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ESTIMATING U.S. LIVESTOCK AND POULTRY MANURE AND NUTRIENT PRODUCTION

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SUMMARY

Livestock and poultry manure is a valuable resource which may be used to supplement or replace inorganic fertilizer or livestock feed. It may also be used for energy production or other purposes. Ineffective utilization may result in waste of manure and nutrients or pollution from improper storage and disposal.

This study presents estimates of manure and nutrient production by county in the United States in 1974, the latest year for which data are available. Current estimates may be obtained by multiplying available livestock and poultry numbers times the appropriate factors provided in tables 1 and 2. This information should prove beneficial to researchers, scientists, and businessmen interested in manure production, availability, and potential environmental impacts.

About 112 million tons of manure (dry basis) are estimated to have been voided by livestock and poultry in the United States in 1974. About 47 percent was produced by beef cattle on range, 23 percent from dairy cattle, and 12 percent from hogs. The estimated amounts of nitrogen, phosphorus, and potassium initially included in the manure were 4.1, 1.0, and 2.4 million tons, respectively.

Manure and nutrients available for use often differ significantly from what is initially voided. Different lengths of storage time and different types of waste handling systems influence manure losses, which amounted to about 11 percent in 1974. Nitrogen and potassium decreased to 2.6 and 2.3 million tons, respectively. Approximately half the manure (52.2 million tons) was estimated to have been produced in areas where economic collection was feasible. The remainder was voided by livestock on range and pastureland.

ESTIMATING U.S. LIVESTOCK AND POULTRY MANURE AND NUTRIENT PRODUCTION

*Donald L. Van Dyne
Conrad B. Gilbertson 1/*

INTRODUCTION

Livestock and poultry manure is a valuable resource, especially when it is to be used to supplement or replace inorganic fertilizer or livestock feed, for energy production, or other purposes. In many cases it is not effectively utilized, is wasted, or may cause pollution from improper storage or disposal. Effective utilization of this resource requires a knowledge of the quantity available and its nutrient content. This study presents estimates of manure and nutrient production by county in the United States in 1974. The data should be especially beneficial to researchers, scientists, and businessmen interested in manure production, availability, and potential environmental impacts.

Manure and nutrients produced in the United States in 1974 are estimated for 3,050 counties based on animal numbers that year. More recent data are unavailable on a county basis; however, current estimates may be obtained by multiplying available livestock and poultry numbers times the appropriate factors provided in tables 1 and 2.

The quantity of solids and nitrogen available for use from livestock and poultry changes significantly from the amount initially voided (3). 2/ These changes are influenced primarily by the type of waste handling systems, climatic conditions, and general waste management practices. The type of waste handling system used influences both losses incurred while the manure is in storage and gains from the addition of litter, bedding, spilled feed and water, or soil. Losses are also influenced by the length of time manure is stored in a system and whether the manure is handled as a solid, slurry, or liquid.

1/ Van Dyne is an agricultural economist with the Economics, Statistics, and Cooperatives Service, and Gilbertson an agricultural engineer with the Science and Education Administration, U.S. Department of Agriculture.

2/ Underscored numbers in parentheses refer to references listed at the end of this report.

Changes in the amount of manure and nutrients attributable to waste handling systems are considered in this analysis. Changes due to climatic conditions, general management practices, and other factors are not considered.

Estimates of manure produced in confinement and other areas where collection is possible are presented in this report. This information will become particularly important as a larger percentage of the total livestock and poultry manure resource is removed for off-farm use.

METHODOLOGY

Estimates of total manure and nutrient production are based on livestock and poultry numbers from the 1974 Census of Agriculture (8), manure production values (1 and 4), and waste management system adjustments (3).

Inventory numbers from the census are used for livestock usually on the farm the entire year (beef cattle on range, dairy cattle, sheep, and laying hens), and include replacement stock and offspring. Sales numbers are used for feeder cattle, hogs, turkeys, and broilers, and include allowance for manure and nutrients produced by the brood stock of each respective commodity.

A regional distribution of different types of waste handling systems is adapted to this study for each type of livestock and poultry. Among the different systems considered, depending on type of animal and region, are: dry handling systems with bedding or litter, paved and unpaved outdoor lots, dry or slurry pits, and lagoon or holding ponds, plus manure voided directly on pasture and range (3).

Manure and Nutrients Voided

Estimates of manure voided (dry basis) by each type of livestock and poultry are obtained by multiplying the appropriate inventory or sales number times the manure production coefficient (table 1). An estimate of the total amount of manure voided per county is obtained by summing all commodities. The same methodology is used to estimate the amount of nitrogen (N), phosphorus (P), and potassium (K).

Manure and Nutrient Losses

The amount of nutrients remaining for use depends on the type of manure handling system and on manure management practices. Adjustments to total

Table 1--Manure and nutrients voided by livestock and poultry

Commodity	: Production : : period :	: Manure : : (dry wt) :	: Nutrients <u>1/</u>		
			: N :	: P :	: K :
	: Days	---Pounds per animal per production period---			
Beef cattle (range) <u>2/</u>	: 365	2,159	61.3	17.9	39.1
Feeder cattle	: 180	800	30.7	9.0	19.5
Dairy cattle <u>2/</u>	: 365	4,750	153.4	25.9	122.8
Fat hogs <u>3/</u>	: 120	203	16.5	3.8	6.0
Sheep <u>2/</u>	: 365	236	9.2	2.3	9.3
Laying hens <u>2/</u>	: 365	24	1.1	.5	.5
Turkeys <u>2/</u>	: 140	23	1.4	.4	.4
Broilers	: 56	2	.1	.03	.03

1/ N = nitrogen, P = phosphorus, and K = potassium.

2/ Includes allowance for replacement stock and offspring where applicable.

3/ Includes allowance for breeding stock.

Source: (4 and 6).

manure and nutrient production considered in these data include losses from volatilization, runoff, and seepage. Liquid waste handling systems, such as anaerobic lagoons, oxidation ditches, and holding ponds, generally result in larger losses of solids and some nutrients, such as N, than do solid handling methods such as manure packs and storage bunkers.

Manure handling systems are categorized for each commodity on a regional basis. Values for manure (dry weight), N, P, and K are weighted averages based on the types of handling systems typical for each commodity by production area (table 2). Recoverable materials are estimated by subtracting that portion of manure and nutrients voided on pasture areas. 3/

Manure Per Land Area Ratio

A ratio of manure production to land area in farms is calculated by county, State, and the United States. This ratio provides an indication of

3/ Manure includes the material initially voided by livestock and poultry, spilled feed and water, bedding, litter, and soil which becomes incorporated at time of cleanout. Recoverable manure and nutrients are those voided in confinement lots (paved and unpaved) and other areas where technical and economic recovery is possible and practical.

Table 2--Weighted averages of manure and nutrients available

Commodity	Production area <u>1/</u>	Production period	Manure and nutrients (after losses from storage and waste handling systems) <u>2/</u>			Manure and nutrients which are economically recoverable				
			Manure (dry wt)	N	P	Manure (dry wt)	N	P		
		Days	-----Pounds per animal per production period-----							
Beef cattle (range)	1	365	1,971	43.1	17.9	39.1	164	3.6	1.5	3.3
	2		1,971	43.1	17.9	39.1	---	---	---	---
Feeder cattle	3	180	1,222	20.0	7.3	11.2	1,222	20.0	7.3	11.2
	4		1,234	20.4	6.7	8.8	1,234	20.4	6.7	8.8
Dairy cattle	5	365	4,357	114.5	27.5	141.5	3,922	103.8	24.9	129.2
	6		5,350	107.2	26.3	122.5	3,175	55.2	12.9	61.3
	7		5,462	111.2	27.1	135.0	5,028	102.2	24.3	122.7
	8		6,150	105.5	26.3	122.5	5,715	98.1	23.3	110.3
Fat hogs	9	120	131	7.9	3.4	5.4	87	4.5	2.2	3.7
	10		134	8.5	3.4	5.4	66	3.4	1.7	2.8
Sheep	<u>3/</u>	365	213	6.4	2.4	10.1	106	3.0	1.1	4.7
Laying hens	<u>3/</u>	365	23	.7	.5	.5	23	.7	.5	.5
Turkeys	11	140	29	1.0	.4	.5	22	.8	.3	.5
	12		29	1.0	.4	.6	27	1.0	.4	.6
	13		29	.9	.4	.4	13	.5	.2	.3
	14		28	1.0	.4	.5	18	.6	.2	.4
Broilers	<u>3/</u>	56	2	.1	.03	.04	2	.1	.03	.04

1/ Production areas are organized according to similar manure and nutrient production characteristics. Area 1--Northern States, including Nevada to Virginia, all States in between, and those northward; area 2--Southern States; area 3--North Dakota, South Dakota, Nebraska, Kansas, Arkansas, Louisiana, and all States eastward; area 4--Western States; area 5--the Northeast, Appalachia, Corn Belt, Lake States, northern Plains, and northern Mountain States; area 6--the Southeast, northern California, Oregon, and Washington; area 7--the southern Plains; area 8--southern California, Arizona, and New Mexico; area 9--the Corn Belt, Lake States, South Dakota, Nebraska, Kansas, Texas, Kentucky, Tennessee, North Carolina, and Georgia; area 10--all areas of the United States not included in area 9; area 11--the Northeast; area 12--the Middle Atlantic and Pacific States; area 13--East North Central, West South Central, and Mountain States; area 14--West North Central, South Atlantic, and East South Central States.

2/ N = nitrogen, P = phosphorus, K = potassium.

3/ Little noticeable difference among different regions of the United States.

Source: (3 and 6).

animal concentration which may be used as a guide to estimate the pollution potential of manure by types of commodity. This ratio assumes an even distribution of manure per acre of crop and pastureland within a county. Caution should be exercised in using these data for policymaking decisions, as the numbers of livestock and the types of waste handling systems may change.

Both private and public lands are used to calculate the ratios, and include cropland harvested, improved and unimproved pastureland, and wooded pastureland. Areas of privately owned land are from (8). Federally administered land, including Bureau of Land Management and Indian Reservation land, U.S. Department of Interior, and Forest Service land, U.S. Department of Agriculture are from (7, 9, and 10).

MANURE AND NUTRIENT PRODUCTION

Manure and nutrient production includes the amounts voided by livestock and poultry, after losses from waste handling systems, and estimates of the amounts produced in areas where economic recovery is possible.

Manure

Livestock and poultry manure voided in the United States in 1974 was an estimated 112 million tons (dry basis) (table 3). About 47 percent was produced by beef cattle on pasture and range, 23 percent from dairy cattle (including replacement stock and calves), and 30 percent by other livestock and poultry (hogs, 12; feeder cattle, 9; sheep, 3; laying hens, 3; broilers, 2; and turkeys, 1 percent). The manure remaining after losses from storage and different waste handling systems was an estimated 89 percent (99.6 million tons) of the manure voided.

The amount of manure which can be economically recovered is of primary importance in identifying livestock and poultry manure as a natural resource. The estimated amount of recoverable manure in 1974 was about 52 million tons (dry basis) or about 52 percent of the total livestock and poultry manure. All the manure from feeder cattle, laying hens, and broilers is assumed to have been recoverable (table 3). Although almost half of the total manure estimated produced in the United States was from beef cattle on range, only about 4 percent is estimated to have been economically recoverable.

In 2,370 counties in the United States, 50 percent or more of the initial manure voided in each county was from a single commodity type (table 4). In 1,731 of the counties, beef cattle on range contributed more than 50 percent.

As the manure contribution from a single type of livestock or poultry increased from 50 to 90 percent, the number of counties decreased to 337. Beef cattle on range contributed 90 percent or more of the total manure produced in 282 of the counties, followed by dairy cattle, hogs, feeder

Table 3--Total manure and nutrient production, 1974 1/

Commodity	Manure and nutrients initially voided by livestock and poultry:			Manure and nutrients after losses from waste handling systems			Manure and nutrients which may be economically recovered for use elsewhere					
	Manure (dry wt)	N	P	Manure (dry wt)	N	P	Manure (dry wt)	N	P			
				<u>1,000 tons per year</u>								
Beef cattle (range)	52,057	1,267	370	807	40,731	890	370	807	1,897	41	17	38
Feeder cattle	10,428	399	117	254	16,000	263	92	132	16,000	263	92	132
Dairy cattle	25,210	814	137	652	23,567	575	138	707	20,358	498	119	617
Hogs	13,360	1,066	252	391	8,651	521	220	358	5,538	284	142	236
Sheep	3,796	147	37	150	3,422	103	38	163	1,700	48	18	75
Laying hens	3,374	158	68	68	3,259	92	68	68	3,259	92	68	68
Turkeys	1,251	76	21	24	1,540	52	20	26	983	36	13	21
Broilers	2,086	136	37	44	2,434	122	37	44	2,434	122	37	44
Total 2/	111,562	4,083	1,039	2,390	99,604	2,618	983	2,305	52,169	1,384	506	1,231

1/ N = nitrogen, P = phosphorus, K = potassium.

2/ Totals may differ slightly from those in table 5 and appendix tables 1 and 2 due to computer rounding error.

Source: Based on coefficients in tables 1 and 2, and on reference (8).

cattle, sheep, laying hens, broilers, and turkeys in a decreasing order of importance.

The same type of relationship existed among the different types of livestock and poultry when considering manure after losses from storage and waste handling systems. As the manure production per county by a single type of livestock or poultry increased from 50 to 90 percent, the number of counties decreased from 2,260 to 290 (table 4).

When consideration was given to manure which can be economically recovered, a change in the ranking of the type of livestock and poultry resulted. More counties had a higher contribution of manure from dairy cattle, followed by feeder cattle, hogs, broilers, laying hens, sheep, beef cattle on range, and turkeys in a decreasing order of importance.

Nutrients

The total nitrogen in the manure voided by livestock and poultry in 1974 was about 4.1 million tons (table 3). About 2.6 million tons remained after storage and handling losses. Only 1.4 million tons of nitrogen are estimated to have been economically recoverable for use elsewhere. Thus, about one-third of the nitrogen originally voided was potentially available for collection and use elsewhere.

The phosphorus initially voided, that remaining after losses from waste handling systems, and that available for recovery and use elsewhere were an estimated 1.0, 1.0 and 0.5 million tons, respectively, for all livestock and poultry in the United States in 1974. 4/

The potassium (K) in manure voided by livestock and poultry was an estimated 2.4 million tons. About the same amount remained after considering losses from different types of waste handling systems because of the bedding and other debris included in much of the manure. Even though potassium is soluble in water and could be lost in runoff, it is assumed that runoff controls were utilized and all potential losses were recovered. About 52 percent of the potassium voided is estimated to have been economically recoverable.

A listing of manure and nutrients produced by State for all livestock and poultry is shown in table 5. Texas had the largest total manure production of any State in 1974; however, almost two-thirds of the manure was produced by beef cattle and sheep on range, and was not economically available for collection and use elsewhere.

4/ Additional losses of P and K may occur from lots and exercise areas due to runoff. Estimates of these losses should be made on a local basis, and the data in appendix table 2 changed to reflect these estimates.

Table 4--Number of counties where the contribution of manure from a single type of livestock or poultry is 50 percent or more, 1974 1/

Percent	Number of counties								
	Beef cattle (range)	Feeder cattle	Dairy cattle	Hogs	Sheep	Laying hens	Turkeys	Broilers	Total
<u>Manure initially voided by livestock and poultry</u>									
50	1,731	57	427	101	19	18	1	16	2,370
60	1,394	36	327	29	6	7	0	7	1,806
70	971	25	233	13	3	2	0	3	1,250
80	610	12	134	7	0	0	0	1	764
90	282	2	51	2	0	0	0	0	337
<u>Manure after losses from storage and waste handling systems</u>									
50	1,577	112	462	29	26	24	4	26	2,260
60	1,223	66	354	15	8	9	1	12	1,688
70	803	47	254	7	3	2	0	6	1,122
80	487	28	148	5	0	1	0	3	672
90	212	10	66	2	0	0	0	0	290
<u>Manure which is economically recoverable</u>									
50	67	371	1,184	153	97	106	9	141	2,128
60	37	263	962	71	76	58	5	98	1,570
70	20	183	712	36	58	31	4	61	1,105
80	13	123	460	17	46	12	1	32	704
90	3	77	223	10	30	5	0	9	357

1/ 3,050 counties were considered.

Source: Based on coefficients in tables 1 and 2, and on reference (8).

Table 5--Livestock and poultry manure and nutrient production, 1974

State	Manure and nutrients initially voided by livestock and poultry			Manure and nutrients after losses from storage and waste handling systems			Manure and nutrients which may be collected for use elsewhere					
	Manure	N	P	K	Manure	N	P	K	Manure	N	P	K
1,000 tons												
Alabama	2,197	80	22	41	1,945	56	22	40	734	27	10	15
Alaska	12	0	0	0	11	0	0	0	6	0	0	0
Arizona	1,190	40	11	27	1,330	27	9	22	883	16	5	11
Arkansas	2,188	83	24	41	2,002	61	23	40	865	34	13	17
California	5,062	177	46	117	4,134	93	37	78	2,847	63	25	46
Colorado	2,600	86	24	56	2,642	58	21	47	1,534	30	10	21
Connecticut	185	7	2	4	178	5	2	5	160	4	2	5
Delaware	76	4	1	2	73	3	1	2	60	2	1	2
Florida	2,215	66	18	41	1,954	45	18	40	568	14	6	11
Georgia	2,449	101	28	49	2,183	67	27	48	1,040	37	16	23
Hawaii	175	6	2	3	159	4	1	3	67	1	1	1
Idaho	1,606	48	12	34	1,432	33	12	33	667	15	5	15
Illinois	3,711	189	46	89	3,091	104	42	84	1,897	60	26	52
Indiana	2,600	133	33	62	2,145	74	30	60	1,337	44	19	39
Iowa	8,166	416	102	196	7,088	230	92	179	4,506	134	57	112
Kansas	4,320	150	40	88	4,148	96	37	78	2,280	49	19	38
Kentucky	2,588	85	21	51	2,108	55	20	53	850	24	8	26
Louisiana	1,351	39	10	25	1,186	27	10	25	301	7	2	6
Maine	309	13	4	7	309	10	4	8	284	9	4	7
Maryland	619	26	6	15	584	20	6	16	480	17	5	13
Massachusetts	170	6	1	4	159	4	1	5	136	4	1	4
Michigan	1,549	59	13	38	1,464	40	13	41	1,123	29	9	32
Minnesota	4,374	189	44	106	4,032	118	41	111	2,917	82	28	83
Mississippi	2,079	66	18	38	1,811	47	18	37	529	17	7	10
Missouri	4,957	188	48	100	4,045	115	46	98	1,599	49	20	45
Montana	2,607	72	20	47	2,150	49	20	46	489	11	4	10

Continued--

Table 5--Livestock and poultry manure and nutrient production, 1974--Continued

State	Manure and nutrients initially voided by livestock and poultry			Manure and nutrients after losses from storage and waste handling systems			Manure and nutrients which may be collected for use elsewhere			
	Manure	N	P	Manure	N	P	Manure	N	P	
1,000 tons										
Nebraska	5,240	196	52	4,945	120	48	2,710	61	24	47
Nevada	504	14	4	418	9	4	105	2	1	2
New Hampshire	103	4	1	98	3	1	85	2	1	3
New Jersey	172	7	2	158	4	2	130	4	1	4
New Mexico	1,234	36	10	1,138	25	10	405	8	3	6
New York	2,330	77	15	2,196	57	15	1,904	49	13	60
North Carolina	1,797	88	23	1,636	55	22	918	34	14	22
North Dakota	2,024	60	16	1,671	41	16	499	13	4	13
Ohio	2,406	104	25	2,089	63	23	1,431	42	16	42
Oklahoma	3,307	92	26	2,903	64	25	780	16	5	12
Oregon	1,350	40	11	1,210	28	11	427	9	3	8
Pennsylvania	2,293	84	19	2,171	59	19	1,790	48	15	52
Rhode Island	20	1	0	18	1	0	15	0	0	0
South Carolina	664	25	7	585	16	7	221	6	3	5
South Dakota	3,959	136	36	3,355	86	34	1,312	35	13	33
Tennessee	2,426	79	20	1,979	52	20	679	21	7	21
Texas	11,312	339	94	10,564	233	89	4,144	86	29	63
Utah	877	28	7	763	19	7	341	9	3	10
Vermont	468	15	3	443	11	3	391	10	3	13
Virginia	1,616	58	15	1,382	39	14	672	21	7	19
Washington	1,134	36	9	1,141	25	9	591	12	4	9
West Virginia	468	15	4	399	10	4	165	5	2	5
Wisconsin	5,094	184	36	4,807	129	36	3,994	105	29	126
Wyoming	1,433	41	11	1,191	29	11	304	8	3	9
Total	111,586	4,088	1,042	99,623	2,619	983	52,172	1,385	506	1,228

Source: Based on coefficients in tables 1 and 2, and on reference (8).

Manure Per Land Area Ratio

Manure production (dry basis) per acre of land available for spreading ranged from 48 to 1,493 pounds per acre (table 6). The ratios vary depending on the amount of manure and the number of acres of land within geographic regions. Four ratios constructed for each region include: (1) manure after losses from storage and waste handling systems per acre of cropland, pastureland, and wooded pastureland; (2) manure economically recoverable per acre of cropland; (3) manure after losses from storage and waste handling systems per acre of cropland and improved pastureland; and (4) manure which can be economically recovered per acre of cropland and improved pastureland. These are calculated to show the relative concentrations of manure among all the counties in the United States and how the concentrations changed assuming different types of land area.

The largest ratio of manure to land area is either category (2) or (3), depending on the region of interest. The New England area had the highest concentration of manure to land area of any region for each of the four ratios.

The values shown on table 6 are for manure on a dried basis. However moisture will almost always be included in manure that is spread. Therefore, the ratio will increase as the moisture content of the manure increases. The ratios in table 6 will double if the moisture content of manure is 50 percent. With a moisture content of 95 percent, the ratio would increase by 20 times.

Table 6--Ratios of livestock and poultry manure production per acre of cropland and pastureland, 1974

Region	: Manure after losses :		: Manure economically recoverable per acre :		: Manure after losses from storage/waste handling systems per acre cropland, and wooded pastureland :		: Manure economically recoverable per acre cropland and improved pastureland :	
	: from storage/waste handling systems per acre cropland, and wooded pastureland :	: from storage/waste handling systems per acre cropland, and wooded pastureland :	: Manure economically recoverable per acre cropland	: Manure economically recoverable per acre cropland and improved pastureland	: Manure after losses from storage/waste handling systems per acre cropland, and wooded pastureland :	: Manure after losses from storage/waste handling systems per acre cropland, and wooded pastureland :	: Manure economically recoverable per acre cropland and improved pastureland	: Manure economically recoverable per acre cropland and improved pastureland
	<u>Pounds per acre 1/</u>							
New England	788	1,493	1,146	1,018				
Middle Atlantic	610	904	774	654				
East North Central	349	343	399	287				
West North Central	223	261	350	189				
South Atlantic	396	477	652	305				
East South Central	370	377	527	188				
West South Central	180	319	500	183				
Mountain Pacific	48	393	537	230				
	121	478	556	329				
United States	166	349	455	238				

1/ Manure is on a dry basis. To convert pounds per acre to wet weight, multiply values in table by the appropriate factors:

Percent manure moisture content	Multiplication factor
10	1.1
30	1.4
50	2.0
70	3.3
80	5.0
90	10.0
95	20.0

Source: Based on coefficients in tables 1 and 2, and on references (7, 8, 9, and 10).

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- (10) _____, Unpublished data on land acreage on Indian reservations, compiled by A. Woll. Bur. Ind. Aff., 1975.

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974

STATE AND COUNTY	TONS	1,000 ACRES	PCOUNDS PER ACRE	BEEF	DAIRY	HOGS	TOTAL	KEYS	ERS	RECOVERABLE
				PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
ALABAMA										
AUTAUGA	17,118	118	289	71	2	5	21	0	0	1
BALDWIN	33,345	197	338	61	7	23	4	0	5	0
BARBOUR	26,298	189	278	77	1	10	5	0	3	0
BIBB	9,640	42	457	75	3	9	3	0	1	0
BLOUNT	65,580	128	1,022	33	1	11	4	0	30	0
BULLOCK	20,716	173	240	89	1	6	2	0	1	0
BUTLER	23,903	113	425	57	2	11	6	0	6	0
CALHOUN	23,939	83	577	46	2	15	1	0	7	0
CHAMBERS	18,911	98	388	69	2	11	1	0	13	0
CHEROKEE	22,452	99	453	42	2	10	7	0	31	0
CHILTON	16,783	90	372	86	1	7	6	0	0	0
CHOCTAW	9,762	68	288	77	1	12	2	0	0	8
CLARKE	9,880	72	273	89	3	4	4	0	0	0
CLAY	22,402	59	760	42	0	15	2	0	18	0
CLEBURNE	18,541	39	946	32	0	6	2	0	10	0
COFFEE	38,308	159	482	39	2	10	9	0	2	0
COLBERT	21,477	121	356	63	5	7	6	0	0	0
CONECUH	16,050	91	353	73	3	16	8	0	0	0
COOSA	9,898	46	435	66	1	4	4	0	1	0
COVINGTON	31,899	174	366	62	1	5	11	0	3	0
CRENSHAW	28,394	116	491	44	2	9	9	0	12	0
CULLMAN	124,297	173	1,435	26	0	7	3	0	18	0
DALE	17,290	110	314	65	2	4	14	0	2	0
DALLAS	39,800	298	267	85	1	9	3	0	3	0
DE KALB	90,228	178	1,012	26	0	6	6	0	21	0
ELMORE	30,122	131	462	65	1	30	1	0	1	0
ESCAMBIA	16,237	108	301	59	21	11	8	0	1	0
ETOWAH	30,285	93	654	47	1	18	3	0	7	0
FAYETTE	10,484	50	417	59	1	26	12	0	2	0
FRANKLIN	40,521	120	678	42	1	10	8	0	4	0
GENEVA	39,319	175	450	51	21	6	8	0	1	0
GREENE	20,654	131	316	81	4	12	2	0	1	0
HALE	29,389	162	363	61	1	37	1	0	0	0
HOUSTON	20,714	126	328	61	1	11	24	0	3	0
JACKSON	34,980	179	391	67	8	9	14	0	2	0
JACKSON	31,033	179	346	60	2	8	10	0	6	0
JEFFERSON	21,793	41	1,071	32	1	24	2	0	36	0
LAMAR	9,705	57	342	60	0	25	10	0	0	0
LAUDERDALE	32,095	187	342	71	2	14	10	0	0	0
LAWRENCE	50,647	189	536	48	1	6	4	0	13	0
LEE	15,764	92	342	74	0	10	4	0	12	0
LIMESTONE	30,309	204	298	62	1	27	6	0	5	0
LOWNDES	52,581	251	419	58	34	4	1	0	0	0
MACON	20,378	154	264	79	0	9	3	0	6	0
MADISON	40,504	288	282	68	1	3	8	0	6	0

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	OTHER POULTRY	PERCENT OF TOTAL	PERCENT
	TONS	1,000 ACRES	POUNDS PER ACRE									
ALABAMA												
MARENGO	35,201	243	290	85	0	14	1	0	0	0	0	9
MARION	17,523	84	420	59	0	12	0	0	0	0	18	32
MARSHALL	67,442	124	1,084	31	1	6	6	12	0	0	44	63
MOBILE	24,865	105	471	56	4	27	5	7	0	0	0	30
MONROE	16,688	113	294	70	2	11	11	0	0	0	0	14
MONTGOMERY	63,605	331	384	70	1	25	1	0	0	0	1	19
MORGAN	48,377	141	685	47	8	10	5	0	0	0	22	46
PERRY	28,437	156	364	57	1	36	6	0	0	0	0	25
PICKENS	28,468	127	448	37	1	21	5	0	0	0	32	52
PIKE	35,140	221	317	63	1	11	7	0	0	0	9	29
RANDOLPH	11,765	71	331	79	1	14	5	0	0	0	0	13
RUSSELL	11,765	114	206	79	1	14	5	0	0	0	0	13
ST. CLAIR	24,011	71	673	49	1	14	2	0	0	0	29	45
SHELBY	25,752	69	748	35	2	32	4	0	0	0	13	50
SUMTER	24,946	209	239	89	2	5	1	0	0	0	0	9
TALLADEGA	24,651	101	487	63	2	15	3	0	0	0	14	29
TALLAPOOSA	11,143	66	338	69	0	10	1	0	0	0	6	26
TUSCALOOSA	17,096	92	370	66	1	17	6	0	0	0	7	25
WALKER	25,646	47	1,084	30	1	9	13	0	0	0	36	67
WASHINGTON	15,580	96	324	56	1	7	8	1	0	0	22	37
WILCOX	22,175	183	243	89	2	7	2	0	0	0	0	8
WINSTON	30,402	54	1,121	22	0	12	3	0	0	0	54	71
TOTAL	1,945,103	8,769	444	54	3	13	5	0	0	0	17	38
ALASKA												
ANCHORAGE AREA	3,832	268	29	3	0	91	1	0	0	0	0	88
KENAI-COOK IN SEWARD	228	44	10	67	0	29	1	1	0	0	0	35
FAIRBANKS AREA	483	173	6	9	0	33	28	3	0	1	1	73
ALEUTIAN IS AREA	6,157	1,112	11	45	1	0	0	54	0	0	0	32
TOTAL	10,700	1,597	13	29	1	35	2	31	0	0	0	54
ARIZONA												
APACHE	67,139	9,687	14	54	0	1	0	45	0	0	0	23
COCHISE	55,720	2,957	38	88	3	6	3	0	0	0	0	10
COCONINO	39,750	12,953	6	51	0	0	0	49	0	0	0	25
GILA	20,756	3,468	12	98	1	1	0	0	0	0	0	2
GRAHAM	42,401	4,008	21	56	34	2	9	0	0	0	0	40

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	FEEDER CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	OTHER BIRDS	PERCENT OF TOTAL	ECONOMICALLY RECOVERABLE
ARIZONA													
GREENLEE	7,418	1,153	13	94	0	3	3	1	0	0	0	0	4
MARICOPA	433,765	4,254	204	6	50	36	1	7	1	0	0	0	88
MOHAVE	32,293	7,729	8	94	2	4	0	0	0	0	0	0	6
NAVAJO	60,575	10,269	12	47	0	2	5	45	0	0	0	0	28
PIMA	74,028	7,204	21	54	25	16	3	0	3	0	0	0	44
PINAL	303,740	2,973	204	8	87	1	1	4	0	0	0	0	90
SANTA CRUZ	24,666	681	72	66	33	1	0	0	0	0	0	0	34
YAVAPAI	43,174	4,624	19	93	1	4	1	0	1	0	0	0	6
YUMA	124,680	2,818	89	4	90	1	0	5	0	0	0	0	94
TOTAL	1,330,105	74,778	36	27	48	14	1	10	1	0	0	0	66
ARKANSAS													
ARKANSAS	5,667	370	31	87	3	5	4	0	0	0	0	0	8
ASHLEY	8,049	143	112	89	1	5	1	0	0	0	0	0	9
BAXTER	14,419	85	341	58	1	13	4	0	0	21	3	0	24
BENTON	157,691	246	1,280	31	1	12	2	0	7	15	32	0	56
BOONE	38,418	223	344	67	2	20	5	0	0	6	0	0	20
BRADLEY	17,611	23	1,552	28	0	2	32	0	17	0	21	0	55
CALHOUN	4,617	21	431	67	0	10	1	0	17	0	4	0	29
CARROLL	71,764	204	702	36	0	20	3	0	4	25	11	0	42
CHICOT	12,069	266	91	92	5	2	1	0	0	0	0	0	7
CLARK	15,786	111	284	85	1	8	1	0	3	0	1	0	11
CLAY	12,519	275	91	64	6	8	13	0	8	0	0	0	26
CLEBURNE	34,449	114	606	44	0	7	1	0	3	0	45	0	53
CLEVELAND	12,092	37	655	47	1	6	1	0	0	0	46	0	50
COLUMBIA	20,715	60	693	48	0	9	1	0	13	0	29	0	47
CONWAY	36,881	160	460	44	1	13	1	0	1	18	22	0	41
CRAIGHEAD	7,892	326	48	62	5	5	12	0	16	0	0	0	30
CRAWFORD	28,618	128	448	54	0	6	2	0	2	0	36	0	43
CRITTENDEN	1,853	328	11	93	0	1	5	0	1	0	0	0	4
CROSS	6,408	304	42	85	5	5	4	0	0	0	0	0	11
DALLAS	4,305	25	344	77	0	5	4	0	17	0	0	0	20
DESHA	5,913	244	42	94	0	4	1	0	0	0	0	0	3
DREW	11,863	49	243	87	1	6	2	0	0	0	0	0	10
FAULKNER	40,191	206	391	66	0	30	1	0	3	0	0	0	22
FRANKLIN	49,128	166	594	36	1	17	0	0	1	34	12	0	41
FULTON	26,252	190	276	68	1	19	12	0	0	0	0	0	18
GARLAND	10,874	45	485	55	0	15	1	0	27	0	0	0	38
GRANT	8,416	34	491	71	1	15	4	0	9	0	0	0	21
GREENE	9,163	224	82	69	1	16	13	0	0	0	0	0	18
HEMPSTEAD	78,289	171	914	34	0	5	0	0	45	0	16	0	64

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	PERCENT
ARKANSAS					
HOT SPRING	13,245	62	428	2	16
HOWARD	40,712	86	945	0	2
INDEPENDENCE	42,564	254	335	3	5
IZARD	20,345	162	252	1	4
JACKSON	12,062	315	77	11	10
JEFFERSON	13,350	260	103	0	3
JOHNSON	22,707	103	441	1	4
LAFAYETTE	20,125	101	398	4	7
LAWRENCE	17,110	249	137	1	14
LEE	7,980	255	63	1	8
LINCOLN	14,666	193	152	2	9
LITTLE RIVER	18,685	144	259	1	2
LOGAN	48,838	179	547	0	29
LONOKE	36,377	359	203	5	38
MADISON	70,699	182	776	0	11
MARION	16,072	125	256	2	20
MILLER	26,769	161	333	11	15
MISSISSIPPI	3,426	484	14	0	3
MONROE	2,049	192	21	0	8
MONTGOMERY	18,736	61	616	0	3
NEVADA	27,258	87	627	0	6
NEWTON	13,233	72	370	0	19
OUACHITA	12,952	42	624	1	3
PERRY	14,460	41	700	0	2
PHILLIPS	9,269	320	58	2	4
PIKE	30,570	60	1,025	0	1
POINSETT	4,515	365	25	4	4
POLK	50,122	99	808	0	6
POPE	60,022	149	808	4	4
PRAIRIE	7,979	269	59	0	38
PULASKI	12,477	128	195	1	21
RANDOLPH	21,105	137	307	3	3
ST. FRANCIS	6,470	267	48	0	4
SALINE	9,119	40	454	0	18
SCOTT	23,085	98	471	0	10
SEARCY	19,206	148	259	1	14
SEBASTIAN	23,355	141	330	0	15
SEVIER	38,271	113	676	1	1
SHARP	15,548	150	208	0	7
STONE	26,228	100	522	0	4
UNION	10,421	30	691	4	4
VAN BUREN	25,297	100	505	1	23
WASHINGTON	193,581	277	1,398	0	8
WHITE	58,173	346	336	2	14
WOODRUFF	5,583	264	42	1	7

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	CATTLE	DAIRY	FEEDER	SHEEP	LAYING	TURKEYS	OTHER	PERCENT
ARIZONA													
YELL													
TOTAL	2,002,016		12,776	313	48	1	11	3	0	9	5	23	43
CALIFORNIA													
ALAMEDA	22,654		262	173	79	8	0	1	5	0	0	6	18
AMADOR	9,500		256	74	92	0	0	0	4	3	0	0	5
BUTTE	22,319		595	75	68	8	0	4	11	9	0	0	24
CALAVERAS	11,188		294	76	93	0	0	0	4	3	0	0	5
COLUSA	14,229		477	60	50	1	0	1	48	0	0	0	25
CONTRA COSTA	42,211		252	334	40	55	0	2	2	0	0	0	57
DEL NORTE	1,856		16	239	97	0	0	1	2	0	0	0	2
EL DORADO	10,120		556	36	64	2	0	1	18	4	10	0	26
FRESNO	220,856		3,017	146	21	43	0	1	12	3	17	4	73
GLENN	35,915		754	95	45	3	0	1	48	4	0	0	31
HUMBOLDT	30,978		735	84	73	0	0	0	26	0	0	0	14
IMPERIAL	488,349		1,142	855	2	89	1	0	8	0	0	0	94
INYO	14,413		3,412	8	96	0	0	0	4	0	0	0	2
KERN	269,531		3,798	142	17	38	24	0	19	1	1	0	71
KINGS	58,854		715	165	15	36	0	0	21	1	24	2	74
LAKE	6,803		430	32	80	0	0	1	14	5	0	0	13
LASSEN	34,434		1,926	36	96	0	0	0	4	0	0	0	2
LOS ANGELES	102,478		463	442	6	22	44	1	7	5	14	2	78
MADERA	97,379		725	269	33	29	0	0	6	1	29	2	64
MARIN	9,264		135	137	66	5	0	1	28	0	0	0	19
MARIPOSA	16,524		322	103	69	4	0	2	2	0	23	0	29
MENDOCINO	28,949		859	67	44	4	0	1	51	0	0	0	30
MERCED	187,020		1,031	363	24	18	0	1	4	8	8	36	73
MODOC	62,623		2,114	59	93	2	0	0	4	0	0	0	4
MONO	4,250		1,018	8	72	0	0	0	28	0	0	0	14
MONTEREY	133,750		1,459	183	27	70	0	2	2	0	0	0	72
NAPA	13,991		234	120	58	20	0	1	4	17	0	0	40
NEVADA	4,317		167	52	67	0	0	0	33	0	0	0	17
ORANGE	20,109		217	185	18	0	35	0	3	44	0	0	78
PLACER	24,903		429	116	58	2	0	0	3	12	24	0	40
PLUMAS	7,027		768	18	99	0	0	0	1	0	0	0	1
RIVERSIDE	425,593		2,483	343	3	26	50	0	2	17	2	0	92
SACRAMENTO	63,427		432	294	39	45	0	1	6	6	2	1	58
SAN BENITO	24,003		753	64	75	9	0	0	2	7	7	0	24
SAN BERNARDINO	457,031		9,459	97	2	4	78	0	1	12	3	0	90
SAN DIEGO	147,671		1,092	270	7	2	39	0	0	51	0	0	89
SAN JOAQUIN	92,022		816	225	37	1	0	1	12	42	2	4	56

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	PERCENT
CALIFORNIA						
SAN LUIS OBISPO	77,079	1,790	86	17	10	1
SAN MATEO	4,945	65	153	94	0	5
SANTA BARBARA	127,187	1,266	201	53	14	0
SANTA CLARA	32,350	397	163	23	0	3
SANTA CRUZ	4,480	43	208	63	0	1
SHASTA	23,746	792	60	94	2	3
SIERRA	7,950	109	146	100	0	0
SISKIYOU	46,283	1,947	48	92	0	6
SOLANO	35,209	370	190	28	1	69
SONOMA	67,822	535	254	26	0	27
STANISLAUS	136,313	726	375	28	0	1
SUTTER	10,890	338	65	52	0	1
TEHAMA	59,790	1,592	75	71	0	0
TRINITY	2,866	372	15	84	0	14
TULARE	137,069	2,023	136	35	0	3
TUOLUMNE	8,772	624	28	93	0	3
VENTURA	88,169	642	275	16	18	8
YOLA	26,444	599	88	24	0	40
YUBA	20,221	236	172	60	0	36
TOTAL	4,134,126	58,079	142	25	19	1
COLORADO						
ADAMS	63,994	785	163	26	11	7
ALAMOSA	30,422	2,099	29	95	3	0
ARAPAHOE	10,417	395	53	80	12	1
ARCHULETA	4,853	563	17	86	2	0
BACA	47,359	1,495	63	65	1	1
BENT	41,754	789	106	41	1	4
BOULDER	21,461	183	235	32	20	2
CHAFFEE	4,589	561	16	67	28	0
CHEYENNE	24,449	882	55	92	1	2
CONEJOS	33,425	597	112	60	2	4
COSTILLA	5,923	295	40	79	1	1
CROWLEY	45,159	457	198	26	3	2
CUSTER	7,899	257	61	97	3	0
DELTA	42,333	593	143	53	9	1
DENVER	2	0	28	0	0	45
DOLORES	3,498	551	13	77	4	0
DOUGLAS	10,838	286	76	83	1	5
EAGLE	13,719	1,163	24	73	1	0
ELBERT	29,440	1,111	53	77	9	4
TOTAL	4,134,126	58,079	142	25	19	1

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL										PERCENT
					BEEF	DAIRY	HOGS	SHEEP	LAYING	TURKEYS	OTHER	RECOVERABLE	OTHER	OTHER	
COLORADO															
EL PASO	32,863	71	930	74	3	15	7	1	0	0	0	0	27		
FREMONT	12,328	36	692	66	2	28	2	1	1	0	0	0	35		
GARFIELD	33,681	50	1,348	68	1	3	0	28	0	0	0	0	24		
GRAND	13,564	33	821	96	0	1	0	3	0	0	0	0	10		
GUNNISON	28,087	54	1,045	81	3	0	0	15	0	0	0	0	18		
HINSDALE	632	2	620	97	0	3	0	0	0	0	0	0	11		
HUERFANO	15,346	41	757	94	1	4	1	0	0	0	0	0	13		
JACKSON	22,207	48	930	96	3	1	0	0	0	0	0	0	12		
JEFFERSON	4,482	64	141	60	0	36	1	1	1	0	0	0	40		
KIOWA	21,312	44	975	94	4	0	1	1	0	0	0	0	13		
KIT CARSON	85,772	127	1,346	39	55	4	2	1	0	0	0	0	62		
LA PLATA	25,616	47	1,079	77	1	9	1	11	0	0	0	0	22		
LARIMER	80,194	170	941	24	31	17	5	24	0	0	0	0	62		
LAS ANIMAS	14,475	77	377	74	1	12	1	12	0	0	0	0	24		
LINCOLN	47,241	58	1,642	72	23	1	2	1	0	0	0	0	32		
LOGAN	182,734	327	1,119	20	77	1	2	0	0	0	0	0	80		
MESA	61,731	67	1,853	61	6	13	3	17	0	0	0	0	33		
MINERAL	332	1	475	100	0	0	0	0	0	0	0	0	8		
MOFFAT	45,274	35	2,606	45	0	1	0	54	0	0	0	0	32		
MONTEZUMA	21,434	28	1,535	68	1	6	0	25	0	0	0	0	25		
MONTROSE	54,538	91	1,205	46	12	7	3	32	0	0	0	0	40		
MORGAN	171,917	484	710	16	70	4	9	80	0	0	0	0	80		
OTERO	66,186	177	749	22	72	2	3	2	0	0	0	0	78		
OURAY	7,692	62	246	94	0	2	0	4	0	0	0	0	12		
PARK	6,058	13	950	98	0	1	0	1	0	0	0	0	10		
PHILLIPS	15,828	69	459	22	56	10	9	4	0	0	0	0	73		
PITKIN	3,226	16	395	89	0	7	0	0	3	0	0	0	17		
PROWERS	87,867	176	997	30	68	0	1	1	0	0	0	0	72		
PUEBLO	43,475	72	1,200	43	44	10	2	1	0	0	0	0	58		
RIO BLANCO	29,241	30	1,947	71	0	1	0	27	0	0	0	0	21		
RIO GRANDE	19,283	77	503	60	5	2	4	29	0	0	0	0	28		
ROUTT	32,883	51	1,278	52	0	1	0	47	0	0	0	0	29		
SAGUACHE	24,221	33	1,482	83	1	1	2	13	0	0	0	0	16		
SAN MIGUEL	13,050	47	557	48	0	0	0	51	0	0	0	0	30		
SEDGWICK	17,763	107	331	41	54	1	4	0	0	0	0	0	60		
SUMMIT	1,342	14	191	99	0	1	0	0	0	0	0	0	9		
TELLER	2,045	23	175	93	6	1	0	0	0	0	0	0	15		
WASHINGTON	40,966	61	1,348	65	21	5	8	1	0	0	0	0	35		
WELD	726,554	575	2,529	11	67	6	1	8	2	5	0	0	82		
YUMA	86,804	128	1,352	61	30	5	3	1	0	0	0	0	42		
TOTAL	2,641,778	100	52,898	38	43	5	2	9	1	1	0	0	58		

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER CHICKENS	ECONOMICALLY RECOVERABLE CHICKENS
	TONS	1,000 ACRES	POUNDS PER ACRE	5	1	76	1	15	16	0	PERCENT
CONNECTICUT											
FAIRFIELD	4,222	15	562	5	1	76	1	1	16	0	87
HARTFORD	17,020	54	631	4	1	78	1	1	14	0	87
LITCHFIELD	30,483	74	829	5	0	89	0	1	5	0	86
MIDDLESEX	8,945	17	1,075	5	1	43	0	0	50	0	91
NEW HAVEN	11,783	24	990	4	0	77	2	1	16	0	87
NEW LONDON	52,357	57	1,836	2	0	36	1	0	60	0	94
TOLLAND	17,581	28	1,244	3	0	84	1	1	11	0	88
WINDHAM	35,827	45	1,582	2	1	69	0	1	25	0	91
TOTAL	178,218	314	1,135	3	0	65	1	1	30	6	90
DELAWARE											
KENT	19,375	166	234	7	2	54	7	1	5	0	84
NEW CASTLE	9,685	86	226	10	3	71	3	1	11	1	81
SUSSEX	43,799	262	334	6	5	11	17	0	8	10	81
TOTAL	72,859	514	283	7	4	30	13	0	8	6	82
FLORIDA											
ALACHUA	39,495	228	346	76	1	9	4	0	9	0	18
BAKER	11,178	40	555	20	1	24	2	0	18	0	68
BAY	1,031	13	155	57	2	24	17	0	0	0	25
BRADFORD	17,482	38	928	40	0	4	1	0	29	0	58
BREVARD	24,417	216	227	94	0	4	0	0	2	0	5
BROWARD	20,169	49	817	29	1	64	3	0	3	0	43
CALHOUN	4,661	46	203	75	2	16	7	0	0	0	15
CHARLOTTE	13,474	175	154	87	0	12	0	0	0	0	8
CITRUS	7,860	89	177	76	4	2	2	0	17	0	22
CLAY	39,921	126	636	16	0	73	0	0	5	0	54
COLLIER	21,798	206	212	95	0	0	0	0	1	0	1
COLUMBIA	27,648	107	518	55	12	5	7	0	21	0	39
DADE	5,999	76	159	27	1	63	5	0	3	0	44
DE SOTO	38,247	245	312	86	4	8	0	0	2	0	11
DIXIE	4,814	102	95	92	2	0	5	0	0	0	5
DUVAL	44,504	52	1,715	11	1	77	4	0	3	0	55
ESCAMBIA	13,147	76	347	41	2	49	3	0	6	0	38
FLAGLER	6,967	78	178	92	1	6	0	0	0	0	5
GADSDEN	21,459	66	648	51	17	8	10	0	14	0	40
GILCHRIST	13,276	79	337	73	11	10	6	0	1	0	20

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER-RECOVERABLE	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	PERCENT
	TONS	1,000 ACRES	POUNDS PER ACRE										
FLORIDA													
GLADES	50,261	528	191	78	0	22	0	0	0	0	0	0	13
GULF	4,573	13	699	99	0	0	1	0	0	0	0	0	1
HAMILTON	12,182	71	345	54	11	2	9	0	4	0	19	0	40
HARDEE	49,719	277	359	88	0	12	0	0	0	0	0	0	7
HERNANDO	70,562	699	202	95	2	3	0	0	0	0	0	0	4
HENDRY	45,336	66	1,384	22	50	5	0	0	22	0	0	0	76
HIGHLANDS	77,416	415	373	75	1	24	0	0	0	0	0	0	15
HILLSBOROUGH	128,427	318	809	29	1	43	0	0	27	0	0	0	53
HOLMES	16,720	82	410	60	2	16	7	0	0	0	16	0	30
INDIAN RIVER	18,983	165	229	78	0	22	0	0	0	0	0	0	13
JACKSON	43,917	222	396	60	4	19	11	0	6	0	0	0	27
JEFFERSON	12,629	64	394	43	3	47	6	0	0	0	0	0	35
LAFAYETTE	30,399	62	975	21	0	49	3	0	1	0	26	0	58
LAKE	23,720	277	171	59	0	26	0	0	14	0	0	0	30
LEE	11,928	128	186	83	0	16	1	0	0	0	0	0	10
LEON	8,918	47	378	78	0	18	1	0	3	0	0	0	14
LEVY	29,516	228	258	89	5	1	2	0	2	0	0	0	9
LIBERTY	940	12	161	86	2	1	10	0	1	0	0	0	8
MADISON	23,456	121	386	60	2	4	15	0	4	0	15	0	31
MANATEE	65,221	326	400	69	0	31	0	0	0	0	0	0	19
MARION	62,056	466	266	84	5	9	1	0	1	0	0	0	12
MARTIN	31,728	191	333	71	0	29	0	0	0	0	0	0	17
NASSAU	32,368	36	1,818	12	0	65	0	0	16	0	7	0	62
OKALOOSA	8,413	61	276	72	3	3	5	0	4	0	13	0	25
OKEECHOBEE	155,112	361	860	37	0	63	0	0	0	0	0	0	37
ORANGE	26,070	167	311	33	0	30	3	0	34	0	0	0	53
OSCEOLA	85,944	848	203	87	1	9	0	0	3	0	0	0	21
PALM BEACH	67,457	495	272	64	0	35	0	0	0	0	0	0	46
PASCO	67,938	249	546	43	1	25	0	0	30	0	0	0	39
PINELLAS	5,107	16	646	34	0	65	1	0	0	0	0	0	21
POLK	78,960	651	243	72	2	17	1	0	8	0	0	0	26
PUTNAM	15,691	153	205	64	0	25	1	0	10	0	0	0	24
ST JOHNS	6,560	29	454	59	0	39	2	0	0	0	0	0	12
ST LUCIE	31,698	305	208	79	0	20	0	0	0	0	0	0	28
SANTA ROSA	8,377	77	219	65	8	10	6	0	12	0	0	0	9
SARASOTA	20,953	204	206	87	0	11	0	0	2	0	0	0	28
SEMINOLE	7,673	56	275	59	1	31	1	0	8	0	0	0	9
SUMTER	30,757	157	392	85	1	8	1	0	5	0	0	0	12
SUWANNEE	40,212	178	451	51	0	6	8	0	4	0	31	0	43
TAYLOR	5,378	111	97	63	2	2	3	0	0	0	16	0	19
UNION	9,291	45	414	63	0	6	9	0	14	0	6	0	30
VOLUSIA	29,529	140	421	34	0	29	1	0	36	0	0	0	54
WAKULLA	1,210	9	270	66	1	5	27	0	0	0	0	0	18
WALTON	11,947	74	321	49	6	19	6	0	2	0	17	0	40
WASHINGTON	11,288	66	342	63	5	24	6	0	2	0	0	0	24

