	16	58	26	3	74	24	21	60	19	15	64	21	0	82	18
1998 Q1...	14	62	24	3	76	21	16	71	13	14	69	16	2	86	13
Q2...	24	49	27	4	70	26	29	64	8	9	64	26	0	82	18
Q3...	28	50	22	5	71	24	52	45	3	3	51	46	1	73	26
Q4...	17	54	30	2	77	22	52	42	7	3	44	52	0	69	31
1999 Q1...	27	49	25	5	72	22	48	48	4	4	43	52	0	66	34
Q2...	22	63	15	2	74	24	25	63	12	8	61	31	0	74	26
Q3...	29	52	19	5	80	15	27	62	11	10	64	27	1	73	27
Q4...	27	55	18	4	75	21	24	52	24	22	52	26	0	75	25

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* )															
1997 Q4...	***	***	***	15	58	27	24	58	18	12	70	18	0	82	18
1998 Q1...	***	***	***	13	59	28	35	54	11	4	64	32	0	77	23
Q2...	***	***	***	15	66	19	44	52	4	3	61	36	2	70	28
Q3...	***	***	***	27	56	17	52	42	6	5	57	38	0	73	27
Q4...	***	***	***	12	63	24	45	46	8	2	59	39	0	75	25
1999 Q1...	***	***	***	8	71	21	56	34	10	6	47	45	0	74	26
Q2...	***	***	***	11	64	25	52	41	7	3	47	49	0	68	32
Q3...	***	***	***	14	71	15	59	39	2	7	44	48	0	66	33
Q4...	***	***	***	10	67	23	26	62	12	8	70	22	0	80	20
III.A5 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT ( MD, NC, SC, VA, WV* )															
1997 Q4...	13	70	18	5	60	35	18	78	5	13	70	18	0	85	15
1998 Q1...	8	73	20	0	73	28	10	88	3	8	80	13	3	85	13
Q2...	13	73	13	6	71	23	16	77	6	6	74	19	0	81	19
Q3...	29	64	7	0	75	25	21	71	7	7	75	18	0	71	29
Q4...	19	68	13	3	65	32	35	55	10	10	55	35	0	71	29
1999 Q1...	41	59	0	3	69	28	24	76	0	7	72	21	0	68	32
Q2...	19	81	0	4	67	30	4	93	4	4	89	7	0	81	19
Q3...	26	63	11	11	66	23	26	71	3	3	71	26	0	77	23
Q4...	25	61	14	19	69	11	31	67	3	8	58	33	0	69	31

