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98-349 (1964)

USDA STATISTICAL BULLETINS

—UP-DATA—

MAY IN THE UNITED STATES

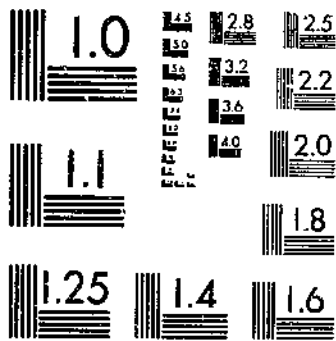
QUANTITIES GROWN IN A NORMAL YEAR

SURPLUS

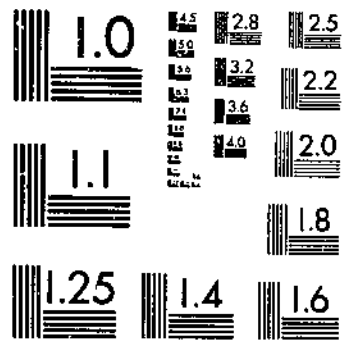
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MICROCOPY RESOLUTION TEST CHART
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UNIVERSITY
OF CALIFORNIA

HAY IN THE UNITED STATES:

Quantities Grown in a Normal Year, Surplus and Deficit Areas

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Statistical Bulletin No. 349

Economic Research Service • • Marketing Economics Division
UNITED STATES DEPARTMENT OF AGRICULTURE

PREFACE

The market for hay is not as well defined as are markets for other commodities such as wheat, cotton, and tobacco--commodities generally regarded as cash crops. Areas are limited where farmers regularly grow hay for sale.

This research was initiated in an effort to portray the hay production pattern in the United States by locating production areas by: (1) Kinds of hay; (2) surplus and deficit areas; and (3) quantities available for shipment. It represents a joint effort between the Cooperative Extension Service and the Economic Research Service. Responsibility for collection of the data was borne by the Cooperative Extension Service, and the Economic Research Service compiled the data and prepared the report.

The author gratefully acknowledges the assistance of the State Agronomists who took the responsibility of furnishing data describing the hay situation for their States, county by county. Where they felt the need, they solicited help from their county agents. The response was excellent. Reports were received from the 50 States with data for 93 percent of the counties.

Special appreciation is expressed to John R. Paulling, Agronomist, Federal Extension Service, for helpful suggestions in planning the study and developing and summarizing the findings. He also took the responsibility for all correspondence and contacts between CES and ERS while collecting the data. Without his help, this study could not have been undertaken.

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This report presents by county:

1. Approximate quantities of the principal kinds of hay produced in a normal year and expected production trends.
2. Maps designating counties that usually import hay, counties that export it, and counties that are self-sufficient.
3. A table showing computed State hay surpluses and deficits.

HAY IN THE UNITED STATES: QUANTITIES GROWN IN A NORMAL YEAR,
SURPLUS AND DEFICIT AREAS

By Mildred R. DeWolfe, Survey Statistician
Marketing Economics Division
Economic Research Service

INTRODUCTION

Normally, about 117 million tons of hay are produced annually in the United States, but only around 15 percent of this production enters commerce.^{1/} Most hay is fed on the farm where produced or nearby. Farmers tend to adjust their livestock numbers to their expected production or to nearby supplies. This leaves them vulnerable to any unfavorable influence on the hay crop such as drought, unusually wet weather, or insect invasions. When these problems develop, they usually involve a wide area. As a result, farmers with livestock must look elsewhere to meet their hay requirements. Under these conditions costs soar, livestock production suffers, and, at worst, some farmers are compelled to sacrifice their herds.

The hay handler--buyer, shipper, seller--is regularly concerned with the 15 percent of the hay crop normally marketed. To the farmer with hay to sell, the hay handler represents a market. To the hay buyer, he is a source of supply. But when a drought or other adverse conditions occur the hay handler's function is suddenly complicated, especially if he is a dealer who ships in hay only under such circumstances. First, supplies must be located, usually at some distance beyond the drought area. Hays differ in kind and in quality as do purchasers' demands. The dairyman needs one kind, the racetrack trade another, and the drought-stricken farmer--concerned mainly with holding his herd together--may need something else.

The efficient hay handler must be familiar with hay sources considerable distances away from the hay shortage areas. He must know first where the desired kind and quality of hay can be found, how it can be acquired, and then transported at the lowest cost to the purchaser. He must be familiar with transportation rates, regulations, and many other details.

Similarly, representatives of the transportation industry are concerned with hay shortages. They must know where the need for hay exists and where adequate supplies can be found. Only then can representatives of railroads, trucking companies, and other modes of transportation determine their role in the emergency.

Frequently, the local county agents are among the first people farmers turn to when hay is scarce. Precious time can be saved in locating hay sources when the agent has at hand (1) an accurate picture of the hay production pattern

^{1/} U.S. Statistical Reporting Service, Crop Reporting Board. Field and Seed Crops: Production, Farm Use, Sales, Value, By States, 1962-63. U.S. Department of Agriculture CR-PR 1(64). May 1964.

and (2) the current USDA Crop Production report. This report shows, by States, production forecasts each month in the growing season, together with production in the previous year and 5-year average for each State.

PROCEDURE

In the study reported here, the State extension agronomists carried the responsibility for describing the hay situation in their States county by county. But to sharpen the report, they relied heavily upon the county agents for details of the county situation. To assist in obtaining county data, a questionnaire asking for information on the local hay situation was provided for each county extension office. The county agents returned the questionnaires to the State agronomists for assembling and forwarding to Washington, D. C.

RESULTS OF THE STUDY

The data presented in this report represent a normal year--one in which local conditions have been neither unusually favorable or unfavorable for hay production.

Figures 1-14 show whether the counties usually (1) export, (2) are self-sufficient, or (3) import hay. (Self-sufficient means that the county produces enough hay to supply its needs.) Census regions are used except in a few regions where, because of the scale of reduction, county names would not be legible. In these regions, the regional groupings have been refined.

Table 1 shows computed hay surpluses or deficits for each State. These were computed by multiplying the number of roughage-consuming animal units by national average quantities of hay fed per animal unit to obtain expected disappearance.^{2/} Estimated surplus or deficit was determined by deducting disappearance from production.^{3/} In some of the States part of the hay requirements may be satisfied by substitution of other harvested roughages, pasture, or concentrates. According to the data computed by this method, the South Atlantic and South Central States were deficient in hay for all the years shown. The Mountain States were deficient for all but 1 year. All of the other areas showed a surplus.

Table 2 summarizes the data from which the maps were drawn. It shows that slightly more than half the responding counties reported they produced only enough hay for their needs. About a fifth had hay to sell, and the remainder drew on other areas for at least part of their hay supplies.

It sometimes happens that a county will be predominantly a hay importer in certain seasons and an exporter in others. This might be caused entirely by seasonal factors, or it could be that the counties have a shortage of one kind of hay and a surplus of another. In such cases, the county was designated

^{2/} Hodges, Earl F. Livestock-Feed Relationships, 1909-1963. U.S. Dept. Agr. Statis. Bul. 337. November 1963.

^{3/} U.S. Statistical Reporting Service, Crop Reporting Board. Field Crops by States, 1954-59. U.S. Dept. Agr. Statis. Bul. 290. June 1961; and Crop Production Annual Summary. U.S. Dept. Agr. CR-PR 2-1(61), CR-PR 2-1(62), CR-PR 2-1(63).

as importing or exporting on the basis of estimated net shortage or surplus.

Tables 3-45 present normal hay production by State and county for principal kinds of hay. The data are shown in groups of ranges. Normal hay production for the counties falls within the selected class intervals. These tables also reflect whether an increase or decrease in production can be expected, or whether the situation is likely to remain as it is.

SYNOPSIS

Alfalfa and alfalfa grass mixtures account for around 60 percent of the total hay production and seem to be increasing. Clover, timothy, and grass hays and such mixtures total another 20 percent and appear to be declining. Wild hay supplies from 8 to 9 percent of the annual hay needs. The quantity cut appears to vary from year to year according to the quantities of other hay produced. Small grains hay, lespedeza, and a miscellaneous collection of other hays make up the remainder.^{4/}

New England States

In most of New England, there is a problem of achieving a balance between hay production and need. There is some hay movement within the region between valley areas and hill-lands; inshipment from nearby Canadian districts and New York State is not unusual. Operations of local handlers are limited both in quantity and distance moved. These States are more active in importing than exporting. More than half of the counties import, but few ship out hay. Presently, grass and grass-legume mixtures account for about two-thirds of the New England hay crop. But there is evidence of a trend toward greater use of legumes, specially alfalfa.

Middle Atlantic States

In the Middle Atlantic States, as in the New England States, legumes--predominantly alfalfa, grass, and grass-legume mixtures--make up the greater part of the hay crop. These account for 90 percent of the production.

Normally, more than half the counties in the region raise only enough hay for their needs; about a fourth of the counties export hay, and the remainder import it.

South Atlantic States

About half the production in the South Atlantic States is classed as legumes or grass hays. During earlier years, alfalfa and mixtures of alfalfa accounted for about a fourth of the regional hay crop, and the grass hays for more than a fourth. Recently, alfalfa has declined somewhat, and the grass hays have increased slightly.

In the northern part of the region, alfalfa, clover, and mixtures of these with grass are the standby hay crops. In the southern most States, wide and

^{4/} These data were computed from hay production for the years 1957-63 as shown in from USDA's Crop Production Annual Summaries.

increasing use of bermudagrass is the striking feature.

Lespedeza is widely used in all States except Florida. Legumes used to lesser extent include peanut vines, soybeans, and cowpeas. The nonlegumes, other than bermuda, include chiefly small grains and a variety of perennial grasses.

Almost 60 percent of the counties raise the right quantity of hay for their needs, about 40 percent import hay, and the remaining 10 percent export hay.

East South Central States

The dominant feature of the hay crop in the East South Central region is the heavy reliance on legumes. Yet, there is an increasing use of grass hays, especially bermuda in the southward portion of the region. Alfalfa, clover, and their mixtures with grass, along with lespedeza, compose some three-fourths of total production.

Relatively few counties regularly export hay. Approximately a third of the counties normally import some hay.

West South Central States

In Texas, perennial grass hays, both cultivated and wild, make up more than half the hay crop. The legumes--chiefly alfalfa and its mixtures with grass and peanut vines--account for about one-fourth of the total. Small grains, along with a variety of lesser crops, supply the remainder. In addition, large quantities of cured sorghums are used for forage, but these were not considered as hay crops in this study.

Nearly two-thirds of the counties normally import hay, about one-tenth usually have hay to export, and the remainder produce enough to satisfy their needs.

Legumes and their grass mixtures account for roughly half the hay production of the part of the West South Central region, which includes Arkansas, Louisiana, and Oklahoma. Alfalfa is the principal legumes, with lespedeza also an important contributor. Wild hay and cultivated perennial grasses account for the greater part of the remainder.

Roughly 40 percent of the counties in Arkansas, Louisiana, and Oklahoma normally raise only enough hay for their own use. About 20 percent of these counties have hay to sell, and the remainder must import supplies.

North Central States

This is an area of heavy production, and also the region where legumes account for the largest share of the total. These 12 States normally produce more than half the total. Alfalfa or alfalfa grass mixtures make up two-thirds of the production, and with clover and clover-grass account for 95 percent of the crop. Wild hay practically completes the hay production in these States.

Two-thirds of the counties are normally self-sufficient, and a fourth of them usually have hay for export. Frequently, this is the region that drought-

stricken areas fall back on for their hay needs.

Mountain States

The hay pattern in the Mountain States is very similar to that in the East North Central region. Legumes account for most of the hay crop, with alfalfa and its mixtures making up three-fourths of it. Clover and grass mixtures and wild hay are the other kinds produced in quantity in this area.

The counties are divided almost evenly in regard to exporting, importing, and supplying only enough hay for their needs.

Pacific States

The Pacific region hay crop is also predominantly alfalfa and its mixtures, which make up about three-fourths of the entire production. The remainder is composed of clover-grass mixtures, small grains hay, and wild hay, in that order of importance.

Over half the counties import hay, about a fifth of them produce their required quantity, and a fourth export hay.

There have been some shipments in containers of pelleted hay from California to Latin America, Hawaii, and the Orient.

Alaska

In Alaska, grass and grain hay are the principal kinds produced. Because of the high freight costs of importing forage into Alaska, all areas operate toward the goal of being self-sufficient in forage production. This goal has not always been achieved, but the quantity of forage imported into Alaska in recent years has been small.

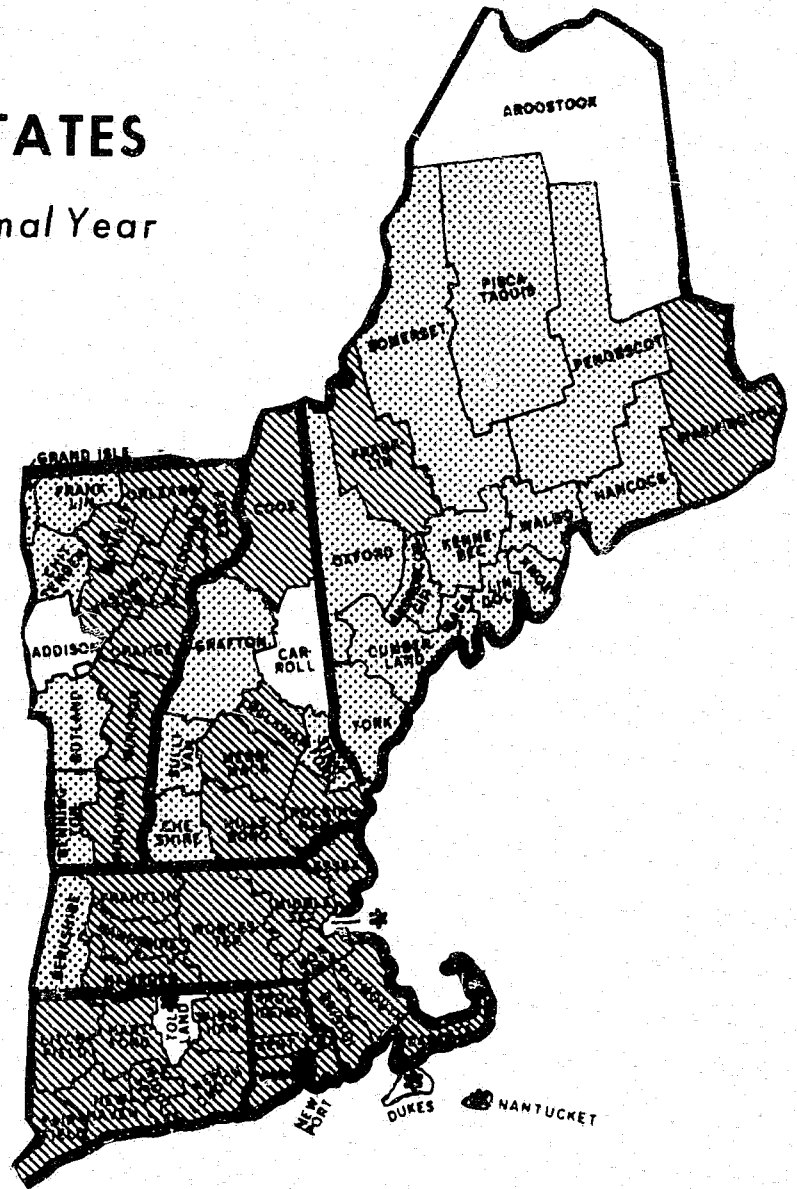
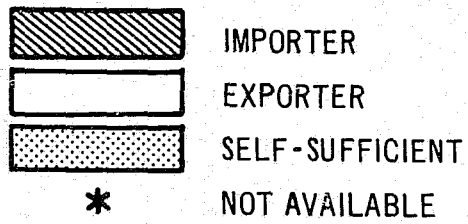
There is likely to be a slow increase in forage production during the next 5 years.

Hawaii

Livestock farmers in Hawaii rely heavily on forage. Local production of meat and milk has not caught up with demand. Grain production is more limited than on the mainland, but a number of forage species do well. Among the familiar species are alfalfa, white clover, trefoil, orchard grass, and others. There are also grasses and legumes of tropical origin that make up an important part of the hay crop. An interesting current movement is aimed at exploring the possibilities of pineapple leaf hay. Trial feeding of it is continuing, and the feasibility of outshipment of wafered leaf is being considered.

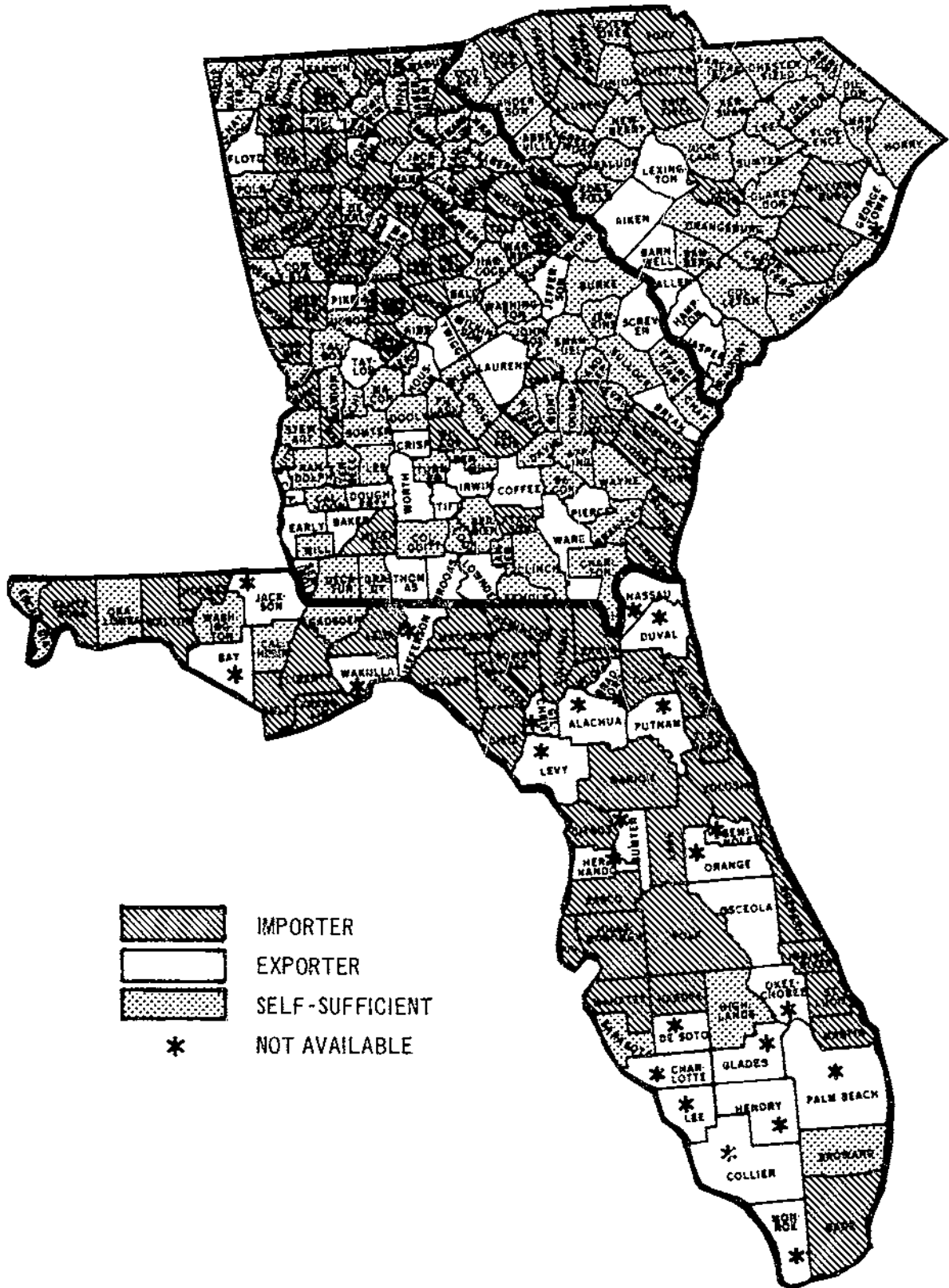
NEW ENGLAND STATES



Hay Supply Situation, Normal Year



SOUTH CAROLINA, GEORGIA, AND FLORIDA

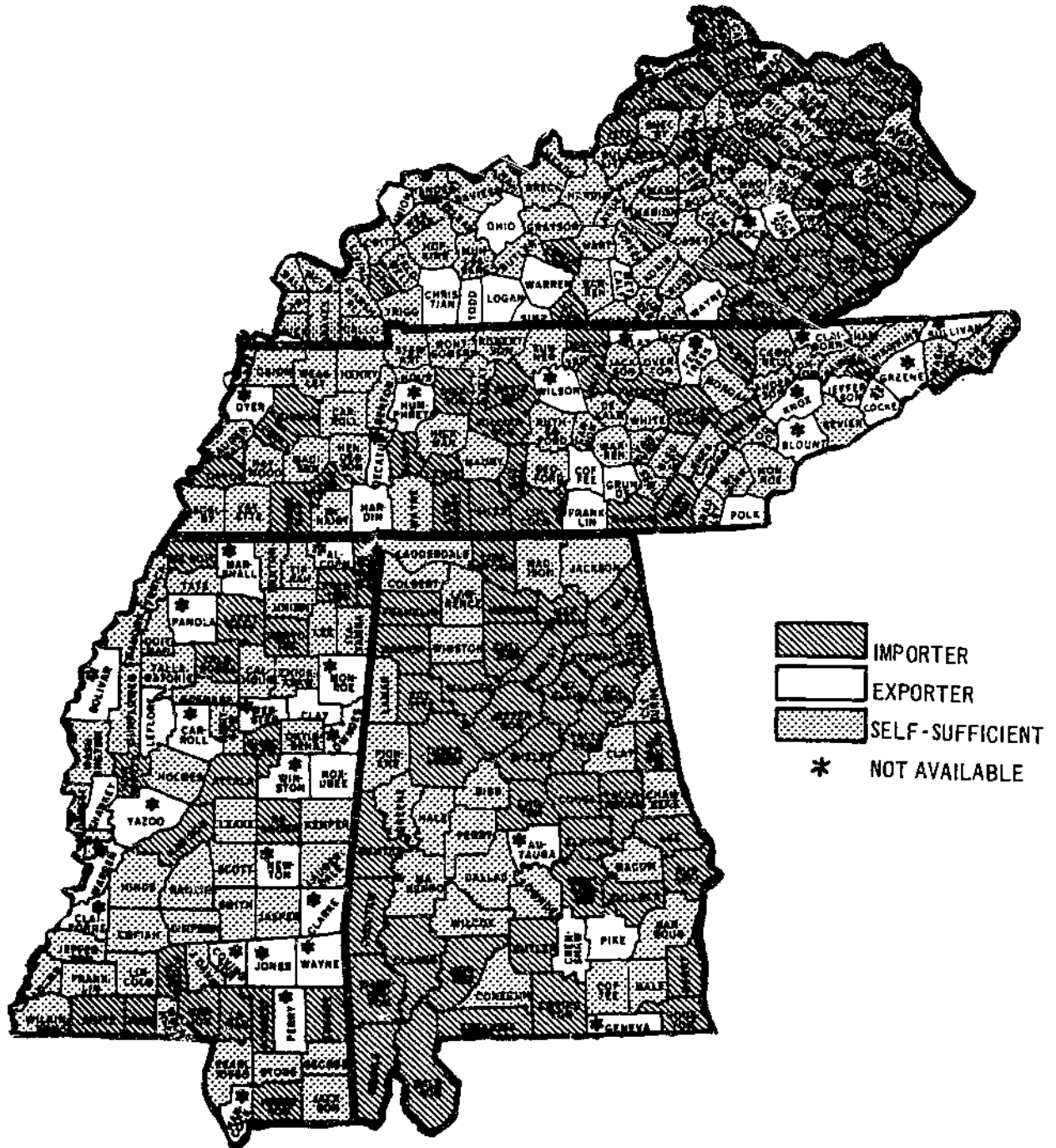
Hay Supply Situation, Normal Year




-  IMPORTER
-  EXPORTER
-  SELF-SUFFICIENT
-  NOT AVAILABLE

KENTUCKY, TENNESSEE, ALABAMA, AND MISSISSIPPI

Hay Supply Situation, Normal Year



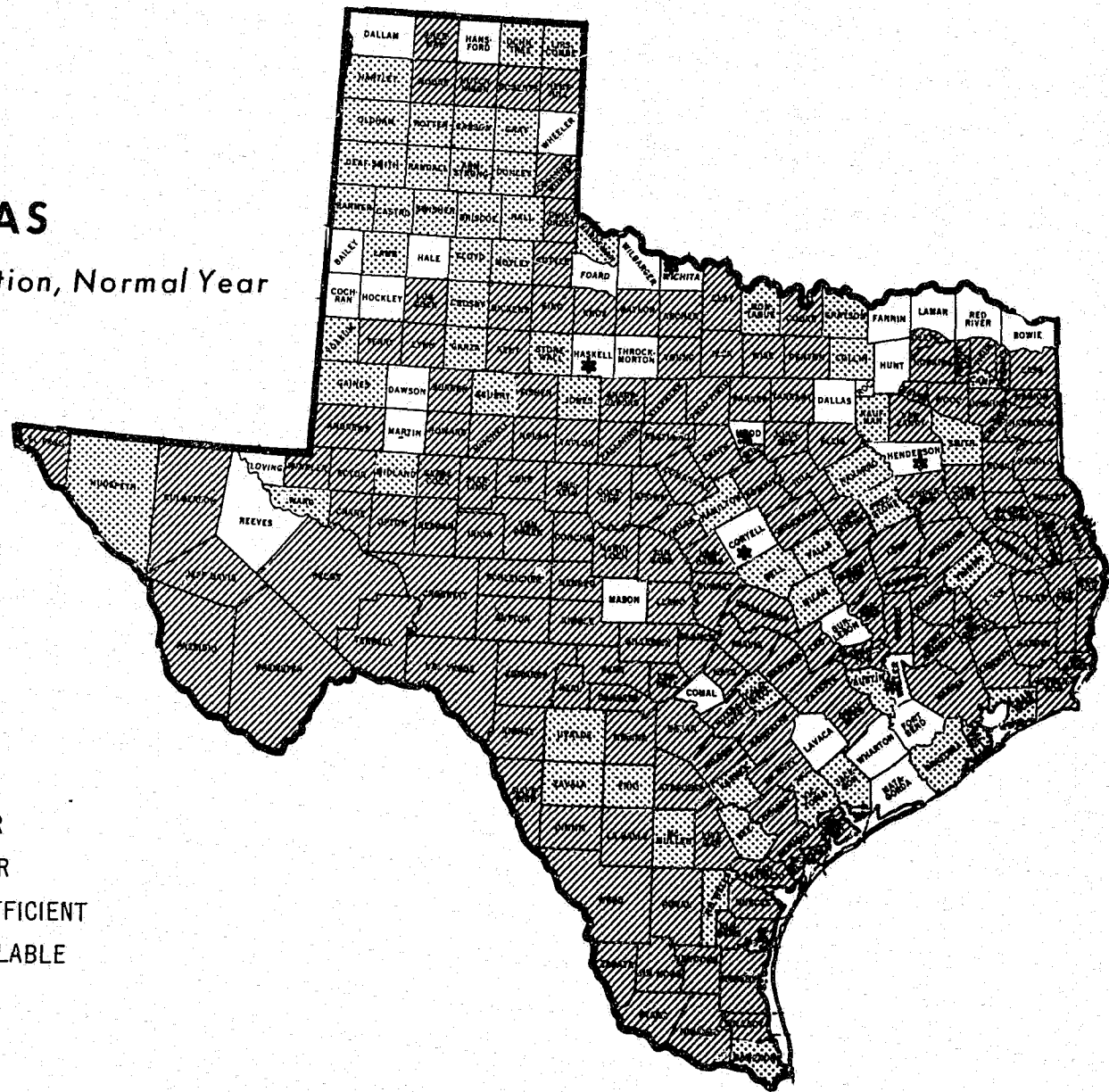
 IMPORTER
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U. S. DEPARTMENT OF AGRICULTURE

