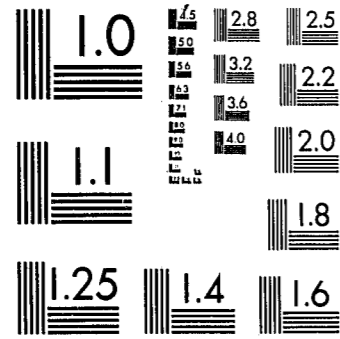


MF-1

National Criminal Justice Reference Service



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National Institute of Justice  
United States Department of Justice  
Washington, D. C. 20531

DATE FILMED

12/01/81

79259

FARM RELATED THEFT IN IOWA  
1979

d by: Iowa Statistical Analysis Center  
523 E. 12th Street  
Des Moines, Iowa 50319

February, 1981

U.S. Department of Justice  
National Institute of Justice

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## SUMMARY

Believing that farm theft in Iowa warranted regular examination, the Department of Public Safety in 1979 revised its annual Uniform Crime Report to include more information on farm-related theft.

An analysis of this new information revealed that farm-related theft accounted for only 4.9 percent of the total dollar loss from thefts in the State. An average of one farm in 61 reported losses to theft in 1979.

Counties suffering the highest percentages of dollar loss due to farm theft tended to be the smaller, rural counties primarily located along the southern border and in the western portion of the State. The farm property most frequently stolen included livestock, other farm supplies, and farm machinery. Other farm supplies included such items as farm machinery parts, seed grain, commercial livestock feed, livestock feeders, confinement materials, etc. While livestock and farm machinery (tractors, plows, cultivators, rakes, discs, etc.) are stolen because of their high value and easy marketability, other farm supplies are most likely stolen because they are easily stolen (with low risk of apprehension) and have high usability.

Few geographic patterns emerged in examining farm losses. The major concentration of cattle theft occurred in the south central and northeastern areas of the State. Thefts of hogs and other livestock had slightly heavier concentrations in the central portion of the State. Theft of farm machinery was distributed fairly evenly throughout the State, while grain theft was concentrated along the southern border. Farm chemical losses were most noticeable in the north central area, with thefts of other farm supplies heaviest in eastern Iowa.

Overall, about 17.5% of the property (value) stolen was recovered. Farm machinery and other livestock were the most often recovered items -- in terms of value -- possibly due to the fact that machinery and livestock may be tagged for identification purposes. No striking geographic patterns were found in examining recovery rates.

While losses due to farm theft do not comprise a large percentage of Iowa's theft loss, collection of data on farm-related theft should continue to help in identifying methods and programs to assist in reducing losses due to farm-related theft.

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ACQUISITIONS

## INTRODUCTION

Because of the agricultural character of much of the State, there has been considerable concern voiced in Iowa in recent years about the nature and magnitude of farm-related theft. Until recently, however, discussion of this problem was speculative, at best, because of the lack of any reliable statewide information on the subject.

As a first step to remedy this situation, the Iowa Department of Public Safety in 1977 initiated a pilot project to collect some basic data pertaining to farm implement and supply theft. Data were received from law enforcement agencies in the course of this study, resulting in the 1978 publication of a report entitled "Farm Implement and Supply Theft in Iowa."

As this project was underway, the Department was also taking steps to modify its annual Uniform Crime Report to include more information than previously available on farm-related theft. The result was the collection and presentation of the first systematic data relating to farm implement and supply theft in the 1979 Iowa Uniform Crime Report, released in October, 1980. Credit is due the Department for the foresight it demonstrated in making Iowa the first state to regularly include examination of farm-related crime as a routine part of its annual report on crime.

## METHODOLOGY

Data on crimes and arrests are submitted monthly on standardized reporting forms to the Department of Public Safety by 224 law enforcement agencies in Iowa. Included in these data are reports of the number of farm thefts, the value of farm property stolen, and the value of farm property recovered for each of seven categories: cattle, hogs, other livestock, farm machinery, grain, farm chemicals, and other farm supplies. After publication of the 1979 Iowa Uniform Crime Report, the Department made the data files relating to farm theft available to the Statistical Analysis Center. This report is the result of computer analysis of these data, and includes examination of data at the agency, county, and state levels.

## RESULTS

Since Iowa is one of the major agricultural states in the United States, it was thought that the farmers in the State might suffer substantial losses due to farm implement and supply theft. However, when the data were scrutinized, it was discovered that farm thefts accounted for only 4.9% of the total dollar loss from thefts in the State. Considering the degree to which Iowa's economy is dependent upon agriculture, this percentage is surprisingly small. Put another way, when the 1,989 reported farm thefts are distributed among Iowa's 121,000<sup>1</sup> farms, one farm in 61 reported victimizations. Using dollar losses, the \$2,185,615 stolen divides up as \$18.06 per farm.

Table 1 lists the dollar amount of farm property stolen for each county, ranked in descending order. Figure 1 is based upon Table 1, and identifies the 15 counties<sup>2</sup> suffering the greatest loss to farm-related thefts. The populations of these 15 counties range from 8,221 (Taylor) to 166,919 (Linn). Six of the counties are under 20,000 population, while the other nine are over 20,000 population. Most are located in either the western portion of the state or close to the eastern border.

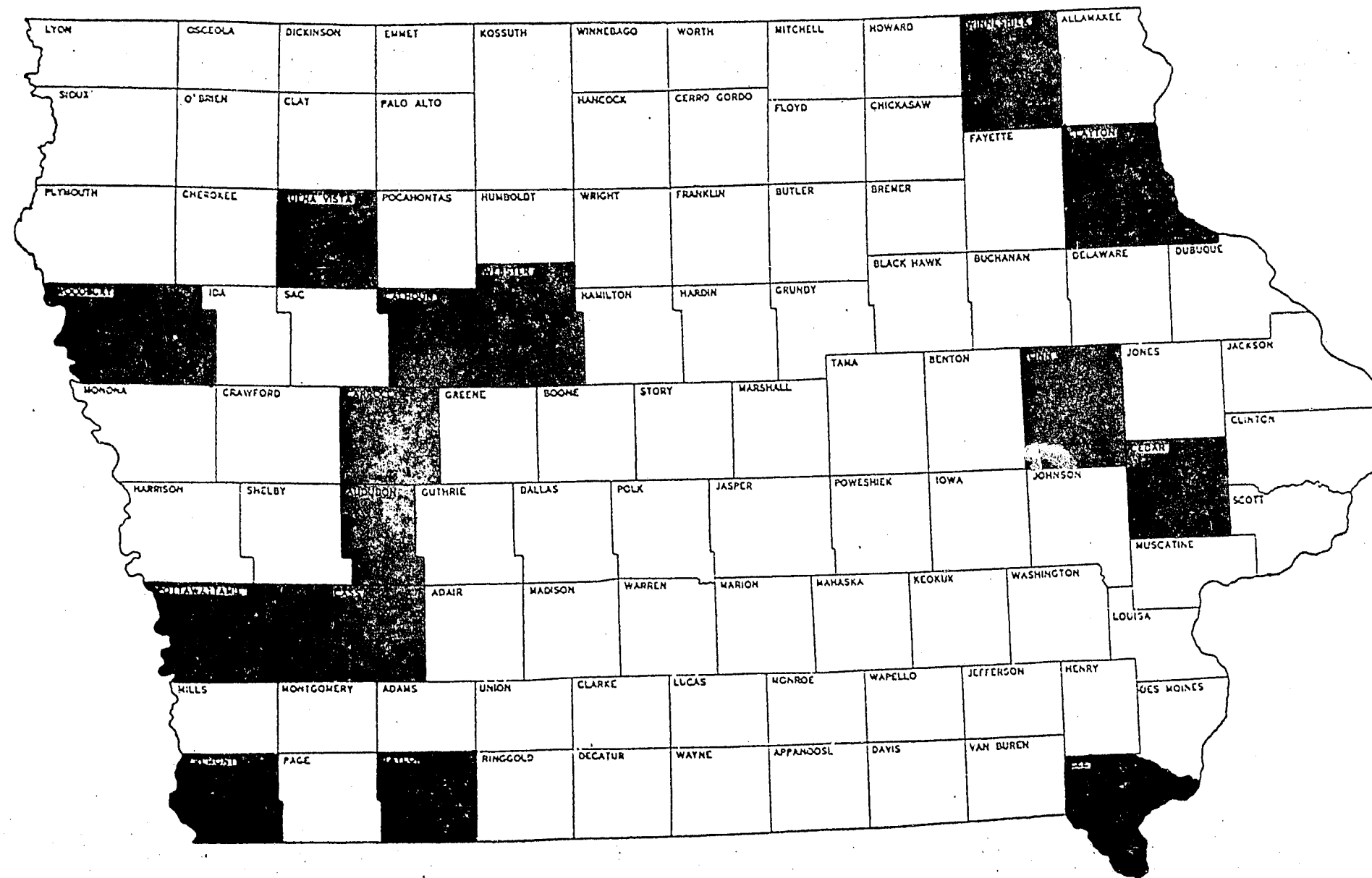
<sup>1</sup> Iowa Department of Agriculture figures as of January 1, 1979.

<sup>2</sup> Fifteen counties are listed here (rather than ten, as found elsewhere) because no good "cutoff point" was found between the counties ranked tenth through fifteenth.

TABLE 1  
 Dollar Amount of Farm Property Stolen  
 By County, 1979  
 (Ranked in Descending Order)

Rank	County	Amount	Rank	County	Amount
1	Taylor	\$129,655	51	Sioux	\$ 16,563
2	Carroll	105,713	52	Union	16,515
3	Linn	61,167	53	Polk	16,112
4	Clayton	61,083	54	Delaware	15,852
5	Cass	52,412	55	Jones	15,376
6	Webster	51,886	56	Buchanan	15,371
7	Cedar	47,450	57	Harrison	15,251
8	Pottawattamie	45,352	58	Humboldt	15,063
9	Buena Vista	44,380	59	Guthrie	14,865
10	Winneshiek	43,918	60	Tama	14,835
11	Woodbury	43,802	61	Johnson	14,128
12	Fremont	43,670	62	Monona	13,587
13	Audubon	43,265	63	Butler	13,499
14	Lee	42,951	64	Decatur	12,753
15	Calhoun	42,149	65	Allamakee	12,629
16	Clinton	39,472	66	Lucas	11,780
17	Plymouth	39,190	67	Story	11,280
18	Jackson	38,425	68	Poweshiek	11,074
19	Jasper	37,170	69	Black Hawk	10,565
20	Chickasaw	34,987	70	Muscatine	10,550
21	Kossuth	32,970	71	Ida	9,658
22	Henry	32,462	72	Hancock	9,501
23	Monroe	32,095	73	Dallas	8,710
24	Keokuk	31,036	74	Adair	8,441
25	Wayne	28,355	75	Howard	7,912
26	Shelby	28,350	76	Louisa	7,860
27	Ringgold	27,705	77	Palo Alto	7,061
28	Bremer	27,582	78	Pocahontas	6,942
29	Montgomery	27,419	79	Scott	6,557
30	Dubuque	26,907	80	Wright	6,440
31	Washington	24,080	81	Cherokee	6,265
32	Adams	23,573	82	Clarke	6,150
33	Benton	23,415	83	Dickinson	6,144
34	Clay	23,320	84	Franklin	5,632
35	Jefferson	23,117	85	Winnebago	5,192
36	Greene	22,122	86	Mills	5,155
37	Page	22,069	87	Hardin	4,881
38	Cerro Gordo	22,063	88	Grundy	4,375
39	Wapello	21,715	89	Boone	3,670
40	Fayette	20,719	90	Madison	3,500
41	Van Buren	20,699	91	Marshall	3,357
42	Des Moines	20,521	92	Floyd	3,070
43	O'Brien	20,463	93	Worth	2,507
44	Appanoose	20,462	94	Hamilton	2,355
45	Sac	20,070	95	Crawford	2,232
46	Warren	19,225	96	Mitchell	1,530
47	Marion	18,078	97	Osceola	800
48	Iowa	18,078	98	Lyon	450
49	Mahaska	17,558	99	Emmet	000
50	Davis	17,295			

FIGURE 1  
 FIFTEEN COUNTIES WITH THE HIGHEST VALUE OF FARM PROPERTY STOLEN  
 IOWA, 1979



While there thus does not appear to be any striking patterns in the geographic distribution of dollar losses, when the amount of farm property stolen is compared to the amount of total property stolen, a pattern begins to emerge.

Table 2 lists the ten counties with the highest percentage of farm property stolen. These counties range in size from a population of 6,216 (Adams) to 23,559 (Carroll), with six having populations under 10,000. These counties, for the most part, consist of small, rural farming communities. They all experienced farm theft percentages in excess of 30 percent, with Taylor County reporting that over three-fourths of their total thefts involved farm implements and supplies. Figure 2 shows that seven of these counties are located in the southwestern and west central portion of the state. Figure 3 displays the percentage of farm property stolen for each county in the state. A pattern similar to that in Figure 2 emerges.