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																		
1997 Q4...	9	54	37	24	69	8	24	69	7	12	62	26	5	49	46	11	53	36
1998 Q1...	11	51	38	33	61	6	22	67	11	13	64	23	7	43	50	17	56	27
Q2...	14	59	26	38	59	3	24	68	8	12	64	24	7	51	42	33	56	11
Q3...	21	39	40	38	52	10	20	71	9	12	33	55	9	39	52	68	27	5
Q4...	12	48	40	31	65	4	14	76	10	32	59	9	9	34	57	55	36	9
1999 Q1...	17	43	39	27	65	8	20	70	10	35	58	7	11	33	56	63	31	6
Q2...	22	50	28	29	65	6	19	73	9	36	51	13	11	43	46	65	30	5
Q3...	19	50	31	22	60	18	15	75	10	22	57	21	13	46	41	62	33	5
Q4...	15	55	31	18	58	24	21	68	11	29	62	8	8	46	46	53	39	9
III.B2 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)																		
1997 Q4...	14	62	25	14	69	17	24	72	4	18	68	14	11	57	32	17	67	16
1998 Q1...	16	63	20	25	68	7	17	71	7	17	78	6	15	64	21	21	59	20
Q2...	30	51	19	34	58	8	20	79	0	10	76	15	23	53	23	32	58	10
Q3...	32	48	20	37	56	7	19	78	3	21	58	21	24	46	30	41	54	5
Q4...	26	49	25	34	53	13	15	78	6	17	68	14	23	49	28	40	50	10
1999 Q1...	29	50	21	21	64	14	15	79	5	15	76	9	23	50	26	43	49	8
Q2...	24	61	16	20	64	16	17	71	6	15	68	17	19	56	25	26	61	13
Q3...	23	60	17	24	58	17	23	76	1	24	61	14	20	56	24	34	58	8
Q4...	25	58	17	24	56	21	13	82	5	15	72	13	19	63	17	30	60	10
III.B3 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)																		
1997 Q4...	7	77	17	13	83	4	20	70	10	17	79	3	8	66	26	18	66	16
1998 Q1...	8	75	17	20	76	4	9	87	4	13	81	6	8	74	18	18	70	13
Q2...	18	79	4	27	68	5	15	80	5	17	70	13	10	77	13	29	58	13
Q3...	15	69	15	0	95	5	21	79	0	19	62	19	11	71	18	43	46	11
Q4...	27	65	8	18	82	0	5	95	0	19	65	15	13	80	7	40	60	0
1999 Q1...	30	65	4	13	87	0	25	75	0	26	65	9	33	56	11	45	55	0
Q2...	39	57	4	20	80	0	37	53	11	30	60	10	44	52	4	44	52	4
Q3...	42	45	13	26	74	0	35	65	0	40	48	12	29	56	15	49	49	3
Q4...	23	61	16	22	74	4	42	58	0	34	66	0	23	57	20	40	57	3

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)

	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
III.B4 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT ( MI*, MN, MT, ND, SD, WI*)															
1997 Q3...	28	62	10	18	73	10	28	58	14	7	67	27	25	58	17
Q4...	31	63	7	18	75	7	24	60	16	7	74	19	24	63	14
1998 Q1...	38	58	4	18	72	9	26	56	18	8	65	27	22	63	15
Q2...	32	67	1	13	80	7	25	58	17	8	65	27	36	58	7
Q3...	38	50	13	37	55	9	33	52	15	9	58	34	59	37	4
Q4...	28	66	7	28	64	9	27	57	16	6	70	24	46	52	2
1999 Q1...	20	76	3	25	67	8	32	55	13	4	68	28	51	46	3
Q2...	26	64	9	36	51	13	32	49	19	11	57	32	61	33	5
Q3...	39	58	3	44	50	6	40	48	12	15	56	29	65	33	2
Q4...	18	72	10	30	65	5	33	57	11	12	67	22	56	41	3