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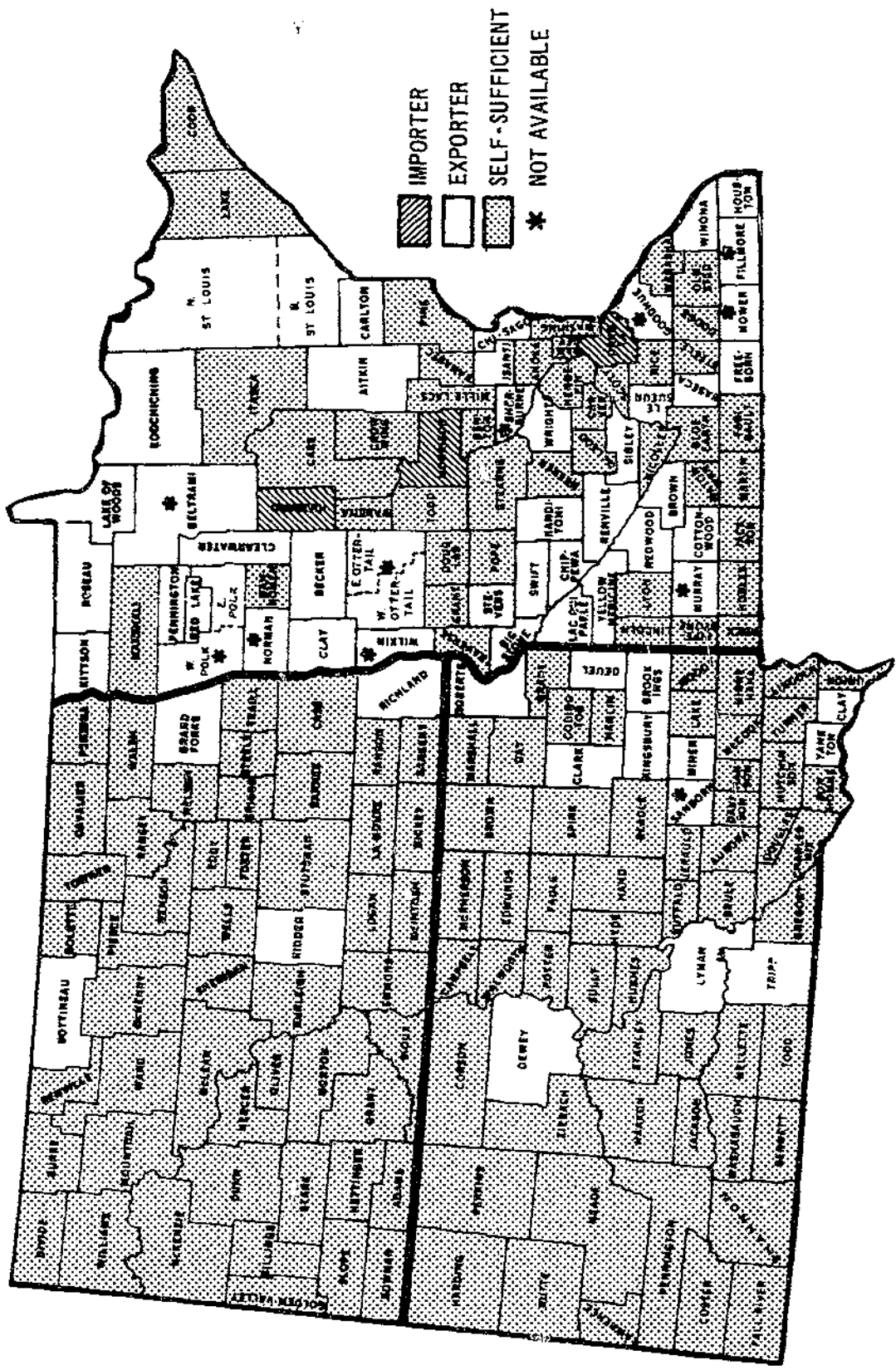
Hay Supply Situation, Normal Year



-  IMPORTER
-  EXPORTER
-  SELF-SUFFICIENT
-  NOT AVAILABLE

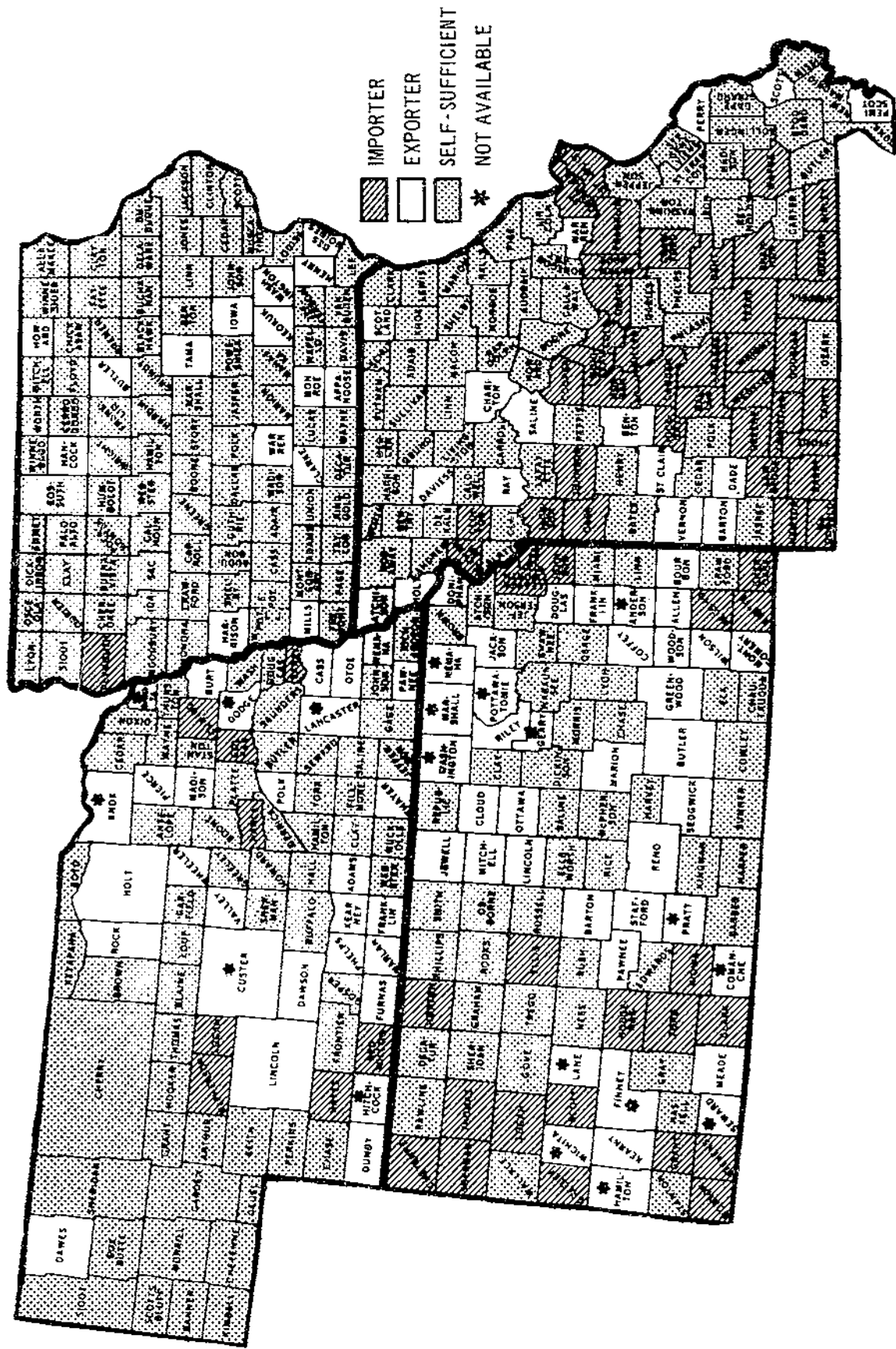
MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA

Hay Supply Situation, Normal Year



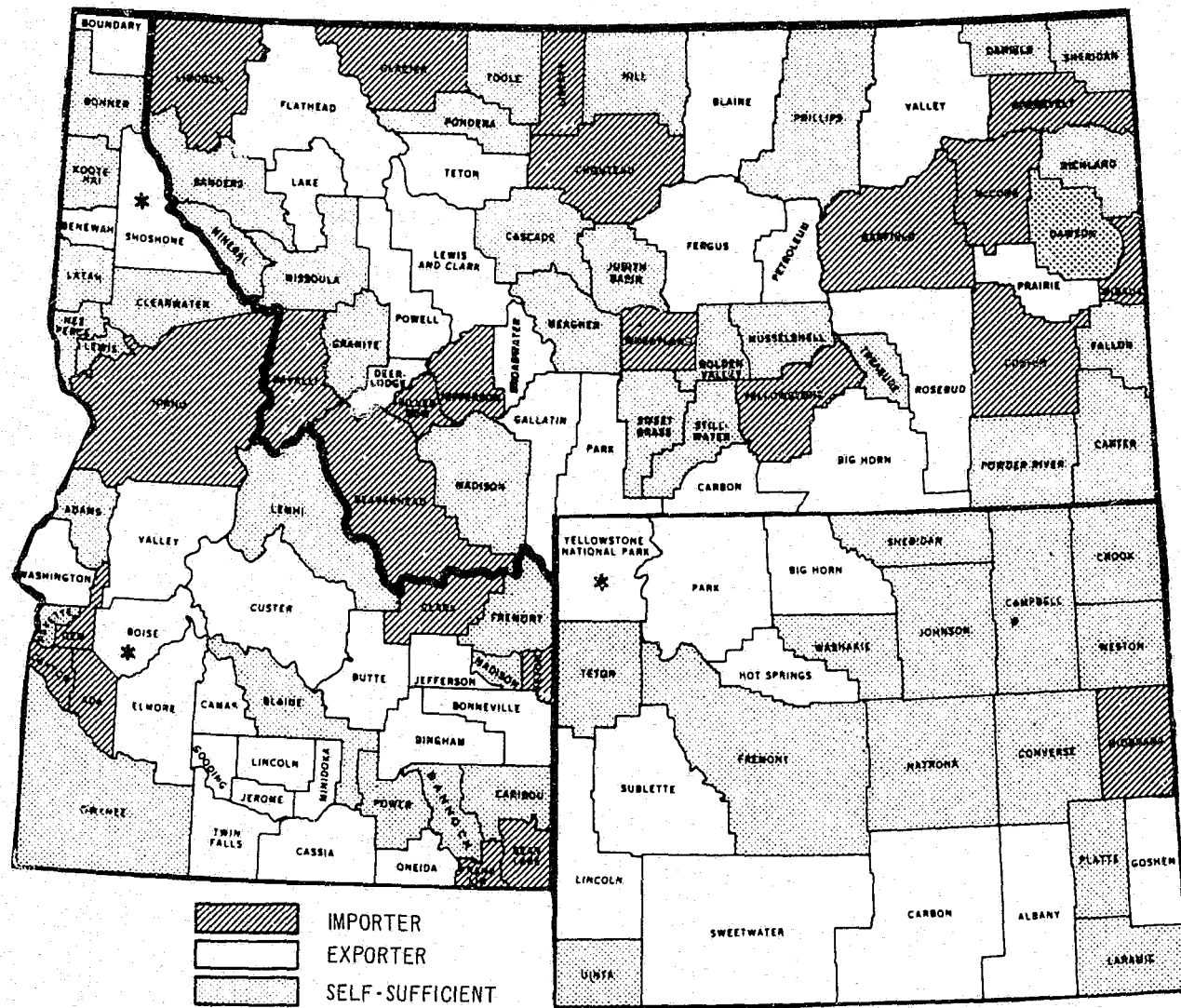
IOWA, KANSAS, NEBRASKA, AND MISSOURI





Hay Supply Situation, Normal Year



MONTANA, IDAHO, AND WYOMING

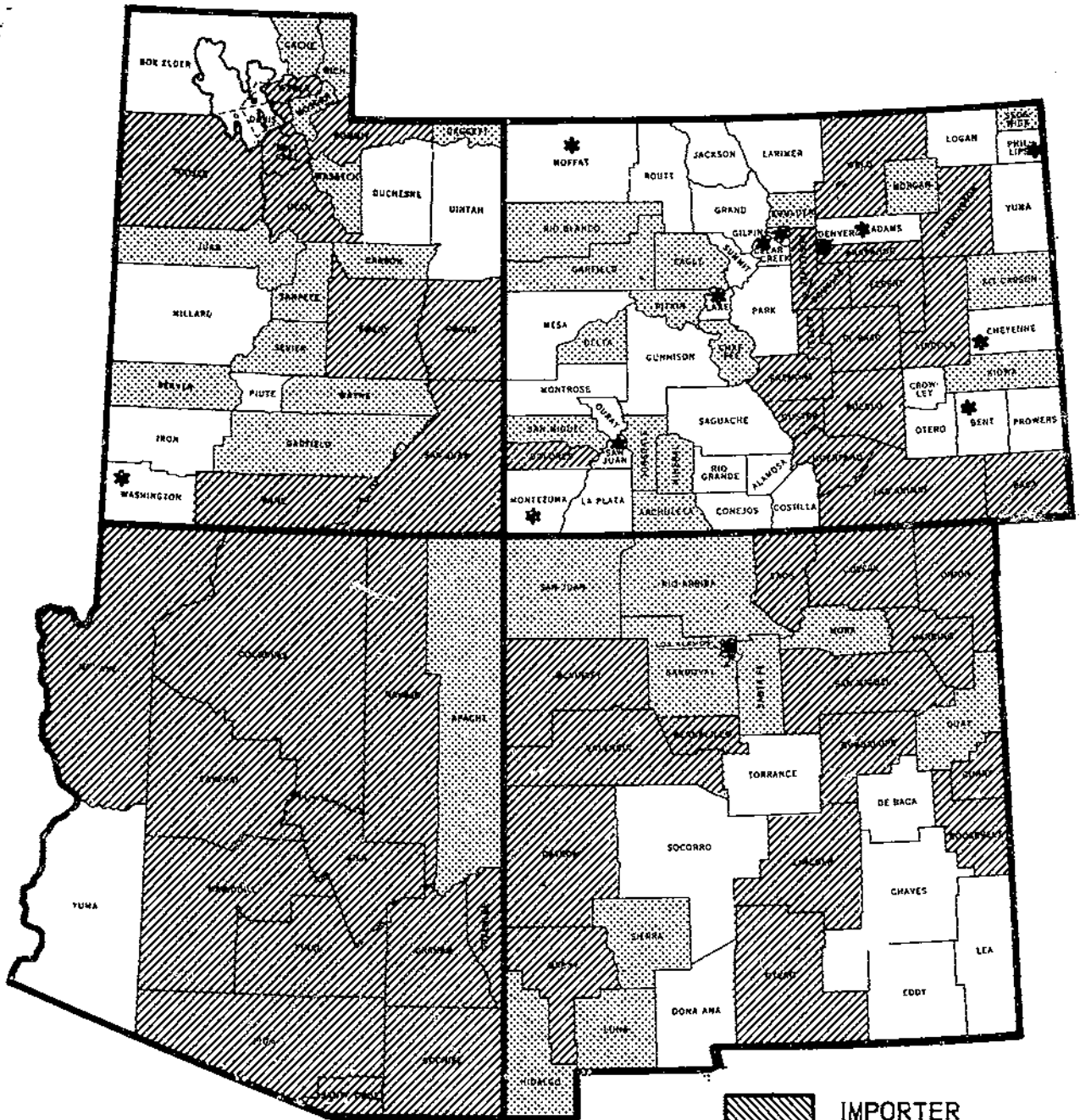
Hay Supply Situation, Normal Year



 IMPORTER
 EXPORTER
 SELF-SUFFICIENT
 NOT AVAILABLE

UTAH, COLORADO, NEW MEXICO, AND ARIZONA

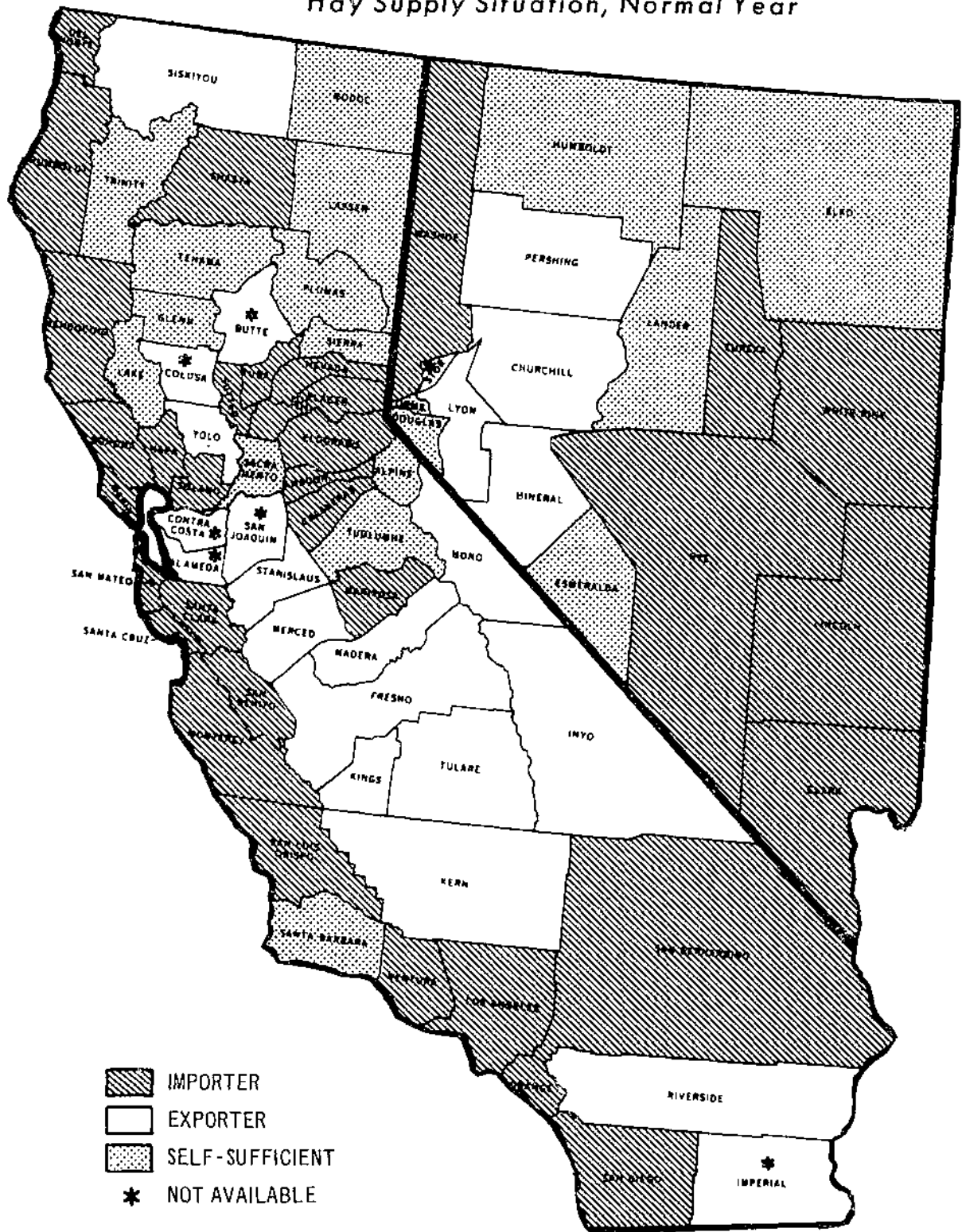
Hay Supply Situation, Normal Year







-  IMPORTER
-  EXPORTER
-  SELF-SUFFICIENT
-  NOT AVAILABLE

NEVADA AND CALIFORNIA

Hay Supply Situation, Normal Year



-  IMPORTER
-  EXPORTER
-  SELF-SUFFICIENT
-  NOT AVAILABLE

WASHINGTON AND OREGON

Hay Supply Situation, Normal Year

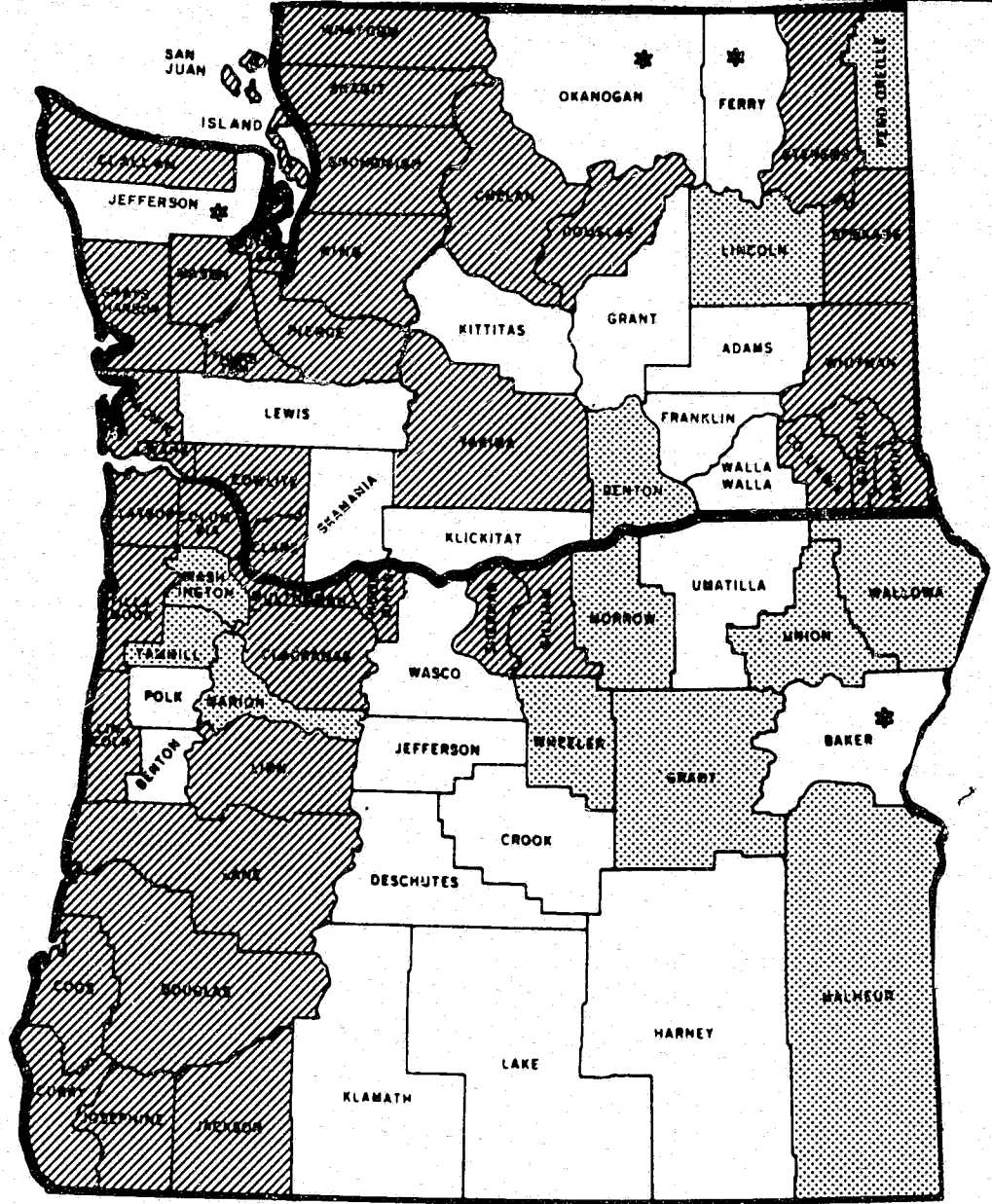
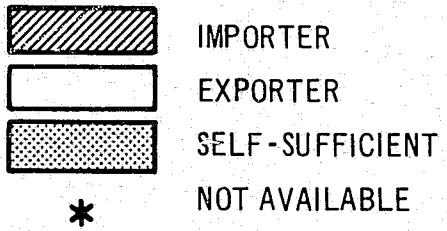