Table 3 lists the average dollar loss per farm theft incident for each county, in descending order. Eight of the top ten counties have populations under 20,000. Geographically, the counties are located in the southwestern and southeastern portions of the State, as evidenced in Figure 4. It is evident from these tables and figures that the majority of Iowa's farm implement and supply thefts are occurring in smaller counties located primarily in the southern half of the State where farming is the major economic activity.

Data were collected on seven categories of farm-related theft. Cattle, hogs, and other livestock comprise the first three categories; the others are farm machinery, grain, farm chemicals, and other farm supplies. Figures 5 through 11 display the counties which experienced dollar losses due to theft for each category.

Figure 5 shows that the major concentration of cattle theft is in the south central and northeastern areas of the state. Thefts of hogs occur in all areas of the state, with a slightly heavier concentration existing in the central portion of the State, as evidenced in Figure 6. Figure 7 shows that the majority of other livestock stolen came from the central area of the State, with the exception of Osceola County in the northwest and Scott County in the southeast. Farm machinery theft is distributed evenly throughout the State except for a block in the center, as shown in Figure 8. The major concentration of grain theft is found in four counties on the southern border of Iowa, with the exception of Mitchell County on the northern border, where the highest percent value of grain loss occurred (Figure 9). The largest percent of dollar loss due to the theft of farm chemicals occurred in the north central counties (as shown in Figure 10), while the majority of thefts of other farm supplies occurred in the eastern section of Iowa, (Figure 11).

While Figures 5 through 11 show the geographical distribution of individual types of farm theft, Tables 4 and 5 provide information on the magnitude of those thefts. When looking at just the number of thefts, Table 4 shows that other farm supplies ranked first with 570 reported incidents. Cattle and farm machinery ranked second and third respectively. Each of these types of theft accounts for at least one-fifth of all the farm thefts. Together, they account for 71 percent of all farm theft incidents.

Table 5 presents a clear picture in terms of the impact of farm theft, displaying the value of property stolen for each category, and their percentages. Farm machinery clearly ranks first here, accounting for almost one-third of all monetary loss due to farm theft.

TABLE 2  
Percent of Farm Property Stolen  
By County, 1979  
(Ranked in Descending Order)

Rank	County	Percent	Rank	County	Percent
1	Taylor	78.8%	51	Tama	08.1%
2	Audubon	48.6%	52	Sioux	08.0%
3	Clayton	40.1%	53	Marion	07.8%
4	Ringgold	38.2%	54	Harrison	07.6%
5	Van Buren	35.4%	55	Allamakee	07.6%
6	Adams	34.0%	56	Jasper	06.9%
7	Carroll	33.0%	57	Mahaska	06.7%
8	Chickasaw	32.5%	58	Clarke	06.7%
9	Fremont	30.9%	59	Fayette	06.2%
10	Calhoun	30.8%	60	Wright	06.2%
11	Monroe	29.4%	61	Sac	06.1%
12	Wayne	28.8%	62	Webster	05.8%
13	Keokuk	27.0%	63	Palo Alto	05.7%
14	Jackson	25.4%	64	Cherokee	05.0%
15	Cedar	25.0%	65	Buchanan	05.0%
16	Guthrie	25.0%	66	Franklin	04.8%
17	Decatur	25.0%	67	Louisa	04.6%
18	Cass	24.1%	68	Lyon	04.1%
19	Davis	24.0%	69	Clinton	04.1%
20	Shelby	22.9%	70	Dickinson	03.9%
21	Plymouth	21.7%	71	Poweshiek	03.7%
22	Kossuth	19.7%	72	Winnebago	03.6%
23	Pocahontas	18.8%	73	Worth	03.6%
24	Adair	18.3%	74	Des Moines	03.5%
25	Henry	18.1%	75	Floyd	03.4%
26	Iowa	17.1%	76	Warren	03.4%
27	Ida	16.7%	77	Wapello	03.4%
28	Montgomery	15.7%	78	Madison	03.2%
29	Buena Vista	14.9%	79	Mills	03.1%
30	Jefferson	14.8%	80	Woodbury	02.8%
31	Delaware	13.6%	81	Dallas	02.8%
32	Hancock	13.4%	82	Cerro Gordo	02.6%
33	Greene	13.3%	83	Winneshiek	02.2%
34	Union	13.2%	84	Crawford	02.1%
35	O'Brien	13.0%	85	Boone	01.8%
36	Jones	12.2%	86	Hardin	01.8%
37	Humboldt	12.1%	87	Muscatine	01.7%
38	Washington	11.7%	88	Dubuque	01.7%
39	Page	11.3%	89	Linn	01.6%
40	Howard	11.3%	90	Pottawattamie	01.5%
41	Osceola	11.1%	91	Story	01.3%
42	Grundy	10.7%	92	Johnson	01.0%
43	Monona	10.6%	93	Mitchell	00.6%
44	Butler	10.3%	94	Hamilton	00.5%
45	Bremer	10.0%	95	Black Hawk	00.4%
46	Appanoose	10.0%	96	Marshall	00.4%
47	Lucas	09.3%	97	Scott	00.3%
48	Benton	09.1%	98	Polk	00.2%
49	Clay	08.8%	99	Emmet	00.0%
50	Lee	08.2%			



TABLE 3  
Average Dollar Loss Per Farm Theft Incident  
By County, 1979  
(Ranked in Descending Order)

Rank	County	Amount	Rank	County	Amount
1	Carroll	\$6,607.06	51	Sioux	\$ 828.15
2	Montgomery	3,917.00	52	Jackson	817.55
3	Cass	3,743.71	53	Palo Alto	784.56
4	Fremont	3,639.17	54	Pottawattamie	781.93
5	Taylor	2,946.70	55	Ringgold	769.58
6	Henry	2,705.17	56	Delaware	754.86
7	Washington	2,675.56	57	Monroe	746.40
8	Muscatine	2,637.50	58	Warren	739.42
9	Cedar	2,636.11	59	Page	735.63
10	Van Buren	2,299.89	60	Buchanan	731.95
11	O'Brien	2,273.67	61	Benton	731.72
12	Cerro Gordo	2,206.30	62	Appanoose	730.79
13	Lee	2,147.55	63	Black Hawk	704.33
14	Webster	2,075.44	64	Madison	700.00
15	Des Moines	2,052.10	65	Dallas	622.14
16	Sac	2,007.00	66	Hancock	593.81
17	Woodbury	1,904.43	67	Johnson	588.67
18	Humboldt	1,882.88	68	Dickinson	588.55
19	Linn	1,853.55	69	Butler	586.91
20	Wayne	1,770.94	70	Marion	583.16
21	Chickasaw	1,749.35	71	Pocahontas	578.50
22	Buena Vista	1,706.92	72	Story	564.00
23	Kossuth	1,648.50	73	Adair	562.73
24	Wright	1,610.00	74	Louisa	561.43
25	Ida	1,609.67	75	Tama	549.44
26	Shelby	1,575.00	76	Fayette	545.21
27	Clayton	1,527.08	77	Monona	543.48
28	Keokuk	1,349.39	78	Hardin	542.33
29	Dubuque	1,345.35	79	Harrison	525.90
30	Winneshiek	1,291.71	80	Clarke	512.50
31	Jasper	1,281.72	81	Howard	494.50
32	Wapello	1,277.35	82	Iowa	475.74
33	Calhoun	1,204.26	83	Franklin	469.33
34	Adams	1,178.65	84	Boone	458.75
35	Hamilton	1,177.50	85	Poweshiek	442.96
36	Audubon	1,109.36	86	Jones	439.31
37	Clinton	1,066.81	87	Bremer	424.34
38	Decatur	1,062.75	88	Mahaska	418.05
39	Guthrie	991.00	89	Scott	409.81
40	Greene	961.83	90	Winnebago	397.08
41	Clay	932.80	91	Mills	368.21
42	Jefferson	924.68	92	Marshall	335.70
43	Davis	910.26	93	Floyd	279.09
44	Lucas	906.15	94	Crawford	279.00
45	Cherokee	895.00	95	Worth	278.56
46	Grundy	875.00	96	Osceola	266.67
47	Union	869.21	97	Lyon	225.00
48	Polk	848.00	98	Mitchell	191.25
49	Allamakee	841.93	99	Emmet	000.00
50	Plymouth	833.83			