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL										PERCENT
					59	3	26	2	0	7	0	2	2	29	
					BEEF	DAIRY	FEEDER	DAIRY	HOGS	SHEEP	LAYING	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	
GEORGIA	1,954,087	11,373	344		23	3	23	25	0	0	11	0	15	60	
ATKINSON	16,023	45	712		22	1	2	13	0	0	19	0	43	73	
BACON	13,649	58	473		27	1	6	15	0	0	36	0	14	65	
BAKER	9,182	115	159		71	3	4	22	0	0	0	0	0	20	
BALDWIN	4,687	30	315		74	2	12	4	0	0	0	0	8	20	
BANKS	17,897	35	1,023		31	0	3	6	0	0	12	0	49	66	
BARROW	20,749	37	1,111		27	0	5	2	0	0	16	0	49	70	
BARTOW	18,134	67	543		21	1	23	7	0	0	2	0	46	67	
BEN HILL	7,562	43	351		55	4	13	9	0	0	19	0	0	36	
BERRIEN	16,029	100	321		67	3	6	7	0	0	0	5	24	44	
BIBB	5,803	19	597		36	1	46	7	0	0	0	10	43	30	
BLECKLEY	8,998	62	292		55	2	8	35	0	0	0	0	0	73	
BRANTLEY	10,952	21	1,067		24	1	2	5	0	0	67	0	0	50	
BROOKS	26,975	133	407		36	25	13	26	0	0	0	0	0	28	
BRYAN	1,887	14	275		66	4	6	13	0	0	12	0	0	43	
BULLOCH	29,507	176	336		40	5	13	35	0	0	7	0	0	34	
BURKE	15,360	189	163		54	14	25	6	0	0	0	0	0	20	
BUTTS	4,727	25	384		72	0	20	0	0	0	8	0	0	13	
CALHOUN	7,032	77	182		83	3	1	11	0	0	2	0	0	40	
CAMDEN	2,126	17	243		51	0	1	24	0	0	24	0	0	67	
CANDLER	17,331	61	568		27	1	4	15	0	0	53	0	0	47	
CARROLL	30,020	67	893		46	1	16	2	0	0	4	0	32	48	
CATOOSA	12,373	31	787		38	0	33	1	0	0	1	0	26	84	
CHARLTON	7,653	18	868		12	2	2	7	0	0	77	0	0	36	
CHATHAM	2,832	19	294		41	1	54	4	0	0	1	0	0	3	
CHATTAHOOCHEE	321	2	304		55	0	3	1	0	0	0	0	0	29	
CHATTOOGA	13,116	50	522		65	0	11	6	0	0	18	0	0	75	
CHEROKEE	39,116	35	2,204		23	0	3	3	0	0	17	0	54	49	
CLARKE	6,340	14	882		44	0	18	2	0	0	10	0	27	15	
CLAY	7,614	49	310		77	2	13	8	0	0	0	0	0	18	
CLAYTON	2,257	9	527		81	17	2	0	0	0	0	0	0	72	
CLINCH	2,265	13	361		26	1	1	5	0	0	6	0	62	44	
COBB	5,982	21	572		51	2	10	1	0	0	4	0	31	67	
COFFEE	47,786	135	707		23	1	9	20	0	0	39	0	7	31	
COLQUITT	39,740	185	429		55	3	15	25	0	0	2	0	0	13	
COLUMBIA	5,094	31	324		79	0	17	1	0	0	2	0	2	44	
COOK	10,091	57	352		48	3	3	18	0	0	26	0	0	25	
COWETA	11,062	52	428		60	0	35	3	0	0	1	0	0	25	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
											TONS	PER ACRE
GEORGIA												
CRAWFORD	5,413	34	318	53	1	34	6	0	1	6	31	
CRISP	5,149	87	118	64	2	4	30	0	0	0	24	
DADE	4,228	24	356	69	0	3	3	0	0	25	28	
DAWSON	14,647	8	3,528	16	0	2	2	0	0	58	82	
DECATUR	24,132	138	351	59	1	7	24	0	0	0	29	
DE KALB	2,819	8	713	39	0	58	0	0	0	0	36	
DODGE	15,806	95	333	43	1	6	33	0	17	0	43	
DOOLY	11,429	129	178	51	1	33	13	0	2	0	31	
DOUGHERTY	9,776	91	215	68	27	1	3	0	0	0	31	
DOUGLAS	4,010	7	1,111	25	0	4	0	0	56	0	73	
EARLY	20,760	172	242	74	8	4	13	0	1	0	20	
ECHOLS	1,415	10	294	75	2	1	22	0	0	0	17	
EFFINGHAM	5,765	56	204	46	5	16	31	0	1	0	57	
ELBERT	10,754	50	434	58	0	20	3	0	11	0	33	
EMANUEL	16,333	125	261	57	5	12	21	0	5	0	31	
EVANS	6,343	40	315	46	4	2	16	0	25	0	48	
FANNIN	2,744	11	492	64	3	26	4	0	4	0	24	
FAYETTE	7,354	30	496	73	2	9	1	0	14	0	23	
FLOYD	18,525	81	456	62	6	19	2	0	0	5	29	
FORSYTH	44,078	37	2,353	19	1	4	1	0	21	0	79	
FRANKLIN	32,313	56	1,147	37	2	5	1	0	9	11	36	
FULTON	8,735	43	409	82	1	4	1	0	1	0	16	
GILMER	11,301	22	1,048	27	0	14	6	0	11	0	42	
GLASCOCK	2,097	21	196	77	1	7	15	0	0	0	15	
GLYNN	1,222	4	576	73	1	1	25	0	0	0	18	
GORDON	35,427	72	989	29	2	8	1	0	14	0	67	
GRADY	28,030	135	417	46	3	6	33	0	12	0	41	
GREENE	20,599	48	852	24	0	47	0	0	25	0	57	
GWINNETT	11,985	30	797	46	0	12	1	0	8	0	48	
HABERSHAM	26,709	23	2,352	22	1	4	0	0	16	0	76	
HALL	67,748	44	3,072	15	1	11	4	0	27	0	80	
HANCOCK	5,791	47	249	68	0	24	3	0	5	0	21	
HARALSON	9,991	30	662	59	0	10	1	0	3	0	36	
HARRIS	5,454	40	271	83	0	14	3	0	0	0	11	
HART	22,125	61	723	49	0	17	0	0	12	7	42	
HEARD	5,104	26	391	67	1	19	3	0	3	0	24	
HENRY	11,034	47	465	64	1	30	0	0	4	0	23	
HOUSTON	11,086	84	264	55	4	32	7	0	2	0	30	
IRWIN	16,303	113	288	56	6	4	30	0	4	0	32	
JACKSON	49,955	64	1,568	26	1	5	2	0	16	0	71	
JASPER	17,145	51	677	35	0	28	0	0	17	0	54	
JEFF DAVIS	10,026	51	395	29	0	11	23	0	39	0	64	
JEFFERSON	16,003	137	233	39	17	28	15	0	2	0	45	
JENKINS	23,664	89	532	23	3	63	6	0	5	0	50	
JOHNSON	9,284	71	262	52	3	5	32	0	7	0	35	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	RECOVERABLE ECONOMICALLY	
	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	
GEORGIA											
JONES	11,791	31	762	27	0	59	1	0	0	13	48
LAMAR	8,479	37	461	60	1	28	1	0	0	10	28
LANIER	2,967	21	281	39	1	7	22	0	0	31	51
LAURENS	25,100	180	279	51	2	10	30	0	0	0	35
LEE	13,910	110	253	60	9	18	10	3	0	0	29
LIBERTY	1,228	14	180	56	2	34	8	0	0	0	28
LINCOLN	6,143	31	397	70	0	10	5	15	0	0	24
LONG	1,690	10	339	49	8	3	34	0	0	0	38
LOWNDES	14,147	84	338	55	4	21	15	5	0	0	31
LUMPKIN	24,015	20	2,356	17	1	2	7	0	0	47	80
MC DUFFIE	5,201	27	383	68	0	21	2	8	0	0	22
MCINTOSH	1,025	4	500	36	0	50	0	12	0	0	43
MACON	18,371	114	323	45	2	38	3	4	0	8	38
MADISON	23,937	50	955	32	0	5	3	0	0	56	65
MARION	8,650	37	465	40	0	8	4	0	18	0	29
MARIWETHER	16,503	76	432	71	4	22	0	0	0	0	19
MILLER	16,399	117	282	68	4	2	25	0	0	0	22
MITCHELL	26,780	181	296	67	6	11	11	0	1	3	24
MONROE	17,288	44	780	22	0	77	0	0	0	0	46
MONTGOMERY	7,537	55	273	50	8	5	37	0	0	0	35
MORGAN	36,564	94	779	20	1	66	2	4	0	8	53
MURRAY	11,299	29	789	33	0	9	3	0	18	0	62
MUSCOGEE	920	7	250	80	0	9	11	0	0	13	38
NEWTON	13,489	43	634	49	2	32	1	9	0	7	52
OCONEE	19,752	43	915	30	0	7	2	0	0	14	59
OGLETHORPE	26,247	59	895	32	1	4	4	1	1	40	64
PAULDING	12,100	23	1,075	34	0	4	1	0	0	61	75
PEACH	5,102	42	240	52	1	44	1	0	0	0	30
PICKENS	13,835	15	1,803	24	0	2	0	1	0	72	8
PIERCE	21,209	70	607	24	7	13	23	0	30	3	63
PIKE	8,088	42	381	81	0	10	1	0	0	8	15
POLK	10,372	36	569	50	1	32	4	0	0	10	35
PULASKI	5,915	71	168	69	14	3	14	0	0	0	25
PUTNAM	30,637	48	1,287	8	0	90	0	2	0	0	56
QUITMAN	2,044	18	226	96	1	1	2	0	0	0	3
RABUN	4,457	9	1,021	31	1	11	1	0	0	53	63
RANDOLPH	9,734	92	210	69	6	4	17	0	0	0	23
RICHMOND	3,786	29	259	40	1	24	12	0	0	0	47
ROCKDALE	2,563	14	379	73	0	27	0	0	0	0	16
SCHLEY	5,603	38	292	48	1	24	15	0	0	5	37
SCREVEN	20,475	141	290	51	5	14	28	0	0	0	34
SEMINOLE	13,750	85	324	70	5	3	20	0	0	0	22
SPALDING	9,236	38	491	68	0	25	4	0	0	0	20
STEPHENS	8,895	14	1,287	31	0	11	0	18	0	40	64
STEWART	5,109	40	253	70	0	5	24	0	0	0	19

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	OTHER BIRDS	PERCENT OF TOTAL	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT	
																RECOVERABLE	NONRECOVERABLE
GEORGIA																	
SUMTER	39,944	156	513	47	36	11	6	0	0	0	0	0	0	0	0	0	46
TALBOT	5,605	42	265	85	1	11	1	0	2	0	0	0	0	0	0	0	10
TALIAFERRO	4,989	24	407	38	0	50	0	0	11	0	0	0	0	0	0	0	41
TATNALL	26,647	96	556	31	2	4	21	0	21	0	0	0	0	0	0	21	60
TAYLOR	8,898	54	332	45	0	5	9	0	26	0	0	0	0	0	0	14	49
TELFAIR	22,389	68	656	25	1	2	15	0	57	0	0	0	0	0	0	0	69
TERRELL	7,861	110	143	82	2	8	9	0	0	0	0	0	0	0	0	0	12
THOMAS	21,056	136	309	53	10	18	17	0	2	0	0	0	0	0	0	0	34
TIFT	15,906	94	339	60	2	7	19	0	12	0	0	0	0	0	0	0	31
TOOMBS	12,831	78	329	47	2	10	33	0	8	0	0	0	0	0	0	0	37
TOWNS	5,103	8	1,324	25	0	13	9	0	53	0	0	0	0	0	0	0	67
TREUTLEN	5,544	35	318	54	3	9	34	0	0	0	0	0	0	0	0	0	30
TROUP	9,739	46	428	56	0	43	0	0	0	0	0	0	0	0	0	0	26
TURNER	14,233	104	272	59	16	8	15	0	2	0	0	0	0	0	0	0	33
TWIGGS	2,914	25	233	62	3	13	23	0	0	0	0	0	0	0	0	0	25
UNION	7,401	19	766	46	1	11	7	0	35	0	0	0	0	0	0	0	47
UPSON	10,255	50	413	65	0	12	1	0	6	0	0	0	0	0	0	0	29
WALKER	17,106	69	496	64	1	19	3	0	2	0	0	0	0	0	0	0	28
WALTON	15,520	69	450	55	1	18	1	0	6	0	0	0	0	0	0	0	37
WARE	8,114	36	448	32	2	2	21	0	32	0	0	0	0	0	0	0	60
WARREN	9,295	55	336	57	7	27	9	0	0	0	0	0	0	0	0	0	29
WASHINGTON	14,811	109	272	49	1	26	20	0	4	0	0	0	0	0	0	0	33
WAYNE	8,666	53	327	56	3	13	25	0	2	0	0	0	0	0	0	0	30
WEBSTER	4,311	39	222	59	2	7	32	0	0	0	0	0	0	0	0	0	28
WHEELER	9,459	50	375	39	2	2	31	0	26	0	0	0	0	0	0	0	50
WHITE	23,835	18	2,665	17	1	5	2	0	22	0	0	0	0	0	0	0	80
WHITFIELD	15,412	35	869	35	1	6	1	0	16	0	0	0	0	0	0	0	62
WILCOX	10,038	82	246	69	5	12	13	0	2	0	0	0	0	0	0	0	22
WILKES	25,200	82	616	49	0	25	1	0	5	20	0	0	0	0	0	0	34
WILKINSON	5,535	27	410	59	5	8	8	0	6	0	0	0	0	0	0	0	35
WORTH	26,722	188	285	58	5	16	19	0	3	0	0	0	0	0	0	0	29
TOTAL	2,183,122	9,289	470	42	3	16	10	0	11	1	16	48					
HAWAII																	
HAWAII	74,681	776	193	76	15	4	2	0	3	0	0	23					
HONOLULU	51,944	98	1,056	6	0	64	10	0	17	0	4	85					
KAUAI	8,153	225	72	77	0	15	4	0	4	0	0	20					
MAUI	24,274	291	167	80	0	12	6	0	2	0	0	16					
TOTAL	159,052	1,390	229	54	7	25	5	0	7	0	1	42					

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
											TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE									
IDAHO												
ADA	52,534	425	247	33	6	50	2	5	3	0	0	60
ADAMS	11,417	709	32	80	14	5	0	0	0	0	0	25
BANNOCK	23,110	518	89	64	4	20	2	8	3	0	0	34
BEAR LAKE	31,872	596	107	64	2	21	0	13	0	0	0	32
BENEWAH	3,871	124	62	86	0	5	8	0	0	0	0	16
BINGHAM	96,887	1,366	142	44	21	16	1	18	0	0	0	49
BLAINE	26,059	1,490	35	45	2	7	0	45	1	0	0	35
BOISE	3,865	789	10	93	4	2	1	1	0	0	0	14
BONNER	12,445	145	171	72	3	22	2	1	0	0	0	30
BONNEVILLE	40,946	1,041	79	52	9	17	2	21	0	0	0	39
BOUNDARY	7,163	77	185	70	2	25	3	0	0	0	0	32
BUTTE	19,834	975	41	61	1	13	0	25	0	0	0	30
CAMAS	8,299	598	28	76	0	2	0	21	0	0	0	19
CANYON	114,816	298	769	20	53	24	1	1	1	0	0	78
CARIBOU	32,248	1,130	57	62	2	18	0	18	0	0	0	32
CASSIA	88,177	1,565	113	39	37	15	1	8	0	0	0	58
CLARK	13,722	1,007	27	76	0	0	1	23	0	0	0	18
CLEARWATER	5,309	618	17	80	1	11	6	1	1	0	0	22
CUSTER	30,885	3,762	16	88	1	1	0	10	0	0	0	14
ELMORE	46,937	1,675	56	46	43	2	0	8	0	0	0	53
FRANKLIN	31,785	365	174	23	2	64	1	1	10	0	0	71
FREMONT	32,184	902	71	44	21	15	0	19	0	0	0	48
GEM	25,208	325	155	58	6	29	1	6	0	0	0	40
GOODING	64,665	495	261	37	26	25	0	11	1	0	0	58
IDAHO	35,375	1,952	36	76	2	5	5	11	1	0	0	22
JEFFERSON	46,551	523	178	53	10	22	1	13	0	0	0	42
JEROME	49,507	278	356	33	36	22	1	7	0	0	0	63
KOOTENAI	7,664	197	78	69	3	18	5	3	2	0	0	31
LATAH	11,796	354	67	76	5	9	8	1	1	0	0	25
LEMHI	35,272	1,024	69	88	4	3	0	6	0	0	0	16
LEWIS	5,998	240	50	90	6	1	2	1	0	0	0	16
LINCOLN	23,471	695	68	41	8	41	1	8	1	0	0	53
MADISON	19,794	280	142	55	5	33	1	5	2	0	0	43
MINIDOKA	79,129	411	385	16	50	15	0	18	1	0	0	75
NEZ PERCE	18,404	509	72	78	11	6	3	1	1	0	0	26
ONEIDA	20,617	636	65	79	5	9	0	8	0	0	0	23
OWYHEE	54,977	4,260	26	76	6	12	0	5	0	0	0	26
PAYETTE	31,890	201	318	50	12	35	1	2	0	0	0	49
POWER	31,670	822	77	44	52	2	0	1	0	0	0	59
SHOSHONE	698	83	17	57	0	35	6	1	1	0	0	40
TETON	10,850	223	97	61	0	28	0	11	0	0	0	36
TWIN FALLS	87,766	1,250	140	56	12	20	1	11	0	0	0	40
VALLEY	2,852	707	8	90	1	8	0	1	1	0	0	16
WASHINGTON	33,823	871	78	71	4	13	1	11	0	0	0	28
TOTAL	1,432,342	36,511	78	50	19	19	1	10	1	0	0	47

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PER ACRE
ILLINOIS													
ADAMS	75,527	421	359	33	10	10	44	2	1	0	0	53	
ALEXANDER	3,613	68	106	65	5	8	21	0	0	0	0	32	
BOND	26,063	176	295	19	6	33	38	1	2	0	0	66	
BOONE	25,566	156	327	7	17	59	14	2	0	0	0	82	
BROWN	22,600	150	302	46	5	3	42	2	2	0	0	43	
BUREAU	56,129	460	244	19	28	5	45	2	0	0	0	66	
CALHOUN	17,375	92	378	38	5	2	50	1	4	0	0	47	
CARROLL	82,333	241	682	16	43	20	21	1	0	0	0	76	
CASS	21,116	189	223	34	18	1	46	1	0	0	0	52	
CHAMPAIGN	17,401	558	62	29	18	9	29	5	9	0	0	60	
CHRISTIAN	20,001	379	105	44	17	3	34	2	0	0	0	47	
CLARK	20,027	245	163	33	11	5	48	2	1	0	0	52	
CLAY	14,157	175	161	48	8	3	33	2	6	0	0	43	
CLINTON	50,144	217	461	7	3	64	14	0	12	0	0	83	
COLES	14,690	263	112	27	18	7	43	3	1	2	0	58	
COOK	3,129	73	86	43	23	17	12	1	4	1	0	54	
CRAWFORD	14,551	186	156	30	16	7	39	1	7	0	0	58	
CUMBERLAND	16,990	167	204	26	15	17	39	1	1	0	0	60	
DE KALB	58,682	351	334	4	59	9	23	2	2	0	0	86	
DE WITT	12,009	232	104	51	15	6	19	1	8	0	0	46	
DOUGLAS	11,813	256	92	18	11	17	39	2	7	5	0	65	
DU PAGE	1,993	48	83	14	18	45	14	3	5	0	0	76	
EDGAR	24,871	359	139	35	21	2	36	2	4	0	0	54	
EDWARDS	19,367	115	336	33	12	3	47	1	4	0	0	53	
EFFINGHAM	35,227	230	306	23	9	42	22	1	3	0	0	67	
FAYETTE	26,629	301	177	42	10	17	27	2	2	0	0	49	
FORD	14,076	293	96	21	29	11	33	3	3	0	0	67	
FRANKLIN	12,229	145	168	50	9	6	32	1	3	0	0	42	
FULTON	48,180	366	263	46	18	2	30	2	1	0	0	46	
GALLATIN	7,360	137	107	47	12	0	40	0	0	0	0	43	
GREENE	53,821	265	407	27	32	2	37	1	0	0	0	62	
GRUNDY	7,912	210	75	30	21	19	23	3	4	0	0	61	
HAMILTON	11,558	186	125	47	6	4	40	1	2	0	0	43	
HANCOCK	63,799	414	308	35	19	3	41	2	0	0	0	53	
HARDIN	5,938	39	306	87	3	1	8	0	0	0	0	17	
HENDERSON	35,385	200	354	39	24	2	35	1	0	0	0	52	
HENRY	118,818	464	512	15	32	4	47	1	1	0	0	69	
IROQUOIS	43,045	633	136	22	23	20	17	2	15	0	0	71	
JACKSON	16,771	172	195	50	8	14	24	1	3	0	0	44	
JASPER	21,541	226	191	27	11	16	44	1	1	0	0	58	
JEFFERSON	19,263	198	195	49	12	9	28	1	1	0	0	44	
JERSEY	27,067	172	314	37	17	9	36	0	1	0	0	53	
JO DAVIESS	86,856	281	619	27	7	49	16	1	1	0	0	65	
JOHNSON	15,631	95	329	58	13	3	26	0	0	0	0	37	
KANE	39,252	226	348	7	38	40	14	1	1	0	0	85	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE										PERCENT	
ILLINOIS														
KANKAKEE	13,833	365	76	22	17	31	20	2	9	0	0	0	69	
KENDALL	22,883	166	276	8	44	6	26	2	14	0	0	0	83	
KNOX	65,400	377	347	33	20	4	41	1	0	0	0	0	54	
LAKE	10,989	84	262	19	6	34	7	3	31	0	0	0	75	
LA SALLE	43,816	608	144	25	31	11	27	5	2	0	0	0	65	
LAWRENCE	9,988	163	123	47	9	12	28	1	2	0	0	0	45	
LEE	42,401	387	219	15	42	14	27	2	1	0	0	0	75	
LIVINGSTON	35,409	599	118	20	19	10	35	2	14	0	0	0	68	
LOGAN	24,087	344	140	28	22	5	36	3	6	0	0	0	60	
MC DONOUGH	43,691	327	267	44	15	3	35	2	0	0	0	0	46	
MC HENRY	54,830	243	451	8	12	65	9	1	5	0	0	0	82	
MC LEAN	44,195	686	129	27	22	11	29	3	8	0	0	0	63	
MACON	9,472	306	62	40	11	7	32	5	5	0	0	0	49	
MACOUPIN	57,690	428	269	31	27	8	31	2	1	0	0	0	59	
MADISON	34,155	296	231	24	12	36	25	1	2	0	0	0	65	
MARION	20,134	235	171	46	11	17	22	2	2	0	0	0	47	
MARSHALL	19,655	197	199	33	26	5	33	3	1	0	0	0	57	
MASON	11,894	267	89	46	10	3	37	1	2	0	0	0	44	
MASSAC	15,408	95	325	59	8	5	28	0	0	0	0	0	36	
MENARD	19,467	176	221	34	24	1	39	1	0	0	0	0	55	
MERCER	56,671	300	378	34	18	3	43	2	0	0	0	0	53	
MONROE	19,882	167	238	18	9	14	49	1	9	0	0	0	65	
MONTGOMERY	36,162	361	200	33	20	12	33	1	1	0	0	0	57	
MORGAN	41,712	314	266	36	18	1	42	2	0	0	0	0	51	
MOULTRIE	8,191	187	87	30	5	16	41	2	5	0	0	0	56	
OGLE	90,901	410	443	16	42	19	20	1	1	0	0	0	76	
PEORIA	26,037	261	200	43	16	10	26	3	2	0	0	0	50	
PERRY	17,448	186	188	48	11	14	27	0	1	0	0	0	46	
PIATT	8,110	258	63	37	32	5	20	4	2	0	0	0	57	
PIKE	82,982	409	405	32	10	2	55	1	1	0	0	0	51	
POPE	11,004	72	307	59	12	2	22	5	0	0	0	0	36	
PULASKI	8,093	68	238	53	15	5	26	0	0	0	0	0	42	
PUTNAM	8,531	81	212	25	28	9	37	1	2	0	0	0	64	
RANDOLPH	32,170	241	267	36	10	28	24	1	1	0	0	0	56	
RICHLAND	12,582	158	160	41	13	11	33	1	2	0	0	0	50	
ROCK ISLAND	33,495	175	384	31	15	8	43	3	1	0	0	0	55	
ST. CLAIR	25,646	278	184	20	13	26	32	1	7	0	0	0	67	
SALINE	10,365	125	166	65	11	2	18	0	4	0	0	0	34	
SANGAMON	34,404	442	156	34	12	4	41	4	5	0	0	0	53	
SCHUYLER	31,199	206	304	45	12	1	41	1	0	0	0	0	44	
SCOTT	16,919	126	269	37	12	1	48	1	1	0	0	0	49	
SHELBY	26,941	367	147	36	16	16	29	2	1	0	0	0	55	
STARK	15,524	169	184	24	22	9	43	1	1	0	0	0	62	
STEPHENSON	105,635	304	695	6	10	62	21	1	1	0	0	0	81	
TAZEWELL	28,090	310	181	32	15	8	37	3	4	1	0	0	55	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE FEEDER	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILER	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	PER ACRE										
ILLINOIS													
UNION	16,919	131	259	62	13	16	0	3	0	0	0	36	
VERMILION	22,997	473	97	25	11	26	2	2	0	0	0	66	
WABASH	9,014	94	192	29	11	39	1	0	0	0	0	59	
WARREN	53,509	307	349	31	2	38	2	1	0	0	0	57	
WASHINGTON	35,981	273	263	13	7	23	1	5	0	0	0	74	
WAYNE	28,007	319	176	50	12	29	1	1	0	0	0	43	
WHITE	15,102	131	131	49	11	33	1	2	0	0	0	43	
WHITESIDE	72,439	368	394	16	16	29	1	1	0	0	0	74	
WILL	23,563	324	145	12	17	17	1	20	0	0	0	79	
WILLIAMSON	9,995	75	265	62	10	17	1	0	0	0	0	36	
WINNEBAGO	40,650	201	405	15	23	17	2	0	0	0	0	75	
WOODFORD	34,679	297	234	26	9	28	4	4	0	0	0	63	
TOTAL	3,091,451	26,246	236	28	16	31	2	3	0	0	0	61	
INDIANA													
ADAMS	37,412	171	438	2	6	31	1	17	6	1	80		
ALLEN	35,384	266	266	10	17	34	2	10	2	0	75		
BARTHLOMEW	18,740	147	255	31	31	24	1	2	0	0	62		
BENTON	11,558	235	98	37	15	14	3	2	0	0	53		
BLACKFORD	8,571	75	228	16	20	29	3	4	0	0	69		
BOONE	27,079	204	265	38	12	36	2	3	0	0	51		
BROWN	2,498	20	246	63	5	11	2	1	0	0	36		
CARROLL	51,703	202	511	9	7	63	1	16	0	0	69		
CASS	25,831	199	259	21	13	17	3	3	1	0	63		
CLARK	16,227	104	311	53	4	24	1	3	0	1	44		
CLAY	14,405	143	202	30	9	37	1	4	0	0	58		
CLINTON	25,312	214	237	17	10	5	2	1	0	0	61		
CRAWFORD	11,908	64	370	63	1	9	0	4	10	2	32		
DAVISS	54,032	202	534	17	7	24	0	6	16	0	63		
DEARBORN	13,432	95	282	50	8	27	2	2	0	0	47		
DECATUR	38,790	185	419	17	31	10	1	1	0	0	69		
DE KALB	18,089	153	236	13	12	50	4	1	0	0	74		
DELAWARE	20,408	174	234	20	22	33	2	3	0	0	67		
DUBOIS	74,645	162	920	18	5	8	0	18	26	1	60		
ELKHART	51,342	186	552	7	10	50	1	12	4	0	81		
FAYETTE	19,006	96	398	32	13	10	1	1	0	0	54		
FLOYD	5,595	31	359	54	5	8	0	2	0	9	45		
FOUNTAIN	16,506	191	173	44	12	37	4	0	0	0	45		
FRANKLIN	26,805	146	367	29	11	24	1	3	0	0	59		
FULTON	27,623	177	312	16	10	33	2	4	0	0	70		
GIBSON	23,368	200	234	24	14	44	2	0	7	0	58		

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE
	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL
INDIANA												
GRANT	26,800	186	289	13	22	34	3	12	0	0	72	
GREENE	24,977	182	274	17	10	18	1	0	0	0	42	
HAMILTON	21,500	162	266	11	28	43	3	5	0	0	57	
HANCOCK	13,297	149	179	8	11	37	6	1	0	0	50	
HARRISON	34,994	144	486	20	4	16	4	7	4	6	51	
HENDRICKS	24,213	180	269	22	13	30	2	1	0	0	57	
HENRY	24,736	188	264	12	18	33	3	1	0	0	56	
HOWARD	17,558	148	237	15	10	55	2	5	0	0	70	
HUNTINGTON	18,943	166	229	25	15	42	2	8	0	0	68	
JACKSON	38,144	173	440	15	24	21	1	21	4	0	67	
JASPER	40,064	272	294	4	31	37	1	11	0	0	71	
JAY	20,929	171	245	31	9	19	4	6	14	0	66	
JEFFERSON	15,875	115	276	26	7	14	1	0	0	0	44	
JENNINGS	27,591	116	476	4	27	12	0	50	0	0	71	
JOHNSON	19,686	135	291	21	33	18	2	0	0	0	68	
KNOX	27,990	254	220	8	17	42	0	1	0	0	56	
KOSCIUSKO	56,936	252	453	21	16	25	2	23	0	0	76	
LAGRANGE	53,924	182	592	45	10	23	1	14	0	1	82	
LAKE	11,731	137	171	41	14	14	1	6	0	0	69	
LA PORTE	21,803	233	187	48	17	15	1	2	0	0	73	
LAWRENCE	26,889	145	372	10	8	13	0	2	0	0	34	
MADISON	18,229	209	174	11	18	38	4	1	0	0	58	
MARION	7,038	67	211	39	17	12	4	1	0	0	65	
MARSHALL	34,012	196	348	46	9	21	2	7	0	3	77	
MARTIN	12,892	62	415	8	9	28	0	2	11	0	45	
MIAMI	27,808	176	315	26	16	40	2	2	0	0	70	
MONROE	10,900	64	342	17	14	11	1	1	0	0	42	
MONTGOMERY	36,744	264	278	6	13	48	3	1	0	0	55	
MORGAN	14,664	122	240	11	43	29	2	2	0	0	48	
NEWTON	16,420	218	151	2	31	23	2	2	0	0	55	
NOBLE	31,415	171	368	44	13	18	3	8	1	1	76	
OHIO	5,642	32	353	21	7	12	1	2	0	0	41	
ORANGE	21,450	101	426	21	13	19	0	4	0	0	53	
OWEN	13,742	104	265	10	6	24	2	0	0	0	37	
PARKE	18,062	167	217	7	13	36	1	1	0	0	48	
PERRY	12,901	74	347	15	4	23	0	3	0	0	40	
PIKE	12,202	81	300	6	10	25	0	3	26	0	49	
PORTER	10,393	147	142	27	31	28	2	2	0	0	58	
POSEY	13,875	197	141	14	39	30	0	2	0	0	53	
PULASKI	20,462	221	186	20	12	43	1	3	0	0	65	
PUTNAM	32,426	202	322	16	10	32	2	2	2	0	52	
RANDOLPH	26,524	229	231	21	9	35	3	5	4	0	63	
RIPLEY	24,253	153	318	17	10	23	1	12	0	0	56	
RUSH	39,802	216	369	16	21	44	1	1	0	0	67	
ST. JOSEPH	18,323	156	235	43	10	24	2	12	0	0	78	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	POUNDS PER ACRE
INDIANA														
SCOTT	7,102	56	252	56	9	23	11	0	1	0	0	0	43	
SHELBY	20,944	199	210	29	17	16	31	2	5	0	0	0	60	
SPENCER	37,510	166	452	29	5	13	25	0	2	25	0	0	49	
STARKE	8,019	119	134	19	10	25	27	2	17	0	0	0	70	
STEUBEN	22,756	116	393	12	9	53	13	5	8	0	0	0	77	
SULLIVAN	12,194	171	142	48	12	10	27	1	2	0	0	0	46	
SWITZERLAND	11,455	78	296	41	7	40	11	1	0	0	0	0	54	
TIPPECANOE	22,832	236	193	35	16	6	37	3	4	0	0	0	54	
TIPTON	13,735	141	195	17	15	2	48	4	14	0	0	0	66	
UNION	16,683	80	418	21	18	11	49	1	0	0	0	0	63	
VANDERBURGH	5,096	80	127	26	8	33	22	2	9	0	0	0	64	
VERMILLION	9,232	101	182	46	26	3	22	3	0	0	0	0	48	
VIGO	9,864	127	155	41	8	15	28	1	7	0	0	0	51	
WABASH	45,888	203	453	8	19	17	35	1	19	0	0	0	78	
WARREN	11,873	191	124	62	8	4	19	3	3	0	0	0	35	
WARRICK	11,811	103	229	34	6	26	17	0	6	11	0	0	55	
WASHINGTON	42,512	176	482	39	7	25	21	0	3	2	3	0	54	
WAYNE	34,655	175	397	26	11	33	28	1	1	0	0	0	63	
WELLS	19,997	187	213	6	11	33	39	2	7	1	0	0	76	
WHITE	30,823	259	238	24	16	9	47	1	4	0	0	0	60	
WHITLEY	25,071	164	306	13	17	34	23	3	10	0	0	0	76	
TOTAL	2,145,080	14,489	296	25	13	20	30	2	7	3	0	0	62	
IOWA														
ADAIR	77,690	340	457	46	17	7	28	2	1	0	0	0	47	
ADAMS	51,094	236	433	51	20	3	25	1	0	0	0	0	44	
ALLAMAKEE	100,605	303	665	29	6	45	18	1	1	0	0	0	62	
APPANOOSE	38,733	232	334	70	6	5	13	6	0	0	0	0	28	
AUDUBON	77,425	255	607	27	38	6	26	1	1	0	0	0	65	
BENTON	93,782	411	456	28	29	8	32	1	1	0	0	0	62	
BLACK FAWK	62,473	294	426	16	23	20	31	1	2	6	0	0	69	
BOONE	48,785	323	302	24	30	4	31	3	6	2	0	0	65	
BREMER	60,694	230	529	12	11	45	24	1	2	5	0	0	74	
BUCHANAN	70,544	304	464	18	17	27	36	1	2	0	0	0	68	
BUENA VISTA	70,125	330	425	14	31	3	41	2	1	8	0	0	69	
BUTLER	68,329	323	423	19	17	23	36	1	3	1	0	0	67	
CALHOUN	49,404	328	301	20	33	2	38	3	2	2	0	0	66	
CARROLL	123,016	366	672	14	49	3	32	0	1	1	0	0	75	
CASS	82,199	329	500	34	36	5	23	1	1	0	0	0	60	
CEDAR	97,862	338	579	23	25	7	43	2	1	0	0	0	63	
CERRO GORDO	47,869	323	296	19	20	9	45	2	3	3	0	0	65	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TONS	1,000 ACRES	PCUNDS PER ACRE	PERCENT OF TOTAL	HENS	KEYS	TURKEYS	ERS	RECOVERABLE				
IOWA													
CHEROKEE	112,447	313	718	16	55	4	23	1	0	0	2	0	76
CHICKASAW	61,190	268	457	24	16	29	28	1	3	0	0	0	65
CLARKE	41,672	224	371	68	7	3	20	1	0	0	0	0	30
CLAY	64,647	315	410	20	44	4	27	2	3	0	0	0	71
CLAYTON	137,219	392	701	19	7	46	28	1	1	0	0	0	68
CLINTON	115,781	367	630	20	41	7	30	1	1	0	0	0	71
CRAWFORD	114,605	397	577	31	31	6	25	1	1	0	0	0	60
DALLAS	46,019	331	278	32	32	3	30	2	1	0	0	0	59
DAVIS	49,731	263	378	54	6	12	17	10	1	0	0	0	39
DECATUR	49,769	283	352	75	5	6	12	2	0	0	0	0	26
DELAWARE	122,838	311	791	10	9	38	41	0	1	0	0	0	73
DES MOINES	34,306	197	348	39	22	5	31	1	2	0	0	0	53
DICKINSON	47,709	228	419	24	40	7	23	3	1	2	0	0	67
DUBUQUE	135,393	313	866	14	13	45	26	0	1	0	0	0	73
EMMET	37,565	207	23	23	45	3	25	1	2	0	0	0	70
FAYETTE	114,844	395	581	17	13	40	24	1	4	0	0	0	72
FLOYD	43,101	287	301	22	24	16	34	2	2	0	0	0	65
FRANKLIN	66,125	308	430	18	28	7	40	1	6	0	0	0	69
FREMONT	33,234	269	247	46	30	3	21	0	0	0	0	0	50
GREENE	48,905	329	297	27	32	2	36	3	1	0	0	0	61
GRUNDY	65,494	297	441	16	38	11	32	2	1	0	0	0	72
GUTHRIE	62,167	320	389	48	20	5	24	1	3	0	0	0	47
HAMILTON	68,800	327	421	9	20	1	35	1	1	0	32	0	67
HANCOCK	53,743	323	333	15	24	10	47	2	1	0	0	0	68
HARDIN	82,380	322	512	15	42	3	33	3	2	1	0	0	73
HARRISON	56,387	373	302	38	32	6	23	1	0	0	0	0	57
HENRY	44,514	225	396	31	14	4	38	3	1	10	0	0	53
HOWARD	57,255	247	463	26	10	37	23	1	2	0	0	0	64
HUMBOLDT	35,589	255	279	15	32	7	40	4	2	0	0	0	70
IDA	70,756	236	599	21	48	5	25	1	0	1	0	0	71
IOWA	83,799	315	532	37	22	6	34	1	1	0	0	0	54
JACKSON	111,253	341	653	32	22	23	22	1	1	0	0	0	61
JASPER	99,395	404	492	31	24	8	34	1	1	0	0	0	58
JEFFERSON	38,361	210	365	41	13	4	36	5	0	0	0	0	47
JOHNSON	82,246	284	579	26	14	9	43	4	3	1	0	0	58
JONES	105,355	307	687	22	27	16	33	1	0	0	0	0	67
KEOKUK	75,535	315	479	33	12	5	45	3	1	1	1	0	52
KOSSUTH	93,291	561	333	12	34	8	41	2	3	0	0	0	73
LEE	47,685	242	394	30	19	15	31	3	2	0	0	0	59
LINN	69,225	342	405	28	15	20	34	2	1	0	0	0	59
LOUISA	29,248	197	297	34	19	1	43	2	0	0	0	0	53
LUCAS	43,165	211	408	65	8	3	19	3	1	0	0	0	32
LYON	117,790	327	721	16	43	16	22	1	1	0	0	0	75
MADISON	60,078	305	394	53	15	3	25	2	1	0	0	0	41
MAHASKA	85,573	296	578	22	26	7	41	1	3	0	0	0	64

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE											
IOWA														
MARION	66,318	264	502	29	16	12	38	3	1	0	0	0	57	
MARSHALL	67,371	326	413	33	34	4	25	2	1	0	0	0	60	
MILLS	39,458	226	349	27	49	3	20	1	0	0	0	0	68	
MITCHELL	62,444	273	457	15	23	22	33	1	3	2	0	0	71	
MONONA	56,828	398	285	31	41	4	23	1	0	0	0	0	63	
MONROE	37,841	202	375	65	6	6	21	3	0	0	0	0	32	
MONTGOMERY	49,549	232	427	33	34	4	27	1	0	0	0	0	59	
MUSCATINE	48,703	232	421	29	19	10	40	2	1	0	0	0	58	
O'BRIEN	108,888	336	648	9	57	7	24	1	1	0	0	0	82	
OSCEOLA	65,476	235	558	11	52	11	22	1	1	0	0	0	80	
PAGE	61,934	304	408	39	28	3	29	1	0	0	0	0	53	
PALO ALTO	50,034	316	317	16	38	5	37	2	2	0	0	0	72	
PLYMOUTH	168,194	496	678	19	43	5	30	1	1	0	0	0	71	
POCAHONTAS	53,597	336	319	13	39	3	37	2	4	2	0	0	74	
POLK	28,724	254	226	39	19	9	28	2	3	0	0	0	53	
POTTAWATTAMIE (E)	142,365	513	555	18	59	2	19	1	0	0	0	0	76	
POWESHIEK	74,847	339	442	42	17	8	32	1	0	0	0	0	50	
RINGGOLD	54,936	291	377	60	11	7	21	1	0	0	0	0	37	
SAC	114,774	334	687	17	52	4	26	1	1	0	0	0	75	
SCOTT	65,588	216	609	18	26	13	40	1	2	0	0	0	68	
SHELBY	91,486	339	540	26	39	5	29	1	1	0	0	0	66	
SIoux	248,827	446	1,116	6	58	14	20	0	1	0	0	0	86	
STORY	48,694	319	305	18	26	7	37	3	3	7	0	0	66	
TAMA	84,843	385	441	27	27	6	32	2	1	0	0	0	58	
TAYLOR	52,874	280	377	59	13	3	22	1	1	0	0	0	38	
UNION	48,436	234	414	57	15	5	23	1	0	0	0	0	39	
VAN BUREN	42,183	256	329	57	8	4	25	5	0	0	0	0	36	
WAPELLO	32,655	196	333	47	15	6	28	3	2	0	0	0	46	
WARREN	56,522	295	383	54	10	8	26	1	1	0	0	0	41	
WASHINGTON	82,356	304	542	22	13	3	54	2	2	3	0	0	59	
WAYNE	53,151	280	380	66	9	6	15	2	0	1	0	0	32	
WEBSTER	45,251	397	228	19	18	5	35	2	18	3	0	0	68	
WINNEBAGO	28,489	229	249	14	17	17	49	2	1	0	0	0	68	
WINNESHIEK	116,790	348	671	21	7	46	24	1	1	0	0	0	68	
WOODBURY	131,045	468	561	23	43	3	22	2	0	7	0	0	68	
WORTH	33,808	220	308	18	21	14	35	3	3	6	0	0	66	
WRIGHT	36,140	339	213	17	23	5	49	4	2	0	0	0	65	
TOTAL	7,088,232	30,302	468	26	28	12	30	2	1	1	0	0	64	
KANSAS														
ALLEN	32,697	286	229	61	10	20	8	0	0	0	0	0	39	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE RANGE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	POUNDS PER ACRE
KANSAS													
ANDERSON	32,980	325	203	63	6	19	10	0	2	0	0	0	37
ATCHISON	27,334	228	239	50	15	17	16	0	1	0	0	0	47
BARBER	38,619	676	114	85	7	4	4	1	0	0	0	0	20
BARTON	126,503	539	469	16	79	2	2	0	0	0	0	0	84
BOURBON	37,443	322	233	67	6	18	7	1	0	0	0	0	34
BROWN	39,911	318	251	43	25	16	15	0	0	0	0	0	54
BUTLER	128,059	724	354	35	54	4	6	1	0	0	0	0	65
CHASE	27,569	336	164	63	26	2	6	1	3	0	0	0	40
CHAUTAQUA	30,108	322	187	86	4	3	6	0	0	0	0	0	18
CHEROKEE	21,195	267	159	78	5	9	7	0	0	0	0	0	25
CHEYENNE	23,497	568	83	73	11	6	9	1	0	0	0	0	29
CLARK	33,355	587	114	43	56	0	0	0	0	0	0	0	61
CLAY	35,262	357	198	50	19	9	18	1	3	0	0	0	47
CLOUD	25,632	402	128	69	15	4	11	2	0	0	0	0	32
COFFEY	27,029	360	150	62	14	12	11	0	2	0	0	0	39
COMANCHE	26,672	501	106	79	14	5	2	0	0	0	0	0	26
COWLEY	70,626	607	233	49	33	5	12	2	0	0	0	0	50
CRAWFORD	32,558	292	223	68	11	13	7	1	0	0	0	0	34
DECATUR	39,546	513	154	46	44	3	7	0	0	0	0	0	56
DICKINSON	50,599	528	191	40	35	9	11	3	3	0	0	0	58
DONIPHAN	26,300	208	253	44	27	8	19	1	1	0	0	0	52
DOUGLAS	27,847	223	250	47	15	26	11	1	0	0	0	0	50
EDWARDS	22,194	370	120	31	59	8	2	1	0	0	0	0	70
ELK	30,314	307	198	81	2	4	12	1	0	0	0	0	21
ELLIS	44,815	541	166	51	38	9	2	0	0	0	0	0	51
ELLSWORTH	26,033	388	134	75	16	4	5	0	0	0	0	0	30
FINNEY	117,759	648	363	9	90	0	1	0	0	0	0	0	92
FORD	69,667	661	211	14	78	4	4	0	0	0	0	0	86
FRANKLIN	35,174	279	253	52	12	23	10	2	0	0	0	0	46
GEARY	14,005	160	175	57	9	19	14	1	0	0	0	0	41
GOVE	59,108	625	189	35	57	5	2	0	0	0	0	0	66
GRAHAM	26,217	539	97	85	7	4	3	0	0	0	0	0	20
GRANT	25,708	311	166	22	75	0	3	0	0	0	0	0	79
GRAY	73,895	512	289	12	84	1	1	2	0	0	0	0	88
GREELEY	31,550	424	149	11	85	1	2	0	1	0	0	0	89
GREENWOOD	56,514	625	181	79	9	7	4	0	0	0	0	0	25
HAMILTON	27,039	530	102	28	70	1	1	0	0	0	0	0	74
HARPER	28,294	492	115	60	19	12	3	3	0	0	0	0	41
HARVEY	36,929	303	244	25	35	17	12	7	4	0	0	0	67
HASKELL	101,238	355	570	3	96	0	0	0	0	0	0	0	97
HODGEMAN	51,696	482	215	23	74	3	1	0	0	0	0	0	79
JACKSON	36,039	318	227	67	7	13	11	2	0	0	0	0	33
JEFFERSON	31,970	246	260	59	7	20	13	0	0	0	0	0	39
JEWELL	46,141	493	187	57	18	5	17	2	0	0	0	0	40
JOHNSON	20,325	186	218	63	9	16	10	1	1	0	0	0	37

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
											TONS	PER ACRE
KANSAS												
KEARNY	75,273	484	311	13	85	0	1	0	0	0	0	88
KINGMAN	35,200	510	138	77	4	15	10	3	1	0	0	32
KIOWA	14,932	420	71	67	5	1	9	5	3	0	0	24
LABETTE	62,047	359	345	50	35	10	4	1	0	0	0	52
LANE	31,359	454	138	20	76	1	2	0	0	0	0	81
LEAVENWORTH	29,378	198	296	52	3	34	7	1	2	0	0	46
LINCOLN	29,130	437	133	75	9	7	7	2	0	0	0	27
LINN	32,400	298	218	66	7	14	12	1	0	0	0	34
LOGAN	14,627	572	51	80	10	5	5	0	0	0	0	24
LYON	54,760	430	255	39	40	12	7	0	3	0	0	61
MC PHERSON	47,493	525	181	39	24	20	10	5	2	0	0	57
MARION	48,035	526	183	45	9	27	13	2	3	0	0	50
MARSHALL	47,685	517	184	52	11	17	19	1	1	0	0	44
MEADE	29,387	622	94	48	46	2	3	1	0	0	0	54
MIAMI	35,878	280	257	64	5	22	7	1	1	0	0	36
MITCHELL	32,480	453	143	43	38	3	13	3	0	0	0	55
MONTGOMERY	35,287	309	228	65	3	13	18	1	0	0	0	33
MORRIS	47,636	387	246	47	26	16	10	0	0	0	0	52
MORTON	7,996	558	29	81	14	0	2	2	0	0	0	24
NEMAHA	59,073	397	298	37	21	22	18	1	1	0	0	57
NEOSHO	38,748	293	265	60	13	16	10	0	0	0	0	39
NESS	24,328	666	73	80	10	4	3	1	2	0	0	25
NORTON	28,518	460	124	74	10	7	9	0	0	0	0	29
OSAGE	29,329	356	165	60	16	10	12	2	0	0	0	39
OSBORNE	35,459	554	128	74	11	6	6	3	0	0	0	28
OTTAWA	38,829	391	199	45	40	7	7	1	0	0	0	55
PAWNEE	33,094	468	141	30	60	4	5	1	0	0	0	70
PHILLIPS	46,719	543	172	76	4	5	12	1	0	0	0	25
POTTAWATOMIE	46,047	418	220	64	10	10	14	0	1	0	0	35
PRATT	33,611	409	164	24	62	5	8	1	1	0	0	75
RAWLINS	29,528	617	96	71	4	14	8	2	0	0	0	30
RENO	49,837	679	147	48	4	21	13	10	4	0	0	44
REPUBLIC	47,000	393	239	39	42	6	12	2	0	0	0	59
RICE	28,827	438	132	39	36	11	10	3	0	0	0	58
RILEY	27,638	250	221	54	10	17	16	3	0	0	0	42
ROOKS	28,873	541	107	75	8	13	4	0	0	0	0	29
RUSH	17,098	431	79	88	6	2	3	1	1	0	0	18
RUSSELL	23,029	467	99	79	4	12	3	1	0	0	0	25
SALINE	38,034	393	193	49	33	11	6	0	0	0	0	51
SCOTT	68,063	460	296	7	91	0	2	0	0	0	0	93
SEDGWICK	54,250	525	207	28	18	31	9	9	2	1	0	63
SEWARD	48,491	316	307	9	88	1	3	0	0	0	0	91
SHAWNEE	20,941	232	180	59	12	13	11	3	2	0	0	39
SHERIDAN	57,805	469	247	32	57	7	4	0	0	0	0	69
SHERMAN	29,411	609	97	44	47	3	3	4	0	0	0	57

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER CHICKENS	ECONOMICALLY RECOVERABLE CHICKENS	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE										PERCENT
KANSAS													
SMITH	48,517	538	180	59	23	7	11	1	0	0	0	41	
STAFFORD	19,433	440	88	77	11	4	7	1	0	0	0	26	
STANTON	46,875	493	190	18	81	0	1	0	0	0	0	83	
STEVENS	25,797	446	116	34	62	1	3	0	0	0	0	67	
SUMNER	33,159	689	96	60	11	10	9	8	1	0	0	36	
THOMAS	37,726	689	110	32	58	2	5	3	0	0	0	67	
TREGO	23,192	492	94	84	3	9	3	1	0	0	0	21	
WABAUNSEE	36,241	388	187	67	8	8	10	2	5	0	0	34	
WALLACE	17,893	514	70	69	24	4	3	0	0	0	0	35	
WASHINGTON	66,056	512	258	39	27	12	20	1	0	0	0	56	
WICHITA	65,498	413	317	12	87	0	1	0	0	0	0	89	
WILSON	28,597	312	183	74	4	7	10	0	6	0	0	28	
WOODSON	27,377	276	198	59	28	6	6	1	0	0	0	43	
WYANDOTTE	3,956	24	328	45	35	14	4	1	2	0	0	56	
TOTAL	4,147,845	45,624	182	45	37	8	7	1	1	0	0	55	
KENTUCKY													
ADAIR	32,937	121	545	44	2	50	4	0	0	0	0	53	
ALLEN	27,517	133	414	74	1	18	6	0	0	0	0	28	
ANDERSON	13,496	78	344	49	1	49	1	0	0	0	0	50	
BALLARD	13,590	98	278	50	1	30	18	0	0	0	0	45	
BARREN	64,055	215	596	48	2	46	4	0	0	0	0	50	
BATH	20,233	110	367	68	2	28	2	0	1	0	0	34	
BELL	770	3	564	41	0	42	15	0	1	0	0	53	
BOONE	15,057	84	357	66	4	23	5	1	0	0	0	35	
BOURBON	31,739	167	381	73	5	10	9	3	0	0	0	28	
BOYD	3,658	29	252	61	2	28	1	0	8	0	0	41	
BOYLE	21,390	96	446	70	4	21	3	2	0	0	0	32	
BRACKEN	15,081	92	328	40	1	58	1	0	0	0	0	57	
BREATHITT	1,336	23	114	38	3	41	7	0	11	0	0	58	
BRECKINRIDGE	37,684	234	322	77	2	9	11	0	0	0	0	25	
BULLITT	12,217	59	412	55	2	36	7	0	0	0	0	44	
BUTLER	15,244	111	274	68	3	17	12	0	0	0	0	32	
CALDWELL	19,031	116	328	62	2	18	17	0	0	0	0	35	
CALLOWAY	17,717	127	279	53	2	33	11	0	1	0	0	44	
CAMPBELL	6,551	40	324	50	1	44	2	0	2	0	0	48	
CARLISLE	12,521	75	333	55	4	29	11	0	0	0	0	43	
CARROLL	8,262	47	351	60	1	36	3	0	0	0	0	41	
CARTER	10,650	89	240	50	1	21	1	0	28	0	0	52	
CASEY	28,903	130	445	61	2	35	2	0	0	0	0	40	
CHRISTIAN	38,007	249	305	70	2	6	20	0	2	0	0	28	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING FENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PER ACRE
CLARK	23,451	125	375	73	4	10	5	3	5	0	0	29		
CLAY	3,836	44	175	60	2	31	3	1	2	0	2	41		
CLINTON	15,656	65	482	66	1	23	10	0	0	0	0	34		
CRITTENDEN	16,362	114	286	79	4	3	13	0	0	0	0	22		
CUMBERLAND	13,607	81	336	59	0	31	9	0	1	0	0	40		
DAVISS	32,690	190	344	48	14	22	10	0	6	0	0	50		
EDMONSON	12,758	71	361	64	2	20	10	0	0	0	3	35		
ELLIOTT	3,998	47	169	71	1	26	1	0	1	0	0	32		
ESTILL	5,779	45	258	81	1	10	7	0	1	0	0	22		
FAYETTE	22,952	144	318	84	2	8	5	2	0	0	0	20		
FLEMING	34,258	138	497	47	3	48	2	1	1	0	0	51		
FLOYD	903	12	147	61	5	26	5	1	3	0	0	39		
FRANKLIN	11,976	82	293	85	3	9	2	0	0	0	0	20		
FULTON	7,836	90	174	62	5	10	21	1	0	0	0	34		
GALLATIN	5,537	39	281	56	1	41	1	1	0	0	0	44		
GARRARD	27,453	122	450	67	2	26	4	0	0	0	0	34		
GRANT	12,823	110	233	66	2	29	2	1	0	0	0	36		
GRAVES	27,189	208	262	52	2	21	22	1	2	0	0	42		
GRAYSON	32,097	171	376	57	2	27	11	0	2	0	0	41		
GREEN	34,452	120	572	47	1	42	4	0	0	0	6	51		
GREENUP	6,140	64	191	62	2	21	2	0	13	0	0	40		
HANCOCK	6,585	53	247	81	5	3	10	0	1	0	0	22		
HARDIN	42,934	195	440	60	4	26	8	0	2	0	0	39		
HARLAN	660	4	356	67	0	28	2	1	3	0	0	35		
HARRISON	27,180	152	358	75	3	13	7	1	0	0	0	26		
HART	34,475	150	461	46	2	50	3	0	0	0	0	52		
HENDERSON	21,443	190	226	68	8	1	22	0	1	0	0	30		
HENRY	25,543	124	412	49	1	43	4	2	0	0	0	48		
HICKMAN	12,610	89	282	54	8	19	18	1	0	0	0	42		
HOPKINS	12,789	125	204	66	6	12	15	0	0	0	0	33		
JACKSON	8,837	59	300	52	1	44	3	0	1	0	0	47		
JEFFERSON	13,843	68	404	57	3	35	5	0	0	0	0	42		
JESSAMINE	14,449	77	375	80	3	10	6	2	0	0	0	23		
JOHNSON	1,290	18	142	50	1	29	2	1	18	0	0	51		
KENTON	8,097	40	406	65	2	23	3	1	7	0	0	37		
KNOTT	165	3	99	20	0	17	2	0	61	0	0	79		
KNOX	3,327	40	167	65	3	28	3	0	1	0	0	37		
LARUE	28,317	106	534	53	3	36	7	0	1	0	0	45		
LAUREL	17,244	81	427	51	2	36	1	0	0	0	10	49		
LAWRENCE	4,986	48	209	51	1	19	1	0	28	0	0	51		
LEE	1,236	14	183	55	1	36	6	0	2	0	0	44		
LESLIE	185	8	44	19	4	53	14	0	10	0	0	73		
LETCHER	324	6	104	57	0	30	6	1	6	0	0	42		
LEWIS	16,473	100	329	37	1	45	1	0	16	0	0	61		
LINCOLN	38,788	156	497	59	3	34	3	0	0	0	0	41		