Table 1.--Hay situation: Estimated surplus or deficit by State and region, 1959-63 ^{1/}

State and region	1959 surplus or deficit (-)	1960 surplus or deficit (-)	1961 surplus or deficit (-)	1962 surplus or deficit (-)	1963 surplus or deficit (-)
	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>1,000 tons</u>
Maine	350	363	314	298	302
New Hampshire	152	168	133	133	101
Vermont	589	664	643	594	593
Massachusetts	182	197	177	160	165
Rhode Island	9	16	12	15	10
Connecticut	138	140	123	110	139
New England	1,420	1,548	1,402	1,310	1,310
New York	2,600	3,247	3,186	2,074	3,064
New Jersey	160	165	161	103	105
Pennsylvania	1,589	1,831	1,801	387	1,077
Middle Atlantic	4,349	5,243	5,148	2,564	4,246
Delaware	12	17	17	3	3
Maryland	197	256	251	67	39
Virginia	- 93	115	156	233	-729
West Virginia	133	216	217	153	149
North Carolina	- 78	- 87	-124	-163	-258
South Carolina	-167	-149	-147	-179	-160
Georgia	-877	-776	-812	-797	-667
Florida	-1,614	-1,456	-1,585	-1,553	-1,618
South Atlantic	-2,487	-1,864	-2,027	-2,233	-3,221
Kentucky	-282	- 45	-231	-309	-284
Tennessee	-281	-221	-310	-457	-246
Alabama	-1,140	-1,056	-1,151	-1,172	-1,093

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Table 1.--Hay situation: Estimated surplus or deficit by State and region, 1959-63 1/--Continued

State and region	1959 surplus or deficit (-)	1960 surplus or deficit (-)	1961 surplus or deficit (-)	1962 surplus or deficit (-)	1963 surplus or deficit (-)
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Mississippi	-1,345	-1,205	-1,244	-1,245	-1,085
East South Central	-3,048	-2,527	-2,936	-3,183	-2,708
Arkansas	-519	-454	-428	-470	-716
Louisiana	-1,226	-1,172	-1,226	-1,165	-1,193
Oklahoma	-2,179	-1,790	-2,169	-1,949	-2,507
Texas	-11,094	-10,440	-11,302	-10,997	-11,520
West South Central	-15,018	-13,856	-15,125	-14,581	-15,936
Ohio	606	907	1,071	620	817
Indiana	55	231	48	183	95
Illinois	292	745	96	424	152
Michigan	1,524	1,523	1,180	1,374	1,342
Wisconsin	3,847	4,927	3,858	5,794	4,266
East North Central	6,324	8,333	6,253	8,395	6,672
Minnesota	2,018	3,293	2,860	3,993	3,360
Iowa	1,071	1,666	569	1,647	804
Missouri	-683	- 64	- 26	-317	-438
North Dakota	796	2,104	1,171	3,041	1,487
South Dakota	-833	1,045	-540	2,165	361
Nebraska	352	1,172	-130	1,299	-188
Kansas	-1,778	-896	-1,612	-1,026	-2,320
West North Central	943	8,320	2,292	10,802	3,066

Continued --

Table 1.--Hay situation: Estimated surplus or deficit by State and region, 1959-63 ^{1/}--Continued

State and region	1959 surplus or deficit (-)	1960 surplus or deficit (-)	1961 surplus or deficit (-)	1962 surplus or deficit (-)	1963 surplus or deficit (-)
	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>1,000 tons</u>
Montana	-341	- 69	-572	392	- 3
Idaho	857	1,016	947	1,062	1,031
Wyoming	-704	-597	-533	-319	-485
Colorado	-553	-195	-288	-150	-664
New Mexico	-1,133	-950	-1,047	-826	-909
Arizona	-242	- 77	-155	-233	-266
Utah	77	120	65	228	214
Nevada	-262	-155	-209	- 29	- 70
Mountain	-2,301	-907	-1,792	125	-1,152
Washington	136	154	114	161	234
Oregon	-225	43	- 78	61	153
California	1,502	1,923	1,796	1,860	1,860
Pacific	1,413	2,120	1,832	2,082	2,247
United States	-8,405	6,410	-4,953	5,281	-5,476

^{1/} These computations represent production of all hay within each State minus hay requirements for livestock in that State. The computations are obtained by multiplying roughage consuming animal units by a national average feeding rate. However, in some States, especially Texas and the Southwestern States, it is believed that hay usage per animal unit is lower than the national average (pasture, harvested roughages such as silage, bundled sorghums, etc., and sometimes concentrates are substituted for hay).

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Table 2.--State and regional hay supply situation in a normal year 1/

Region and State 2/	Exporting counties	Self-sufficient counties	Importing counties
New England:			
Maine	1	13	2
New Hampshire	1	4	5
Vermont	2	4	8
Massachusetts	0	1	10
Rhode Island	0	0	5
Connecticut	0	0	7
Total	4	22	37
Middle Atlantic:			
New York	19	26	10
New Jersey	0	8	6
Pennsylvania	15	47	3
Total	34	81	19
East North Central:			
Ohio	22	46	19
Indiana	20	66	5
Illinois	12	85	5
Michigan	21	58	4
Wisconsin	32	38	1
Total	107	293	34
South Atlantic:			
Delaware	0	0	3
Maryland	0	12	12
Virginia	2	52	18
West Virginia	0	36	18
North Carolina	5	39	29
South Carolina	6	28	11
Georgia	27	84	48
Florida	1	8	34
Total	41	259	173
East South Central:			
Kentucky	11	60	47
Tennessee	6	52	25
Alabama	2	24	39
Mississippi	4	40	19
Total	23	176	130
West South Central:			
Arkansas	9	47	16
Louisiana	8	24	24
Oklahoma	28	20	27
Texas	28	58	162
Total	73	149	229
Mountain:			
Montana	17	24	15
Idaho	18	16	8
Wyoming	9	13	1
Colorado	21	15	16
New Mexico	7	9	15
Arizona	1	1	12

Continued --

Table 2.--State and regional hay supply situation in a normal year 1/--Continued

Region and State <u>2/</u>	Exporting counties	Self-sufficient counties	Importing counties
Mountain (Con.):			
Utah	6	12	10
Nevada	4	6	6
Total	83	96	83
West North Central:			
Minnesota	32	42	3
Iowa	15	83	1
Missouri	16	61	38
North Dakota	4	49	0
South Dakota	11	55	0
Nebraska	23	54	8
Kansas	26	45	21
Total	127	389	71
Pacific:			
Washington	8	3	25
Oregon	10	9	16
California	12	12	27
Total	30	24	68
Alaska	0	4	0
Hawaii	2	1	1
U. S. total	524	1,494	845

1/ Data for normal year is one in which local conditions have been neither unusually favorable or unfavorable for hay production.

2/ Includes 93 percent of the counties in the U. S.

Table 3.--New England hay: Normal production and expected trends,
by principal kinds of hay

State and county	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays	
	Normal	Expected trend		Normal	Expected trend
	1,000 tons			1,000 tons	
<u>Maine</u>					
Androscoggin.....	1.0 - 10.0	Up		10.1 - 25.0	Stable
Aroostook.....	---	---		50.1 - 100.0	Stable
Cumberland.....	1.0 - 10.0	Up		10.1 - 25.0	Stable
Franklin.....	---	Up		10.1 - 25.0	Stable
Hancock.....	---	---		1.0 - 10.0	Down
Kennebec.....	1.0 - 10.0	Up		50.1 - 100.0	---
Knox.....	---	---		1.0 - 10.0	Down
Lincoln.....	---	---		10.1 - 25.0	Down
Oxford.....	a/	Up		10.1 - 25.0	Stable
Penobscot.....	1.0 - 10.0	Up		50.1 - 100.0	Down
Piscataquis.....	1.0 - 10.0	Up		10.1 - 25.0	Down
Sagadahoc.....	1.0 - 10.0	Up		1.0 - 10.0	Stable
Somerset.....	1.0 - 10.0	Up		25.1 - 50.0	---
Waldo.....	1.0 - 10.0	Up		10.1 - 25.0	---
Washington.....	---	---		10.1 - 25.0	Down
York.....	1.0 - 10.0	Up		25.1 - 50.0	Stable
<u>New Hampshire</u>					
Belknap.....	1.0 - 10.0	Up		1.0 - 10.0	Stable
Carroll.....	1.0 - 10.0	Up		1.0 - 10.0	Stable
Cheshire.....	1.0 - 10.0	Up		10.1 - 25.0	Stable
Coos.....	1.0 - 10.0	Up		25.1 - 50.0	Stable
Grafton.....	1.0 - 10.0	Stable		25.1 - 50.0	Stable
Hillsboro.....	1.0 - 10.0	Stable		10.1 - 25.0	Down
Rockingham.....	1.0 - 10.0	Up		10.1 - 25.0	Stable
Stafford.....	a/	Down		1.0 - 10.0	Down
Sullivan.....	1.0 - 10.0	Up		10.1 - 25.0	Up
<u>Vermont</u>					
Addison.....	50.1 - 100.0	Up		25.1 - 50.0	Stable
Bennington.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable
Caledonia.....	1.0 - 10.0	Up		50.1 - 100.0	Stable
Chittenden.....	10.1 - 25.0	Stable		50.1 - 100.0	Stable
Essex.....	1.0 - 10.0	Up		10.1 - 25.0	Stable
Franklin.....	10.1 - 25.0	Up		50.1 - 100.0	Stable
Grand Isle.....	10.1 - 25.0	Up		1.0 - 10.0	Up
Lamoille.....	1.0 - 10.0	Up		25.1 - 50.0	Stable
Orange.....	1.0 - 10.0	Up		50.1 - 100.0	Down
Orleans.....	1.0 - 10.0	Up		50.1 - 100.0	Stable
Rutland.....	10.1 - 25.0	Down		25.1 - 50.0	Down
Washington.....	1.0 - 10.0	Up		25.1 - 50.0	Down
Windham.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable
Windsor.....	10.1 - 25.0	Up		25.1 - 50.0	Down
<u>Massachusetts</u>					
Barnstable.....	a/	Stable		a/	Stable

See footnote at end of table.

Continued --

Table 3.--New England hay: Normal production and expected trends,
by principal kinds of hay--Continued

State and county	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays		Expected trend
	Normal			Normal		
	1,000 tons			1,000 tons		
<u>Massachusetts (Con.)</u>						
Berkshire.....	10.1	- 25.0	Up	25.1	- 50.0	Down
Bristol.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Essex.....	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Franklin.....	1.0	- 10.0	Down	25.1	- 50.0	Down
Hampden.....	1.0	- 10.0	Down	10.1	- 25.0	Down
Hampshire.....	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Middlesex.....	1.0	- 10.0	Down	10.1	- 25.0	Down
Norfolk.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Plymouth.....	1.0	- 10.0	Stable	1.0	- 10.0	Down
Worcester.....	10.1	- 25.0	Stable	50.1	- 100.0	Down
<u>Connecticut</u>						
Fairfield.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Hartford.....	1.0	- 10.0	Down	10.1	- 25.0	Down
Litchfield.....	10.1	- 25.0	Stable	25.1	- 50.0	Stable
New Haven.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable
New London.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Windham.....	1.0	- 10.0	Down	10.1	- 25.0	Down
<u>Rhode Island</u>						
Bristol.....	---		---	1.0	- 10.0	Down
Kent.....	---		---	1.0	- 10.0	Down
Providence.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Washington.....	1.0	- 10.0	Down	1.0	- 10.0	Down

a/ Less than 1,000 tons.

Table 4.--New York hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Allegany	25.1	- 50.0	Up	50.1	- 100.0	Up
Broome	25.1	- 50.0	Up	50.1	- 100.0	Down
Cattaraugus	50.1	- 100.0	Up	50.1	- 100.0	Down
Cayuga	50.1	- 100.0	Up	25.1	- 50.0	Down
Chautauque	25.1	- 50.0	Up	100.1	- 200.0	Down
Chemung	10.1	- 25.0	Stable	10.1	- 25.0	Down
Chenango	25.1	- 50.0	Up	50.1	- 100.0	Down
Clinton	25.1	- 50.0	Up	50.1	- 100.0	Down
Columbia	50.1	- 100.0	---	10.1	- 25.0	---
Cortland	50.1	- 100.0	Up	25.1	- 50.0	Down
Delaware	25.1	- 50.0	Up	100.1	- 200.0	Down
Dutchess	50.1	- 100.0	Up	10.1	- 25.0	Down
Erie	25.1	- 50.0	Up	50.1	- 100.0	Down
Essex	10.1	- 25.0	Stable	10.1	- 25.0	Down
Franklin	10.1	- 25.0	Up	50.1	- 100.0	Down
Genesee	50.1	- 100.0	Up	10.1	- 25.0	Down
Greene	1.0	- 10.0	Up	10.1	- 25.0	Down
Herkimer	50.1	- 100.0	Up	50.1	- 100.0	Down
Jefferson	50.1	- 100.0	Up	100.1	- 200.0	Down
Livingston	50.1	- 100.0	Up	1.0	- 10.0	Down
Madison	50.1	- 100.0	Up	25.1	- 50.0	Down
Monroe	25.1	- 50.0	Down	10.1	- 25.0	---
Montgomery	25.1	- 50.0	Up	25.1	- 50.0	Down
Niagara	25.1	- 50.0	Up	10.1	- 25.0	Up
Oneida	50.1	- 100.0	Up	50.1	- 100.0	Stable
Onondaga	50.1	- 100.0	Down	10.1	- 25.0	Down
Ontario	50.1	- 100.0	Down	10.1	- 25.0	Down
Orange	50.1	- 100.0	Up	25.1	- 50.0	Down
Orleans	25.1	- 50.0	Up	10.1	- 25.0	Down
Oswego	10.1	- 25.0	Up	10.1	- 25.0	Down
Otsego	50.1	- 100.0	Up	100.1	- 200.0	Down
Putnam	1.0	- 10.0	Down	1.0	- 10.0	---
Rensselaer	25.1	- 50.0	Up	10.1	- 25.0	Down
St. Lawrence	50.1	- 100.0	Up	200.1	- 400.0	Stable
Saratoga	10.1	- 25.0	Down	10.1	- 25.0	Down
Schenectady	10.1	- 25.0	Up	1.0	- 10.0	Down
Schuyler	10.1	- 25.0	Up	1.0	- 10.0	Down
Seneca	10.1	- 25.0	Up	10.1	- 25.0	Stable
Steuben	25.1	- 50.0	Up	50.1	- 100.0	Down
Suffolk	1.0	- 10.0	Down	1.0	- 10.0	Down
Sullivan	1.0	- 10.0	Up	25.1	- 50.0	Stable
Tioga	10.1	- 25.0	Stable	25.1	- 50.0	Stable
Tompkins	25.1	- 50.0	Up	10.1	- 25.0	Down
Ulster	10.1	- 25.0	Up	10.1	- 25.0	Down
Warren	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Washington	25.1	- 50.0	Up	50.1	- 100.0	Down
Wyoming	50.1	- 100.0	Up	50.1	- 100.0	Down
Yates	10.1	- 25.0	Up	10.1	- 25.0	Down

A number of counties reported small quantities of small grains hay.

Table 5.--Pennsylvania hay: Normal production and expected trends,
by principal kinds of hay 1/

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Adams	10.1 - 25.0	Up		25.1 - 50.0	Stable	
Allegheny	1.0 - 10.0	Down		1.0 - 10.0	Down	
Armstrong	10.1 - 25.0	Up		25.1 - 50.0	Up	
Beaver	10.1 - 25.0	Down		1.0 - 10.0	Down	
Bedford	25.1 - 50.0	Up		10.1 - 25.0	Up	
Berks	50.1 - 100.0	Up		25.1 - 50.0	Down	
Blair	25.1 - 50.0	Up		10.1 - 25.0	Down	
Bradford	25.1 - 50.0	Up		100.1 - 200.0	Stable	
Bucks	10.1 - 25.0	Down		25.1 - 50.0	Down	
Butler	25.1 - 50.0	Up		25.1 - 50.0	Down	
Cambria	10.1 - 25.0	Up		10.1 - 25.0	Down	
Carbon	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Centre	25.1 - 50.0	Up		10.1 - 25.0	Down	
Chester	50.1 - 100.0	Stable		25.1 - 50.0	Stable	
Clarion	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Clearfield	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Clinton	1.0 - 10.0	Up		1.0 - 10.0	Stable	
Columbia	10.1 - 25.0	Up		10.1 - 25.0	Stable	
Crawford	10.1 - 25.0	Up		50.1 - 100.0	Down	
Cumberland	50.1 - 100.0	Up		10.1 - 25.0	Down	
Dauphin	25.1 - 50.0	Up		10.1 - 25.0	Stable	
Delaware	1.0 - 10.0	Down		1.0 - 10.0	Down	
Elk	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Erie	1.0 - 10.0	Up		50.1 - 100.0	Stable	
Fayette	25.1 - 50.0	Up		10.1 - 25.0	Stable	
Forest	1.0 - 10.0	Up		1.0 - 10.0	Down	
Franklin	100.1 - 200.0	Stable		25.1 - 50.0	Stable	
Fulton	10.1 - 25.0	Up		10.1 - 25.0	Down	
Greene	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Huntington	25.1 - 50.0	Up		10.1 - 25.0	Stable	
Indiana	25.1 - 50.0	Stable		25.1 - 50.0	Stable	
Jefferson	10.1 - 25.0	Up		25.1 - 50.0	Stable	
Juniata	10.1 - 25.0	Up		10.1 - 25.0	Down	
Lackawanna	1.0 - 10.0	Up		10.1 - 25.0	Down	
Lancaster	50.1 - 100.0	Up		50.1 - 100.0	Down	
Lawrence	10.1 - 25.0	Stable		10.1 - 25.0	Down	
Lebanon	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Lehigh	25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Luzerne	1.0 - 10.0	Up		10.1 - 25.0	Down	
Lycoming	25.1 - 50.0	Up		25.1 - 50.0	Down	
McKean	1.0 - 10.0	Stable		10.1 - 25.0	Stable	
Mercer	10.1 - 25.0	Up		50.1 - 100.0	Down	
Mifflin	10.1 - 25.0	Up		10.1 - 25.0	Down	
Monroe	1.0 - 10.0	Up		1.0 - 10.0	Down	
Montgomery	10.1 - 25.0	Down		25.1 - 50.0	Stable	
Montour	1.0 - 10.0	Up		10.1 - 25.0	Up	
Northampton	50.1 - 100.0	Stable		1.0 - 10.0	Stable	

See footnote at end of table.

Continued --

Table 5.--Pennsylvania hay: Normal production and expected trends, by principal kinds of hay 1/--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	<u>1,000 tons</u>			<u>1,000 tons</u>		
Northumberland	10.1 - 25.0	Up		10.1 - 25.0	Down	
Perry	25.1 - 50.0	Up		25.1 - 50.0	Up	
Pike	1.0 - 10.0	Up		1.0 - 10.0	Stable	
Potter	1.0 - 10.0	Up		25.1 - 50.0	Stable	
Schuylkill	10.1 - 25.0	Up		10.1 - 25.0	Down	
Snyder	1.0 - 10.0	Up		10.1 - 25.0	Stable	
Somerset	25.1 - 50.0	Stable		50.1 - 100.0	Stable	
Sullivan	1.0 - 10.0	Up		10.1 - 25.0	Down	
Susquehanna	10.1 - 25.0	Up		50.1 - 100.0	Stable	
Tioga	10.1 - 25.0	Up		50.1 - 100.0	Down	
Union	10.1 - 25.0	Up		10.1 - 25.0	Down	
Venango	1.0 - 10.0	Stable		10.1 - 25.0	Stable	
Warren	1.0 - 10.0	Stable		25.1 - 50.0	Stable	
Washington	50.1 - 100.0	Stable		25.1 - 50.0	Stable	
Wayne	1.0 - 10.0	Up		50.1 - 100.0	Stable	
Westmoreland	50.1 - 100.0	Down		25.1 - 50.0	Down	
Wyoming	10.1 - 25.0	Up		10.1 - 25.0	Stable	
York	25.1 - 50.0	Up		50.1 - 100.0	Down	

1/ A number of counties reported small quantities of small grains hay.

Table 6.--New Jersey hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	<u>1,000 tons</u>			<u>1,000 tons</u>		
Burlington	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Camden	1.0 - 10.0	Down		1.0 - 10.0	Down	
Cape May	1.0 - 10.0	Up		a/	Stable	
Cumberland	1.0 - 10.0	Stable		1.0 - 10.0	Down	
Gloucester	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Hunterdon	25.1 - 50.0	Stable		25.1 - 50.0	Down	
Mercer	1.0 - 10.0	Down		1.0 - 10.0	Down	
Middlesex	1.0 - 10.0	Down		1.0 - 10.0	Down	
Monmouth	1.0 - 10.0	Down		1.0 - 10.0	Down	
Morris	10.1 - 25.0	Stable		1.0 - 10.0	Down	
Ocean	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Salem	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Somerset	10.1 - 25.0	Down		10.1 - 25.0	Down	
Sussex	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Warren	25.1 - 50.0	Up		1.0 - 10.0	Down	

a/ Less than 1,000 tons.

Table 7.--Maryland hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays		Expected trend	Lespedeza		
	Normal	1,000 tons		Normal	1,000 tons		Normal	1,000 tons	Expected trend
Allegany	1.0	- 10.0	Up	1.0	- 10.0	Down	---	---	
Anne Arundel	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Baltimore and Baltimore: City	10.1	- 25.0	Up	10.1	- 25.0	Down	---	---	
Calvert	---	---	---	a/	---	---	1.0	- 10.0	Stable
Caroline	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Carroll	25.1	- 50.0	Up	25.1	- 50.0	Stable	---	---	
Cecil	10.1	- 25.0	Up	10.1	- 25.0	Down	---	---	
Charles	---	---	---	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Dorchester	1.0	- 10.0	Up	---	---	Stable	1.0	- 10.0	---
Garrett	1.0	- 10.0	Up	25.1	- 50.0	Stable	---	---	
Frederick	50.1	- 100.0	Up	50.1	- 100.0	Stable	---	---	
Harford	25.1	- 50.0	Stable	10.1	- 25.0	Stable	---	---	
Howard	10.1	- 25.0	Up	10.1	- 25.0	Stable	---	---	
Kent	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Down
Montgomery	10.1	- 25.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Prince Georges	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Queen Annes	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Down
St. Marys	---	---	---	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Somerset	---	---	---	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Talbot	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Washington	25.1	- 50.0	Stable	10.1	- 25.0	Stable	---	---	
Wicomico	---	---	---	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Worcester	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable

a/ Less than 1,000 tons.