FIGURE 4  
TEN COUNTIES AVERAGING THE HIGHEST DOLLAR LOSS PER FARM THEFT INCIDENT  
IOWA, 1979

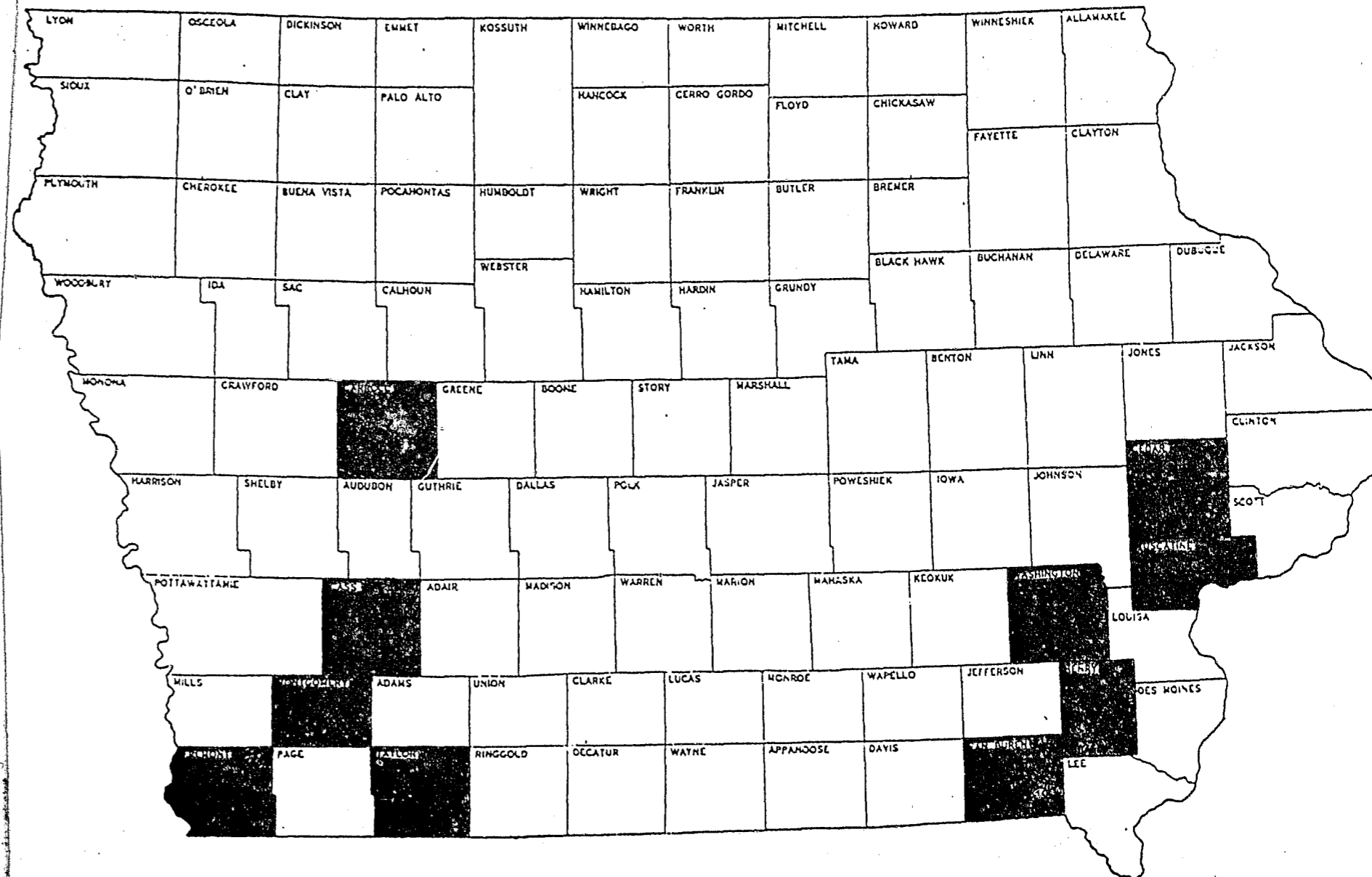


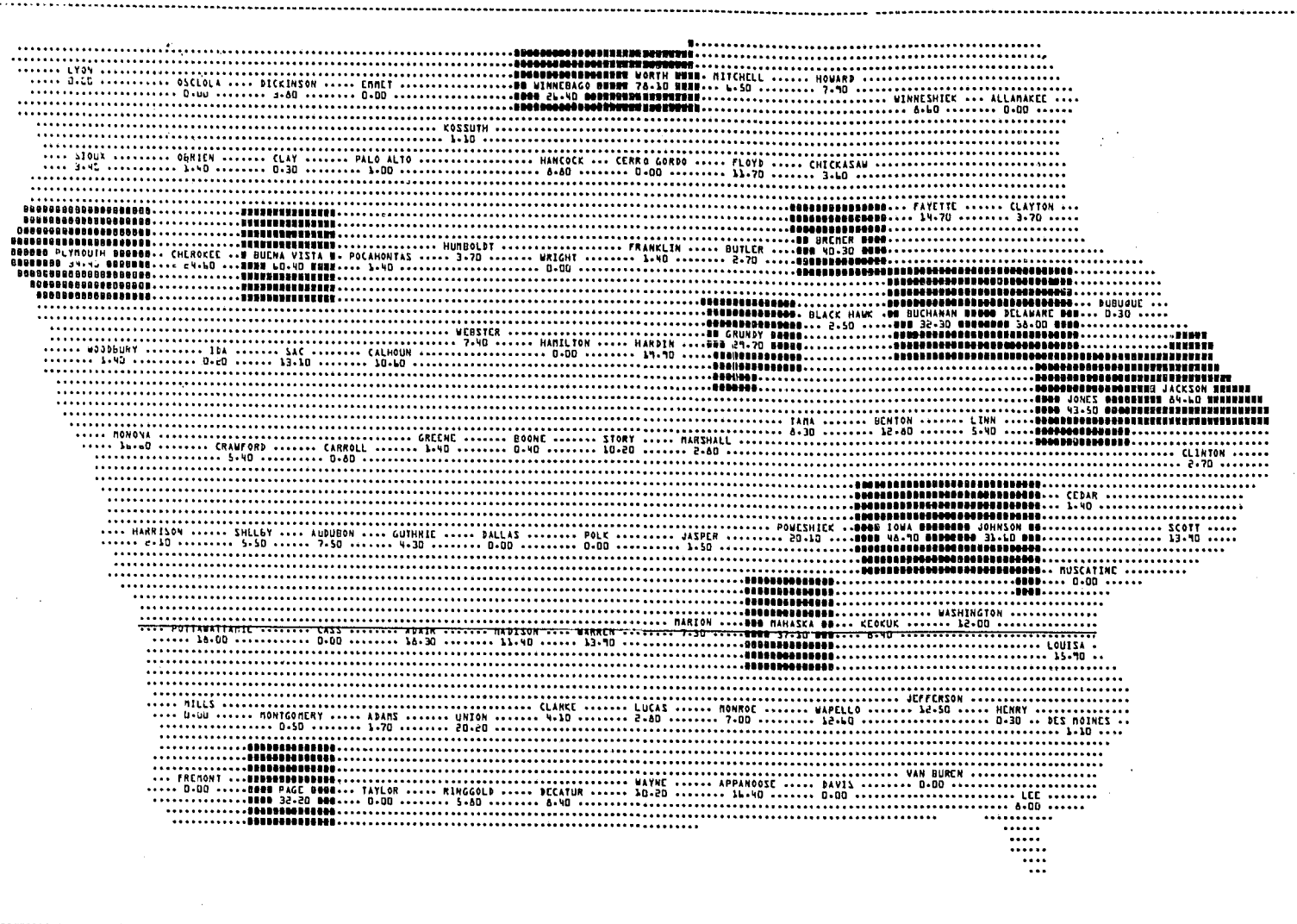








FIGURE 11  
 PERCENT OF OTHER FARM SUPPLIES STOLEN (BASED ON VALUE OF PROPERTY STOLEN)  
 IOWA, 1979



\* EASYMAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- 77 RECORDS WITH INVALID CODES -- 0  
 LOWEST CASE -- 0.0 HIGHEST CASE -- 84.577777

STATISTICAL RANGES

0.0 TO 24.99999	OCCURRENCES = 85
25.00000 TO 49.99999	OCCURRENCES = 11
50.00000 TO 100.00000	OCCURRENCES = 3

TABLE 4  
 Number and Percent of Farm Thefts By Farm Category

Category	Number of Thefts	Percent of Total Farm Thefts
Cattle	436	21.9
Hogs	288	14.5
Other Livestock	144	7.2
Farm Machinery	413	20.8
Grain	81	4.1
Farm Chemicals	57	2.9
Other Farm Supplies	570	28.7
<b>TOTAL</b>	<b>1,989</b>	<b>100.1</b>

TABLE 5  
 Value of Property Stolen and Percent of Total Farm Property Stolen By Category

Category	Value of Property Stolen	Percent of Total Farm Property Stolen
Cattle	497,848	23.0
Hogs	368,309	16.7
Other Livestock	84,411	3.9
Farm Machinery	692,458	31.5
Grain	126,585	5.7
Farm Chemicals	183,275	8.3
Other Farm Supplies	232,729	10.8
<b>TOTAL</b>	<b>2,185,615</b>	<b>100.1</b>

\* Sums may not equal 100% due to rounding off error.

Cattle ranked second, claiming nearly one-fourth of the monetary loss. The three livestock categories, when considered together, account for almost one-half of the dollar loss. It is evident from this table that the items with the highest value (farm machinery, cattle, & hogs) logically account for the greatest dollar loss among farm implement and supply categories, even though "other" thefts account for more actual thefts than any of the other individual categories.

Table 6 reports farm thefts for livestock, farm machinery and other farm supplies for the SMSAs, cities, and rural areas. Note that the SMSAs and cities experience higher theft rates for farm machinery than for either livestock or other farm supplies. This may be due to thefts from farm implement dealers and manufacturers, who are frequently located in cities.

On the brighter side of the picture is the analysis of stolen farm property which was recovered. Table 7 lists the percent of property recovered (based on the value of property stolen) for each county, in descending order.

Counties under and over 20,000 in population are equally represented among the ten highest ranked, and there appears to be no striking geographic pattern of recovery (Figure 12). Figure 13 shows the percent of recovered property for each county in the state, and contains several slight patterns: strips along the southern border and down the western and eastern sides of the state show a slight concentration of higher recovery percentages.

Figures 15 through 21 geographically display the percentage of recovered property (based on the value of property stolen) for each of the seven farm theft categories: cattle, hogs, other livestock, farm machinery, grain, farm chemicals, and other farm supplies. None of these figures shows any demonstrable patterns of recovery. Figure 18 does show a slight pattern of recovery along the southern border, but several other counties scattered across the state also show substantial recovery percentages.

Table 8 indicates that more farm machinery was recovered -- in terms of property value -- than any other farm item. Cattle were the second most likely property to be recovered in terms of value, but were substantially below farm machinery. Grain was the least likely item to be recovered in terms of value for obvious reasons: it is difficult to trace due to its uses and marketability, and accounts for a small portion of the total thefts.

Table 9 reports the percentage of farm property recovered based on the value of property stolen and the value of property recovered. Farm machinery ranked first as the most likely farm property to be recovered. This may be due to the fact that farm machinery is easily recognizable and may be marked with some type of identification. Other livestock is the second most likely farm item to be recovered. Again, animals are often tagged for identification purposes, and the animals that comprise this category (horses, sheep, goats, etc.) are not as marketable as cattle or hogs. Figure 14 graphically displays the percentages reported in Table 9.

Appendix A contains three tables which were used in evaluating farm implement and supply theft in Iowa. Table A-1 lists the values of property stolen and recovered both for farm thefts and total thefts, and reports the percentages

for farm thefts by county. Table A-2 lists the value of farm property stolen and recovered, and the recovery percentages for each county. Table A-3 reports the number of thefts, the values of farm property stolen and recovered by UCR reporting agency for each of the seven farm theft categories. Table A-4 lists the definitions for each of the farm theft items.

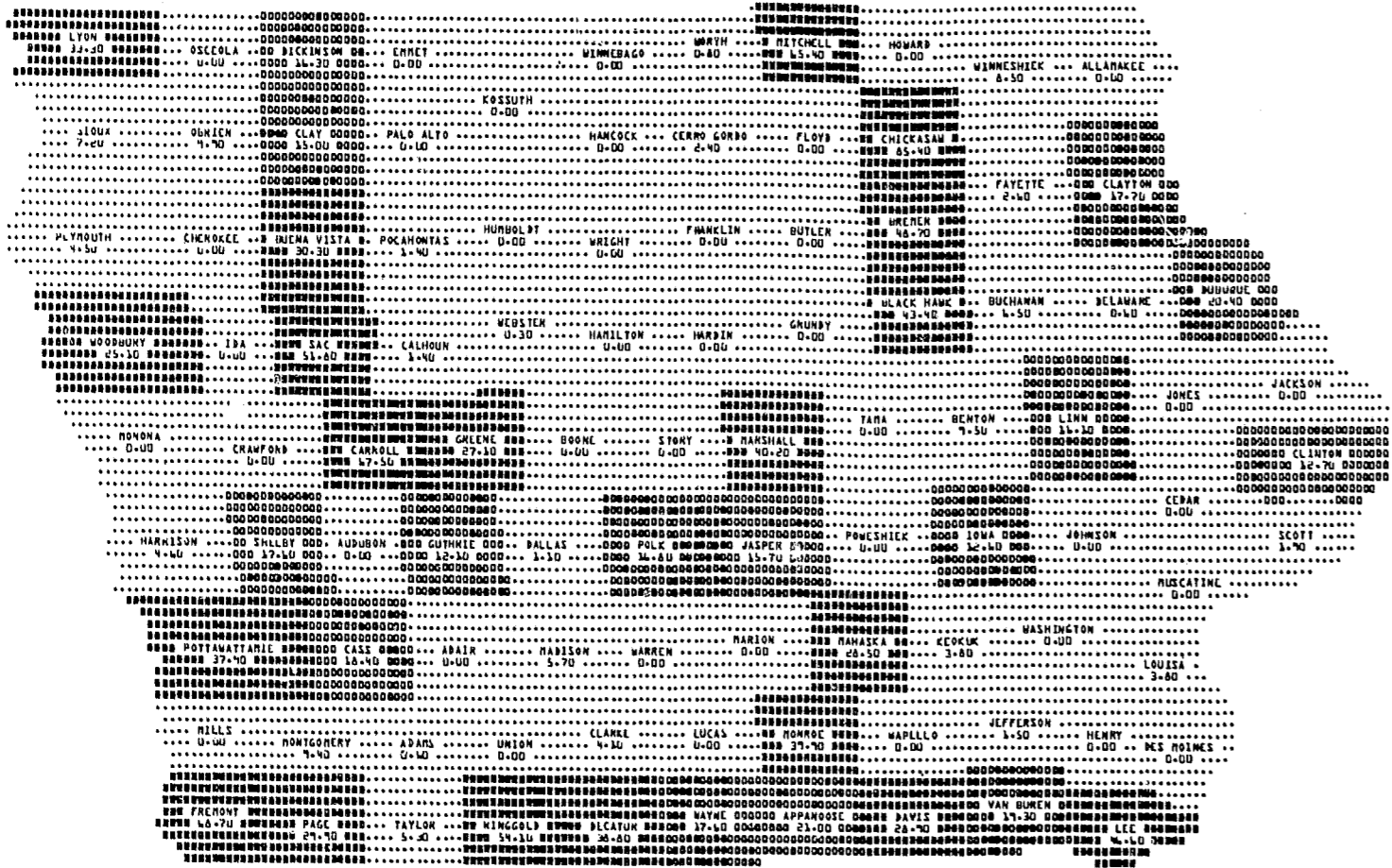
TABLE 6  
NUMBER AND PERCENT OF FARM THEFT INCIDENTS,  
VALUE OF PROPERTY STOLEN, AND VALUE OF PROPERTY RECOVERED,  
BY CATEGORY - IOWA - 1979

AREA	INCIDENTS		AMOUNT STOLEN		AMOUNT RECOVERED	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK						
SMSA	111	12.8	116,921	12.3	13,628	16.8
Cities	18	2.1	1,131	0.1	5,320	6.6
Rural Areas	739	85.1	832,516	87.6	62,068	76.6
State	868	100.1	950,568	100.0	81,016	100.0
FARM MACHINERY						
SMSA	56	13.6	92,214	13.3	26,100	10.8
Cities	40	9.7	93,486	13.5	59,331	24.5
Rural Areas	317	76.8	506,758	73.2	156,325	64.7
State	413	100.1	692,458	100.0	241,756	100.0
OTHER FARM SUPPLIES						
SMSA	54	9.5	20,504	8.8	900	2.7
Cities	38	6.7	16,917	7.3	1,550	4.6
Rural Areas	478	83.9	195,308	83.9	31,145	92.7
State	570	100.1	232,729	100.0	33,595	100.0