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	CROPLAND : RATIO OF :		MANURE TO: CATTLE: FEEDER: DAIRY :		HOGS :		SHEEP: LAYING: TUR- :		BROIL-: ECONOMICALLY :	
					AND : PASTURELAND :	LAND AREA: -RANGE: CATTLE:	CATTLE:	HENS :	KEYS :	ERS :	RECCVERABLE :			
					PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL
KENTUCKY														
LIVINGSTON	18,089	113	319	78	4	6	11	0	0	0	0	0	0	24
LOGAN	45,722	220	415	56	1	33	9	0	0	0	0	0	0	42
LYON	8,197	44	370	71	2	9	18	0	1	0	0	0	0	28
MCCRACKEN	8,661	64	273	63	2	19	11	0	4	0	0	0	0	37
MCCREARY	953	8	248	71	0	20	6	0	3	0	0	0	0	31
MCLEAN	8,606	108	160	67	5	5	23	0	0	0	0	0	0	30
MADISON	28,818	151	301	81	6	9	3	0	1	0	0	0	0	24
MAGOFFIN	1,870	33	113	47	2	45	2	0	3	0	0	0	0	51
MARION	36,244	142	512	52	5	38	5	0	0	0	0	0	0	47
MARSHALL	10,477	74	282	76	2	8	13	1	0	0	0	0	0	25
MARTIN	674	5	294	43	45	8	1	0	2	0	0	0	0	59
MASON	25,721	128	403	44	2	48	3	1	1	1	0	0	0	53
MEADE	20,074	96	416	68	7	9	14	0	2	0	0	0	0	32
MENIFEE	2,533	32	157	60	3	33	3	0	1	0	0	0	0	41
MERCER	29,872	128	468	56	2	37	4	1	0	0	0	0	0	43
METCALFE	23,189	97	480	39	2	55	4	0	0	0	0	0	0	58
MONROE	28,945	120	483	53	1	38	7	0	0	0	0	0	0	45
MONTGOMERY	19,668	98	403	75	3	20	1	0	0	0	0	0	0	29
MORGAN	6,047	61	198	64	1	32	1	0	1	0	0	0	0	37
MUHLENBERG	15,637	83	377	58	2	7	14	0	0	19	0	0	0	42
NELSON	44,530	162	551	44	5	43	8	0	0	0	0	0	0	53
NICHOLAS	14,543	91	319	72	3	19	4	2	0	0	0	0	0	30
OHIO	16,030	135	237	72	4	10	13	0	0	0	0	0	0	28
OLDHAM	18,954	82	461	45	1	43	6	0	1	0	0	0	0	49
OWEN	16,946	136	249	63	1	34	0	1	0	0	0	0	0	38
OWSLEY	1,138	21	106	59	0	27	12	0	3	0	0	0	0	40
PENDLETON	15,536	112	277	62	1	34	2	1	0	0	0	0	0	39
PERRY	428	3	267	19	0	38	19	0	24	0	0	0	0	72
PIKE	743	5	292	53	3	33	7	0	4	0	0	0	0	45
POWELL	2,957	29	203	86	2	7	5	0	1	0	0	0	0	19
PULASKI	50,388	173	581	56	3	37	4	0	1	0	0	0	0	44
ROBERTSON	5,088	44	232	50	1	47	0	1	0	0	0	0	0	48
ROCKCASTLE	15,378	71	434	58	1	36	2	0	2	0	0	0	0	42
ROWAN	4,210	39	214	61	2	25	6	0	7	0	0	0	0	39
RUSSELL	20,899	72	577	55	1	36	7	0	1	0	0	0	0	44
SCOTT	23,224	149	311	81	5	6	5	3	0	0	0	0	0	22
SHELBY	50,144	182	550	30	2	63	4	0	1	0	0	0	0	65
SIMPSON	23,820	116	411	48	3	36	13	0	0	0	0	0	0	48
SPENCER	21,603	90	478	28	1	68	3	0	0	0	0	0	0	67
TAYLOR	25,707	95	541	55	2	34	8	0	1	0	0	0	0	43
TODD	27,268	154	355	56	2	24	11	0	6	0	0	0	0	42
TRIGG	16,737	102	328	74	2	5	18	0	0	0	0	0	0	25
TRIMBLE	7,539	52	289	56	2	35	7	0	0	0	0	0	0	43
UNION	34,947	179	390	48	13	1	38	0	0	0	0	0	0	43
WARREN	50,515	229	442	69	3	19	9	0	0	0	0	0	0	32

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL				PERCENT
										TONS	1,000 ACRES	POUNDS PER ACRE	BEEF CATTLE	
KENTUCKY														
WASHINGTON	30,231	143	422	55	1	41	2	0	0	0	0	0	0	45
WAYNE	23,673	83	568	50	3	18	26	0	2	0	0	0	0	44
WEBSTER	14,259	130	219	62	5	2	31	0	0	0	0	0	0	33
WHITLEY	5,610	35	321	66	1	23	3	0	1	0	0	5	0	36
WOLFE	3,126	42	149	64	3	29	3	0	2	0	0	0	0	38
WOODFORD	20,584	113	366	87	4	3	3	2	0	0	0	0	0	18
TOTAL	2,107,931	11,428	369	59	3	28	8	0	1	0	0	0	0	40
LOUISIANA														
ACADIA	26,687	300	178	60	24	13	1	2	0	0	0	0	0	33
ALLEN	7,476	136	110	84	0	12	0	2	0	0	0	0	0	9
ASCENSION	6,680	48	279	87	6	3	1	0	4	0	0	0	0	12
ASSUMPTION	357	59	12	68	0	29	1	0	1	0	0	0	0	19
AVOUELLES	28,150	217	259	80	2	16	2	0	0	0	0	0	0	13
BEAUREGARD	19,284	139	277	71	1	21	1	3	0	0	0	0	0	18
BIENVILLE	12,169	47	517	60	1	29	0	0	5	0	4	0	0	28
BOSSIER	23,788	113	422	90	0	9	0	0	0	0	0	0	0	6
CADDO	37,648	223	338	78	5	13	1	0	3	0	0	0	0	16
CALCASIEU	28,177	365	154	95	1	2	1	0	1	0	0	0	0	3
CALDWELL	5,994	43	278	93	1	4	2	0	0	0	0	0	0	4
CAMERON	19,228	224	172	97	0	2	0	0	0	0	0	0	0	2
CATAHOULA	8,904	175	102	79	6	10	5	0	0	0	0	0	0	15
CLAIBORNE	18,323	68	536	51	1	42	0	0	0	0	0	5	0	31
CONCORDIA	10,356	192	108	96	0	2	1	0	0	0	0	0	0	3
DE SOTO	50,944	154	662	46	0	51	0	0	2	0	0	1	0	33
EAST BATON ROUGE	24,412	119	412	65	1	32	0	0	1	0	0	0	0	22
EAST CARROLL	2,403	195	25	91	1	5	3	0	0	0	0	0	0	5
EAST FELICIANA	28,963	133	435	69	3	27	0	0	1	0	0	0	0	20
EVANGELINE	20,069	178	226	82	1	16	1	1	0	0	0	0	0	11
FRANKLIN	26,583	266	200	80	1	17	1	0	0	0	0	0	0	12
GRANT	12,203	61	401	81	0	6	2	0	10	0	0	0	0	15
IBERIA	11,101	107	208	44	1	53	2	0	0	0	0	0	0	33
IBERVILLE	11,101	100	221	94	0	5	0	0	0	0	0	0	0	3
JACKSON	9,102	26	713	50	0	9	0	0	14	0	0	26	0	46
JEFFERSON	701	4	369	96	0	0	3	0	1	0	0	0	0	3
JEFFERSON DAVIS	11,907	305	78	91	0	6	2	2	0	0	0	0	0	5
LAFAYETTE	27,870	111	502	48	0	50	1	0	0	0	0	0	0	31
LAFOURETTE	15,219	120	254	96	2	2	0	0	0	0	0	0	0	3
LA SALLE	5,002	13	753	76	6	12	3	0	3	0	0	0	0	17
LINCOLN	20,804	46	903	41	0	18	0	0	3	0	0	37	0	51
LIVINGSTON	19,508	41	963	43	0	18	1	0	33	0	0	6	0	50

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	BEEF	DAIRY	HOGS	SHEEP	LAYING	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE
LOUISIANA													
MADISON	5,539	200	55	17	19	5	0	1	0	0	0	0	32
MOREHOUSE	14,525	250	116	3	27	0	0	0	0	0	0	0	19
NATCHITOCHES	46,072	230	401	0	2	0	0	0	0	0	10	0	11
OUACHITA	11,113	72	307	1	21	2	0	2	0	0	3	0	20
PLAQUEMINES	1,434	28	102	0	0	0	0	0	0	0	0	0	0
POINTE COUPEE	25,610	166	308	1	6	0	0	0	0	0	0	0	5
RAPIDES	35,651	188	380	1	14	2	0	6	0	2	0	0	18
RED RIVER	23,780	113	420	0	2	0	0	1	0	0	0	0	2
RICHLAND	26,715	233	229	0	34	2	0	0	0	0	0	0	21
SABINE	22,351	51	881	2	17	0	0	0	0	0	44	0	57
ST BERNARD	659	8	166	0	1	0	0	0	0	0	0	0	1
ST CHARLES	3,000	41	147	0	1	0	0	0	0	0	0	0	0
ST HELENA	33,293	55	1,210	0	75	0	0	3	0	0	0	0	48
ST JAMES	541	41	26	9	5	1	0	0	0	0	0	0	13
ST JOHN THE BAPTIST	598	18	68	2	1	10	0	0	0	0	0	0	8
ST LANDRY	32,526	270	241	2	28	1	0	1	0	0	0	0	20
ST MARTIN	9,360	77	243	1	28	1	0	1	0	0	0	0	19
ST MARY	455	83	11	0	8	2	0	2	0	0	0	0	7
ST TAMMANY	15,962	45	702	1	24	1	0	5	0	0	0	0	21
TANGIPAHOA	100,808	126	1,596	0	70	0	0	11	0	0	2	0	56
TENSAS	15,672	200	157	0	2	5	0	0	0	0	0	0	4
TERREBONNE	2,951	45	132	0	2	0	0	0	0	0	0	0	2
UNION	29,480	57	1,038	0	13	0	0	3	0	0	43	0	54
VERMILION	35,200	350	201	1	15	0	0	0	0	0	0	0	10
VERNON	19,651	71	554	1	38	1	0	1	0	0	11	0	35
WASHINGTON	64,508	100	1,288	1	76	0	0	0	0	0	0	0	47
WEBSTER	17,476	64	543	1	20	1	0	4	0	0	0	0	18
WEST BATON ROUGE	3,178	35	183	2	19	0	0	0	0	0	0	0	14
WEST CARROLL	17,947	166	217	2	13	18	0	5	0	0	0	0	24
WEST FELICIANA	14,250	97	295	4	15	2	0	0	0	0	0	0	14
WINN	5,073	21	484	1	4	2	0	3	0	0	0	0	7
TOTAL	1,186,491	7,829	303	2	28	1	0	3	0	4	0	0	25
MAINE													
ANDROSCOGGIN	64,306	39	3,265	0	21	0	0	56	0	0	22	0	97
AROSTOOK	11,453	289	79	1	74	1	1	2	0	0	0	0	74
CUMBERLAND	16,057	38	851	1	44	1	0	29	0	0	18	0	90
FRANKLIN	7,938	25	631	0	67	0	2	8	0	0	16	0	87
HANCOCK	1,741	25	140	0	25	1	3	17	0	0	52	0	93
KENNEBEC	51,723	71	1,465	0	41	0	0	21	0	0	35	0	94
KNOX	10,681	17	1,237	0	18	0	2	51	0	0	25	0	94

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PER ACRE
MAINE													
LINCOLN	4,781	13	727	5	1	40	0	6	32	0	16	88	
OXFORD	11,474	42	542	8	0	66	0	1	6	0	18	86	
PENOBSCOT	27,134	80	674	2	0	69	0	1	15	0	11	90	
PISCATAQUIS	5,886	19	609	7	0	86	0	3	4	0	0	84	
SAGadahoc	4,503	9	1,057	4	0	52	0	6	13	0	25	88	
SOMERSET	33,160	69	955	3	0	62	0	1	24	0	10	91	
WALDO	32,770	45	1,469	1	0	35	0	1	18	0	44	95	
WASHINGTON	4,106	44	185	8	0	27	0	1	64	0	0	89	
YORK	21,273	42	1,007	5	0	46	0	1	37	0	11	91	
TOTAL	308,986	867	713	4	0	44	0	1	29	0	22	92	
MARYLAND													
ALLEGANY	4,315	28	309	54	5	33	2	2	3	0	0	45	
ANNE ARUNDEL	3,570	32	421	20	20	22	12	1	1	4	0	53	
BALTIMORE	19,565	93	223	43	4	61	3	5	4	0	0	69	
CALVERT	1,723	28	124	67	7	8	12	2	5	0	0	31	
CAROLINE	29,974	106	568	3	0	18	4	0	3	0	71	93	
CARROLL	54,245	161	673	9	8	71	5	1	6	0	1	82	
CECIL	20,087	87	462	15	2	79	1	1	2	0	1	78	
CHARLES	4,077	52	157	56	11	8	17	5	3	0	0	37	
DORCHESTER	10,424	113	185	7	1	11	16	1	4	0	60	84	
FREDERICK	96,039	219	878	8	1	89	1	0	1	0	0	83	
GARRETT	24,163	60	803	22	7	61	1	2	4	0	2	71	
HARFORD	28,003	97	578	18	4	74	3	1	1	0	0	74	
HOWARD	11,912	54	439	20	12	58	7	2	1	0	0	71	
KENT	14,778	117	252	7	1	84	6	1	0	0	1	82	
MONTGOMERY	21,017	106	398	31	2	64	2	1	0	0	0	64	
PRINCE GEORGES	4,762	49	193	49	2	25	19	4	1	0	0	41	
QUEEN ANNES	15,880	136	234	8	2	71	10	1	1	0	7	80	
ST MARYS	6,094	60	202	33	5	18	35	3	5	0	0	48	
SOMERSET	33,827	50	1,362	3	0	6	3	0	5	0	83	95	
TALBOT	12,268	99	249	7	2	33	12	1	0	0	45	84	
WASHINGTON	50,331	133	759	11	5	80	3	1	1	1	0	80	
WICOMICO	65,701	78	1,681	1	0	1	5	0	5	0	88	96	
WORCESTER	51,523	88	1,176	2	0	4	6	0	4	0	83	94	
TOTAL	584,278	2,046	571	11	3	50	5	1	3	0	28	82	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL										PERCENT
						BEEF	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILER	ECONOMICALLY RECOVERABLE		
MASSACHUSETTS																
BARNSTABLE	237	3	182	5	1	86	0	4	5	0	0	0	0	85		
BERKSHIRE	18,816	47	801	5	0	89	0	1	5	0	0	0	0	86		
BRISTOL	17,539	25	1,381	6	1	77	8	1	8	0	0	0	0	83		
DUKES	337	5	71	23	2	21	0	53	1	0	0	0	0	50		
ESSEX	8,229	19	869	4	0	75	6	1	14	0	0	1	0	86		
FRANKLIN	17,851	50	715	4	1	91	0	0	2	1	0	0	0	87		
HAMPDEN	10,182	25	816	4	1	81	1	1	5	6	0	0	0	86		
HAMPSHIRE	18,266	47	785	3	2	72	2	1	15	5	0	0	0	88		
MIDDLESEX	13,182	28	939	10	0	44	9	2	33	2	0	0	0	81		
NORFOLK	3,079	6	973	10	2	64	6	3	11	4	0	0	0	80		
PLYMOUTH	12,731	36	714	2	1	84	3	1	8	1	0	0	0	88		
WORCESTER	38,474	82	935	5	1	70	6	1	17	1	0	0	0	86		
TOTAL	158,923	377	843	5	1	76	4	1	12	1	0	0	0	85		
MICHIGAN																
ALCONA	5,870	44	270	58	3	30	1	3	5	0	0	0	0	42		
ALGER	2,636	14	375	16	1	79	1	1	3	0	0	0	0	77		
ALLEGAN	63,779	216	591	6	11	50	14	1	14	3	0	0	0	80		
ALPENA	10,321	60	343	29	2	61	4	1	3	0	0	0	0	65		
ANTRIM	6,339	42	301	23	12	52	1	0	8	3	0	0	0	72		
ARENAC	10,330	71	291	9	5	79	6	0	2	0	0	0	0	82		
BARAGA	2,063	14	305	20	0	79	0	0	0	0	0	0	0	74		
BARRY	26,154	148	354	16	6	62	6	4	4	2	0	0	0	73		
BAY	5,725	149	77	13	15	64	4	0	4	0	0	0	0	80		
BENZIE	2,177	18	248	58	8	15	19	0	0	0	0	0	0	36		
BERRIEN	13,502	162	167	12	8	44	21	1	15	0	0	0	0	74		
BRANCH	27,645	203	272	14	14	50	16	5	1	0	0	0	0	72		
CALHOUN	36,543	221	331	15	16	54	9	3	3	0	0	0	0	75		
CASS	31,559	156	405	13	7	26	46	3	4	0	0	0	0	60		
CHARLEVOIX	6,595	33	396	30	2	62	0	2	4	0	0	0	0	66		
CHEBOYGAN	5,082	38	269	50	2	45	1	2	0	0	0	0	0	48		
CHIPPewa	8,747	72	243	33	1	60	0	4	2	0	0	0	0	62		
CLARE	10,435	66	318	21	7	63	3	6	0	0	0	0	0	70		
CLINTON	44,275	222	399	8	10	70	8	3	1	0	0	0	0	81		
DELTA	9,919	63	316	35	1	62	1	0	2	0	0	0	0	62		
DICKINSON	3,706	26	287	20	0	79	0	0	1	0	0	0	0	74		
EATON	25,143	203	248	20	10	54	8	5	3	0	0	0	0	70		
EMMET	5,107	33	309	41	1	54	1	0	4	0	0	0	0	57		
GENESEEE	21,155	129	328	13	30	46	4	3	4	0	0	0	0	80		
GLADWIN	8,977	66	272	31	6	55	4	4	0	0	0	0	0	63		
GOGEBIC	1,188	7	318	29	0	70	0	0	0	0	0	0	0	66		

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	HOGS	DAIRY	CATTLE	BEEF	CATTLE	FEEDER	SHEEP	LAYING	TURKEYS	ERS	RECOVERABLE
MICHIGAN																
GRAND TRAVERSE	4,444	182	49	35	13	44	3	1	4	0	0	0	0	0	0	62
GRATIC	26,978	223	241	9	23	52	8	1	7	0	0	0	0	0	0	82
HILLSDALE	39,077	360	217	8	9	66	11	2	3	1	0	0	0	0	0	80
HOUGHTON	4,290	290	30	8	0	84	0	1	7	0	0	0	0	0	0	84
HURON	71,201	399	357	5	26	56	3	0	10	0	0	0	0	0	0	88
INGHAM	35,557	376	189	11	6	71	7	3	2	0	0	0	0	0	0	78
IONIA	41,861	395	212	9	7	68	7	1	7	0	0	0	0	0	0	81
IOSCO	7,607	314	48	46	10	38	4	1	0	0	0	0	0	0	0	51
IRON	2,033	234	17	47	1	48	1	0	3	0	0	0	0	0	0	52
ISABELLA	36,008	424	170	9	21	62	6	0	2	0	0	0	0	0	0	83
JACKSON	36,058	372	194	19	15	55	5	5	1	0	0	0	0	0	0	73
KALAMAZOO	23,331	336	139	13	21	40	18	2	5	0	0	0	0	0	0	74
KALKASKA	923	180	10	17	10	72	1	1	1	0	0	0	0	0	0	77
KENT	40,811	427	191	14	9	68	6	1	3	0	0	0	0	0	0	78
LAKE	2,449	279	18	41	2	51	4	1	2	0	0	0	0	0	0	55
LAPEER	38,219	409	187	10	10	76	2	1	1	0	0	0	0	0	0	82
LEELANAU	5,793	245	47	20	33	37	4	0	6	0	0	0	0	0	0	76
LENAWEE	39,883	250	319	5	22	46	18	4	5	0	0	0	0	0	0	80
LIVINGSTON	23,398	426	110	14	10	69	2	4	0	0	0	0	0	0	0	78
LUCE	393	82	10	72	1	1	3	1	21	0	0	0	0	0	0	31
MACKINAC	3,339	397	17	25	0	74	0	0	0	0	0	0	0	0	0	70
MACOMB	12,986	338	77	15	12	66	4	1	2	0	0	0	0	0	0	78
MANISTEE	2,685	146	37	47	4	28	3	4	14	0	0	0	0	0	0	51
MARQUETTE	2,236	260	17	25	0	71	2	2	1	0	0	0	0	0	0	69
MASON	11,452	320	72	12	8	75	2	1	2	0	0	0	0	0	0	81
MECOSTA	13,503	281	96	20	18	51	4	3	5	0	0	0	0	0	0	74
MENOMINEE	20,919	448	93	12	1	85	1	0	1	0	0	0	0	0	0	81
MIDLAND	6,455	170	76	18	35	42	4	0	1	0	0	0	0	0	0	78
MISSAUKEE	17,700	471	75	9	2	83	6	1	1	0	0	0	0	0	0	81
MONROE	11,392	111	204	6	31	36	15	4	8	0	0	0	0	0	0	81
MONTCALM	25,562	275	186	9	6	77	3	2	5	0	0	0	0	0	0	83
MONTMORENCY	4,390	419	21	24	1	68	0	5	1	0	0	0	0	0	0	69
MUSKEGON	12,238	372	66	11	10	72	4	0	2	0	0	0	0	0	0	81
NEWAYGO	20,702	406	102	13	3	68	3	5	7	0	0	0	0	0	0	77
OAKLAND	9,550	257	74	33	8	47	4	3	5	0	0	0	0	0	0	61
OCEANA	10,614	228	93	27	12	52	4	1	4	0	0	0	0	0	0	68
OGEMAW	12,642	389	65	18	5	73	1	3	0	0	0	0	0	0	0	75
ONTONAGON	3,752	238	32	34	0	61	0	2	3	0	0	0	0	0	0	63
OSCEOLA	19,978	420	95	16	1	70	2	1	1	0	0	0	0	0	0	76
OSCODA	3,542	418	17	19	5	78	2	3	2	0	0	0	0	0	0	74
OTSEGO	3,266	233	28	45	3	51	0	0	0	0	0	0	0	0	0	54
OTTAWA	59,121	793	149	6	4	46	9	0	12	22	0	0	0	0	0	73
PRESQUE ISLE	9,898	287	69	40	4	54	0	1	1	0	0	0	0	0	0	58
ROSCOMMON	272	98	6	84	0	14	0	0	2	0	0	0	0	0	0	22
SAGINAW	20,235	144	280	9	12	69	5	1	3	0	0	0	0	0	0	82

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF : CATTLE	FEEDER : DAIRY	HOGS : CATTLE	SHEEP : LAYING	TURKEYS : HENS	BROILERS : KEYS	ECONOMICALLY RECOVERABLE : ERS	PERCENT OF TOTAL	PERCENT
MICHIGAN												
ST. CLAIR	30,692	174	354	13	21	58	2	1	6	0	0	81
ST. JCSEPH	26,074	189	276	11	9	47	23	4	6	0	0	72
SANILAC	82,422	369	447	6	5	87	2	0	0	0	0	85
SCHOOLCRAFT	1,639	12	265	80	0	16	0	3	0	0	0	23
SHIAWASSEE	29,009	199	291	10	6	69	5	2	9	0	0	81
TUSCOLA	32,720	293	223	9	9	58	6	1	17	0	0	83
VAN BUREN	21,997	165	267	15	19	35	21	1	10	0	0	72
WASHTENAW	38,380	195	394	9	9	57	6	16	2	1	0	75
WAYNE	2,340	35	135	30	12	31	7	2	17	1	0	64
WEXFORD	4,596	32	289	17	3	75	3	2	0	0	0	75
TOTAL	1,463,584	8,941	327	13	11	60	8	2	5	1	0	77
MINNESOTA												
AITKIN	23,901	150	319	28	0	46	1	1	1	23	0	60
ANOKA	13,436	76	355	17	5	40	11	1	2	25	0	68
BECKER	53,657	362	297	19	3	51	5	3	2	18	0	68
BELTRAMI	20,885	421	99	50	1	39	6	5	1	0	0	47
BENTON	49,170	177	556	12	2	69	9	1	3	0	4	79
BIG STONE	19,835	236	168	27	25	24	19	2	3	0	0	66
BLUE EARTH	44,509	368	242	16	22	19	32	5	2	5	0	69
BROWN	56,662	296	383	5	19	41	25	1	4	5	0	81
CARLTON	17,332	102	340	28	0	69	1	1	0	0	0	67
CARVER	60,045	152	788	6	3	80	8	1	1	1	0	83
CASS	22,197	156	285	44	0	48	5	3	0	0	0	52
CHIPPEWA	25,581	300	171	18	26	22	29	2	4	0	0	70
CHISAGO	27,376	122	448	18	6	63	5	1	3	5	0	73
CLAY	28,210	563	100	28	15	33	7	5	12	0	0	66
CLEARWATER	22,651	252	179	41	1	29	5	6	18	0	0	55
COTTONWOOD	51,504	332	310	15	34	17	24	2	3	5	0	73
CROW WING	19,030	109	350	25	1	44	7	3	0	20	0	61
DAKOTA	39,446	215	366	8	18	58	11	1	2	2	0	82
DODGE	43,941	229	384	9	10	63	16	1	1	0	0	80
DOUGLAS	59,809	270	444	11	3	68	8	1	1	7	0	77
FARIBAULT	45,844	384	239	9	28	19	37	3	4	0	0	76
FILLMORE	129,501	435	596	28	8	41	16	2	1	4	0	62
FREEBORN	55,377	355	312	11	11	35	33	2	9	0	0	75
GOODHUE	95,208	356	535	14	7	66	8	2	1	1	0	77
GRANT	21,315	269	158	18	19	42	17	1	3	0	0	73
HENNEPIN	25,660	104	492	12	5	71	5	1	2	4	0	79
HOUSTON	78,178	256	611	25	10	47	12	0	1	4	0	66
HUBBARD	11,264	97	233	44	1	37	9	6	3	1	0	50

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE RANGE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE										
MINNESOTA													
ISANTI	19,235	120	322	17	3	64	9	1	5	0	0	74	
ITASCA	10,612	97	219	56	1	35	4	2	2	0	0	43	
JACKSON	61,225	358	342	14	40	11	27	5	3	0	0	74	
KANABEC	27,297	143	383	24	2	66	5	2	0	0	0	69	
KANDIYOCHI	97,603	265	737	6	8	31	8	1	1	44	0	71	
KITTSON	12,437	475	52	59	3	21	5	11	0	0	0	37	
KOOCHICHIING	5,036	90	112	64	2	22	5	2	5	0	0	37	
LAC QUI PARLE	37,112	384	193	31	22	22	21	2	2	0	0	62	
LAKE	263	4	120	60	2	17	0	21	0	0	0	33	
LAKE OF THE WOODS	5,979	92	130	65	2	21	8	4	0	0	0	34	
LE SUEUR	38,067	209	364	11	12	48	24	2	2	1	0	76	
LINCOLN	44,896	250	359	24	23	31	16	5	1	0	0	67	
LYON	66,769	366	365	18	39	17	22	3	2	0	0	73	
MC LEOD	64,810	247	525	5	5	75	11	0	4	0	0	84	
MAHNOTEN	17,352	170	205	34	4	51	9	2	1	0	0	60	
MARSHALL	27,051	747	72	46	4	29	7	14	0	0	0	46	
MARTIN	65,095	397	328	10	34	14	35	2	2	4	0	76	
MEEKER	67,639	270	501	5	5	51	14	0	4	21	0	78	
MILLE LACS	38,013	141	539	13	2	80	5	1	1	0	0	79	
MORRISON	100,320	378	530	11	1	62	8	1	3	13	1	76	
MOWER	58,653	359	326	15	16	37	28	2	3	0	0	73	
MURRAY	65,830	336	392	18	31	27	20	3	1	0	0	73	
NICOLLET	38,503	210	366	6	15	47	27	1	5	0	0	81	
NOBLES	85,427	358	477	14	32	22	26	4	2	1	0	75	
NORMAN	26,315	488	108	31	15	43	7	3	1	0	0	64	
OLMSTEAD	76,976	289	532	26	9	48	9	2	1	4	0	66	
OTTER TAIL (E)	166,520	793	420	12	3	58	6	2	1	19	0	74	
PENNINGTON	19,269	284	136	39	3	40	6	5	1	6	0	53	
PINE	47,732	222	429	19	1	69	5	2	5	0	0	74	
PIPESTONE	46,779	229	409	23	22	31	18	5	1	0	0	67	
POLK (E)	41,167	1,001	82	40	6	39	6	5	4	0	0	55	
POPE	45,192	288	313	19	8	60	12	1	1	0	0	73	
RAMSEY	671	3	482	30	2	31	15	8	15	0	0	60	
RED LAKE	13,854	179	155	36	3	45	4	7	4	0	0	57	
REDWOOD	60,681	464	262	13	36	21	25	1	3	0	0	77	
RENVILLE	52,359	515	203	11	27	30	26	3	4	0	0	77	
RICE	59,848	208	575	7	8	61	13	1	2	8	0	80	
ROCK	76,012	246	618	19	39	18	19	3	1	0	0	73	
ROSEAU	40,132	497	161	37	1	33	2	8	0	18	0	51	
ST LOUIS (N)	15,427	121	256	35	1	50	2	1	12	0	0	62	
SCOTT	38,293	135	569	9	7	71	9	1	2	0	0	81	
SHERBURNE	15,687	115	273	20	6	51	18	2	4	0	0	70	
SIBLEY	63,362	293	433	6	9	57	20	1	7	0	0	82	
STEARNS	229,236	594	772	5	3	62	9	0	2	19	1	79	
STEELE	44,569	200	445	7	6	62	21	1	4	0	0	80	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER-RECOVERABLE	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE										
MINNESOTA													
STEVENS	41,686	285	292	13	49	12	18	2	5	0	0	80	
SWIFT	75,951	366	415	11	11	13	10	1	1	54	0	65	
TODD	92,086	360	511	11	1	72	9	1	1	6	0	78	
TRAVERSE	14,885	300	99	23	28	21	19	7	2	0	0	67	
WABASHA	65,309	225	580	21	6	59	10	2	2	0	0	70	
WADENA	37,595	158	475	15	1	45	12	1	1	24	1	68	
WASECA	29,688	214	277	10	8	52	26	3	2	0	0	76	
WASHINGTON	20,851	108	386	16	18	52	7	3	3	1	0	76	
WATONWAN	28,620	231	248	14	21	23	36	2	4	0	0	72	
WILKIN	14,439	398	73	26	10	36	23	1	4	0	0	65	
WINONA	94,433	265	714	13	3	62	7	1	1	14	0	75	
WRIGHT	76,370	273	560	11	4	73	9	1	2	0	0	80	
YELLOW MEDICINE	43,009	415	207	23	25	21	26	3	2	0	0	67	
TOTAL	4,931,751	24,372	331	16	12	46	14	2	2	7	0	72	
MISSISSIPPI													
ADAMS	8,436	98	171	93	0	6	2	0	0	0	0	4	
ALCORN	10,529	95	222	67	0	24	8	0	0	0	0	19	
AMITE	34,935	164	426	57	0	42	0	0	0	0	0	26	
ATTALA	22,854	149	307	74	1	24	1	0	0	0	0	16	
BENTON	9,086	79	231	79	1	14	6	0	0	0	0	12	
BOLIVAR	6,803	437	31	77	12	4	6	0	0	0	0	18	
CALHOUN	17,260	142	242	81	2	13	2	0	1	0	0	12	
CARROLL	27,009	193	280	94	1	2	3	0	0	0	0	4	
CHICKASAW	23,598	170	277	78	1	12	8	0	2	0	0	14	
CHOCTAW	10,738	55	390	66	2	23	5	0	0	0	0	20	
CLAIBORNE	18,777	116	324	87	0	4	8	0	0	0	0	7	
CLARKE	11,714	78	301	82	2	13	3	0	0	0	0	11	
CLAY	21,741	125	349	63	11	24	2	0	0	0	0	26	
COAHOMA	3,277	261	25	91	0	8	1	0	0	0	0	5	
COPIAH	30,817	178	347	69	1	16	2	0	5	0	8	24	
COVINGTON	25,387	114	444	67	1	6	0	0	5	0	20	31	
DESOTO	24,880	179	279	63	0	35	0	0	1	0	0	22	
FORREST	15,750	63	501	70	1	10	1	0	2	0	16	25	
FRANKLIN	7,589	50	303	66	1	33	0	0	0	0	0	20	
GEORGE	9,513	43	442	62	3	27	6	0	1	0	0	23	
GREENE	10,371	44	469	52	1	5	3	1	1	0	36	43	
GRENADA	12,638	102	247	84	2	5	1	0	9	0	0	13	
HANCOCK	7,057	36	390	65	0	31	2	0	2	0	0	21	
HARRISON	4,316	21	414	58	0	31	2	2	6	0	0	27	
HINDS	72,403	317	457	58	0	3	5	0	34	0	0	39	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF FEEDER	DAIRY	HOGS	SHEEP	LAYING	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL		PERCENT
											TONS	POUNDS PER ACRE	
MISSISSIPPI													
HOLMES	19,969	255	156	89	1	7	2	0	2	0	0	7	
HUMPHREYS	2,992	200	30	91	1	6	2	0	0	0	0	6	
ISSAQUENA	1,770	97	36	94	0	3	3	0	0	0	0	3	
ITAWAMBA	22,116	83	534	45	0	8	4	0	3	0	41	50	
JACKSON	3,005	22	269	60	0	38	2	0	1	0	0	24	
JASPER	24,849	111	447	62	1	15	4	0	1	0	17	30	
JEFFERSON	11,071	115	192	89	1	4	2	0	3	0	0	8	
JEFFERSON DAVIS	21,123	89	473	66	0	5	1	0	15	0	13	32	
JONES	69,125	112	1,234	35	0	9	2	0	6	0	47	60	
KEMPER	21,205	133	319	89	0	10	1	0	0	0	0	7	
LAFAYETTE	17,632	140	251	84	1	14	1	0	0	0	0	10	
LAMAR	16,750	74	450	81	0	8	0	0	0	0	10	15	
LAUDERDALE	14,508	100	291	89	1	7	3	0	0	0	0	6	
LAWRENCE	13,832	75	367	70	1	19	0	0	9	0	39	49	
LEAKE	47,480	117	812	45	1	12	1	0	2	0	0	34	
LEE	29,005	160	364	54	1	28	2	0	14	0	1	3	
LEFLORE	6,444	296	44	94	0	4	1	0	0	0	0	3	
LINCOLN	32,798	122	537	50	1	48	1	0	1	0	0	30	
LOWNDES	18,172	133	273	80	1	17	3	0	0	0	0	12	
MADISON	34,318	285	241	85	0	9	2	0	0	0	0	9	
MARION	31,617	105	602	56	2	33	0	0	7	0	2	31	
MARSHALL	31,639	238	266	75	2	20	2	0	1	0	0	16	
MONROE	27,392	180	305	79	0	11	6	0	2	0	2	14	
MONTGOMERY	16,163	106	305	81	2	14	1	0	2	0	0	13	
NESHOMA	33,173	136	487	70	0	21	1	0	0	0	8	21	
NEWTON	39,782	120	661	49	1	27	4	0	3	0	17	38	
NOXU8EE	37,115	244	304	63	1	33	4	0	0	0	0	22	
OKTI88EHA	29,535	123	478	49	0	45	6	0	0	0	0	30	
PANOLA	27,962	282	198	87	1	10	2	0	1	0	0	8	
PEARL RIVER	31,830	122	522	75	5	17	1	0	1	0	0	18	
PERRY	9,802	36	551	57	1	3	3	0	0	0	35	40	
PIKE	28,534	89	638	41	0	57	0	0	0	0	0	35	
PONTOTOC	23,335	144	325	63	1	28	1	0	4	0	3	25	
PRENTISS	18,013	114	316	38	1	57	4	0	0	0	0	37	
QUITMAN	1,794	214	17	61	0	10	29	0	1	0	0	21	
RANKIN	49,192	142	691	48	2	5	3	0	19	0	23	48	
SCOTT	67,828	134	14	39	0	3	1	0	10	0	47	59	
SHARKEY	1,233	172	14	85	0	3	12	0	0	0	0	8	
SIMPSON	75,629	123	1,229	27	0	8	1	0	52	0	12	69	
SMITH	55,072	113	972	42	0	4	2	0	7	0	45	55	
STONE	9,146	39	469	75	0	13	1	0	0	0	10	19	
SUNFLOWER	13,113	413	63	85	0	4	3	0	8	0	0	12	
TALLAHATCHIE	15,261	289	106	87	0	6	7	0	0	0	0	7	
TATE	33,067	178	372	65	0	33	2	0	0	0	0	21	
TIPPAH	18,815	119	317	60	1	27	4	0	7	0	0	27	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER CHICKENS	ECONOMICALLY RECOVERABLE
							PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL
MISSISSIPPI														
TISHOMINGO	10,077	54	370	52	0	17	24	0	7	0	0	0	0	29
UNION	2,605	209	25	87	0	4	8	0	0	0	0	0	0	7
WALTHALL	18,667	113	329	56	1	36	2	0	5	0	0	0	0	28
WARREN	42,211	127	662	44	0	55	1	0	0	0	0	0	0	33
WASHINGTON	9,355	100	187	90	1	2	7	0	0	0	0	0	0	6
WAYNE	6,658	370	36	84	0	11	1	0	4	0	0	0	0	11
WEBSTER	19,852	66	603	45	1	4	6	1	1	0	0	42	0	49
WILKINSON	15,742	103	305	82	0	16	1	0	1	0	0	0	0	11
WINSTON	18,937	141	269	91	0	8	1	0	0	0	0	0	0	6
YALOBUSHA	22,356	102	437	70	0	27	1	0	0	0	2	0	0	19
YAZOO	14,119	106	267	78	0	20	0	0	1	0	0	0	0	13
	28,984	378	153	94	0	4	2	0	0	0	0	0	0	4
TOTAL	1,811,247	11,872	305	62	1	17	2	0	7	0	10	0	0	29
MISSOURI														
ADAIR	33,071	262	253	67	4	14	12	2	1	0	0	0	0	32
ANDREW	36,727	217	338	43	8	23	24	1	0	0	0	0	0	49
ATCHISON	39,533	297	266	56	23	2	18	0	0	0	0	0	0	42
AUDRAIN	55,919	378	296	45	23	3	27	2	1	0	0	0	0	49
BARRY	68,232	276	495	57	1	27	7	0	0	4	0	0	0	41
BARTON	41,156	301	273	61	16	12	8	0	3	0	0	0	0	40
BATES	74,160	422	351	61	19	12	6	0	0	0	0	0	0	40
BENTON	44,487	262	340	50	2	12	10	0	0	0	25	1	0	40
BOLLINGER	23,696	169	290	70	3	5	22	0	0	0	0	0	0	28
BOONE	37,740	270	280	61	11	4	15	8	1	0	0	0	0	34
BUCHANAN	22,947	178	258	47	8	21	19	1	5	0	0	0	0	48
BUTLER	11,340	218	104	68	2	7	22	0	1	0	0	0	0	29
CALDWELL	35,403	229	309	64	11	7	16	2	0	0	0	0	0	34
CALLAWAY	43,494	302	288	61	17	6	14	1	0	0	0	0	0	38
CAMDEN	18,630	156	239	65	1	11	4	0	0	18	0	0	0	31
CAPE GIRARDEAU	44,138	238	370	53	6	22	18	0	0	0	0	0	0	43
CARROLL	44,881	367	245	52	13	8	24	1	0	2	0	0	0	42
CARTER	5,884	37	317	77	2	3	17	0	0	0	0	0	0	23
CASS	56,235	338	333	64	4	16	11	0	5	0	0	0	0	36
CEDAR	31,400	194	323	77	2	11	9	0	0	0	0	0	0	25
CHARITON	57,121	369	310	42	28	5	18	1	1	5	0	0	0	52
CHRISTIAN	44,715	213	421	59	2	32	5	0	0	2	0	0	0	40
CLARK	24,619	226	218	63	7	5	20	4	0	0	0	0	0	33
CLAY	23,654	144	330	59	23	1	16	1	1	0	0	0	0	40
CLINTON	39,940	223	358	55	14	12	19	1	0	0	0	0	0	42
COLE	30,322	160	379	52	4	26	10	0	1	5	0	0	0	44

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT
COOPER	46,088	275	336	53	17	5
CRAWFORD	20,468	157	261	76	4	3
DADE	40,948	239	342	77	2	12
DALLAS	40,171	201	399	51	1	38
DAVISS	36,484	287	255	57	9	11
DE KALB	39,787	224	355	53	12	12
DENT	20,906	173	241	83	1	6
DOUGLAS	41,532	258	322	57	1	33
DUNKLIN	3,847	276	28	58	5	3
FRANKLIN	47,033	272	346	48	8	21
GASCONADE	23,507	166	283	67	5	7
GENTRY	37,821	255	296	65	11	5
GREENE	66,632	278	480	56	1	28
GRUNDY	31,131	212	294	60	9	15
HARRISON	51,749	374	277	69	4	11
HENRY	52,946	333	318	69	6	11
HICKORY	21,372	154	278	67	2	24
HOLT	24,189	247	196	46	29	2
HOWARD	33,533	233	287	62	12	4
HOWELL	53,948	286	377	60	1	24
IRON	9,296	52	357	67	3	3
JACKSON	21,398	162	264	62	16	11
JASPER	50,597	270	375	57	2	23
JEFFERSON	14,781	118	250	60	4	25
JOHNSON	69,940	393	356	65	5	10
KNOX	33,852	265	255	64	11	5
LACLEDE	53,253	277	384	54	2	33
LAFAYETTE	69,390	341	407	38	16	16
LAWRENCE	77,025	295	523	55	2	32
LEWIS	31,191	228	273	58	11	5
LINCOLN	53,296	251	424	35	15	8
LINN	46,065	317	291	65	8	9
LIVINGSTON	32,934	255	258	60	8	8
MC DONALD	48,214	155	623	42	0	10
MACON	43,677	369	237	67	11	6
MADISON	11,852	78	302	77	4	2
MARIES	25,413	193	263	76	2	7
MARION	31,527	218	289	51	11	12
MERCER	34,075	216	315	68	7	14
MILLER	49,626	217	458	43	2	6
MISSISSIPPI	5,095	230	44	66	25	0
MONITEAU	38,893	208	374	59	8	10
MONROE	41,799	325	257	56	9	3
MONTGOMERY	28,397	218	260	46	15	4
MORGAN	45,823	172	532	39	3	11

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE RANGE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE											
MISSOURI														
NEW MADRID	3,417	358	19	43	22	4	19	0	12	0	0	54		
NEWTON	59,271	232	512	55	1	24	4	0	13	0	1	45		
NODAWAY	84,709	476	356	57	15	6	20	1	0	0	0	39		
OREGON	39,182	222	354	62	1	13	23	0	1	0	0	34		
OSAGE	57,411	262	439	43	2	11	18	0	0	23	1	44		
OSARK	28,688	193	298	62	1	26	6	0	0	5	0	36		
PEMISCOT	1,009	265	8	84	2	5	7	0	1	1	0	19		
PERRY	38,488	202	382	45	9	18	27	0	1	0	0	47		
PETTIS	52,816	331	319	54	10	10	20	0	0	5	0	40		
PEHELPS	23,089	171	270	80	4	9	6	0	0	0	0	24		
PIKE	48,717	301	324	47	12	5	34	1	0	0	0	44		
PLATTE	21,144	178	238	62	8	9	20	1	0	0	0	35		
POLK	63,061	279	452	54	4	33	5	0	0	2	1	45		
PULASKI	14,515	124	233	85	1	7	8	0	0	0	0	19		
PUTNAM	34,990	246	284	75	1	8	11	3	2	0	0	25		
RALLS	25,864	221	235	59	8	7	25	0	0	0	0	36		
RANDOLPH	22,430	186	241	64	7	6	22	1	0	0	0	33		
RAY	36,004	270	267	56	21	6	17	1	0	0	0	42		
REYNOLDS	7,783	55	284	70	2	2	25	0	0	0	0	27		
RIPLEY	13,686	109	251	74	1	3	20	0	1	0	0	25		
ST. CHARLES	20,764	209	199	35	19	12	27	1	6	0	0	57		
ST. CLAIR	36,489	260	281	73	3	11	12	0	0	0	0	28		
ST. FRANCOIS	17,924	98	367	67	5	12	8	0	9	0	0	35		
ST. LOUIS	4,702	83	114	77	6	3	12	1	1	0	0	24		
STE. GENEVIEVE	30,664	144	425	47	11	4	24	0	14	0	0	48		
SALINE	48,521	376	258	50	20	3	26	1	0	0	0	45		
SCHUYLER	24,612	159	309	56	2	19	8	15	0	0	0	37		
SCOTLAND	28,548	218	262	62	4	8	23	3	0	0	0	33		
SCOTT	14,908	225	133	42	29	13	15	0	0	0	0	55		
SHANNON	13,743	101	272	65	2	13	20	0	0	0	0	32		
SHELBY	35,683	248	287	46	14	3	36	1	1	0	0	46		
STODDARD	21,907	399	110	60	7	4	18	0	11	0	0	38		
STONE	31,879	140	454	55	1	35	3	1	0	6	0	43		
SULLIVAN	53,704	340	316	66	3	10	7	1	0	13	0	31		
TANEY	22,989	200	230	80	4	8	8	0	0	0	0	23		
TEXAS	51,746	326	317	67	1	25	7	0	0	0	0	34		
VERNON	46,433	388	239	73	3	14	9	1	0	0	0	28		
WARREN	18,642	134	279	42	11	4	40	1	3	0	0	47		
WASHINGTON	12,141	90	271	80	2	3	8	0	6	0	0	23		
WAYNE	12,259	78	313	72	5	4	19	0	0	0	0	27		
WEBSTER	58,312	243	480	41	1	54	3	0	1	0	0	56		
WORTH	17,444	133	263	70	8	6	14	1	0	0	0	29		
WRIGHT	54,222	275	394	41	2	49	6	0	2	0	0	55		
TOTAL	4,045,455	26,717	303	57	8	14	15	1	2	3	0	40		

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER-RECOVERABLE	ECONOMICALLY RECOVERABLE	PERCENT
	TONS	1,000 ACRES	POUNDS PER ACRE				PERCENT OF TOTAL					
MONTANA												
BEAVERHEAD	112,628	3,321	68	89	2	0	0	9	0	0	0	14
BIG HORN	80,553	2,924	55	75	22	1	1	1	0	0	0	30
BLAINE	53,475	2,723	39	89	4	2	2	3	0	0	0	16
BROADWATER	16,871	463	73	88	0	1	2	2	7	0	0	17
CARBON	49,222	844	117	66	14	3	2	14	0	0	0	31
CARTER	64,380	2,074	62	62	0	1	1	37	0	0	0	24
CASCADE	76,266	1,413	108	62	28	6	1	3	1	0	0	41
CHOUTEAU	39,910	2,492	32	88	7	1	3	1	0	0	0	17
CUSTER	54,767	2,677	41	85	3	2	1	7	1	0	0	17
DANIELS	17,653	884	40	89	1	1	6	4	0	0	0	14
DAWSON	39,497	1,545	51	87	4	3	1	5	0	0	0	17
DEER LODGE	8,602	223	77	95	2	1	2	0	0	0	0	12
FALLON	29,983	1,011	59	88	1	1	4	6	0	0	0	14
FERGUS	81,147	2,419	67	87	3	2	5	3	0	0	0	16
FLATHEAD	21,072	311	135	66	3	19	10	2	0	0	0	31
GALLATIN	54,723	1,244	88	62	10	19	2	3	2	0	0	38
GARFIELD	59,948	2,634	46	78	2	0	0	18	0	0	0	19
GLACIER	30,052	2,142	28	92	2	1	3	1	1	0	0	14
GOLDEN VALLEY	17,613	732	48	91	0	0	1	8	0	0	0	12
GRANITE	20,468	1,079	38	98	1	1	0	1	0	0	0	10
HILL	26,491	1,813	29	89	2	2	5	0	1	0	0	15
JEFFERSON	15,082	581	52	91	1	4	2	2	0	0	0	14
JUDITH BASIN	44,263	889	100	82	12	1	1	4	0	0	0	22
LAKE	46,706	775	121	82	1	13	1	1	1	0	0	22
LEWIS AND CLARK	34,847	1,053	66	73	10	6	2	9	1	0	0	27
LIBERTY	12,115	927	26	85	2	1	5	6	1	0	0	16
LINCOLN	5,127	129	79	96	1	2	1	0	0	0	0	11
MCCONE	37,423	1,573	48	84	1	1	1	12	0	0	0	16
MADISON	59,379	1,394	85	91	1	1	1	5	0	0	0	13
MEAGHER	28,801	920	63	90	0	2	1	7	0	0	0	13
MINERAL	1,042	193	11	89	1	6	0	5	0	0	0	16
MISSOULA	13,761	552	50	79	10	7	1	2	0	0	0	25
MUSSELSHELL	30,134	1,296	46	82	5	1	1	12	0	0	0	18
PARK	44,923	1,124	80	90	3	3	1	2	0	0	0	15
PETROLEUM	19,636	1,012	39	87	4	1	1	7	0	0	0	16
PHILLIPS	63,632	3,070	41	91	2	1	1	4	0	0	0	14
PONDERA	26,477	978	54	78	5	4	5	7	1	0	0	22
POWDER RIVER	52,561	2,247	47	84	1	1	0	14	0	0	0	16
POWELL	29,905	791	76	94	0	3	1	3	0	0	0	12
PRAIRIE	32,550	1,100	59	81	14	1	1	3	0	0	0	24
RAVALLI	38,477	729	106	70	4	17	2	5	2	0	0	31
RICHLAND	58,830	1,199	98	62	27	1	3	7	0	0	0	38
ROOSEVELT	31,778	1,803	35	86	7	1	4	2	0	0	0	18
ROSEBUD	56,746	3,449	33	90	2	2	1	6	0	0	0	14
SANDERS	14,954	484	62	93	2	2	0	2	0	0	0	13

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER RECOVERABLE	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE										
MONTANA													
SHERIDAN	22,879	1,087	42	91	1	2	3	2	0	0	0	13	
SILVER BOW	7,186	221	65	91	2	5	1	1	0	0	0	15	
STILLWATER	52,019	940	111	58	31	1	2	7	0	0	0	42	
SWEET GRASS	32,448	898	72	80	1	1	2	16	0	0	0	18	
TETON	49,923	1,236	81	74	9	4	3	9	1	0	0	26	
TOOLE	16,015	1,102	29	81	3	3	7	5	2	0	0	20	
TREASURE	16,278	607	54	88	10	0	1	1	0	0	0	19	
VALLEY	55,716	3,388	33	91	2	1	2	3	0	0	0	13	
WHEATLAND	29,147	804	63	76	1	2	2	17	1	0	0	20	
WIBAUX	17,051	523	65	86	4	3	2	5	0	0	0	17	
YELLOWSTONE	101,054	1,559	129	42	48	6	1	2	1	0	0	59	
TOTAL	2,150,186	75,611	57	79	9	3	2	7	0	0	0	23	
NEBRASKA													
ADAMS	57,230	330	347	24	66	4	5	1	0	0	0	75	
ANTELOPE	101,623	485	419	27	47	12	14	0	0	0	0	69	
ARTHUR	18,135	482	75	98	0	1	1	0	0	0	0	9	
BANNER	12,592	392	64	91	4	1	3	1	0	0	0	15	
BLAINE	20,548	404	102	86	3	3	7	1	0	0	0	18	
BOONE	70,481	422	334	36	36	10	17	0	0	0	0	60	
BOX BUTTE	32,926	658	239	65	30	1	3	2	0	0	0	39	
BOYD	34,874	292	167	63	13	10	14	0	0	0	0	37	
BROWN	48,784	583	167	54	38	4	3	1	0	0	0	48	
BUFFALO	77,831	576	270	47	37	5	9	2	0	0	0	53	
BURT	60,258	271	445	22	55	3	18	1	1	0	0	73	
BUTLER	41,592	326	256	39	32	4	16	3	6	0	0	57	
CASS	51,444	296	348	26	59	6	8	0	0	0	0	72	
CEDAR	91,185	422	432	29	27	22	22	1	0	0	0	64	
CHASE	39,900	508	157	57	35	1	7	1	0	0	0	45	
CHERRY	164,387	3,918	84	95	3	1	1	0	0	0	0	13	
CHEYENNE	32,716	757	86	42	42	6	5	2	3	0	0	58	
CLAY	45,510	325	280	40	33	2	21	3	0	0	0	54	
COLFAX	65,091	261	498	17	52	6	21	0	4	0	0	77	
CUMING	204,781	326	1,255	9	75	4	12	0	0	0	0	87	
CUSTER	145,236	1,545	188	73	13	5	7	1	0	0	0	30	
DAKOTA	21,274	142	300	41	22	9	25	3	1	0	0	52	
DAWES	36,731	937	78	85	2	4	3	7	0	0	0	18	
DAWSON	156,908	701	448	26	65	1	7	1	0	0	0	73	
DEUEL	7,351	309	48	78	13	1	6	2	0	0	0	25	
DIXON	75,530	260	580	26	41	4	17	1	11	0	0	69	
DODGE	66,027	297	445	18	55	5	20	1	1	0	0	76	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	HOGS	DAIRY	CATTLE	BEEF	FEEDER	TURKEYS	OTHER	PERCENT
NEBRASKA													
DOUGLAS	24,274	133	366	19	52	16	11	1	2	0	0	0	77
DUNDY	29,287	525	112	75	17	2	6	0	0	0	0	0	29
FILLMORE	43,485	352	247	33	46	2	18	1	0	0	0	0	63
FRANKLIN	32,549	325	200	64	17	5	13	1	0	0	0	0	36
FRONTIER	37,132	516	144	79	9	2	9	1	0	0	0	0	24
FURNAS	42,614	419	203	49	37	6	7	1	0	0	0	0	52
GAGE	65,421	491	266	33	22	23	20	1	1	0	0	0	60
GARDEN	45,457	1,082	84	90	7	2	1	1	0	0	0	0	17
GARFIELD	25,008	330	152	76	12	6	5	1	0	0	0	0	27
GOSPER	21,123	233	181	75	12	2	11	0	0	0	0	0	28
GRANT	25,057	819	61	94	5	1	0	0	0	0	0	0	14
GREELEY	42,992	321	268	58	24	8	9	0	0	0	0	0	43
HALL	78,001	298	523	21	68	4	6	1	0	0	0	0	78
HAMILTON	36,332	333	218	37	40	7	13	1	2	0	0	0	60
HARLAN	34,270	322	213	57	30	3	8	1	1	0	0	0	45
HAYES	27,116	401	135	81	10	1	7	1	0	0	0	0	23
HITCHCOCK	26,290	417	126	68	17	2	12	1	0	0	0	0	33
HOLT	143,914	1,483	194	68	11	13	8	1	0	0	0	0	34
HOOKER	8,668	295	59	99	0	1	1	0	0	0	0	0	9
HOWARD	53,703	295	365	36	35	16	11	1	0	0	0	0	61
JEFFERSON	43,244	316	273	33	34	18	13	2	0	0	0	0	63
JOHNSON	26,035	207	252	53	16	8	21	2	1	0	0	0	43
KEARNEY	57,055	326	350	23	66	1	9	0	0	0	0	0	75
KEITH	41,153	696	118	59	38	2	0	0	0	0	0	0	45
KEYA PAHA	29,327	462	127	79	5	10	4	1	0	0	0	0	24
KIMBALL	14,253	580	49	84	1	4	5	5	0	0	0	0	18
KNOX	123,843	659	376	39	26	11	22	1	1	1	0	0	55
LANCASTER	46,927	431	218	42	13	14	15	2	9	4	0	0	52
LINCOLN	101,537	1,490	136	73	16	4	6	1	0	0	0	0	30
LOGAN	18,714	369	101	93	1	3	2	1	0	0	0	0	13
LOUP	17,884	317	113	83	8	4	4	0	0	0	0	0	22
MC PHERSON	19,620	406	97	89	5	1	5	0	0	0	0	0	17
MADISON	77,465	336	462	26	46	10	17	1	1	1	0	0	69
MERRICK	56,392	268	421	34	47	8	8	1	2	0	0	0	65
MORRILL	45,888	744	123	76	17	1	2	4	0	0	0	0	27
NANCE	33,809	246	274	53	23	11	13	0	0	0	0	0	46
NEMAHA	28,363	217	261	48	24	5	23	1	0	0	0	0	48
NUCKOLLS	46,191	340	272	39	36	10	14	0	0	0	0	0	58
OTOE	42,371	329	258	44	26	11	19	1	0	0	0	0	52
PAWNEE	25,945	235	221	57	11	8	23	1	0	0	0	0	39
PARKINE	18,682	516	72	64	21	6	6	3	0	0	0	0	37
PHELPS	64,730	333	389	31	61	1	7	0	0	0	0	0	69
PIERCE	63,411	322	394	32	23	23	21	0	1	0	0	0	61
PLATTE	73,092	378	387	29	35	14	21	0	1	0	0	0	65
POLK	63,180	257	492	17	70	2	10	0	0	0	0	0	80