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Table 8.--Virginia hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Lespedeza		
	Normal	Expected	trend	Normal	Expected	trend	Normal	Expected	trend
	1,000 tons			1,000 tons			1,000 tons		
Accomack	1.0	10.0	Up	a/	---		1.0	10.0	Down
Albemarle	10.1	25.0	Down	10.1	25.0	Up	1.0	10.0	Down
Alleghany	1.0	10.0	Down	1.0	10.0	Stable	---	---	---
Amelia	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Up
Amherst	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Down
Appomattox	1.0	10.0	Stable	1.0	10.0	Up	1.0	10.0	Down
Augusta	50.1	100.0	Up	25.1	50.0	Up	1.0	10.0	Stable
Bath	1.0	10.0	Up	1.0	10.0	---	a/	---	Down
Bedford	10.1	25.0	Stable	1.0	10.0	Up	10.1	25.0	Stable
Brunswick	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Down
Buchanan	a/	---	Down	a/	---	Down	---	---	---
Buckingham	1.0	10.0	---	1.0	10.0	Up	1.0	10.0	Down
Campbell	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Stable
Carroll	10.1	25.0	Stable	10.1	25.0	Up	a/	---	Down
Charlotte	1.0	10.0	Stable	---	---	Up	---	---	Down
Chesterfield	1.0	10.0	Stable	1.0	10.0	Up	1.0	10.0	Down
Clarke	10.1	25.0	Up	1.0	10.0	Stable	a/	---	Down
Craig	1.0	10.0	Up	1.0	10.0	Up	---	---	---
Culpeper	10.1	25.0	Up	10.1	25.0	Up	1.0	10.0	Down
Cumberland	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Down
Dinwiddie	a/	---	Down	a/	---	Up	a/	---	Down
Fairfax	1.0	10.0	Down	1.0	10.0	Down	a/	---	Down
Fauquier	1.0	10.0	Up	10.1	25.0	Up	1.0	10.0	Down
Floyd	a/	---	Down	---	---	Up	---	---	---
Fluvanna	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Down
Franklin	10.1	25.0	Up	1.0	10.0	Stable	1.0	10.0	Down
Giles	1.0	10.0	Down	1.0	10.0	Up	---	---	---
Goochland	1.0	10.0	Down	1.0	10.0	Up	1.0	10.0	Down
Grayson	10.1	25.0	Down	10.1	25.0	Up	---	---	---
Greene	a/	---	Up	1.0	10.0	Up	1.0	10.0	Down
Halifax	1.0	10.0	Stable	1.0	10.0	Up	10.1	25.0	Down
Hanover	1.0	10.0	Stable	1.0	10.0	Up	1.0	10.0	Down
Henrico	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Stable

Continued --

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Table 8.--Virginia hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Lespedeza	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
James City	a/	Stable	a/	Stable	a/	Stable
King George	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
King William	a/	Down	a/	Up	a/	Stable
Lee	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Loudoun	10.1 - 25.0	Up	25.1 - 50.0	Stable	1.0 - 10.0	Down
Louisa	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Lunenburg	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Down
Madison	1.0 - 10.0	Up	10.1 - 25.0	Stable	1.0 - 10.0	Down
Mecklenburg	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Nelson	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Norfolk	a/	Down	1.0 - 10.0	Down	1.0 - 10.0	Up
Northumberland	1.0 - 10.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Nottoway	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Orange	1.0 - 10.0	Stable	10.1 - 25.0	Down	1.0 - 10.0	Down
Page	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Patrick	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Pittsylvania	1.0 - 10.0	Stable	1.0 - 10.0	Up	10.1 - 25.0	Down
Powhatan	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Prince Edward	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Prince George	a/	Down	---	---	a/	Down
Prince William	1.0 - 10.0	Down	10.1 - 25.0	Up	1.0 - 10.0	Stable
Princess Anne	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Pulaski	10.1 - 25.0	Stable	1.0 - 10.0	Stable	a/	Down
Richmond	a/	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Roanoke	1.0 - 10.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Down
Rockingham	25.1 - 50.0	Up	25.1 - 50.0	Up	1.0 - 10.0	Down
Russell	10.1 - 25.0	Stable	10.1 - 25.0	Up	a/	Stable
Scott	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Spotsylvania	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Stafford	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Tazewell	1.0 - 10.0	Down	1.0 - 10.0	Up	---	---
Warren	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Down
Westmoreland	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up

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Table 8.--Virginia hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		:	Clover, timothy and grass hays		:	Lespedeza	
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend
	<u>1,000 tons</u>			<u>1,000 tons</u>			<u>1,000 tons</u>	
Wise	1.0 - 10.0	Stable		1.0 - 10.0	Stable		---	---
Wythe	10.1 - 25.0	Up		10.1 - 25.0	Stable		1.0 - 10.0	Down
York	1.0 - 10.0	Down		a/	Down		a/	Stable

a/ Less than 1,000 tons.

A number of counties reported small quantities of small grains hay.

Table 9.--Delaware hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		:	Clover, timothy and grass hays		:	Lespedeza	
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend
	<u>1,000 tons</u>			<u>1,000 tons</u>			<u>1,000 tons</u>	
Kent	1.0 - 10.0	Up		10.1 - 25.0	Stable		1.0 - 10.0	Down
New Castle	1.0 - 10.0	Up		10.1 - 25.0	Down		1.0 - 10.0	Down
Sussex	1.0 - 10.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down

Table 10.--West Virginia hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays		
	Normal	1,000 tons		Normal	1,000 tons	
Barbour.....	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Berkeley.....	10.1	- 25.0	Up	1.0	- 10.0	Stable
Braxton.....	1.0	- 10.0	Stable	10.1	- 25.0	Up
Brooke.....	1.0	- 10.0	Stable	1.0	- 10.0	Down
Cabell.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Calhoun.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Clay.....	a/		Stable	1.0	- 10.0	Down
Doddridge.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Fayette.....	1.0	- 10.0	Up	1.0	- 10.0	Stable
Gilmer.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Grant.....	1.0	- 10.0	Up	1.0	- 10.0	Down
Greenbrier.....	10.1	- 25.0	Up	10.1	- 25.0	Stable
Hampshire.....	1.0	- 10.0	Up	1.0	- 10.0	Stable
Hancock.....	1.0	- 10.0	Down	a/		Down
Hardy.....	1.0	- 10.0	Up	10.1	- 25.0	Up
Harrison.....	1.0	- 10.0	Up	10.1	- 25.0	Stable
Jackson.....	1.0	- 10.0	Down	10.1	- 25.0	Down
Jefferson.....	10.1	- 25.0	Up	1.0	- 10.0	Down
Kanawha.....	a/		Down	1.0	- 10.0	Down
Lewis.....	1.0	- 10.0	Down	10.1	- 25.0	Stable
Lincoln.....	---		---	1.0	- 10.0	Down
Marion.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Marshall.....	---		Up	1.0	- 10.0	Stable
Mason.....	10.1	- 25.0	Up	1.0	- 10.0	Stable
Mercer.....	1.0	- 10.0	Up	1.0	- 10.0	Up
Mineral.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Mingo.....	---		Down	a/		Stable
Monongalia.....	1.0	- 10.0	Up	1.0	- 10.0	Down
Morgan.....	---		---	1.0	- 10.0	Stable
Nicholas.....	1.0	- 10.0	Up	1.0	- 10.0	Down
Ohio.....	1.0	- 10.0	Up	1.0	- 10.0	Stable
Pendleton.....	1.0	- 10.0	Up	1.0	- 10.0	Up
Pleasants.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Pocahontas.....	1.0	- 10.0	Stable	10.1	- 25.0	Down
Preston.....	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Raleigh.....	1.0	- 10.0	Up	1.0	- 10.0	Stable
Randolph.....	1.0	- 10.0	Down	10.1	- 25.0	Down
Ritchie.....	1.0	- 10.0	Down	10.1	- 25.0	Up
Roane.....	1.0	- 10.0	Stable	10.1	- 25.0	Up
Taylor.....	---		Stable	1.0	- 10.0	Up
Tucker.....	1.0	- 10.0	Up	1.0	- 10.0	Up
Tyler.....	1.0	- 10.0	Down	1.0	- 10.0	Up
Upshur.....	1.0	- 10.0	Up	1.0	- 10.0	Stable
Webster.....	a/		Stable	1.0	- 10.0	Stable
Wetzel.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Wirt.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Wood.....	1.0	- 10.0	Down	10.1	- 25.0	Up

Jackson and Roane counties reported between 1,000 and 10,000 tons of lespedeza, a few other counties reported small quantities of it. A number of counties reported small quantities of small grains hay. a/ Less than 1,000 tons.

Table 11.--North Carolina hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures 1/		Clover, timothy and grass hays 2/		Lespedeza	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Alamance.....	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Alexander.....	1.0 - 10.0	Down	a/	Stable	---	---
Alleghany.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---
Anson.....	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Up
Ashe.....	1.0 - 10.0	Stable	10.1 - 25.0	Stable	---	---
Avery.....	a/	Down	1.0 - 10.0	Down	---	---
Bertie.....	---	---	---	---	a/	Down
Bladen.....	---	---	---	---	1.0 - 10.0	Down
Brunswick.....	1.0 - 10.0	---	a/	Stable	1.0 - 10.0	Stable
Buncombe.....	10.1 - 25.0	Stable	1.0 - 10.0	Stable	a/	Down
Burke.....	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Up
Cabarrus.....	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Down
Caldwell.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Camden.....	---	---	---	---	a/	Down
Carteret.....	a/	Up	a/	Up	a/	Up
Caswell.....	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Chatham.....	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Cherokee.....	a/	Stable	1.0 - 10.0	Up	---	---
Chowan.....	1.0 - 10.0	Stable	---	---	---	---
Clay.....	a/	Stable	1.0 - 10.0	Stable	---	---
Cleveland.....	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Up
Columbus.....	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Cumberland.....	---	Down	a/	Down	1.0 - 10.0	Up
Davidson.....	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Duplin.....	---	---	a/	Stable	a/	Stable
Durham.....	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Edgecombe.....	10.1 - 25.0	Stable	a/	Down	1.0 - 10.0	Stable
Forsyth.....	10.1 - 25.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Franklin.....	a/	Stable	a/	Stable	1.0 - 10.0	Stable
Gaston.....	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Down
Graham.....	---	---	1.0 - 10.0	Stable	---	---
Granville.....	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Greene.....	---	---	---	---	a/	Down

Continued --

Table 11.--North Carolina hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures 1/		:	Clover, timothy and grass hays 2/		:	Lespedeza		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons		
Guilford.....	1.0 - 10.0	Up	:	1.0 - 10.0	Up	:	10.1 - 25.0	Stable	
Halifax.....	---	Down	:	a/	Down	:	1.0 - 10.0	Stable	
Harnett.....	---	---	:	---	---	:	1.0 - 10.0	Stable	
Haywood.....	1.0 - 10.0	Down	:	1.0 - 10.0	Stable	:	---	---	
Henderson.....	a/	Down	:	1.0 - 10.0	Stable	:	---	---	
Hertford.....	---	---	:	---	---	:	a/	Stable	
Hoke.....	a/	Stable	:	a/	Up	:	1.0 - 10.0	Down	
Hyde.....	a/	Up	:	---	---	:	a/	Stable	
Iredell.....	1.0 - 10.0	Down	:	1.0 - 10.0	Stable	:	10.1 - 25.0	Down	
Jackson.....	a/	Down	:	1.0 - 10.0	Stable	:	a/	Stable	
Johnston.....	a/	Stable	:	a/	Stable	:	1.0 - 10.0	Up	
Jones.....	---	---	:	---	---	:	a/	Stable	
Lee.....	1.0 - 10.0	Stable	:	a/	Up	:	a/	Stable	
Lenoir.....	---	---	:	---	---	:	1.0 - 10.0	Down	
Lincoln.....	1.0 - 10.0	Stable	:	a/	Stable	:	1.0 - 10.0	Down	
McDowell.....	a/	Down	:	1.0 - 10.0	Up	:	---	---	
Macon.....	a/	Down	:	1.0 - 10.0	Stable	:	---	---	
Madison.....	1.0 - 10.0	Down	:	1.0 - 10.0	Up	:	a/	Stable	
Mecklenburg.....	1.0 - 10.0	Stable	:	1.0 - 10.0	Stable	:	1.0 - 10.0	Down	
Mitchell.....	1.0 - 10.0	Down	:	1.0 - 10.0	Up	:	---	---	
Montgomery.....	a/	Stable	:	a/	Stable	:	1.0 - 10.0	Up	
Moore.....	---	---	:	---	---	:	1.0 - 10.0	Down	
Nash.....	a/	Down	:	a/	Stable	:	1.0 - 10.0	Stable	
New Hanover.....	a/	Down	:	---	---	:	---	---	
Northampton.....	---	Up	:	a/	Down	:	a/	Stable	
Onslow.....	---	---	:	---	---	:	a/	Stable	
Orange.....	1.0 - 10.0	Up	:	1.0 - 10.0	---	:	1.0 - 10.0	---	
Pamlico.....	---	---	:	---	Stable	:	1.0 - 10.0	---	
Pasquotank.....	---	---	:	---	---	:	1.0 - 10.0	Stable	
Pender.....	---	---	:	a/	Up	:	1.0 - 10.0	Stable	
Perquimans.....	---	---	:	---	---	:	a/	Down	
Person.....	a/	Stable	:	a/	Up	:	1.0 - 10.0	Down	
Pitt.....	---	---	:	---	---	:	1.0 - 10.0	Down	

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Continued --

Table 11.--North Carolina hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures 1/		Clover, timothy and grass hays 2/		Lespedeza	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Polk.....	a/	Up	1.0 - 10.0	Up	---	---
Randolph.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Richmond.....	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Robeson.....	a/	Stable	a/	Stable	1.0 - 10.0	Stable
Rockingham.....	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Rowan.....	1.0 - 10.0	Up	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Rutherford.....	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Down
Sampson.....	---	Stable	---	Stable	1.0 - 10.0	Up
Scotland.....	---	---	---	---	1.0 - 10.0	Stable
Stanly.....	---	Down	a/	Stable	1.0 - 10.0	Stable
Stokes.....	1.0 - 10.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Surry.....	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Swain.....	a/	Down	1.0 - 10.0	Up	---	---
Union.....	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Down
Vance.....	1.0 - 10.0	Stable	a/	Up	1.0 - 10.0	Up
Wake.....	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Down
Warren.....	1.0 - 10.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Up
Washington.....	---	---	---	Stable	1.0 - 10.0	Stable
Watauga.....	a/	Stable	1.0 - 10.0	Down	---	---
Wayne.....	a/	Stable	a/	Up	1.0 - 10.0	Down
Wilson.....	---	Down	---	Down	1.0 - 10.0	Stable
Yadkin.....	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Down
Yancey.....	1.0 - 10.0	Down	1.0 - 10.0	Stable	---	---

1/ Includes peanut hay, soybean and cowpeas hay.

2/ Includes bermuda and fescue hay.

a/ Less than 1,000 tons.

Most counties reported small quantities of small grains hay.

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Table 12.--South Carolina hay: Normal production and expected trends, by principal kinds of hay

County	Lespedeza ^{1/}		Coastal bermuda grass		Small grains hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Abbeville.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Aiken.....	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Down
Allendale.....	---	---	1.0 - 10.0	Up	---	---
Bamberg.....	a/	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Barnwell.....	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Beaufort.....	a/	---	1.0 - 10.0	Up	a/	---
Berkeley.....	a/	Up	1.0 - 10.0	Up	a/	Stable
Calhoun.....	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Charleston.....	a/	Stable	a/	Stable	a/	Stable
Cherokee.....	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Chester.....	a/	Stable	a/	Up	a/	Down
Chesterfield.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Down
Clarendon.....	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Colleton.....	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up
Darlington.....	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Dillon.....	1.0 - 10.0	Stable	a/	Up	a/	Down
Edgefield.....	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Down
Fairfield.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Florence.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Down
Georgetown.....	a/	Up	a/	Up	a/	Stable
Greenville.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Greenwood.....	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Up
Hampton.....	---	Down	1.0 - 10.0	Up	a/	Down
Horry.....	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Down
Jasper.....	---	---	1.0 - 10.0	Stable	a/	Stable
Kershaw.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Up
Laurens.....	1.0 - 10.0	---	1.0 - 10.0	Up	1.0 - 10.0	Up
Lee.....	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Lexington.....	1.0 - 10.0	Down	1.0 - 10.0	Up	a/	Down
McCormick.....	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Marion.....	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Marlboro.....	1.0 - 10.0	Stable	10.1 - 25.0	Up	1.0 - 10.0	Down
Newberry.....	1.0 - 10.0	Stable	a/	Up	1.0 - 10.0	Up
Oconee.....	1.0 - 10.0	Down	a/	Up	1.0 - 10.0	Stable
Orangeburg.....	a/	Down	25.1 - 50.0	Up	1.0 - 10.0	Stable
Pickens.....	1.0 - 10.0	Stable	a/	Up	1.0 - 10.0	Stable
Richland.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable
Saluda.....	1.0 - 10.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Spartanburg.....	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Sumter.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Up
Union.....	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Down
Williamsburg.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
York.....	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down

^{1/} Includes small quantities of alfalfa. a/ Less than 1,000 tons.

Table 13.--Georgia hay: Normal production and expected trends, by principal kinds of hay

County	Bermuda			Legume hay ^{1/}			Small grains hay		
	Normal	:	Expected trend	Normal	:	Expected trend	Normal	:	Expected trend
	1,000 tons			1,000 tons			1,000 tons		
Appling.....	1.0	-	10.0	Up	---	---	---	---	---
Bacon.....	1.0	-	10.0	Up	---	---	---	---	---
Baker.....	10.1	-	25.0	Up	---	---	---	---	---
Baldwin.....	10.1	-	25.0	Up	a/	Stable	a/	Down	---
Banks.....	a/		Up	1.0	-	10.0	Stable	a/	Down
Barrow.....	1.0	-	10.0	Up	1.0	-	10.0	Down	1.0 - 10.0
Bartow.....	a/		Up	10.1	-	25.0	Up	1.0 - 10.0	Up
Ben Hill.....	a/		Up	a/		Down	a/		Stable
Berrien.....	1.0	-	10.0	Up	---	---	---	---	---
Bibb.....	1.0	-	10.0	Up	a/	Stable	1.0	-	10.0
Bleckley.....	1.0	-	10.0	Up	a/	Up	a/		Stable
Brantley.....	1.0	-	10.0	Up	---	---	a/		Stable
Brooks.....	10.1	-	25.0	Up	---	---	---	---	---
Bryan.....	1.0	-	10.0	Up	---	---	---	---	---
Bulloch.....	1.0	-	10.0	Up	---	---	a/		---
Burke.....	1.0	-	10.0	Up	a/	Stable	a/		Stable
Butts.....	1.0	-	10.0	Up	1.0	-	10.0	Stable	1.0 - 10.0
Calhoun.....	1.0	-	10.0	Up	a/	Stable	a/		Stable
Camden.....	a/		Stable	---	---	---	---	---	---
Candler.....	a/		Up	---	---	---	---	---	---
Carroll.....	1.0	-	10.0	---	1.0	-	10.0	---	a/
Catoosa.....	---		---	---	1.0	-	10.0	Stable	1.0 - 10.0
Charlton.....	---		---	---	---	---	1.0	-	10.0
Chatham.....	a/		---	---	1.0	-	10.0	Up	---
Chattahoochee.....	a/		Down	---	---	---	a/		Down
Cherokee.....	---		---	---	a/	Stable	a/		Stable
Clarke.....	1.0	-	10.0	Up	1.0	-	10.0	Up	1.0 - 10.0
Clay.....	a/		---	---	1.0	-	10.0	Up	---
Clayton.....	1.0	-	10.0	Up	a/	Stable	a/		Stable
Clinch.....	a/		Down	---	---	---	---	---	Down
Cobb.....	a/		Stable	---	1.0	-	10.0	Up	a/
Coffee.....	1.0	-	10.0	---	---	---	1.0	-	10.0
Colquitt.....	25.1	-	50.0	Up	---	---	1.0	-	10.0

Continued --

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Table 13.--Georgia hay: Normal production and expected trends, by principal kinds of hay--Continued

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County	Bermuda			Legume hay 1/			Small grains hay		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons		
Columbia.....	1.0 - 10.0	Up		a/	Stable		1.0 - 10.0	Up	
Cook.....	1.0 - 10.0	Up		a/	Stable		a/	Stable	
Coweta.....	1.0 - 10.0	Up	1.0 - 10.0	Stable			a/	Down	
Crisp.....	1.0 - 10.0	Up	---	---			a/	Stable	
Dawson.....	---	---		a/	---		a/	Up	
Decatur.....	1.0 - 10.0	Up		a/	---		---	---	
Dodge.....	a/	Up		---	---		a/	---	
Dooly.....	1.0 - 10.0	Up		---	---		a/	---	
Dougherty.....	1.0 - 10.0	Up		---	---		a/	Stable	
Douglas.....	a/	Stable		a/	Stable		a/	Stable	
Early.....	10.1 - 25.0	Up	1.0 - 10.0	Up		1.0 - 10.0	Up		
Echols.....	a/	Up		---	---		---	---	
Effingham.....	a/	Up		---	---		---	---	
Evans.....	1.0 - 10.0	Stable		---	---		a/	---	
Fannin.....	---	---	1.0 - 10.0	Stable			a/	Stable	
Fayette.....	1.0 - 10.0	Up		a/	Stable		a/	Stable	
Floyd.....	1.0 - 10.0	Up	1.0 - 10.0	Down		1.0 - 10.0	Up		
Forsyth.....	---	---	1.0 - 10.0	Stable		1.0 - 10.0	Stable		
Fulton.....	1.0 - 10.0	Up	1.0 - 10.0	Down		1.0 - 10.0	Down		
Gilmer.....	---	---	1.0 - 10.0	Stable			a/	Stable	
GlascocK.....	1.0 - 10.0	Up	---	---			a/	Down	
Glynn.....	1.0 - 10.0	Up	---	---			---	---	
Gordon.....	a/	Up	1.0 - 10.0	Up			a/	Stable	
Grady.....	1.0 - 10.0	Stable	---	---		1.0 - 10.0	---	---	
Greene.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable		1.0 - 10.0	Stable		
Gwinnett.....	1.0 - 10.0	Up	1.0 - 10.0	Stable			a/	Down	
Habersham.....	a/	Up	1.0 - 10.0	Stable			a/	Stable	
Hall.....	a/	Up	1.0 - 10.0	Up			a/	Stable	
Hancock.....	1.0 - 10.0	Stable		a/	Down		a/	Down	
Haralson.....	1.0 - 10.0	---	1.0 - 10.0	Stable			a/	Up	
Harris.....	1.0 - 10.0	Up		a/	---		a/	---	
Hart.....	a/	Up	1.0 - 10.0	Stable			a/	Up	
Heard.....	a/	Up		a/	Down		a/	Up	

Continued --

Table 13.--Georgia hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Bermuda		Legume hay 1/		Small grains hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Henry.....	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Irwin.....	1.0 - 10.0	Up	1.0 - 10.0	---	---	---
Jackson.....	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up
Jasper.....	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable
Jeff Davis.....	1.0 - 10.0	Up	---	---	---	---
Jefferson.....	1.0 - 10.0	Up	a/	---	1.0 - 10.0	Stable
Jenkins.....	1.0 - 10.0	Up	---	---	a/	---
Jones.....	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable
Lamar.....	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	Down
Lanier.....	1.0 - 10.0	Up	---	---	a/	Stable
Laurens.....	10.1 - 25.0	Up	a/	---	1.0 - 10.0	Stable
Long.....	a/	Down	---	---	---	---
Lowndes.....	1.0 - 10.0	Up	---	---	1.0 - 10.0	Up
Lumpkin.....	---	---	a/	Stable	a/	Up
McIntosh.....	a/	Down	---	---	---	---
Macon.....	1.0 - 10.0	Up	---	Down	a/	Stable
Madison.....	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up
Marion.....	1.0 - 10.0	Up	---	---	---	---
Meriwether.....	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Miller.....	a/	---	a/	---	---	---
Mitchell.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable
Monroe.....	1.0 - 10.0	Up	a/	Down	a/	Down
Montgomery.....	1.0 - 10.0	Up	---	---	---	---
Morgan.....	a/	Stable	1.0 - 10.0	Down	1.0 - 10.0	Stable
Murray.....	a/	Up	1.0 - 10.0	Stable	a/	Stable
Oconee.....	a/	Up	1.0 - 10.0	Stable	---	Stable
Paulding.....	---	---	a/	Stable	a/	Stable
Peach.....	1.0 - 10.0	Up	---	Down	a/	Up
Pickens.....	---	---	1.0 - 10.0	Up	a/	Stable
Pierce.....	1.0 - 10.0	Up	---	---	---	---
Pike.....	a/	Up	a/	Down	a/	Stable
Polk.....	a/	Stable	1.0 - 10.0	Stable	a/	Stable
Pulaski.....	1.0 - 10.0	Up	---	---	a/	Down
Putnam.....	a/	Stable	a/	Stable	a/	Stable
Quitman.....	a/	Up	a/	Stable	---	---
Randolph.....	1.0 - 10.0	Up	a/	---	a/	---

Continued --

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Table 13.--Georgia hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Bermuda		Legume hay ^{1/}		Small grains hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Rockdale.....	---	---	a/	Down	a/	Down
Schley.....	a/	Up	a/	Down	a/	---
Screven.....	1.0 - 10.0	Up	---	---	a/	---
Seminole.....	1.0 - 10.0	Up	---	---	a/	Up
Spalding.....	a/	Stable	a/	Stable	a/	Stable
Stephens.....	---	---	a/	Stable	a/	Stable
Stewart.....	a/	Up	a/	Down	a/	---
Taliaferro.....	---	---	a/	Down	---	Down
Tattnall.....	1.0 - 10.0	Up	---	---	---	---
Taylor.....	a/	Up	---	---	a/	Up
Telfair.....	1.0 - 10.0	Up	---	---	a/	Up
Terrell.....	1.0 - 10.0	Up	a/	Stable	a/	Stable
Thomas.....	10.1 - 25.0	Up	---	---	1.0 - 10.0	Up
Tift.....	1.0 - 10.0	Up	---	---	---	---
Toombs.....	1.0 - 10.0	Up	---	---	a/	Stable
Treutlen.....	a/	---	---	---	a/	Up
Troup.....	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable
Turner.....	a/	Up	---	---	---	---
Twiggs.....	1.0 - 10.0	Up	a/	Down	a/	Down
Union.....	---	---	a/	Down	a/	Stable
Upson.....	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Up
Walker.....	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Walton.....	---	---	1.0 - 10.0	Up	1.0 - 10.0	---
Ware.....	1.0 - 10.0	---	---	---	1.0 - 10.0	Up
Warren.....	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Washington.....	1.0 - 10.0	Up	a/	Stable	a/	Stable
Wayne.....	1.0 - 10.0	Up	---	---	a/	Stable
Webster.....	1.0 - 10.0	Up	---	Down	---	Down
Wheeler.....	1.0 - 10.0	Up	a/	---	---	---
White.....	---	---	1.0 - 10.0	Up	---	Down
Whitfield.....	a/	Stable	1.0 - 10.0	Up	a/	Up
Wilcox.....	1.0 - 10.0	Up	a/	Down	a/	Up
Wilkes.....	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Wilkinson.....	1.0 - 10.0	Up	---	---	a/	---
Worth.....	1.0 - 10.0	Up	---	---	a/	Up

^{1/} Includes alfalfa, lespedeza, clover and peanut hay.
 a/ Less than 1,000 tons.