FIGURE 13

PERCENT OF FARM PROPERTY RECOVERED (BASED ON THE VALUE OF PROPERTY STOLEN AND RECOVERED)  
IOWA, 1979



\* EASTMAP \* AN EASY-TO-USE PRINTER MAPPING SYSTEM

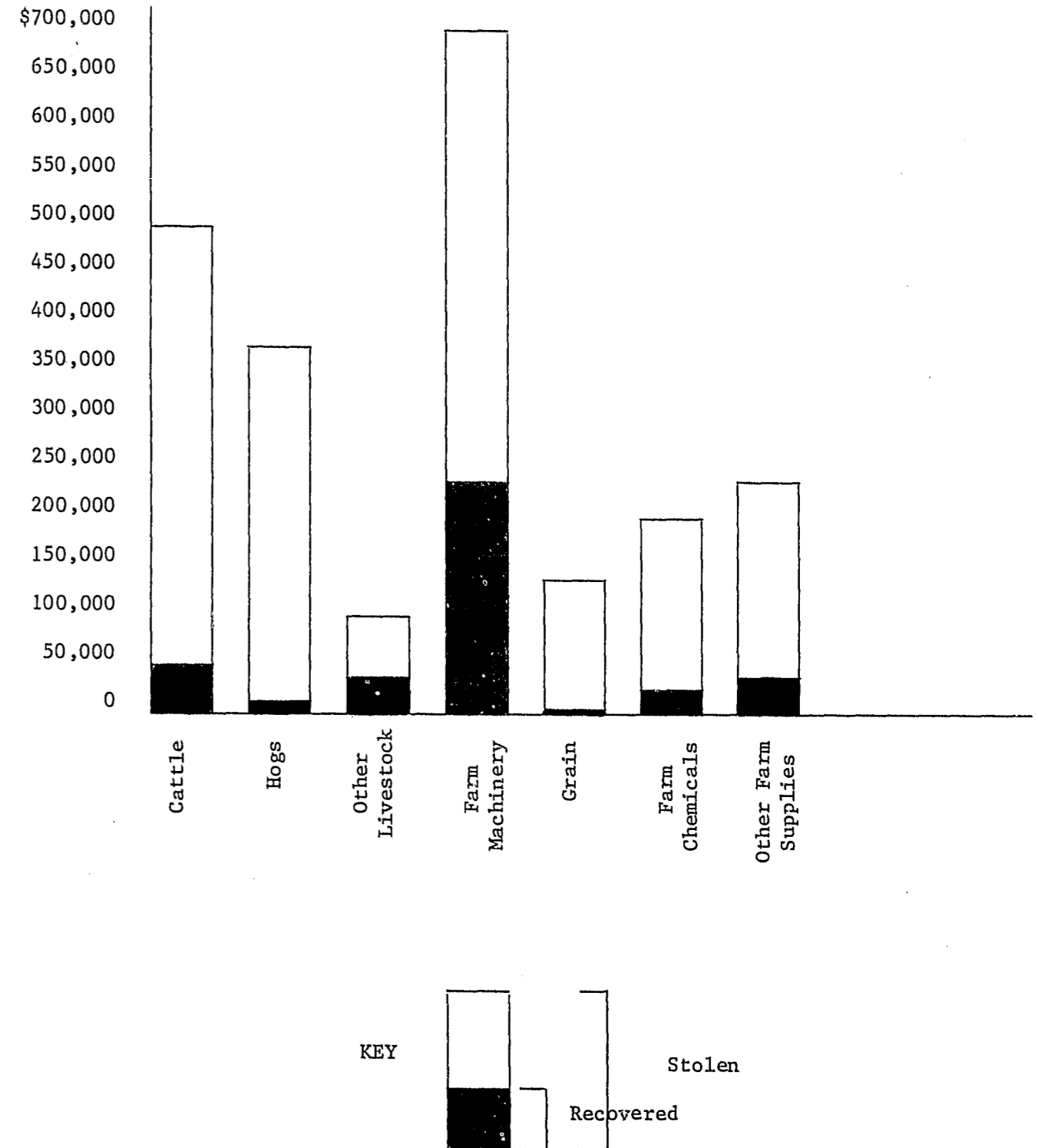
RECORDS READ -- 77 RECORDS WITH INVALID CODES -- 0  
LOWEST CASE -- 0.0 HIGHEST CASE -- 83.77777

STATISTICAL RANGES

0.0 TO	7.77777	OCCURRENCES =	64
10.00000 TO	24.77777	OCCURRENCES =	15
25.00000 TO	47.77777	OCCURRENCES =	14
50.00000 TO	100.00000	OCCURRENCES =	6

FIGURE 14

Value of Farm Property Stolen and Value of Farm Property Recovered By Category



KEY

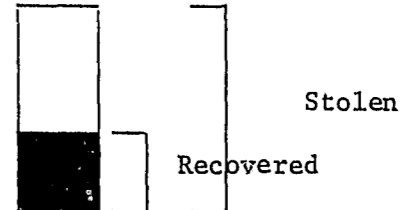
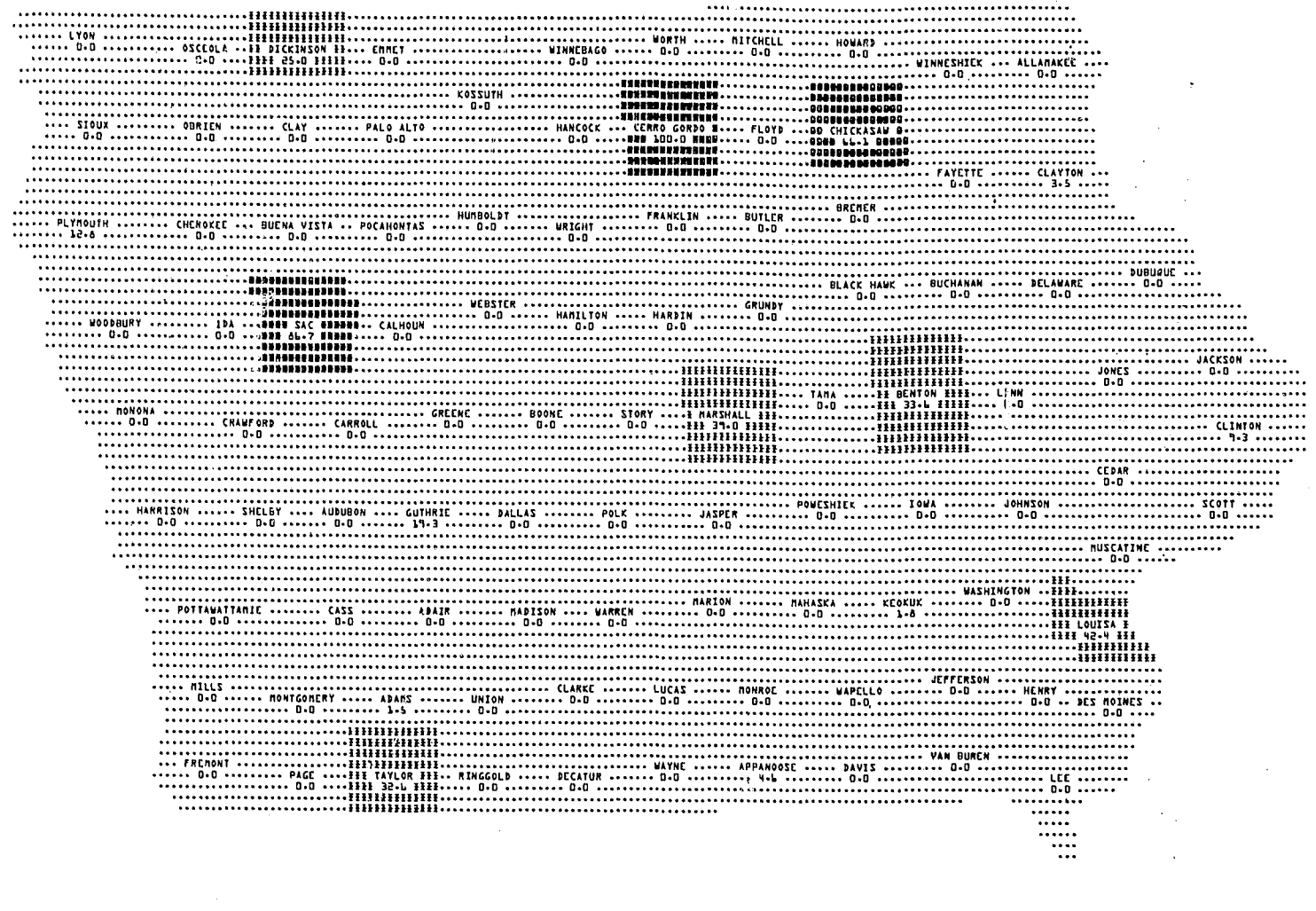


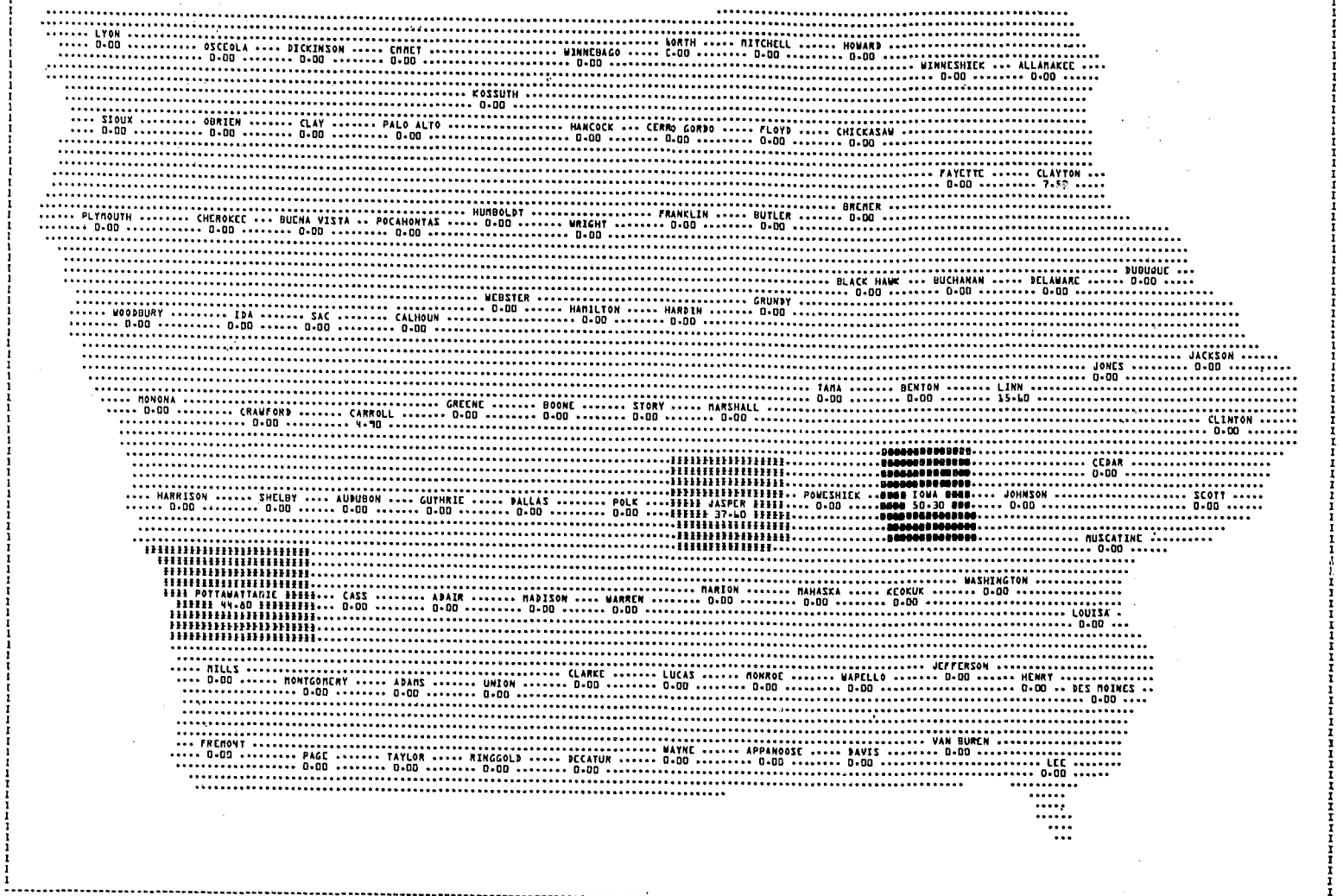
FIGURE 15  
 PERCENT OF CATTLE RECOVERED  
 (BASED ON VALUE OF PROPERTY STOLEN AND RECOVERED)  
 IOWA, 1979



\* EASYMAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- LOWEST CASE --	75 0-0	RECORDS WITH INVALID CODES -- HIGHEST CASE --	0 100.000000
STATISTICAL RANGES			
0-0	TO	24.77767	OCCURRENCES = 71
25.000000	TO	47.77737	OCCURRENCES = 5
50.000000	TO	74.77724	OCCURRENCES = 1
75.000000	TO	77.77673	OCCURRENCES = 1
100.000000	TO	1000.00766	OCCURRENCES = 1