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL		PERCENT
											TONS	POUNDS PER ACRE	
NEBRASKA													
RED WILLOW	33,164	422	157	63	23	2	11	0	0	0	0	0	38
RICHARDSON	51,928	296	351	35	43	8	13	0	0	0	0	0	62
ROCK	41,444	524	158	65	25	6	3	0	0	0	0	0	38
SALINE	33,400	317	211	42	32	8	17	1	1	0	0	0	55
SARPY	70,802	108	1,311	7	85	2	3	0	0	0	0	0	91
SAUNDERS	76,016	413	368	24	57	6	11	1	1	0	0	0	74
SCOTTS BLUFF	154,378	416	743	14	79	1	1	0	0	0	0	0	85
SEWARD	55,416	328	338	26	52	9	12	1	0	0	0	0	71
SHERIDAN	82,399	1,521	108	90	4	3	3	0	0	0	0	0	16
SHERMAN	41,629	320	260	57	12	17	11	3	0	0	0	0	41
SIoux	1,071	352	56	85	6	3	1	6	0	0	0	0	19
STANTON	85,594	232	739	15	66	5	13	0	0	0	0	0	82
THAYER	47,383	421	269	34	47	7	10	1	0	0	0	0	64
THOMAS	15,024	187	71	93	3	1	3	0	0	0	0	0	14
THURSTON	37,194	347	397	28	46	8	17	0	0	0	0	0	68
VALLEY	50,566	206	292	52	24	12	11	1	0	0	0	0	47
WASHINGTON	63,018	250	611	17	58	7	16	1	1	0	0	0	78
WAYNE	65,939	311	529	22	46	14	18	0	1	0	0	0	73
WEBSTER	32,354	299	208	65	12	11	11	1	0	0	0	0	35
WHEELER	27,247	324	182	73	12	11	4	0	0	0	0	0	31
YORK	47,819	422	295	24	50	5	19	0	1	0	0	0	70
TOTAL	4,945,309	45,060	219	44	37	7	11	1	1	0	0	0	55
NEVADA													
CHURCHILL	44,824	2,587	35	41	36	20	1	2	0	0	0	0	59
CLARK	17,616	2,725	13	28	1	68	2	1	0	0	0	0	66
DOUGLAS	16,822	330	102	66	8	16	0	10	0	0	0	0	33
ELKO	121,387	11,032	22	91	1	0	0	8	0	0	0	0	13
ESMERALDA	7,983	4,732	3	100	0	0	0	0	0	0	0	0	8
EUREKA	17,902	2,420	15	98	2	0	0	0	0	0	0	0	10
HUMBOLDT	44,571	5,417	16	98	0	0	0	1	0	0	0	0	9
LANDER	19,556	3,938	10	90	0	0	0	10	0	0	0	0	13
LINCOLN	10,422	5,765	4	92	0	7	0	0	0	0	0	0	15
LYON	29,958	982	61	58	20	5	0	16	0	0	0	0	38
MINERAL	2,884	1,915	3	98	0	0	0	1	0	0	0	0	9
NYE	15,555	7,119	4	92	0	1	0	7	0	0	0	0	12
PERSHING	23,053	2,925	16	53	40	0	0	5	0	0	0	0	48
WASHOE	20,404	3,753	11	80	2	7	0	12	0	0	0	0	20
WHITE PINE	24,074	5,197	9	61	2	2	0	35	0	0	0	0	26
CARSON CITY	946	61	31	41	0	20	1	38	0	0	0	0	41
TOTAL	417,957	60,898	14	76	8	7	0	8	0	0	0	0	25

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE FEEDER RANGE	DAIRY CATTLE	HOGS	SHEEP	LAYING BIRDS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	PERCENT
NEW HAMPSHIRE												
BELKNAP	2,680	11	501	6	0	82	1	0	11	0	0	86
CARROLL	2,242	9	483	8	0	64	4	3	21	0	0	83
CHESHIRE	10,955	25	861	4	0	82	1	1	12	0	0	87
COOS	12,346	41	605	4	1	94	1	0	1	0	0	87
GRAFTON	18,526	58	634	4	0	90	0	1	3	0	0	87
HILLSBORO	17,102	33	1,030	3	5	47	3	1	40	0	0	90
MERRIMACK	12,460	36	687	5	1	84	1	2	8	1	0	86
ROCKINGHAM	8,522	23	730	6	0	57	4	3	27	3	1	85
STRAFFORD	5,264	15	691	5	0	85	0	4	6	0	0	85
SULLIVAN	7,630	25	620	3	1	94	0	1	1	0	0	87
TOTAL	97,727	276	708	4	1	78	1	1	14	0	0	87
NEW JERSEY												
ATLANTIC	1,902	21	181	6	0	5	7	1	82	0	0	90
BERGEN	709	2	597	5	4	41	0	1	48	0	0	91
BURLINGTON	15,006	94	319	4	1	77	13	1	3	0	0	81
CAMDEN	149	8	37	25	14	23	24	12	3	0	0	57
CAPE MAY	1,177	9	273	4	0	3	47	0	45	0	0	72
CUMBERLAND	7,817	67	234	9	1	47	1	1	41	0	0	86
ESSEX	493	2	534	6	0	77	0	0	17	0	0	87
GLOUCESTER	9,633	52	368	3	0	30	52	0	12	0	2	68
HUNTERDON	23,670	88	538	12	2	64	1	3	18	0	0	81
MERCER	3,140	38	166	14	3	54	3	4	23	0	0	79
MIDDLESEX	2,548	27	191	5	42	34	5	1	8	0	4	89
MONMOUTH	7,847	63	249	9	2	26	16	3	40	5	0	79
MORRIS	5,074	21	476	12	2	79	2	1	3	0	0	79
OCEAN	2,642	7	735	2	0	18	12	0	66	0	0	90
PASSAIC	331	0	1,722	2	0	23	0	8	66	0	0	92
SALEM	21,594	83	519	7	1	66	1	1	23	0	1	87
SOMERSET	8,986	39	455	17	3	53	3	6	18	0	0	75
SUSSEX	20,577	61	677	9	2	87	1	1	1	0	0	83
UNION	81	1	307	39	3	11	0	0	34	0	13	63
WARREN	24,546	69	714	5	1	92	0	1	1	0	0	86
TOTAL	157,922	752	420	8	2	65	7	2	16	0	0	82
NEW MEXICO												
BERNALILLO	30,167	589	103	23	29	37	1	2	9	0	0	73

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
NEW MEXICO													
CATRON	26,343	4,525	12	98	0	0	1	0	0	0	0	0	2
CHAVES	161,896	3,995	81	25	50	18	2	0	0	0	0	0	65
COLFAX	28,351	2,286	25	94	2	1	2	0	0	0	0	0	5
CURRY	63,380	860	147	32	66	1	0	0	0	0	0	0	67
DE BACA	22,168	1,342	33	75	6	10	4	1	0	0	0	0	15
DONA ANA	32,374	1,558	42	28	9	1	18	0	0	0	0	0	68
EDDY	43,713	2,555	34	39	43	8	7	0	0	0	0	0	55
GRANT	28,153	2,371	24	98	0	0	2	0	0	0	0	0	2
GUADALUPE	27,661	1,891	29	70	7	22	1	0	0	0	0	0	19
HARDING	22,848	1,400	33	98	0	0	2	0	0	0	0	0	2
HIDALGO	20,553	2,068	20	92	1	0	1	6	0	0	0	0	5
LEA	58,907	2,664	44	66	21	4	8	1	0	0	0	0	31
LINCOLN	40,621	2,914	28	52	2	44	2	0	0	0	0	0	25
LUNA	21,678	1,584	27	71	25	0	0	3	0	0	0	0	27
MCKINLEY	35,772	4,385	16	55	0	0	0	0	0	0	0	0	23
MORA	12,716	1,139	22	95	1	2	3	0	0	0	0	0	4
OTERO	27,123	2,647	20	75	0	17	7	1	0	0	0	0	16
QUAY	53,858	1,991	54	66	29	0	3	2	0	0	0	0	33
RIO ARRIBA	21,688	3,582	12	78	0	20	2	0	0	0	0	0	12
ROOSEVELT	60,822	1,525	80	49	20	2	26	2	1	0	0	0	47
SANDOVAL	12,474	1,468	17	83	0	4	13	0	0	0	0	0	14
SAN JUAN	23,196	4,292	11	52	1	41	6	1	0	0	0	0	27
SAN MIGUEL	30,686	2,286	27	88	8	2	2	0	0	0	0	0	11
SANTA FE	11,680	1,102	21	64	32	0	4	0	0	0	0	0	36
SIERRA	30,196	2,448	25	68	0	0	29	2	0	0	0	0	28
SOCORRO	33,110	3,406	19	91	0	3	6	0	0	0	0	0	7
TAOS	7,886	955	17	66	0	31	2	1	0	0	0	0	18
TORRANCE	28,226	1,727	33	83	2	11	4	0	0	0	0	0	11
UNION	73,901	2,108	70	53	44	0	2	0	0	0	0	0	47
VALENCIA	45,961	3,654	25	53	0	21	26	0	0	0	0	0	35
TOTAL	1,138,108	71,317	32	58	21	10	8	1	1	0	0	0	36
NEW YORK													
ALBANY	12,084	55	443	12	2	2	77	1	5	0	0	0	80
ALLEGANY	42,676	178	479	8	1	2	84	3	2	0	0	0	82
BROOME	36,113	111	651	5	1	0	92	0	2	0	0	0	86
CATTARAUGUS	68,857	210	656	5	0	0	93	1	1	0	0	0	86
CAYUGA	56,258	215	523	4	4	1	84	1	6	0	0	0	87
CHAUTAUQUA	73,649	247	597	5	1	0	93	0	1	0	0	0	86
CHEMUNG	15,513	60	521	11	1	1	77	1	9	0	0	0	82
CHENANGO	69,987	204	687	3	0	0	93	0	3	0	0	0	88

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE
	TONS	1,000 ACRES	PCOUNDS PER ACRE				PERCENT OF TOTAL					PERCENT
NEW YORK												
CLINTON	48,663	171	570	3	0	95	0	0	2	0	0	88
COLUMBIA	44,397	117	762	4	1	90	0	0	5	0	0	87
CORTLAND	52,962	138	768	3	0	95	0	0	1	0	0	88
DELAWARE	77,202	231	670	2	0	96	0	0	1	0	0	88
DUTCHESS	36,251	105	694	10	4	82	1	1	2	0	0	82
ERIE	57,772	174	663	5	1	84	1	1	8	0	0	86
ESSEX	9,859	49	402	1	1	90	0	0	0	0	0	84
FRANKLIN	45,302	145	625	2	1	97	0	0	0	0	0	89
FULTON	12,137	34	707	4	0	93	0	0	3	0	0	88
GENESEE	42,893	161	531	4	2	88	2	2	3	0	0	86
GREENE	11,055	47	474	8	0	90	1	1	1	0	0	83
HERKIMER	61,369	166	740	2	0	97	0	0	0	0	0	88
JEFFERSON	103,460	349	593	3	1	94	0	0	1	0	0	88
LEWIS	69,831	166	841	1	0	98	0	0	1	0	0	90
LIVINGSTON	45,567	221	413	7	1	82	1	4	4	0	0	83
MADISON	71,508	190	751	2	0	96	0	0	1	0	0	89
MONROE	17,262	124	278	8	1	84	2	1	4	1	0	83
MONTGOMERY	49,564	136	731	3	0	97	0	0	0	0	0	88
NASSAU	165	1	317	2	6	88	0	0	4	0	0	89
NIAGARA	23,432	137	341	9	4	78	2	2	3	0	0	81
ONEIDA	84,553	249	679	4	1	94	0	0	1	0	0	87
ONONDAGA	45,947	161	572	5	1	89	0	0	5	0	0	87
ONTARIO	34,935	189	369	7	4	75	2	3	9	0	0	84
ORANGE	39,268	121	647	4	1	87	0	0	7	0	0	87
ORLEANS	18,723	135	277	8	9	67	6	3	7	0	0	81
OSWEGO	29,986	118	509	10	0	88	1	0	1	0	0	82
OTSEGO	79,078	233	678	2	0	95	0	1	2	0	0	88
PUTNAM	1,402	5	585	11	1	71	0	2	16	0	0	83
QUEENS	1,402	5	585	11	1	71	0	2	16	0	0	83
RENSELAER	24,117	83	578	7	1	89	0	1	2	0	0	85
ROCKLAND	302	1	602	5	0	84	2	0	10	0	0	87
ST LAWRENCE	103,283	388	532	3	0	96	0	0	0	0	0	88
SARATOGA	20,262	70	580	4	0	91	0	1	4	0	0	87
SCHENECTADY	4,378	21	421	8	0	79	1	1	11	0	0	84
SCHOHARIE	38,595	128	603	4	0	94	0	0	0	0	0	87
SCHUYLER	10,923	59	373	9	1	80	1	4	5	0	0	81
SENECA	12,113	99	246	10	2	72	3	3	9	0	0	81
STEUBEN	71,587	325	440	7	1	87	0	2	3	0	0	84
SUFFOLK	2,944	48	122	7	0	37	4	1	24	13	15	87
SULLIVAN	39,199	54	1,458	2	0	39	0	0	56	0	1	94
TIOGA	33,850	99	681	4	1	86	0	0	8	0	0	87
TOMPKINS	32,048	98	655	6	3	74	0	2	15	0	0	86
ULSTER	13,934	60	462	8	1	64	1	3	23	0	0	85
WARREN	1,687	5	645	6	0	81	1	0	12	0	0	87
WASHINGTON	72,614	189	768	2	0	94	0	0	3	0	0	88

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE FEEDER DAIRY	HOGS	SHEEP	LAYING TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL		PERCENT
										TONS	POUNDS PER ACRE	
NEW YORK												
WAYNE	27,852	163	342	9	1	65	2	0	22	0	0	84
WESTCHESTER	719	7	199	19	0	48	15	3	14	0	0	69
WYOMING	81,540	206	792	2	1	96	0	1	0	0	0	88
YATES	14,428	96	300	9	2	70	5	7	6	0	0	79
TOTAL	2,197,457	7,557	582	4	1	89	1	1	4	0	0	87
NORTH CAROLINA												
ALAMANCE	24,585	82	597	27	1	53	4	0	12	0	3	50
ALEXANDER	18,085	39	925	25	1	33	1	0	7	0	31	60
ALLEGHANY	21,629	65	662	33	0	59	0	1	4	0	2	42
ANSON	29,914	84	710	25	0	6	3	0	0	60	6	53
ASHE	21,823	108	403	48	0	30	1	1	1	0	20	39
AVERY	2,499	26	191	81	1	15	1	1	1	0	0	12
BEAUFORT	11,108	135	164	34	1	11	46	0	7	0	0	46
BERTIE	7,107	111	128	30	1	7	55	0	2	0	5	49
BLADEN	14,849	88	337	19	3	30	21	0	3	23	0	54
BRUNSWICK	3,705	41	182	18	2	17	55	0	8	0	0	57
BUNCOMBE	23,340	82	572	34	1	63	0	0	1	0	0	40
BURKE	7,448	24	629	40	1	19	4	0	7	0	29	50
CABARRUS	14,919	76	392	50	4	36	4	0	6	0	1	34
CALDWELL	12,075	27	910	28	2	30	4	0	9	0	27	58
CAMDEN	7,676	39	396	10	3	1	86	0	0	0	0	61
CARTERET	1,270	17	147	33	4	5	19	0	39	0	0	58
CASWELL	8,728	76	230	55	3	36	4	0	2	0	0	29
CATAWBA	14,800	70	425	46	4	35	4	0	7	0	3	38
CHATHAM	57,600	92	1,254	20	0	15	6	0	6	0	52	71
CHEROKEE	8,033	25	644	39	1	17	2	0	40	0	0	53
CHOWAN	4,591	41	226	14	3	2	80	0	1	0	0	58
CLAY	8,532	16	1,053	25	1	38	4	0	32	0	0	58
CLEVELAND	25,922	106	488	47	2	25	1	0	8	9	8	39
COLUMBUS	14,027	124	225	27	4	13	42	0	14	0	0	53
CRAVEN	7,228	63	228	15	1	10	46	0	27	0	0	65
CUMBERLAND	12,793	101	253	31	3	17	34	0	14	0	0	50
CURRITUCK	5,878	44	268	15	0	0	84	0	1	0	0	56
DAVIDSON	21,374	81	530	34	2	47	12	0	3	0	2	43
DAVIE	22,284	66	674	27	3	46	7	1	15	0	0	52
DUPLIN	132,288	162	1,633	3	0	2	17	0	6	51	21	74
DURHAM	4,559	29	313	52	1	28	5	0	13	0	0	35
EDGEcombe	10,712	144	148	41	2	11	41	0	4	0	0	40
FORSYTH	9,275	50	369	50	3	40	3	0	4	0	1	33
FRANKLIN	13,023	92	282	37	7	11	32	0	13	0	0	48

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER-RECOVERABLE	ECCONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	POUNDS PER ACRE
NORTH CAROLINA													
GASTON	9,632	40	477	40	1	58	1	0	1	0	0	37	
GATES	7,623	53	290	14	3	3	66	0	15	0	0	63	
GRAHAM	1,060	8	258	83	0	15	0	0	1	0	0	10	
GRANVILLE	14,637	102	287	45	2	32	9	0	11	0	0	38	
GREENE	17,073	70	486	7	0	0	90	0	3	0	0	62	
GUILFORD	20,951	100	417	36	2	49	5	0	7	0	1	42	
HALIFAX	17,902	168	214	43	1	9	39	0	4	0	5	40	
HARNETT	11,078	111	200	39	2	12	41	0	3	0	2	42	
HAYWOOD	14,688	69	426	57	1	36	4	1	1	0	0	27	
HENDERSON	11,136	50	447	25	1	73	1	0	0	0	0	45	
HERTFORD	2,172	63	69	30	1	1	65	1	1	0	0	47	
HOKE	5,705	53	215	26	1	7	67	0	0	0	0	49	
HYDE	5,306	67	159	30	6	27	36	0	0	0	0	47	
IREDELL	47,993	141	680	28	1	52	1	0	18	0	0	50	
JACKSON	2,442	19	251	75	1	17	4	1	1	0	0	16	
JOHNSTON	31,137	192	324	27	4	7	53	0	6	0	2	52	
JONES	3,141	58	109	37	2	3	57	0	1	0	0	42	
LEE	5,381	34	317	49	1	12	31	0	0	0	7	35	
LENOIR	19,508	110	354	8	11	10	45	0	10	17	0	68	
LINCOLN	13,919	63	443	39	1	36	1	0	13	0	10	46	
MCDOWELL	3,543	19	381	55	0	36	4	0	5	0	0	29	
MACON	5,929	28	417	45	2	51	2	0	1	0	0	34	
MADISON	12,589	94	269	54	1	43	1	0	1	0	0	28	
MARTIN	9,440	97	195	38	7	2	52	0	1	0	0	44	
MECKLENBURG	11,419	41	554	35	1	58	1	0	0	0	4	41	
MITCHELL	3,391	24	286	62	1	34	1	0	1	0	2	24	
MONTGOMERY	11,502	24	959	14	0	15	11	0	1	0	58	76	
MOORE	29,605	59	1,004	12	1	3	7	0	2	6	69	82	
NASH	16,402	123	266	25	2	6	38	0	18	0	10	59	
NEW HANOVER	256	7	74	29	3	0	12	0	56	0	0	67	
NORTHAMPTON	10,152	128	159	24	7	5	46	0	11	0	6	59	
ONSLOW	10,914	53	412	10	1	7	77	0	4	0	0	60	
ORANGE	18,901	58	652	22	1	62	7	0	7	0	0	50	
PAMLICO	1,297	30	87	35	4	1	9	0	51	0	0	62	
PASQUOTANK	3,775	55	137	33	11	3	50	2	1	0	0	47	
PENDER	10,338	60	344	9	1	7	24	0	19	18	22	74	
PERQUIMANS	6,745	62	218	18	2	1	78	1	1	0	0	55	
PERSON	7,985	72	221	46	1	22	14	0	17	0	0	40	
PITT	22,413	165	272	18	3	9	44	0	26	0	1	63	
POLK	3,830	19	398	52	1	24	2	0	18	0	4	38	
RANDOLPH	57,228	119	959	18	1	26	7	0	9	2	38	69	
RICHMOND	10,323	41	508	22	0	1	4	0	6	0	67	77	
ROBESON	21,415	220	195	13	1	4	33	0	7	43	0	61	
ROCKINGHAM	10,866	96	226	46	1	42	3	0	8	0	0	36	
ROWAN	26,499	101	527	30	2	56	3	0	5	0	3	46	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE FEEDER CATTLE RANGE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	PERCENT
NORTH CAROLINA													
RUTHERFORD	11,208	56	401	55	1	26	2	0	7	0	10	34	
SAMPSON	60,634	189	641	10	1	4	33	0	8	37	6	65	
SCOTLAND	13,637	71	385	27	0	0	39	0	3	29	2	51	
STANLY	29,924	98	613	34	1	18	7	0	24	14	3	52	
STOKES	9,237	80	231	55	3	19	11	0	12	0	0	33	
SURRY	26,108	103	505	35	1	28	4	0	21	0	11	53	
SWAIN	861	8	227	61	1	33	4	0	1	0	0	24	
TRANSYLVANIA	2,347	12	386	68	7	18	5	0	3	0	0	24	
TYRRELL	2,541	24	210	24	1	10	61	1	3	0	0	51	
UNION	90,251	175	1,032	14	0	9	6	0	3	48	20	65	
VANCE	5,791	51	225	41	0	24	34	0	1	0	0	38	
WAKE	22,441	127	354	23	1	43	14	0	15	0	3	55	
WASHINGTON	6,719	61	219	63	1	24	12	0	1	0	0	23	
WASHINGTON	5,467	74	148	41	3	7	47	0	1	0	0	40	
WATAUGA	8,903	48	373	46	2	28	1	2	0	0	21	42	
WAYNE	32,135	150	429	10	1	10	41	0	13	9	16	69	
WILKES	79,023	82	1,923	15	0	6	1	0	26	0	52	82	
WILSON	6,053	96	127	23	4	5	46	0	5	0	17	59	
YADKIN	23,947	88	545	30	3	40	2	0	16	1	7	53	
YANCEY	6,265	38	326	43	1	54	1	0	1	0	0	34	
TOTAL	1,636,412	7,423	441	26	1	21	17	0	9	11	14	56	
NORTH DAKOTA													
ADAMS	29,733	599	99	77	7	8	3	5	0	0	0	25	
BARNES	34,594	888	78	63	6	18	10	2	1	0	0	34	
BENSON	29,771	866	69	74	4	13	13	4	0	3	0	27	
BILLINGS	21,066	747	56	91	2	7	1	0	0	0	0	16	
BOTTINEAU	20,849	1,022	41	74	3	10	4	5	0	5	0	26	
BOWMAN	32,847	707	93	70	3	4	1	22	0	0	0	23	
BURKE	13,650	586	47	78	5	10	1	6	0	0	0	24	
BURLEIGH	52,246	955	109	79	3	13	5	1	0	0	0	23	
CASS	33,697	989	68	34	28	10	18	8	2	0	0	55	
CAVALIER	9,279	820	23	72	5	15	6	2	0	0	0	29	
DICKEY	45,010	636	142	69	8	12	7	4	1	0	0	30	
DIVIDE	13,471	723	37	82	5	5	3	4	0	0	0	20	
DUNN	64,504	1,450	89	85	3	10	1	1	0	0	0	20	
EDDY	18,308	353	104	76	1	12	2	9	0	0	0	23	
EMMONS	53,412	820	130	66	3	26	3	1	0	0	0	34	
FOSTER	22,831	388	118	57	28	8	2	5	1	0	0	44	
GOLDEN VALLEY	20,241	487	83	74	5	13	5	3	0	0	0	27	
GRAND FORKS	18,021	806	45	62	7	16	6	7	3	0	0	36	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE											
NORTH DAKOTA														
GRANT	58,399	972	120	72	2	17	6	3	0	0	0	28		
GRIGGS	18,277	413	88	73	6	13	4	3	0	1	0	28		
HETTINGER	30,322	736	82	70	6	17	7	1	0	0	0	31		
KIDDER	50,352	725	139	77	2	15	2	4	0	0	0	25		
LA MOURE	41,077	683	120	58	7	25	5	3	0	0	0	39		
LOGAN	36,481	576	127	67	2	28	1	1	0	0	0	35		
MC HENRY	53,140	1,102	96	76	3	14	5	1	0	0	0	26		
MC INTOSH	37,934	582	130	61	3	31	3	1	0	0	0	39		
MC KENZIE	63,028	1,201	105	83	3	2	1	10	0	0	0	18		
MC LEAN	39,853	1,278	62	71	7	17	3	2	0	0	0	31		
MERCER	36,387	596	122	78	3	16	2	1	0	0	0	25		
MORTON	83,014	1,219	136	69	4	22	4	2	0	0	0	32		
MOUNTRAIL	30,763	1,096	56	79	2	13	1	5	0	0	0	23		
NELSON	16,193	591	55	61	2	15	5	6	0	11	0	33		
PEMBINA	10,268	395	137	72	2	21	4	1	0	0	0	29		
PIERCE	25,153	626	33	60	10	11	13	6	1	0	0	35		
RAMSEY	9,860	588	86	64	3	23	2	2	1	6	0	35		
RANSOM	31,119	683	29	67	6	14	6	6	0	2	0	31		
RENVILLE	9,005	492	126	71	6	10	7	6	0	0	0	27		
RICHLAND	46,385	477	38	70	2	21	3	3	0	0	0	30		
ROLETTE	14,377	827	112	53	15	15	14	1	2	0	0	42		
SARGENT	34,409	467	62	74	5	13	4	4	0	0	0	27		
SHERIDAN	24,198	480	143	64	8	12	10	4	1	0	0	32		
SILOUX	29,721	516	94	67	3	28	2	0	0	0	0	35		
SLOPE	25,308	842	71	86	1	10	1	1	0	0	0	19		
STARK	50,841	757	125	84	2	5	3	5	0	0	0	18		
STEELE	7,779	816	36	64	5	26	3	2	0	0	0	36		
STUTSMAN	62,525	429	103	64	9	15	4	8	0	0	0	34		
TOWNER	7,572	1,220	25	63	3	19	2	5	0	0	0	30		
TRAILL	9,331	601	38	43	5	10	9	13	0	0	0	48		
WALSH	15,206	495	41	66	9	24	16	5	3	0	0	33		
WARD	38,543	745	66	70	9	14	7	3	1	0	0	31		
WELLS	30,901	1,169	66	70	2	23	2	2	0	0	0	43		
WILLIAMS	33,009	794	78	56	20	17	2	5	1	0	0	19		
		1,179	56	82	2	6	1	9	0	0	0			
TOTAL	1,671,329	40,210	83	70	5	15	4	4	0	0	0	30		
OHIO														
ADAMS	29,861	185	323	47	4	39	7	2	1	0	0	50		
ALLEN	18,472	177	208	5	21	24	29	6	15	0	0	80		
ASHLAND	40,513	154	525	11	9	67	7	5	1	0	0	79		

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILER-RECOVERABLE	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE										
OHIO													
ASHTABULA	35,275	143	494	11	2	82	3	1	2	0	0	0	80
ATHENS	10,220	70	291	49	2	38	2	8	1	0	0	0	46
AUGLAIZE	37,229	201	370	4	14	51	21	4	6	0	0	0	82
BELMONT	18,894	101	373	40	2	49	1	5	3	0	0	0	55
BROWN	25,613	185	277	47	4	37	10	2	1	0	0	0	62
BUTLER	27,740	157	354	30	12	36	19	2	1	0	0	0	64
CARROLL	19,742	94	419	30	5	54	3	4	4	0	0	0	73
CHAMPAIGN	37,017	215	345	16	15	48	13	6	2	0	0	0	78
CLARK	44,032	187	470	16	51	17	13	3	1	0	0	0	39
CLERMONT	11,337	105	217	60	3	23	6	2	5	0	0	0	62
CLINTON	31,991	205	312	20	15	15	46	4	0	0	0	0	76
COLUMBIANA	30,292	115	528	16	6	68	3	2	5	0	0	0	59
COSHOCTON	30,152	166	363	31	8	38	12	10	0	0	1	0	72
CRAWFORD	23,715	199	238	10	21	24	27	16	2	0	0	0	66
CUYAHOGA	720	8	178	28	2	37	4	6	23	0	0	0	75
DARKE	73,021	319	458	7	7	29	26	3	18	10	0	0	80
DEFIANCE	15,850	178	178	5	18	34	30	3	10	0	0	0	69
DELAWARE	17,630	169	209	19	13	44	15	9	0	0	0	0	81
ERIE	8,717	84	207	7	9	64	14	3	3	0	0	0	64
FAIRFIELD	33,100	148	446	26	10	33	16	6	5	0	3	0	59
FAYETTE	25,033	213	235	25	18	7	46	5	0	0	0	0	63
FRANKLIN	10,358	126	164	25	13	34	15	10	2	0	0	0	86
FULTON	46,879	203	462	2	45	14	28	1	9	1	0	0	47
GALLIA	16,164	101	321	52	7	36	3	1	0	0	0	0	81
GEAUGA	12,023	50	480	9	1	80	6	2	2	0	0	0	63
GREENE	29,089	161	361	22	20	16	38	4	1	0	0	0	38
GUERNSEY	17,339	120	290	59	3	26	4	7	1	0	0	0	53
HAMILTON	4,700	41	231	41	6	38	11	3	1	0	0	0	76
HANCOCK	20,621	260	159	7	22	19	29	12	10	0	0	0	71
HARDIN	23,089	250	185	11	17	30	26	13	3	0	0	0	47
HARRISON	14,076	83	339	44	1	30	1	19	4	0	0	0	86
HENRY	21,148	225	188	2	25	25	19	1	23	4	0	0	51
HIGHLAND	38,161	240	318	39	7	25	24	4	0	1	0	0	33
HOCKING	5,764	43	268	64	10	5	7	9	4	0	0	0	79
HOLMES	54,705	145	753	8	2	61	13	1	3	0	0	0	75
HURON	18,436	213	173	9	12	45	22	10	2	0	0	0	34
JACKSON	13,453	81	334	60	4	14	12	1	1	9	0	0	53
JEFFERSON	8,026	48	338	43	2	45	5	3	3	0	0	0	63
KNOX	43,584	190	458	22	6	43	9	14	1	6	0	0	65
LAKE	1,222	19	127	32	17	33	3	2	13	0	0	0	49
LAWRENCE	8,851	61	292	51	6	36	3	0	4	0	0	0	61
LICKING	40,302	237	340	30	8	41	9	9	4	0	1	0	74
LOGAN	34,349	215	320	13	10	49	11	10	6	0	0	0	84
LORAIN	19,820	132	300	6	6	78	4	3	2	0	0	0	80
LUCAS	5,441	91	120	7	23	6	38	1	26	0	0	0	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING PENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE											
OHIO														
MADISON	34,208	255	268	22	23	23	26	5	1	0	0	0	66	
MAHONING	18,380	70	522	13	7	53	4	1	18	4	0	0	79	
MARION	18,232	201	181	11	19	15	29	18	8	0	0	0	69	
MEDINA	21,946	103	425	11	4	73	5	2	4	0	0	0	79	
MEIGS	13,489	86	312	49	2	44	2	1	2	0	0	0	49	
MERCER	73,301	251	585	3	6	43	20	1	13	13	1	1	78	
MIAMI	28,857	182	317	17	26	18	26	4	5	4	0	0	70	
MONROE	15,673	97	322	50	1	41	2	3	2	0	0	0	47	
MONTGOMERY	15,274	124	246	18	18	21	22	6	3	0	0	0	60	
MORGAN	12,577	94	268	53	4	25	5	12	2	0	0	0	42	
MORROW	19,305	161	240	24	8	34	15	16	3	0	0	0	61	
MUSKINGUM	28,777	165	349	47	9	23	9	11	1	0	0	0	46	
NOBLE	13,710	102	268	62	3	14	1	16	3	0	0	0	33	
OTTAWA	5,903	100	118	2	19	39	18	2	21	0	0	0	87	
PAULDING	6,017	205	59	12	8	32	21	5	22	0	0	0	76	
PERRY	15,461	92	335	50	10	18	11	8	1	0	1	1	44	
PICKAWAY	33,074	264	251	25	22	13	34	3	2	0	0	0	62	
PIKE	12,295	73	337	52	10	18	9	1	4	6	0	0	44	
PORTAGE	18,961	84	449	14	6	62	2	2	6	8	0	0	74	
PREBLE	33,430	201	333	19	14	24	37	3	2	0	0	0	65	
PUTNAM	29,685	260	228	3	11	28	35	2	21	0	0	0	81	
RICHLAND	25,305	151	334	20	20	38	14	6	2	0	0	0	70	
ROSS	29,688	232	256	47	13	11	24	3	3	0	0	0	47	
SANDUSKY	17,495	194	180	8	27	39	15	5	6	0	0	0	81	
SCIOTO	15,816	76	417	42	4	31	5	0	10	9	0	0	52	
SENECA	21,689	266	163	8	13	37	25	12	5	0	0	0	74	
SHELBY	37,061	209	354	7	9	56	20	3	4	0	0	0	79	
STARK	34,921	127	548	12	6	70	5	1	4	0	1	1	79	
SUMMIT	3,180	21	299	25	4	46	4	7	14	0	0	0	68	
TRUMBULL	19,794	97	408	21	4	69	1	1	4	0	0	0	73	
TUSCARAWAS	32,183	128	502	20	3	60	5	2	5	3	3	3	72	
UNION	27,716	212	261	10	12	50	20	8	1	0	0	0	75	
VAN WERT	10,607	226	94	6	14	33	30	5	12	0	0	0	79	
VINTON	4,556	39	236	55	2	22	13	7	0	0	0	0	39	
WARREN	18,545	137	271	33	12	27	19	3	6	0	0	0	59	
WASHINGTON	20,391	128	320	46	8	34	6	5	2	0	0	0	50	
WAYNE	89,441	221	811	4	7	68	9	2	9	0	0	0	85	
WILLIAMS	29,439	196	301	6	40	23	19	3	4	4	0	0	82	
WOOD	14,448	309	94	9	39	16	20	6	11	0	0	0	81	
WYANDOT	14,805	204	145	7	11	24	35	19	4	0	0	0	69	
TOTAL	2,089,401	13,456	311	20	12	39	16	5	5	2	0	0	68	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
											TONS	POUNDS PER ACRE
OKLAHOMA												
ADAIR	42,946	157	548	52	1	18	1	4	0	23	46	
ALFALFA	29,702	470	126	63	12	5	5	0	1	0	27	
ATOKA	39,747	360	221	91	3	6	1	0	0	0	8	
BEAVER	46,862	1,066	88	73	16	9	2	0	0	0	26	
BECKHAM	27,434	481	114	77	4	16	2	0	0	0	21	
BLAINE	29,468	511	115	80	2	16	2	0	0	0	18	
BRYAN	53,442	392	273	92	2	5	1	0	0	0	7	
CADDO	74,568	725	206	75	17	5	2	0	0	0	23	
CANADIAN	56,574	496	228	50	32	14	2	0	0	0	47	
CARTER	27,552	295	187	93	2	4	1	0	0	0	6	
CHEROKEE	38,244	230	333	61	1	14	3	0	19	1	27	
CHOCTAW	37,379	277	270	89	2	8	0	0	0	0	10	
CIMARRON	69,506	1,012	137	28	70	1	0	0	0	0	72	
CLEVELAND	20,204	152	267	70	1	27	1	0	0	0	27	
COAL	29,915	263	227	87	5	7	0	0	0	0	12	
COMANCHE	34,176	392	174	75	4	20	1	0	0	0	23	
COTTON	21,750	355	122	90	7	2	1	0	0	0	9	
CRAIG	62,383	401	311	67	27	5	1	0	0	0	32	
CREEK	28,780	305	188	89	2	6	1	0	0	0	10	
CUSTER	30,481	595	102	64	13	19	2	1	0	0	33	
DELAWARE	50,479	213	475	56	1	15	2	0	10	9	36	
DEWEY	28,412	565	101	80	12	6	2	0	0	0	19	
ELLIS	35,431	701	101	69	7	22	1	0	0	0	28	
GARFIELD	31,556	631	100	74	7	10	4	0	0	0	21	
GARVIN	46,988	400	235	85	4	8	2	1	0	0	13	
GRADY	64,338	575	224	71	3	22	3	1	0	0	26	
GRANT	26,049	582	89	70	8	6	4	0	0	0	22	
GREER	14,187	353	80	89	1	8	1	0	0	0	10	
HARMON	8,303	287	58	87	4	7	1	0	0	0	11	
HARPER	48,831	605	162	41	51	6	1	0	0	0	58	
HASKELL	32,734	204	321	94	2	4	0	0	0	0	6	
HUGHES	32,954	326	202	93	2	4	1	0	0	0	6	
JACKSON	17,837	514	69	69	26	3	0	0	0	0	30	
JEFFERSON	32,652	410	159	97	2	1	0	0	0	0	3	
JOHNSTON	34,338	298	231	88	1	9	1	0	0	0	10	
KAY	29,784	484	123	70	7	13	5	3	0	0	24	
KINGFISHER	40,182	558	144	54	25	17	3	1	0	0	43	
KIOWA	26,518	608	87	84	8	5	1	3	0	0	14	
LATIMER	18,016	237	152	96	1	2	0	0	0	0	4	
LE FLORE	49,500	314	315	79	1	4	1	0	7	7	17	
LINCOLN	47,477	387	245	66	1	32	1	0	0	0	31	
LOGAN	28,349	340	167	84	2	10	2	1	0	0	14	
LOVE	22,066	229	193	94	2	1	3	0	0	0	5	
MCCLELLAN	41,262	299	276	56	10	31	2	0	0	0	40	
MCCURTAIN	54,008	249	434	72	0	5	1	6	0	17	28	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
											TONS	PCOUNDS PER ACRE
OKLAHOMA												
MCINTOSH	27,562	222	249	90	1	7	0	0	0	0	0	9
MAJOR	33,253	524	127	73	4	20	0	0	0	0	0	24
MARSHALL	17,161	171	201	94	1	3	1	0	0	0	0	5
MAYES	43,211	230	376	69	2	27	0	0	0	0	0	28
MURRAY	27,906	209	267	63	2	26	1	6	0	0	0	34
MUSKOGEE	42,085	344	244	84	2	13	1	0	0	0	0	15
NOBLE	28,822	395	146	81	2	13	2	0	0	0	0	16
NOWATA	27,171	257	212	83	3	12	1	0	0	0	0	15
OKFUSKEE	29,388	268	219	89	3	6	0	0	0	0	0	10
OKLAHOMA	26,375	222	238	65	3	19	3	8	0	0	0	31
OKMULGEE	31,480	270	233	85	8	5	1	0	0	0	0	14
OSAGE	92,637	1,206	154	91	5	3	1	0	0	0	0	8
OTTAWA	32,400	201	322	80	4	14	1	1	0	0	0	18
PAWNEE	25,669	318	162	78	5	11	5	0	0	0	0	18
PAYNE	36,826	294	251	67	4	25	3	0	0	0	0	29
PITTSBURG	55,747	540	206	84	2	3	1	0	10	0	0	11
PONTOTOC	39,181	337	232	77	3	18	1	1	0	0	0	21
POTTAWATOMIE	36,398	296	246	69	1	24	2	4	0	0	0	28
PUSHMATAHA	24,266	316	153	91	3	2	3	1	0	0	0	8
ROGER MILLS	44,723	710	126	64	3	31	1	0	0	0	0	32
ROGERS	37,195	270	275	83	2	13	1	0	0	0	0	15
SEMINOLE	26,568	228	233	86	0	13	1	0	0	0	0	13
SEQUOYAH	25,937	218	238	85	0	5	0	2	7	0	0	11
STEPHENS	38,160	433	175	89	3	6	1	0	0	0	0	9
TEXAS	187,356	1,147	327	10	89	1	0	0	0	0	0	90
TILLMAN	29,234	503	116	60	34	2	0	3	0	0	0	38
TULSA	22,165	176	252	76	2	21	1	0	0	0	0	21
WAGONER	25,803	204	252	72	3	21	2	1	0	0	0	25
WASHINGTON	20,790	220	189	91	2	5	1	0	0	0	0	8
WASHITA	32,940	600	110	73	10	11	2	2	0	0	0	24
WOODS	30,817	738	84	87	8	2	2	1	0	0	0	12
WOODWARD	40,429	740	109	76	16	3	4	0	0	0	0	21
TOTAL	2,903,019	32,111	181	71	14	10	1	1	1	1	1	27
OREGON												
BAKER	56,245	1,173	96	89	2	6	0	0	0	0	0	14
BENTON	12,309	121	204	38	3	39	3	17	1	0	0	40
CLACKAMAS	46,440	165	564	30	3	20	4	8	15	11	9	59
CLATSOP	6,650	20	678	45	1	50	1	4	0	0	0	37
COLUMBIA	17,296	57	608	52	16	24	1	7	0	0	0	38
COOS	29,814	128	465	27	0	58	0	14	1	0	0	45

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE											
OREGON														
CROOK	31,076	1,506	41	93	3	3	0	1	0	0	0	13		
CURRY	12,943	110	235	33	1	26	0	41	0	0	0	39		
DESCHUTES	14,075	660	43	51	23	19	1	5	1	0	0	42		
DOUGLAS	48,377	456	212	50	1	10	1	37	0	0	1	31		
GILLIAM	13,883	739	38	78	15	3	0	4	0	0	0	25		
GRANT	35,455	1,229	58	90	2	5	0	1	0	2	0	15		
HARNEY	71,996	5,525	26	97	0	2	0	1	0	0	0	10		
HOOD RIVER	3,535	19	370	27	5	57	1	2	0	0	9	51		
JACKSON	33,064	510	130	63	1	27	1	2	5	1	0	30		
JEFFERSON	27,279	569	96	36	57	1	1	5	0	0	0	64		
JOSEPHINE	11,574	79	292	31	1	62	1	3	2	0	1	44		
KLAMATH	57,618	963	120	65	14	11	0	8	1	0	0	32		
LAKE	56,974	3,459	33	98	1	1	0	1	0	0	0	10		
LANE	38,776	241	321	41	3	27	1	16	5	0	7	43		
LINCOLN	5,306	41	259	63	3	25	0	9	0	0	0	27		
LINN	47,162	335	281	31	3	28	2	28	7	0	1	45		
MALHEUR	143,499	6,020	48	59	24	13	0	5	0	0	0	39		
MARION	50,611	268	378	19	3	52	5	9	9	0	2	54		
MORROW	22,668	1,118	41	77	2	8	0	13	0	0	0	20		
MULTNOMAH	6,874	32	425	42	3	38	1	14	0	0	2	39		
POLK	24,817	179	277	22	2	35	2	24	1	10	3	53		
SHERMAN	9,328	490	38	63	12	1	4	1	19	0	0	39		
TILLAMOOK	43,294	59	1,465	6	0	94	0	0	0	0	0	56		
UMATILLA	77,493	1,345	115	47	37	4	3	7	0	2	0	50		
UNION	26,556	441	120	70	14	5	5	5	0	0	0	28		
WALLOWA	35,554	758	94	84	2	2	1	11	0	0	0	16		
WASCO	20,745	1,294	32	92	2	1	2	2	0	0	0	13		
WASHINGTON	25,222	138	365	19	6	64	3	6	1	0	2	52		
WHEELER	12,133	794	31	80	5	4	0	11	0	0	0	20		
YAMHILL	33,506	180	372	20	2	35	7	10	3	18	5	59		
TOTAL	1,210,147	31,221	78	56	9	20	1	9	2	1	1	35		
PENNSYLVANIA														
ADAMS	47,221	159	594	13	11	39	6	1	7	13	10	80		
ALLEGHENY	6,005	27	437	24	4	45	4	4	17	1	1	70		
ARMSTRONG	20,049	97	413	23	6	60	5	1	5	0	0	70		
BEAVER	11,360	46	490	21	3	68	3	1	4	0	0	72		
BEDFORD	44,872	159	564	13	4	79	3	1	1	0	0	78		
BERKS	88,304	227	780	4	12	69	6	1	5	2	3	86		
BLAIR	28,139	67	843	6	2	85	3	1	3	0	0	84		
BRADFORD	94,662	271	699	5	1	91	0	1	2	0	0	86		

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	PCUNDS PER ACRE	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING BIRDS	TURKEYS	OTHER BIRDS	PERCENT OF TOTAL	PERCENT
PENNSYLVANIA															
BUCKS	27,382	97	564	9	67	2	15	1	0	0	0	0	0	84	
BUTLER	26,312	116	455	23	54	6	9	0	0	0	0	0	0	69	
CAMBRIA	12,738	61	417	20	56	5	5	0	8	0	0	0	0	73	
CAMERON	566	2	646	15	84	0	1	0	0	0	0	0	0	78	
CARBON	1,354	13	203	7	11	4	24	0	0	0	0	0	0	85	
CENTRE	33,685	112	601	8	82	3	2	2	0	0	0	0	0	82	
CHESTER	72,413	194	747	8	76	3	3	0	2	0	0	0	0	84	
CLARION	16,865	77	439	20	69	2	5	0	0	0	0	0	0	73	
CLEARFIELD	11,270	48	473	13	71	2	9	0	0	0	0	0	0	79	
CLINTON	8,485	32	531	10	80	2	1	0	0	0	0	0	0	82	
COLUMBIA	18,000	96	374	16	55	9	8	1	4	0	0	0	0	75	
CRAWFORD	54,372	190	572	11	84	1	2	0	0	0	0	0	0	81	
CUMBERLAND	47,675	134	710	7	80	3	2	1	0	0	0	0	0	84	
DAUPHIN	26,395	92	574	7	10	5	8	2	9	0	0	0	0	83	
DELAWARE	2,734	8	704	9	1	14	2	0	0	0	0	0	0	77	
ELK	5,051	14	700	13	63	1	22	0	0	0	0	0	0	81	
ERIE	40,565	160	507	9	86	1	2	0	0	0	0	0	0	83	
FAYETTE	18,737	82	456	28	57	3	9	0	0	0	0	0	0	69	
FOREST	969	4	516	26	73	0	0	1	0	0	0	0	0	69	
FRANKLIN	92,738	218	849	5	82	4	4	0	0	0	0	0	0	85	
FULTON	15,575	62	504	17	74	3	1	0	0	0	0	0	0	75	
GREENE	20,673	138	301	43	31	1	23	0	0	0	0	0	0	46	
HUNTINGDON	26,536	99	535	11	61	3	1	0	0	0	0	0	0	80	
INDIANA	32,892	119	551	16	61	4	2	0	0	0	0	0	0	77	
JEFFERSON	17,549	68	515	17	71	3	0	0	0	0	0	0	0	77	
JUNIATA	26,429	73	728	3	70	4	9	2	8	0	0	0	0	88	
LACKAWANNA	11,893	39	616	10	78	1	9	0	0	0	0	0	0	82	
LANCASTER	320,940	355	1,807	2	15	9	14	1	9	0	0	0	0	89	
LAWRENCE	21,247	72	593	16	72	4	2	0	0	0	0	0	0	75	
LEBANON	53,292	102	1,042	4	10	5	1	0	5	0	0	0	0	87	
LEHIGH	17,369	89	393	6	41	9	7	0	0	0	0	0	0	83	
LUZERNE	10,964	43	505	8	78	2	8	0	0	0	0	0	0	83	
LYCOMING	26,873	112	479	11	79	3	3	0	0	0	0	0	0	81	
MCKEAN	6,840	30	452	18	75	0	6	0	0	0	0	0	0	76	
MERCER	37,818	147	516	16	74	2	2	0	0	0	0	0	0	76	
MIFFLIN	35,752	73	984	3	79	3	4	1	6	0	0	0	0	87	
MONROE	3,025	19	317	29	50	3	4	0	0	0	0	0	0	66	
MONTGOMERY	26,811	65	820	5	59	6	11	13	1	0	0	0	0	86	
MONTGOMERY	7,337	39	374	11	61	4	9	0	1	0	0	0	0	78	
NORTHAMPTON	23,860	90	528	3	86	1	5	0	0	0	0	0	0	88	
NORTHUMBERLAND	26,093	95	548	12	41	11	16	0	7	0	0	0	0	79	
PERRY	28,059	94	594	7	67	3	9	4	4	0	0	0	0	85	
PHILADELPHIA	44	1	72	0	69	0	30	0	0	0	0	0	0	85	
PIKE	748	3	428	19	76	1	0	0	0	0	0	0	0	75	
POTTER	17,673	71	499	8	85	0	5	0	0	0	0	0	0	83	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	CROPLAND AND PASTURELAND	RATIO OF MANURE TO PASTURELAND	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BRIGIL-ERS	ECONOMICALLY RECOVERABLE	PERCENT
PENNSYLVANIA																
SCHUYLKILL	25,648	76	671	4	7	33	11	0	34	8	3	87				
SNYDER	24,602	75	654	7	4	63	8	1	6	2	10	83				
SOMERSET	56,170	178	630	8	4	82	3	1	2	0	0	83				
SULLIVAN	7,096	26	546	6	0	90	0	1	0	0	2	85				
SUSQUEHANNA	59,338	171	693	5	0	90	0	1	4	0	0	87				
TIOGA	53,425	186	573	8	1	84	0	2	4	0	0	83				
UNION	22,560	59	759	4	5	57	5	0	8	19	2	86				
VENANGO	8,702	45	385	28	1	61	4	4	1	0	0	64				
WARREN	17,551	50	703	6	0	89	0	1	4	0	0	86				
WASHINGTON	42,763	190	450	30	2	58	2	5	2	0	1	63				
WAYNE	45,106	127	710	5	0	89	0	1	5	0	0	87				
WESTMORELAND	38,617	128	604	18	3	68	2	1	6	2	0	75				
WYOMING	23,614	61	776	6	5	87	0	0	2	0	0	86				
YORK	70,409	257	547	8	14	49	7	1	10	7	4	83				
TOTAL	2,170,811	6,530	665	9	6	68	4	1	7	2	3	82				
RHODE ISLAND																
BRISTOL	1,043	2	1,334	13	0	83	2	0	2	0	0	79				
KENT	1,570	4	725	6	0	59	4	31	0	0	0	71				
NEWPORT	4,344	8	1,112	8	1	82	6	0	2	0	0	81				
PROVIDENCE	6,516	12	1,086	6	1	56	4	2	32	0	0	86				
WASHINGTON	4,945	15	652	4	1	79	2	1	13	0	0	87				
TOTAL	18,418	41	898	6	1	70	4	4	16	0	0	84				
SOUTH CAROLINA																
ABBEVILLE	14,430	90	320	74	0	15	1	0	10	0	0	19				
AIKEN	16,089	117	275	50	2	11	8	0	5	0	25	42				
ALLENDALE	7,647	90	169	52	7	12	29	0	0	0	0	28				
ANDERSON	32,315	154	420	62	1	29	1	0	7	0	0	26				
BAMBERG	13,058	76	343	18	9	57	14	0	2	0	0	51				
BARNWELL	7,742	96	161	36	1	19	37	0	8	0	0	38				
BEAUFORT	4,585	36	253	69	0	9	12	0	9	0	0	21				
BERKELEY	5,303	53	199	44	2	11	31	0	12	0	0	36				
CALHOUN	6,375	88	144	43	11	18	28	0	0	0	0	36				
CHARLESTON	4,693	47	198	82	7	1	9	0	0	0	0	13				
CHEROKEE	8,000	56	288	79	0	9	5	0	4	0	3	15				
CHESTER	11,959	85	283	62	1	32	2	0	3	0	0	24				

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE FEEDER	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT
SOUTH CAROLINA															
CHESTERFIELD	21,440	128	336	27	0	1	4	0	6	58	4	52			
CLARENDON	10,627	116	183	13	5	16	28	0	28	0	9	66			
COLLETON	11,823	137	173	55	4	7	19	0	14	0	0	32			
DARLINGTON	12,184	140	175	43	3	14	14	0	21	0	5	44			
DILLON	3,701	93	80	60	3	11	22	0	4	0	0	24			
DORCHESTER	7,808	56	280	37	3	37	19	0	4	0	0	38			
EDGEFIELD	11,168	67	334	52	0	34	4	0	10	0	0	32			
FAIRFIELD	5,328	58	183	87	1	10	1	0	0	0	0	8			
FLORENCE	12,349	154	160	23	1	19	14	0	39	0	4	62			
GEORGETOWN	2,977	28	212	46	2	14	20	0	17	0	0	38			
GREENVILLE	16,652	74	447	55	0	38	3	0	3	0	0	28			
GREENWOOD	12,274	57	434	78	1	8	1	0	13	0	0	19			
HAMPTON	11,580	108	215	38	2	10	33	0	16	0	0	41			
HORRY	10,084	127	159	31	2	10	48	0	8	0	0	40			
JASPER	4,481	66	136	60	8	18	7	2	4	0	0	28			
KERSHAW	8,026	62	257	62	1	2	3	0	1	31	0	26			
LANCASTER	10,837	60	363	67	2	5	2	0	13	11	0	27			
LAURENS	23,484	128	366	64	1	23	2	0	11	0	0	26			
LEE	5,419	124	87	38	0	13	20	0	0	13	15	42			
LEXINGTON	16,574	85	389	40	2	11	5	0	21	0	29	53			
MC CORMICK	3,949	23	346	62	3	4	10	0	0	0	0	31			
MARION	3,901	69	114	41	3	5	47	0	5	0	0	33			
MARLBORO	4,367	117	75	69	7	14	9	0	0	0	0	20			
NEWBERRY	33,623	81	826	26	0	42	3	0	28	1	0	55			
OCONEE	13,741	56	490	63	1	20	2	0	14	0	0	28			
ORANGEBURG	46,361	239	388	19	8	49	19	0	4	0	1	51			
PICKENS	9,932	44	456	63	1	12	3	1	21	0	0	30			
RICHLAND	7,187	60	241	32	3	30	4	0	27	0	4	54			
SALUDA	26,745	100	533	54	1	33	1	0	8	0	3	32			
SPARTANBURG	26,640	123	434	56	2	15	1	0	19	3	5	37			
SUMTER	21,356	144	297	17	1	33	7	0	1	19	23	60			
UNION	6,370	63	201	87	0	11	1	0	1	0	0	8			
WILLIAMSBURG	10,062	138	146	28	1	15	32	0	13	10	0	46			
YORK	19,563	117	334	60	2	19	2	0	3	14	0	27			
TOTAL	584,809	4,230	277	47	2	23	10	0	10	4	3	38			
SOUTH DAKOTA															
AURORA	50,936	404	252	61	9	7	15	7	1	0	0	34			
BEADLE	87,069	749	232	62	10	12	10	5	0	0	0	36			
BENNETT	26,343	1,115	47	89	4	2	4	1	0	0	0	16			
BON HOMME	54,306	333	326	41	23	14	19	2	2	0	0	54			