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Table 14.--Florida hay: Normal production and expected trends,
by principal kinds of hay

County	Grass hays		Expected trend
	Normal	:	
	<u>1,000 tons</u>		
Baker.....	a/		Stable
Brevard.....	1.0 -	10.0	Down
Broward.....	1.0 -	10.0	Stable
Calhoun.....	1.0 -	10.0	Up
Citrus.....	1.0 -	10.0	Up
Clay.....	1.0 -	10.0	Up
Collier.....	---	---	---
Columbia.....	1.0 -	10.0	Up
Dade.....	1.0 -	10.0	Down
Dixie.....	1.0 -	10.0	Up
Escambia.....	1.0 -	10.0	Up
Flagler.....	a/		Up
Franklin.....	a/		Stable
Gadsden.....	1.0 -	10.0	Stable
Gulf.....	a/		Up
Hamilton.....	a/		Up
Hardee.....	1.0 -	10.0	Up
Highlands.....	1.0 -	10.0	Up
Hillsborough.....	1.0 -	10.0	Stable
Holmes.....	1.0 -	10.0	Up
Indian River.....	1.0 -	10.0	Stable
Lafayette.....	1.0 -	10.0	Up
Lake.....	1.0 -	10.0	Stable
Leon.....	10.1 -	25.0	Up
Liberty.....	a/		Up
Madison.....	1.0 -	10.0	Up
Manatee.....	10.1 -	25.0	Up
Marion.....	1.0 -	10.0	Up
Martin.....	a/		Up
Okaloosa.....	1.0 -	10.0	Up
Osceola.....	1.0 -	10.0	Up
Pasco.....	1.0 -	10.0	Stable
Pinellas.....	1.0 -	10.0	Stable
Polk.....	1.0 -	10.0	Up
St. Johns.....	a/		Up
St. Lucie.....	a/		Up
Sarasota.....	1.0 -	10.0	Stable
Suwannee.....	1.0 -	10.0	Up
Taylor.....	a/		Stable
Walton.....	1.0 -	10.0	Up
Washington.....	1.0 -	10.0	Up

a/ Less than 1,000 tons.

Table 15.--Kentucky hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Lespedeza		Small grains hay					
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend				
	1,000 tons		1,000 tons		1,000 tons		1,000 tons					
Adair	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Down
Allen	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	a/		Down
Anderson	10.1	- 25.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Ballard	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	---		---
Barren	10.1	- 25.0	Up	10.1	- 25.0	Up	10.1	- 25.0	Down	1.0	- 10.0	Down
Bath	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Down
Bell	a/		Stable	a/		Stable	a/		Stable	a/		Stable
Boone	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Bourbon	10.1	- 25.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Boyd	1.0	- 10.0	Down	a/		Down	1.0	- 10.0	Down	---		---
Boyle	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		Down
Bracken	10.1	- 25.0	Up	1.0	- 10.0	Stable	---		---	a/		Stable
Breathitt	a/		Stable	a/		Stable	a/		Stable	a/		Stable
Breckinridge	1.0	- 10.0	Up	10.1	- 25.0	Up	10.1	- 25.0	Up	a/		Down
Bullitt	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		---
Butler	a/		Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Caldwell	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down
Calloway	a/		Stable	1.0	- 10.0	Up	10.1	- 25.0	Stable	a/		Stable
Campbell	10.1	- 25.0	Up	1.0	- 10.0	Stable	---		---	---		---
Carlisle	a/		Stable	1.0	- 10.0	Down	1.0	- 10.0	Up	---		---
Carroll	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	---		---
Carter	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Stable
Casey	1.0	- 10.0	Stable	1.0	- 10.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Down
Christian	10.1	- 25.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Clark	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Down
Clay	a/		Up	1.0	- 10.0	Up	1.0	- 10.0	Down	a/		Down
Clinton	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	a/		Down
Crittenden	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	a/		Stable
Cumberland	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Stable
Daviess	1.0	- 10.0	Up	10.1	- 25.0	Up	10.1	- 25.0	Stable	a/		Stable
Edmonson	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	a/		Down
Elliott	a/		Up	1.0	- 10.0	Stable	a/		Down	---		---
Estill	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down	---		---
Fayette	10.1	- 25.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Fleming	10.1	- 25.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		Down
Floyd	a/		Up	1.0	- 10.0	Stable	---		---	---		---
Franklin	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Fulton	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Gallatin	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		Up	a/		Down
Garrard	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Grant	10.1	- 25.0	Up	1.0	- 10.0	Stable	---		Down	---		---
Graves	a/		Up	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		---

Continued --

Table 15.--Kentucky hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Lespedeza		Small grains hay	
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	Normal	Expected trend
	1,000 tons			1,000 tons			1,000 tons		1,000 tons	
Grayson	1.0 - 10.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Up	1.0 - 10.0	Up
Green	1.0 - 10.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Stable	a/	Down
Greenup	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up	a/	Stable
Hancock	a/	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	---	---
Hardin	10.1 - 25.0	Up		10.1 - 25.0	Up		10.1 - 25.0	Down	1.0 - 10.0	Down
Harlan	a/	Stable		a/	Stable		a/	Stable	---	Down
Harrison	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Up	1.0 - 10.0	Up
Hart	10.1 - 25.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	a/	Down
Henderson	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	a/	Down
Henry	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down	1.0 - 10.0	Down
Hickman	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	a/	Down
Jackson	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up	a/	Down
Jefferson	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down	1.0 - 10.0	Stable
Johnson	a/	---		1.0 - 10.0	Up		---	---	---	---
Kenton	1.0 - 10.0	Stable		1.0 - 10.0	Stable		---	---	a/	Stable
Knott	---	---		a/	Stable		a/	Stable	a/	Stable
Larue	1.0 - 10.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	1.0 - 10.0	Stable
Laurel	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Down	1.0 - 10.0	Down
Lee	a/	Up		1.0 - 10.0	Up		1.0 - 10.0	Down	---	---
Leslie	---	---		a/	Stable		a/	Stable	---	---
Letcher	---	---		a/	Stable		a/	Stable	a/	Stable
Lewis	1.0 - 10.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Up	1.0 - 10.0	Down
Lincoln	1.0 - 10.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Stable	1.0 - 10.0	Down
Logan	10.1 - 25.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Stable	1.0 - 10.0	Stable
Lyon	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up	a/	Stable
McCracken	a/	Stable		1.0 - 10.0	Up		1.0 - 10.0	Stable	---	---
McCreary	a/	Stable		a/	Stable		1.0 - 10.0	Stable	1.0 - 10.0	Stable
McLean	1.0 - 10.0	Down		1.0 - 10.0	Up		1.0 - 10.0	Down	a/	Up
Madison	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	1.0 - 10.0	Stable
Marion	1.0 - 10.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Down	---	Down
Marshall	a/	Stable		1.0 - 10.0	Up		1.0 - 10.0	Down	---	---
Mason	10.1 - 25.0	Up		10.1 - 25.0	Stable		1.0 - 10.0	Down	---	---
Meade	1.0 - 10.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down	1.0 - 10.0	Stable
Menifee	a/	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	---	---
Mercer	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	1.0 - 10.0	Down
Metcalfe	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up	1.0 - 10.0	Up
Monroe	1.0 - 10.0	Up		---	Up		a/	Up	---	Stable
Montgomery	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	1.0 - 10.0	Stable
Morgan	a/	Up		1.0 - 10.0	Stable		1.0 - 10.0	Up	a/	Stable
Muhlenberg	a/	Stable		1.0 - 10.0	Up		1.0 - 10.0	Stable	---	---
Nelson	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	---	Down
Nicholas	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	a/	Down

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Table 15.--Kentucky hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Lespedeza		Small grains hay							
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	Normal	Expected trend						
	1,000 tons			1,000 tons			1,000 tons		1,000 tons							
Ohio	1.0	-	10.0	Stable	1.0	-	10.0	Up	10.1	-	25.0	Up	a/	Down		
Oldham	10.1	-	25.0	Up	1.0	-	10.0	Up	1.0	-	10.0	Down	1.0	-	10.0	Down
Owen	10.1	-	25.0	Up	1.0	-	10.0	Stable	1.0	-	10.0	Down	a/	Down		
Owsley		a/		Stable	1.0	-	10.0	Stable	1.0	-	10.0	Stable	---	---		
Pendleton	10.1	-	25.0	Up	1.0	-	10.0	Stable	---	---	---	---	a/	Stable		
Perry		a/		Down	a/			Down	a/			Down	a/	Down		
Pike		a/		Down	a/			Down	a/			Down	a/	Down		
Powell		a/		Up	a/			Up	1.0	-	10.0	Up	---	---		
Pulaski	10.1	-	25.0	---	1.0	-	10.0	Up	10.1	-	25.0	Stable	1.0	-	10.0	Stable
Robertson	1.0	-	10.0	Up	1.0	-	10.0	Down	1.0	-	10.0	Stable	a/	---		
Rockcastle	1.0	-	10.0	Up	1.0	-	10.0	Up	1.0	-	10.0	Stable	a/	Down		
Rowan		a/		Up	1.0	-	10.0	Stable	1.0	-	10.0	Up	---	---		
Scott	10.1	-	25.0	Up	1.0	-	10.0	Up	1.0	-	10.0	Down	1.0	-	10.0	Down
Shelby	25.1	-	50.0	Up	10.1	-	25.0	Up	1.0	-	10.0	Down	1.0	-	10.0	Down
Simpson	1.0	-	10.0	Up	1.0	-	10.0	Stable	10.1	-	25.0	Down	a/	Stable		
Spencer	10.1	-	25.0	Up	1.0	-	10.0	Up	1.0	-	10.0	Down	a/	Down		
Taylor	1.0	-	10.0	Up	1.0	-	10.0	Up	10.1	-	25.0	Stable	a/	Down		
Todd	1.0	-	10.0	Up	1.0	-	10.0	Up	1.0	-	10.0	Stable	a/	Down		
Trigg	1.0	-	10.0	Up	1.0	-	10.0	Up	1.0	-	10.0	Stable	a/	Down		
Trimble	1.0	-	10.0	Up	1.0	-	10.0	Stable	---	---	---	---	1.0	-	10.0	Down
Union	1.0	-	10.0	Up	10.1	-	25.0	Up	1.0	-	10.0	Down	a/	Stable		
Warren	50.1	-	100.0	Up	1.0	-	10.0	Stable	10.1	-	25.0	Down	1.0	-	10.0	Down
Washington	10.1	-	25.0	Up	1.0	-	10.0	Up	10.1	-	25.0	Up	1.0	-	10.0	Down
Wayne	1.0	-	10.0	Up	1.0	-	10.0	Down	1.0	-	10.0	Down	1.0	-	10.0	Down
Webster	1.0	-	10.0	Up	1.0	-	10.0	Up	1.0	-	10.0	---	a/	---		
Whitley		a/		Up	1.0	-	10.0	Up	1.0	-	10.0	Up	---	---		
Wolfe		a/		Up	1.0	-	10.0	Up	1.0	-	10.0	Up	---	---		
Woodford	1.0	-	10.0	Up	1.0	-	10.0	Stable	1.0	-	10.0	Down	a/	Stable		

a/ Less than 1,000 tons.

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Table 16.--Tennessee hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Lespedeza		Small grains hay		
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		
Anderson	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Bedford	1.0	- 10.0	Stable	1.0	- 10.0	Up	10.1	- 25.0	Down
Benton	a/		Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Bradley	1.0	- 10.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Stable
Campbell	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Cannon	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Carroll	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Down
Carter	1.0	- 10.0	Up	1.0	- 10.0	Stable	---		Up
Cheatham	a/		Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Chester	a/		Up	a/		Stable	1.0	- 10.0	Down
Claborn	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down
Coffee	1.0	- 10.0	Up	---		---	1.0	- 10.0	Stable
Crockett	a/		Up	a/		Stable	10.1	- 25.0	Up
Cumberland	a/		Stable	1.0	- 10.0	Up	1.0	- 10.0	Stable
Davidson	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down
De Kalb	a/		Up	a/		Stable	10.1	- 25.0	Down
Dickson	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Fayette	a/		Up	1.0	- 10.0	Up	10.1	- 25.0	Up
Franklin	10.1	- 25.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down
Gibson	1.0	- 10.0	Up	1.0	- 10.0	Up	25.1	- 50.0	Stable
Grainger	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Grundy	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Hamblen	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Hamilton	1.0	- 10.0	Up	a/		Stable	1.0	- 10.0	Stable
Hancock	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Up
Hardeman	a/		Up	a/		Stable	1.0	- 10.0	Stable
Hardin	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Hawkins	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Haywood	a/		Stable	a/		Stable	10.1	- 25.0	Stable
Henderson	1.0	- 10.0	Stable	a/		Stable	1.0	- 10.0	Up
Henry	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Hickman	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Houston	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Jackson	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Jefferson	10.1	- 25.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Up
Johnson	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Down
Lake	1.0	- 10.0	Stable	---		---	a/		---
Lawrence	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable
Lewis	a/		Up	a/		Stable	1.0	- 10.0	Stable
Lincoln	10.1	- 25.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Down
Loudon	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
McMinn	10.1	- 25.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Stable

Continued--

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Table 16.--Tennessee hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Lespedeza		Small grains hay					
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend				
	1,000 tons		1,000 tons		1,000 tons		1,000 tons					
Macon	1.0	- 10.0	Up	1.0	- 10.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Up
Madison	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Down
Marion	1.0	- 10.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		Down
Marshall	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable
Maury	10.1	- 25.0	Up	1.0	- 10.0	Stable	10.1	- 25.0	Up	1.0	- 10.0	Stable
Meigs	1.0	- 10.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Monroe	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Stable
Montgomery	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		Stable
Moore	a/		Stable	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Morgan	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Down
Obion	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Up
Perry	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Pickett	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Polks	---		Up	---		Up	---		Stable	---		Stable
Putman	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Rhea	a/		Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Down
Roane	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Rutherford	25.1	- 50.0	Up	1.0	- 10.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Down
Scott	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		Up
Sequatchie	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Sevier	1.0	- 10.0	Down	1.0	- 10.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Stable
Shelby	1.0	- 10.0	Stable	1.0	- 10.0	Up	10.1	- 25.0	Up	a/		Stable
Smith	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Stable
Stewart	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	---		Down
Sumner	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Tipton	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Stable
Trousdale	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Down
Union	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Van Buren	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Stable
Warren	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Down
Washington	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable
Wayne	a/		Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	a/		Down
Weapley	a/		Up	1.0	- 10.0	Up	25.1	- 50.0	Stable	a/		Stable
White	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Williamson	10.1	- 25.0	Up	1.0	- 10.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Stable

a/ Less than 1,000 tons.

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Table 17.--Alabama hay: Normal production and expected trends, by principal kinds of hay

County	Clover, timothy and grass hays ^{1/}			Lespedeza		Small grains hay ^{2/}		Perennial cultivated grasses ^{3/}	
	Normal	Expected trend		Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons			1,000 tons		1,000 tons		1,000 tons	
Autauga	a/	Down		a/	Down	1.0 - 10.0	Stable	25.1 - 50.0	Up
Baldwin	1.0 - 10.0	Up		---	---	a/	Up	1.0 - 10.0	Up
Barbour	1.0 - 10.0	Up		---	Down	---	Stable	---	---
Bibb	a/	---		a/	Down	---	Down	1.0 - 10.0	Up
Blount	1.0 - 10.0	Stable	1.0 - 10.0	Stable	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up
Bullock	a/	Stable	---	---	Down	a/	Up	10.1 - 25.0	Up
Butler	---	Down	---	---	Down	---	Down	1.0 - 10.0	Up
Calhoun	1.0 - 10.0	Up	1.0 - 10.0	Up	Up	1.0 - 10.0	Up	---	---
Chambers	1.0 - 10.0	Stable	1.0 - 10.0	Down	Down	1.0 - 10.0	Stable	10.1 - 25.0	Up
Cherokee	1.0 - 10.0	Up	1.0 - 10.0	Up	Up	a/	Up	---	---
Chilton	1.0 - 10.0	Stable	a/	Down	Down	1.0 - 10.0	Up	1.0 - 10.0	Up
Choctaw	a/	Stable	a/	Down	Down	1.0 - 10.0	Up	a/	Up
Clarke	a/	---	---	---	---	a/	Stable	1.0 - 10.0	Up
Clay	1.0 - 10.0	Up	a/	Stable	Stable	a/	Up	a/	Up
Cleburne	1.0 - 10.0	Up	a/	Stable	Stable	a/	Stable	---	---
Coffee	---	---	---	---	---	a/	Stable	1.0 - 10.0	Up
Colbert	1.0 - 10.0	Stable	1.0 - 10.0	Stable	Stable	1.0 - 10.0	Stable	---	---
Conecuh	a/	---	---	---	---	---	---	1.0 - 10.0	Up
Coosa	a/	Down	a/	Down	Down	a/	Stable	1.0 - 10.0	Down
Covington	a/	Down	---	---	Down	---	Down	1.0 - 10.0	Up
Crenshaw	1.0 - 10.0	---	---	---	---	---	---	25.1 - 50.0	Up
Cullman	10.1 - 25.0	---	1.0 - 10.0	---	---	1.0 - 10.0	---	1.0 - 10.0	---
Dale	1.0 - 10.0	---	---	---	---	a/	Down	1.0 - 10.0	Up
Dallas	1.0 - 10.0	Stable	a/	Down	Down	1.0 - 10.0	Stable	1.0 - 10.0	Up
DeKalb	1.0 - 10.0	Up	1.0 - 10.0	Down	Down	1.0 - 10.0	Down	---	---
Elmore	1.0 - 10.0	Up	a/	Down	Down	1.0 - 10.0	Stable	1.0 - 10.0	Up
Escambia	a/	Up	a/	Up	Up	---	---	1.0 - 10.0	---
Etowah	1.0 - 10.0	Up	1.0 - 10.0	Stable	Stable	a/	Up	---	---
Fayette	a/	Stable	1.0 - 10.0	Stable	Stable	a/	Stable	1.0 - 10.0	Up
Franklin	1.0 - 10.0	Up	1.0 - 10.0	Stable	Stable	1.0 - 10.0	Up	---	---
Geneva	1.0 - 10.0	Stable	---	---	---	a/	Up	1.0 - 10.0	Up
Greene	a/	Stable	a/	Stable	Stable	a/	Stable	1.0 - 10.0	Up
Hale	1.0 - 10.0	---	a/	Down	Down	a/	Up	10.1 - 25.0	Up
Henry	a/	---	---	---	---	---	---	1.0 - 10.0	Up
Houston	a/	Stable	---	---	---	a/	---	1.0 - 10.0	Up
Jackson	1.0 - 10.0	Up	1.0 - 10.0	Up	Up	1.0 - 10.0	Stable	---	---
Jefferson	1.0 - 10.0	Up	a/	Down	Down	1.0 - 10.0	Stable	---	---
Lamar	---	---	1.0 - 10.0	Down	Down	1.0 - 10.0	Stable	1.0 - 10.0	Up
Lauderdale	1.0 - 10.0	Up	1.0 - 10.0	Up	Up	a/	Down	---	---
Lawrence	1.0 - 10.0	Up	1.0 - 10.0	Stable	Stable	1.0 - 10.0	Stable	---	---
Lee	a/	Stable	1.0 - 10.0	Down	Down	1.0 - 10.0	Stable	1.0 - 10.0	Up

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Continued --

Table 17.--Alabama hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Clover, timothy and grass hays ^{1/}		Lespedeza		Small grains hay ^{2/}		Perennial cultivated grasses ^{3/}			
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend		
	1,000 tons		1,000 tons		1,000 tons		1,000 tons			
Limestone	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	
Lowndes	a/		Stable	---		Up	---		---	
Macon	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	
Madison	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	
Marengo	1.0	- 10.0	Up	---		1.0	- 10.0	Stable	10.1	- 25.0
Marion	a/		Stable	1.0	- 10.0	Up	a/		Up	
Marshall	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	
Mobile	1.0	- 10.0	Stable	a/		Stable	a/		Up	
Monroe	a/		Up	a/		Up	1.0	- 10.0	Up	
Montgomery	1.0	- 10.0	Up	a/		Down	1.0	- 10.0	---	
Morgan	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable	
Perry	a/		Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable	
Pickens	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down	
Pike	10.1	- 25.0	---	---		Up	1.0	- 10.0	Up	
Randolph	a/		Down	a/		Stable	a/		25.1	- 50.0
Russell	a/		Stable	a/		Stable	---		Up	
Saint Clair	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	
Shelby	1.0	- 10.0	Stable	---		Up	1.0	- 10.0	Up	
Sumter	1.0	- 10.0	Stable	a/		Down	1.0	- 10.0	Stable	
Talladega	1.0	- 10.0	Down	1.0	- 10.0	Down	1.0	- 10.0	Up	
Tallapoosa	a/		---	---		Up	1.0	- 10.0	Up	
Tuscaloosa	1.0	- 10.0	Down	a/		Stable	1.0	- 10.0	Stable	
Walker	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	a/	
Washington	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Up	
Wilcox	a/		Stable	---		Stable	a/		1.0	- 10.0
Winston	a/		Up	1.0	- 10.0	Down	a/		Stable	
				1.0	- 10.0	Stable	1.0	- 10.0	Up	

1/ Includes alfalfa, clover, and timothy alone or in mixtures, and small quantities of peanut, soybean, and kudzu hay.
 2/ Includes sorghum and millet.
 3/ Includes bermudagrass, bahiagrass, and johnsongrass.
 a/ Less than 1,000 tons.

Table 18.—Mississippi hay: Normal production and expected trends, by principal kinds of hay

County	Clover, timothy and grass hays			Lespedeza			Small grains hay		
	Normal	Expected	trend	Normal	Expected	trend	Normal	Expected	trend
	1,000 tons			1,000 tons			1,000 tons		
Adams	1.0	- 10.0	Up	a/		Up	a/		Up
Amite	---		---	---		---	1.0	- 10.0	Stable
Attala	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Up
Benton	a/		Stable	1.0	- 10.0	Up	a/		Stable
Calhoun	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Up
Chickasaw	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Choctaw	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Stable
Coahoma	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Stable
Copiah	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
De Soto	a/		---	10.1	- 25.0	Stable	a/		Stable
Forrest	a/		---	1.0	- 10.0	---	1.0	- 10.0	---
Franklin	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Up
George	a/		Up	---		---	a/		Up
Greene	a/		Up	---		---	a/		Up
Grenada	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Harrison	1.0	- 10.0	Stable	a/		Stable	a/		Down
Hinds	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Up
Holmes	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down
Humphreys	a/		---	a/		Up	a/		---
Issaquena	a/		Stable	a/		Stable	a/		Stable
Jasper	a/		Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Jefferson	1.0	- 10.0	Up	a/		Stable	a/		Stable
Jefferson Davis	a/		Down	a/		Down	1.0	- 10.0	Down
Kemper	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Lafayette	a/		Up	1.0	- 10.0	Up	a/		Stable
Lamar	1.0	- 10.0	Up	a/		Stable	a/		Up
Lauderdale	1.0	- 10.0	Up	a/		Down	---		---
Lawrence	a/		Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Leake	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Up
Lee	1.0	- 10.0	Stable	1.0	- 10.0	Up	a/		Down
Leflore	1.0	- 10.0	Stable	1.0	- 10.0	Down	a/		Down
Lincoln	1.0	- 10.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Up

Continued --

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Table 18.—Mississippi hay: Normal production and expected trends, by principal kinds of hay—Continued

County	Clover, timothy and grass hays			Lespedeza			Small grains hay		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons		
Madison	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Marion	1.0	- 10.0	Up	a/		Stable	1.0	- 10.0	Up
Montgomery	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Stable
Neshoba	a/		Up	1.0	- 10.0	Stable	1.0	- 10.0	---
Noxubee	25.1	- 50.0	Up	1.0	- 10.0	Down	a/		Down
Oktibbeha	25.1	- 50.0	Up	1.0	- 10.0	Up	a/		Down
Pearl River	1.0	- 10.0	---	a/		Down	1.0	- 10.0	Up
Pike	1.0	- 10.0	Up	a/		Stable	1.0	- 10.0	Up
Pontotoc	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Up
Prentiss	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Up
Quitman	a/		Up	1.0	- 10.0	Stable	---		Stable
Scott	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Sharkey	a/		Stable	a/		Stable	a/		Stable
Simpson	1.0	- 10.0	Up	a/		Up	1.0	- 10.0	Up
Smith	a/		Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Stone	1.0	- 10.0	Up	---		---	a/		---
Sunflower	1.0	- 10.0	---	---		---	---		---
Tallahatchie	a/		Up	1.0	- 10.0	Down	a/		Stable
Tate	a/		Stable	1.0	- 10.0	Stable	a/		Down
Tippah	1.0	- 10.0	Up	1.0	- 10.0	Up	a/		Up
Tishomingo	a/		Up	1.0	- 10.0	Up	a/		Up
Tunica	a/		Stable	1.0	- 10.0	Down	a/		Stable
Union	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/		Down
Walthall	1.0	- 10.0	Up	---		Stable	1.0	- 10.0	Up
Washington	1.0	- 10.0	Up	1.0	- 10.0	---	1.0	- 10.0	---
Wilkinson	1.0	- 10.0	Up	a/		Stable	a/		Down
Yalobusha	a/		Stable	1.0	- 10.0	Up	a/		Up

1/ Includes clover and timothy alone or in mixtures, bermudagrass, johnsongrass, and small quantities of alfalfa and soybean hay.

a/ Less than 1,000 tons.