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

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					
						COMPARED WITH A YEAR EARLIER				COMPARED WITH A YEAR EARLIER					
				NONE	LOWER	SAME	HIGHER	NONE	LOWER	SAME	HIGHER	NONE	LOWER	SAME	HIGHER
<b>III.C1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT ( IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS</b>															
1997 Q4...	71	44	36	21	***	***	***	***	***	***	***	***	***	***	***
1998 Q1...	69	43	39	18	***	***	***	***	***	***	***	***	***	***	***
Q2...	73	43	34	22	***	***	***	***	***	***	***	***	***	***	***
Q3...	72	39	38	22	***	***	***	***	***	***	***	***	***	***	***
Q4...	70	50	34	16	***	***	***	***	***	***	***	***	***	***	***
1999 Q1...	70	58	27	14	***	***	***	***	***	***	***	***	***	***	***
Q2...	72	49	35	15	***	***	***	***	***	***	***	***	***	***	***
Q3...	73	42	33	25	***	***	***	***	***	***	***	***	***	***	***
Q4...	73	47	32	21	***	***	***	***	***	***	***	***	***	***	***
<b>III.C2 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT ( CO, KS, MO*, NE, NM*, OK, WY) AGRICULTURAL BANKS</b>															
1997 Q4...	66	51	7	31	1	69	78	7	88	6	73	9	83	8	
1998 Q1...	66	54	8	27	1	70	78	7	89	4	70	8	82	10	
Q2...	68	54	8	31	2	66	78	***	***	***	73	***	***	***	
Q3...	68	53	8	32	3	63	79	7	88	5	74	6	80	13	
Q4...	67	56	11	27	2	65	79	7	89	5	72	6	80	14	
1999 Q1...	66	61	7	26	2	66	79	5	91	4	67	4	81	15	
Q2...	66	63	9	27	1	74	80	7	88	5	66	8	79	13	
Q3...	68	59	10	32	3	71	80	6	90	4	71	7	84	9	
Q4...	68	57	9	32	4	68	81	5	90	5	76	9	83	8	
<b>III.C3 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT ( LA*, NM*, TX)</b>															
1997 Q4...	50	***	***	***	1	***	***	9	84	7	***	12	80	8	
1998 Q1...	49	***	***	***	0	***	***	18	75	8	***	17	69	14	
Q2...	53	***	***	***	4	***	***	8	85	6	***	8	81	11	
Q3...	53	***	***	***	1	***	***	9	86	4	***	6	81	13	
Q4...	51	***	***	***	1	***	***	12	79	8	***	8	74	18	
1999 Q1...	51	***	***	***	0	***	***	8	81	11	***	8	72	20	
Q2...	51	***	***	***	1	***	***	8	84	8	***	7	75	18	
Q3...	53	***	***	***	1	***	***	12	78	10	***	9	78	13	
Q4...	52	***	***	***	1	***	***	6	79	15	***	7	77	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	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*)														
1997 Q4...	72	***	***	***	13	***	***	35	61	4	***	36	52	12
1998 Q1...	73	***	***	***	7	***	***	34	62	4	***	28	58	14
Q2...	74	***	***	***	12	***	***	29	66	5	***	27	62	11
Q3...	74	***	***	***	10	***	***	27	67	6	***	24	64	12
Q4...	71	56	15	29	9	***	***	7	85	7	***	7	81	11
1999 Q1...	69	68	9	24	10	***	***	3	91	6	***	3	68	28
Q2...	70	73	11	16	4	***	***	6	88	6	***	4	78	18
Q3...	70	63	11	26	5	***	***	7	85	8	***	7	80	13
Q4...	71	64	10	26	3	***	***	10	82	8	***	9	84	7
III.C5 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT ( MD, NC, SC, VA, WV*)														
1997 Q4...	73	41	51	8	0	73	87	0	13	0	74	0	15	10
1998 Q1...	72	46	41	14	0	78	92	0	8	0	83	3	8	6
Q2...	73	48	48	3	0	81	93	0	7	0	100	0	0	0
Q3...	72	62	35	4	0	70	96	0	4	0	85	0	11	4
Q4...	73	63	30	7	0	71	93	0	7	0	83	0	13	3
1999 Q1...	74	62	28	10	0	64	78	4	15	4	74	4	19	4
Q2...	73	54	42	4	0	74	88	8	4	0	84	8	8	0
Q3...	74	46	46	9	0	66	88	3	9	0	76	3	12	9
Q4...	75	38	44	18	0	63	88	3	6	3	77	3	13	6

+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".



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

INTEREST RATES ON FARM LOANS

MOST COMMON INTEREST RATE ON FARM LOANS

(AVERAGE, PERCENT)

	FEEDER CATTLE LOANS	OTHER OPERATING LOANS	INTER- MEDIATE NONREAL ESTATE	LONG-TERM REAL ESTATE LOANS
<b>III.D1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT (IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS</b>				
1997 Q4...	9.6	9.6	***	8.7
1998 Q1...	9.5	9.5	***	8.4
Q2...	9.5	9.5	***	8.5
Q3...	9.4	9.4	***	8.3
Q4...	9.1	9.1	***	8.1
1999 Q1...	9.0	9.0	***	8.1
Q2...	9.1	9.1	***	8.2
Q3...	9.3	9.3	***	8.4
Q4...	9.4	9.4	***	8.6
<b>III.D2 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT (CO, KS, MO*, NE, NM*, OK) AGRICULTURAL BANKS</b>				
1997 Q4...	9.8	9.9	9.3	9.3
1998 Q1...	9.8	9.9	9.8	9.2
Q2...	9.8	9.9	9.8	9.2
Q3...	9.7	9.8	9.7	9.1
Q4...	9.4	9.6	9.4	8.8
1999 Q1...	9.4	9.5	9.3	8.7
Q2...	9.5	9.7	9.5	8.9
Q3...	9.6	9.8	9.6	9.1
Q4...	9.7	9.9	9.7	9.2