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	FEEDER:DAIRY	HOGS	SHEEP:LAYING	TURKEYS	ERS	PERCENT OF TOTAL	PERCENT
SOUTH DAKOTA													
BROOKINGS	73,317	444	330	44	15	20	14	5	1	0	0	50	
BROWN	104,881	1,049	200	54	26	7	8	5	1	0	0	45	
BRULE	53,264	479	222	67	13	4	10	5	1	0	0	32	
BUFFALO	17,657	392	90	85	4	2	3	6	0	0	0	18	
BUTTE	61,422	1,266	97	40	1	10	2	47	0	0	0	38	
CAMPBELL	31,051	456	136	66	7	18	6	4	0	0	0	34	
CHARLES MIX	88,813	663	268	55	20	8	14	2	1	0	0	43	
CLARK	51,046	527	194	64	10	11	7	7	0	0	0	34	
CLAY	36,230	224	324	23	51	4	18	2	1	0	0	71	
CODINGTON	45,192	370	244	35	8	29	5	8	1	15	0	54	
CORSON	49,644	1,447	69	83	1	5	4	7	0	0	0	19	
CUSTER	20,431	830	49	86	1	9	1	3	0	0	0	18	
DAVISON	40,790	247	330	48	14	12	17	5	3	0	0	46	
DAY	49,883	595	168	49	5	33	8	3	1	0	0	47	
DEUEL	49,267	351	280	46	8	36	7	4	0	0	0	51	
DEWEY	39,726	2,299	35	81	0	8	4	7	0	0	0	21	
DOUGLAS	45,937	249	370	46	11	17	21	2	2	0	0	48	
EDMONDS	56,725	710	160	68	5	17	6	2	2	0	0	33	
FALL RIVER	68,555	1,299	106	41	47	1	4	7	0	0	0	57	
FAULK	47,729	580	164	77	3	4	6	10	0	0	0	22	
GRANT	50,351	398	253	35	19	38	6	2	0	0	0	61	
GREGORY	63,006	607	208	65	7	17	9	2	1	0	0	35	
HAakon	46,218	1,086	85	91	3	1	1	4	0	0	0	14	
HAMLIN	33,694	296	228	46	10	28	11	4	1	0	0	50	
HAND	80,480	853	189	73	8	5	6	7	1	0	0	27	
HANSON	34,338	234	294	47	17	12	18	5	2	0	0	47	
HARDING	54,264	1,574	69	71	1	2	1	26	0	0	0	21	
HUGHES	21,101	408	103	86	2	3	3	5	0	0	0	17	
HUTCHINSON	93,303	502	372	43	16	17	18	2	2	3	0	51	
HYDE	42,791	557	154	90	1	1	2	6	0	0	0	14	
JACKSON	16,368	587	56	91	2	6	1	0	0	0	0	16	
JERAULD	36,046	302	239	59	15	8	9	9	0	0	0	38	
JONES	23,134	563	82	89	2	2	3	4	0	0	0	15	
KINGSBURY	58,334	464	252	56	17	10	9	8	0	0	0	41	
LAKE	53,959	299	361	40	19	16	17	3	4	1	0	54	
LAWRENCE	14,915	484	62	68	8	19	1	4	0	0	0	34	
LINCOLN	57,245	318	360	27	32	16	20	5	1	0	0	65	
LYMAN	48,923	1,137	86	84	4	4	6	2	0	0	0	19	
MCCOOK	51,656	330	313	49	10	17	20	3	2	0	0	46	
MCPHERSON	54,123	661	164	72	5	17	4	2	1	0	0	30	
MARSHALL	48,432	489	198	54	23	6	8	9	0	0	0	42	
MEADE	89,919	2,075	87	77	1	8	2	12	0	0	0	22	
MELLETTTE	36,772	980	75	83	3	2	6	6	0	0	0	19	
MINER	39,530	298	265	63	6	10	14	6	1	0	0	33	
MINNEHAHA	97,604	437	447	31	28	19	17	3	2	0	0	62	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
SOUTH DAKOTA													
MOODY	56,589	291	389	38	24	17	14	6	1	0	0	56	
PENNINGTON	45,147	1,926	47	85	2	8	2	3	0	0	0	19	
PERKINS	72,491	1,888	77	77	1	2	2	18	0	0	0	20	
POTTER	45,125	550	164	50	25	7	11	7	0	0	0	46	
ROBERTS	59,884	675	177	49	13	24	10	3	1	0	0	48	
SANBORN	46,640	335	279	56	18	8	9	8	0	0	0	41	
SHANNON	19,298	1,712	23	97	0	0	2	10	0	0	0	10	
SPINK	79,334	897	177	59	14	6	10	7	4	0	0	38	
STANLEY	25,490	1,042	49	95	0	1	2	11	0	0	0	11	
SULLY	45,578	623	146	47	43	1	5	4	0	0	0	53	
TODD	39,054	1,359	57	83	5	9	2	1	0	0	0	22	
TRIPP	75,541	1,234	122	70	7	10	10	2	0	0	0	30	
TURNER	78,939	371	426	26	28	22	19	4	1	0	0	66	
UNION	40,550	252	322	28	33	12	24	2	2	0	0	64	
WALWORTH	27,735	424	131	93	9	17	8	2	0	0	0	37	
WASHBAUGH	17,877	1,118	32	63	1	2	2	2	0	0	0	13	
YANKTON	50,254	276	364	35	28	13	21	2	1	0	0	59	
ZIEBACH	32,561	1,880	35	83	2	3	4	8	0	0	0	18	
TOTAL	3,354,807	49,870	135	58	14	12	9	6	1	0	0	39	
TENNESSEE													
ANDERSON	7,455	31	482	68	2	28	1	1	1	0	0	29	
BEDFORD	43,801	203	431	63	1	27	4	1	2	0	2	32	
BENTON	8,093	55	292	79	3	4	13	0	1	0	0	16	
BLEDSE	14,469	64	454	72	4	17	7	0	0	0	0	24	
BLOUNT	24,743	90	549	64	1	30	3	0	2	0	0	32	
BRADLEY	26,171	67	783	36	1	33	1	0	4	0	25	60	
CAMPBELL	5,327	28	380	65	2	31	1	0	1	0	0	32	
CANNON	15,733	86	366	63	1	25	10	1	0	0	0	31	
CARROLL	22,435	158	284	62	1	15	20	0	2	0	0	30	
CARTER	7,272	41	352	71	4	23	1	0	1	0	0	26	
CHEATHAM	9,895	55	359	82	3	4	11	0	0	0	0	14	
CHESTER	7,390	73	202	65	1	18	16	0	1	0	0	28	
CLAIBORNE	17,936	101	354	66	1	31	1	0	1	0	0	30	
CLAY	11,066	57	387	67	1	20	11	0	1	0	0	27	
COCKE	19,667	77	513	42	5	43	1	0	1	0	8	54	
COFFEE	26,413	132	401	52	2	37	8	0	0	0	1	42	
CROCKETT	10,486	144	146	77	3	6	12	0	1	0	0	18	
CUMBERLAND	15,659	67	464	55	2	27	11	1	0	0	3	38	
DAVIDSON	18,962	83	456	58	12	21	5	0	5	0	0	38	
DECATUR	10,838	67	326	65	1	6	28	0	0	0	0	25	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE
	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL
DE KALB	17,593	87	405	1	5	26	1	4	0	0	0	32
DICKSON	20,832	117	355	2	6	10	0	0	0	0	0	15
DYER	20,502	237	173	4	14	10	0	5	0	0	0	28
FAYETTE	35,573	274	260	1	4	16	0	19	0	0	0	37
FENTRESS	15,042	52	577	2	6	18	0	0	0	0	27	50
FRANKLIN	34,271	120	572	3	10	26	0	7	0	0	2	42
GIBSON	32,250	285	226	2	24	10	0	1	0	0	0	28
GILES	50,537	241	419	1	5	28	0	0	0	0	0	30
GRAINGER	15,779	74	427	1	1	25	0	1	0	0	0	25
GREENE	66,886	218	614	1	1	56	0	1	0	0	0	53
GRUNDY	10,175	32	628	2	11	13	0	6	0	0	35	61
HAMBLEN	18,632	56	666	20	3	27	0	0	0	0	0	47
HAMILTON	15,808	48	657	1	2	23	0	8	0	0	17	48
HANCOCK	8,380	60	278	2	1	26	0	1	0	0	0	28
HARDEMAN	17,581	188	187	1	9	5	0	0	0	0	0	12
HARDIN	12,481	102	244	1	27	8	0	0	0	0	0	26
HAWKINS	25,867	142	365	1	1	34	0	1	0	0	0	33
HAYWOOD	13,511	210	129	1	5	9	0	0	0	0	0	13
HENDERSON	21,445	136	315	2	29	6	0	0	0	0	0	27
HENRY	25,478	177	288	2	16	21	0	0	0	0	0	33
HICKMAN	17,071	90	378	2	16	7	0	0	0	0	0	19
HOUSTON	5,135	31	327	0	5	7	0	0	0	0	0	10
HUMPHREYS	13,563	77	354	1	13	7	0	0	0	0	0	17
JACKSON	11,859	81	293	1	11	16	0	1	0	0	0	23
JEFFERSON	29,253	104	564	1	2	35	0	5	0	0	1	39
JOHNSON	9,432	50	378	2	1	44	0	2	0	0	0	45
KNOX	22,345	84	532	1	2	24	0	5	0	0	0	29
LAKE	314	92	7	0	12	5	0	1	0	0	0	14
LAUDERDALE	15,104	184	164	1	11	10	0	1	0	0	0	19
LAWRENCE	31,224	162	386	2	6	31	0	0	0	1	0	35
LEWIS	5,018	24	413	0	18	7	0	2	0	0	0	21
LINCOLN	56,591	251	452	1	5	30	0	1	0	0	1	33
LOUDON	23,345	73	640	0	41	41	0	1	0	0	1	39
MCMINN	48,198	108	893	8	1	50	0	10	0	0	3	67
MCNAIRY	14,532	130	223	1	5	5	0	16	0	0	0	38
MACON	21,283	114	372	1	5	24	0	0	0	0	0	27
MADISON	15,405	178	173	2	7	11	0	0	0	0	0	17
MARION	9,001	38	470	1	5	19	0	1	0	0	21	43
MARSHALL	35,980	158	456	0	2	43	0	1	0	0	0	42
MAURY	57,174	254	450	1	4	28	0	0	0	0	0	29
MEIGS	10,440	40	525	0	1	33	0	0	0	0	4	35
MONROE	25,488	91	562	1	2	51	0	3	0	0	4	54
MONTGOMERY	33,643	169	397	2	10	13	0	2	0	0	0	23
MOORE	12,003	45	533	5	4	28	0	0	0	0	0	33
MORGAN	5,477	21	515	1	4	28	0	0	0	0	20	49

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL		
										TONS	PER ACRE	PERCENT
TENNESSEE												
OBION	30,573	230	265	52	16	13	19	0	1	0	0	40
OVERTON	23,302	86	539	69	1	20	10	0	1	0	0	26
PERRY	6,110	41	297	70	7	5	17	0	0	0	0	23
PICKETT	6,586	27	484	80	1	12	6	0	0	0	0	16
POLK	8,788	26	684	29	2	41	1	0	2	0	25	67
PUTNAM	21,980	97	451	68	1	22	9	0	1	0	0	27
RHEA	9,415	43	439	66	1	21	7	0	5	0	0	30
ROANE	10,121	40	500	63	0	30	2	0	6	0	0	34
ROBERTSON	48,379	208	466	59	1	23	5	0	12	0	0	37
RUTHERFORD	51,252	233	441	58	1	36	4	1	0	0	14	37
SCOTT	5,422	22	502	53	1	25	7	1	0	0	19	42
SEQUATCHIE	5,840	24	484	49	1	20	4	0	7	0	1	47
SEVIER	18,693	89	421	70	3	16	4	0	6	0	1	27
SHELBY	17,682	205	172	78	2	16	3	0	1	0	0	19
SMITH	29,631	147	403	72	1	16	10	1	1	0	0	23
STEWART	4,283	40	212	90	1	7	1	0	1	0	0	9
SULLIVAN	20,668	84	495	62	2	33	1	1	1	0	0	34
SUMNER	43,260	193	447	67	1	23	4	0	3	0	1	29
TIPTON	15,799	183	173	76	1	12	11	0	0	0	0	19
TROUSDALE	12,642	58	436	69	1	25	3	1	0	0	0	26
UNICOI	1,304	13	206	73	2	22	2	0	1	0	0	24
UNION	6,917	41	341	71	1	26	1	0	1	0	0	26
VAN BUREN	6,009	24	491	70	3	18	7	0	0	0	2	26
WARREN	34,587	145	476	57	2	23	7	0	10	0	1	38
WASHINGTON	41,131	107	768	45	1	49	1	0	5	0	0	50
WAYNE	13,031	81	323	74	1	6	17	1	0	0	0	19
WEAKLEY	32,652	199	327	38	2	33	27	0	0	0	0	50
WHITE	31,144	97	642	59	1	30	10	0	0	0	0	35
WILLIAMSON	47,870	204	469	66	1	31	2	0	1	0	0	30
WILSON	43,240	218	397	72	1	19	5	1	3	0	0	24
TOTAL	1,979,623	10,389	381	61	2	26	7	0	3	0	2	34
TEXAS												
ANDERSON	43,468	331	263	85	1	12	2	0	1	0	0	14
ANDREWS	8,615	602	29	96	0	2	1	0	0	0	0	4
ANGELINA	18,445	103	359	81	1	3	1	0	10	0	4	19
ARANSAS	2,152	25	172	95	0	4	0	0	0	0	0	4
ARCHER	41,646	532	157	53	4	36	4	1	4	0	0	43
ARMSTRONG	18,948	525	72	61	38	0	0	0	0	0	0	39
ATASCOSA	69,213	667	207	77	5	17	1	0	0	0	0	22
AUSTIN	58,540	327	358	86	6	5	1	0	1	0	0	13

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE RANGE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE											
BAILEY	51,809	421	246	17	74	6	1	1	0	0	0	81		
BANDERA	16,588	388	86	72	1	3	1	22	1	0	0	16		
BASTROP	46,005	397	232	90	2	5	3	0	0	0	0	9		
BAYLOR	12,026	414	58	83	13	2	2	0	0	0	0	16		
BEE	31,064	461	135	96	2	2	0	0	0	0	0	4		
BELL	46,478	470	198	84	2	5	2	3	1	4	0	12		
BEXAR	57,030	507	225	58	8	25	3	1	5	0	0	38		
BLANCO	26,333	349	151	59	0	9	2	17	0	11	0	25		
BORDEN	17,450	548	64	85	3	0	1	11	0	0	9	38		
BORDEN	60,675	561	216	56	27	4	2	2	0	8	0	25		
BOSQUE	56,526	271	417	73	1	20	1	0	1	0	4	38		
BOWIE	52,278	573	182	90	1	6	2	0	1	0	0	25		
BRAZORIA	44,278	251	353	73	0	16	1	0	9	0	0	9		
BRAZOS	27,956	2,470	23	85	0	0	0	14	0	0	0	25		
BREWSTER	11,112	415	53	91	5	1	3	0	0	0	0	7		
BRISCOE	28,290	545	104	84	0	7	0	0	0	0	0	8		
BROOKS	45,721	505	181	66	1	11	4	9	0	4	0	13		
BROWN	40,695	304	268	86	1	6	4	0	0	8	0	23		
BURLESON	30,735	488	126	73	1	2	4	0	0	4	0	11		
BURNET	47,711	254	376	48	39	1	2	20	0	0	0	15		
CALDWELL	14,481	214	135	99	1	0	0	0	0	0	0	51		
CALHOUN	23,050	498	93	89	3	5	2	1	0	0	0	9		
CALLAHAN	27,052	377	144	38	46	13	1	0	2	0	0	60		
CAMERON	20,265	60	675	50	2	16	0	0	14	0	18	49		
CAMP	32,858	638	103	43	56	0	1	0	0	0	0	56		
CARSON	25,953	176	295	88	2	3	1	0	0	0	5	11		
CASS	225,720	555	314	5	90	2	1	3	0	0	0	94		
CASTRO	21,212	318	133	99	0	0	0	0	0	0	0	1		
CHAMBERS	45,550	254	359	77	1	21	0	0	0	0	1	21		
CHEROKEE	10,195	366	56	93	4	1	2	0	0	0	0	6		
CHILDRESS	58,862	629	187	63	26	11	0	0	0	0	0	36		
CLAY	39,146	403	194	13	86	0	0	0	0	0	0	87		
COCHRAN	24,676	443	111	44	1	2	0	54	0	0	0	29		
COKE	55,151	737	150	56	1	4	2	37	0	0	0	24		
COLEMAN	47,776	351	272	62	22	14	1	0	1	0	0	37		
COLLIN	21,414	538	80	76	21	0	3	0	0	0	0	23		
COLLINGSWORTH	58,887	556	212	89	1	5	3	0	2	0	0	10		
COLORADO	14,377	217	133	80	1	4	3	12	0	0	0	13		
COMAL	66,087	501	264	56	7	29	2	4	1	0	0	38		
COMANCHE	55,166	563	196	24	1	0	1	74	0	0	0	39		
CONCH	53,372	416	256	67	2	30	1	1	0	0	0	30		
COOKE	42,967	609	141	68	3	5	5	15	1	2	0	21		
CORYELL	13,793	494	56	98	0	0	1	0	0	0	0	1		
COTTLE	2,894	289	20	100	0	0	0	0	0	0	0	0		
CRANE	67,848	1,971	69	30	0	0	1	69	0	0	0	35		
CROCKETT														

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	TURKEYS	BROILER-RECOVERABLE	ECONOMICALLY RECOVERABLE	PERCENT
	TONS	1,000 ACRES	POUNDS PER ACRE	75	7	1	9	1	8	0	0
TEXAS											
CROSBY	9,830	505	39	75	7	1	9	1	8	0	0
CULBERSON	15,105	1,601	19	100	0	0	0	0	0	0	0
DALLAM	47,869	952	101	31	67	1	0	0	0	0	0
DALLAS	33,750	224	301	46	30	22	1	1	0	0	0
DAWSON	9,651	602	32	52	0	1	22	1	24	0	0
DEAF SMITH	289,246	831	696	5	94	0	1	0	0	0	0
DELTA	16,710	142	235	81	1	17	0	0	0	0	0
DENTON	57,183	424	270	69	3	13	1	1	11	1	0
DE WITT	68,497	506	271	74	6	13	2	0	1	3	0
DICKENS	21,475	553	78	83	3	1	1	1	12	0	0
DIMMIT	41,892	853	98	75	24	0	0	0	0	0	0
DONLEY	22,094	569	78	73	26	1	0	0	0	0	0
DUVAL	50,814	936	109	88	0	8	0	0	0	3	0
EASTLAND	40,386	445	182	78	2	6	2	1	0	11	0
EDWARDS	35,838	5,201	22	94	1	1	1	2	2	0	0
ELLIS	43,038	489	176	82	2	13	1	0	0	0	0
EL PASO	50,784	440	231	7	64	29	1	0	0	0	0
ERATH	83,567	559	299	44	2	50	2	1	1	0	0
FALLS	47,699	395	242	90	3	5	1	0	0	0	0
FANNIN	46,328	430	215	89	1	9	1	0	0	0	0
FAYETTE	80,625	464	348	70	2	15	5	0	8	0	0
FISHER	23,582	525	90	78	2	9	11	0	0	0	0
FLOYD	34,170	598	114	41	51	2	4	2	0	0	0
FOARD	7,296	301	48	94	0	2	3	0	0	0	0
FORT BEND	45,076	429	210	93	1	4	1	0	1	0	0
FRANKLIN	32,872	120	548	54	1	39	0	0	0	0	6
FREESTONE	50,639	371	273	96	1	2	1	0	0	0	3
FRIO	51,232	599	171	67	26	4	1	0	1	0	0
GAINES	10,372	725	29	66	3	2	2	9	17	0	0
GALVESTON	11,970	134	178	92	1	5	1	0	0	0	7
GARZA	14,407	542	53	94	4	1	1	0	1	0	0
GILLESPIE	63,024	617	204	39	1	3	6	33	1	17	0
GLASSCOCK	9,507	492	39	81	4	1	2	12	0	0	0
GOLIAD	36,299	401	181	91	6	1	1	0	0	0	0
GONZALES	149,493	670	447	50	6	3	2	0	18	5	15
GRAY	61,086	534	229	24	73	0	3	0	0	0	0
GRAYSON	50,032	417	240	88	2	8	2	0	0	0	0
GREGG	11,143	85	263	88	3	8	1	0	0	0	0
GRIMES	66,206	341	389	61	1	37	1	0	1	0	0
GUADALUPE	38,771	340	228	77	2	13	3	1	4	0	0
HALE	105,342	666	316	14	81	2	4	1	0	0	0
HALL	14,999	593	51	93	4	1	1	0	0	0	0
HAMILTON	42,021	437	192	60	3	17	3	13	3	1	0
HANSFORD	104,602	672	311	6	94	0	0	0	0	0	0

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	PCUNDS PER ACRE										
TEXAS													
HARDEMAN	9,410	354	53	92	2	1	4	1	0	0	0	6	
HARDIN	4,300	110	78	97	0	1	1	0	0	0	0	2	
HARRIS	62,993	521	242	77	3	18	1	1	1	0	0	21	
HARRISON	34,212	199	344	84	1	14	1	0	0	0	0	15	
HARTLEY	96,875	948	204	12	87	0	0	0	0	0	0	87	
HASKELL	15,498	483	64	82	2	7	7	0	1	0	0	15	
HAYS	22,961	295	156	80	4	12	0	3	0	0	0	17	
HEMPHILL	28,614	574	100	39	59	2	0	0	0	0	0	61	
HENDERSON	45,422	313	290	93	1	5	1	0	0	0	0	7	
HIDALGO	41,192	813	101	75	6	17	1	0	1	0	0	23	
HILL	58,739	458	256	58	25	16	1	0	0	0	0	40	
HOCKLEY	21,161	495	86	23	63	1	12	1	0	0	0	72	
HOOD	23,491	210	224	63	22	14	1	0	0	0	0	35	
HOPKINS	143,213	360	795	29	1	70	0	0	0	0	0	65	
HOUSTON	58,247	420	277	90	1	8	2	0	0	0	0	9	
HOWARD	9,814	463	42	84	2	3	2	8	1	0	0	11	
HUDSPETH	17,040	16	16	90	6	0	4	0	0	0	0	9	
HUNT	40,627	362	225	87	1	11	1	0	0	0	0	12	
HUTCHINSON	13,979	517	54	74	23	1	1	0	1	0	0	25	
IRION	28,332	755	75	46	0	3	0	51	0	0	0	28	
JACK	26,622	493	108	92	3	3	1	0	0	0	0	7	
JACKSON	35,440	479	148	98	0	1	0	0	0	0	0	2	
JASPER	14,222	108	263	75	1	14	0	0	9	0	0	24	
JEFF DAVIS	23,188	306	154	100	0	0	0	0	0	0	0	0	
JEFFERSON	32,490	829	78	100	0	1	0	0	0	0	0	1	
JIM HCGG	47,930	471	204	61	1	37	1	0	0	0	0	35	
JIM WELLS	46,643	307	304	49	3	45	1	1	1	0	0	47	
JOHNSON	22,640	499	91	70	26	2	2	0	0	0	0	29	
JONES	44,738	406	220	87	1	9	2	0	0	0	0	11	
KARNES	58,999	407	290	89	7	2	1	0	0	0	0	11	
KAUFMAN	25,679	344	149	50	1	25	1	21	1	0	0	37	
KENDALL	26,234	502	104	100	0	0	0	0	0	0	0	0	
KENEDY	9,633	394	49	97	1	2	1	0	0	0	0	3	
KENT	28,128	638	88	55	0	3	1	41	0	0	0	24	
KERR	30,189	666	91	45	0	1	1	53	0	0	0	28	
KIMBLE	13,272	545	49	99	0	1	0	0	0	0	0	1	
KING	36,861	685	108	41	0	0	0	59	0	0	0	30	
KINNEY	57,601	902	128	94	1	0	0	0	0	5	0	6	
KLEBERG	11,196	464	48	93	1	2	3	0	0	0	0	6	
KNOX	60,197	381	316	85	2	11	0	0	1	0	1	14	
LAMAR	36,129	624	116	22	68	3	3	3	0	0	0	75	
LAMB	35,606	437	163	60	5	6	2	27	0	0	0	25	
LAMPASAS	40,957	880	93	95	4	1	0	0	0	0	0	5	
LA SALLE	62,920	466	270	81	4	9	2	0	4	0	0	18	
LAVACA													

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	CATTLE	DAIRY	HOGS	SHEEP	LAYING	TURKEYS	OTHER RECOVERABLE
LEE	49,551	76	286	347	2	4	5	0	0	2	10	0
LEON	50,601	95	408	248	1	2	1	0	0	1	0	0
LIBERTY	27,736	92	343	162	1	4	0	0	0	3	0	0
LIMESTONE	47,501	93	413	230	1	5	0	0	0	0	0	0
LIPSCOMB	22,118	68	587	75	30	1	1	0	0	0	0	0
LIVE OAK	36,402	93	537	136	3	3	2	0	0	0	0	0
LLANO	31,470	79	527	120	0	1	18	2	0	0	0	0
LOVING	3,997	100	344	23	0	0	0	0	0	0	0	0
LUBBOCK	94,141	9	577	327	84	0	5	0	0	1	0	0
LYNN	6,409	78	473	27	4	3	9	1	5	0	0	0
MCCULLOCH	53,851	47	637	169	1	4	3	45	0	0	0	0
MCLENNAN	70,839	55	507	280	5	22	4	1	3	10	1	37
MCMULLEN	27,280	97	587	93	2	0	0	0	0	0	0	0
MADISON	38,172	89	234	326	1	9	1	0	0	0	0	0
MARION	8,049	92	47	342	4	3	1	0	0	0	0	0
MARTIN	7,642	87	513	30	4	2	7	0	0	0	0	0
MASON	47,005	55	621	151	24	1	6	14	0	0	0	0
MATAGORDA	57,602	98	618	186	1	0	0	0	0	0	0	0
MAVERICK	93,816	27	888	211	73	0	0	0	0	0	0	0
MEDINA	58,458	74	735	159	21	3	1	1	0	0	0	0
MEMPHIS	30,438	41	461	132	0	1	1	57	0	0	0	0
MIDLAND	30,734	36	798	77	56	4	1	3	0	0	0	0
MILAM	57,388	83	437	263	2	7	4	0	2	1	0	0
MILLS	47,203	50	406	233	7	2	3	38	0	0	0	0
MITCHELL	16,566	82	624	53	3	2	1	12	1	0	0	0
MONTAGUE	43,618	85	453	193	3	10	1	0	0	0	0	0
MONTGOMERY	20,795	84	160	260	1	14	1	0	0	0	0	0
MOORE	116,846	6	514	455	93	0	1	0	0	0	0	0
MORRIS	17,145	89	116	295	2	1	0	0	2	0	0	7
MOTLEY	19,138	98	529	72	1	0	1	0	0	0	0	0
NACOGDOCHES	79,725	39	222	719	0	25	1	0	5	0	0	30
NAVARRO	57,135	91	567	201	3	5	0	0	0	0	0	0
NEWTON	6,253	88	85	146	0	10	1	0	0	2	0	0
NOLAN	43,067	33	495	174	53	2	2	10	0	0	0	0
NUECES	22,065	64	486	91	2	30	3	0	1	0	0	0
OCHILTREE	78,522	13	575	273	85	0	2	0	0	0	0	0
OLDHAM	57,261	27	814	141	72	0	0	0	0	0	0	0
ORANGE	5,151	88	64	162	0	7	1	1	4	0	0	0
PALO PINTO	25,111	93	483	104	2	2	2	1	0	0	0	0
PANOLA	45,669	55	215	425	0	8	1	0	2	0	0	34
PARKER	51,251	63	416	246	2	31	1	1	3	0	0	0
PARMER	263,949	5	555	951	95	0	0	0	0	0	0	0
PECOS	67,725	40	2,851	48	19	0	1	40	0	0	0	0
POLK	12,430	90	166	150	0	9	1	0	0	0	0	0
POTTER	12,452	92	508	49	3	1	4	0	0	0	0	0

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE											PERCENT
TEXAS														
PRESIDIO	31,377	1,889	33	87	0	0	0	13	0	0	0	0	7	
RAINS	20,332	100	407	66	2	29	4	0	0	0	0	0	31	
RANDALL	140,488	510	551	10	84	4	2	0	0	0	0	0	89	
REAGAN	15,923	563	57	45	0	0	0	55	0	0	0	0	28	
REAL	9,063	310	58	56	0	1	1	43	0	0	0	0	23	
RED RIVER	64,235	404	318	90	1	4	1	0	0	0	4	0	9	
REEVES	88,523	1,519	117	17	81	2	0	0	0	0	0	0	83	
REFUGIO	26,445	480	110	99	1	0	0	0	0	0	0	0	1	
ROBERTS	15,770	543	58	54	46	0	0	0	0	0	0	0	46	
ROBERTSON	56,370	370	304	87	3	3	2	0	0	0	0	0	11	
ROCKWALL	4,478	47	190	91	6	2	1	0	0	0	0	0	9	
RUNNELS	61,201	596	205	40	30	8	1	21	0	0	0	0	49	
RUSK	45,823	251	365	79	3	12	1	0	0	0	5	0	20	
SABINE	16,091	32	994	36	0	1	0	0	1	0	0	0	63	
SAN AUGUSTINE	17,788	68	524	49	2	3	3	0	0	0	44	0	50	
SAN JACINTO	9,331	77	242	92	2	6	0	0	0	0	0	0	8	
SAN PATRICIO	29,829	390	153	45	52	1	0	0	1	0	0	0	55	
SAN SABA	70,816	781	181	53	1	0	2	34	0	9	0	0	25	
SCHLEICHER	38,912	736	106	736	0	1	1	57	0	0	0	0	30	
SCURRY	17,537	554	63	76	3	6	8	2	4	0	0	0	19	
SHACKELFORD	20,297	463	88	88	7	4	1	0	0	0	0	0	11	
SHELBY	79,203	193	821	40	0	4	0	0	14	0	0	0	60	
SHERMAN	100,742	549	367	8	91	0	0	0	0	0	0	0	92	
SMITH	50,571	265	381	87	2	9	1	0	2	0	0	0	12	
SOMERVELL	6,023	81	149	88	1	7	3	1	0	0	0	0	10	
STARR	35,574	480	148	93	0	6	0	0	0	0	0	0	6	
STEPHENS	22,213	479	93	93	1	0	1	4	0	0	0	0	4	
STERLING	26,212	722	73	40	0	0	0	60	0	0	0	0	30	
STONEWALL	17,912	461	78	87	8	1	3	0	0	0	0	0	12	
SUTTON	40,440	969	83	49	0	0	0	50	0	0	0	0	25	
SWISHER	136,578	554	493	13	85	0	1	0	0	0	0	0	86	
TARRANT	54,790	266	412	71	2	20	1	0	4	1	0	0	26	
TAYLOR	83,887	504	333	24	72	1	0	3	0	0	0	0	75	
TERRELL	31,142	1,303	48	62	1	0	0	78	0	0	0	0	39	
TERRY	5,185	503	21	21	4	10	23	0	0	0	0	0	29	
THROCKMORTON	20,424	611	67	92	5	1	0	1	0	0	0	0	7	
TITUS	35,401	148	477	75	1	14	0	0	3	0	0	0	24	
TOM GREEN	76,656	1,065	144	30	19	5	1	43	1	0	0	0	47	
TRAVIS	31,043	400	155	76	1	20	2	2	0	0	0	0	21	
TRINITY	17,510	130	269	95	0	2	0	0	3	0	0	0	5	
TYLER	7,614	67	228	93	1	5	1	0	0	0	0	0	6	
UPSHUR	43,375	150	580	54	1	32	0	0	2	0	0	0	43	
UPTON	18,800	754	50	36	0	0	0	63	0	0	0	0	32	
UVALDE	39,244	747	105	55	16	0	0	25	0	0	0	0	31	
VAL VERDE	69,307	2,039	68	24	0	0	0	75	1	0	0	0	39	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	FEEDER CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILER RECOVERABLE	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
												TONS	PERCENT
		1,000 ACRES	POUNDS PER ACRE										PERCENT
TEXAS													
VAN ZANDT	64,828	343	378	86	2	10	1	0	0	0	0	13	
VICTORIA	41,836	525	159	95	0	2	1	1	0	0	4		
WALKER	34,761	259	268	66	22	10	2	0	0	0	0	32	
WALLER	31,424	231	272	85	4	8	3	0	0	0	0	13	
WARD	5,548	450	25	93	1	0	1	0	5	0	0	6	
WASHINGTON	54,457	273	399	77	2	16	1	0	2	0	0	21	
WEBB	73,695	1,957	75	99	0	0	0	0	0	0	0	1	
WHARTON	49,340	665	148	94	1	3	0	0	2	0	0	6	
WHEELER	47,253	487	194	41	55	3	1	0	0	0	0	59	
WICHITA	18,452	302	122	82	5	8	3	1	0	0	0	16	
WILBARGER	43,323	870	100	51	46	2	1	0	1	0	0	48	
WILLACY	4,771	302	32	93	2	2	2	1	1	0	0	6	
WILLIAMSON	49,195	601	164	71	3	8	2	6	6	3	0	23	
WILSON	54,554	389	280	74	1	21	3	0	1	0	0	23	
WINKLER	4,205	484	17	100	0	0	0	0	0	0	0	0	
WISE	63,941	374	342	48	2	47	1	0	1	0	0	48	
WOOD	48,102	204	473	57	1	37	0	0	0	0	0	40	
YOAKUM	6,707	373	36	72	4	22	2	0	0	0	0	26	
YOUNG	27,614	537	103	82	13	3	2	0	0	0	0	17	
ZAPATA	26,139	516	101	100	0	0	0	0	0	0	0	0	
ZAVALA	44,391	753	118	62	34	2	1	1	0	0	0	37	
TOTAL	10,564,792	132,429	160	56	25	8	1	6	1	1	1	39	
UTAH													
BEAVER	16,100	1,394	23	60	2	33	1	5	0	0	0	39	
BOX ELDER	70,842	2,653	53	47	9	24	1	18	0	1	0	44	
CACHE	53,052	400	265	16	14	62	1	6	1	0	0	75	
CARBON	11,894	860	28	62	1	2	1	34	0	0	0	26	
DAGGETT	4,002	373	21	64	0	1	0	35	0	0	0	23	
DAVIS	22,290	119	375	32	17	21	0	6	0	23	0	51	
DUCHESNE	34,715	837	83	62	1	19	1	17	0	0	0	32	
EMERY	16,925	2,293	15	81	5	13	1	0	0	0	0	24	
GARFIELD	12,862	2,715	9	85	0	3	0	11	0	0	0	16	
GRAND	4,787	1,729	6	95	1	3	1	0	1	0	0	12	
IRON	23,066	1,622	28	38	4	5	0	52	0	0	0	38	
JUAB	10,385	1,738	12	71	11	3	0	14	0	0	0	27	
KANE	9,361	1,953	10	86	0	1	0	13	0	0	0	15	
MILLARD	48,854	3,883	25	52	21	19	1	7	0	0	0	46	
MORGAN	13,085	250	104	23	0	18	0	59	0	0	0	48	
PIUTE	7,960	345	46	55	3	29	0	13	0	0	0	40	
RICH	32,109	730	88	75	2	1	0	21	0	0	0	20	

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
											1,000 ACRES	POUNDS PER ACRE
UTAH												
SALT LAKE	31,266	277	225	15	2	25	3	30	25	0	0	67
SAN JUAN	17,020	2,537	13	77	6	1	1	15	0	0	0	21
SANPETE	77,750	158	158	21	2	14	0	33	1	28	0	45
SEVIER	28,616	1,060	54	38	24	12	1	25	0	0	0	51
SUMMIT	27,603	331	167	30	1	25	1	43	1	0	0	48
TOOELE	17,763	2,460	14	52	1	4	3	40	0	0	0	30
UINTAH	29,073	2,719	21	72	1	7	2	18	0	0	0	23
UTAH	70,371	663	212	26	11	21	1	22	12	6	0	59
WASATCH	18,428	268	137	19	1	28	0	50	3	0	0	55
WASHINGTON	12,297	1,135	22	70	2	24	0	3	0	0	0	31
WAYNE	10,630	1,131	19	55	3	12	0	29	0	0	0	33
WEBER	29,503	226	261	23	25	40	1	10	1	0	0	70
TOTAL	762,609	37,687	40	43	8	20	1	22	3	4	0	45
VERMONT												
ADDISON	75,683	205	739	2	0	97	0	0	0	0	0	89
BENNINGTON	7,872	30	518	7	1	90	0	1	0	0	0	84
CALEDCNIA	33,562	78	865	2	0	78	0	0	18	0	0	90
CHITTENDEN	36,531	99	739	4	2	92	0	0	2	0	0	87
ESSEX	5,468	12	882	2	0	98	0	0	0	0	0	89
FRANKLIN	84,359	177	952	1	0	97	0	0	1	0	0	89
GRAND ISLE	9,404	30	630	3	0	97	0	0	0	0	0	88
LAMOILLE	17,387	39	883	1	0	94	0	0	4	0	0	90
ORANGE	31,766	96	660	3	0	95	0	1	1	0	0	88
ORLEANS	56,120	136	825	1	0	98	0	0	1	0	0	90
RUTLAND	35,117	122	576	4	0	95	0	0	0	0	0	87
WASHINGTON	18,899	53	714	5	0	93	0	1	2	0	0	87
WINDHAM	12,926	39	666	6	0	91	0	1	1	0	0	85
WINDSOR	17,787	68	527	9	0	90	1	1	0	0	0	83
TOTAL	442,881	1,184	748	3	0	94	0	0	2	0	0	88
VIRGINIA												
ACCOMACK	10,931	77	284	4	0	3	11	0	3	0	77	90
ALBEMARLE	24,275	151	321	77	2	11	5	1	3	0	0	25
ALLEGHANY	2,395	22	222	80	1	14	1	4	0	0	0	23
AMELIA	13,184	57	460	21	4	49	10	2	1	0	13	70
AMHERST	10,429	70	296	89	1	9	1	1	0	0	0	17

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	PERCENT OF TOTAL	HENS	KEYS	TURKEYS	ROOSTERS	ECONOMICALLY RECOVERABLE
VIRGINIA										
APPOMATTOX	9,835	61	320	68	2	28	2	0	0	0
AUGUSTA	80,976	274	591	40	6	23	3	9	3	11
BATH	5,842	35	337	76	5	2	2	14	0	0
BEFORD	34,257	166	412	57	2	39	1	0	1	0
BLAND	12,392	72	343	56	2	31	2	8	1	0
BOTETCURT	16,127	84	385	34	3	34	1	1	3	0
BRUNSWICK	9,610	66	290	49	0	49	1	1	3	0
BUCHANAN	669	6	226	39	0	52	2	4	3	0
BUCKINGHAM	11,248	56	400	56	1	9	9	0	6	18
CAMPBELL	16,502	93	353	61	2	33	2	1	2	0
CAROLINE	5,116	49	210	45	8	20	11	1	14	0
CARROLL	21,543	97	446	56	2	41	1	0	0	0
CHARLES CITY	1,615	26	124	61	4	16	1	1	7	0
CHARLOTTE	14,256	82	346	56	1	36	6	0	0	0
CHESTERFIELD	3,056	17	351	37	0	13	5	2	23	0
CLARKE	14,591	65	452	52	3	38	3	5	0	0
CRAIG	4,584	33	278	70	1	15	2	12	0	0
CULPEPER	23,788	106	447	54	5	39	1	1	0	0
CUMBERLAND	11,392	56	408	38	0	30	9	0	0	0
DICKENSON	1,014	5	379	65	5	22	1	6	2	0
DINWIDDIE	7,273	72	201	40	2	28	29	0	1	0
ESSEX	2,101	40	106	58	16	3	22	0	1	0
FAIRFAX	2,854	19	302	41	3	53	2	0	1	0
FAUQUIER	37,507	185	405	57	8	33	1	1	0	0
FLOYD	20,154	102	394	55	1	42	1	1	0	0
FLUVANNA	7,514	35	427	75	0	7	3	0	14	0
FRANKLIN	32,478	126	517	36	2	60	0	0	2	0
FREDERICK	14,862	92	323	67	5	13	3	3	3	0
GILES	6,970	59	236	83	2	7	1	7	0	0
GLOUCESTER	1,134	19	117	41	1	11	37	5	6	0
GOOCHLAND	6,821	41	331	57	8	17	7	0	1	0
GRAYSON	20,665	133	311	67	1	30	0	2	0	0
GREENE	7,985	28	565	48	3	18	3	3	2	17
GREENSVILLE	5,514	55	201	36	1	3	59	0	1	0
HALIFAX	15,571	149	209	62	2	29	4	0	2	0
HANOVER	16,378	83	397	48	3	29	14	0	2	0
HENRY	4,320	25	341	31	10	37	6	0	1	0
HIGHLAND	4,948	33	298	72	5	20	3	0	0	0
ISLE OF WIGHT	13,840	86	321	41	1	4	1	32	0	22
JAMES CITY	9,345	67	279	31	13	4	51	1	1	0
KING AND QUEEN	1,623	13	243	62	6	16	16	0	1	0
KING GEORGE	2,504	32	157	19	1	42	34	0	4	0
KING WILLIAM	3,621	27	265	57	8	23	9	1	1	0
LANCASTER	5,097	35	292	27	8	55	9	0	1	0
	1,054	19	111	34	9	1	46	1	9	0

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
											TONS	POUNDS PER ACRE
VIRGINIA												
LEE	17,181	106	325	67	2	30	1	0	1	0	0	35
LOUDOUN	33,778	174	389	53	7	33	4	2	1	0	0	45
LOUISA	13,203	72	369	66	5	19	3	1	5	0	0	36
LUNENBURG	7,374	58	254	67	2	18	11	1	1	0	0	30
MADISON	22,806	84	545	51	7	36	5	1	0	0	0	47
MATHEWS	1,249	7	354	11	0	5	15	1	67	0	0	81
MECKLENBURG	16,524	124	266	66	2	15	9	1	7	0	0	33
MIDDLESEX	2,185	19	234	19	2	68	11	0	0	0	0	70
MONTGOMERY	18,282	95	386	46	5	39	2	6	2	0	0	50
NANSEMOND	13,402	71	376	13	7	11	49	0	19	0	0	62
NELSON	7,674	52	293	85	2	4	2	2	5	0	0	19
NEW KENT	1,443	21	139	58	0	11	30	1	1	0	0	30
NORTHAMPTON	701	51	28	50	3	13	26	8	0	0	0	36
NORTHUMBERLAND	1,314	39	67	36	3	17	17	1	6	0	0	46
NOTTOWAY	12,321	47	520	27	2	35	2	1	9	0	24	70
ORANGE	19,076	79	481	57	6	29	4	3	0	0	0	41
PAGE	17,864	52	682	39	5	17	4	2	3	0	29	59
PATRICK	10,941	61	356	60	1	33	4	0	1	0	0	39
PITTSYLVANIA	21,820	200	218	65	2	24	5	0	3	0	0	35
POWHATAN	8,181	33	498	30	1	55	5	0	9	0	0	64
PRINCE EDWARD	12,391	59	422	42	2	54	2	0	0	0	0	55
PRINCE GEORGE	3,983	39	203	38	4	18	37	0	2	0	0	45
PRINCE WILLIAM	7,602	43	355	52	3	41	3	1	1	0	0	47
PULASKI	16,558	62	531	53	5	35	1	6	0	0	0	44
RAPPAHANNOCK	6,911	53	260	92	1	4	2	0	0	0	0	14
RICHMOND	2,282	31	148	39	0	19	29	0	12	0	0	48
ROANOKE	10,263	30	688	29	1	12	2	2	56	0	0	71
ROCKBRIDGE	22,516	129	350	73	1	18	2	5	0	0	1	28
ROCKINGHAM	166,700	218	1,527	15	4	22	2	3	6	29	19	72
RUSSELL	24,386	145	336	59	2	26	1	10	3	0	0	38
SCOTT	12,081	106	229	70	1	26	1	1	1	0	0	32
SHENANDOAH	47,690	109	874	31	5	16	2	4	5	21	15	60
SMYTH	21,168	114	370	57	2	35	1	5	0	0	0	41
SOUTHAMPTON	14,838	127	234	28	6	6	59	0	1	0	0	43
SPOTSYLVANIA	8,808	42	423	44	2	50	2	0	1	0	0	53
STAFFORD	3,352	18	364	64	5	27	2	0	1	0	0	37
SURRY	4,439	38	233	21	4	8	63	0	4	0	0	48
SUSSEX	6,250	71	175	30	2	1	66	1	0	0	0	38
TAZEWELL	18,060	113	321	52	5	26	2	14	2	0	0	42
WARREN	5,992	38	315	79	4	7	3	6	0	0	0	22
WASHINGTON	44,420	182	489	38	2	47	1	2	10	0	0	58
WESTMORELAND	2,524	42	120	60	12	7	19	1	1	0	0	34
WISE	1,734	11	320	47	0	50	0	0	2	0	0	51
WYTHE	31,408	128	493	50	3	37	4	5	1	0	0	46
YORK	958	3	659	19	0	45	4	0	31	0	0	76

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	DAIRY CATTLE	FEEDER CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
		1,000 ACRES	PCUNDS PER ACRE											
VIRGINIA														
CHESAPEAKE CITY	4,093	47	173	23	2	48	23	1	3	0	0	0	62	
VIRGINIA BEACH CITY	21,971	35	1,262	3	0	3	92	0	1	0	0	50		
TOTAL	1,382,457	6,879	402	46	3	27	7	3	3	5	5	49		
WASHINGTON														
ADAMS	24,765	1,134	44	71	11	11	3	4	0	0	0	27		
ASOTIN	7,435	282	53	83	10	5	1	1	0	0	0	21		
BENTON	28,996	683	85	69	17	11	1	3	0	0	0	31		
CHELAN	1,729	111	31	76	4	12	5	3	1	0	0	22		
CLALLAM	8,632	28	624	44	1	54	0	1	1	0	0	37		
CLARK	35,337	92	772	25	3	64	1	2	2	0	3	49		
COLUMBIA	5,470	316	35	87	2	2	7	2	0	0	0	15		
COWLITZ	8,502	28	600	34	2	50	0	3	1	0	10	47		
DOUGLAS	11,219	958	23	74	21	3	1	1	0	0	0	30		
FERRY	7,944	1,201	13	95	1	3	0	1	0	0	0	11		
FRANKLIN	29,253	585	100	46	26	18	3	7	0	0	0	46		
GARFIELD	7,889	363	44	89	4	1	4	1	0	0	0	15		
GRANT	102,145	1,095	187	27	56	13	1	2	0	0	0	68		
GRAYS HARBOR	21,536	39	1,108	14	1	84	0	0	0	0	1	53		
ISLAND	9,616	15	1,249	20	2	46	1	1	32	0	0	63		
JEFFERSON	2,938	9	652	45	0	52	0	1	2	0	0	37		
KING	50,617	48	2,116	10	2	28	1	1	2	0	2	57		
KITSAP	2,526	6	898	46	2	82	3	3	6	0	12	43		
KITTITAS	39,570	459	172	61	28	10	0	1	1	0	0	40		
KLICKITAT	23,924	876	55	76	10	10	1	3	0	0	0	24		
LEWIS	37,052	109	681	23	2	59	1	1	7	0	7	54		
LINCOLN	23,490	1,434	33	94	1	2	1	2	0	0	0	12		
MASON	1,654	7	484	53	1	45	1	0	0	0	0	33		
OKANOGAN	36,023	1,388	52	85	7	5	0	3	0	0	0	19		
PACIFIC	5,918	23	515	40	1	59	0	0	0	0	0	39		
PEND OREILLE	4,968	144	69	75	0	21	3	1	0	0	0	21		
PIERCE	44,760	55	1,632	11	2	64	1	0	15	0	8	64		
SAN JUAN	2,635	15	353	78	2	10	2	9	0	0	0	20		
SKAGIT	52,004	99	1,048	13	2	78	1	0	5	0	0	56		
SKAMANIA	548	8	141	78	3	9	0	9	0	0	0	20		
SNOHOMISH	64,045	70	1,817	11	1	73	0	0	11	0	4	60		
SPOKANE	34,444	633	109	43	4	34	4	1	14	0	0	44		
STEVENS	31,645	711	89	54	2	41	2	1	0	0	0	33		
THURSTON	35,227	58	1,224	13	2	49	2	1	28	0	4	66		
WAHKIAKUM	7,278	12	1,222	25	1	74	0	0	0	0	0	47		
WALLA WALLA	54,260	792	137	22	69	7	1	1	1	0	0	77		

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE FEEDER	DAIRY CATTLE RANGE	HOGS	SHEEP	LAYING TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL		PERCENT
											TONS	1,000 ACRES	
WASHINGTON													
WHATCOM	97,898	117	1,675	9	1	85	0	0	5	0	1	58	
WHITMAN	29,665	1,344	44	68	15	3	8	0	0	0	0	29	
YAKIMA	147,810	1,979	149	23	51	20	1	3	1	0	0	69	
TOTAL	1,141,367	17,326	132	34	19	39	1	2	4	0	1	52	
WEST VIRGINIA													
BARBOUR	8,035	71	225	80	1	16	1	3	0	0	0	24	
BERKELEY	12,957	70	372	41	6	47	4	1	1	0	0	55	
BOONE	193	3	110	60	0	9	15	7	9	0	0	33	
BRAXTON	5,385	56	192	81	0	8	1	9	1	0	0	20	
BROOKE	1,529	9	344	38	9	47	0	4	1	0	0	58	
CABELL	2,927	34	174	74	1	16	5	1	2	0	0	27	
CALHOUN	2,214	29	155	80	0	17	1	1	1	0	0	24	
CLAY	722	9	162	86	0	11	1	1	1	0	0	19	
DODDRIDGE	3,224	43	151	74	1	12	2	11	1	0	0	25	
FAYETTE	2,975	22	275	68	2	23	1	4	0	0	0	32	
GILMER	3,518	44	160	76	0	13	1	9	1	0	0	24	
GRANT	15,110	103	294	46	1	7	2	14	0	12	17	45	
GREENBRIER	24,976	152	328	60	2	27	1	8	1	0	0	38	
HAMPSHIRE	12,852	97	264	66	4	6	4	7	1	0	12	34	
HANCOCK	481	6	171	57	0	30	3	3	7	0	0	42	
HARDY	32,763	104	629	29	2	7	3	8	1	24	25	59	
HARRISON	10,379	81	255	65	2	29	0	3	2	0	0	36	
JACKSON	9,434	91	206	72	1	22	1	3	1	0	0	30	
JEFFERSON	20,901	78	539	32	7	55	3	1	2	0	0	63	
KANAWHA	1,618	18	180	88	1	6	4	0	1	0	0	16	
LEWIS	9,370	78	241	65	2	24	0	8	0	0	0	33	
LINCOLN	1,111	21	107	61	0	32	3	1	3	0	0	39	
LOGAN	250	1	665	14	0	69	1	0	16	0	0	79	
MARION	4,251	30	284	80	1	13	2	3	1	0	0	22	
MARSHALL	10,628	57	373	55	0	37	1	6	1	0	0	42	
MASON	17,639	95	372	40	1	52	2	0	5	0	0	57	
MERCER	5,012	41	247	73	2	16	1	4	4	0	0	29	
MINERAL	6,661	52	255	59	2	25	5	9	0	0	0	37	
MINGO	49	0	446	69	0	26	2	0	3	0	0	33	
MONONGALIA	5,369	43	249	74	1	11	1	11	2	0	0	25	
MONROE	18,755	111	338	58	1	28	1	11	1	0	0	38	
MORGAN	1,722	13	261	60	2	33	2	0	2	0	0	40	
NICHOLAS	4,360	24	362	74	0	18	1	3	4	0	0	29	
OHIO	4,098	20	407	23	1	73	1	1	2	0	0	70	
PENDLETON	35,261	156	451	31	2	6	3	17	1	30	9	51	

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE: FEEDER CATTLE	DAIRY CATTLE: RANGE CATTLE	HOGS	SHEEP: LAYING	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT
	TONS	1,000 ACRES	PCOUNDS PER ACRE	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT OF TOTAL	PERCENT
WEST VIRGINIA											
PLEASANTS	895	11	161	0	19	2	1	1	0	0	27
POCAHONTAS	14,554	110	265	1	6	1	31	0	0	0	28
PRESTON	16,892	92	369	2	48	2	3	2	0	0	53
PUTNAM	3,941	46	172	2	14	2	1	3	0	0	26
RALEIGH	4,148	25	330	0	59	2	6	20	0	0	41
RANDOLPH	10,252	92	222	1	15	1	22	0	0	0	31
RITCHIE	5,028	63	160	0	16	0	3	1	0	0	23
ROANE	6,311	68	185	0	8	1	3	1	0	0	17
SUMMERS	4,150	34	246	1	17	1	3	1	0	0	26
TAYLOR	5,047	39	256	2	23	0	3	3	0	0	33
TUCKER	3,498	24	287	2	19	2	8	1	0	0	31
TYLER	4,686	37	254	1	28	3	2	1	0	0	35
UPSHUR	5,062	47	215	0	19	1	7	0	0	0	28
WAYNE	2,366	22	217	1	33	1	0	2	0	0	39
WEBSTER	663	12	114	2	23	3	7	2	0	0	36
WETZEL	2,720	27	201	0	64	1	12	1	0	0	33
WIRT	3,544	26	270	2	17	1	3	0	0	0	26
WOOD	8,390	54	309	8	24	2	2	15	0	0	50
WYOMING	446	3	327	0	13	1	3	2	0	0	22
TOTAL	399,322	2,694	296	2	23	2	8	2	5	4	41
WISCONSIN											
ADAMS	11,329	78	290	5	57	9	0	2	0	0	67
ASHLAND	9,385	58	324	1	10	0	0	0	0	0	82
BARRON	150,495	331	909	1	65	1	0	0	29	0	74
BAYFIELD	13,343	81	328	0	85	0	1	1	0	0	80
BROWN	94,550	214	884	3	91	3	0	1	0	0	88
BUFFALO	85,598	263	652	3	73	5	0	1	3	2	78
BURNETT	17,993	76	470	1	85	3	1	0	0	0	82
CALUMET	69,740	150	930	2	93	2	0	0	1	0	88
CHIPPewa	113,860	347	657	1	92	1	0	1	1	0	86
CLARK	152,259	407	748	0	92	2	0	2	2	0	87
COLUMBIA	93,638	319	588	14	60	12	2	1	0	0	79
CRAWFORD	55,921	229	488	2	75	8	1	0	0	0	77
DANE	197,392	546	723	7	77	10	1	1	0	0	84
DODGE	163,849	400	819	3	85	8	0	1	0	0	87
DOOR	37,712	132	573	1	91	3	0	0	0	0	86
DOUGLAS	11,534	62	371	1	47	1	1	2	0	0	59
DUNN	99,660	343	581	1	87	3	1	1	0	0	84
EAU CLAIRE	57,216	182	630	1	80	2	0	1	8	0	80
FLORENCE	3,085	19	327	1	78	1	0	0	0	0	74