Table 19.—Texas hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures ¹		Clover, timothy and grass hays ²		Summer annual grasses ³		Small grains hay		Wild hay and native grasses	
	Normal	Expected	Normal	Expected	Normal	Expected	Normal	Expected	Normal	Expected
	trend		trend		trend		trend		trend	
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Anderson	10.1 - 25.0	Down	50.1 - 100.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down	a/	Up
Angelina	a/	Stable	1.0 - 10.0	Up	a/	Up	a/	Down	a/	Down
Aransas	---	---	---	---	---	---	---	---	a/	Stable
Archer	a/	---	a/	---	1.0 - 10.0	Up	a/	---	---	---
Armstrong	a/	Stable	---	---	1.0 - 10.0	Stable	a/	Stable	a/	---
Atascosa	---	---	a/	Up	---	---	a/	---	a/	Stable
Austin	a/	Up	25.1 - 50.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Bailey	10.1 - 25.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	---	---	---
Bandera	a/	---	a/	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	---	---
Bastrop	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	---
Baylor	a/	Down	---	---	---	---	a/	---	a/	Stable
Bee	---	---	a/	Up	---	---	a/	---	---	---
Bell	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	Stable
Bexar	1.0 - 10.0	Stable	1.0 - 10.0	Up	a/	Down	1.0 - 10.0	Stable	---	---
Blanco	a/	Down	a/	Down	1.0 - 10.0	Down	a/	Down	a/	---
Bosque	1.0 - 10.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---
Bowie	1.0 - 10.0	Up	25.1 - 50.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Brazoria	---	---	10.1 - 25.0	Up	1.0 - 10.0	Up	25.1 - 50.0	---	---	---
Brazos	1.0 - 10.0	Down	a/	Up	---	---	1.0 - 10.0	Down	a/	---
Briscoe	1.0 - 10.0	Stable	10.1 - 25.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---
Brooks	---	---	25.1 - 50.0	Up	---	---	1.0 - 10.0	Stable	---	---
Brown	1.0 - 10.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	---
Burleson	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Burnet	a/	---	a/	Up	1.0 - 10.0	Stable	a/	---	---	---
Caldwell	a/	Stable	10.1 - 25.0	Stable	10.1 - 25.0	Stable	a/	Stable	1.0 - 10.0	Stable
Calhoun	---	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---	1.0 - 10.0	Up
Callahan	a/	Down	a/	Stable	---	---	a/	---	a/	---
Cameron	1.0 - 10.0	Stable	1.0 - 10.0	Up	a/	Stable	a/	---	a/	---
Camp	---	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Down
Carson	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up	---	---	a/	---
Cass	---	---	10.1 - 25.0	Up	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Castro	1.0 - 10.0	Down	a/	Down	---	---	a/	---	---	---
Cherokee	---	---	1.0 - 10.0	Up	---	---	---	---	---	---
Childress	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Clay	1.0 - 10.0	Stable	---	---	---	---	1.0 - 10.0	Stable	a/	Stable
Cochran	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	---	---
Coke	---	---	---	---	a/	Stable	a/	Stable	---	---
Coleman	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	---	a/	---
Collin	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---	10.1 - 25.0	Stable	1.0 - 10.0	Stable
Collingsworth	4.8 - 10.0	Stable	a/	---	a/	---	a/	---	a/	Up
Colorado	1.0 - 10.0	Stable	a/	Stable	---	---	a/	---	1.0 - 10.0	Stable
Comal	a/	---	1.0 - 10.0	Up	a/	Stable	a/	Stable	---	---

Continued --

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Table 19.—Texas hay: Normal production and expected trends, by principal kinds of hay—Continued

County	Alfalfa, alfalfa and grass mixtures ^{1/}		Clover, timothy and grass hays ^{2/}		Summer annual grasses ^{3/}		Small grains hay		Wild hay and native grasses	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Comanche	10.1 - 25.0	Stable	25.1 - 50.0	Down	10.1 - 25.0	Stable	1.0 - 10.0	Stable	a/	---
Concho	---	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---	---	---
Cooke	1.0 - 10.0	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Coryell	a/	Stable	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Cottle	1.0 - 10.0	Up	a/	Stable	a/	Up	a/	Stable	---	---
Crosby	1.0 - 10.0	Down	---	---	---	Stable	---	---	---	---
Culberson	a/	Up	---	---	---	---	---	---	---	---
Dallam	10.1 - 25.0	Stable	---	---	10.1 - 25.0	Up	a/	---	---	---
Dallas	1.0 - 10.0	Up	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Dawson	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Up	---	---	---	---
Deaf Smith	10.1 - 25.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Stable	a/	---	---	---
Delta	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---	a/	---	1.0 - 10.0	Stable
Denton	10.1 - 25.0	Stable	10.1 - 25.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
De Witt	a/	Stable	a/	Stable	---	---	a/	---	a/	Stable
Dickens	1.0 - 10.0	Up	1.0 - 10.0	Up	---	---	---	---	---	---
Dimmit	---	---	1.0 - 10.0	---	---	---	---	---	---	---
Donley	10.1 - 25.0	Stable	---	---	---	---	a/	---	a/	Stable
Duval	---	---	---	---	---	---	---	---	a/	Stable
Eastland	1.0 - 10.0	Up	1.0 - 10.0	Stable	---	---	a/	Up	1.0 - 10.0	Down
Ector	a/	Stable	---	---	---	---	a/	---	---	---
Ellis	1.0 - 10.0	Stable	10.1 - 25.0	Up	1.0 - 10.0	Up	10.1 - 25.0	Stable	1.0 - 10.0	Down
El Paso	1.0 - 10.0	Up	---	---	1.0 - 10.0	Stable	a/	---	---	---
Erath	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	Down	a/	---
Falls	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up
Fannin	10.1 - 25.0	Up	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Stable	---	---
Fayette	1.0 - 10.0	Stable	25.1 - 50.0	Up	10.1 - 25.0	Up	a/	Stable	10.1 - 25.0	Down
Fisher	a/	---	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	---	---
Floyd	1.0 - 10.0	Stable	a/	---	---	---	a/	---	---	---
Foard	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	---	1.0 - 10.0	Stable	---	---
Fort Bend	1.0 - 10.0	Stable	a/	---	---	---	a/	---	1.0 - 10.0	Down
Franklin	---	---	1.0 - 10.0	Up	---	---	---	Down	a/	Down
Freestone	a/	---	10.1 - 25.0	Stable	a/	Up	1.0 - 10.0	Stable	---	---
Frio	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---	a/	---
Gaines	1.0 - 10.0	Up	---	---	10.1 - 25.0	Up	---	---	---	---
Galveston	---	---	a/	Up	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Garza	a/	Stable	a/	Up	---	---	a/	Stable	---	---
Gillespie	a/	Down	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up	a/	---
Glasscock	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Up	---	---	---	---
Goliad	---	---	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	---	a/	Up
Gonzales	1.0 - 10.0	Stable	a/	Up	a/	Stable	a/	---	a/	---
Gray	1.0 - 10.0	Up	---	---	10.1 - 25.0	Stable	---	---	---	---
Gregg	a/	---	10.1 - 25.0	Down	---	---	a/	---	1.0 - 10.0	Down

Continued --

Table 19.--Texas hay: Normal production and expected trends, by principl kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures ^{1/}		Clover, timothy and grass hays ^{2/}		Summer annual grasses ^{3/}		Small grains hay		Wild hay and native grasses	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Grimes	a/	---	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Down
Guadalupe	a/	---	1.0 - 10.0	Stable	---	---	a/	---	a/	---
Hale	10.1 - 25.0	Stable	---	---	a/	Stable	a/	---	a/	---
Hall	1.0 - 10.0	Stable	---	---	a/	Stable	a/	---	---	---
Hamilton	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---
Hansford	1.0 - 10.0	Up	1.0 - 10.0	Up	---	---	a/	---	a/	---
Hardeman	1.0 - 10.0	Up	---	---	---	---	a/	---	a/	---
Hardin	---	---	a/	Up	---	---	a/	---	a/	---
Harris	1.0 - 10.0	Stable	25.1 - 50.0	Stable	25.1 - 50.0	Stable	---	---	25.1 - 50.0	Down
Harrison	a/	---	10.1 - 25.0	Up	---	---	---	---	---	---
Hartley	a/	Stable	---	---	---	---	a/	---	a/	---
Haskell	a/	---	10.1 - 25.0	Stable	25.1 - 50.0	Stable	a/	---	---	---
Hays	1.0 - 10.0	Stable	10.1 - 25.0	Up	1.0 - 10.0	Up	a/	Stable	a/	---
Hemphill	---	---	1.0 - 10.0	Stable	---	---	a/	Stable	1.0 - 10.0	Stable
Henderson	1.0 - 10.0	Down	10.1 - 25.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down	a/	Stable
Hidalgo	1.0 - 10.0	Stable	25.1 - 50.0	Up	---	---	a/	---	25.1 - 50.0	Up
Hill	10.1 - 25.0	Stable	25.1 - 50.0	Up	25.1 - 50.0	Up	25.1 - 50.0	Stable	1.0 - 10.0	Stable
Hockley	1.0 - 10.0	Up	---	---	---	---	---	---	---	---
Hood	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	---
Hopkins	a/	Up	25.1 - 50.0	Up	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Houston	a/	Down	10.1 - 25.0	Up	1.0 - 10.0	Up	a/	---	1.0 - 10.0	Up
Howard	a/	Stable	---	---	---	---	---	---	a/	---
Hudspeth	10.1 - 25.0	Stable	10.1 - 25.0	Up	---	---	1.0 - 10.0	Up	---	---
Hunt	1.0 - 10.0	Stable	25.1 - 50.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Hutchinson	a/	Stable	---	---	---	---	---	---	10.1 - 25.0	Down
Irion	a/	Stable	---	---	---	---	a/	---	---	---
Jack	a/	Up	10.1 - 25.0	Up	1.0 - 10.0	Up	a/	---	---	---
Jackson	---	---	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	---	1.0 - 10.0	Up
Jasper	---	---	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Down
Jefferson	a/	---	a/	Stable	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Jim Hogg	---	---	a/	Up	---	---	---	---	a/	Up
Jim Wells	---	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---	1.0 - 10.0	Up
Johnson	1.0 - 10.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Jones	a/	---	10.1 - 25.0	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Stable	a/	---
Karnes	a/	Stable	10.1 - 25.0	Up	1.0 - 10.0	Up	a/	Stable	a/	Down
Kaufman	1.0 - 10.0	Up	10.1 - 25.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Up	a/	Down
Kendall	a/	---	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---
Kenedy	---	---	---	---	---	---	a/	---	a/	Stable
Kent	1.0 - 10.0	Stable	---	---	---	---	---	---	---	---
Kerr	a/	Down	a/	Down	a/	Stable	a/	Down	a/	---
Kimble	a/	Stable	---	---	---	---	a/	---	---	---
King	1.0 - 10.0	Up	a/	Stable	a/	Up	a/	Stable	---	---

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Continued --

Table 19.—Texas hay: Normal production and expected trends, by principal kinds of hay—Continued

County	Alfalfa, alfalfa and grass mixtures 1/		Clover, timothy and grass hays 2/		Summer annual grasses 3/		Small grains hay		Wild hay and native grasses	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Kinney	a/	Stable	1.0 - 10.0	Up	a/	Down	a/	---	1.0 - 10.0	Stable
Kleberg	---	---	1.0 - 10.0	Up	1.0 - 10.0	Up	---	---	---	---
Knox	a/	---	1.0 - 10.0	Up	a/	Stable	a/	---	---	---
Lamar	1.0 - 10.0	Down	50.1 - 100.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Down	10.1 - 25.0	Down
Lamb	25.1 - 50.0	Stable	---	---	---	---	---	---	---	---
Lampasas	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up	a/	Stable	---	---
La Salle	a/	Down	1.0 - 10.0	Stable	a/	Up	a/	---	---	---
Lavaca	1.0 - 10.0	Down	25.1 - 50.0	Stable	---	---	a/	---	1.0 - 10.0	---
Lee	a/	Down	a/	Down	---	---	a/	Stable	a/	Down
Leon	a/	Down	1.0 - 10.0	Stable	---	---	a/	---	1.0 - 10.0	Stable
Liberty	---	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable
Limestone	a/	Down	1.0 - 10.0	Down	1.0 - 10.0	Up	1.0 - 10.0	Down	a/	Stable
Lipscomb	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Stable	a/	---	10.1 - 25.0	Stable
Live Oak	---	---	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	---	a/	---
Llano	a/	Down	---	---	a/	Up	a/	---	---	---
Lubbock	1.0 - 10.0	---	a/	---	---	---	a/	---	---	---
McCulloch	a/	Down	1.0 - 10.0	Down	1.0 - 10.0	Down	a/	---	---	---
McLennan	1.0 - 10.0	Up	10.1 - 25.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
McMullen	a/	Stable	---	---	a/	---	a/	---	---	---
Madison	a/	---	25.1 - 50.0	Up	1.0 - 10.0	Up	a/	Up	a/	Up
Marion	---	---	1.0 - 10.0	Stable	a/	Stable	a/	Stable	a/	---
Martin	10.1 - 25.0	Up	---	---	---	---	---	---	---	---
Mason	1.0 - 10.0	Down	1.0 - 10.0	Down	1.0 - 10.0	---	1.0 - 10.0	Down	---	---
Matagorda	1.0 - 10.0	Stable	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Stable	---	---
Maverick	1.0 - 10.0	Stable	---	---	---	---	---	---	a/	Stable
Medina	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	---	a/	---
Menard	a/	Down	a/	Stable	---	---	---	---	---	---
Midland	a/	Up	a/	Up	---	---	---	---	---	---
Milam	a/	Stable	10.1 - 25.0	Stable	---	---	---	---	---	---
Mills	a/	Stable	---	---	1.0 - 10.0	---	1.0 - 10.0	Stable	---	---
Mitchell	a/	Stable	---	---	---	---	---	---	---	---
Montague	10.1 - 25.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable
Montgomery	a/	Down	1.0 - 10.0	Up	---	---	a/	Up	---	---
Moore	1.0 - 10.0	Up	a/	Up	10.1 - 25.0	Stable	a/	Stable	a/	---
Morris	a/	Down	10.1 - 25.0	Stable	---	---	a/	---	1.0 - 10.0	Stable
Motley	a/	Stable	a/	Up	a/	Up	---	---	---	---
Nacogdoches	---	---	25.1 - 50.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Navarro	1.0 - 10.0	Up	25.1 - 50.0	Stable	---	---	1.0 - 10.0	Up	10.1 - 25.0	Stable
Newton	---	---	1.0 - 10.0	Stable	---	---	a/	---	a/	---
Nolan	---	---	1.0 - 10.0	Up	---	---	---	---	---	---
Nueces	a/	---	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	---	a/	Up
Ochiltree	a/	Up	---	---	10.1 - 25.0	Stable	a/	---	a/	---

Continued --

Table 19.—Texas hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures ^{1/}		Clover, timothy and grass hays ^{2/}		Summer annual grasses ^{3/}		Small grains hay		Wild hay and native grasses	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Oldham	a/	---	a/	Up	10.1 - 25.0	Up	---	---	---	---
Orange	---	---	a/	Stable	---	---	---	---	1.0 - 10.0	Stable
Palo Pinto	1.0 - 10.0	Stable	10.1 - 25.0	Down	1.0 - 10.0	Down	---	---	---	---
Panola	---	---	10.1 - 25.0	Up	---	---	a/	---	---	---
Parker	10.1 - 25.0	Stable	25.1 - 50.0	Up	25.1 - 50.0	Up	1.0 - 10.0	Stable	a/	---
Pecos	1.0 - 10.0	Stable	---	---	---	---	a/	---	---	---
Polk	---	---	a/	Stable	---	---	a/	---	a/	---
Potter	a/	---	---	---	10.1 - 25.0	Up	a/	---	a/	---
Presidio	10.1 - 25.0	Stable	---	---	---	---	---	---	---	---
Rains	---	---	1.0 - 10.0	Stable	a/	Up	a/	---	a/	Stable
Randall	1.0 - 10.0	Down	---	---	10.1 - 25.0	Up	a/	---	a/	---
Reagan	---	---	---	---	a/	Up	---	---	---	---
Real	---	---	---	---	---	---	a/	---	a/	Stable
Red River	1.0 - 10.0	---	25.1 - 50.0	---	1.0 - 10.0	---	a/	---	1.0 - 10.0	---
Reeves	10.1 - 25.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Stable	a/	---	---	---
Refugio	---	---	10.1 - 25.0	Up	1.0 - 10.0	Up	---	---	25.1 - 50.0	Up
Roberts	1.0 - 10.0	Up	---	---	---	---	---	---	1.0 - 10.0	Stable
Robertson	1.0 - 10.0	Stable	a/	Stable	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Down
Rockwall	a/	Stable	50.1 - 100.0	Stable	---	---	---	---	1.0 - 10.0	Stable
Runnels	a/	Stable	1.0 - 10.0	Down	10.1 - 25.0	Down	a/	---	a/	---
Rusk	---	Down	10.1 - 25.0	Up	a/	Up	a/	Stable	1.0 - 10.0	Stable
Sabine	---	---	1.0 - 10.0	Up	---	---	a/	Down	a/	Up
San Augustine ..	---	---	a/	Stable	---	---	a/	---	a/	---
San Jacinto ...	---	---	1.0 - 10.0	Down	a/	Up	a/	---	a/	Down
San Patricio ...	---	---	---	---	---	---	---	---	a/	Stable
San Saba	1.0 - 10.0	Down	1.0 - 10.0	Stable	a/	Up	a/	Stable	a/	---
Schleicher	a/	---	a/	Up	10.1 - 25.0	Stable	---	---	a/	---
Scurry	a/	Stable	---	---	---	---	a/	---	a/	---
Shackelford ...	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable	a/	Stable
Shelby	---	---	10.1 - 25.0	Stable	---	---	a/	---	---	---
Smith	1.0 - 10.0	Down	1.0 - 10.0	Up	---	---	1.0 - 10.0	Down	1.0 - 10.0	Down
Somervell	1.0 - 10.0	---	a/	---	a/	---	a/	---	a/	---
Starr	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Down
Stephens	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down	a/	---	a/	---
Sterling	a/	Stable	a/	Up	---	---	---	---	---	---
Stonewall	---	---	50.1 - 100.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up	10.1 - 25.0	Up
Sutton	a/	Down	---	---	a/	Up	a/	---	---	---
Swisher	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Stable	a/	---	---	---
Tarrant	1.0 - 10.0	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	Stable
Terrell	a/	Stable	---	---	---	---	---	---	---	---
Terry	1.0 - 10.0	Down	---	---	---	---	---	---	---	---
Throckmorton ...	a/	---	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	---

Continued --

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Table 19.--Texas hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures ^{1/}		Clover, timothy and grass hays ^{2/}		Summer annual grasses ^{3/}		Small grains hay		Wild hay and native grasses	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Titus	1.0 - 10.0	Down	1.0 - 10.0	Up	---	---	a/	---	a/	Up
Travis	a/	Stable	a/	Down	---	---	1.0 - 10.0	Stable	a/	Stable
Trinity	a/	Down	1.0 - 10.0	Stable	a/	Stable	a/	Stable	a/	Down
Tyler	---	---	1.0 - 10.0	Up	---	---	a/	---	a/	Stable
Upshur	a/	Stable	10.1 - 25.0	Stable	a/	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Uvalde	a/	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable	a/	---
Val Verde	a/	Stable	a/	Stable	a/	Stable	a/	---	---	---
Van Zandt	a/	Down	1.0 - 10.0	Stable	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Victoria	a/	---	10.1 - 25.0	Up	1.0 - 10.0	Up	---	---	1.0 - 10.0	Up
Walker	---	---	1.0 - 10.0	Up	1.0 - 10.0	Down	a/	Down	a/	Down
Waller	1.0 - 10.0	Stable	25.1 - 50.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Stable
Ward	a/	Stable	a/	Up	---	---	---	---	---	---
Washington	1.0 - 10.0	Stable	a/	Down	---	---	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Webb	a/	---	10.1 - 25.0	Up	---	---	---	---	---	---
Wharton	10.1 - 25.0	Up	25.1 - 50.0	Up	1.0 - 10.0	Up	a/	---	1.0 - 10.0	Stable
Wheeler	10.1 - 25.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Wichita	a/	Stable	1.0 - 10.0	Stable	a/	Stable	a/	Stable	a/	---
Wilbarger	10.1 - 25.0	Stable	a/	Up	a/	Stable	a/	---	a/	---
Willacy	---	---	1.0 - 10.0	Up	1.0 - 10.0	Down	---	---	---	---
Williamson	a/	Down	50.1 - 100.0	Stable	a/	Down	1.0 - 10.0	Up	a/	---
Wilson	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up	a/	---	a/	---
Winkler	---	---	1.0 - 10.0	Up	---	---	a/	Stable	---	---
Wise	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Wood	a/	Stable	1.0 - 10.0	Up	---	---	a/	Stable	a/	Stable
Yoakum	1.0 - 10.0	Stable	---	---	---	---	---	---	---	---
Young	a/	Stable	10.1 - 25.0	Stable	25.1 - 50.0	Up	1.0 - 10.0	Stable	---	---
Zapata	---	---	a/	Up	---	---	---	---	---	---
Zavala	a/	Stable	10.1 - 25.0	Up	1.0 - 10.0	Stable	a/	---	---	---

1/ Includes peanut hay.
 2/ Includes perennial grasses, bermudagrass, bahiagrass, and johnsongrass.
 3/ Composed of sudan and millet.
 a/ Less than 1,000 tons.