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)

	FEEDER CATTLE LOANS	OTHER OPERATING LOANS	INTER- MEDIATE NONREAL ESTATE	LONG-TERM REAL ESTATE LOANS
<b>III.D3 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT (MI*, MN, MT, ND, SD, WI*)</b>				
1997 Q4...	***	10.0	10.0	9.4
1998 Q1...	***	9.9	9.8	9.4
Q2...	***	9.9	9.8	9.7
Q3...	***	9.8	9.7	9.6
Q4...	***	9.6	9.5	8.8
1999 Q1...	***	9.5	9.4	8.6
Q2...	***	9.5	9.4	8.7
Q3...	***	9.5	9.4	8.7
Q4...	***	9.7	9.7	9.0
<b>III.D4 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)</b>				
1997 Q4...	10.5	10.6	10.4	9.7
1998 Q1...	10.5	10.5	10.4	9.7
Q2...	10.4	10.5	10.2	9.6
Q3...	10.3	10.4	10.2	9.6
Q4...	9.9	10.1	9.9	9.3
1999 Q1...	9.9	10.0	9.8	9.2
Q2...	10.0	10.0	9.8	9.3
Q3...	10.2	10.2	10.1	9.5
Q4...	10.4	10.5	10.1	9.6
<b>III.D5 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)</b>				
1997 Q4...	9.8	9.7	9.6	9.2
1998 Q1...	9.9	9.7	9.4	9.2
Q2...	9.8	9.6	9.3	9.2
Q3...	9.5	9.2	9.1	9.0
Q4...	9.3	9.0	8.9	8.7
1999 Q1...	9.2	9.0	8.9	8.6
Q2...	9.4	9.3	8.9	8.6
Q3...	9.4	9.5	9.3	9.1
Q4...	9.6	9.6	9.5	9.2