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APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	TONS	1,000 ACRES	POUNDS PER ACRE	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING TURKEYS	RECOVERABLE
WISCONSIN													
FOND DU LAC	127,607	340	752	3	87	6	0	1	0	0	0	0	87
FOREST	4,636	22	413	25	72	0	0	2	0	0	0	0	70
GRANT	199,954	580	690	16	61	15	1	0	0	0	0	0	74
GREEN	133,121	306	870	5	83	9	0	0	0	0	0	0	85
GREEN LAKE	42,613	132	645	4	76	10	1	1	0	0	0	0	85
IOWA	117,190	349	671	14	73	7	1	0	0	0	0	0	78
IRON	2,037	12	352	15	73	0	0	0	0	0	0	0	80
JACKSON	48,878	173	564	8	79	4	1	1	3	1	1	1	82
JEFFERSON	82,336	239	688	6	78	5	0	7	0	0	0	0	85
JUNEAL	36,657	144	510	11	79	7	0	1	0	0	0	0	80
KENOSHA	24,633	93	527	4	74	6	1	8	3	0	0	0	86
KEWAUNEE	69,702	166	842	2	94	4	0	0	0	0	0	0	88
LA CROSSE	57,246	174	658	9	80	8	0	0	0	0	0	0	81
LAFAYETTE	132,588	355	747	12	67	14	1	0	0	0	0	0	78
LANGLADE	28,148	112	501	6	92	0	1	0	0	0	0	0	86
LINCOLN	27,597	111	496	7	90	2	0	1	0	0	0	0	85
MANITOWOC	106,440	249	853	2	92	3	0	1	0	0	0	0	88
MARATHON	192,734	535	721	3	92	2	0	0	2	0	0	0	87
MARINETTE	35,007	123	569	7	88	4	0	0	0	0	0	0	84
MARQUETTE	22,343	126	354	11	59	14	2	1	0	0	0	0	78
MILWAUKEE	1,670	14	242	11	76	3	0	3	0	0	0	0	81
MONROE	91,075	299	610	7	90	2	0	0	0	0	0	0	85
OCONTO	68,949	197	699	4	91	3	0	1	0	0	0	0	87
ONEIDA	1,257	32	78	33	63	4	0	1	0	0	0	0	63
OUTAGAMIE	112,793	256	883	2	90	5	0	0	0	0	0	0	88
OZAUKEE	27,054	83	654	5	86	5	0	1	0	0	0	0	85
PEPIN	26,791	91	591	8	85	5	0	0	0	0	0	0	83
PIERCE	73,567	257	571	12	75	6	1	1	0	0	0	0	79
POLK	88,887	322	553	9	84	2	1	0	4	0	0	0	81
PORTAGE	44,902	227	396	8	85	4	0	1	0	0	0	0	84
PRICE	23,160	89	520	8	90	0	0	1	0	0	0	0	84
RACINE	25,312	127	400	5	74	9	1	4	0	0	0	0	85
RICHLAND	73,467	270	543	13	76	3	1	1	4	0	0	0	77
ROCK	89,604	332	539	9	67	10	1	2	0	0	0	0	82
RUSK	42,851	154	555	6	93	1	0	0	0	0	0	0	85
ST. CROIX	94,851	316	599	10	78	4	1	1	4	0	0	0	80
SAUK	108,724	332	654	5	75	8	0	3	0	0	0	0	82
SAUYER	8,537	44	392	20	76	3	0	1	0	0	0	0	73
SHAWANO	110,645	276	803	3	94	2	0	0	0	0	0	0	88
SHEBOYGAN	80,328	198	811	4	88	4	0	1	0	0	0	0	86
TAYLOR	65,600	213	617	4	95	1	0	0	0	0	0	0	87
TREMPEALEAU	100,740	318	633	9	76	5	0	2	1	0	0	0	83
VERNON	112,366	355	634	9	87	2	1	0	0	0	0	0	83
VILAS	386	6	139	80	19	0	0	1	0	0	0	0	25
WALWORTH	65,058	239	546	7	78	7	1	2	0	0	0	0	84

CONTINUED--

APPENDIX TABLE 1--MANURE PRODUCTION OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	TOTAL MANURE PRODUCTION	CROPLAND AND PASTURELAND	RATIO OF MANURE TO LAND AREA	BEEF CATTLE	FEEDER CATTLE	DAIRY CATTLE	HOGS	SHEEP	LAYING HENS	TURKEYS	BROILERS	ECONOMICALLY RECOVERABLE	PERCENT OF TOTAL	
													TONS	PERCENT
	1,000 ACRES	POUNDS PER ACRE												
WISCONSIN														
WASHBURN	16,635	91	366	22	1	76	1	1	0	0	0	73		
WASHINGTON	56,300	149	755	3	2	88	5	0	1	0	0	87		
WAUKESHA	36,493	137	533	10	4	81	1	1	3	0	0	82		
WAUPACA	77,894	228	683	4	1	90	4	0	0	0	0	87		
WAUSHARA	32,349	160	403	5	4	82	5	1	3	0	0	86		
WINNEBAGO	56,243	170	660	4	3	88	3	0	2	0	0	87		
WOOD	62,367	201	620	7	1	89	3	0	0	0	0	84		
TOTAL	4,806,881	14,761	651	7	3	82	5	0	1	2	0	83		
WYOMING														
ALBANY	33,978	2,130	32	94	0	1	0	5	0	0	0	11		
BIG HORN	56,028	1,688	66	56	4	4	1	35	0	0	0	30		
CAMPBELL	79,818	3,260	49	64	0	1	0	35	0	0	0	23		
CARBON	93,625	4,992	38	66	0	0	0	33	0	0	0	23		
CONVERSE	64,600	2,805	46	58	0	1	0	40	0	0	0	26		
CROOK	52,589	1,809	58	75	0	2	1	21	0	0	0	20		
FREMONT	73,151	5,872	25	74	2	6	0	17	0	0	0	23		
GOSHEN	66,088	1,276	104	72	20	3	1	5	0	0	0	31		
HOT SPRINGS	20,966	1,522	28	90	0	1	0	9	0	0	0	13		
JOHNSON	66,861	2,551	52	57	0	1	0	42	0	0	0	26		
LARAMIE	45,924	1,670	55	74	5	3	1	17	0	0	0	23		
LINCOLN	46,359	1,557	60	57	0	15	0	28	0	0	0	32		
NATRONA	75,030	4,264	35	50	0	0	0	49	0	0	0	29		
NIobrARA	45,588	1,694	54	73	8	1	0	18	0	0	0	24		
PARK	61,954	1,160	107	49	30	1	2	18	0	0	0	45		
PLATTE	46,848	1,508	62	83	9	2	1	6	0	0	0	20		
SHERIDAN	58,829	1,463	80	84	1	4	0	11	0	0	0	17		
SUBLETTE	45,756	1,846	50	97	0	1	0	2	0	0	0	10		
SWEETWATER	30,410	6,282	10	31	0	0	0	69	0	0	0	37		
TETON	9,957	69	290	95	0	4	0	1	0	0	0	12		
UINTA	36,895	1,278	58	59	0	5	0	35	0	0	0	27		
WASHAKIE	42,696	1,376	62	43	6	1	0	50	0	0	0	35		
WESTON	37,516	1,789	42	73	18	1	0	8	0	0	0	29		
TOTAL	1,191,466	53,861	44	67	5	2	0	26	0	0	0	26		
U.S. TOTAL	99,629,979	1,203,171	166	41	16	24	9	3	3	2	2	52		

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
ALABAMA	TONS					
AUTAUGA	523	209	411	115	52	91
BALDWIN	772	303	691	195	80	170
BARBOUR	656	262	555	139	52	93
BIBB	245	94	195	69	24	37
BLOUNT	2,031	904	1,349	1,389	657	787
BULLOCK	471	193	420	40	18	32
BUTLER	707	267	498	331	120	170
CALHOUN	728	266	471	446	155	208
CHAMBERS	445	195	380	128	67	91
CHEROKEE	634	302	475	350	193	234
CHILTON	403	163	352	41	17	35
CHOCTAW	241	93	199	58	20	33
CLARKE	229	94	202	19	8	15
CLAY	672	270	454	416	171	221
CLEBURNE	690	247	360	534	185	223
COFFEE	1,380	483	814	878	293	400
COLBERT	632	232	438	274	90	129
CONECUH	397	154	348	68	25	61
COOSA	299	111	201	139	47	60
COVINGTON	1,002	381	694	424	155	215
CRENSHAW	931	366	606	537	215	280
CULLMAN	4,609	1,753	2,476	3,658	1,384	1,654
DALE	539	209	388	194	75	110
DALLAS	922	377	822	105	47	90
DE KALB	3,345	1,315	1,850	2,573	1,019	1,216
ELMORE	677	249	629	149	46	132
ESCAMBIA	390	153	319	113	44	83
ETOWAH	901	333	622	502	179	257
FAYETTE	277	106	241	67	28	63
FRANKLIN	1,413	505	853	882	300	407
GENEVA	1,089	411	755	510	183	272
GREENE	460	182	418	54	19	49
HALE	638	227	621	128	34	136
HENRY	654	264	517	170	81	145
HOUSTON	956	382	776	225	98	178
JACKSON	929	367	674	376	152	215
JEFFERSON	559	272	452	341	192	246
LAMAR	262	97	219	74	25	57
LAUDERDALE	858	332	711	195	74	147
LAWRENCE	1,635	641	1,028	996	387	473
LEE	378	168	329	87	51	70
LIMESTONE	725	285	659	173	74	162
LOWNDES	1,111	435	868	395	142	226
MACON	486	201	421	91	43	68
MADISON	1,016	414	888	226	107	200
MARENGO	776	306	719	63	19	66
MARION	534	199	380	229	81	122
MARSHALL	2,527	930	1,382	1,865	675	834
MOBILE	590	234	531	169	74	150
MCMROE	433	172	369	72	29	63
MONTGOMERY	1,407	530	1,316	247	77	232
MORGAN	1,448	551	962	820	304	410
PERRY	673	244	627	154	49	156
PICKENS	943	328	597	601	200	294
PIKE	961	388	745	349	148	215
RANDOLPH	277	110	249	38	16	35
RUSSELL	277	110	249	38	16	35
ST. CLAIR	741	268	482	437	149	204
SHELBY	702	273	546	385	158	253

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APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
ALABAMA						
TCNS						
SUMTER	544	222	489	42	16	32
TALLADEGA	666	246	506	257	84	137
TALLAPCOSA	274	119	225	91	45	57
TUSCALOOSA	444	174	365	135	53	91
WALKER	966	365	566	655	249	324
WASHINGTON	492	187	337	242	90	122
WILCOX	501	202	449	38	14	34
WINSTON	1,178	405	606	960	322	410
TOTAL	56,271	21,830	40,346	26,752	10,296	14,517
ALASKA						
ANCHORAGE AREA	99	27	118	87	24	106
KENAI-COOK IN SEWARD	5	1	5	2	0	2
FAIRBANKS AREA	18	7	16	11	6	11
ALEUTIAN IS AREA	162	62	213	53	19	78
TOTAL	284	97	352	153	49	197
ARIZONA						
APACHE	1,718	666	2,173	438	158	677
COCHISE	1,276	516	1,126	129	46	112
COCONINO	1,030	399	1,324	276	101	428
GILA	452	187	409	6	2	4
GRAHAM	996	386	737	343	126	197
GREENLEE	168	69	152	9	3	9
MARICOPA	8,034	2,569	6,815	6,723	2,059	5,184
MOHAVE	700	286	634	35	11	30
NAVAJO	1,683	650	2,029	496	190	698
PIMA	1,562	607	1,283	608	217	435
PINAL	5,432	1,840	3,064	4,642	1,529	2,254
SANTA CRUZ	498	195	388	139	45	64
YAVAPAI	951	394	860	59	24	54
YUMA	2,189	730	1,236	1,974	647	972
TOTAL	26,689	9,494	22,230	15,877	5,158	11,118
ARKANSAS						
ARKANSAS	132	53	116	12	5	10
ASHLEY	187	74	160	25	8	14
BAXTER	381	147	290	113	41	77
BENTON	5,275	1,921	3,044	3,567	1,262	1,697
BOONE	925	355	805	186	67	163
BRADLEY	739	304	462	416	189	252
CALHOUN	112	51	93	39	21	26
CARROLL	2,066	769	1,418	1,024	374	623
CHICOT	268	110	238	16	7	13
CLARK	360	147	321	46	21	37
CLAY	341	146	278	94	49	76
CLEBURNE	1,208	414	669	846	268	338
CLEVELAND	421	143	233	288	89	110

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
ARKANSAS	TONS					
COLUMBIA	639	250	412	395	152	187
CONWAY	1,117	397	709	602	195	292
CRAIGHEAD	217	97	173	70	40	54
CRAWFORD	940	331	569	564	178	230
CRITTENDEN	44	18	38	2	1	2
CROSS	150	60	131	16	7	13
DALLAS	99	47	87	23	16	19
DESHA	132	54	119	4	2	5
DREW	283	113	240	42	16	25
FAULKNER	875	334	837	170	61	171
FRANKLIN	1,417	510	917	710	237	400
FULTON	695	268	600	136	54	127
GARLAND	258	127	225	104	67	83
GRANT	199	84	178	43	23	39
GREENE	246	96	210	49	21	45
HEMPSTEAD	2,280	1,172	1,572	1,652	920	997
HOT SPRING	306	141	270	98	59	79
HOWARD	1,583	528	769	1,250	392	466
INDEPENDENCE	1,174	545	891	543	293	349
IZARD	608	226	418	259	86	115
JACKSON	305	129	252	91	46	70
JEFFERSON	429	182	324	141	72	103
JOHNSON	706	260	439	366	124	165
LAFAYETTE	578	210	396	261	81	112
LAWRENCE	436	172	380	70	29	65
LEE	180	73	162	15	6	12
LINCOLN	426	159	291	210	72	95
LITTLE RIVER	470	182	366	119	37	47
LOGAN	1,429	478	993	842	257	424
LONOKE	809	327	758	311	143	279
MADISON	2,389	864	1,386	1,632	568	748
MARION	370	140	338	55	17	53
MILLER	653	238	510	251	79	136
MISSISSIPPI	92	37	76	13	6	11
MONROE	48	19	43	4	1	4
MONTGOMERY	600	237	372	371	144	169
NEVADA	810	329	538	467	189	223
NEWTON	363	139	310	75	31	71
OUACHITA	418	177	253	300	130	146
PERRY	448	164	283	238	78	95
PHILLIPS	209	85	186	12	4	9
PIKE	1,073	422	591	816	316	359
POINSETT	115	47	96	15	6	11
POLK	1,972	656	970	1,585	503	622
POPE	1,992	818	1,173	1,305	550	686
PRAIRIE	176	65	171	41	14	43
PULASKI	281	111	262	46	18	46
RANDOLPH	660	272	516	158	79	129
ST. FRANCIS	161	65	139	15	7	13
SALINE	238	92	206	46	18	42
SCOTT	659	261	462	338	132	168
SEARCY	457	179	409	59	20	56
SEBASTIAN	581	227	475	189	70	111
SEVIER	1,351	462	728	930	288	345
SHARP	417	165	344	74	29	57
STONE	940	321	521	624	195	245
UNION	350	124	204	220	71	88
VAN BUREN	720	249	501	363	114	197
WASHINGTON	7,109	2,559	3,757	5,473	1,918	2,381
WHITE	1,406	714	1,192	652	416	499

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE			
	N	P	K	N	P	K	
ARKANSAS	TCNS						
WOCDRUFF	132	58	116	25	15	21	
YELL	2,238	866	1,291	1,593	606	716	
TOTAL	60,873	23,366	40,272	33,815	12,720	17,006	
CALIFORNIA							
ALAMEDA	546	214	462	126	41	72	
AMADOR	213	91	201	15	8	15	
BUTTE	551	240	512	144	76	128	
CALAVERAS	252	107	236	17	9	18	
COLUSA	373	145	474	103	38	155	
CONTRA COSTA	850	318	592	426	145	211	
DEL NORTE	41	16	39	0	0	1	
EL DORADO	260	106	254	84	35	77	
FRESNO	5,458	2,049	3,979	3,994	1,465	2,394	
GLENN	949	378	1,189	307	126	422	
HUMBOLDT	748	300	837	122	45	181	
IMPERIAL	8,674	2,891	5,221	7,817	2,565	4,024	
INYO	320	132	303	8	3	13	
KERN	5,586	1,929	5,514	3,596	1,148	3,120	
KINGS	1,531	569	1,265	1,131	412	770	
LAKE	162	69	163	26	13	29	
LASSEN	765	316	717	22	9	39	
LOS ANGELES	2,228	770	1,871	1,637	542	1,386	
MADERA	2,496	947	1,773	1,703	623	995	
MARIN	225	89	251	47	17	62	
MARIPOSA	430	172	344	161	62	101	
MENDOCINO	758	291	972	232	85	336	
MERCED	6,321	2,310	3,483	5,144	1,834	2,351	
MODOC	1,391	571	1,298	65	22	69	
MONTECALA	103	41	118	17	6	26	
MONTEREY	2,537	916	1,582	1,646	553	777	
NAPA	318	149	264	129	71	88	
NEVADA	107	42	125	20	7	31	
ORANGE	480	260	432	386	221	333	
PLACER	663	294	531	327	154	217	
PLUMAS	155	65	141	2	0	2	
RIVERSIDE	8,502	3,431	7,432	7,691	3,112	6,492	
SACRAMENTO	1,346	541	1,017	730	290	421	
SAN BENITO	556	240	466	153	73	97	
SAN BERNARDINO	8,897	3,166	9,069	7,938	2,787	7,971	
SAN DIEGO	3,580	2,029	3,076	3,240	1,891	2,723	
SAN JOAQUIN	2,586	1,394	2,214	1,607	1,001	1,227	
SAN LUIS OBISPO	1,682	652	1,464	473	159	365	
SAN MATEO	111	45	105	4	1	6	
SANTA BARBARA	2,408	880	1,784	1,578	539	977	
SANTA CLARA	736	366	572	363	212	233	
SANTA CRUZ	117	54	96	52	29	36	
SHASTA	538	221	492	26	11	27	
SIERRA	174	72	157	0	0	0	
SISKIYOU	1,034	424	980	60	24	71	
SOLANO	980	378	1,374	370	143	554	
SONOMA	1,972	966	1,897	1,268	690	1,062	
STANISLAUS	3,923	2,064	2,804	3,012	1,691	1,987	
SUTTER	285	113	350	79	33	114	
TEHAMA	1,437	572	1,598	249	91	355	
TRINITY	67	27	68	7	3	10	

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
CALIFORNIA	TCNS					
TULARE	3,359	1,255	2,147	2,156	768	1,095
TUOLUMNE	196	82	181	12	6	12
VENTURA	2,186	1,226	1,834	1,875	1,104	1,478
YOLA	643	239	714	315	112	309
YUBA	514	201	605	118	44	170
TOTAL	93,320	37,425	77,639	62,830	25,149	46,226
COLORADO						
ADAMS	1,521	602	1,120	986	399	687
ALAMOSA	672	274	615	88	31	85
ARAPAHOE	240	93	229	62	20	65
ARCHULETA	112	45	113	18	6	21
BACA	976	380	755	341	118	187
BENT	895	340	679	391	137	231
BOULDER	509	201	459	322	128	277
CHAFFEE	111	41	111	43	13	48
CHEYENNE	553	226	488	78	31	65
CONEJOS	839	328	894	256	96	288
COSTILLA	142	57	151	27	11	35
CROWLEY	868	308	536	593	198	300
CUSTER	174	71	160	20	7	20
DELTA	1,013	380	1,073	388	131	411
DENVER	0	0	0	0	0	0
DOLORES	82	32	87	17	6	22
DOUGLAS	267	105	241	60	22	61
EAGLE	330	132	372	71	28	99
ELBERT	700	278	616	191	72	171
EL PASO	833	320	754	247	85	251
FREMONT	301	109	296	118	36	130
GARFIELD	822	323	934	208	77	277
GRAND	300	124	279	31	13	33
GUNNISON	645	259	665	120	45	142
HINSDALE	14	6	13	1	0	2
HUERFANO	343	139	316	48	17	50
JACKSON	484	198	436	55	20	47
JEFFERSON	109	37	112	50	13	57
KICWA	469	192	420	60	23	49
KIT CARSON	1,708	623	1,196	962	319	532
LA PLATA	608	237	621	150	52	176
LARIMER	2,015	708	2,061	1,154	381	1,117
LAS ANIMAS	347	134	360	94	31	113
LINCOLN	1,029	408	848	293	107	187
LOGAN	3,435	1,205	1,982	2,546	849	1,225
MESA	1,541	578	1,613	528	176	605
MINERAL	7	3	7	1	0	1
MOFFAT	1,198	460	1,585	394	145	584
MONTEZUMA	521	203	587	139	48	183
MONTROSE	1,385	520	1,568	538	188	626
MORGAN	3,836	1,364	2,329	2,660	932	1,495
OTERO	1,283	453	791	910	306	468
OURAY	171	70	161	21	7	22
PARK	132	54	122	12	5	12
PHILLIPS	371	132	269	237	82	161
PITKIN	73	30	67	14	5	14
PROWERS	1,653	595	1,032	1,077	360	515
PUEBLO	907	325	705	488	156	328

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
COLORADO						
	TONS					
RIO BLANCO	707	280	806	159	59	220
RIO GRANDE	500	195	547	148	56	178
ROUTT	851	331	1,081	258	96	376
SAGUACHE	570	231	574	190	39	118
SAN MIGUEL	341	131	444	107	39	157
SEDGWICK	365	135	247	194	67	101
SUMMIT	29	12	26	2	1	2
TELLER	45	18	40	6	2	5
WASHINGTON	1,003	391	810	332	124	245
WELD	14,710	5,140	10,381	11,160	3,771	6,934
YUMA	1,903	726	1,533	723	248	491
TOTAL	57,568	21,292	47,317	30,297	10,434	21,302
CONNECTICUT						
FAIRFIELD	109	38	124	95	32	110
HARTFORD	447	145	508	387	127	448
LITCHFIELD	785	216	942	683	184	833
MIDDLESEX	237	117	226	217	111	205
NEW HAVEN	312	103	353	269	90	312
NEW LONDON	1,421	759	1,280	1,335	733	1,198
TOLLAND	458	138	533	405	122	478
WINDHAM	952	355	1,016	870	330	926
TOTAL	4,721	1,871	4,982	4,261	1,729	4,510
DELAWARE						
KENT	670	210	538	564	175	454
NEW CASTLE	264	86	286	215	70	241
SUSSEX	1,894	675	1,028	1,503	539	806
TOTAL	2,828	971	1,852	2,282	784	1,501
FLORIDA						
ALACHUA	938	407	828	185	104	157
BAKER	371	141	229	284	110	148
BAY	29	10	25	7	3	7
BRADFORD	550	245	348	380	177	197
BREVARD	538	225	489	26	14	23
BROWARD	441	145	449	167	51	173
CALHOUN	113	44	101	18	6	17
CHARLOTTE	292	115	271	17	4	19
CITRUS	184	88	158	46	31	34
CLAY	894	276	880	466	146	416
COLLIER	477	200	432	4	3	3
COLUMBIA	703	333	562	281	167	207
DADE	141	47	137	54	17	55
DE SOTO	830	342	754	82	35	67
DIXIE	115	47	99	8	4	6
DUVAL	1,044	316	1,024	527	160	494
ESCAMBIA	292	106	286	101	38	99

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
FLORIDA						
TONS						
FLAGLER	152	61	139	6	1	7
GADSDEN	549	243	438	213	112	159
GILCHRIST	312	124	267	59	23	46
GLADES	1,077	410	1,027	116	27	126
GULF	101	42	92	1	0	1
HAMILTON	374	143	247	185	70	93
HARDEE	1,075	427	1,002	61	15	67
HENDRY	1,530	628	1,388	45	14	36
HERNANDO	930	450	674	685	352	448
HIGHLANDS	1,658	624	1,589	207	52	225
HILLSBOROUGH	2,926	1,327	2,736	1,551	843	1,351
HOLMES	481	175	355	194	64	105
INDIAN RIVER	407	155	389	42	10	47
JACKSON	1,148	465	976	313	146	268
JEFFERSON	293	100	279	87	26	87
LAFAYETTE	897	281	652	585	176	341
LAKE	529	228	491	158	85	140
LEE	260	100	242	22	6	23
LECN	198	79	184	26	10	26
LEVY	669	279	585	62	31	45
LIPERTY	24	9	20	2	1	2
MADISON	762	298	531	311	124	173
MANATEE	1,389	508	1,354	213	50	235
MARION	1,353	548	1,225	143	54	119
MARTIN	677	250	657	94	22	104
NASSAU	767	280	708	477	193	391
OKALOOSA	234	91	173	84	31	42
ORKEECHOBEE	3,212	1,001	3,374	1,010	237	1,121
ORANGE	642	316	564	348	210	290
OSCEOLA	1,882	779	1,729	177	83	159
PALM BEACH	1,431	513	1,407	250	58	275
PASCO	1,585	781	1,407	767	469	627
PINELLAS	107	33	112	35	9	39
POLK	1,753	737	1,611	357	179	315
PUTNAM	349	144	325	87	43	79
ST JOHNS	143	51	140	29	7	31
ST LUCIE	682	261	648	69	16	76
SANTA ROSA	204	89	172	60	32	45
SARASOTA	459	186	424	36	16	36
SEMINOLE	169	68	161	44	20	42
SUMTER	683	289	619	83	44	68
SUWANNEE	1,370	501	851	778	270	356
TAYLOR	148	57	108	49	16	20
UNION	258	113	202	94	48	64
VOLUSIA	702	357	622	390	241	321
WAKULLA	39	15	30	9	4	8
WALTON	342	123	247	164	55	91
WASHINGTON	267	103	241	60	23	56
TOTAL	45,151	17,929	40,486	13,491	5,688	10,948
GEORGIA						
APPLING	954	382	676	589	255	399
ATKINSON	644	256	350	509	205	251
BACON	458	221	316	315	167	205
BAKER	276	114	224	77	36	63
BALDWIN	119	45	97	34	10	20

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
GEORGIA	TONS					
BANKS	692	257	366	539	197	237
BARROW	777	293	408	632	235	279
BARTOW	672	225	383	516	168	243
BEN HILL	196	92	166	77	45	62
BERRIEN	490	199	385	165	71	120
BIBB	154	52	131	72	22	53
BLECKLEY	314	130	247	117	56	98
BRANTLEY	304	191	234	229	162	171
BROOKS	808	322	621	383	166	296
BRYAN	51	22	43	16	8	13
BULLOCH	1,028	440	803	467	235	387
BURKE	355	133	315	111	40	93
BUTTS	104	43	97	20	9	18
CALHCUN	181	75	153	32	16	26
CAMDEN	69	33	53	32	19	25
CANDLER	531	300	406	356	235	271
CARROLL	946	335	603	584	193	268
CATOOSA	360	120	256	213	66	113
CHARLTON	220	144	166	185	130	138
CHATHAM	64	21	63	21	7	21
CHATTAHOOCHEE	7	3	6	0	0	0
CHATTOOGA	325	151	281	107	65	86
CHEROKEE	1,534	575	769	1,301	482	565
CLARKE	193	72	129	118	44	60
CLAY	186	75	165	34	13	30
CLAYTON	47	19	40	6	2	3
CLINCH	93	32	44	78	26	31
COBB	187	68	117	112	37	49
COFFEE	1,612	809	1,170	1,083	617	776
COLQUITT	1,234	506	1,007	444	209	378
COLUMBIA	112	46	105	14	6	15
COOK	308	149	239	151	89	115
COWETA	250	92	240	57	18	59
CRAWFORD	136	48	119	46	15	36
CRISP	170	71	135	56	27	46
DADE	126	47	85	57	18	24
DAWSON	590	225	286	526	199	231
DECATUR	753	329	608	275	146	227
DE KALB	60	19	64	18	4	21
DCDGE	553	255	428	261	146	213
DCCLY	299	114	269	96	39	91
DOUGHERTY	211	85	173	56	22	35
DOUGLAS	118	65	81	94	55	59
EARLY	549	229	456	136	65	106
ECHOLS	42	18	34	11	5	9
EFFINGHAM	190	79	153	77	36	66
ELBERT	275	112	226	110	47	74
EMANUEL	485	204	396	174	85	144
EVANS	198	95	146	105	59	73
FANNIN	63	24	59	15	6	14
FAYETTE	169	77	149	42	26	33
FLOYD	441	173	373	144	57	99
FORSYTH	1,704	653	853	1,487	566	657
FRANKLIN	1,097	407	615	785	282	352
FULTON	221	88	174	59	21	27
GILMER	412	151	235	313	113	148
GLASCOCK	57	24	48	12	5	11
GLYNN	37	16	31	10	5	9
GORDON	1,268	474	692	1,000	369	446
GRADY	973	435	752	438	235	356

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
GEORGIA	TONS					
GREENE	485	209	439	283	141	230
GWINNETT	377	138	237	238	84	109
HABERSHAM	1,038	384	510	895	326	381
HALL	2,495	1,013	1,379	2,140	882	1,063
HANCOCK	132	53	123	28	12	27
FARALSON	297	108	198	156	50	68
FARRIS	124	49	113	14	5	14
HART	611	244	445	324	130	183
HEARD	128	49	107	40	14	26
HENRY	239	91	230	50	19	50
HOUSTON	264	100	243	78	30	71
IRWIN	538	231	422	205	104	167
JACKSON	1,878	709	986	1,537	573	683
JASPER	482	190	351	306	123	179
JEFF DAVIS	336	170	253	212	126	162
JEFFERSON	418	160	352	179	73	147
JENKINS	547	187	538	247	88	241
JOHNSON	317	138	247	129	67	107
JONES	290	89	254	150	42	110
LAMAR	207	74	176	70	22	46
LANIER	115	42	71	71	25	37
LAURENS	838	361	663	340	174	282
LEE	348	140	300	105	46	88
LIBERTY	29	11	28	8	3	8
LINCOLN	150	68	130	41	24	33
LONG	59	25	44	26	13	20
LOWNDES	387	158	332	132	60	113
LUMPKIN	947	386	501	808	332	391
MC DUFFIE	118	48	110	26	13	24
MCINTOSH	22	10	23	9	4	10
MACON	454	164	393	191	66	141
MADISON	933	315	471	735	236	293
MARION	280	116	179	188	79	96
MERIWETHER	369	140	343	65	21	61
MILLER	510	213	408	155	75	127
MITCHELL	707	282	587	206	85	155
MONROE	354	101	384	138	32	153
MONTGOMERY	266	110	203	107	52	87
MORGAN	873	276	806	464	145	379
MURRAY	385	151	227	287	113	137
MUSCOGEE	24	10	21	4	2	4
NEWTON	326	127	282	135	54	99
OCONEE	635	236	381	397	143	216
OGLETHORPE	946	327	494	696	228	297
PAULDING	476	155	230	379	115	141
PEACH	111	38	109	29	7	30
PICKENS	587	190	260	508	157	189
PIERCE	690	333	519	429	240	323
PIKE	194	74	163	42	13	22
PCLK	266	96	224	109	37	75
PULASKI	156	65	127	44	19	33
PUTNAM	624	172	691	304	80	329
QUITMAN	45	19	42	1	1	1
RABUN	167	56	89	128	39	53
RANDOLPH	273	116	223	79	40	63
RICHMOND	104	48	88	50	28	41
ROCKDALE	55	20	53	7	2	8
SCHLEY	163	66	133	70	30	53
SCREVEN	653	270	526	251	120	211
SEMINOLE	401	170	326	117	59	95

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K

GEORGIA	TONS					
SPALDING	214	83	199	44	18	42
STEPHENS	303	118	176	234	90	110
STEWART	159	66	129	45	22	38
SUMTER	876	339	704	358	136	247
TALBOT	123	49	113	12	4	11
TALIAFERRO	108	40	106	42	17	39
TATNALL	976	425	640	641	300	389
TAYLOR	274	126	195	160	81	99
TELFAIR	694	401	526	477	319	363
TERRELL	196	79	171	32	15	27
THOMAS	578	231	483	207	90	172
TIFT	472	211	383	174	97	141
TOOMBS	445	191	349	189	97	157
TOWNS	144	81	115	98	65	76
TREUTLEN	191	78	150	71	34	60
TROUP	205	71	206	44	10	48
TURNER	377	155	307	129	58	100
TWIGGS	87	35	73	27	12	24
UNION	194	101	162	99	64	77
UPSON	272	105	206	110	40	58
WALKER	448	165	354	167	55	96
WALTON	427	161	317	207	75	112
WARE	282	136	196	179	97	120
WARREN	227	86	204	65	24	59
WASHINGTON	433	173	369	159	72	141
WAYNE	270	111	220	97	46	81
WEBSTER	145	60	115	51	25	43
WHEELER	330	159	250	172	101	136
WHITE	915	355	465	802	311	362
WHITFIELD	531	206	302	399	153	182
WILCOX	263	108	224	67	31	57
WILKES	615	239	512	232	91	178
WILKINSON	161	64	116	74	29	41
WORTH	767	313	640	257	118	218
TOTAL	66,997	26,971	47,978	37,482	15,734	22,730

HAWAII						
HAWAII	1,631	668	1,370	332	133	211
HONOLULU	1,308	514	1,150	1,014	408	926
KAUAI	190	79	170	38	17	37
MAUI	583	238	514	100	43	96
TOTAL	3,712	1,499	3,204	1,484	601	1,270

IDAHO						
ADA	1,368	447	1,458	865	255	972
ACAMS	247	97	216	60	19	46
BANNOCK	563	212	568	210	71	231
BEAR LAKE	771	282	833	274	80	334
BENEWAH	100	39	86	20	8	18
BINGHAM	2,282	818	2,375	1,078	341	1,093
BLAINE	681	257	866	250	90	345
BOISE	86	35	76	12	4	11

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TONS						
IDAHO						
BONNER	298	110	288	98	31	109
BONNEVILLE	1,019	373	1,109	411	132	472
BOUNDARY	177	64	170	62	19	69
BUTTE	491	186	566	163	54	211
CAMAS	197	77	214	42	15	54
CANYON	2,418	787	1,947	1,812	553	1,384
CARIBOU	786	290	868	273	83	338
CASSIA	1,918	673	1,733	1,050	326	867
CLARK	331	132	361	66	25	89
CLEARWATER	132	52	120	33	12	33
CUSTER	706	287	705	106	41	126
ELMORE	958	358	796	458	152	299
FRANKLIN	846	279	917	633	203	711
FREMONT	756	271	795	352	111	360
GEM	607	212	630	265	75	298
GOODING	1,496	517	1,498	854	263	829
IDAHO	882	351	855	210	81	230
JEFFERSON	1,122	399	1,183	482	145	536
JEROME	1,103	372	1,017	672	202	586
KOOTENAI	193	74	182	67	24	70
LATAH	302	119	264	82	33	77
LEMHI	789	319	751	132	48	134
LEWIS	135	55	118	22	7	16
LINCOLN	587	192	629	328	92	373
MADISON	482	171	502	227	66	255
MINIDOKA	1,730	586	1,636	1,207	386	1,005
NEZ PERCE	420	166	367	109	39	90
ONEIDA	471	183	466	115	36	125
OWYHEE	1,253	478	1,218	347	108	362
PAYETTE	764	257	765	390	108	416
POWER	615	228	444	327	109	177
SHOSHONE	19	7	18	8	2	9
TETON	266	94	289	106	29	129
TWIN FALLS	2,077	746	2,146	863	260	931
VALLEY	64	25	60	11	4	12
WASHINGTON	804	304	826	240	76	276
TOTAL	33,312	11,981	32,931	15,392	4,818	15,108
ILLINOIS						
ADAMS	2,916	1,195	2,269	1,515	689	1,316
ALEXANDER	107	43	90	40	18	36
BOND	987	380	834	602	245	579
BOONE	744	237	745	571	180	609
BROWN	855	361	659	394	191	332
BUREAU	2,128	876	1,566	1,233	562	997
CALHOUN	709	305	533	347	173	291
CARROLL	2,340	882	1,851	1,591	616	1,328
CASS	815	341	596	414	196	331
CHAMPAIGN	578	247	468	328	155	280
CHRISTIAN	685	285	525	324	150	263
CLARK	800	333	607	407	191	345
CLAY	489	211	385	226	112	191
CLINTON	1,541	552	1,550	1,213	445	1,302
COLES	558	231	425	301	138	253
COOK	83	31	70	43	16	37
CRAWFORD	535	229	407	294	142	245

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
ILLINOIS	TONS					
CUMBERLAND	626	251	497	354	153	313
DE KALB	1,659	658	1,193	1,221	509	921
DE WITT	349	149	283	163	79	135
DOUGLAS	450	186	350	270	123	234
DU PAGE	58	20	55	41	14	41
EDGAR	865	367	652	450	215	360
EDWARDS	763	325	570	396	192	326
EFFINGHAM	1,125	411	1,036	719	265	733
FAYETTE	874	348	732	439	187	404
FORD	475	192	368	284	125	237
FRANKLIN	414	173	326	187	88	158
FULTON	1,576	655	1,222	732	338	591
GALLATIN	268	112	201	122	59	99
GREENE	1,855	766	1,341	1,033	469	796
GRUNDY	243	97	203	141	60	127
HAMILTON	432	181	333	199	95	168
HANCOCK	2,339	970	1,762	1,191	551	971
HARDIN	147	61	128	30	14	28
HENDERSON	1,198	496	892	599	274	472
HENRY	4,563	1,889	3,269	2,709	1,244	2,141
IROQUOIS	1,259	541	1,054	842	387	738
JACKSON	525	213	438	245	107	222
JASPER	835	337	658	463	203	412
JEFFERSON	625	255	502	289	127	249
JERSEY	952	389	735	492	220	414
JO DAVIESS	2,605	893	2,528	1,662	549	1,781
JOHNSON	486	201	382	197	91	161
KANE	1,056	361	943	823	282	772
KANKAKEE	425	168	373	278	114	262
KENDALL	701	311	507	502	242	381
KNOX	2,388	987	1,793	1,239	569	1,009
LAKE	308	142	290	231	114	222
LA SALLE	1,376	552	1,095	807	345	675
LAWRENCE	328	134	269	155	69	138
LEE	1,296	506	991	851	351	693
LIVINGSTON	1,258	555	972	778	385	649
LOGAN	849	362	643	475	226	384
MC DONOUGH	1,518	631	1,172	713	332	587
MC HENRY	1,542	498	1,597	1,224	392	1,336
MC LEAN	1,451	612	1,148	849	392	715
MACON	325	136	265	161	78	141
MACOUPIN	1,885	762	1,456	1,029	449	847
MADISON	1,112	416	987	690	264	678
MARION	619	245	527	302	125	279
MARSHALL	659	269	503	352	157	284
MASON	427	179	328	197	93	163
MASSAC	496	204	396	201	91	170
MENARD	690	287	508	356	164	280
MERCER	2,135	889	1,595	1,092	510	889
MONROE	818	349	631	485	233	422
MONTGOMERY	1,237	497	969	667	290	568
MORGAN	1,540	645	1,152	770	362	621
MOULTRIE	314	130	253	172	80	155
OGLE	2,572	978	2,046	1,741	680	1,455
PEORIA	826	336	671	408	179	352
PERRY	561	225	459	267	114	238
PIATT	230	94	182	122	53	97
PIKE	3,506	1,478	2,575	1,780	860	1,464
POPE	330	137	273	129	59	110
PULASKI	252	102	196	111	48	90

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
ILLINOIS						
TONS						
PLTNAM	298	122	223	172	76	140
RANDOLPH	1,030	392	896	569	222	549
RICHLAND	431	178	342	216	98	187
ROCK ISLAND	1,274	523	982	671	306	572
ST. CLAIR	903	363	751	562	243	520
SALINE	295	125	237	111	53	90
SANGAMON	1,296	551	1,000	669	325	563
SCHUYLER	1,149	482	872	531	254	435
SCOTT	669	284	497	329	160	267
SHELBY	888	352	727	472	200	421
STARK	582	240	440	327	149	273
STEPHENSON	3,398	1,117	3,316	2,531	834	2,706
TAZEWELL	1,012	423	790	539	252	458
UNION	481	195	413	194	82	177
VERMILION	709	283	549	423	178	345
WABASH	326	131	249	180	79	151
WARREN	1,886	783	1,390	1,000	461	788
WASHINGTON	1,194	432	1,116	829	306	857
WAYNE	919	376	732	417	187	358
WHITE	518	217	401	236	113	194
WHITESIDE	2,280	892	1,749	1,474	608	1,216
WILL	714	304	625	531	239	494
WILLIAMSON	282	115	237	110	46	97
WINNEBAGO	1,186	410	1,097	826	285	822
WOODFORD	1,106	457	876	643	288	534
TOTAL	104,292	41,799	83,562	59,832	25,703	52,307
INDIANA						
ADAMS	1,388	577	1,151	992	446	916
ALLEN	1,277	524	1,037	850	379	764
BARTHLOMEW	560	222	441	319	133	264
BENTON	380	153	311	198	86	175
BLACKFORD	317	128	250	194	85	170
BOONE	971	405	762	495	230	423
BROWN	66	26	61	27	11	28
CARROLL	2,423	1,095	1,751	1,464	770	1,208
CASS	981	396	785	571	251	510
CLARK	462	177	415	223	85	215
CLAY	529	214	429	296	131	269
CLINTON	1,175	494	864	652	312	549
CRAWFORD	330	134	269	128	53	107
DAVISS	1,954	779	1,512	1,171	500	1,044
DEARBORN	357	134	337	175	63	181
DECATUR	1,395	563	1,040	842	369	689
DE KALB	570	195	549	396	136	414
DELAWARE	701	278	564	430	181	380
DUBOIS	2,633	1,175	1,816	1,573	787	1,225
ELKHART	1,583	589	1,464	1,225	467	1,207
FAYETTE	727	299	559	383	175	326
FLOYD	159	60	133	84	30	69
FOUNTAIN	590	246	463	272	129	230
FRANKLIN	936	370	780	535	225	496
FULTON	989	379	851	632	254	610
GIBSON	910	371	673	498	223	415
GRANT	947	409	737	606	290	513
GREENE	722	283	623	319	128	298

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
INDIANA	TONS					
HAMILTON	834	349	656	455	215	399
HANCOCK	481	196	387	241	108	211
HARRISON	1,089	433	882	608	249	510
HENDRICKS	822	321	690	454	188	423
HENRY	850	343	679	455	198	393
HOWARD	756	315	574	459	213	398
HUNTINGTON	747	307	609	463	208	427
JACKSON	1,203	547	959	769	388	654
JASPER	1,406	616	1,016	880	431	686
JAY	676	259	574	427	170	404
JEFFERSON	443	166	405	208	74	209
JENNINGS	816	465	641	575	375	456
JOHNSON	555	208	462	345	131	302
KNOX	1,043	430	789	557	256	464
KOSCIUSKO	1,891	852	1,551	1,316	652	1,156
LAGRANGE	1,797	707	1,617	1,346	557	1,312
LAKE	338	123	315	228	83	227
LA PORTE	636	219	610	445	152	459
LAWRENCE	726	295	624	272	114	245
MADISON	660	268	523	360	160	312
MARION	196	69	189	124	41	129
MARSHALL	1,121	412	1,013	807	304	786
MARTIN	431	177	327	207	92	170
MIAMI	1,046	410	854	651	274	599
MONROE	285	110	253	124	47	116
MONTGOMERY	1,469	608	1,118	773	360	655
MORGAN	482	197	392	235	105	207
NEWTON	481	198	365	245	110	189
NOBLE	978	362	904	698	266	694
OHIO	154	60	140	69	25	67
ORANGE	638	253	548	338	139	315
OWEN	428	173	358	178	76	160
PARKE	639	264	496	312	143	262
PERRY	403	163	340	176	77	165
PIKE	415	170	291	210	94	165
PORTER	350	135	302	200	81	191
POSEY	462	186	370	241	104	210
PULASKI	792	319	628	469	207	419
PUTNAM	1,125	452	912	587	254	528
RANDOLPH	1,010	409	809	597	264	537
RIPLEY	770	330	639	429	203	384
RUSH	1,531	616	1,176	915	402	788
ST. JOSEPH	610	239	550	439	180	432
SCOTT	190	72	174	85	31	87
SHELBY	713	291	578	406	180	359
SPENCER	1,302	519	948	669	284	560
STARKE	273	117	226	179	85	163
STEBEN	675	242	682	498	179	532
SULLIVAN	394	162	317	186	83	161
SWITZERLAND	318	112	308	178	58	191
TIPPECANOE	817	343	633	425	199	357
TIPTON	557	251	412	330	171	268
UNION	667	272	504	380	173	324
VANDEBURGH	163	65	146	100	42	100
VERMILLION	269	109	212	125	53	98
VIGO	330	138	271	172	80	154
WABASH	1,662	739	1,294	1,142	562	974
WARREN	350	145	292	135	64	117
WARRICK	362	142	303	202	81	190
WASHINGTON	1,357	519	1,145	752	293	686

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
INDIANA						
TONS						
WAYNE	1,172	440	1,021	701	272	684
WELLS	768	305	643	514	220	484
WHITE	1,217	510	918	680	319	572
WHITLEY	807	320	712	561	234	534
TOTAL	73,980	30,219	59,903	43,857	19,362	39,105
IOWA						
ADAIR	2,475	1,010	1,965	1,171	518	982
ADAMS	1,566	645	1,221	698	314	560
ALLAMAKEE	3,067	1,080	2,916	1,890	649	1,995
APPANOOSE	1,047	425	931	334	143	311
AUDUBON	2,330	946	1,738	1,358	589	1,049
BENTON	3,081	1,248	2,346	1,739	760	1,414
BLACK HAWK	2,131	837	1,673	1,344	559	1,161
BOONE	1,616	685	1,206	947	443	743
BREMER	2,032	729	1,818	1,398	512	1,391
BUCHANAN	2,548	989	2,081	1,575	650	1,444
BUENA VISTA	2,590	1,063	1,830	1,559	702	1,203
BUTLER	2,475	579	1,990	1,517	643	1,363
CALHOUN	1,729	718	1,253	1,010	461	782
CARROLL	3,873	1,575	2,693	2,486	1,085	1,828
CASS	2,380	963	1,790	1,304	560	998
CEDAR	3,660	1,502	2,741	2,074	939	1,705
CERRO GORDO	1,865	776	1,388	1,087	501	902
CHERCKEE	3,133	1,249	2,187	2,064	863	1,479
CHICKASAW	2,029	783	1,720	1,245	502	1,166
CLARKE	1,221	504	1,010	424	190	364
CLAY	1,950	801	1,434	1,212	534	923
CLAYTON	4,693	1,685	4,266	3,019	1,100	3,088
CLINTON	3,644	1,464	2,674	2,247	964	1,748
CRAWFORD	3,616	1,476	2,739	2,005	882	1,593
DALLAS	1,467	602	1,092	797	355	617
DAVIS	1,458	577	1,345	609	250	604
DECATUR	1,328	539	1,151	403	170	364
DELAWARE	4,758	1,798	4,017	3,082	1,231	2,976
DES MOINES	1,128	467	865	573	260	463
DICKINSON	1,397	559	1,060	839	354	655
DUBUQUE	4,475	1,599	4,037	3,029	1,100	3,038
EMMET	1,102	451	798	675	295	500
FAYETTE	3,742	1,392	3,346	2,496	956	2,463
FLOYD	1,484	594	1,168	884	379	759
FRANKLIN	2,410	1,020	1,777	1,460	686	1,176
FREMONT	941	383	719	450	195	341
GREENE	1,659	687	1,223	919	419	715
GRUNDY	2,150	858	1,620	1,354	578	1,098
GUTHRIE	1,874	780	1,471	880	400	708
HAMILTON	2,620	1,065	1,699	1,612	708	1,172
HANCOCK	2,109	862	1,573	1,255	566	1,042
HARDIN	2,708	1,117	1,956	1,691	756	1,292
HARRISON	1,647	663	1,260	869	371	679
HENRY	1,664	687	1,229	873	398	701
HOWARD	1,837	680	1,647	1,128	424	1,122
HUMBOLDT	1,288	532	967	783	354	638
IDA	2,060	826	1,483	1,282	543	950
IOWA	2,830	1,159	2,157	1,459	653	1,189
JACKSON	3,355	1,278	2,812	1,940	756	1,758

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
IOWA	TCNS					
JASPER	3,389	1,382	2,587	1,840	818	1,514
JEFFERSON	1,365	564	1,082	650	300	555
JOHNSON	3,170	1,315	2,454	1,739	804	1,490
JONES	3,561	1,403	2,788	2,138	897	1,829
KECKUK	2,951	1,225	2,242	1,505	704	1,262
KOSSUTH	3,398	1,397	2,495	2,121	955	1,709
LEE	1,600	638	1,298	890	379	785
LINN	2,427	960	1,987	1,367	576	1,240
LOUISA	1,092	456	814	558	262	449
LUCAS	1,257	519	1,054	454	205	392
LYCN	3,401	1,306	2,651	2,261	899	1,856
MADISON	1,862	771	1,483	802	366	662
MAHASKA	3,145	1,307	2,328	1,812	833	1,468
MARION	2,415	983	1,904	1,315	588	1,140
MARSHALL	2,025	829	1,534	1,109	489	861
MILLS	1,062	426	768	638	266	460
MITCHELL	2,170	858	1,724	1,384	583	1,216
MONONA	1,618	651	1,202	921	391	691
MONROE	1,132	463	958	416	184	372
MONTGOMERY	1,516	617	1,128	822	360	631
MUSCATINE	1,782	726	1,374	971	433	824
O'BRIEN	3,103	1,232	2,202	2,186	913	1,624
OSCEOLA	1,843	721	1,381	1,280	523	996
PAGE	1,955	803	1,469	989	442	770
PALO ALTO	1,719	707	1,246	1,061	477	828
PLYMOUTH	5,271	2,130	3,813	3,248	1,407	2,476
PCCAHONTAS	1,856	776	1,317	1,170	536	892
PCLK	927	380	735	478	213	402
POTTAWATTAMIE (E)	3,717	1,482	2,584	2,465	1,023	1,715
POWESHIEK	2,507	1,022	1,960	1,235	549	1,036
RINGGOLD	1,630	661	1,337	656	284	565
SAC	3,337	1,348	2,368	2,154	923	1,578
SCOTT	2,400	973	1,819	1,448	639	1,214
SHELBY	2,825	1,146	2,077	1,653	719	1,269
SICUX	6,788	2,608	4,959	5,056	2,016	3,886
STORY	1,748	718	1,291	1,042	468	836
TAMA	2,799	1,146	2,133	1,515	675	1,225
TAYLOR	1,578	654	1,270	636	291	526
UNION	1,454	597	1,165	604	268	500
VAN BUREN	1,337	551	1,115	533	242	471
WAPELLO	1,057	437	844	492	225	415
WARREN	1,797	735	1,460	784	349	681
WASHINGTON	3,505	1,478	2,551	1,917	921	1,566
WAYNE	1,475	599	1,244	533	227	462
WEBSTER	1,639	752	1,220	1,017	531	818
WINNEBAGO	1,158	468	893	697	309	609
WINNESHIEK	3,836	1,363	3,550	2,481	885	2,561
WOODBURY	3,812	1,525	2,726	2,307	973	1,688
WORTH	1,209	488	934	728	317	619
WRIGHT	1,443	603	1,071	833	392	684
TOTAL	230,305	92,206	178,671	133,960	57,249	111,530
KANSAS						
ALLEN	822	312	752	337	119	334
ANDERSON	859	334	783	343	131	343
ATCHISON	765	300	654	363	144	333

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
KANSAS	TONS					
BARBER	893	361	796	192	75	170
BARTON	2,312	869	1,527	1,827	673	1,102
BOURBON	934	358	865	341	119	347
BROWN	1,077	415	899	559	217	486
BUTLER	2,746	1,065	2,068	1,625	619	1,113
CHASE	631	263	517	240	103	176
CHAUTAUQUA	724	298	635	155	65	136
CHEROKEE	519	209	464	145	57	137
CHEYENNE	588	238	509	180	74	158
CLARK	632	247	464	342	128	203
CLAY	997	411	808	469	206	391
CLOUD	653	265	553	219	92	183
COFFEY	697	277	602	279	113	250
COMANCHE	592	239	520	150	56	126
COWLEY	1,751	699	1,411	818	331	629
CRAWFORD	791	308	709	276	102	261
DECATUR	874	347	669	442	175	302
DICKINSON	1,254	501	1,035	675	274	545
DONIPHAN	734	295	586	365	152	297
DOUGLAS	730	270	670	367	130	363
EDWARDS	436	162	337	281	100	195
ELK	805	332	692	209	94	187
ELLIS	936	358	776	443	157	334
ELLSWORTH	596	242	510	172	68	136
FINNEY	2,034	758	1,234	1,798	662	1,027
FORD	1,330	496	888	1,065	393	670
FRANKLIN	920	343	845	430	153	426
GEARY	382	148	342	165	62	160
GOVE	1,177	449	885	711	260	474
GRAHAM	592	240	529	123	47	108
GRANT	482	185	319	352	131	207
GRAY	1,314	491	862	1,094	403	653
GREELEY	565	214	354	479	180	279
GREENWOOD	1,321	528	1,177	344	129	312
HAMILTON	504	193	348	344	128	205
HARPER	652	259	591	266	104	239
HARVEY	966	376	848	601	239	531
HASKELL	1,695	623	975	1,617	593	909
HODGEMAN	939	354	643	692	252	420
JACKSON	951	375	854	343	133	332
JEFFERSON	869	334	780	365	136	359
JEWELL	1,278	518	1,049	525	225	436
JOHNSON	525	204	473	206	77	199
KEARNY	1,328	498	837	1,109	409	643
KINGMAN	928	364	852	332	127	335
KIOWA	380	161	338	105	51	92
LABETTE	1,347	514	1,132	647	231	514
LANE	581	220	385	436	161	259
LEAVENWORTH	762	279	745	370	126	406
LINCOLN	717	288	640	210	83	193
LINN	867	340	767	321	125	307
LOGAN	340	136	299	85	32	73
LYON	1,258	491	1,018	713	276	558
MC PHERSON	1,221	467	1,107	667	252	621
MARION	1,331	510	1,232	687	261	691
MARSHALL	1,397	551	1,195	639	259	592
MEADE	605	238	472	296	111	196
MIAMI	908	345	853	354	124	369
MITCHELL	810	324	638	408	167	304
MONTGOMERY	1,027	409	890	387	160	368