FIGURE 16  
 PERCENT OF HOGS RECOVERED  
 (BASED ON VALUE OF PROPERTY STOLEN AND RECOVERED)  
 IOWA, 1979



\* EASYMAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- LOWEST CASE --	75 0-0	RECORDS WITH INVALID CODES -- HIGHEST CASE --	0 50.277768
STATISTICAL RANGES			
0-0	TO	24.77767	OCCURRENCES = 71
25.000000	TO	47.77737	OCCURRENCES = 2
50.000000	TO	74.77724	OCCURRENCES = 1
75.000000	TO	77.77673	OCCURRENCES = 0

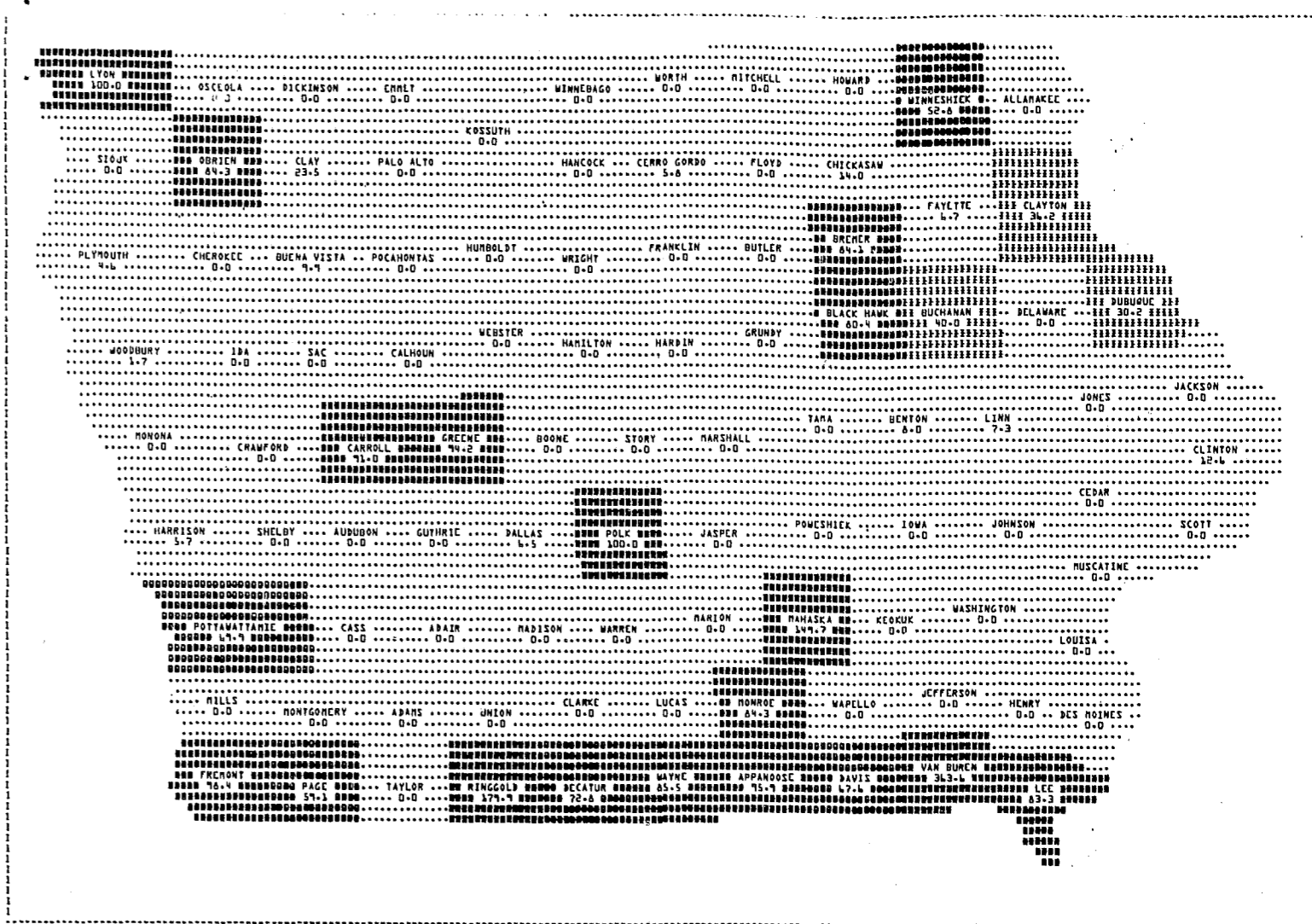
FIGURE 17  
 PERCENT OF OTHER LIVESTOCK RECOVERED  
 (BASED ON VALUE OF PROPERTY STOLEN AND RECOVERED)  
 IOWA, 1979



\* EASYMAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- LOWEST CASE --	77 0-0	RECORDS WITH INVALID CODES -- HIGHEST CASE --	0 777.077702
STATISTICAL RANGES			
0-0 TO	24.777767	OCCURRENCES =	83
25.000000 TO	47.777737	OCCURRENCES =	4
50.000000 TO	74.777724	OCCURRENCES =	2
75.000000 TO	77.777673	OCCURRENCES =	4
100.000000 TO	1000.007766	OCCURRENCES =	6

FIGURE 18  
 PERCENT OF FARM MACHINERY RECOVERED  
 (BASED ON VALUE OF PROPERTY STOLEN AND RECOVERED)  
 IOWA, 1979

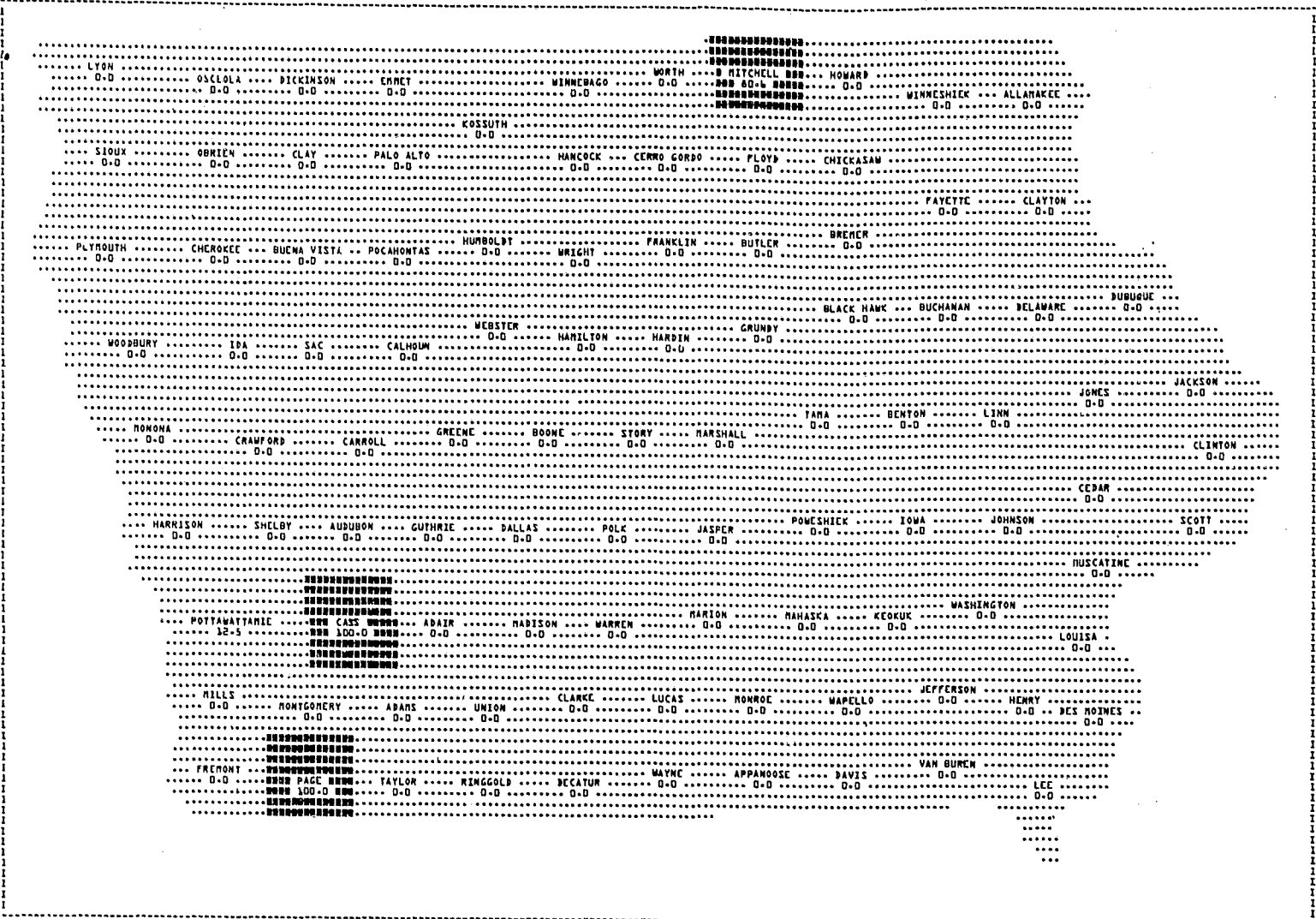


\* EASYMAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- LOWEST CASE --	77 0-0	RECORDS WITH INVALID CODES -- HIGHEST CASE --	0 363.577654
STATISTICAL RANGES			
0-0 TO	24.777767	OCCURRENCES =	76
25.000000 TO	47.777737	OCCURRENCES =	3
50.000000 TO	74.777724	OCCURRENCES =	5
75.000000 TO	77.777673	OCCURRENCES =	10
100.000000 TO	1000.007766	OCCURRENCES =	5



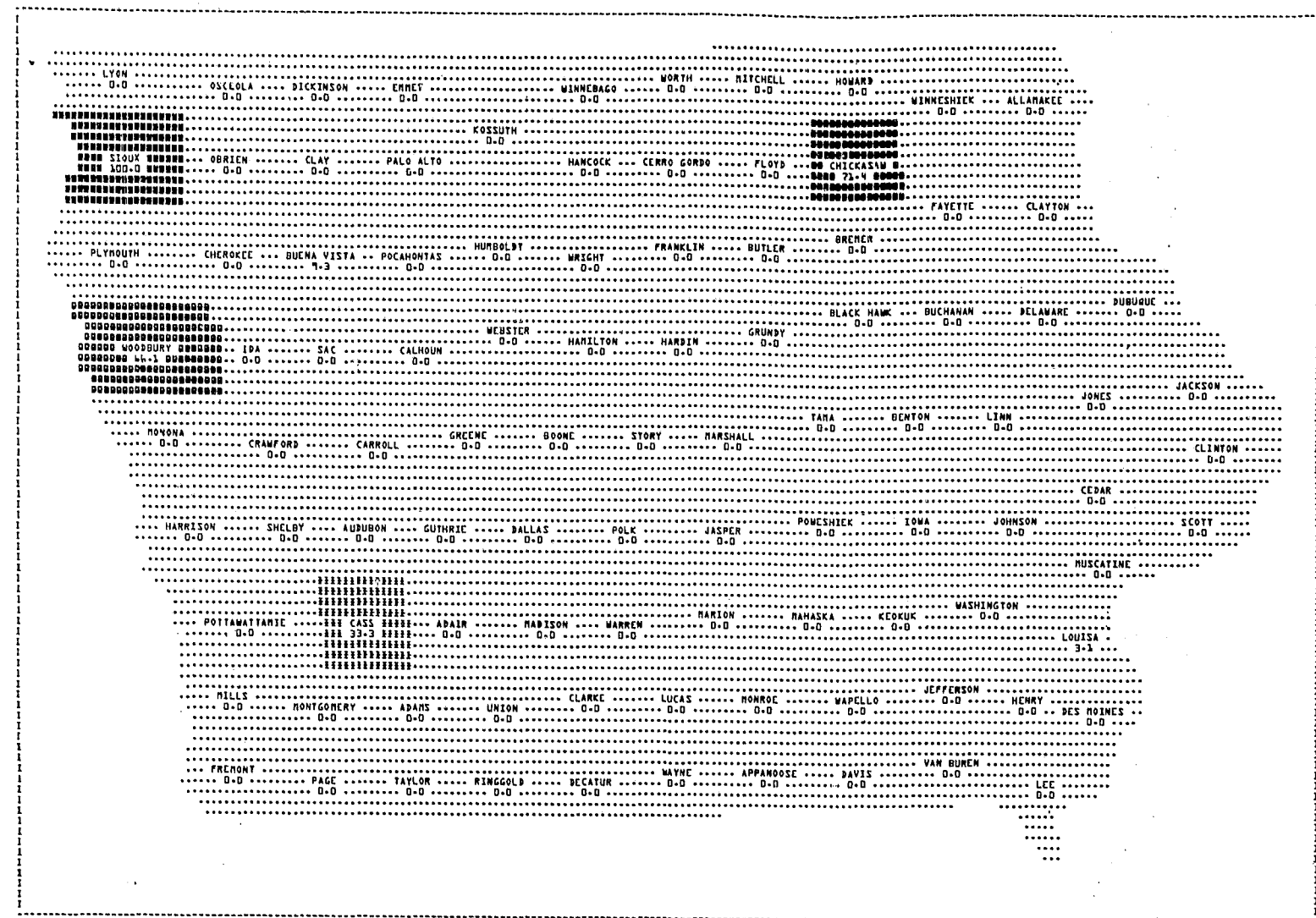
FIGURE 19  
 PERCENT OF GRAIN RECOVERED  
 (BASED ON VALUE OF PROPERTY STOLEN AND RECOVERED)  
 IOWA, 1979



\* CASYNAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- LOWEST CASE --	77 D-0	RECORDS WITH INVALID CODES -- HIGHEST CASE --	0 100-000000
STATISTICAL RANGES			
0-0 TO	24-999967	OCCURRENCES =	76
25-000000 TO	47-999937	OCCURRENCES =	0
50-000000 TO	74-999924	OCCURRENCES =	0
75-000000 TO	79-999973	OCCURRENCES =	1
100-000000 TO	1000-009766	OCCURRENCES =	2

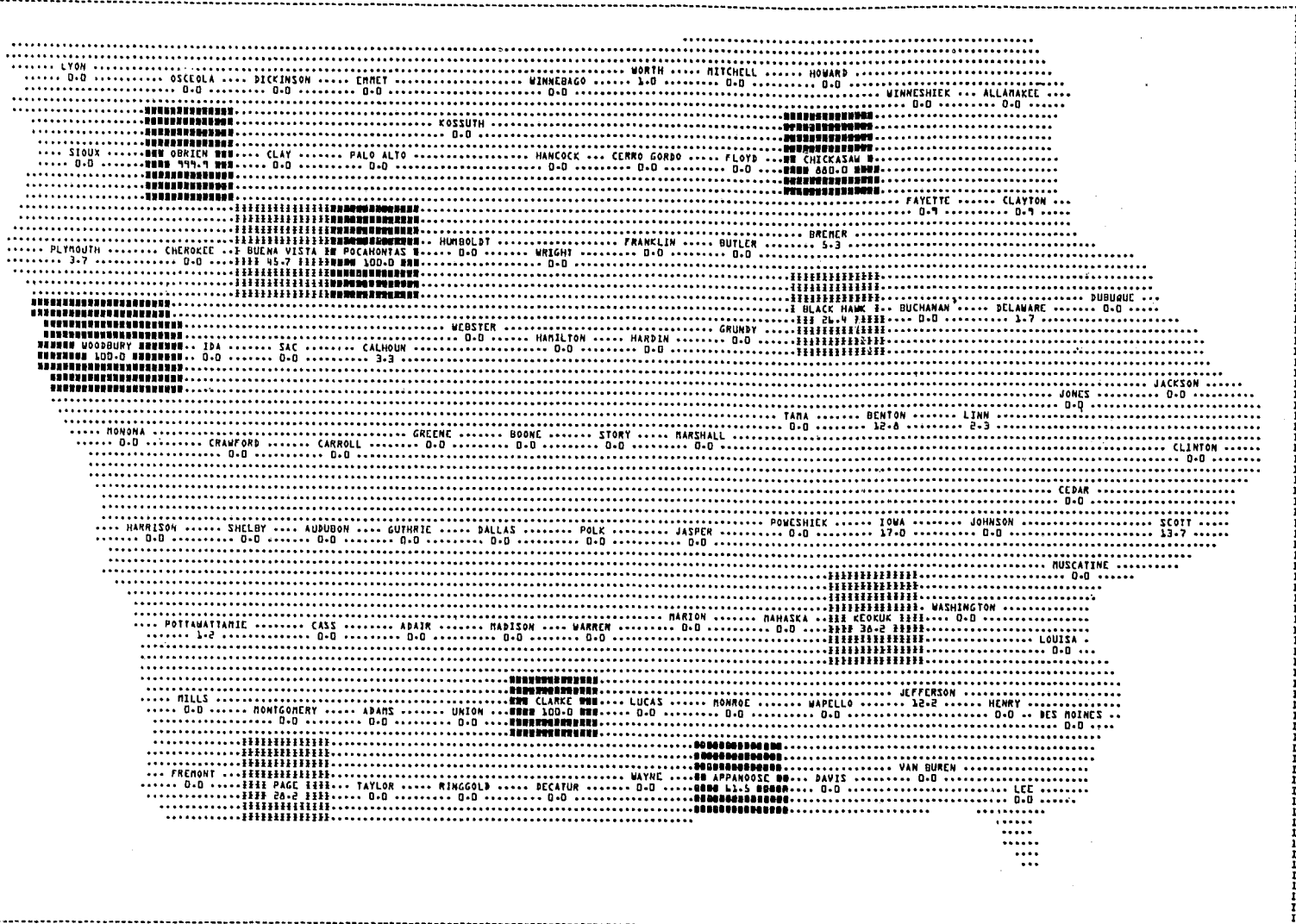
FIGURE 20  
 PERCENT OF FARM CHEMICALS RECOVERED  
 (BASED ON VALUE OF PROPERTY STOLEN AND RECOVERED)  
 IOWA, 1979



\* CASYNAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- LOWEST CASE --	77 D-0	RECORDS WITH INVALID CODES -- HIGHEST CASE --	0 100-000000
STATISTICAL RANGES			
0-0 TO	24-999967	OCCURRENCES =	75
25-000000 TO	47-999937	OCCURRENCES =	1
50-000000 TO	74-999924	OCCURRENCES =	2
75-000000 TO	79-999973	OCCURRENCES =	0
100-000000 TO	1000-009766	OCCURRENCES =	1

FIGURE 21  
 PERCENT OF OTHER FARM SUPPLIES RECOVERED  
 (BASED ON VALUE OF PROPERTY STOLEN AND RECOVERED)  
 IOWA, 1979



\* EASTRAP - AN EASY-TO-USE PRINTER MAPPING SYSTEM

RECORDS READ -- LOWEST CASE --	77 0-0	RECORDS WITH INVALID CODES -- HIGHEST CASE --	0 777-67702
STATISTICAL RANGES			
0-0 TO	24-77767	OCCURRENCES =	87
25-00000 TO	47-77737	OCCURRENCES =	4
50-00000 TO	74-77724	OCCURRENCES =	1
75-00000 TO	77-77707	OCCURRENCES =	0
100-00000 TO	1000-00764	OCCURRENCES =	5

TABLE 8  
 Value of Property Recovered and Percent of Total  
 Farm Property Recovered By Category

Category	Value of Property Recovered	Percent of Total Farm Property Recovered
Cattle	42,005	11.0
Hogs	10,809	2.8
Other Livestock	28,202	7.4
Farm Machinery	241,756	63.3
Grain	3,650	1.0
Farm Chemicals	22,155	5.8
Other Farm Supplies	33,595	8.8
TOTAL	382,172	100.1*

\* Sums may not equal 100% due to rounding off error.

TABLE 9  
 Value of Property Stolen, Value of Property Recovered, and  
 Percent of Farm Property Recovered By Category

Category	Value of Property Stolen	Value of Property Recovered	Percent of Farm Property Recovered
Cattle	497,848	42,005	8.4
Hogs	368,309	10,809	2.9
Other Livestock	84,411	28,202	33.4
Farm Machinery	692,458	241,756	34.9
Grain	126,585	3,650	2.9
Farm Chemicals	183,275	22,155	12.1
Other Farm Supplies	232,729	33,595	14.4
TOTAL	2,185,615	382,172	17.5

APPENDIX A

TABLE A-1

Value of Total Property Stolen and Recovered, Value of Farm Property Stolen and Recovered, and Percent Value of Farm Property Stolen and Recovered By County, 1979

County	T O T A L		F A R M		% F A R M	
	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered
Adair	46,202	6,052	8,441		18.3	
Adams	69,376	5,520	23,573	150	34.0	2.7
Allamakee	166,814	69,259	12,629		7.6	
Appanoose	205,391	72,019	20,462	4,288	10.0	6.0
Audubon	89,041	23,631	43,265		48.6	
Benton	258,004	145,898	23,415	2,220	9.1	1.5
Black Hawk	2,652,171	839,743	10,565	4,590	.4	.5
Boone	209,488	51,775	3,670		1.8	
Bremer	275,159	176,613	27,582	13,434	10.0	7.6
Buchanan	304,655	100,256	15,371	1,000	5.0	1.0
Buena Vista	297,086	136,539	44,380	13,442	14.9	9.8
Butler	131,454	54,552	13,499		10.3	
Calhoun	136,635	41,071	42,149	599	30.8	1.5
Carroll	320,653	145,104	105,713	71,400	33.0	49.2
Cass	217,193	58,949	52,412	9,648	24.1	16.4
Cedar	189,647	58,362	47,450		25.0	
Cerro Gordo	862,491	300,772	22,063	539	2.6	
Cherokee	124,675	64,680	6,265		5.0	
Chickasaw	107,679	78,150	34,987	29,900	32.5	38.3
Clarke	91,226	15,341	6,150	250	6.7	1.6
Clay	263,755	78,190	23,320	3,500	8.8	4.5
Clayton	152,328	54,572	61,083	10,805	40.1	19.8
Clinton	957,802	478,910	39,472	5,000	4.1	1.0
Crawford	105,337	36,492	2,232		2.1	
Dallas	312,219	137,364	8,710	100	2.8	.1

County	T O T A L		F A R M		% F A R M	
	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered
Davis	71,998	11,720	17,295	5,005	24.0	42.7
Decatur	50,991	8,262	12,753	4,950	25.0	59.9
Delaware	116,891	51,101	15,852	100	13.6	.2
Des Moines	591,720	237,129	20,521		3.5	
Dickinson	157,763	34,749	6,144	1,000	3.9	2.9
Dubuque	1,586,278	763,688	26,907	5,500	1.7	.7
Emmet	64,512	33,162				
Fayette	333,529	148,641	20,719	535	6.2	.4
Floyd	90,405	31,644	3,070		3.4	
Franklin	117,980	35,642	5,632		4.8	
Fremont	141,177	81,104	43,670	30,000	30.9	37.0
Greene	166,020	50,123	22,122	6,000	13.3	12.0
Grundy	41,067	14,295	4,375		10.7	
Guthrie	57,276	29,525	14,865	1,800	25.9	6.1
Hamilton	445,311	355,009	2,355		.5	
Hancock	71,112	31,886	9,501		13.4	
Hardin	266,517	125,459	4,881		1.8	
Harrison	199,919	50,223	15,251	700	7.6	1.4
Henry	179,823	54,890	32,462		18.1	
Howard	70,297	23,645	7,912		11.3	
Humboldt	124,624	35,712	15,063		12.1	
Ida	57,847	28,263	9,658		16.7	
Iowa	105,510	28,835	18,078	2,270	17.1	7.9
Jackson	151,135	60,565	38,425		25.4	
Jasper	537,966	221,829	37,170	5,819	6.9	2.6
Jefferson	156,226	54,603	23,117	350	14.8	.6
Johnson	1,473,293	594,714	14,128		1.0	

County	T O T A L		F A R M		% F A R M	
	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered
Jones	125,588	44,290	15,376		12.2	
Keokuk	115,131	35,220	31,036	1,180	27.0	3.4
Kossuth	167,521	42,754	32,970		19.7	
Lee	521,230	209,003	42,951	20,000	8.2	9.6
Linn	3,841,145	1,180,103	61,167	9,833	1.6	.8
Louisa	170,688	73,770	7,860	295	4.6	.4
Lucas	126,164	54,104	11,780		9.3	
Lyon	10,945	7,230	450	150	4.1	2.1
Madison	108,185	41,912	3,500	200	3.2	.5
Mahaska	260,210	108,572	17,558	5,000	6.7	4.6
Marion	230,924	40,038	18,078		7.8	
Marshall	801,694	397,911	3,357	1,350	.4	.3
Mills	164,679	50,349	5,155		3.1	
Mitchell	267,724	29,224	1,530	1,000	.6	3.4
Monona	127,960	50,146	13,587		10.6	
Monroe	108,998	34,614	32,095	12,800	29.4	37.0
Montgomery	174,201	64,510	27,419	2,569	15.7	4.0
Muscatine	615,030	303,186	10,550		1.7	
O'Brien	157,770	46,240	20,463	2,030	13.0	4.4
Osceola	7,205	1,980	800		11.1	
Page	195,382	56,648	22,069	6,600	11.3	11.7
Palo Alto	122,987	71,759	7,061		5.7	
Plymouth	180,254	67,373	39,190	1,750	21.7	2.6
Pocahontas	36,879	6,464	6,942	100	18.8	1.5
Polk	7,968,964	2,479,850	16,112	2,700	.2	.1
Pottawattamie	3,032,811	1,173,410	45,352	17,170	1.5	1.5