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Table 20.--Oklahoma 1981 Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, lespedeza and grasses 1/		Small grains hay		Wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Adair	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Stable
Alfalfa	25.1 - 50.0	Up	a/	Up	1.0 - 10.0	Stable	a/	Stable
Atoka	1.0 - 10.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Up	10.1 - 25.0	Down
Beaver	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	---	1.0 - 10.0	Up
Beckham	10.1 - 25.0	Up	1.0 - 10.0	Up	---	---	a/	Stable
Blaine	10.1 - 25.0	Up	---	---	10.1 - 25.0	Up	---	---
Bryan	10.1 - 25.0	Up	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	---
Caddo	10.1 - 25.0	Up	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Canadian	10.1 - 25.0	Stable	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Carter	1.0 - 10.0	Stable	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Stable
Cherokee	a/	Stable	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Down
Choctaw	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Down
Cimarron	1.0 - 10.0	Up	---	---	---	---	---	---
Cleveland	10.1 - 25.0	Up	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Coal	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Down
Comanche	10.1 - 25.0	Up	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Cotton	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Up	---	---
Craig	1.0 - 10.0	Down	a/	Stable	1.0 - 10.0	Down	25.1 - 50.0	Down
Creek	1.0 - 10.0	Down	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Custer	10.1 - 25.0	Up	---	---	1.0 - 10.0	Up	---	---
Delaware	1.0 - 10.0	Stable	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Stable
Dewey	1.0 - 10.0	Up	---	---	1.0 - 10.0	Stable	---	---
Ellis	1.0 - 10.0	Up	---	---	---	---	1.0 - 10.0	Stable
Garfield	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable	a/	Stable
Garvin	25.1 - 50.0	Up	---	---	---	Stable	---	Stable
Grady	50.1 - 100.0	Up	---	---	---	---	---	---
Grant	25.1 - 50.0	Stable	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Greer	1.0 - 10.0	Up	---	---	1.0 - 10.0	Up	---	---
Harmon	1.0 - 10.0	Up	1.0 - 10.0	Up	---	---	---	---
Harper	1.0 - 10.0	Up	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Stable
Haskell	1.0 - 10.0	Down	25.1 - 50.0	Up	a/	Down	10.1 - 25.0	Stable
Hughes	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Jackson	10.1 - 25.0	Up	1.0 - 10.0	Stable	---	---	---	---
Jefferson	1.0 - 10.0	Down	---	Down	---	---	1.0 - 10.0	Down
Johnston	10.1 - 25.0	Up	a/	Up	1.0 - 10.0	Down	1.0 - 10.0	Stable
Kay	25.1 - 50.0	Up	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Down
Kingfisher	10.1 - 25.0	Stable	---	---	---	---	---	---
Kiowa	10.1 - 25.0	Up	---	---	1.0 - 10.0	Stable	---	---
Latimer	---	---	1.0 - 10.0	---	---	Down	1.0 - 10.0	Up
Le Flore	10.1 - 25.0	Up	1.0 - 10.0	---	a/	Down	1.0 - 10.0	Down
Logan	10.1 - 25.0	Stable	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Lincoln	10.1 - 25.0	Stable	a/	Up	1.0 - 10.0	Stable	10.1 - 25.0	Stable

Continued--

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Table 20.--Oklahoma hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Clover, lespedeza and grasses ^{1/}		Small grains hay		Wild hay		
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		
Love	1.0	- 10.0	Stable	---	---	Up	---	---	
McCurtain	10.1	- 25.0	Up	1.0	- 10.0	Up	a/	Down	
McIntosh	1.0	- 10.0	Down	a/	---	1.0	- 10.0	Down	
Marshall	1.0	- 10.0	Stable	1.0	- 10.0	Up	---	1.0	- 10.0
Murray	1.0	- 10.0	Up	a/	---	1.0	- 10.0	Up	
Muskogee	1.0	- 10.0	Stable	a/	---	1.0	- 10.0	Down	
Noble	10.1	- 25.0	Up	a/	---	1.0	- 10.0	Up	
Nowata	1.0	- 10.0	Up	a/	---	1.0	- 10.0	Stable	
Okfuskee	1.0	- 10.0	Up	1.0	- 10.0	Up	a/	Down	
Oklahoma	10.1	- 25.0	Stable	a/	---	1.0	- 10.0	Stable	
Okmulgee	1.0	- 10.0	Up	1.0	- 10.0	Up	---	10.1	- 25.0
Osage	25.1	- 50.0	Up	10.1	- 25.0	Up	---	10.1	- 25.0
Ottawa	a/	---	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down
Pawnee	10.1	- 25.0	Up	a/	---	---	---	10.1	- 25.0
Payne	10.1	- 25.0	Up	---	---	a/	---	1.0	- 10.0
Pittsburg	1.0	- 10.0	Stable	1.0	- 10.0	Up	a/	Stable	
Pontotoc	1.0	- 10.0	Up	1.0	- 10.0	---	1.0	- 10.0	Up
Pottawatomie	25.1	- 50.0	Stable	---	---	1.0	- 10.0	---	
Pushmataha	a/	---	Stable	1.0	- 10.0	Up	---	10.1	- 25.0
Roger Mills	1.0	- 10.0	Up	---	---	---	---	1.0	- 10.0
Rogers	1.0	- 10.0	Up	1.0	- 10.0	Stable	---	10.1	- 25.0
Seminole	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	---
Sequoyah	1.0	- 10.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Stable
Stephens	10.1	- 25.0	Up	---	---	1.0	- 10.0	---	
Tillman	10.1	- 25.0	Up	---	---	---	---	1.0	- 10.0
Tulsa	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Wagoner	10.1	- 25.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down
Washington	1.0	- 10.0	Up	a/	---	Down	---	10.1	- 25.0
Washita	10.1	- 25.0	Up	a/	---	Stable	1.0	- 10.0	Stable
Woods	1.0	- 10.0	Up	a/	---	Stable	---	---	
Woodward	1.0	- 10.0	Up	a/	---	Stable	---	1.0	- 10.0

^{1/} Grasses are predominantly bermudagrass in eastern counties, and johnsongrass and sudan in western counties.
^{a/} Less than 1,000 tons.

Table 21.--Arkansas hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hay		Lespedeza		Small grains and wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Arkansas	---	---	---	---	10.1 - 25.0	Stable	---	---
Baxter	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable
Benton	1.0 - 10.0	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Boone	1.0 - 10.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Bradley	---	---	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Calhoun	---	---	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Carroll	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Chicot	1.0 - 10.0	Stable	a/	Up	1.0 - 10.0	Down	a/	Down
Clark	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	Stable
Clay	a/	Stable	a/	Stable	1.0 - 10.0	Stable	a/	Down
Cleburne	a/	Stable	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Cleveland	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---
Columbia	a/	Down	1.0 - 10.0	Down	1.0 - 10.0	Down	a/	Down
Conway	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Craighead	---	---	a/	Stable	1.0 - 10.0	Stable	---	---
Crawford	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Cross	a/	Down	---	---	1.0 - 10.0	Down	---	---
Dallas	---	---	a/	---	1.0 - 10.0	Stable	---	---
Desha	a/	Stable	---	---	1.0 - 10.0	Stable	---	---
Drew	---	---	a/	Down	1.0 - 10.0	Up	a/	Stable
Faulkner	a/	Up	a/	Stable	10.1 - 25.0	Up	1.0 - 10.0	Stable
Franklin	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up	10.1 - 25.0	Stable
Fulton	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Down	1.0 - 10.0	Up
Garland	---	---	a/	Up	---	---	1.0 - 10.0	Stable
Grant	---	---	---	---	1.0 - 10.0	Up	1.0 - 10.0	Up
Greene	a/	Up	a/	Stable	1.0 - 10.0	Stable	---	---
Hempstead	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Hot Spring	---	---	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---
Howard	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable
Independence	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Izard	a/	Up	a/	Stable	1.0 - 10.0	Up	a/	Down
Jackson	a/	Down	---	---	1.0 - 10.0	Down	---	---
Jefferson	a/	Down	a/	Down	1.0 - 10.0	Down	10.1 - 25.0	Down
Johnson	---	Down	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable
Lawrence	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Down
Lee	a/	Down	---	---	1.0 - 10.0	Down	---	---
Lincoln	a/	---	a/	Up	1.0 - 10.0	Stable	---	---
Little River	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Stable	---	---
Logan	1.0 - 10.0	Up	1.0 - 10.0	Up	10.1 - 25.0	Up	10.1 - 25.0	Stable
Lonoke	1.0 - 10.0	Up	---	---	10.1 - 25.0	Down	10.1 - 25.0	Stable
Madison	1.0 - 10.0	Up	10.1 - 25.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Stable

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Table 21.--Arkansas hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hay		Lespedeza		Small grains and wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Marion	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Miller	1.0 - 10.0	Up	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Mississippi	10.1 - 25.0	Stable	---	---	---	---	---	---
Monroe	---	---	---	---	1.0 - 10.0	Down	---	---
Montgomery	a/	Stable	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Nevada	---	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up
Newton	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Perry	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Phillips	1.0 - 10.0	Stable	---	---	---	---	---	---
Pike	---	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Down
Poinsett	a/	Stable	---	Stable	1.0 - 10.0	Stable	---	---
Polk	a/	Down	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Pope	a/	---	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Prairie	a/	---	---	Down	1.0 - 10.0	Down	1.0 - 10.0	Stable
Pulaski	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Randolph	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
St. Francis	a/	Stable	a/	Stable	1.0 - 10.0	Stable	---	---
Saline	a/	Up	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Scott	---	---	a/	Up	a/	Stable	1.0 - 10.0	Down
Searcy	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Sebastian	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Sevier	a/	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Sharp	a/	Stable	a/	Up	1.0 - 10.0	---	a/	Down
Stone	---	---	---	---	---	---	1.0 - 10.0	Stable
Union	a/	Down	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	Down
Van Buren	a/	Up	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Washington	1.0 - 10.0	Down	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up
White	a/	Stable	1.0 - 10.0	---	10.1 - 25.0	Stable	1.0 - 10.0	Stable
Woodruff	a/	---	---	---	1.0 - 10.0	Stable	a/	Stable
Yell	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up

a/ Less than 1,000 tons.

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Table 22.--Louisiana hay: Normal production and expected trends, by principal kinds of hay

County (Parish)	Alfalfa, clover and grass mixtures ^{1/}		Lespedeza		Small grains hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Allen	a/	Stable	1.0 - 10.0	Stable	a/	Stable
Ascension	1.0 - 10.0	Stable	a/	Stable	a/	Stable
Assumption	a/	Down	---	---	---	---
Avoyelles	10.1 - 25.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Beauregard	1.0 - 10.0	Up	1.0 - 10.0	Stable	a/	Stable
Bienville	a/	---	a/	---	---	---
Bossier	25.1 - 50.0	Up	a/	Stable	1.0 - 10.0	Up
Caddo	25.1 - 50.0	Stable	a/	---	a/	Stable
Calcasieu	---	Stable	---	Stable	---	Stable
Cameron	1.0 - 10.0	Stable	a/	Stable	---	---
Catahoula	1.0 - 10.0	Up	a/	Up	a/	Up
Claiborne	10.1 - 25.0	Up	a/	---	---	---
East Baton Rouge	1.0 - 10.0	Stable	1.0 - 10.0	Down	a/	Stable
East Carroll	1.0 - 10.0	Stable	a/	---	a/	---
East Feliciana	10.1 - 25.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Up
Evangeline	a/	Up	1.0 - 10.0	Up	a/	---
Franklin	10.1 - 25.0	Stable	a/	Stable	1.0 - 10.0	Stable
Grant	1.0 - 10.0	Stable	---	---	a/	Stable
Iberia	1.0 - 10.0	Up	a/	Up	a/	Stable
Iberville	1.0 - 10.0	Stable	---	---	---	---
Jackson	1.0 - 10.0	---	a/	---	a/	---
Jefferson	a/	---	---	---	a/	Down
Jefferson Davis	a/	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Stable
LaSalle	a/	Up	---	---	---	---
Lincoln	1.0 - 10.0	Up	a/	---	1.0 - 10.0	Stable
Livingston	1.0 - 10.0	Stable	a/	Stable	a/	---
Madison	25.1 - 50.0	---	1.0 - 10.0	---	1.0 - 10.0	---
Morehouse	25.1 - 50.0	Stable	1.0 - 10.0	---	1.0 - 10.0	---
Natchitoches	1.0 - 10.0	Up	---	---	a/	Up
Plaquemines	a/	Up	---	---	---	---
Pointe Coupee	10.1 - 25.0	Up	a/	---	a/	---
Rapides	1.0 - 10.0	Up	a/	Down	1.0 - 10.0	Up
Red River	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Up
Sabine	a/	Up	1.0 - 10.0	Up	a/	Up
St. Charles	1.0 - 10.0	Stable	---	---	a/	---
St. John the Baptist	a/	Stable	---	---	---	---
St. Landry	25.1 - 50.0	Stable	1.0 - 10.0	Stable	a/	Stable
St. Martin	1.0 - 10.0	Up	a/	Down	a/	Up
St. Mary	a/	Stable	---	---	---	---
St. Tammany	1.0 - 10.0	Stable	a/	Stable	a/	Stable
Tensas	1.0 - 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Up
Terrebonne	1.0 - 10.0	Stable	---	---	a/	Stable
Union	10.1 - 25.0	Stable	a/	Stable	a/	Down
Vermilion	a/	Up	1.0 - 10.0	Down	1.0 - 10.0	Up
Vernon	25.1 - 50.0	Up	1.0 - 10.0	Stable	10.1 - 25.0	Up
Washington	10.1 - 25.0	Stable	a/	---	10.1 - 25.0	Stable
Webster	1.0 - 10.0	Up	---	Stable	1.0 - 10.0	Stable
West Baton Rouge	1.0 - 10.0	Stable	---	---	a/	Down
West Carroll	a/	Down	1.0 - 10.0	Down	a/	Down

a/ Less than 1,000 tons.

^{1/} Includes alfalfa and clover alone and mixed with grass, also bermudagrass and johnsongrass.

Table 23.--Ohio hay: Normal production and expected trends,
by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Adams.....	10.1	- 25.0	Up	10.1	- 25.0	Up
Allen.....	10.1	- 25.0	Down	10.1	- 25.0	Down
Ashland.....	10.1	- 25.0	Stable	25.1	- 50.0	Down
Ashtabula.....	10.1	- 25.0	Up	50.1	- 100.0	Down
Athens.....	10.1	- 25.0	Down	10.1	- 25.0	Stable
Auglaize.....	25.1	- 50.0	Up	10.1	- 25.0	Stable
Belmont.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Brown.....	1.0	- 10.0	Up	25.1	- 50.0	Up
Butler.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Carroll.....	10.1	- 25.0	Up	10.1	- 25.0	Down
Champaign.....	10.1	- 25.0	Down	10.1	- 25.0	Down
Clark.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Clinton.....	1.0	- 10.0	Down	10.1	- 25.0	Down
Columbiana.....	10.1	- 25.0	Up	25.1	- 50.0	Down
Coshocton.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Crawford.....	10.1	- 25.0	Up	25.1	- 50.0	Down
Cuyahoga.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Darke.....	25.1	- 50.0	---	10.1	- 25.0	Down
Defiance.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Delaware.....	10.1	- 25.0	Stable	25.1	- 50.0	Stable
Erie.....	10.1	- 25.0	Stable	1.0	- 10.0	Down
Fairfield.....	10.1	- 25.0	Up	25.1	- 50.0	Up
Fayette.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Franklin.....	10.1	- 25.0	Down	10.1	- 25.0	---
Fulton.....	10.1	- 25.0	Down	1.0	- 10.0	Down
Gallia.....	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Geauga.....	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Greene.....	1.0	- 10.0	Down	25.1	- 50.0	Stable
Guernsey.....	10.1	- 25.0	Down	25.1	- 50.0	Up
Hamilton.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Hancock.....	25.1	- 50.0	Up	25.1	- 50.0	Stable
Hardin.....	10.1	- 25.0	Up	10.1	- 25.0	Down
Harrison.....	10.1	- 25.0	---	1.0	- 10.0	Up
Henry.....	25.1	- 50.0	Down	1.0	- 10.0	Stable
Highland.....	10.1	- 25.0	Up	25.1	- 50.0	Up
Hocking.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Holmes.....	10.1	- 25.0	Stable	25.1	- 50.0	Stable
Huron.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Jackson.....	1.0	- 10.0	Stable	10.1	- 25.0	Up
Jefferson.....	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Knox.....	10.1	- 25.0	Up	25.1	- 50.0	Stable
Lake.....	1.0	- 10.0	Down	1.0	- 10.0	Down
Lawrence.....	1.0	- 10.0	Up	1.0	- 10.0	Up
Licking.....	10.1	- 25.0	Stable	25.1	- 50.0	Stable
Logan.....	25.1	- 50.0	Up	10.1	- 25.0	Down
Lorain.....	10.1	- 25.0	Up	25.1	- 50.0	Down
Lucas.....	10.1	- 25.0	Down	1.0	- 10.0	Down
Madison.....	10.1	- 25.0	Down	25.1	- 50.0	Down

Continued --

Table 23.--Ohio hay: Normal production and expected trends,
by principal kinds of hay---Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Marion.....	10.1 - 25.0	Down		10.1 - 25.0	Down	
Medina.....	25.1 - 50.0	---		10.1 - 25.0	Down	
Meigs.....	1.0 - 10.0	Down		10.1 - 25.0	Stable	
Mercer.....	10.1 - 25.0	Down		25.1 - 50.0	Up	
Miami.....	10.1 - 25.0	Down		10.1 - 25.0	Down	
Monroe.....	1.0 - 10.0	Down		10.1 - 25.0	Up	
Morgan.....	10.1 - 25.0	---		10.1 - 25.0	---	
Morrow.....	10.1 - 25.0	Up		10.1 - 25.0	Down	
Muskingum.....	10.1 - 25.0	Up		25.1 - 50.0	Stable	
Ottawa.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Paulding.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Perry.....	1.0 - 10.0	Stable		10.1 - 25.0	Up	
Portage.....	10.1 - 25.0	Stable		10.1 - 25.0	Down	
Preble.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable	
Putnam.....	25.1 - 50.0	Stable		10.1 - 25.0	Down	
Richland.....	10.1 - 25.0	Stable		25.1 - 50.0	Stable	
Ross.....	10.1 - 25.0	Up		10.1 - 25.0	Down	
Sandusky.....	25.1 - 50.0	Down		1.0 - 10.0	Down	
Scioto.....	1.0 - 10.0	Up		10.1 - 25.0	Up	
Seneca.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Shelby.....	10.1 - 25.0	Stable		10.1 - 25.0	Up	
Stark.....	25.1 - 50.0	Up		25.1 - 50.0	Down	
Summit.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Trumbull.....	1.0 - 10.0	Up		25.1 - 50.0	Stable	
Tuscarawas.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Union.....	10.1 - 25.0	Down		25.1 - 50.0	Down	
Van Wert.....	1.0 - 10.0	Down		10.1 - 25.0	Stable	
Vinton.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Warren.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable	
Washington.....	10.1 - 25.0	Down		10.1 - 25.0	Down	
Wayne.....	50.1 - 100.0	Stable		25.1 - 50.0	---	
Williams.....	25.1 - 50.0	Down		1.0 - 10.0	Down	
Wood.....	50.1 - 100.0	Up		---	---	
Wyandot.....	1.0 - 10.0	Down		10.1 - 25.0	Down	

A few counties reported small quantities of small grains hay.

Table 24.--Indiana hay: Normal production and expected trends,
by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Adams.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Allen.....	10.1 - 25.0	Down		10.1 - 25.0	Down	
Benton.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable	
Blackford.....	1.0 - 10.0	Up		1.0 - 10.0	Stable	
Boone.....	1.0 - 10.0	Down		10.1 - 25.0	Down	
Brown.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Carroll.....	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Cass.....	10.1 - 25.0	Down		10.1 - 25.0	Down	
Clark.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable	
Clay.....	1.0 - 10.0	Stable		1.0 - 10.0	Down	
Clinton.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Crawford.....	1.0 - 10.0	Up		10.1 - 25.0	Up	
Daviess.....	1.0 - 10.0	Down		10.1 - 25.0	Stable	
Dearborn.....	10.0 - 25.0	Down		1.0 - 10.0	Down	
Decatur.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
De Kalb.....	10.1 - 25.0	Stable		10.1 - 25.0	Down	
Delaware.....	10.1 - 25.0	Down		1.0 - 10.0	Stable	
Dubois.....	1.0 - 10.0	Up		25.1 - 50.0	Up	
Elkhart.....	25.1 - 50.0	Stable		25.1 - 50.0	Stable	
Franklin.....	1.0 - 10.0	Up		10.1 - 25.0	Stable	
Fulton.....	25.1 - 50.0	Up		10.1 - 25.0	Stable	
Gibson.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Grant.....	10.1 - 25.0	Down		1.0 - 10.0	Down	
Greene.....	10.1 - 25.0	Up		25.1 - 50.0	Up	
Hamilton.....	10.1 - 25.0	Stable		25.1 - 50.0	Stable	
Hancock.....	1.0 - 10.0	Down		10.1 - 25.0	Down	
Harrison.....	10.1 - 25.0	Up		10.1 - 25.0	Up	
Hendricks.....	1.0 - 10.0	Down		10.1 - 25.0	Down	
Henry.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Howard.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Huntington.....	10.1 - 25.0	Down		10.1 - 25.0	Down	
Jackson.....	1.0 - 10.0	Up		10.1 - 25.0	Stable	
Jasper.....	1.0 - 10.0	Down		10.1 - 25.0	Down	
Jay.....	10.1 - 25.0	Up		10.1 - 25.0	Up	
Jefferson.....	1.0 - 10.0	Up		1.0 - 10.0	Up	
Jennings.....	1.0 - 10.0	Up		10.1 - 25.0	Up	
Knox.....	10.1 - 25.0	Stable		10.1 - 25.0	Down	
Lake.....	10.1 - 25.0	Down		10.1 - 25.0	Down	
La Porte.....	25.1 - 50.0	Stable		10.1 - 25.0	Down	
Lawrence.....	25.1 - 50.0	Up		10.1 - 25.0	Up	
Marion.....	25.1 - 50.0	Stable		10.1 - 25.0	Down	
Marshall.....	25.1 - 50.0	Up		---	---	
Martin.....	1.0 - 10.0	---		1.0 - 10.0	---	
Miami.....	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Monroe.....	10.1 - 25.0	Up		1.0 - 10.0	Down	
Morgan.....	10.1 - 25.0	Stable		1.0 - 10.0	Down	
Newton.....	1.0 - 10.0	Down		1.0 - 10.0	Down	

Continued --

Table 24.--Indiana hay: Normal production and expected trends,
by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Noble.....	25.1 - 50.0	Up		10.1 - 25.0	Down	
Ohio.....	1.0 - 10.0	Up		1.0 - 10.0	Up	
Orange.....	1.0 - 10.0	Down		10.1 - 25.0	Up	
Owen.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable	
Parke.....	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Perry.....	1.0 - 10.0	Up		10.1 - 25.0	Stable	
Pike.....	1.0 - 10.0	Up		1.0 - 10.0	Down	
Pulaski.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Putnam.....	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
Randolph.....	10.1 - 25.0	Up		10.1 - 25.0	Stable	
Ripley.....	1.0 - 10.0	Up		10.1 - 25.0	Down	
Rush.....	10.1 - 25.0	Stable		10.1 - 25.0	Stable	
St. Joseph.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Scott.....	1.0 - 10.0	Up		1.0 - 10.0	Up	
Shelby.....	10.1 - 25.0	Down		1.0 - 10.0	Stable	
Starke.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Steuben.....	25.1 - 50.0	Down		1.0 - 10.0	Down	
Sullivan.....	1.0 - 10.0	Up		1.0 - 10.0	Down	
Switzerland.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Tippecanoe.....	1.0 - 10.0	Stable		10.1 - 25.0	Up	
Tipton.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Union.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Vermillion.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Vigo.....	1.0 - 10.0	Down		1.0 - 10.0	Up	
Wabash.....	10.1 - 25.0	Up		10.1 - 25.0	Up	
Warren.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Warrick.....	1.0 - 10.0	Up		10.1 - 25.0	Up	
Washington.....	10.1 - 25.0	Up		10.1 - 25.0	Up	
Wayne.....	10.1 - 25.0	Stable		10.1 - 25.0	Down	
Wells.....	10.1 - 25.0	Down		1.0 - 10.0	Down	
White.....	1.0 - 10.0	Down		10.1 - 25.0	Stable	
Whitley.....	25.1 - 50.0	Down		10.1 - 25.0	Down	

A number of counties reported small quantities of lespedeza and small grains hay.

Table 25.--Illinois hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays		Expected trend
	Normal			Normal		
	1,000 tons			1,000 tons		
Adams	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Alexander	1.0	- 10.0	Down	1.0	- 10.0	Stable
Bond	1.0	- 10.0	Up	1.0	- 10.0	Stable
Boone	50.1	- 100.0	Down	1.0	- 10.0	Down
Brown	10.1	- 25.0	---	1.0	- 10.0	---
Bureau	50.1	- 100.0	---	25.1	- 50.0	Down
Calhoun	10.1	- 25.0	Up	1.0	- 10.0	---
Carroll	50.1	- 100.0	Up	10.1	- 25.0	Down
Cass	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Champaign	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Christian	1.0	- 10.0	Down	1.0	- 10.0	Down
Clark	1.0	- 10.0	Down	10.1	- 25.0	Down
Clay	1.0	- 10.0	Up	10.1	- 25.0	Stable
Clinton	50.1	- 100.0	Stable	10.1	- 25.0	Stable
Coles	1.0	- 10.0	Down	1.0	- 10.0	Stable
Cook	10.1	- 25.0	Down	a/		Stable
Crawford	1.0	- 10.0	---	1.0	- 10.0	---
Cumberland	1.0	- 10.0	Up	1.0	- 10.0	Down
De Kalb	25.1	- 50.0	Stable	10.1	- 25.0	Down
De Witt	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Douglas	1.0	- 10.0	Down	1.0	- 10.0	Down
Du Page	10.1	- 25.0	Down	1.0	- 10.0	Down
Edgar	1.0	- 10.0	Down	10.1	- 25.0	Down
Edwards	a/		---	1.0	- 10.0	---
Effingham	1.0	- 10.0	Up	10.1	- 25.0	Stable
Fayette	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Ford	10.1	- 25.0	Down	1.0	- 10.0	Down
Franklin	1.0	- 10.0	Stable	1.0	- 10.0	Up
Fulton	25.1	- 50.0	---	---		---
Gallatin	1.0	- 10.0	Down	1.0	- 10.0	Down
Greene	10.1	- 25.0	Up	1.0	- 10.0	Stable
Grundy	10.1	- 25.0	---	1.0	- 10.0	---
Hamilton	a/		---	1.0	- 10.0	---
Hancock	25.1	- 50.0	Up	25.1	- 50.0	Down
Hardin	1.0	- 10.0	Up	1.0	- 10.0	Up
Henderson	10.1	- 25.0	Down	1.0	- 10.0	Stable
Henry	50.1	- 100.0	Down	25.1	- 50.0	Down
Iroquois	25.1	- 50.0	Stable	10.1	- 25.0	Down
Jackson	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Jasper	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Jefferson	1.0	- 10.0	---	10.1	- 25.0	---
Jersey	10.1	- 25.0	---	1.0	- 10.0	---
Jo Daviess	100.1	- 200.0	Up	10.1	- 25.0	Down
Johnson	1.0	- 10.0	Up	1.0	- 10.0	Up
Kane	50.1	- 100.0	---	10.1	- 25.0	---
Kankakee	25.1	- 50.0	Down	1.0	- 10.0	Down
Kendall	10.1	- 25.0	---	1.0	- 10.0	---
Knox	50.1	- 100.0	---	25.1	- 50.0	---
Lake	25.1	- 50.0	Down	1.0	- 10.0	Down
La Salle	50.1	- 100.0	Up	25.1	- 50.0	Stable
Lawrence	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Lee	50.1	- 100.0	---	10.1	- 25.0	---
Livingston	50.1	- 100.0	Stable	10.1	- 25.0	Stable
Logan	25.1	- 50.0	Down	10.1	- 25.0	Down
McDonough	25.1	- 50.0	Stable	10.1	- 25.0	Stable

Continued --

Table 25.--Illinois hay: Normal production and expected trends, by principal kinds of hay--Con.