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

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 DURING THE NEXT QUARTER, COMPARED TO YEAR EARLIER (PERCENTAGE OF BANKS)		
	PERCENTAGE CHANGE DURING QUARTER				PERCENTAGE CHANGE FROM A YEAR EARLIER				DOWN	STABLE	UP	LOWER	SAME	HIGHER	
	ALL	DRY- LAND	IRRI- GATED	RANCH- LAND	ALL	DRY- LAND	IRRI- GATED	RANCH- LAND							
<b>III.E1 SEVENTH (CHICAGO) FEDERAL RESERVE DISTRICT (IL*, IN*, IA, MI*, WI*) AGRICULTURAL BANKS</b>															
1997 Q4...	2	***	***	***	10	***	***	***	2	62	36	11	62	27	
1998 Q1...	2	***	***	***	10	***	***	***	10	76	15	17	57	26	
Q2...	0	***	***	***	8	***	***	***	17	67	16	25	61	14	
Q3...	-1	***	***	***	4	***	***	***	51	40	9	45	47	8	
Q4...	0	***	***	***	1	***	***	***	43	50	8	31	53	16	
1999 Q1...	0	***	***	***	0	***	***	***	41	50	9	30	54	17	
Q2...	1	***	***	***	0	***	***	***	45	47	8	36	54	9	
Q3...	0	***	***	***	2	***	***	***	33	61	7	34	54	12	
Q4...	2	***	***	***	1	***	***	***	22	71	8	28	59	13	
<b>III.E2 FIFTH (RICHMOND) FEDERAL RESERVE DISTRICT (MD, NC, SC, VA, WV*)</b>															
1997 Q4...	5	***	***	***	41	***	***	***	5	88	8	18	77	5	
1998 Q1...	-1	***	***	***	19	***	***	***	3	74	23	16	70	14	
Q2...	3	***	***	***	20	***	***	***	10	81	10	20	67	13	
Q3...	-10	***	***	***	-4	***	***	***	7	89	4	29	61	11	
Q4...	6	***	***	***	-3	***	***	***	13	81	6	34	66	0	
1999 Q1...	2	***	***	***	1	***	***	***	3	83	14	36	64	0	
Q2...	5	***	***	***	2	***	***	***	4	78	19	31	65	4	
Q3...	-24	***	***	***	-13	***	***	***	14	66	20	32	62	6	
Q4...	7	***	***	***	-12	***	***	***	9	74	17	33	58	9	
<b>III.E3 ELEVENTH (DALLAS) FEDERAL RESERVE DISTRICT (LA*, NM*, TX)</b>															
1997 Q4...	***	2	1	4	***	2	5	1	***	***	***	15	69	16	
1998 Q1...	***	-1	-1	-1	***	-0	1	2	***	***	***	12	73	15	
Q2...	***	1	2	7	***	2	2	7	***	***	***	23	67	10	
Q3...	***	-2	0	6	***	0	3	16	***	***	***	27	66	7	
Q4...	***	1	5	9	***	-0	6	21	***	***	***	26	60	13	
1999 Q1...	***	1	-2	-5	***	1	4	17	***	***	***	28	61	10	
Q2...	***	-0	-3	-1	***	-0	-0	8	***	***	***	20	63	17	
Q3...	***	2	-2	0	***	3	-3	2	***	***	***	26	66	8	
Q4...	***	0	1	10	***	3	-5	3	***	***	***	27	62	11	

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)			LOWER	SAME	HIGHER		
	DRY- ALL LAND	IRRI- GATED LAND	RANCH- LAND	DRY- ALL LAND	IRRI- GATED LAND	RANCH- LAND	DOWN	STABLE	UP					
III.E4 TENTH (KANSAS CITY) FEDERAL RESERVE DISTRICT (CO, KS, MO*, NE, NM*, OK, WY)														
1997 Q4...	***	2	1	0	***	5	5	7	***	***	***	***	***	***
1998 Q1...	***	2	3	3	***	6	7	7	***	***	***	***	***	***
Q2...	***	0	0	3	***	6	5	9	***	***	***	***	***	***
Q3...	***	-1	-1	-2	***	4	3	5	***	***	***	***	***	***
Q4...	***	-1	-1	0	***	1	1	5	***	***	***	***	***	***
1999 Q1...	***	0	0	-0	***	-1	-1	1	***	***	***	***	***	***
Q2...	***	0	1	0	***	-1	-1	-2	***	***	***	***	***	***
Q3...	***	-0	-1	1	***	-0	-0	1	***	***	***	***	***	***
Q4...	***	1	1	3	***	1	2	3	***	***	***	***	***	***
III.E5 NINTH (MINNEAPOLIS) FEDERAL RESERVE DISTRICT (MI*, MN, MT, ND, SD, WI*)														
1997 Q4...	***	***	***	***	***	3	3	3	***	***	***	24	60	16
1998 Q1...	***	***	***	***	***	7	6	7	***	***	***	26	56	18
Q2...	***	***	***	***	***	5	3	5	***	***	***	25	58	17
Q3...	***	***	***	***	***	3	2	5	***	***	***	33	52	15
Q4...	***	***	***	***	***	3	-0	2	***	***	***	27	57	16
1999 Q1...	***	***	***	***	***	3	-1	1	***	***	***	32	55	13
Q2...	***	***	***	***	***	4	2	4	***	***	***	32	49	19
Q3...	***	***	***	***	***	6	1	2	***	***	***	40	48	12
Q4...	***	***	***	***	***	5	2	2	***	***	***	33	57	11