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
KANSAS						
TONS						
MORRIS	1,192	453	1,018	596	220	522
MORTON	175	71	153	38	15	30
NEMAHA	1,679	642	1,438	927	359	853
NEOSHO	999	389	884	409	155	384
NESS	553	229	490	142	60	121
NORTON	709	285	615	217	87	192
OSAGE	761	302	654	304	121	267
OSBORNE	851	341	761	251	98	226
OTTAWA	876	340	708	445	168	337
PAWNEE	691	267	510	440	166	295
PHILLIPS	1,243	507	1,075	363	155	329
POTTAWATOMIE	1,252	505	1,072	475	198	428
PRATT	733	284	529	495	194	338
RAWLINS	753	295	696	250	94	255
RENO	1,428	560	1,387	669	267	702
REPUBLIC	1,143	451	892	620	248	463
RICE	709	273	594	383	145	317
RILEY	784	306	693	348	137	333
ROOKS	680	265	622	205	71	200
RUSH	388	161	346	73	32	64
RUSSELL	536	210	501	143	49	147
SALINE	869	335	722	421	155	336
SCOTT	1,202	449	719	1,065	396	610
SEDGWICK	1,446	524	1,423	880	310	903
SEWARD	876	329	538	754	281	440
SHAWNEE	551	220	489	225	91	208
SHERIDAN	1,186	448	898	747	273	517
SHERMAN	611	238	493	312	117	217
SMITH	1,209	480	1,000	490	194	394
STAFFORD	469	191	403	129	53	108
STANTON	835	316	534	655	242	375
STEVENS	503	196	359	308	116	188
SUMNER	857	338	799	325	127	317
THOMAS	789	307	596	480	184	320
TREGO	538	215	502	122	44	126
WABAUNSEE	947	398	823	347	158	310
WALLACE	394	158	332	130	48	97
WASHINGTON	1,890	744	1,527	999	407	842
WICHITA	1,137	424	702	970	357	554
WILSON	742	316	644	242	115	217
WOODSON	624	246	522	249	96	196
WYANDOTTE	89	32	75	47	16	39
TOTAL	95,550	37,238	77,945	48,790	18,655	37,821
KENTUCKY						
ADAIR	844	275	890	477	133	559
ALLEN	686	262	640	221	75	233
ANDERSON	330	106	355	177	47	214
BALLARD	408	151	373	197	71	204
BARREN	1,623	541	1,685	869	245	1,009
BATH	479	174	477	180	53	206
BELL	23	8	22	13	4	14
BOONE	373	139	357	142	47	151
BOURBON	817	323	747	256	99	253
BOYD	88	33	86	39	15	43
BOYLE	512	192	498	178	55	195

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
KENTUCKY	TONS					
BRACKEN	376	117	414	229	59	276
BREATHITT	37	13	35	22	8	23
BRECKINRIDGE	995	399	875	297	120	281
BULLITT	318	112	315	150	47	168
BUTLER	414	161	371	154	58	152
CALDWELL	552	215	487	223	86	219
CALLOWAY	486	178	466	233	79	252
CAMPBELL	161	55	170	85	23	98
CARLISLE	342	125	321	158	53	165
CARROLL	204	71	206	90	26	104
CARTER	263	122	241	148	76	137
CASEY	704	247	714	307	88	354
CHRISTIAN	1,133	471	941	394	182	348
CLARK	572	237	530	184	79	178
CLAY	97	35	94	44	14	48
CLINTON	420	159	390	164	59	173
CRITTENDEN	440	182	372	122	55	105
CUMBERLAND	363	131	347	161	51	173
DAVISS	858	338	762	438	174	411
EDMONSON	350	131	311	145	51	137
ELLIOTT	94	35	94	33	10	38
ESTILL	145	58	130	39	15	39
FAYETTE	553	222	509	128	49	130
FLEMING	850	278	896	466	128	548
FLOYD	23	8	22	10	3	10
FRANKLIN	274	110	255	60	21	61
FULTON	236	95	199	92	40	84
GALLATIN	133	45	140	64	16	77
GARRARD	676	249	659	257	81	286
GRANT	309	110	310	120	35	140
GRAVES	852	335	743	396	162	385
GRAYSON	875	328	817	393	140	410
GREEN	931	311	896	531	154	540
GREENUP	149	63	138	65	29	65
HANCOCK	170	69	145	44	20	38
HARDIN	1,122	422	1,055	480	169	503
HARLAN	16	5	15	5	1	6
HARRISON	684	267	630	208	76	211
HART	868	281	919	484	132	571
HENDERSON	642	269	515	226	107	185
HENRY	654	221	680	338	98	393
HICKMAN	370	143	323	167	65	160
HOPKINS	357	142	310	133	53	123
JACKSON	220	75	229	112	32	133
JEFFERSON	348	122	347	160	48	181
JESSAMINE	353	141	323	93	36	93
JOHNSON	32	13	30	17	6	17
KENTON	196	79	190	81	31	85
KNOTT	5	2	4	4	2	3
KNOX	80	30	79	32	11	37
LARUE	743	264	731	360	114	399
LAUREL	462	155	421	264	77	241
LAWRENCE	122	57	112	68	35	61
LEE	32	12	32	15	6	17
LESLIE	7	2	5	4	1	4
LETCHER	9	3	8	4	1	4
LEWIS	413	157	423	269	101	289
LINCOLN	953	334	952	429	125	483
LIVINGSTON	472	191	411	134	56	122
LOGAN	1,226	442	1,183	569	184	620

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TONS						
KENTUCKY						
LYON	237	97	202	81	34	73
MCCRACKEN	235	95	212	97	39	96
MCCREARY	25	9	21	9	3	9
MCLEAN	262	108	215	94	43	83
MADISON	671	267	609	173	64	165
MAGOFFIN	47	15	49	26	8	28
MARION	912	314	915	455	133	508
MAPSHALL	286	116	249	87	37	81
MARTIN	12	5	11	7	2	5
MASON	653	217	688	368	106	428
MEADE	549	225	466	197	85	175
MENIFEE	61	22	62	27	8	32
MERCER	749	259	763	351	103	406
METCALFE	599	189	638	364	100	428
MONROE	760	266	758	375	116	420
MONTGOMERY	453	170	441	143	42	157
MORGAN	144	51	146	59	17	68
MUHLENBERG	443	204	366	204	111	171
NELSON	1,189	405	1,186	657	200	727
NICHOLAS	355	134	341	119	38	129
OHIO	437	175	379	145	58	134
OLDHAM	499	172	506	261	79	296
OWEN	400	140	413	167	44	197
OWSLEY	32	12	29	13	6	15
PENDLETON	375	133	384	160	45	187
PERRY	14	6	12	10	4	9
PIKE	20	8	19	10	3	10
POWELL	71	29	64	17	7	16
PULASKI	1,260	440	1,267	596	176	675
ROBERTSON	123	39	133	64	16	77
ROCKCASTLE	375	134	382	174	53	200
ROWAN	108	41	101	47	17	48
RUSSELL	549	194	541	262	82	293
SCOTT	559	226	510	137	53	131
SHELBY	1,319	403	1,440	883	240	1,046
SIMPSON	675	243	642	344	116	369
SPENCER	565	167	629	391	104	469
TAYLOR	678	244	659	317	103	349
TODD	752	296	689	349	138	350
TRIGG	483	198	405	153	68	136
TRIMBLE	197	71	192	93	29	102
UNION	1,247	522	938	565	268	456
WARREN	1,306	500	1,203	472	166	485
WASHINGTON	742	252	771	359	101	421
WAYNE	773	309	654	364	154	342
WEBSTER	475	199	374	185	88	154
WHITLEY	144	54	131	62	20	57
WOLFE	76	29	74	31	11	35
WOODFORD	480	196	438	95	37	90
TOTAL	55,300	20,448	52,689	24,470	8,277	26,013
LOUISIANA						
ACADIA	556	213	487	155	53	114
ALLEN	165	65	156	14	4	16
ASCENSION	146	62	130	16	8	12
ASSUMPTION	7	3	7	1	0	1

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
LOUISIANA	TCNS					
AVOUELLES	629	246	580	74	23	71
BEAUREGARD	428	171	411	74	30	76
BIENVILLE	278	106	251	82	30	65
BOSSIER	517	208	477	26	6	27
CADDO	825	334	751	120	49	103
CALCASIEU	625	260	565	23	12	20
CALDWELL	134	55	121	6	2	5
CAMERON	420	173	385	5	1	7
CATAHOULA	207	81	181	28	10	24
CLAIBORNE	416	141	385	135	36	110
CONCORDIA	233	95	209	7	3	6
DE SOTO	1,083	367	1,090	319	91	328
EAST BATON ROUGE	527	194	511	98	29	103
EAST CARROLL	54	23	50	3	1	2
EAST FELICIANA	618	230	591	102	28	104
EVANGELINE	438	172	412	43	12	44
FRANKLIN	582	226	543	62	18	63
GRANT	285	125	250	50	30	38
IBERIA	240	78	241	68	17	73
IBERVILLE	241	98	221	6	1	7
JACKSON	273	109	181	163	65	79
JEFFERSON	16	7	14	1	0	0
JEFFERSON DAVIS	269	108	247	16	6	16
LAFAYETTE	595	199	602	156	41	171
LAFOURCHE	330	138	300	8	4	7
LA SALLE	113	47	102	19	8	16
LINCOLN	670	229	413	443	141	197
LIVINGSTON	495	243	402	273	157	194
MADISON	126	47	108	35	13	27
MOREHOUSE	313	117	296	52	13	50
NATCHITOCHE	1,132	444	908	231	71	90
OUACHITA	259	100	235	56	21	46
PLAQUEMINES	31	13	28	0	0	0
POINTE COUPEE	562	228	512	25	8	23
RAPIDES	830	340	735	165	74	129
RED RIVER	525	219	474	15	8	13
RICHLAND	585	211	566	106	28	114
SABINE	761	249	435	545	165	231
ST BERNARD	14	6	13	0	0	0
ST CHARLES	65	27	59	0	0	0
ST HELENA	692	213	738	288	83	308
ST JAMES	12	4	10	1	0	0
ST JOHN THE BAPTIST	15	7	12	2	1	1
ST. LANDRY	708	263	676	118	34	122
ST MARTIN	202	75	194	31	9	34
ST MARY	11	4	9	0	0	0
ST TAMMANY	350	140	329	70	29	66
TANGIPAHOA	2,218	769	2,221	1,177	445	1,093
TENSAS	376	154	330	25	12	22
TERREBONNE	64	26	58	1	0	1
UNION	1,007	344	577	706	224	295
VERMILION	765	299	718	65	18	70
VERNON	482	164	411	196	56	132
WASHINGTON	1,328	383	1,429	530	128	578
WEBSTER	389	156	361	66	28	62
WEST BATON ROUGE	68	26	65	7	1	8
WEST CARROLL	524	214	426	138	68	118
WEST FELICIANA	313	123	288	37	11	35
WINN	115	48	103	10	4	8
TOTAL	27,257	10,219	24,590	7,294	2,468	5,775

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K

MAINE	TONS					
ANDROSCOGGIN	2,065	1,014	1,415	2,020	999	1,367
ARCOSTOOK	291	83	336	217	58	267
CUMBERLAND	493	195	405	451	180	363
FRANKLIN	237	71	224	212	63	197
HANCOCK	68	24	41	64	22	36
KENNEBEC	1,792	638	1,255	1,712	614	1,171
KNOX	348	165	236	333	159	219
LINCOLN	144	59	123	129	53	105
OXFORD	345	103	319	306	91	279
PENOBSCOT	782	256	773	716	236	700
PISCATAQUIS	151	41	184	129	34	158
SAGADAHOC	145	48	125	131	43	107
SOMERSET	948	347	910	872	324	829
WALDO	1,210	420	775	1,165	406	726
WASHINGTON	110	62	96	100	57	86
YORK	616	261	543	569	247	493
TOTAL	9,745	3,787	7,760	9,126	3,586	7,103

MARYLAND						
ALLEGANY	105	37	107	51	16	56
ANNE ARUNDEL	98	36	83	50	17	45
BALTIMORE	524	166	575	363	107	422
CALVERT	47	19	39	14	7	14
CAROLINE	1,342	422	653	1,259	394	594
CARROLL	1,475	454	1,584	1,181	357	1,326
CECIL	528	149	606	420	110	499
CHARLES	119	48	101	42	20	41
DORCHESTER	483	162	247	400	134	195
FREDERICK	2,539	664	3,013	2,133	534	2,606
GARRETT	626	195	676	457	132	513
HARFORD	737	208	832	553	143	660
HOWARD	323	100	335	220	64	247
KENT	422	115	472	338	88	399
MONTGOMERY	539	162	602	357	93	432
PRINCE GEORGES	148	55	132	62	23	64
QUEEN ANNES	499	149	493	383	110	402
ST MARYS	229	89	181	101	44	95
SOMERSET	1,593	512	669	1,535	492	628
TALBOT	502	156	316	420	129	259
WASHINGTON	1,351	375	1,529	1,074	281	1,278
WICOMICO	3,228	1,045	1,282	3,085	997	1,198
WORCESTER	2,494	804	1,041	2,352	755	953
TOTAL	19,951	6,122	15,568	16,850	5,047	12,926

MASSACHUSETTS						
BARNSTABLE	5	1	6	5	1	6
BERKSHIRE	484	131	581	421	114	515
BRISTOL	501	156	543	395	122	460
DUKES	9	3	12	4	1	6
ESSEX	232	76	248	193	63	215
FRANKLIN	456	119	553	399	101	491
HAMPDEN	271	79	308	231	66	271

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
MASSACHUSETTS						
TONS						
HAMPSHIRE	490	164	531	426	145	471
MIDDLESEX	388	167	362	299	138	293
NORFOLK	86	29	91	67	21	74
PLYMOUTH	342	102	394	295	89	349
WORCESTER	1,078	376	1,144	887	316	989
TOTAL	4,342	1,403	4,773	3,622	1,177	4,140
MICHIGAN						
ALCONA	137	52	141	61	21	71
ALGER	66	18	78	52	12	65
ALLEGAN	1,924	723	1,788	1,383	541	1,423
ALPENA	265	82	288	174	50	208
ANTRIM	154	53	159	111	37	120
ARENAC	278	80	311	218	60	260
BARAGA	50	14	60	38	9	48
BARRY	709	225	755	499	151	577
BAY	141	43	153	110	33	123
BENZIE	65	24	54	23	9	23
BERRIEN	437	170	390	283	118	288
BRANCH	831	276	805	530	172	575
CALHOUN	984	320	994	688	216	753
CASS	1,323	504	1,030	656	276	627
CHARLEVOIX	162	52	182	110	31	133
CHEBOYGAN	122	40	131	62	16	76
CHIPPEWA	213	67	244	137	37	169
CLARE	267	89	303	184	50	223
CLINTON	1,205	357	1,311	915	261	1,066
DELTA	241	74	271	155	42	190
DICKINSON	91	25	108	69	17	86
EATON	683	223	715	453	141	514
EMMET	122	41	134	74	21	88
GENESEE	503	167	501	387	125	394
GLADWIN	226	71	246	142	39	169
GOGEBIC	29	8	34	20	5	25
GRAND TRAVERSE	108	36	109	65	21	72
GRATIOT	703	239	690	537	182	560
HILLSDALE	1,118	353	1,156	818	253	929
HOUGHTON	109	31	129	91	26	112
HURON	1,717	587	1,745	1,476	510	1,531
INGHAM	966	288	1,065	718	205	853
IONIA	1,141	368	1,223	878	280	1,006
IOSCO	187	63	186	94	29	106
IRON	49	16	52	27	7	32
ISABELLA	915	278	950	720	212	789
JACKSON	924	289	980	642	188	725
KALAMAZOO	702	251	626	451	163	450
KALKASKA	21	6	25	16	5	20
KENT	1,076	327	1,163	802	233	931
LAKE	62	19	65	35	10	41
LAPEER	955	265	1,092	771	204	917
LEELANAU	133	47	124	96	34	93
LENAWEE	1,208	420	1,112	832	295	848
LIVINGSTON	582	166	666	447	119	532
LUCE	9	5	9	3	2	2
MACKINAC	81	22	95	58	15	73
MACOMB	327	98	358	247	71	286

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
MICHIGAN	TONS					
MANISTEE	68	28	66	36	16	37
MARQUETTE	56	17	64	39	11	49
MASON	285	83	328	229	63	273
MECOSTA	334	111	344	239	76	258
MENOMINEE	523	139	627	427	108	532
MIDLAND	150	48	141	110	34	109
MISSAUKEE	478	134	547	374	99	457
MENROE	322	119	283	229	87	216
MONTCALM	657	194	754	533	154	638
MONTMORENCY	108	32	129	77	19	96
MUSKEGON	313	93	346	247	70	288
NEWAYGO	543	175	618	414	129	491
OAKLAND	240	84	251	148	48	166
OCEANA	264	89	276	176	55	198
OGEMAW	310	87	364	234	60	288
ONTONAGON	91	29	104	60	17	73
OSCEOLA	511	144	595	388	101	480
OSCCDA	89	26	103	66	18	79
OTSEGO	77	24	85	43	11	52
OTTAWA	1,788	664	1,534	1,233	471	1,220
PRESQUE ISLE	236	74	258	141	36	170
ROSCOMMON	6	2	6	1	0	1
SAGINAW	527	160	574	412	120	475
ST. CLAIR	738	239	776	589	186	637
ST. JOSEPH	866	311	792	535	199	566
SANILAC	2,088	544	2,490	1,770	445	2,179
SCHOOLCRAFT	37	14	37	9	2	11
SHIAWASSEE	775	253	847	606	196	698
TUSCOLA	877	326	899	697	265	750
VAN BUREN	688	262	587	431	172	414
WASHTENAW	1,045	328	1,202	736	224	878
WAYNE	62	25	59	38	17	38
WEXFORD	115	33	135	86	22	107
TOTAL	39,588	12,854	41,027	28,711	9,085	32,126
MINNESOTA						
AITKIN	638	212	601	408	123	421
ANOKA	405	141	346	271	94	259
BECKER	1,489	493	1,438	1,023	320	1,078
BELTRAMI	538	187	562	266	81	311
BENTON	1,421	446	1,475	1,106	337	1,213
BIG STONE	570	220	489	349	137	318
BLUE EARTH	1,529	602	1,234	944	393	835
BROWN	1,842	683	1,598	1,327	510	1,272
CARLTON	428	125	494	295	75	367
CARVER	1,667	485	1,860	1,343	381	1,589
CASS	567	190	604	311	89	369
CHIPPEWA	830	328	677	525	220	467
CHISAGO	720	227	762	527	157	598
CLAY	732	289	714	479	193	484
CLEARWATER	595	254	595	341	154	357
COTTONWOOD	1,572	620	1,230	1,032	426	863
CROW WING	544	185	506	342	110	353
DAKOTA	1,080	348	1,081	834	265	890
DODGE	1,311	428	1,323	979	318	1,075
DOUGLAS	1,678	518	1,763	1,262	376	1,432

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
MINNESOTA	TONS					
FARIBAULT	1,620	650	1,280	1,059	458	921
FILLMORE	3,826	1,361	3,565	2,340	813	2,415
FREEBORN	1,976	786	1,698	1,321	562	1,266
GOODHUE	2,595	803	2,783	1,939	575	2,223
GRANT	621	222	575	424	153	426
HENNEPIN	685	208	740	532	153	611
HOUSTON	2,205	752	2,121	1,430	468	1,514
HUBBARD	307	112	314	159	56	182
ISANTI	535	178	571	390	125	447
ITASCA	264	95	269	122	38	140
JACKSON	1,900	765	1,472	1,228	528	1,001
KANABEC	716	218	796	497	137	596
KANDIYOHI	3,026	1,075	2,285	2,128	750	1,816
KITTSO	313	116	325	121	41	140
KOOCHICHING	125	51	121	49	19	53
LAC QUI PARLE	1,093	422	928	638	254	582
LAKE	6	2	7	2	0	2
LAKE OF THE WOODS	155	60	151	59	21	64
LE SUEUR	1,236	439	1,143	853	307	874
LINCOLN	1,270	463	1,159	799	290	777
LYON	1,939	755	1,552	1,263	511	1,061
MC LEOD	1,857	580	1,995	1,486	460	1,705
MAHNOEN	465	157	482	285	87	326
MARSHALL	721	261	769	343	114	398
MARTIN	2,242	894	1,669	1,457	624	1,194
MEEKER	2,115	739	1,884	1,563	550	1,553
MILLE LACS	1,001	281	1,153	786	208	956
MORRISON	2,913	936	2,871	2,185	682	2,340
POWER	1,943	731	1,709	1,284	503	1,252
MURRAY	1,916	712	1,637	1,263	479	1,151
NICOLLET	1,281	470	1,157	922	351	922
NOBLES	2,656	1,024	2,180	1,754	710	1,546
NORMAN	676	229	682	423	134	456
OLMSTEAD	2,084	701	2,077	1,354	431	1,467
OTTER TAIL (E)	4,730	1,503	4,611	3,450	1,046	3,678
PENNINGTON	511	177	518	284	88	315
PINE	1,264	400	1,412	936	282	1,111
PIPESTONE	1,366	498	1,249	855	313	838
POLK (E)	1,061	381	1,092	600	202	667
POPE	1,265	410	1,308	893	277	1,004
RAMSEY	20	9	19	12	5	12
RED LAKE	356	124	387	209	66	244
REDWOOD	1,842	720	1,467	1,246	510	1,067
RENVILLE	1,659	633	1,415	1,131	451	1,046
RICE	1,774	579	1,747	1,343	433	1,441
ROCK	2,118	811	1,723	1,386	545	1,178
ROSEAU	1,071	373	1,041	584	184	614
ST LOUIS (N)	386	141	409	251	90	283
SCOTT	1,056	324	1,143	824	247	949
SHERBURNE	479	169	469	321	112	344
SIBLEY	1,988	707	1,918	1,500	548	1,577
STEARNS	6,842	2,203	6,493	5,262	1,665	5,486
STEELE	1,420	489	1,398	1,048	365	1,135
STEVENS	1,130	455	865	797	336	626
SWIFT	2,419	910	1,582	1,574	595	1,155
TODD	2,615	797	2,785	1,983	582	2,285
TRAVERSE	432	165	380	265	103	245
WABASHA	1,801	584	1,887	1,243	385	1,411
WADENA	1,177	407	1,027	796	271	777
WASECA	993	350	943	683	246	721

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TONS						
MINNESOTA						
WASHINGTON	542	180	551	399	129	427
WATONWAN	1,017	407	822	648	278	580
WILKIN	455	170	408	280	108	280
WINONA	2,662	832	2,649	1,961	585	2,135
WRIGHT	2,144	662	2,320	1,654	497	1,912
YELLOW MEDICINE	1,347	522	1,118	820	333	735
TOTAL	118,381	41,321	110,628	81,660	28,228	83,206
MISSISSIPPI						
ADAMS	189	77	172	9	3	8
ALCORN	261	99	234	49	18	49
AMITE	742	259	739	160	42	175
ATTALA	499	189	472	66	18	69
BENTON	217	85	195	28	10	26
BOLIVAR	162	65	135	28	11	19
CALHOUN	389	155	354	44	16	42
CARROLL	620	254	551	31	13	27
CHICKASAW	587	238	511	92	42	83
CHOCTAW	268	102	238	53	20	51
CLAIBORNE	473	192	407	49	22	45
CLARKE	266	106	241	29	11	27
CLAY	471	176	431	104	32	91
COAHOMA	72	29	66	4	1	4
COPIAH	767	298	630	236	87	143
COVINGTON	709	272	498	321	114	143
DESOTO	533	193	522	99	27	107
FORREST	420	158	316	157	52	75
FRANKLIN	163	59	157	29	6	28
GEORGE	227	86	206	50	17	47
GREENE	345	122	210	207	66	86
GRENADA	284	124	251	42	24	32
HANCOCK	155	58	150	29	8	31
HARRISON	97	38	93	24	9	24
HINDS	1,853	964	1,506	795	538	589
HOLMES	447	183	406	34	15	31
HUMPHREYS	67	28	61	5	1	3
ISSAQUENA	40	16	36	1	1	2
ITAWAMBA	776	269	444	514	165	213
JACKSON	66	23	64	14	4	14
JASPER	696	254	514	286	93	147
JEFFERSON	251	105	223	22	11	18
JEFFERSON DAVIS	562	240	418	243	109	128
JONES	2,511	877	1,371	1,859	621	787
KEMPER	466	186	428	27	7	28
LAFAYETTE	387	151	359	32	9	34
LAMAR	415	159	334	102	32	49
LAUDERDALE	330	134	297	23	9	21
LAWRENCE	308	129	283	67	33	58
LEAKE	1,583	545	937	1,038	329	437
LEE	673	281	607	231	112	194
LEFLORE	144	58	129	5	2	5
LINCOLN	698	237	702	179	47	193
LOWNDES	411	160	379	48	15	47
MADISON	782	320	707	78	35	73
MARION	703	271	654	211	84	183
MARSHALL	711	276	658	101	34	99

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
MISSISSIPPI						
TONS						
MONROE	679	273	587	116	48	92
MONTGOMERY	356	143	328	41	16	40
NESHOBA	796	292	680	209	60	133
NEWTON	1,101	392	837	519	170	301
NOXUBEE	844	307	800	166	49	173
OKTIBBEHA	692	241	663	185	56	192
PANOLA	624	250	570	48	17	47
PEARL RIVER	694	273	642	106	38	97
PERRY	324	114	194	188	59	74
PIKE	599	193	616	176	44	193
POINTOTOC	532	202	481	141	50	112
PRENTISS	401	131	399	127	35	134
QUITMAN	59	24	47	15	6	13
RANKIN	1,500	625	985	903	387	458
SCOTT	2,434	885	1,306	1,813	631	744
SHARKEY	33	14	28	4	2	3
SIMPSON	2,149	1,142	1,512	1,618	933	1,025
SMITH	1,976	704	1,082	1,397	472	571
STONE	227	85	188	60	19	34
SUNFLOWER	308	134	270	44	26	35
TALLAHATCHIE	378	152	328	39	17	35
TATE	729	266	700	130	36	140
TIPPAH	434	175	399	112	50	103
TISHOMINGO	321	130	255	98	48	84
TUNICA	65	26	56	6	3	5
UNION	415	157	397	107	41	105
WALTHALL	889	291	910	249	61	273
WARREN	230	94	200	21	11	18
WASHINGTON	149	61	136	16	8	14
WAYNE	719	249	409	464	149	193
WEBSTER	345	135	321	33	11	35
WILKINSON	416	167	382	21	6	21
WINSTON	494	183	464	86	24	81
YALOBUSHA	305	117	290	34	10	36
YAZOO	651	266	588	28	11	27
TOTAL	46,664	18,193	37,346	17,175	6,579	10,426
MISSOURI						
ADAIR	899	354	808	324	128	318
ANDREW	1,171	453	1,011	595	236	571
ATCHISON	1,094	450	857	455	201	349
AUDRAIN	1,749	721	1,350	834	375	665
BARRY	1,868	675	1,667	892	288	835
BARTON	1,022	410	883	421	170	369
BATES	1,769	687	1,544	711	263	623
BENTON	1,295	500	999	602	229	484
BOLLINGER	715	295	589	247	113	215
BOSNE	1,057	429	933	390	167	353
BUCHANAN	692	276	599	346	145	327
BUTLER	346	142	289	124	57	112
CALDWELL	990	402	840	370	158	326
CALLAWAY	1,164	469	961	457	191	378
CAMDEN	485	188	399	178	65	151
CAPE GIRARDEAU	1,303	502	1,145	601	232	584
CARROLL	1,396	565	1,114	622	272	524
CARTER	169	69	140	50	22	44

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
MISSOURI	TONS					
CASS	1,513	614	1,354	609	255	588
CEDAR	812	322	725	242	94	236
CHARITON	1,615	650	1,241	817	344	632
CHRISTIAN	1,137	405	1,109	505	153	556
CLARK	734	301	624	272	120	244
CLAY	637	262	502	257	113	196
CLINTON	1,151	459	963	505	208	445
COLE	837	313	757	399	143	395
COOPER	1,376	562	1,086	604	265	493
CRAWFORD	541	229	462	164	80	142
DADE	1,019	408	926	301	117	298
DALLAS	1,047	366	1,028	525	161	577
DAVISS	1,075	432	917	448	188	407
DE KALB	1,179	469	995	523	217	473
DENT	542	220	475	138	58	131
DOUGLAS	1,084	387	1,053	496	155	544
DUNKLIN	123	53	98	52	27	45
FRANKLIN	1,390	547	1,207	684	278	650
GASCONADE	701	287	581	256	114	226
GENTRY	1,076	441	891	397	175	338
GREENE	1,686	649	1,594	799	296	822
GRUNDY	863	337	760	356	139	338
HARRISON	1,421	566	1,249	497	202	472
HENRY	1,403	566	1,227	493	203	457
HICKORY	543	201	516	206	67	222
HOLT	698	287	532	334	149	254
HOWARD	983	405	795	380	170	315
HOWELL	1,520	578	1,392	644	236	664
IRON	248	117	208	96	56	80
JACKSON	544	215	469	216	85	191
JASPER	1,303	525	1,205	603	247	598
JEFFERSON	387	147	362	168	61	174
JOHNSON	1,954	778	1,654	728	294	653
KNOX	969	395	808	359	156	309
LACLEDE	1,404	502	1,352	664	212	717
LAFAYETTE	2,209	875	1,788	1,172	489	1,029
LAWRENCE	1,963	749	1,909	958	351	1,022
LEWIS	957	392	781	390	174	332
LINCOLN	1,862	802	1,433	1,005	488	835
LINN	1,287	520	1,102	475	201	428
LIVINGSTON	971	393	805	385	165	336
MC DONALD	1,433	609	1,025	879	388	592
MACON	1,165	474	991	415	177	360
MADISON	320	136	269	96	47	80
MARIES	708	289	605	218	95	198
MARION	968	389	805	438	186	392
MERCER	893	350	798	322	123	309
MILLER	1,525	599	1,071	754	296	544
MISSISSIPPI	121	50	97	42	18	30
MONITEAU	1,139	460	941	469	198	410
MONROE	1,368	567	1,091	565	261	478
MONTGOMERY	959	401	742	450	210	370
MORGAN	1,397	547	1,023	727	287	564
NEW MADRID	98	44	75	52	27	40
NEWTON	1,531	639	1,422	769	334	746
NODAWAY	2,469	1,003	2,010	1,020	442	859
OREGON	1,220	496	1,030	486	212	454
OSAGE	1,855	728	1,396	919	370	739
OZARK	742	272	695	307	100	323
PEMISCOT	25	10	22	6	2	4

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K

MISSOURI	TCNS					
PERRY	1,252	494	1,046	615	255	568
PETTIS	1,588	637	1,283	691	290	592
PHELPS	565	226	508	152	59	146
PIKE	1,678	693	1,310	776	355	651
PLATTE	624	252	522	244	105	217
POLK	1,630	576	1,565	797	248	839
PULASKI	365	148	325	85	36	83
PUTNAM	938	385	840	287	124	276
RALLS	808	330	660	329	145	286
RANDOLPH	677	277	558	256	113	223
RAY	986	399	800	415	177	339
REYNOLDS	244	103	198	84	40	73
RIPLEY	407	170	336	130	62	113
ST. CHARLES	669	278	529	369	168	313
ST. CLAIR	980	390	859	321	128	305
ST. FRANCOIS	461	196	406	177	83	164
ST. LOUIS	124	53	106	36	17	30
STE. GENEVIEVE	964	439	756	482	256	392
SALINE	1,488	613	1,153	672	301	535
SCHUYLER	664	249	689	267	94	306
SCOTLAND	888	361	747	343	151	311
SCOTT	396	152	322	207	80	171
SHANNON	411	165	352	155	65	148
SHELBY	1,243	518	949	582	272	476
STODDARD	634	282	517	269	140	222
STONE	806	284	790	383	114	420
SULLIVAN	1,415	558	1,182	515	196	442
TANEY	573	230	504	153	61	142
TEXAS	1,333	498	1,269	509	169	553
VERNON	1,201	472	1,085	389	146	385
WARREN	690	292	525	334	162	276
WASHINGTON	310	134	267	87	43	74
WAYNE	355	147	293	117	54	102
WEBSTER	1,500	482	1,599	889	247	1,047
WORTH	474	193	405	158	66	140
WRIGHT	1,445	486	1,490	844	255	963
TOTAL	114,670	45,538	97,916	49,394	20,068	44,907

MONTANA						
BEAVERHEAD	2,545	1,038	2,483	365	141	403
BIG HORN	1,707	679	1,411	449	160	273
BLAINE	1,225	496	1,115	204	78	191
BROADWATER	391	170	354	77	41	69
CARBON	1,157	455	1,127	347	127	330
CARTER	1,630	640	1,948	431	162	610
CASCADE	1,632	625	1,383	612	207	440
CHOUTEAU	906	368	788	155	62	120
CUSTER	1,257	510	1,207	228	88	237
DANIELS	431	176	389	70	30	68
DAWSON	902	363	845	163	59	162
DEER LODGE	194	79	172	24	9	21
FALLON	718	294	669	115	47	119
FERGUS	1,944	789	1,746	344	138	321
FLATHEAD	568	214	517	194	69	200
GALLATIN	1,304	490	1,237	514	173	514
GARFIELD	1,407	563	1,484	277	104	342

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
MONTANA						
TONS						
GLACIER	697	288	618	105	46	92
GOLDEN VALLEY	404	165	391	55	21	62
GRANITE	449	186	412	44	18	41
HILL	637	259	558	110	46	92
JEFFERSON	348	141	319	56	21	55
JUDITH BASIN	977	392	878	204	73	162
LAKE	1,093	424	1,037	274	89	294
LEWIS AND CLARK	805	317	774	221	80	217
LIBERTY	298	122	274	56	25	56
LINCOLN	114	47	103	13	6	13
MCCONE	877	355	878	157	61	183
MADISON	1,354	555	1,276	186	74	194
MEAGHER	663	271	641	99	41	113
MINERAL	23	9	22	5	1	5
MISSOULA	307	121	278	77	25	66
MUSSELSHELL	690	279	683	129	49	139
PARK	1,012	410	930	159	60	151
PETROLEUM	442	180	423	70	27	71
PHILLIPS	1,447	590	1,343	212	82	208
PONDERA	654	264	597	156	64	148
POWDER RIVER	1,220	493	1,248	208	79	254
POWELL	675	276	630	88	34	93
PRAIRIE	711	285	627	155	56	117
RAVALLI	922	353	900	310	104	331
RICHLAND	1,315	511	1,129	453	163	327
ROOSEVELT	738	300	646	137	53	112
ROSEBUD	1,284	523	1,226	191	73	202
SANDERS	333	137	307	45	19	43
SHERIDAN	533	218	484	80	32	76
SILVER BOW	161	65	150	26	8	27
STILLWATER	1,140	440	966	425	152	296
SWEET GRASS	776	313	797	152	59	183
TETON	1,186	471	1,123	312	118	302
TOOLE	409	167	364	91	40	85
TREASURE	352	143	307	60	21	42
VALLEY	1,284	526	1,171	186	75	173
WHEATLAND	611	247	632	137	56	161
WIBAUX	393	159	368	71	26	71
YELLOWSTONE	2,050	757	1,540	1,111	375	678
TOTAL	49,302	19,708	45,925	11,195	4,147	10,361
NEBRASKA						
ADAMS	1,169	449	832	803	302	523
ANTELOPE	2,564	984	1,976	1,610	625	1,248
ARTHUR	403	167	365	40	17	38
BANNER	285	118	256	47	20	41
BLAINE	507	207	447	110	46	100
BOONE	1,892	743	1,483	1,047	420	834
BOX BUTTE	708	284	587	249	96	175
BOYD	936	373	797	364	147	323
BROWN	1,036	408	839	453	170	320
BUFFALO	1,849	732	1,484	899	356	676
BURT	1,563	628	1,111	1,009	423	714
BUTLER	1,115	473	877	602	276	463
CASS	1,135	438	831	744	285	514
CEDAR	2,688	1,023	2,235	1,600	621	1,431

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
NEBRASKA	TONS					
CHASE	905	366	712	373	151	257
CHERRY	3,617	1,488	3,258	466	184	408
CHEYENNE	727	293	582	391	158	288
CLAY	1,292	526	1,002	649	281	497
COLFAX	1,786	733	1,277	1,204	522	884
CUMING	4,604	1,772	3,073	3,581	1,403	2,381
CUSTER	3,505	1,415	3,018	1,078	434	909
DAKOTA	658	264	527	329	142	277
DAWES	860	347	827	172	65	184
DAWSON	3,309	1,291	2,317	2,173	844	1,387
DEUEL	175	71	149	45	18	35
DIXON	2,030	891	1,510	1,289	613	958
DODGE	1,767	708	1,264	1,172	492	850
DOUGLAS	582	220	456	407	155	322
DUNDY	679	276	573	191	79	148
FILLMORE	1,141	460	839	643	270	461
FRANKLIN	855	346	705	320	135	260
FRONTIER	925	380	789	246	107	205
FURNAS	968	379	779	464	179	347
GAGE	1,921	733	1,629	1,100	427	1,006
GARDEN	997	408	895	162	64	139
GARFIELD	586	236	516	165	64	145
GOSPER	534	219	445	159	69	126
GRANT	542	224	488	70	27	58
GREELEY	1,037	410	868	428	167	349
HALL	1,622	621	1,141	1,143	435	751
HAMILTON	912	366	711	505	208	385
HARLAN	803	327	647	337	139	247
HAYES	654	269	559	162	70	130
HITCHCOCK	673	278	555	228	99	179
HOLT	3,561	1,392	3,176	1,260	468	1,183
HOOKER	192	79	173	20	7	18
HOWARD	1,342	507	1,119	764	285	646
JEFFERSON	1,123	425	944	658	248	567
JOHNSON	763	309	626	334	143	286
KEARNEY	1,253	490	864	847	333	548
KEITH	826	326	668	329	120	217
KEYA PAHA	698	277	640	186	68	182
KIMBALL	347	141	324	74	31	75
KNOX	3,631	1,443	2,906	1,901	792	1,590
LANCASTER	1,346	566	1,127	711	322	625
LINCOLN	2,373	957	2,041	717	285	585
LOGAN	427	175	388	63	25	60
LOUP	416	168	365	94	37	80
MC PHERSON	466	192	404	89	38	72
MADISON	2,030	793	1,545	1,260	505	972
MERRICK	1,294	506	1,003	774	303	572
MORRILL	1,019	413	903	260	102	208
NANCE	873	343	728	393	155	334
NEMAHA	834	340	651	391	170	310
NUCKOLLS	1,183	463	937	635	251	501
OTOE	1,186	469	958	596	243	498
PAWNEE	786	319	648	329	143	287
PERKINS	436	175	380	157	62	131
PHELPS	1,374	540	971	853	333	542
PIERCE	1,868	712	1,568	1,082	420	981
PLATTE	2,084	815	1,639	1,233	500	1,013
POLK	1,386	538	937	997	392	646
RED WILLOW	823	336	663	306	130	230
RICHARDSON	1,291	503	997	734	289	557

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
NEBRASKA						
TONS						
ROCK	901	355	769	321	117	252
SALINE	897	358	711	459	190	366
SARPY	1,316	488	864	1,132	420	702
SAUNDERS	1,772	688	1,302	1,171	459	833
SCOTTS BLUFF	2,861	1,070	2,027	2,262	833	1,430
SEWARD	1,331	514	1,011	852	332	636
SHERIDAN	1,881	768	1,696	325	129	296
SHERMAN	1,089	420	987	459	172	444
SICUX	674	273	637	129	50	128
STANTON	2,012	780	1,403	1,455	574	1,006
THAYER	1,118	436	858	652	255	482
THOMAS	341	141	303	51	22	44
THURSTON	973	383	731	590	238	445
VALLEY	1,268	492	1,072	582	223	498
WASHINGTON	1,577	619	1,143	1,082	436	784
WAYNE	1,764	678	1,356	1,146	451	910
WEBSTER	837	332	730	310	122	283
WHEELER	634	247	568	198	71	183
YORK	1,272	506	927	792	328	580
TOTAL	120,265	47,604	95,619	61,244	24,427	46,791
NEVADA						
CHURCHILL	967	333	845	551	165	452
CLARK	472	138	522	325	84	387
DOUGLAS	393	145	400	135	40	147
ELKO	2,735	1,117	2,680	367	142	422
ESMERALDA	174	72	158	15	6	13
EUREKA	390	161	351	38	15	33
HUMBOLDT	984	408	901	95	39	91
LANDER	446	182	443	62	23	75
LINCOLN	233	92	215	37	12	39
LYON	676	259	674	240	83	227
MINERAL	63	26	58	6	2	6
NYE	349	143	337	44	17	50
PERSHING	470	179	378	198	66	118
WASHOE	473	187	487	103	34	124
WHITE PINE	598	233	710	167	60	227
CARSON CITY	24	8	31	11	3	15
TOTAL	9,447	3,683	9,190	2,394	791	2,426
NEW HAMPSHIRE						
BELKNAP	69	22	81	60	18	70
CARROLL	61	23	64	49	18	54
CHESHIRE	285	87	331	249	77	292
COOS	317	79	388	278	68	346
GRAFTON	477	126	578	414	108	511
HILLSBORO	462	211	442	409	195	396
MERRIMACK	322	95	380	278	81	333
ROCKINGHAM	239	94	242	199	81	205
STRAFFORD	136	38	165	117	32	140
SULLIVAN	195	48	240	170	41	214
TOTAL	2,563	823	2,911	2,223	719	2,561

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APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
NEW JERSEY	TCNS					
ATLANTIC	55	37	42	48	35	38
BERGEN	19	9	18	18	9	16
BURLINGTON	455	139	480	339	102	395
CAMDEN	5	1	4	2	0	2
CAPE MAY	52	25	35	30	18	24
CUMBERLAND	208	98	204	181	88	178
ESSEX	13	4	15	11	4	13
GLOUCESTER	442	172	331	240	105	219
HUNTERDON	616	225	679	504	185	566
MERCER	83	32	88	65	26	72
MIDDLESEX	64	21	52	52	19	45
MONMOUTH	254	122	209	184	98	163
MORRIS	132	38	152	105	27	127
OCEAN	83	47	67	68	43	57
PASSAIC	9	4	8	8	4	8
SALEM	570	214	610	497	192	537
SOMERSET	240	92	254	179	69	195
SUSSEX	522	139	628	437	110	539
UNION	3	1	2	2	1	1
WARREN	627	159	769	540	133	677
TOTAL	4,452	1,579	4,647	3,510	1,268	3,872
NEW MEXICO						
BERNALILLO	600	227	516	414	152	336
CATRON	573	237	521	7	2	6
CHAVES	3,427	1,232	3,039	1,965	656	1,434
COLFAX	621	255	565	26	8	24
CURRY	1,183	427	750	712	234	324
DE BACA	496	200	484	70	24	75
DONA ANA	688	294	628	453	199	407
EDDY	914	337	752	440	146	295
GRANT	612	252	558	11	3	12
GUADALUPE	643	255	689	120	42	149
HARDING	499	207	456	8	1	9
HIDALGO	496	204	431	35	16	30
LEA	1,233	477	1,084	325	103	236
LINCOLN	1,033	400	1,296	276	100	412
LUNA	475	188	378	109	38	56
MCKINLEY	917	355	1,153	230	83	354
MORA	278	113	257	11	2	11
OTERO	630	250	671	102	34	141
GUAY	1,128	439	895	309	103	163
RIC ARRIBA	510	205	549	70	25	105
ROOSEVELT	1,256	461	1,120	515	158	434
SANDOVAL	270	107	259	34	9	40
SAN JUAN	590	227	724	165	59	237
SAN MIGUEL	659	267	591	60	18	41
SANTA FE	232	90	185	68	22	35
SIERRA	646	242	612	158	41	172
SOCORRO	722	293	684	47	12	58
TAOS	154	77	224	38	14	57
TORRANCE	637	257	637	70	24	90
UNION	1,439	545	1,057	574	186	269
VALENCIA	1,035	383	1,179	332	98	429
TOTAL	24,636	9,503	22,944	7,754	2,612	6,441

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APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
NEW YORK	TONS					
ALBANY	308	90	362	248	70	299
ALLEGANY	1,138	315	1,332	921	244	1,125
BROOME	921	238	1,122	800	200	990
CATTARAUGUS	1,768	450	2,153	1,527	378	1,904
CAYUGA	1,449	414	1,697	1,261	358	1,506
CHAUTAUGUA	1,886	479	2,308	1,639	405	2,047
CHEMUNG	397	122	458	328	99	389
CHENANGO	1,799	473	2,194	1,593	415	1,969
CLINTON	1,254	321	1,533	1,111	281	1,381
COLUMBIA	1,138	311	1,369	999	269	1,221
CORTLAND	1,359	343	1,672	1,205	299	1,503
DELAWARE	1,978	490	2,443	1,761	430	2,204
DUTCHESS	922	253	1,081	760	199	920
ERIE	1,493	442	1,754	1,294	379	1,546
ESSEX	255	66	308	215	54	268
FRANKLIN	1,158	284	1,431	1,035	250	1,295
FULTON	311	81	380	274	70	340
GENESEE	1,123	307	1,340	960	258	1,175
GREENE	283	73	345	239	59	297
HERKIMER	1,570	384	1,942	1,397	336	1,752
JEFFERSON	2,653	672	3,246	2,346	585	2,917
LEWIS	1,792	438	2,222	1,612	391	2,022
LIVINGSTON	1,181	337	1,416	983	271	1,201
MADISON	1,831	455	2,261	1,631	398	2,041
MONROE	451	125	530	375	102	454
MONTGOMERY	1,270	310	1,571	1,125	270	1,414
NASSAU	4	1	5	3	1	4
NIAGARA	618	178	711	493	138	594
ONEIDA	2,163	546	2,653	1,904	470	2,375
ONONDAGA	1,178	321	1,412	1,028	278	1,257
ONTARIO	912	284	1,044	758	233	890
ORANGE	1,011	289	1,199	888	252	1,071
ORLEANS	506	162	543	395	125	447
OSWEGO	765	201	922	637	160	793
OTSEGO	2,032	514	2,499	1,806	452	2,249
PUTNAM	36	12	41	29	11	34
QUEENS	0	0	0	0	0	0
RENSSELAER	615	162	748	526	132	653
ROCKLAND	7	3	9	7	2	8
ST LAWRENCE	2,651	655	3,268	2,333	564	2,927
SARATOGA	521	140	630	456	121	559
SCHENECTADY	113	35	129	95	29	114
SCHOHARIE	989	247	1,214	864	209	1,080
SCHUYLER	282	81	337	232	65	282
SENECA	321	102	361	256	81	300
STEUBEN	1,833	499	2,219	1,558	412	1,921
SUFFOLK	95	38	75	81	33	65
SULLIVAN	1,069	566	983	1,009	547	920
TIOGA	874	256	1,033	769	224	921
TOMPKINS	823	278	935	716	244	821
ULSTER	367	140	398	312	122	342
WARREN	44	13	50	38	12	44
WASHINGTON	1,865	483	2,284	1,659	425	2,058
WAYNE	735	277	789	619	237	681
WESTCHESTER	23	8	21	14	5	14
WYOMING	2,094	514	2,588	1,855	448	2,326
YATES	398	125	452	302	93	360
TOTAL	56,632	15,403	68,022	49,281	13,195	60,290

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
NORTH CAROLINA	TONS					
ALAMANCE	586	223	546	290	122	253
ALEXANDER	562	194	373	396	134	209
ALLEGHANY	467	156	474	181	57	178
ANSON	946	356	569	577	214	339
ASHE	594	203	455	295	89	164
AVERY	54	21	52	5	1	6
BEAUFORT	437	188	334	210	106	175
BERTIE	314	130	225	161	77	125
BLADEN	479	186	365	258	109	205
BRUNSWICK	158	68	119	85	44	71
BUNCOMBE	492	157	509	173	48	181
BURKE	236	85	155	148	51	74
CABARRUS	345	131	320	113	45	103
CALDWELL	373	134	254	251	90	138
CAMDEN	416	177	291	228	114	188
CARTERET	40	20	29	24	14	18
CASWELL	199	72	188	54	19	52
CATAWBA	352	136	315	137	56	112
CHATHAM	2,259	774	1,200	1,823	615	819
CHEROKEE	197	106	169	111	71	87
CHOWAN	240	102	169	129	64	106
CLAY	211	100	189	122	69	103
CLEVELAND	658	256	528	298	119	200
COLUMBUS	536	239	408	283	148	233
CRAVEN	293	138	219	176	98	145
CUMBERLAND	450	199	353	228	119	190
CURRITUCK	315	134	223	167	84	139
DAVIDSON	561	204	506	240	91	213
DAVIE	548	223	509	272	128	245
DUPLIN	5,411	2,085	2,909	4,090	1,608	2,316
DURHAM	110	46	99	39	20	35
EDGEcombe	400	169	309	177	88	148
FORSYTH	207	76	197	62	23	61
FRANKLIN	445	197	345	219	113	177
GASTON	202	66	209	63	17	69
GATES	361	163	258	206	109	167
GRAHAM	22	9	22	2	0	2
GRANVILLE	369	152	332	144	67	127
GREENE	956	411	669	533	268	441
GUILFORD	491	180	464	199	77	183
HALIFAX	680	283	508	317	151	245
HARNETT	424	175	321	197	94	159
HAYWOOD	335	122	323	83	27	85
HENDERSON	232	69	248	89	23	97
HERTFORD	101	42	74	48	24	41
HOKE	268	112	196	134	66	111
HYDE	184	72	147	85	39	74
IREDELL	1,072	436	1,042	521	247	480
JACKSON	56	22	52	9	3	9
JOHNSTON	1,321	564	965	686	342	551
JONES	136	58	101	63	30	52
LEE	189	76	144	81	37	61
LENOIR	794	341	556	485	234	377
LINCOLN	349	135	292	178	72	124
MCDOWELL	81	30	76	22	8	22
MACON	128	43	127	37	11	40
MADISON	268	94	267	65	18	69
MARTIN	389	164	287	182	88	147
MECKLENBURG	253	81	249	97	26	89
MITCHELL	76	27	70	18	5	15

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
NORTH CAROLINA						
TONS						
MONTGOMERY	487	162	249	402	132	180
MOORE	1,337	444	596	1,178	385	483
NASH	659	292	461	395	197	282
NEW HANOVER	8	5	5	5	4	4
NORTHAMPTON	421	184	297	242	119	181
ONSLow	560	240	401	308	155	256
ORANGE	446	159	439	207	79	202
PAMLICO	36	20	27	23	15	16
PASQUOTANK	153	63	114	74	34	60
PENDER	417	174	254	309	137	188
PERQUIMANS	347	148	248	183	91	152
PERSON	220	98	187	94	50	80
PITT	894	420	660	532	295	426
POLK	92	41	80	38	20	29
RANDOLPH	2,040	723	1,234	1,555	553	804
RICHMOND	441	151	201	381	127	151
ROBESON	853	357	557	516	237	372
ROCKINGHAM	246	94	236	83	34	79
ROWAN	613	210	584	269	93	242
RUTHERFORD	282	109	233	114	45	76
SAMPSON	2,494	1,033	1,585	1,595	714	1,096
SCOTLAND	557	231	374	303	139	220
STANLY	836	385	642	471	248	343
STOKES	240	105	208	86	46	73
SURRY	711	304	559	415	194	280
SWAIN	20	7	17	4	2	4
TRANSYLVANIA	55	21	47	13	5	10
TYRRELL	114	48	85	57	29	50
UNION	3,210	1,177	1,788	2,313	840	1,252
VANCE	200	81	162	82	38	73
WAKE	634	256	544	344	158	287
WARREN	174	68	155	46	19	42
WASHINGTON	216	91	164	96	48	81
WATAUGA	245	83	184	129	39	70
WAYNE	1,397	584	913	927	423	628
WILKES	3,034	1,196	1,531	2,713	1,070	1,235
WILSON	268	110	178	161	72	110
YADKIN	595	238	506	328	144	246
YANCEY	133	44	135	39	10	42
TOTAL	55,313	21,768	38,744	33,596	13,971	22,050
NORTH DAKOTA						
ADAMS	697	275	654	178	63	179
BARNES	918	350	832	325	116	334
BENSON	717	276	672	205	70	213
BILLINGS	469	189	433	79	27	81
BOTTINEAU	511	200	472	144	51	144
BCWMAN	795	313	865	197	72	249
BURKE	313	123	306	77	26	85
BURLEIGH	1,263	492	1,165	320	111	336
CASS	977	377	812	467	189	410
CAVALIER	231	89	211	70	25	71
DICKEY	1,125	437	1,036	349	127	352
DIVIDE	317	127	292	67	25	65
DUNN	1,460	576	1,362	307	102	320
EDDY	438	170	443	112	39	134

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TONS						
NORTH DAKOTA						
EMMONS	1,290	470	1,264	472	142	536
FOSTER	497	192	447	200	72	169
GOLDEN VALLEY	491	190	458	138	48	146
GRAND FORKS	454	176	432	166	62	172
GRANT	1,457	554	1,378	443	149	486
GRIGGS	440	170	410	128	44	131
HETTINGER	759	289	691	242	82	248
KIDDER	1,192	457	1,163	320	103	364
LA MOURE	1,028	373	993	415	131	450
LOGAN	858	310	866	318	91	372
MC HENRY	1,293	500	1,200	355	121	375
MC INTOSH	920	326	920	377	111	434
MC KENZIE	1,458	589	1,435	277	106	307
MC LEAN	932	353	883	296	95	309
MERCER	849	325	809	230	74	252
MORTON	2,004	744	1,933	684	216	756
MOUNTRAIL	713	275	700	179	58	204
NELSON	424	161	384	155	53	151
OLIVER	655	244	628	208	66	231
PEMBINA	284	109	250	98	38	94
PIERCE	608	224	578	233	73	247
RAMSEY	249	95	235	81	28	85
RANSOM	781	305	725	222	82	227
RENVILLE	218	81	215	71	23	81
RICHLAND	1,277	493	1,080	516	201	474
ROLETTE	344	132	328	97	32	105
SARGENT	911	353	819	301	115	298
SHERIDAN	573	207	570	212	63	245
SIOUX	678	268	639	138	45	151
SLOPE	599	241	564	118	45	124
STARK	1,210	440	1,189	459	138	511
STEELE	188	70	183	65	21	68
STUTSMAN	1,490	562	1,471	475	151	536
TOWNER	204	79	197	65	25	69
TRAILL	276	104	247	126	47	127
WALSH	383	148	351	128	47	128
WARD	919	339	904	310	93	352
WELLS	705	263	665	296	99	287
WILLIAMS	769	307	760	158	57	180
TOTAL	40,611	15,512	38,519	12,669	4,290	13,455
OHIO						
ADAMS	786	272	794	413	128	462
ALLEN	636	268	538	449	205	407
ASHLAND	1,117	339	1,229	859	251	985
ASHTABULA	949	266	1,099	771	206	925
ATHENS	255	88	276	127	36	150
AUGLAIZE	1,201	428	1,141	897	327	918
BELMONT	475	158	520	279	82	331
BROWN	699	248	684	362	118	394
BUTLER	839	304	772	503	180	508
CARROLL	512	168	555	337	103	389
CHAMPAIGN	1,071	363	1,069	745	247	790
CLARK	1,109	414	889	784	295	635
CLERMONT	290	113	276	125	47	129
CLINTON	1,264	508	996	721	317	638