County	T O T A L		F A R M		% F A R M	
	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered	Value of Property Stolen	Value of Property Recovered
Poweshiek	302,414	78,552	11,074		3.7	
Ringgold	72,414	27,350	27,705	15,000	38.2	54.8
Sac	65,684	31,133	20,070	10,400	6.1	33.4
Scott	2,567,956	679,185	6,557	125	.3	0
Shelby	124,029	53,507	28,350	5,000	22.9	9.3
Sioux	205,940	87,802	16,563	1,200	8.0	1.4
Story	887,998	265,874	11,280		1.3	
Tama	182,783	94,459	14,835		8.1	
Taylor	164,613	17,950	129,655	6,900	78.8	38.4
Union	125,209	39,584	16,515		13.2	
Van Buren	58,399	15,380	20,699	4,000	35.4	26.0
Wapello	639,008	292,569	21,715		3.4	
Warren	558,737	173,426	19,225		3.4	
Washington	205,099	71,223	24,080		11.7	
Wayne	98,340	35,705	28,355	5,000	28.8	14.0
Webster	897,564	425,780	51,886	150	5.8	0
Winnebago	146,102	52,301	5,192		3.6	
Winneshiek	201,709	73,289	43,918	3,750	2.2	5.1
Woodbury	1,543,794	915,186	43,802	11,006	2.8	1.2
Worth	69,729	21,976	2,507	20	3.6	.1
Wright	103,300	45,644	6,440		6.2	
STATE	44,834,758	16,594,267	2,185,615	382,172	4.9	2.3

TABLE A-2

Value Of Farm Property Stolen, Value Of Farm Property Recovered,  
and Percent Of Farm Property Recovered

County	Value of Property Stolen	Value of Property Recovered	Percent of Property Recovered
Adair	\$ 8,441		
Adams	23,573	\$ 150	.6
Allamakee	12,629		
Appanoose	20,462	4,288	21.0
Audubon	43,265		
Benton	23,415	2,220	9.5
Black Hawk	10,565	4,590	43.4
Boone	3,670		
Bremer	27,582	13,434	48.7
Buchanan	15,371	1,000	6.5
Buena Vista	44,380	13,442	30.3
Butler	13,499		
Calhoun	42,149	599	1.4
Carroll	105,713	71,400	67.5
Cass	52,412	9,648	18.4
Cedar	47,450		
Cerro Gordo	22,063	539	2.4
Cherokee	6,265		
Chickasaw	34,987	29,900	85.4
Clarke	6,150	250	4.1
Clay	23,320	3,500	15.0
Clayton	61,083	10,805	17.7
Clinton	39,472	5,000	12.7
Crawford	2,232		
Dallas	8,710	100	1.1
Davis	17,295	5,005	28.9
Decatur	12,753	4,950	38.8
Delaware	15,852	100	.6
Des Moines	20,521		
Dickinson	6,144	1,000	16.3

County	Value of Property Stolen	Value of Property Recovered	Percent of Property Recovered
Dubuque	\$ 26,907	\$ 5,500	20.4
Emmet			
Fayette	20,719	535	2.6
Floyd	3,070		
Franklin	5,632		
Fremont	43,670	30,000	68.7
Greene	22,122	6,000	27.1
Grundy	4,375		
Guthrie	14,865	1,800	12.1
Hamilton	2,355		
Hancock	9,501		
Hardin	4,881		
Harrison	15,251	700	4.6
Henry	32,462		
Howard	7,912		
Humboldt	15,063		
Ida	9,658		
Iowa	18,078	2,270	12.6
Jackson	38,425		
Jasper	37,170	5,819	15.7
Jefferson	23,117	350	1.5
Johnson	14,128		
Jones	15,376		
Keokuk	31,036	1,180	3.8
Kossuth	32,970		
Lee	42,951	20,000	46.6
Linn	61,167	9,833	16.1
Louisa	7,860	295	3.8
Lucas	11,780		
Lyon	450	150	33.3
Madison	3,500	200	5.7
Mahaska	17,558	5,000	28.5



County	Value of Property Stolen	Value of Property Recovered	Percent of Property Recovered
Marion	\$ 18,078		
Marshall	3,357	\$ 1,350	40.2
Mills	5,155		
Mitchell	1,530	1,000	65.4
Monona	13,587		
Monroe	32,095	12,800	39.9
Montgomery	27,419	2,569	9.4
Muscatine	10,550		
O'Brien	20,463	2,030	9.9
Osceola	800		
Page	22,069	6,600	29.9
Palo Alto	7,061		
Plymouth	39,190	1,750	4.5
Pocahontas	6,942	100	1.4
Polk	16,112	2,700	16.8
Pottawattamie	45,352	17,170	37.9
Poweshiek	11,074		
Ringgold	27,705	15,000	54.1
Sac	20,070	10,400	51.8
Scott	6,557	125	1.9
Shelby	28,350	5,000	17.6
Sioux	16,563	1,200	7.2
Story	11,280		
Tama	14,835		
Taylor	129,655	6,900	5.3
Union	16,515		
Van Buren	20,699	4,000	19.3
Wapello	21,715		
Warren	19,225		
Washington	24,080		
Wayne	28,335	5,000	17.6
Webster	51,886	150	.3

County	Value of Property Stolen	Value of Property Recovered	Percent of Property Recovered
Winnebago	\$ 5,192		
Winneshiek	43,918	\$ 3,750	8.5
Woodbury	43,802	11,006	25.1
Worth	2,507	20	.8
Wright	6,440		
STATE	2,185,615	382,172	17.5

FIGURE A-3

NUMBER OF FARM THEFTS, VALUE OF PROPERTY STOLEN,  
AND VALUE OF PROPERTY RECOVERED  
BY AGENCY AND COUNTY - 1979

Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered
Adair County	7	3,920		2	2,880				1	100								5	1,541		
County Total	7	3,920		2	2,880				1	100								5	1,541		
Adams County	8	10,175	150	8	10,690				1	300			1	2,000				2	408		
County Total	8	10,175	150	8	10,690				1	300			1	2,000				2	408		
Allamakee County	10	7,218		2	3,300		2	1,511													
Waukon P.D.									1	600											
County Total	10	7,218		2	3,300		2	1,511		1	600										
Appanoose County	12	13,915	638	1	1,225		2	325	150	2	1,355	1,300	1	65				10	3,577	2,200	
Centerville P.D.																					
County Total	12	13,915	638	1	1,225		2	325	150	2	1,355	1,300	1	65				10	3,577	2,200	
Audubon County	10	8,078		9	24,732		1	175		3	7,020							16	3,260		
Audubon P.D.																					
County Total	10	8,078		9	24,732		1	175		3	7,020							16	3,260		
Benton County	6	2,825	950	3	1,684		4	3,605		8	6,701	985						9	2,900	285	
Belle Plain P.D.																					
Vinton P.D.										1	5,600							1	100		
County Total	6	2,825	950	3	1,684		4	3,605		9	12,301	985						10	3,000	285	
Black Hawk County	2	4,400		1	125		3	141	20	3	5,427	4,500						2	195		
Cedar Falls P.D.																					
Evansdale P.D.							2	40													
Waterloo P.D.										1	167							1	70	70	
Univ. of N. Iowa P.D.																					
County Total	2	4,400		1	125		5	181	20	4	5,594	4,500						3	265	70	
Boone County	1	200		1	100		1	175		1	1,800		2	880				1	15		
Boone P.D.										1	500										
County Total	1	200		1	100		1	175		2	2,300		2	880				1	15		
Bremer County	3	1,575		2	350		3	1,800	2,300	5	9,175	8,300	3	214				26	5,106	40	
Waverly P.D.										3	3,363	2,244						20	5,999	550	
County Total	3	1,575		2	350		3	1,800	2,300	8	12,538	10,544	3	214				46	11,105	590	
Buchanan County	2	1,050		5	4,172					2	2,500	1,000	2	2,680				9	4,569		
Independence P.D.																		1	400		
County Total	2	1,050		5	4,172					2	2,500	1,000	2	2,680				10	4,969		

Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered
Buena Vista County Storm Lake P.D.	2	1,400		2	3,612				9	3,923	390				2	8,650	806	11	26,795	12,246	
County Total	2	1,400		2	3,612				9	3,923	390				2	8,650	806	11	26,795	12,246	
Butler County	4	1,800		6	2,260		4	2,090	1	150		2	1,134		2	5,700		4	365		
County Total	4	1,800		6	2,260		4	2,090	1	150		2	1,134		2	5,700		4	365		
Calhoun County	5	1,350		6	25,618				5	2,400	450	2	4,993		4	3,320		13	4,468	149	
County Total	5	1,350		6	25,618				5	2,400	450	2	4,993		4	3,320		13	4,468	149	
Carroll County Carroll P.D.	1	6,700		6	20,390	1,000			5	76,700	70,400	2	450					1	850		
County Total	1	6,700		6	20,390	1,000			6	77,323	70,400	2	450					1	850		
Cass County Atlantic P.D.	7	2,315		3	4,497				1	20,000		1	1,700	1,700	1	9,200	7,948				
County Total	7	2,315		3	4,497				1	20,000		1	1,700	1,700	2	23,900	7,948				
Cedar County Tipton P.D.	3	3,700		1	3,500		4	3,650	5	9,700								3	650		
County Total	3	3,700		1	3,500		4	3,650	7	35,950								3	650		
Cerro Gordo County Clear Lake P.D. Hason City P.D.	1	507	507	4	8,430										4	12,424					
County Total	1	507	507	4	8,430		1	150		552	32				4	12,424					
Cherokee County Cherokee P.D.	2	1,004		1	2,400		1	1,320										3	1,541		
County Total	2	1,004		1	2,400		1	1,320										3	1,541		
Chickasaw County New Hampton P.D.	5	24,200	16,000	3	465		2	2,900	500	6	2,847	400	1	525	1	2,800	2,000	2	1,250	11,000	
County Total	5	24,200	16,000	3	465		2	2,900	500	6	2,847	400	1	525	1	2,800	2,000	2	1,250	11,000	
Clarke County Osceola P.D.	5	1,200		6	4,700													1	250	250	
County Total	5	1,200		6	4,700													1	250	250	
Clay County Spencer P.D.	6	4,570		2	1,300		1	900		5	5,060	3,500	2	1,600				2	60		
County Total	6	4,570		2	1,300		1	900		12	14,890	3,500	2	1,600				2	60		
Clayton County	7	23,430	830	4	7,350	550	3	942	900	15	23,516	8,505	1	3,500	1	100		9	2,245	20	
County Total	7	23,430	830	4	7,350	550	3	942	900	15	23,516	8,505	1	3,500	1	100		9	2,245	20	
Clinton County Clinton P.D. Comanche P.D. DeHitt P.D.	5	10,750	1,000	7	3,870		2	2,000	2,000	15	15,835	2,000			1	5,950		7	1,067		
County Total	5	10,750	1,000	7	3,870		2	2,000	2,000	15	15,835	2,000			1	5,950		7	1,067		

Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered
Crawford County	1	400							2	292			1	140					1	120	
Danison P.D.									3	1,280											
County Total	1	400							5	1,572			1	140					1	120	
Dallas County	5	3,350		4	2,710				3	1,350											
Perry P.D.									1	200	100										
Adel P.D.	1	1,100																			
County Total	6	4,450		4	2,710				4	1,550	100										
Davis County	6	2,700		1	400		3	1,215	405	6	6,800	4,600	3	6,180							
Bloomfield P.D.																					
County Total	6	2,700		1	400		3	1,215	405	6	6,800	4,600	3	6,180							
Decatur County	1	500		1	1,450		3	3,550	450	3	6,185	4,500							4	1,068	
County Total	1	500		1	1,450		3	3,550	450	3	6,185	4,500							4	1,068	
Delaware County	1	500		2	6,500										1	200			12	3,493	50
Manchester P.D.																			4	2,525	50
County Total	1	500		2	6,500										1	200			16	6,018	100
Des Moines County	2	1,450		2	2,400		1	300		2	10,723				1	5,423			1	150	
Burlington P.D.																					
West Burlington P.D.																					
County Total	2	1,450		2	2,400		1	300		2	10,723				1	5,423			1	75	
Dickinson County	2	4,000	1,000	1	90		2	385		3	775				1	660			2	234	
Spirit Lake P.D.																					
County Total	2	4,000	1,000	1	90		2	385		3	775				1	660			2	234	
Dubuque County	6	7,875		1	800		3	1,560	500	4	7,456	5,000									
Dubuque P.D.										5	9,126										
Dyersville P.D.																				1	90
County Total	6	7,875		1	800		3	1,560	500	9	16,582	5,000							1	90	
Emmet County																					
Estherville P.D.																					
County Total																					
Fayette County	6	3,150		8	5,375		2	340		12	7,455	500	2	450					8	3,949	35
Oelwein P.D.																					
West Union P.D.																					
Fayette P.D.																					
County Total	6	3,150		8	5,375		2	340		12	7,455	500	2	450					8	3,949	35
Floyd County	1	300		1	440					7	1,970								2	360	
Charles City P.D.																					
County Total	1	300		1	440					7	1,970								2	360	

Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered
Franklin County	1	140		2	3,220				7	1,982					1	210					
Hampton P.D.																			1	80	
County Total	1	140		2	3,220				7	1,982					1	210		1	80		
Fremont County	3	4,750		1	900		2	120	4	30,500	30,000	1	400		1	7,000					
County Total	3	4,750		1	900		2	120	4	30,500	30,000	1	400		1	7,000					
Greene County	6	9,360		5	5,632		1	360	7	5,930	6,000	1	100					2	300		
Jefferson P.D.									1	440											
County Total	6	9,360		5	5,632		1	360	8	6,370	6,000	1	100					2	300		
Grundy County				2	3,050		1	25											2	1,300	
Grundy Center P.D.																					
County Total				2	3,050		1	25											2	1,300	
Guthrie County	5	9,350	1,800	3	2,470										1	2,400			6	645	
County Total	5	9,350	1,800	3	2,470										1	2,400			6	645	
Hamilton County				1	1,680										1	675					
Webster City P.D.																					
County Total				1	1,680										1	675					
Hancock County									5	6,000					4	2,665			7	836	
Garner P.D.																					
County Total									5	6,000					4	2,665			7	836	
Hardin County	3	760		1	100		1	3,050											4	971	
Iowa Falls P.D.																					
Eldora P.D.																					
County Total	3	760		1	100		1	3,050											4	971	
Harrison County	2	5,800		4	1,490		1	500	500	14	3,499	200	6	3,637					2	325	
Missouri Valley P.D.																					
County Total	2	5,800		4	1,490		1	500	500	14	3,499	200	6	3,637					2	325	
Henry County	3	1,650		2	870		1	36	4	3,816									1	90	
Mt. Pleasant P.D.									1	26,000											
County Total	3	1,650		2	870		1	36	5	29,816									1	90	
Howard County	3	2,600		1	2,650		1	80	3	1,215			1	20	1	122			5	625	
Cresco P.D.									1	600											
County Total	3	2,600		1	2,650		1	80	4	1,815			1	20	1	122			5	625	
Humboldt County									3	6,247					1	8,250			4	566	
Humboldt P.D.																					
County Total									3	6,247					1	8,250			4	566	
Ida County	3	8,437					1	345	1	860									1	16	
County Total	3	8,437					1	345	1	860									1	16	

Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered
Iowa County	2	1,000		2	1,530	770				7	5,195					1	1,520		26	8,833	1,500
County Total	2	1,000		2	1,530	770				7	5,195				1	1,520		26	8,833	1,500	
Jackson County	2	1,400		1	400		1	200		7	3,300								35	32,525	
Maquoketa P.D.				1	400		1	600													
County Total	2	1,400		1	400		2	800		7	3,300								35	32,525	
Jasper County	10	20,205		7	8,836	3,319	3	2,870	2,500	4	865		1	3,500		1	350		3	544	
Newton P.D.																					
County Total	10	20,205		7	8,836	3,319	3	2,870	2,500	4	865		1	3,500		1	350		3	544	
Jefferson County	6	2,425		6	12,037					1	75		1	5,700					10	2,530	
Fairfield P.D.																			1	350	350
County Total	6	2,425		6	12,037					1	75		1	5,700					11	2,880	350
Johnson County	1	200		7	6,746		1	350		6	2,365								9	4,467	
Coralville P.D.																					
Iowa City P.D.																					
Univ. of Iowa P.D.																					
County Total	1	200		7	6,746		1	350		6	2,365								9	4,467	
Jones County	2	3,000		3	1,620		6	2,280		3	295		2	1,500					19	6,681	
Anamosa P.D.																					
Monticello P.D.																					
County Total	2	3,000		3	1,620		6	2,280		3	295		2	1,500					19	6,681	
Keokuk County	7	9,930	180	10	12,938										1	5,555			5	2,613	1,000
County Total	7	9,930	180	10	12,938										1	5,555			5	2,613	1,000
Kossuth County	3	3,605		7	7,848					6	17,452		1	1,120		1	2,576		2	369	
Algona P.D.																					
County Total	3	3,605		7	7,848					6	17,452		1	1,120		1	2,576		2	369	
Lee County South	1	10,000																			
Lee County North	1	1,800		4	3,650					2	24,000	20,000	1	60					11	3,441	
Ft. Madison P.D.																					
Keokuk P.D.																					
County Total	2	11,800		4	3,650					2	24,000	20,000	1	60					11	3,441	
Linn County	6	18,040		3	3,210	500	6	8,670	7,250	3	13,000		1	300					6	3,327	75
Cedar Rapids P.D.										5	6,309										
Marion P.D.	1	300								1	8,000										
Hiawatha P.D.							1	11	8												
Mt. Vernon P.D.																					
County Total	7	18,340		3	3,210	500	7	8,681	7,258	9	27,309	2,000	1	300					6	3,327	75
Louisa County	3	590	250	3	3,000		3	1,575							2	1,445	45		3	1,250	
County Total	3	590	250	3	3,000		3	1,575						2	1,445	45			3	1,250	

Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered	# Thefts	Value of Property Stolen	Value of Property Re-Covered
Scott County	1	400		1	160		4	3,525					1	50					1	700	
Bettendorf P.D.																					
Davenport P.D.										2	1,375								1	30	
Eldridge P.D.							1	25							2	110			2	182	125
LeClarie P.D.																					
County Total	1	400		1	160		5	3,550		2	1,375		1	50		2	110		4	912	125
Shelby County	4	2,250					1	100		3	18,250		1	1,200					8	1,550	
Harlan P.D.	1	5,000					1	5,000	5,000												
County Total	4	2,250					2	5,100	5,000	3	18,250		1	1,200					8	1,550	
Sioux County	3	6,170		2	1,530					8	6,659		2	80		1	1,200	1,200	3	567	
Orange City P.D.																					
Hawarden P.D.										1	357										
Sioux Center P.D.																					
County Total	3	6,170		2	1,530					9	7,016		2	80		1	1,200	1,200	3	567	
Story County	6	1,750		1	1,400					4	2,445					1	4,320		3	1,150	
Ames P.D.							4	145													
Nevada P.D.																					
Story City P.D.				1	70																
Iowa State Univ. P.D.																					
County Total	6	1,750		2	1,470		4	145		4	2,445				1	4,320			3	1,150	
Tama County	12	4,720		6	8,223		2	425		2	230								3	1,130	
Tama P.D.																			2	107	
County Total	12	4,720		6	8,223		2	425		2	230								5	1,237	
Taylor County	17	19,605	6,400	12	19,401		2	1,500	500	10	37,999		3	51,150							
Taylor P.D.																					
County Total	17	19,605	6,400	12	19,401		2	1,500	500	10	37,999		3	51,150							
Union County	5	3,110		4	5,460					4	1,218								2	1,837	
Creston P.D.										3	3,383								1	1,907	
County Total	5	3,110		4	5,460					7	4,601								3	3,344	
Van Buren County	6	19,349		1	250					2	1,100	4,000									
Van Buren P.D.																					
County Total	6	19,349		1	250					2	1,100	4,000									
Wapello County	6	6,940		3	3,540					4	8,492								4	2,743	
Ottumwa P.D.																					
County Total	6	6,940		3	3,540					4	8,492								4	2,743	
Warren County	9	10,170		1	1,000					5	4,180				1	900			8	2,671	
Indianola P.D.							1	150		1	154										
Norwalk P.D.																					
Carlisle P.D.																					
County Total	9	10,170		1	1,000		1	150		6	4,334				1	900			8	2,671	
Washington County							1	200		3	21,000								5	2,880	
Washington P.D.																					
County Total							1	200		3	21,000								5	2,880	





Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered
O'Brien County Sheldon P.D.	1	750		4	14,338		1	3,300		3	2,075	1,750									280
County Total	1	750		4	14,338		1	3,300		3	2,075	1,750									280
Osceola County							1	400		2	400										
County Total							1	400		2	400										
Page County Clarinda P.D. Shenandoah P.D.	8	4,050		7	4,245		1	700	700	3	3,325	3,000	1	900	900				6	2,595	2,000
County Total	8	4,050		7	4,245		1	700	700	4	5,075	3,000	1	900	900				9	7,099	2,000
Palo Alto County Emmettsburg P.D.	2	810								4	2,445								1	70	
County Total	2	810					1	136		1	3,600								1	70	
Plymouth County LeMars P.D.	5	8,950	1,150	5	12,550		2	1,800		4	2,092	100			1	200			29	13,495	500
County Total	5	8,950	1,150	5	12,550		2	1,800		5	2,195	100			1	200			29	13,495	500
Pocahontas County										3	755		6	1,063		2	5,024		1	100	100
County Total										3	755		6	1,063		2	5,024		1	100	100
Polk County Ankeny P.D. Clive P.D. Des Moines P.D. Urbandale P.D. West Des Moines P.D. Windsor Heights P.D. Jolmston P.D. Altoona P.D. Pleasant Hill P.D.	3	3,250		2	320		5	5,600	700												
County Total	8	7,312		3	450		7	6,350	700	1	2,000	2,000									
Pottawattamie County Council Bluffs P.D. Carter Lake P.D.	5	1,800		8	10,430	4,670	5	980		12	17,670	12,350	3	400	50	1	5,000		22	8,172	100
County Total	6	2,600		8	10,430	4,670	6	1,080		12	17,670	12,350	3	400	50	1	5,000		22	8,172	100
Poweshiek County Grinnell P.D.	9	7,615		2	450					2	560		2	218					10	2,231	
County Total	9	7,615		2	450					2	560		2	218					10	2,231	
Ringgold County	22	8,900		2	1,650					3	8,340	15,000	2	7,220					7	1,595	
County Total	22	8,900		2	1,650					3	8,340	15,000	2	7,220					7	1,595	
Sac County Sac City P.D.	2	12,000	10,400	2	5,450														6	2,620	
County Total	2	12,000	10,400	2	5,450														6	2,620	

Agency	CATTLE			HOGS			OTHER LIVESTOCK			FARM MACHINERY			GRAIN			FARM CHEMICALS			OTHER FARM SUPPLIES		
	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered	# of Thefts	Value of Property Stolen	Value of Property Re-Covered
Wayne County	6	8,465					4	1,240		3	5,850	5,000	2	9,900					1	2,900	
County Total	6	8,465					4	1,240		3	5,850	5,000	2	9,900					1	2,900	
Webster County				2	2,600		4	1,745		4	4,545		2	1,103		2	37,462		11	3,844	
Fort Dodge P.D.								587	150												
County Total				2	2,600		4	2,332	150	4	4,545		2	1,103		2	37,462		11	3,844	
Winneshiek County				3	1,850								1	150		2	750		4	1,370	
Forest City P.D.							1	28		2	1,044										
County Total				3	1,850		1	28		2	1,044		1	150		2	750		4	1,370	
Winneshiek County	9	15,513		7	10,356		2	900		5	7,105	3,750	1	1,600		2	4,658		8	3,786	
Decorah P.D.																					
County Total	9	15,513		7	10,356		2	900		5	7,105	3,750	1	1,600		2	4,658		8	3,786	
Woodbury County	4	7,490		4	4,512		2	589		1	250	250				2	15,356	10,156			
Sioux City P.D.	1									6	14,735		1	270		1			1	600	600
County Total	5	7,490		4	4,512		2	589		7	14,985	250	1	270		3	15,356	10,156	1	600	600
Worth County	1	550					1												7	1,957	20
County Total	1	550					1												7	1,957	20
Wright County	1	200		1	1,840		1	400													
Eagle Grove P.D.																1	4,000				
Belmond P.D.																					
Clarion P.D.																					
County Total	1	200		1	1,840		1	400							1	4,000					
STATE TOTAL	436	497,848	42,005	288	368,309	10,809	144	84,411	28,202	413	692,458	241,756	81	126,585	3,650	57	183,275	22,155	570	232,729	33,595

Table A-4  
Definitions of Farm Theft Items

1. Cattle
2. Hogs
3. All Other Livestock
4. Farm Machinery - defined as all machinery that is used specifically for agricultural/farm purposes. This category includes tractors, plows, cultivators, planters, discs, farm wagons, combines, balers, rakes, elevators, etc. It does not include riding lawn mowers/garden tractors, garden roto tillers, etc.
5. Grain - defined as all grains such as corn, soybeans, oats, wheat, etc. This category does not include seed grains used for planting purposes.
6. Farm Chemicals - defined as fertilizers, insecticides, and herbicides.
7. Other Farm Supplies - defined as parts from farm machinery, supplies or equipment used specifically for agricultural/farm purposes. This category includes seed grain for planting purposes, commercial livestock feeds, livestock feeders and confinement materials and parts from farm machinery. It does not include tools, chain saws, welders, air compressors, saddles, etc.

**END**