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
OHIO	TONS					
COLUMBIANA	803	251	886	620	186	710
COSHOCTON	870	304	882	512	171	555
CRAWFORD	793	304	729	509	205	493
CUYAHOGA	19	9	20	13	6	14
DARKE	2,561	1,092	2,119	1,765	817	1,618
DEFIANCE	549	217	471	391	164	365
DELAWARE	522	180	526	343	115	368
ERIE	263	85	270	200	66	219
FAIRFIELD	1,015	379	934	644	242	621
FAYETTE	977	400	752	532	243	452
FRANKLIN	307	112	301	188	69	195
FULTON	1,473	612	1,087	1,084	482	864
GALLIA	396	137	401	197	58	220
GEAUGA	337	98	382	271	77	322
GREENE	1,061	422	846	612	264	540
GUERNSEY	435	158	446	181	57	206
HAMILTON	130	47	129	71	23	77
HANCOCK	703	291	612	471	210	431
HARDIN	777	294	721	503	199	498
HARRISON	361	132	414	178	61	217
HENRY	654	289	528	509	241	441
HIGHLAND	1,225	469	1,079	641	250	625
HOCKING	145	61	135	52	24	48
HOLMES	1,762	573	1,665	1,354	435	1,361
HURON	602	212	590	414	149	435
JACKSON	375	147	316	147	58	135
JEFFERSON	211	73	219	118	38	136
KNOX	1,248	426	1,309	775	251	865
LAKE	31	12	29	20	7	19
LAWRENCE	216	79	218	112	37	123
LICKING	1,125	396	1,151	698	236	751
LOGAN	1,005	355	1,046	713	252	775
LORAIN	540	154	615	444	124	522
LUCAS	202	95	146	139	74	111
MADISON	1,099	419	935	669	265	614
MAHONING	500	192	498	395	155	411
MARION	629	257	567	392	174	367
MEDINA	601	183	668	476	140	551
MEIGS	333	114	352	177	52	207
MERCER	2,479	961	2,120	1,806	734	1,724
MIAMI	927	372	752	589	251	514
MONROE	391	135	413	200	60	235
MONTGOMERY	469	183	411	271	110	254
MORGAN	324	120	338	144	49	163
MORROW	582	214	596	350	129	378
MUSKINGUM	770	287	769	368	131	391
NOBLE	333	131	356	118	45	137
OTTAWA	182	77	162	144	65	136
PAULDING	197	85	176	140	66	133
PERRY	425	161	401	196	73	195
PICKAWAY	1,144	461	904	655	286	562
PIKE	325	127	283	149	59	140
PORTAGE	506	164	529	381	119	422
PREBLE	1,231	483	1,015	739	310	680
PUTNAM	1,110	484	912	790	377	716
RICHLAND	719	255	688	477	168	483
ROSS	923	377	767	439	194	389
SANDUSKY	504	184	469	374	139	364
SCIOTO	418	164	381	231	91	229
SENECA	732	274	698	493	192	503

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
OHIO						
TONS						
SHELBY	1,191	414	1,163	876	309	928
STARK	963	296	1,039	762	227	857
SUMMIT	84	31	90	58	23	63
TRUMBULL	508	154	573	381	107	451
TUSCARAWAS	896	291	921	656	203	710
UNION	885	303	874	616	211	653
VAN WERT	373	153	325	262	114	248
VINTON	131	49	123	57	21	59
WARREN	566	222	505	329	134	317
WASHINGTON	524	189	530	275	91	301
WAYNE	2,592	866	2,720	2,120	715	2,328
WILLIAMS	848	323	686	617	243	527
WOOD	422	176	345	303	133	255
WYANDOT	556	218	514	346	145	343
TOTAL	63,288	23,351	59,380	41,614	15,543	41,931
OKLAHOMA						
ADAIR	1,246	449	888	719	233	412
ALFALFA	727	283	688	189	68	181
ATOKA	871	352	791	67	20	65
BEAVER	1,014	395	875	228	72	170
BECKHAM	613	235	568	121	34	125
BLAINE	657	255	615	111	32	123
BRYAN	1,177	478	1,067	81	24	77
CADDO	1,619	639	1,388	325	108	221
CANADIAN	1,186	437	982	495	156	357
CARTER	610	249	554	36	11	35
CHEROKEE	969	374	772	307	106	244
CHOCTAW	817	328	750	73	21	77
CIMARRON	1,267	451	769	832	270	376
CLEVELAND	443	165	433	115	30	133
COAL	645	259	584	69	20	62
COMANCHE	742	283	701	159	43	170
COTTON	473	193	420	39	13	25
CRAIG	1,289	500	1,049	349	112	200
CREEK	640	260	581	63	22	61
CUSTER	667	249	609	199	58	185
DELAWARE	1,345	522	1,023	594	216	398
DEWEY	620	247	543	104	35	79
ELLIS	770	289	721	202	56	204
GARFIELD	739	290	680	152	52	147
GARVIN	1,050	421	956	136	45	132
GRADY	1,465	554	1,371	360	105	387
GRANT	624	246	602	136	49	141
GREER	314	125	288	29	8	31
HARMON	183	74	165	19	6	18
HARPER	948	344	679	485	154	261
HASKELL	712	291	648	39	12	36
HUGHES	731	299	659	44	15	41
JACKSON	367	143	304	90	29	50
JEFFERSON	715	295	646	21	7	16
JOHNSTON	764	304	700	78	22	82
KAY	708	278	643	170	61	165
KINGFISHER	860	316	738	331	103	262
KIOWA	579	232	528	72	23	63
LATIMER	394	161	357	13	4	12

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
OKLAHOMA	TONS					
LE FLORE	1,236	491	973	315	112	171
LINCOLN	1,031	375	1,023	308	78	358
LOGAN	641	256	592	89	29	92
LOVE	505	206	446	30	12	24
MCCLAIN	894	320	863	334	91	349
MCCURTAIN	1,462	577	1,077	599	220	296
MCINTOSH	612	246	560	55	17	58
MAJOR	735	278	690	167	46	176
MARSHALL	383	156	348	20	7	21
MAYES	951	354	917	253	67	285
MURRAY	619	246	595	207	76	216
MUSKOGEE	921	363	863	128	35	142
NOBLE	651	256	608	102	31	111
NOWATA	601	237	554	88	26	90
OKFUSKEE	654	263	589	63	20	59
OKLAHOMA	598	247	568	188	79	188
OKMULGEE	686	276	608	85	28	65
OSAGE	2,042	831	1,818	160	54	124
OTTAWA	716	283	659	127	41	128
PAWNEE	600	238	532	110	36	102
PAYNE	824	308	781	227	64	245
PITTSBURG	1,290	522	1,087	171	61	123
PONTOTOC	851	331	801	169	48	179
POTTAWATOMIE	814	318	775	228	78	245
PUSHMATAHA	553	229	487	48	20	37
ROGER MILLS	969	352	952	297	76	336
ROGERS	823	324	760	122	34	128
SEMINOLE	581	229	547	72	19	85
SEQUOYAH	591	244	513	76	31	62
STEPHENS	844	341	772	76	24	75
TEXAS	3,236	1,093	1,625	2,802	915	1,237
TILLMAN	597	231	483	193	62	106
TULSA	485	185	461	99	25	110
WAGONER	576	222	540	138	41	146
WASHINGTON	460	187	417	35	11	36
WASHITA	739	293	662	166	58	145
WOODS	683	277	605	72	25	52
WOODWARD	915	364	763	176	63	114
TOTAL	63,929	24,814	55,249	16,247	5,215	12,340
OREGON						
BAKER	1,242	499	1,156	170	63	164
BENTON	292	104	321	106	36	121
CLACKAMAS	1,350	556	1,089	856	373	602
CLATSOP	143	47	148	45	12	49
COLUMBIA	373	134	358	125	39	113
COOS	659	212	757	263	77	309
CROOK	681	278	616	87	33	75
CURRY	321	112	413	117	38	162
DESCHUTES	298	110	267	111	37	86
DOUGLAS	1,224	463	1,479	383	137	509
GILLIAM	297	117	264	65	23	49
GRANT	783	315	713	122	44	106
HARNEY	1,580	651	1,457	156	62	151
HOOD RIVER	83	27	75	43	12	33
JACKSON	739	287	709	212	84	202

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K

OREGON	TCNS					
JEFFERSON	533	194	386	306	102	166
JOSEPHINE	249	80	259	100	29	102
KLAMATH	1,259	488	1,193	363	129	316
LAKE	1,249	517	1,140	120	48	110
LANE	981	363	966	446	162	388
LINCOLN	117	44	120	28	9	32
LINN	1,191	456	1,350	519	209	576
MALHEUR	2,995	1,121	2,666	1,007	330	747
MARION	1,269	463	1,250	652	258	609
MORROW	517	203	533	101	35	119
MULTNOMAH	159	55	170	57	17	61
POLK	661	230	690	350	122	330
SHERMAN	229	110	186	94	54	68
TILLAMOOK	872	223	983	426	101	470
UMATILLA	1,714	647	1,390	767	272	505
UNION	623	246	546	165	63	132
WALLOWA	818	330	815	138	52	157
WASCO	475	196	427	64	26	57
WASHINGTON	577	179	586	273	80	264
WHEELER	275	110	271	54	19	56
YAMHILL	973	347	835	589	215	453
TOTAL	27,801	10,514	26,584	9,480	3,402	8,449

PENNSYLVANIA						
ADAMS	1,436	500	1,176	1,140	395	946
ALLEGHENY	161	62	161	113	44	117
ARMSTRONG	527	170	562	365	111	420
BEAVER	295	91	329	212	62	255
BEDFORD	1,160	321	1,342	906	234	1,103
BERKS	2,422	738	2,502	2,010	608	2,164
BLAIR	748	207	872	616	164	751
BRADFORD	2,425	636	2,943	2,109	541	2,605
BUCKS	720	251	779	597	210	664
BUTLER	701	244	731	478	163	535
CAMBRIA	362	117	349	269	84	267
CAMERON	14	4	17	11	3	14
CARON	36	16	36	31	13	30
CENTRE	891	248	1,029	725	192	874
CHESTER	1,920	551	2,113	1,580	439	1,803
CLARION	429	132	482	317	92	378
CLEARFIELD	292	92	331	232	73	272
CLINTON	215	60	249	175	47	211
COLUMBIA	526	179	503	378	127	389
CRAWFORD	1,393	383	1,643	1,141	299	1,398
CUMBERLAND	1,255	353	1,430	1,033	281	1,227
DAUPHIN	791	263	723	636	209	600
DELAWARE	83	25	86	60	17	68
ELK	131	49	139	108	43	118
ERIE	1,038	279	1,233	864	224	1,061
FAYETTE	479	164	514	327	107	374
FOREST	23	6	28	16	4	21
FRANKLIN	2,466	700	2,808	2,050	571	2,434
FULTON	403	115	458	302	79	364
GREENE	521	181	624	245	73	318
HUNTINGDON	695	193	804	551	144	669
INDIANA	872	303	923	659	227	734

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
PENNSYLVANIA						
	TONS					
JEFFERSON	446	142	501	348	106	408
JUNIATA	766	239	764	664	209	674
LACKAWANNA	309	96	350	256	78	299
LANCASTER	9,693	3,480	8,373	8,095	2,973	7,251
LAWRENCE	563	167	632	418	117	502
LEBANON	1,486	448	1,518	1,243	372	1,316
LEHIGH	549	196	459	441	159	386
LUZERNE	286	87	330	237	71	282
LYCOMING	695	197	800	559	151	674
MCKEAN	172	52	200	135	37	161
MERCER	970	278	1,119	736	195	893
MIFFLIN	1,021	294	1,078	877	250	947
MCMROE	74	24	78	49	14	54
MONTGOMERY	775	267	751	641	224	645
MONTOUR	219	76	217	158	54	171
NORTHAMPTON	615	173	726	537	150	646
NORTHUMBERLAND	793	303	682	596	233	536
PERRY	772	249	790	651	210	682
PHILADELPHIA	1	0	1	1	0	0
PIKE	19	4	21	14	3	17
POTTER	452	127	540	381	104	466
SCHUYLKILL	805	360	661	652	310	562
SNYDER	756	238	704	611	192	593
SOMERSET	1,472	408	1,704	1,202	321	1,451
SULLIVAN	184	48	220	159	39	194
SUSQUEHANNA	1,523	410	1,845	1,328	352	1,634
TIOGA	1,372	385	1,639	1,158	315	1,411
UNION	669	224	623	563	189	544
VENANGO	228	71	253	147	41	177
WARREN	449	121	544	388	103	478
WASHINGTON	1,085	339	1,214	703	196	842
WAYNE	1,163	321	1,392	1,017	279	1,237
WESTMORELAND	994	313	1,105	761	229	881
WYOMING	593	156	712	512	131	626
YORK	2,032	715	1,848	1,616	573	1,523
TOTAL	59,431	18,641	62,313	48,110	14,860	52,347
RHODE ISLAND						
BRISTOL	27	6	32	21	5	25
KENT	45	14	57	31	9	39
NEWPORT	120	34	135	94	25	114
PROVIDENCE	180	74	181	152	65	156
WASHINGTON	130	41	149	114	36	131
TOTAL	502	169	554	412	140	465
SOUTH CAROLINA						
ABBEVILLE	325	140	296	65	36	56
AIKEN	521	192	342	281	100	139
ALLENDALE	254	98	194	75	32	61
ANDERSON	717	284	676	175	74	165
BAMBERG	344	116	308	148	53	139
BARNWELL	287	115	217	104	52	90

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE			
	N	P	K	N	P	K	
SOUTH CAROLINA							TONS
BEAUFORT	126	54	104	30	17	26	
BERKELEY	186	79	141	67	36	56	
CALHOUN	206	80	160	68	29	57	
CHARLESTON	118	48	97	18	7	13	
CHEROKEE	197	80	168	37	17	27	
CHESTER	264	100	252	56	19	56	
CHESTERFIELD	684	273	412	409	166	243	
CLARENDON	395	174	271	237	120	167	
COLLETON	357	157	278	121	67	96	
DARLINGTON	365	164	280	168	90	123	
DILLON	113	46	91	30	15	26	
DORCHESTER	225	84	192	79	33	73	
EDGEFIELD	260	105	241	81	37	75	
FAIRFIELD	117	46	108	8	2	8	
FLORENCE	377	187	288	226	133	170	
GEORGETOWN	91	40	73	34	18	30	
GREENVILLE	377	138	360	95	32	95	
GREENWOOD	278	125	249	57	36	47	
HAMPTON	417	181	311	165	91	136	
HORRY	423	172	302	160	81	133	
JASPER	109	44	96	28	12	25	
KERSHAW	217	86	160	74	27	47	
LANCASTER	268	120	217	85	46	60	
LAURENS	539	228	492	142	73	126	
LEE	193	71	129	94	35	56	
LEXINGTON	542	212	343	348	135	174	
MC CORMICK	106	51	86	37	23	28	
MARION	161	66	116	55	28	46	
MARLBORO	108	42	93	22	9	18	
NEWBERRY	812	371	737	439	242	379	
OCONEE	316	140	285	92	52	78	
ORANGEBURG	1,341	480	1,135	588	230	525	
PICKENS	237	113	208	78	49	63	
RICHLAND	183	85	153	101	54	78	
SALUDA	615	238	561	206	84	170	
SPARTANBURG	657	293	539	277	144	192	
SUMTER	705	237	457	463	154	265	
UNION	140	57	130	9	4	10	
WILLIAMSBURG	368	155	266	161	81	129	
YORK	470	183	394	137	52	105	
TOTAL	16,111	6,550	13,008	6,430	2,927	4,881	
SOUTH DAKOTA							
AURORA	1,434	581	1,279	538	230	504	
BEADLE	2,261	887	2,070	857	331	830	
BENNETT	617	254	551	114	46	102	
BCN HOMME	1,546	612	1,289	801	330	698	
BROOKINGS	2,034	778	1,848	1,011	384	979	
BROWN	2,537	1,005	2,197	1,092	430	915	
BRULE	1,360	556	1,194	460	197	401	
BUFFALO	416	169	389	82	32	82	
BUTTE	1,645	614	2,110	643	226	888	
CAMPBELL	769	293	730	280	97	292	
CHARLES MIX	2,374	956	1,981	1,032	431	871	
CLARK	1,278	499	1,207	453	170	452	
CLAY	958	381	710	598	246	441	

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K

SOUTH DAKOTA	TCNS					
CODINGTON	1,216	434	1,140	679	228	678
CORSON	1,188	478	1,138	257	99	275
CUSTER	464	185	447	93	31	103
DAVISON	1,164	468	1,020	544	229	499
DAY	1,312	474	1,297	647	215	711
DEUEL	1,265	444	1,275	660	207	729
DEWEY	959	381	933	226	83	252
DOUGLAS	1,383	552	1,188	678	283	631
EDMUNDS	1,414	550	1,320	505	185	518
FALL RIVER	1,456	571	1,204	747	286	535
FAULK	1,193	483	1,148	304	125	318
GRANT	1,244	425	1,218	751	236	782
GREGORY	1,620	629	1,482	606	224	602
HAAKON	1,043	428	970	153	61	150
HAMLIN	902	333	859	455	161	472
HAND	1,985	799	1,853	571	230	554
HANSON	981	391	846	465	193	419
HARDING	1,322	526	1,485	309	117	416
HUGHES	497	201	468	96	38	98
HUTCHINSON	2,714	1,068	2,290	1,372	557	1,235
HYDE	988	405	938	158	63	165
JACKSON	366	147	335	61	21	59
JERAULD	923	364	857	354	139	335
JONES	538	220	499	92	38	90
KINGSBURY	1,470	574	1,353	600	230	562
LAKE	1,544	620	1,317	823	346	735
LAWRENCE	341	127	339	118	37	130
LINCOLN	1,639	633	1,373	976	388	850
LYMAN	1,179	481	1,057	261	107	242
MCCOOK	1,548	612	1,348	731	299	690
MCPHERSON	1,285	495	1,222	419	142	438
MARSHALL	1,192	470	1,085	488	191	434
MEADE	2,135	839	2,196	518	181	621
MELLETTTE	897	368	832	193	81	192
MINER	1,100	440	997	407	169	397
MINNEHAHA	2,721	1,047	2,314	1,588	623	1,412
MCCOY	1,534	584	1,363	819	311	754
PENNINGTON	1,043	415	991	222	79	237
PERKINS	1,755	705	1,837	387	151	472
POTTER	1,155	455	1,013	514	204	442
ROBERTS	1,560	584	1,461	752	268	756
SANBORN	1,181	466	1,078	477	187	438
SHANNON	435	180	391	49	20	45
SPINK	2,059	848	1,850	805	352	724
STANLEY	582	239	530	73	30	70
SULLY	1,001	398	802	483	189	338
TODD	886	352	819	202	71	203
TRIPP	1,959	783	1,750	650	258	615
TURNER	2,265	860	1,950	1,381	533	1,256
UNION	1,206	480	951	703	295	580
WALWORTH	702	271	642	273	99	267
WASHABAUGH	405	166	373	58	23	57
YANKTON	1,467	582	1,187	806	334	682
ZIEBACH	777	315	749	158	65	168
TOTAL	86,389	33,930	78,935	34,678	13,462	32,888

TENNESSEE						
ANDERSON	175	64	175	58	16	68

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TENNESSEE	TONS					
BEDFORD	1,109	410	1,070	420	133	451
BENTON	218	90	185	50	23	43
BLEDSOE	362	141	335	102	35	106
BLOUNT	603	221	596	222	68	254
BRADLEY	813	271	621	575	175	403
CAMPBELL	126	45	127	46	13	53
CANNON	422	158	398	154	52	167
CARROLL	677	271	581	249	105	236
CARTER	169	63	167	49	14	56
CHEATHAM	259	107	221	52	24	45
CHESTER	213	82	188	74	28	74
CLAIBORNE	427	153	430	147	40	174
CLAY	301	115	274	100	36	103
COCKE	519	169	490	315	88	301
COFFEE	706	248	689	328	99	362
CROCKETT	278	114	240	67	30	60
CUMBERLAND	443	163	403	196	66	192
DAVIDSON	459	178	421	186	69	180
DECATUR	354	147	287	121	57	105
DE KALB	442	167	426	163	56	178
DICKSON	515	205	463	102	37	102
DYER	572	239	487	192	88	173
FAYETTE	899	404	804	381	194	346
FENTRESS	492	171	344	308	97	187
FRANKLIN	954	372	861	456	175	440
GIBSON	1,015	414	842	364	163	330
GILES	1,269	462	1,236	444	131	506
GRAINGER	369	136	366	107	29	127
GREENE	1,661	519	1,813	945	239	1,148
GRUNDY	374	135	234	267	94	147
HAMBLEN	433	154	407	204	62	202
HAMILTON	460	169	361	272	93	191
HANCOCK	198	73	196	63	18	72
HARDEMAN	447	182	393	80	33	75
HARDIN	404	165	332	140	64	126
FAWKINS	619	220	631	233	63	278
HAYWOOD	326	130	298	57	20	59
HENDERSON	712	295	573	255	119	223
HENRY	737	284	657	284	107	285
HICKMAN	483	197	412	130	58	119
HOUSTON	123	50	112	18	7	19
HUMPHREYS	367	149	318	87	38	81
JACKSON	316	125	287	93	35	96
JEFFERSON	720	261	719	317	100	353
JOHNSON	229	77	243	113	31	135
KNOX	536	208	519	180	63	196
LAKE	8	3	8	1	1	2
LAUDERDALE	404	163	354	103	42	98
LAWRENCE	810	292	778	325	99	353
LEWIS	148	59	126	43	19	40
LINCOLN	1,430	518	1,394	546	166	608
LOUDON	570	194	589	253	67	298
MCMINN	1,234	430	1,236	868	290	895
MCNAIRY	474	214	376	206	112	171
MACON	531	197	515	168	51	191
MADISON	382	153	346	82	31	85
MARION	276	97	206	154	49	101
MARSHALL	895	302	934	414	111	496
MAURY	1,405	513	1,390	470	135	547
MEIGS	258	87	251	107	27	113

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TENNESSEE						
TONS						
MONROE	662	216	677	393	112	429
MONTGOMERY	886	353	790	255	101	250
MOORE	293	104	283	107	31	118
MORGAN	167	55	131	101	30	72
OBION	887	352	731	378	154	328
OVERTON	615	236	566	195	68	206
PERRY	172	71	142	51	23	42
PICKETT	162	64	150	34	12	36
POLK	277	87	217	210	62	156
PUTNAM	577	219	538	188	64	202
RHEA	243	96	227	85	33	89
ROANE	245	92	243	96	31	106
ROBERTSON	1,227	506	1,151	512	217	516
RUTHERFORD	1,290	452	1,302	534	150	621
SCOTT	160	57	133	84	26	67
SEGUATCHIE	177	64	133	105	36	70
SEVIER	461	186	422	147	58	144
SHELBY	417	161	393	94	30	105
SMITH	778	304	712	224	83	234
STEWART	96	39	89	11	4	11
SULLIVAN	490	175	500	185	52	219
SUMNER	1,084	413	1,027	371	126	391
TIPTON	418	166	375	107	41	109
TROUSDALE	308	113	303	96	27	110
UNICOI	31	12	29	9	2	9
UNION	164	60	162	49	13	57
VAN BUREN	154	59	140	48	16	49
WARREN	903	367	827	393	162	380
WASHINGTON	1,014	344	1,074	553	162	648
WAYNE	371	151	316	98	44	91
WEAKLEY	1,092	408	968	569	215	576
WHITE	837	308	802	338	110	372
WILLIAMSON	1,159	416	1,163	404	112	480
WILSON	1,070	417	1,013	307	108	333
TOTAL	52,017	19,518	48,464	20,837	7,100	21,251
TEXAS						
ANDERSON	976	391	902	142	48	150
ANDREWS	191	79	173	8	3	8
ANGELINA	440	192	367	109	55	70
ARANSAS	47	19	43	2	0	2
ARCHER	947	352	922	403	131	426
ARMSTRONG	378	146	286	123	40	55
ATASCOSA	1,506	581	1,408	307	87	319
AUSTIN	1,294	531	1,155	159	61	130
BAILEY	955	328	592	725	235	380
BANDERA	400	159	435	74	29	102
BASTROP	1,050	428	944	108	40	101
BAYLOR	263	107	225	40	14	24
BEE	677	279	615	24	8	23
BELL	1,076	437	966	147	56	135
BEXAR	1,281	500	1,198	484	176	470
BLANCO	664	256	659	188	66	206
BORDEN	404	164	399	44	16	53
BOSQUE	1,339	516	1,038	472	163	291
BOWIE	1,300	492	1,172	374	110	326

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TEXAS	TONS					
BRAZORIA	1,178	481	1,066	116	43	113
BRAZOS	1,005	430	930	273	128	265
BREWSTER	643	261	663	57	21	89
BRISCOE	251	104	221	22	9	16
BROOKS	641	266	563	97	41	83
BROWN	1,135	444	1,065	302	108	309
BURLESON	962	390	843	133	52	118
BURNET	759	304	800	140	54	181
CALDWELL	1,023	434	743	492	216	272
CALHOUN	316	131	286	3	1	2
CALLAHAN	521	211	472	52	19	49
CAMERON	529	193	398	291	95	182
CAMP	562	225	410	334	132	203
CARSON	632	235	430	313	104	143
CASS	605	241	512	97	31	53
CASTRO	3,968	1,328	2,121	3,584	1,177	1,722
CHAMBERS	464	192	422	3	1	4
CHEROKEE	992	377	942	210	53	225
CHILDRESS	228	93	202	15	5	12
CLAY	1,208	456	1,011	381	115	260
COCHRAN	682	233	351	565	184	247
COKE	650	249	858	198	72	301
COLEMAN	1,407	547	1,687	370	135	530
COLLIN	995	377	863	327	102	252
COLLINGSWORTH	466	186	380	97	34	49
COLORADO	1,352	565	1,209	159	73	143
COMAL	344	138	343	53	20	65
COMANCHE	1,480	541	1,456	547	163	581
CONCHO	1,560	588	2,231	603	224	918
COOKE	1,155	423	1,147	335	88	389
CORYELL	1,084	436	1,078	264	106	292
COTTLE	306	126	275	5	2	6
CRANE	63	26	57	0	0	0
CROCKETT	1,892	716	2,652	678	250	1,042
CROSBY	249	109	209	64	35	49
CULBERSON	331	138	300	2	0	2
DALLAM	882	317	545	549	179	246
DALLAS	687	244	591	320	94	255
DAWSON	306	149	241	139	84	111
DEAF SMITH	4,943	1,648	2,323	4,602	1,510	2,030
DELTA	360	139	344	59	14	68
DENTON	1,298	567	1,174	392	194	351
DE WITT	1,547	610	1,371	351	118	310
DICKENS	490	224	428	93	61	70
DIMITT	869	346	708	174	58	78
DONLEY	453	178	366	101	33	48
DUVAL	1,126	449	1,018	114	32	114
EASTLAND	962	385	810	180	66	144
ECTOR	117	48	105	7	3	6
EDWARDS	946	366	1,222	272	100	413
ELLIS	940	374	876	150	48	156
EL PASO	930	286	679	821	245	571
ERATH	1,821	617	1,888	896	243	1,026
FALLS	1,043	425	947	87	29	80
FANNIN	1,019	409	942	99	29	107
FAYETTE	1,927	814	1,737	562	258	527
FISHER	605	244	526	131	54	121
FLOYD	712	267	508	359	124	193
FOARD	168	69	151	11	5	11
FORT BEND	1,000	411	909	62	25	61

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TEXAS	TCNS					
FRANKLIN	751	256	708	343	89	329
FREESTONE	1,127	465	1,019	45	17	44
FRIO	1,080	428	876	302	108	177
GAINES	252	118	236	80	47	71
GALVESTON	263	107	241	17	6	19
GARZA	318	133	282	20	9	13
GILLESPIE	1,813	706	1,857	687	270	740
GLASSCOCK	224	90	220	31	12	36
GOLIAD	800	330	707	65	26	44
GONZALES	4,234	1,832	2,875	2,399	1,080	1,307
GRAY	1,163	418	685	796	270	369
GRAYSON	1,122	452	1,027	124	41	127
GREGG	243	97	222	25	8	25
GRIMES	1,424	508	1,433	491	126	573
GUADALUPE	895	369	820	199	84	193
HALE	1,993	698	1,117	1,573	532	765
HALL	328	135	293	19	7	13
HAMILTON	1,011	398	1,026	322	120	356
HANSFORD	1,768	588	827	1,638	535	711
HARDEMAN	218	90	193	19	7	15
HARDIN	96	39	86	3	1	2
HARRIS	1,373	532	1,301	280	82	301
HARRISON	752	295	704	111	30	122
HARTLEY	1,679	572	858	1,410	461	616
HASKELL	380	156	335	69	30	64
HAYS	501	197	475	83	23	87
HEMPHILL	538	197	358	292	95	136
HENDERSON	1,004	409	917	68	22	70
HIDALGO	890	344	827	194	57	192
HILL	1,213	450	1,039	437	131	331
HOCKLEY	489	184	311	313	117	174
HOOD	485	183	417	152	45	113
HOPKINS	3,004	896	3,334	1,920	464	2,281
HOUSTON	1,301	524	1,193	128	41	137
HOWARD	225	93	219	27	11	32
HUDSPETH	391	162	339	41	17	27
HUNT	889	353	829	102	28	113
HUTCHINSON	296	119	241	63	23	33
IRION	739	283	967	219	78	335
JACK	589	240	532	40	14	36
JACKSON	774	320	704	17	4	16
JASPER	315	135	291	79	38	75
JEFF DAVIS	507	210	460	2	0	2
JEFFERSON	517	213	468	6	1	6
JIM HOGG	710	294	644	1	0	2
JIM WELLS	1,032	368	1,040	352	90	413
JOHNSON	1,003	345	1,029	453	122	515
JONES	488	194	391	127	46	69
KARNES	1,002	402	919	119	38	123
KAUFMAN	1,280	523	1,132	121	43	82
KENDALL	611	226	697	223	71	283
KENEDY	573	238	519	0	0	0
KENT	212	88	193	6	2	7
KERR	723	281	886	191	70	281
KIMBLE	801	308	1,047	240	89	366
KING	291	121	265	3	2	4
KINNEY	988	377	1,335	308	112	480
KLEBERG	1,341	540	1,138	151	47	61
KNOX	256	105	228	20	8	17
LAMAR	1,329	530	1,215	198	61	186

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TEXAS	TCNS					
LAMB	716	257	471	489	166	263
LAMPASAS	877	342	979	230	83	292
LA SALLE	885	364	793	36	11	22
LAVACA	1,413	589	1,270	259	113	229
LEE	1,232	510	1,013	264	117	202
LEON	1,124	466	1,015	59	24	53
LIBERTY	610	255	555	49	22	45
LIMESTONE	1,040	422	953	61	17	65
LIPSCOMB	457	179	365	122	40	62
LIVE OAK	816	335	731	59	22	50
LLANO	902	377	764	204	100	178
LOVING	87	36	79	0	0	0
LUBBOCK	1,822	650	977	1,507	530	734
LYNN	162	70	140	36	18	30
MCCULLOCH	1,431	551	1,781	437	161	625
MCLENNAN	1,712	658	1,472	663	234	589
MCMULLEN	592	245	532	12	4	6
MADISON	839	336	775	80	22	87
MARION	176	71	157	13	4	9
MARTIN	185	78	159	25	12	20
MASCN	1,126	441	1,035	384	144	316
MATAGORDA	1,258	521	1,137	21	8	15
MAVERICK	1,692	602	996	1,141	374	496
MEDINA	1,247	496	1,042	267	92	158
MENARD	818	313	1,090	257	94	393
MIDLAND	600	217	434	333	108	183
MILAM	1,349	555	1,198	224	94	202
MILLS	1,218	474	1,433	376	141	482
MITCHELL	380	153	379	48	18	58
MONTAGUE	959	381	882	126	36	128
MONTGOMERY	454	179	426	65	19	71
MOORE	2,034	684	976	1,850	611	824
MORRIS	408	165	336	75	27	33
MOTLEY	421	174	378	10	3	6
NACOGDOCHES	2,432	849	1,650	1,702	551	980
NAVARRO	1,240	501	1,124	89	25	81
NEWTON	138	56	127	15	6	16
NOLAN	879	323	702	482	162	300
NUECES	494	184	479	157	46	173
OCHILTREE	1,415	490	747	1,156	385	523
OLDHAM	1,038	370	620	696	228	309
ORANGE	115	49	105	14	7	15
PALO PINTO	565	233	511	36	15	34
PANOLA	1,457	516	905	894	283	395
PARKER	1,125	420	1,101	376	114	414
PARMER	4,472	1,485	2,098	4,184	1,368	1,835
PECOS	1,651	626	1,933	614	217	701
POLK	273	110	253	23	7	27
POTTER	288	119	252	26	10	19
PRESIDIO	720	292	732	58	21	90
RAINS	461	171	444	141	40	156
RANDALL	2,529	858	1,366	2,145	706	1,038
REAGAN	420	162	558	124	45	193
REAL	231	91	288	58	21	87
RED RIVER	1,483	592	1,281	204	62	124
REEVES	1,552	531	856	1,226	396	558
REFUGIO	578	240	523	6	2	4
ROBERTS	307	116	221	122	39	53
ROBERTSON	1,289	531	1,118	161	66	124
ROCKWALL	98	40	87	7	2	5

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TEXAS	TONS					
RUNNELS	1,366	507	1,370	602	202	541
RUSK	1,061	408	918	251	73	183
SABINE	633	210	305	503	157	187
SAN AUGUSTINE	627	214	349	425	132	170
SAN JACINTO	204	83	186	15	5	15
SAN PATRICIO	574	219	398	279	95	130
SAN SABA	1,881	738	2,076	536	204	661
SCHLEICHER	1,049	401	1,393	337	124	508
SCURRY	442	186	388	104	48	91
SHACKELFORD	440	178	394	44	13	33
SHELBY	2,734	1,044	1,536	2,042	757	906
SHERMAN	1,733	583	843	1,541	505	675
SMITH	1,115	458	1,022	140	53	139
SOMERVELL	137	56	125	15	5	15
STARR	779	316	719	46	12	53
STEPHENS	497	205	467	26	9	30
STERLING	704	268	954	221	81	345
STONEWALL	405	165	350	48	18	32
SUTTON	1,054	409	1,362	291	107	448
SWISHER	2,437	839	1,283	1,996	661	898
TARRANT	1,219	485	1,143	323	115	333
TAYLOR	1,540	544	981	1,058	347	517
TERRELL	882	330	1,285	344	126	532
TERRY	157	64	129	55	23	48
THROCKMORTON	445	182	401	27	8	20
TITUS	842	326	720	251	83	182
TOM GREEN	1,912	721	2,293	839	303	966
TRAVIS	690	266	669	146	42	167
TRINITY	386	163	349	20	11	17
TYLER	169	68	153	10	3	11
UPSHUR	1,061	375	918	520	153	419
UPTON	511	193	702	171	61	262
UVALDE	965	379	1,004	297	113	308
VAL VERDE	1,951	741	2,803	760	287	1,156
VAN ZANDT	1,440	574	1,320	186	55	187
VICTORIA	937	385	850	47	17	46
WALKER	741	287	626	215	70	151
WALLER	716	288	643	103	36	96
WARD	125	54	111	10	6	7
WASHINGTON	1,209	477	1,139	254	85	270
WEBB	1,616	672	1,465	16	7	14
WHARTON	1,082	453	982	69	34	62
WHEELER	914	338	623	476	157	231
WICHITA	417	167	376	67	23	62
WILBARGER	853	326	622	358	120	171
WILLACY	108	44	96	7	3	7
WILLIAMSON	1,156	482	1,077	287	127	274
WILSON	1,246	480	1,175	297	92	323
WINKLER	92	38	83	0	0	0
WISE	1,366	466	1,412	628	167	722
WOOD	1,079	375	1,035	444	113	446
YOAKUM	149	56	140	37	10	39
YOUNG	604	243	521	95	32	62
ZAPATA	572	236	520	2	0	2
ZAVALA	901	349	710	284	94	147
TOTAL	232,808	89,216	201,969	86,070	29,322	63,149
UTAH						
BEAVER	393	135	413	169	46	201

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
UTAH						
	TCNS					
BOX ELDER	1,747	615	1,908	798	239	912
CACHE	1,368	398	1,509	1,035	279	1,159
CARBON	297	117	351	81	31	112
DAGGETT	99	39	119	26	9	36
DAVIS	564	199	468	292	91	259
DUCHESNE	854	314	946	301	92	377
EMERY	382	146	357	98	30	99
GARFIELD	297	120	301	52	18	64
GRAND	106	44	96	14	5	13
IRON	606	228	792	231	81	318
JUAB	236	92	237	63	22	64
KANE	214	88	221	34	13	43
MILLARD	1,113	401	1,069	508	157	481
MORGAN	365	128	503	174	56	245
PIUTE	196	68	215	85	23	102
RICH	760	304	824	160	59	204
SALT LAKE	905	398	1,010	606	287	647
SAN JUAN	395	157	403	85	32	97
SANPETE	2,216	804	2,273	1,040	354	1,152
SEVIER	674	243	727	326	106	332
SUMMIT	747	262	968	370	117	493
TOOELE	477	184	571	154	57	208
UINTAH	708	276	757	181	64	226
UTAH	1,870	746	1,946	1,105	453	1,132
WASATCH	515	180	687	283	94	375
WASHINGTON	288	105	290	101	29	115
WAYNE	267	99	312	93	31	120
WEBER	713	226	742	492	142	505
TOTAL	19,372	7,116	21,015	8,957	3,017	10,091
VERMONT						
ADDISON	1,939	477	2,398	1,727	418	2,166
BENNINGTON	200	51	245	170	42	213
CALEDONIA	871	294	988	789	271	899
CHITTENDEN	929	239	1,129	815	205	1,007
ESSEX	139	34	173	124	30	157
FRANKLIN	2,160	529	2,675	1,937	470	2,426
GRAND ISLE	241	58	298	212	51	267
LAMOILLE	447	117	546	403	104	496
ORANGE	816	205	1,004	721	179	900
ORLEANS	1,441	351	1,787	1,297	313	1,627
RUTLAND	899	224	1,109	789	192	990
WASHINGTON	483	123	591	421	106	524
WINDHAM	329	85	403	283	72	354
WINDSOR	454	117	551	380	92	476
TOTAL	11,348	2,904	13,897	10,068	2,545	12,502
VIRGINIA						
ACCOMACK	534	174	233	476	154	198
ALBEMARLE	598	239	546	163	63	163
ALLEGHANY	55	20	54	12	3	15
AMELIA	422	134	372	297	88	271

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
VIRGINIA	TONS					
AMHERST	235	94	222	44	14	46
APPOMATTOX	234	84	231	87	25	99
AUGUSTA	2,214	810	2,020	1,219	421	1,117
BATH	139	55	140	31	11	35
BEDFORD	821	281	850	385	107	450
BLAND	307	107	323	133	39	157
BOTETOURT	388	140	394	178	56	202
BRUNSWICK	287	96	280	156	48	178
BUCHANAN	17	4	17	8	2	11
BUCKINGHAM	356	137	255	186	69	116
CAMPBELL	399	143	400	172	52	196
CAROLINE	142	60	124	72	33	67
CARROLL	517	174	540	246	65	292
CHARLES CITY	44	18	38	17	6	17
CHARLOTTE	373	132	367	165	49	187
CHESTERFIELD	97	40	69	66	28	43
CLARKE	367	123	385	174	49	204
CRAIG	112	41	116	34	10	40
CULPEPER	568	193	588	275	76	317
CUMBERLAND	381	126	287	247	75	178
DICKENSON	25	8	23	9	2	9
DINWIDDIE	255	94	213	112	42	113
ESSEX	65	25	48	22	10	18
FAIRFAX	71	22	76	41	11	49
FAUQUIER	882	307	884	404	114	446
FLOYD	487	162	512	236	63	280
FLUVANNA	183	82	161	59	32	52
FRANKLIN	809	249	894	518	138	621
FREDERICK	360	150	333	132	58	128
GILES	161	63	158	34	11	38
GLOUCESTER	43	17	33	18	7	16
GOCCHLAND	192	68	154	92	30	69
GRAYSON	484	172	497	183	50	219
GREENE	226	82	181	119	39	93
GREENSVILLE	255	101	177	93	45	78
HALIFAX	389	142	379	160	50	177
HANOVER	491	178	430	235	81	227
HENRICO	129	43	105	87	28	72
HENRY	119	43	111	39	12	40
HIGHLAND	381	146	398	166	61	171
ISLE OF WIGHT	396	158	277	158	73	130
JAMES CITY	47	18	41	17	7	16
KING AND QUEEN	95	34	80	50	19	52
KING GEORGE	95	36	87	39	14	40
KING WILLIAM	141	45	142	89	26	101
LANCASTER	44	18	30	18	9	14
LEE	405	145	407	157	45	181
LOUDOUN	842	299	834	394	122	434
LCUISA	319	125	301	121	46	124
LUNENBURG	200	77	180	66	24	69
MADISON	578	200	571	279	83	310
MATHEWS	40	23	31	29	19	23
MECKLENBURG	443	180	392	157	68	153
MIDDLESEX	66	20	67	44	12	50
MONTGOMERY	456	155	484	235	70	276
NANSEMOND	584	249	414	294	151	249
NELSON	178	76	161	39	19	35
NEW KENT	49	20	40	17	7	15
NORTHAMPTON	23	9	20	9	3	9
NORTHUMBERLAND	50	19	38	21	9	20

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
TONS						
VIRGINIA						
NOTTOWAY	392	136	302	303	101	220
ORANGE	471	167	468	202	60	225
PAGE	581	202	401	400	130	241
PATRICK	275	99	272	117	36	133
PITTSYLVANIA	553	208	524	209	73	226
POWHATAN	221	78	228	144	49	162
PRINCE EDWARD	309	97	335	180	47	217
PRINCE GEORGE	150	59	118	63	26	59
PRINCE WILLIAM	190	65	195	93	26	107
PULASKI	402	139	425	189	56	221
RAPPAHANNOCK	158	65	142	24	9	24
RICHMOND	81	34	65	38	18	34
ROANOKE	272	157	231	201	128	166
ROCKBRIDGE	538	203	532	167	51	185
ROCKINGHAM	5,557	1,961	3,775	4,280	1,478	2,874
RUSSELL	590	217	630	242	77	287
SCOTT	286	104	283	102	29	116
SHENANDOAH	1,469	534	1,062	984	345	669
SMYTH	516	179	546	229	66	274
SOUTHAMPTON	687	271	480	269	125	232
SPOTSYLVANIA	222	72	236	125	34	147
STAFFORD	79	30	80	32	10	35
SURRY	213	85	149	89	43	77
SUSSEX	307	122	209	114	54	94
TAZEWELL	447	162	482	196	63	230
WARREN	143	56	135	34	13	35
WASHINGTON	1,125	406	1,183	693	238	778
WESTMORELAND	74	29	59	24	10	22
WISE	42	14	45	23	7	28
WYTHE	808	279	835	388	115	449
YORK	27	12	26	19	9	20
CHESAPEAKE CITY	139	48	126	79	27	85
VIRGINIA BEACH CITY	1,322	524	866	538	262	458
TOTAL	39,311	14,299	34,660	20,625	7,068	18,946
WASHINGTON						
ADAMS	563	219	506	140	51	117
ASCTIN	160	64	141	30	11	22
BENTON	615	236	546	167	56	125
CHELAN	40	16	36	8	3	7
CLALLAM	183	59	186	59	15	62
CLARK	776	243	780	357	106	337
COLUMBIA	135	55	118	23	11	20
COWLITZ	206	67	187	102	29	77
DOUGLAS	238	94	198	63	21	39
FERRY	174	70	160	18	8	17
FRANKLIN	644	235	570	259	88	201
GARFIELD	183	76	161	28	11	24
GRANT	1,980	691	1,431	1,208	396	691
GRAYS HARBOR	443	121	482	204	49	218
ISLAND	230	110	210	145	81	124
JEFFERSON	62	21	63	19	6	21
KING	1,089	311	1,139	561	159	553
KITSAP	66	25	53	33	12	22
KITTITAS	809	308	672	280	93	177
KLICKITAT	523	205	475	113	39	94

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
WASHINGTON						
	TONS					
LEWIS	880	297	814	476	166	389
LINCOLN	528	216	481	65	26	59
MASON	35	12	34	10	3	10
OKANOGAN	780	314	713	134	48	113
PACIFIC	123	38	128	41	10	44
PEND OREILLE	113	43	105	22	8	22
PIERCE	1,092	399	986	703	283	562
SAN JUAN	61	24	60	12	5	12
SKAGIT	1,098	342	1,159	548	176	558
SKAMANIA	12	5	11	2	0	3
SNOHOMISH	1,444	489	1,425	839	310	754
SPOKANE	818	341	750	354	170	312
STEVENS	689	240	677	196	57	201
THURSTON	895	398	786	597	303	480
WAHKIAKUM	149	42	160	60	14	65
WALLA WALLA	1,002	351	630	710	237	357
WHATCOM	2,050	612	2,203	1,067	333	1,095
WHITMAN	733	290	629	206	81	163
YAKIMA	2,887	992	2,217	1,794	592	1,114
TOTAL	24,508	8,671	22,082	11,653	4,067	9,261
WEST VIRGINIA						
BARBOUR	184	71	182	48	16	56
BERKELEY	328	109	340	187	54	212
BOONE	5	2	5	1	0	2
BRAXTON	127	50	127	29	9	33
BROOKE	37	12	39	22	5	24
CABELL	74	28	68	23	8	23
CALHOUN	51	18	49	12	3	15
CLAY	17	7	15	3	0	3
DODDRIDGE	77	30	79	20	8	25
FAYETTE	70	24	71	25	7	29
GILMER	84	31	83	22	7	26
GRANT	458	165	365	257	85	173
GREENBRIER	603	219	637	245	75	288
HAMPSHIRE	355	135	292	150	52	103
HANCOCK	12	4	13	5	2	5
HARDY	1,125	398	741	764	256	445
HARRISON	244	89	250	97	28	112
JACKSON	222	83	224	72	21	83
JEFFERSON	535	170	566	346	99	395
KANAWHA	39	16	33	8	3	6
LEWIS	222	82	236	81	24	96
LINCOLN	27	10	28	12	4	14
LOGAN	7	2	8	5	2	6
MARION	100	39	98	25	9	28
MARSHALL	261	89	280	122	32	145
MASON	447	151	475	271	81	314
MERCER	118	46	115	38	15	39
MINERAL	170	63	173	66	21	77
MINGO	1	0	1	0	0	0
MONONGALIA	126	50	130	34	11	41
MONROE	460	164	500	188	55	229
MORGAN	42	15	42	19	5	21
NICHOLAS	103	40	101	33	13	36
OHIO	106	30	122	78	20	94

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
WEST VIRGINIA						
TONS						
PENDLETON	1,108	412	882	642	229	471
PLEASANTS	21	7	21	5	2	6
PCCAHONTAS	367	141	429	108	40	145
PRESTON	425	140	456	235	67	280
PUTNAM	93	36	86	26	9	26
RALEIGH	103	47	98	45	24	44
RANDOLPH	252	95	288	83	28	109
RITCHIE	115	44	115	29	10	36
ROANE	144	57	139	27	10	29
SUMMERS	97	38	96	28	8	32
TAYLOR	118	46	120	42	16	48
TUCKER	83	31	86	27	9	33
TYLER	116	42	115	45	13	51
UPSHUR	120	44	123	37	11	44
WAYNE	58	20	56	26	6	27
WEBSTER	16	7	16	7	1	7
WETZEL	67	25	70	24	7	29
WIRT	81	31	80	23	5	26
WOOD	205	86	194	108	47	106
WYOMING	10	3	10	2	0	3
TOTAL	10,436	3,794	9,968	4,877	1,572	4,750
WISCONSIN						
ADAMS	306	101	319	206	62	233
ASHLAND	235	61	286	196	47	246
BARRON	4,142	1,229	3,942	3,056	844	3,343
BAYFIELD	335	89	406	272	67	342
BROWN	2,442	637	2,925	2,127	546	2,617
BUFFALO	2,327	685	2,505	1,817	509	2,074
BURNETT	470	128	554	381	98	471
CALUMET	1,805	459	2,177	1,581	396	1,959
CHIPPEWA	2,913	752	3,534	2,509	630	3,129
CLARK	3,960	1,020	4,736	3,407	854	4,223
COLUMBIA	2,616	842	2,692	1,957	617	2,152
CRAWFORD	1,537	454	1,706	1,161	325	1,386
DANE	5,508	1,637	6,033	4,436	1,294	5,156
DODGE	4,538	1,279	5,157	3,784	1,050	4,525
DOOR	979	254	1,178	837	210	1,040
DOUGLAS	304	101	285	187	57	201
DUNN	2,605	707	3,086	2,179	571	2,680
EAU CLAIRE	1,506	419	1,682	1,200	314	1,433
FLORENCE	77	22	89	57	13	72
FOND DU LAC	3,466	963	3,999	2,924	800	3,526
FOREST	112	33	131	81	21	101
GRANT	5,903	1,930	5,967	4,144	1,317	4,611
GREEN	3,725	1,060	4,196	3,026	840	3,617
GREEN LAKE	1,198	356	1,302	967	283	1,115
IOWA	3,118	921	3,454	2,383	667	2,812
IRON	48	13	55	39	9	45
JACKSON	1,293	366	1,453	1,044	282	1,235
JEFFERSON	2,211	688	2,483	1,847	572	2,159
JUNEAU	991	286	1,121	776	214	933
KENOSHA	673	216	731	561	180	637
KEWAUNEE	1,842	478	2,212	1,598	409	1,982
LA CROSSE	1,569	451	1,765	1,240	342	1,486
LAFAYETTE	3,837	1,202	3,998	2,847	867	3,225

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K

WISCONSIN	TONS					
LANGLADE	708	180	871	610	149	768
LINCOLN	707	186	853	598	151	744
MANITOWOC	2,796	731	3,346	2,426	624	2,993
MARATHON	4,980	1,282	5,972	4,293	1,076	5,326
MARINETTE	927	250	1,091	765	199	943
MARGUETTE	662	209	696	489	151	560
MILWAUKEE	43	13	42	35	10	40
MENROE	2,336	607	2,821	1,973	493	2,462
OCONTO	1,793	469	2,155	1,539	393	1,909
ONEIDA	32	10	35	21	5	25
OUTAGAMIE	3,015	805	3,537	2,580	678	3,146
OZAUKEE	724	199	841	606	163	736
PEPIN	708	193	826	579	151	709
PIERCE	1,942	568	2,178	1,519	424	1,801
POLK	2,294	618	2,672	1,858	474	2,278
PORTAGE	1,172	323	1,375	969	258	1,186
PRICE	581	150	708	492	122	618
RACINE	704	217	762	571	176	653
RICHLAND	1,923	551	2,165	1,482	398	1,783
ROCK	2,483	773	2,620	1,928	588	2,168
RUSK	1,081	274	1,329	927	226	1,169
ST. CROIX	2,484	702	1,803	1,965	526	2,355
SAUK	2,971	904	3,269	2,369	705	2,757
SAWYER	217	63	253	162	42	200
SHAWANO	2,849	719	3,477	2,488	616	3,111
SHEBOYGAN	2,118	569	2,495	1,794	471	2,196
TAYLOR	1,669	417	2,052	1,460	356	1,834
TREMPEALEAU	2,838	820	2,994	2,341	656	2,552
VERNON	2,891	770	3,454	2,384	606	2,962
VILAS	9	3	8	3	0	3
WALWORTH	1,755	516	1,965	1,422	408	1,678
WASHBURN	411	116	485	305	77	383
WASHINGTON	1,501	407	1,761	1,275	338	1,553
WAUKESHA	920	261	1,081	759	205	921
WAUPACA	2,060	546	2,448	1,754	453	2,161
WAUSHARA	856	249	981	717	205	856
WINNEBAGO	1,470	401	1,740	1,262	338	1,538
WOOD	1,627	431	1,937	1,355	344	1,679
TOTAL	128,848	36,341	146,263	104,902	28,562	125,522

WYOMING						
ALBANY	759	312	726	92	35	100
BIG HORN	1,421	548	1,669	443	161	578
CAMPBELL	1,986	781	2,368	505	189	717
CARBON	2,304	909	2,712	563	210	792
CONVERSE	1,633	636	2,001	458	168	654
CROOK	1,269	505	1,376	277	103	359
FREMONT	1,735	680	1,845	425	147	523
GOSHEN	1,433	562	1,264	410	141	308
HOT SPRINGS	476	193	469	65	24	76
JOHNSON	1,700	662	2,103	477	175	689
LARAMIE	1,084	428	1,121	260	94	296
LINCOLN	1,164	432	1,372	411	132	542
NATRONA	1,949	755	2,513	597	222	880
NICBRARA	1,056	419	1,095	250	91	274
PARK	1,400	533	1,339	571	200	479

CONTINUED--

APPENDIX TABLE 2--NITROGEN, PHOSPHORUS, AND POTASSIUM PRODUCTION
OF LIVESTOCK AND POULTRY, 1974--CONTINUED

STATE AND COUNTY	PRODUCED (INCLUDING LOSSES FROM STORAGE AND HANDLING)			RECOVERABLE FOR USE ELSEWHERE		
	N	P	K	N	P	K
WYOMING	TONS					
PLATTE	1,043	420	966	205	76	183
SHERIDAN	1,355	544	1,366	251	92	297
SUBLETTE	1,008	416	933	101	40	102
SWEETWATER	841	318	1,184	314	115	477
TETON	229	90	265	29	11	31
UINTA	926	357	1,116	271	96	378
WASHAKIE	1,111	424	1,417	389	142	531
WESTON	816	324	742	217	77	169
TOTAL	28,689	11,248	31,982	7,581	2,741	9,435
U.S. TOTAL	2,619,760	982,732	2,304,731	1,385,264	505,607	1,230,273

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