County	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays		
	Normal	1,000 tons		Normal	1,000 tons	
McHenry	100.1	200.0	Down	1.0	10.0	Down
McLean	50.1	100.0	Down	25.1	50.0	Down
Macon	10.1	25.0	Stable	1.0	10.0	Stable
Macoupin	10.1	25.0	---	10.1	25.0	---
Madison	25.1	50.0	Stable	10.1	25.0	Stable
Marion	1.0	10.0	Up	10.1	25.0	Stable
Marshall	10.1	25.0	Down	10.1	25.0	Down
Mason	10.1	25.0	Stable	1.0	10.0	---
Massac	1.0	10.0	---	1.0	10.0	---
Menard	10.1	25.0	---	1.0	10.0	---
Mercer	25.1	50.0	---	10.1	25.0	---
Monroe	10.1	25.0	Stable	1.0	10.0	Stable
Montgomery	10.1	25.0	Stable	10.1	25.0	Stable
Morgan	10.1	25.0	---	10.1	25.0	---
Moultrie	1.0	10.0	Down	1.0	10.0	Down
Ogle	100.1	200.0	Stable	10.1	25.0	Stable
Peoria	25.1	50.0	Stable	10.1	25.0	Stable
Perry	1.0	10.0	---	1.0	10.0	---
Piatt	10.1	25.0	Stable	1.0	10.0	Stable
Pike	25.1	50.0	---	1.0	10.0	---
Pope	1.0	10.0	Up	1.0	10.0	Up
Pulaski	1.0	10.0	Up	1.0	10.0	Stable
Putnam	1.0	10.0	Down	1.0	10.0	Down
Randolph	10.1	25.0	Up	10.1	25.0	Down
Richland	1.0	10.0	Up	10.1	25.0	Stable
Rock Island	25.1	50.0	---	1.0	10.0	---
St. Clair	10.1	25.0	Down	10.1	25.0	Up
Saline	1.0	10.0	Down	1.0	10.0	Down
Sangamon	10.1	25.0	---	10.1	25.0	---
Schuyler	10.1	25.0	Up	10.1	25.0	Down
Scott	1.0	10.0	---	1.0	10.0	---
Shelby	10.1	25.0	Up	10.1	25.0	Stable
Stark	10.1	25.0	---	10.1	25.0	---
Stephenson	100.1	200.0	Up	25.1	50.0	Up
Tazewell	25.1	50.0	Stable	10.1	25.0	Down
Union	1.0	10.0	Stable	1.0	10.0	Stable
Vermilion	10.1	25.0	Stable	10.1	25.0	Stable
Wabash	1.0	10.0	Stable	1.0	10.0	Stable
Warren	10.1	25.0	Down	25.1	50.0	Stable
Washington	10.1	25.0	---	10.1	25.0	---
Wayne	1.0	10.0	Up	10.1	25.0	Up
White	1.0	10.0	---	1.0	10.0	---
Whiteside	50.1	100.0	Stable	10.1	25.0	Stable
Will	25.1	50.0	---	1.0	10.0	Down
Williamson	1.0	10.0	Stable	1.0	10.0	Stable
Winnebago	50.1	100.0	Stable	1.0	10.0	Down
Woodford	25.1	50.0	Stable	10.1	25.0	---

a/ Less than 1,000 tons.

Table 26.--Michigan hay: Normal production and expected trends,
by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Alger.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Allegan.....	50.1 - 100.0	Up		25.1 - 50.0	Up	
Alpena.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Antrim.....	10.1 - 25.0	Stable		10.1 - 25.0	---	
Arenac.....	10.1 - 25.0	Down		1.0 - 10.0	Down	
Baraga.....	1.0 - 10.0	Up		10.1 - 25.0	Up	
Barry.....	25.1 - 50.0	Stable		---	Down	
Bay.....	25.1 - 50.0	Stable		1.0 - 10.0	Down	
Benzie.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Berrien.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Branch.....	25.1 - 50.0	Up		10.1 - 25.0	Down	
Calhoun.....	50.1 - 100.0	Up		10.1 - 25.0	Down	
Cass.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Charlevoix.....	10.1 - 25.0	Down		1.0 - 10.0	Stable	
Cheboygan.....	10.1 - 25.0	Up		1.0 - 10.0	Down	
Chippewa.....	1.0 - 10.0	Stable		50.1 - 100.0	Up	
Clare.....	25.1 - 50.0	Up		1.0 - 10.0	Stable	
Clinton.....	50.1 - 100.0	Stable		10.1 - 25.0	Down	
Crawford.....	a/	Down		a/	Down	
Delta.....	10.1 - 25.0	Stable		1.0 - 10.0	Down	
Dickinson.....	---	Stable		---	Stable	
Eaton.....	50.1 - 100.0	Stable		10.1 - 25.0	Stable	
Emmet.....	10.1 - 25.0	Down		1.0 - 10.0	Up	
Genesee.....	25.1 - 50.0	Down		1.0 - 10.0	Down	
Gladwin.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Gogebic.....	a/	Down		1.0 - 10.0	Down	
Grand Traverse.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Houghton.....	1.0 - 10.0	Stable		10.1 - 25.0	Down	
Huron.....	50.1 - 100.0	Stable		10.1 - 25.0	Stable	
Iosco.....	10.1 - 25.0	Up		---	---	
Jackson.....	50.1 - 100.0	Up		1.0 - 10.0	Stable	
Kalamazoo.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Kalkaska.....	1.0 - 10.0	Down		1.0 - 10.0	Down	
Kent.....	50.1 - 100.0	Up		10.1 - 25.0	Stable	
Keweenaw.....	a/	Stable		a/	Stable	
Lake.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Lapeer.....	50.1 - 100.0	Stable		10.1 - 25.0	Down	
Leelanau.....	1.0 - 10.0	Down		1.0 - 10.0	Stable	
Lenawee.....	50.1 - 100.0	Stable		10.1 - 25.0	Stable	
Livingston.....	50.1 - 100.0	Up		10.1 - 25.0	Stable	
Luce.....	1.0 - 10.0	Down		1.0 - 10.0	Up	
Mackinac.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Manistee.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Marquette.....	1.0 - 10.0	Stable		1.0 - 10.0	Down	
Mason.....	25.1 - 50.0	Up		---	---	
Mecosta.....	25.1 - 50.0	Up		1.0 - 10.0	Stable	
Menominee.....	25.1 - 50.0	Stable		10.1 - 25.0	---	

Continued --

Table 26.--Michigan hay: Normal production and expected trends,
by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays	
	Normal	Expected trend		Normal	Expected trend
	1,000 tons			1,000 tons	
Midland.....	10.1 - 25.0	Stable		1.0 - 10.0	Down
Monroe.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable
Montcalm.....	50.1 - 100.0	Up		10.1 - 25.0	Down
Montmorency.....	1.0 - 10.0	Up		1.0 - 10.0	Stable
Muskegon.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable
Newaygo.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable
Oakland.....	25.1 - 50.0	Down		1.0 - 10.0	Down
Oceana.....	25.1 - 50.0	Up		1.0 - 10.0	Down
Ogemaw.....	25.1 - 50.0	Up		1.0 - 10.0	Stable
Ontonagon.....	1.0 - 10.0	Stable		10.1 - 25.0	Stable
Osceola.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable
Oscoda.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable
Otsego.....	10.1 - 25.0	Up		1.0 - 10.0	Up
Ottawa.....	25.1 - 50.0	Up		10.1 - 25.0	Stable
Presque Isle.....	10.1 - 25.0	Up		1.0 - 10.0	Up
Saginaw.....	50.1 - 100.0	Down		10.1 - 25.0	Down
Saint Clair.....	---	Down		---	---
Saint Joseph.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable
Sanilac.....	100.1 - 200.0	Up		25.1 - 50.0	Stable
Schoolcraft.....	1.0 - 10.0	Down		1.0 - 10.0	Down
Shiawassee.....	50.1 - 100.0	Down		1.0 - 10.0	Down
Tuscola.....	50.1 - 100.0	Up		10.1 - 25.0	Down
Van Buren.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable
Washtenaw.....	50.1 - 100.0	Stable		10.1 - 25.0	Stable
Wayne.....	1.0 - 10.0	Down		1.0 - 10.0	Down
Wexford.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable

Table 27.--Wisconsin hay: Normal production and expected trends,
by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays	
	Normal	Expected trend		Normal	Expected trend
	1,000 tons			1,000 tons	
Adams	10.1 - 25.0	Up		1.0 - 10.0	Down
Ashland	10.1 - 25.0	Up		10.1 - 25.0	Stable
Barron	50.1 - 100.0	Up		50.1 - 100.0	Down
Bayfield	25.1 - 50.0	Up		25.1 - 50.0	Down
Brown	100.1 - 200.0	Up		10.1 - 25.0	Down
Buffalo	100.1 - 200.0	Stable		10.1 - 25.0	Stable
Burnett	10.1 - 25.0	Stable		10.1 - 25.0	Stable
Calumet	100.1 - 200.0	Up		1.0 - 10.0	Up
Chippewa	50.1 - 100.0	Up		50.1 - 100.0	Down
Clark	100.1 - 200.0	Up		100.1 - 200.0	Up
Columbia	100.1 - 200.0	Up		10.1 - 25.0	Down
Crawford	50.1 - 100.0	Up		10.1 - 25.0	Down
Dane	200.1 - 400.0	Down		25.1 - 50.0	Down
Dodge	200.1 - 400.0	Up		10.1 - 25.0	Down
Door	50.1 - 100.0	Stable		1.0 - 10.0	Stable
Douglas	10.1 - 25.0	Up		25.1 - 50.0	Down
Dunn	100.1 - 200.0	Up		25.1 - 50.0	Down
Eau Claire	50.1 - 100.0	Up		25.1 - 50.0	Down
Florence	1.0 - 10.0	Stable		1.0 - 10.0	Stable
Fond Du Lac	100.1 - 200.0	Up		10.1 - 25.0	Down
Forest	1.0 - 10.0	Up		10.1 - 25.0	Down

Continued --

Table 27.--Wisconsin hay. Small production and expected trends,
by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays		Expected trend
	Normal	Expected		Normal	Expected	
	1,000 tons			1,000 tons		
Grant	200.1	- 400.0	Up	10.1	- 25.0	Down
Green	200.1	- 400.0	Up	10.1	- 25.0	Down
Green Lake	50.1	- 100.0	Up	1.0	- 10.0	Down
Iowa	200.1	- 400.0	Up	1.0	- 10.0	Down
Iron	1.0	- 10.0	Up	1.0	- 10.0	Stable
Jackson	25.1	- 50.0	Up	10.1	- 25.0	Down
Jefferson	100.1	- 200.0	Stable	1.0	- 10.0	Down
Juneau	25.1	- 50.0	Up	1.0	- 10.0	Up
Kenosha	50.1	- 100.0	Up	1.0	- 10.0	Up
Kewaunee	50.1	- 100.0	Up	10.1	- 25.0	Down
La Crosse	50.1	- 100.0	Up	1.0	- 10.0	Down
Lafayette	100.1	- 200.0	Up	10.1	- 25.0	Down
Langlade	25.1	- 50.0	Up	25.1	- 50.0	Stable
Lincoln	25.1	- 50.0	Up	25.1	- 50.0	---
Manitowoc	100.1	- 200.0	Up	10.1	- 25.0	Down
Marathon	100.1	- 200.0	Up	100.1	- 200.0	Stable
Marinette	50.1	- 100.0	Stable	10.1	- 25.0	Stable
Marquette	25.1	- 50.0	Stable	1.0	- 10.0	Stable
Milwaukee	10.1	- 25.0	Down	1.0	- 10.0	---
Monroe	100.1	- 200.0	Up	10.1	- 25.0	Down
Oconto	100.1	- 200.0	Up	25.1	- 50.0	Down
Oneida		a/	Up	1.0	- 10.0	Down
Outagamie	100.1	- 200.0	Up	10.1	- 25.0	Down
Ozaukee	50.1	- 100.0	Stable	1.0	- 10.0	Stable
Pepin	25.1	- 50.0	Up	1.0	- 10.0	Down
Pierce	100.1	- 200.0	Up	1.0	- 10.0	Stable
Polk	50.1	- 100.0	Up	25.1	- 50.0	Down
Portage	50.1	- 100.0	Up	25.1	- 50.0	Stable
Price	10.1	- 25.0	Up	25.1	- 50.0	Stable
Racine	50.1	- 100.0	Down	1.0	- 10.0	Down
Richland	100.1	- 200.0	Up	10.1	- 25.0	Down
Rock	100.1	- 200.0	Up	10.1	- 25.0	Down
Rusk	10.1	- 25.0	Up	50.1	- 100.0	Down
St. Croix	100.1	- 200.0	Up	50.1	- 100.0	Stable
Sauk	100.1	- 200.0	Up	10.1	- 25.0	Stable
Sawyer	1.0	- 10.0	Stable	10.1	- 25.0	Down
Shawano	100.1	- 200.0	Up	25.1	- 50.0	Down
Sheboygan	100.1	- 200.0	Stable	10.1	- 25.0	Stable
Taylor	25.1	- 50.0	Up	50.1	- 100.0	Down
Trempealeau	100.1	- 200.0	Up	25.1	- 50.0	Down
Vernon	100.1	- 200.0	Up	10.1	- 25.0	Down
Vilas		a/	Up	1.0	- 10.0	Stable
Walworth	100.1	- 200.0	Up	1.0	- 10.0	Down
Washburn	10.1	- 25.0	Stable	10.1	- 25.0	---
Washington	50.1	- 100.0	Up	1.0	- 10.0	Up
Waukesha	100.1	- 200.0	Down	1.0	- 10.0	Down
Waupaca	100.1	- 200.0	Up	10.1	- 25.0	Down
Waushara	50.1	- 100.0	Up	1.0	- 10.0	Stable
Winnebago	100.1	- 200.0	Up	1.0	- 10.0	Stable
Wood	25.1	- 50.0	Up	25.1	- 50.0	Down

a/ Less than 1,000 tons.

A number of counties reported small quantities of wild hay, and small grains hay.

Table 28.--Minnesota hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Aitkin	10.1 - 25.0	Up	50.1 - 100.0	Up	1.0 - 10.0	Down
Anoka	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Becker	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Benton	10.1 - 25.0	Up	1.0 - 10.0	Down	10.1 - 25.0	Down
Big Stone	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Blue Earth	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Brown	50.1 - 100.0	Up	a/	Stable	1.0 - 10.0	Down
Carlton	10.1 - 25.0	Up	25.1 - 50.0	Down	1.0 - 10.0	Stable
Carver	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Cass	10.1 - 25.0	Up	10.1 - 25.0	Down	1.0 - 10.0	Down
Chippewa	25.1 - 50.0	Stable	a/	Down	1.0 - 10.0	Down
Chisago	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Clay	25.1 - 50.0	Stable	1.0 - 10.0	Up	10.1 - 25.0	Down
Clearwater	25.1 - 50.0	Up	10.1 - 25.0	Down	1.0 - 10.0	Down
Cook	---	---	a/	Stable	---	---
Cottonwood	25.1 - 50.0	Stable	1.0 - 10.0	---	1.0 - 10.0	---
Crow Wing	1.0 - 10.0	Up	10.1 - 25.0	Stable	1.0 - 10.0	Down
Dakota	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Dodge	50.1 - 100.0	Up	10.1 - 25.0	Stable	a/	Down
Douglas	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Fairbault	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Freeborn	50.1 - 100.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Grant	---	Up	---	Down	1.0 - 10.0	Down
Hennepin	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Houston	50.1 - 100.0	Stable	10.1 - 25.0	Stable	---	---
Hubbard	10.1 - 25.0	---	1.0 - 10.0	---	1.0 - 10.0	---
Isanti	25.1 - 50.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Itasca	10.1 - 25.0	Stable	10.1 - 25.0	Down	a/	Down
Kanabec	10.1 - 25.0	Up	10.1 - 25.0	Up	1.0 - 10.0	Stable
Kandiyohi	50.1 - 100.0	Stable	---	---	---	---
Kittson	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Koochiching	10.1 - 25.0	Stable	1.0 - 10.0	Stable	---	---
Lac qui Parle	25.1 - 50.0	Down	1.0 - 10.0	---	10.1 - 25.0	---
Lake	a/	Up	1.0 - 10.0	Up	---	---
Lake of the Woods	10.1 - 25.0	Up	1.0 - 10.0	Up	---	---
Le Sueur	50.1 - 100.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Lincoln	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Lyon	25.1 - 50.0	Stable	a/	Stable	1.0 - 10.0	Stable
McLeod	50.1 - 100.0	Stable	1.0 - 10.0	Down	10.1 - 25.0	Down
Mahnomen	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Marshall	25.1 - 50.0	Stable	10.1 - 25.0	Stable	10.1 - 25.0	Down
Martin	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Meeker	50.1 - 100.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Down
Mille Lacs	25.1 - 50.0	Up	10.1 - 25.0	Down	1.0 - 10.0	Down

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Table 28.--Minnesota hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Morrison	25.1 - 50.0	Up	---	Down	---	Down
Nicollet	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Nobles	50.1 - 100.0	Down	10.1 - 25.0	Down	1.0 - 10.0	Down
Olmsted	100.1 - 200.0	Stable	10.1 - 25.0	Stable	---	---
Pennington	25.1 - 50.0	Up	10.1 - 25.0	Up	1.0 - 10.0	Down
Pine	10.1 - 25.0	Up	25.1 - 50.0	Stable	1.0 - 10.0	Down
Pipestone	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Pope	25.1 - 50.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Ramsey	1.0 - 10.0	Down	a/	Down	a/	Stable
Red Lake	25.1 - 50.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Down
Redwood	100.1 - 200.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Renville	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Rice	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Rock	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Roseau	25.1 - 50.0	Up	25.1 - 50.0	Stable	10.1 - 25.0	Stable
St. Louis	10.1 - 25.0	Up	50.1 - 100.0	Stable	---	---
Scott	50.1 - 100.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Stable
Sibley	100.1 - 200.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Steele	50.1 - 100.0	Stable	1.0 - 10.0	Stable	---	---
Stevens	25.1 - 50.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Swift	25.1 - 50.0	Stable	a/	Stable	10.1 - 25.0	Stable
Todd	50.1 - 100.0	Up	10.1 - 25.0	Stable	10.1 - 25.0	Stable
Traverse	10.1 - 25.0	Stable	a/	Stable	1.0 - 10.0	Down
Wabasha	100.1 - 200.0	Stable	1.0 - 10.0	Down	---	---
Waseca	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Washington	25.1 - 50.0	Down	1.0 - 10.0	Up	---	---
Watonwan	25.1 - 50.0	Stable	a/	Down	1.0 - 10.0	Down
Winona	100.1 - 200.0	Up	10.1 - 25.0	Down	---	---
Wright	100.1 - 200.0	Down	1.0 - 10.0	Down	10.1 - 25.0	Down
Yellow Medicine	25.1 - 50.0	Stable	a/	Down	1.0 - 10.0	Down

a/ Less than 1,000 tons.

A number of counties reported small quantities of small grains hay.

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Table 29.—North Dakota hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Small grains hay			Wild hay		
	Normal	Expected	trend	Normal	Expected	trend	Normal	Expected	trend	Normal	Expected	
	1,000 tons			1,000 tons			1,000 tons			1,000 tons		
Adams	25.1	50.0	Up	10.1	25.0	Up	1.0	10.0	Up	1.0	10.0	Stable
Barnes	25.1	50.0	Stable	1.0	10.0	Stable	1.0	10.0	Stable	25.1	50.0	Stable
Benson	10.1	25.0	Stable	1.0	10.0	Stable	1.0	10.0	Stable	25.1	50.0	Stable
Billings	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Stable	1.0	10.0	Stable
Bottineau	25.1	50.0	Up	1.0	10.0	Stable	1.0	10.0	Stable	10.1	25.0	Down
Bowman	10.1	25.0	Up	a/		Up	1.0	10.0	Down	1.0	10.0	Down
Burke	1.0	10.0	Up	1.0	10.0	Stable	1.0	10.0	Stable	10.1	25.0	Stable
Burleigh	50.1	100.0	Up	1.0	10.0	Stable	1.0	10.0	---	50.1	100.0	Up
Cass	50.1	100.0	Stable	1.0	10.0	Stable	1.0	10.0	Stable	1.0	10.0	Stable
Cavalier	10.1	25.0	Stable	a/		Up	1.0	10.0	Up	25.1	50.0	Down
Dickey	50.1	100.0	Stable	1.0	10.0	Stable	a/		Stable	50.1	100.0	Stable
Divide	1.0	10.0	Stable	1.0	10.0	Up	1.0	10.0	Stable	10.1	25.0	Stable
Dunn	25.1	50.0	Up	1.0	10.0	Down	10.1	25.0	Stable	10.1	25.0	Down
Eddy	10.1	25.0	Stable	a/		Stable	a/		Stable	25.1	50.0	Stable
Emmons	25.1	50.0	Up	a/		Stable	1.0	10.0	Up	50.1	100.0	Stable
Foster	10.1	25.0	Up	1.0	10.0	Up	a/		Stable	10.1	25.0	Down
Golden Valley	1.0	10.0	Stable	a/		Stable	1.0	10.0	Stable	1.0	10.0	Stable
Grand Forks	50.1	100.0	Up	1.0	10.0	Up	1.0	10.0	Stable	10.1	25.0	Stable
Grant	25.1	50.0	Up	a/		Stable	1.0	10.0	Stable	10.1	25.0	Down
Griggs	25.1	50.0	Up	1.0	10.0	Stable	---		---	10.1	25.0	Stable
Hettinger	10.1	25.0	Up	a/		Stable	1.0	10.0	Stable	1.0	10.0	Down
Kidder	25.1	50.0	Up	a/		---	1.0	10.0	Up	50.1	100.0	Up
La Moure	25.1	50.0	Stable	1.0	10.0	Stable	1.0	10.0	Stable	25.1	50.0	Stable
Logan	25.1	50.0	Up	1.0	10.0	Stable	a/		Down	50.1	100.0	Stable
McHenry	50.1	100.0	Up	1.0	10.0	Up	1.0	10.0	Up	50.1	100.0	Stable
McIntosh	25.1	50.0	Up	1.0	10.0	Up	a/		Stable	25.1	50.0	Stable
McKenzie	25.1	50.0	Stable	1.0	10.0	Stable	10.1	25.0	Up	10.1	25.0	Down
McLean	25.1	50.0	Up	a/		Down	1.0	10.0	Down	25.1	50.0	Stable
Mercer	10.1	25.0	Stable	1.0	10.0	Stable	1.0	10.0	Down	10.1	25.0	Stable
Morton	25.1	50.0	Up	1.0	10.0	Up	10.1	25.0	Up	25.1	50.0	---
Mountrail	10.1	25.0	---	a/		---	1.0	10.0	---	25.1	50.0	---
Nelson	10.1	25.0	Up	1.0	10.0	Stable	1.0	10.0	Stable	25.1	50.0	Stable
Oliver	25.1	50.0	Up	a/		Stable	10.1	25.0	Down	10.1	25.0	Stable
Pembina	25.1	50.0	Stable	1.0	10.0	Stable	a/		Down	1.0	10.0	Down
Pierce	10.1	25.0	Up	1.0	10.0	Down	1.0	10.0	Stable	25.1	50.0	Stable
Ramsey	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Stable	25.1	50.0	Stable
Ransom	25.1	50.0	Up	1.0	10.0	Up	1.0	10.0	Stable	25.1	50.0	Down
Renville	1.0	10.0	Down	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0	Down
Richland	50.1	100.0	Up	1.0	10.0	Stable	a/		Down	25.1	50.0	Stable
Rolette	10.1	25.0	Up	1.0	10.0	Stable	1.0	10.0	Stable	10.1	25.0	Stable
Sargent	25.1	50.0	Up	a/		Stable	1.0	10.0	Stable	25.1	50.0	Stable
Sheridan	1.0	10.0	Down	a/		Stable	1.0	10.0	Stable	25.1	50.0	Stable

Continued --

Table 29.—North Dakota hay: Normal production and expected trends, by principal kinds of hay—Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		Small grains hay		Wild hay				
	Normal	Expected trend		Normal	Expected trend	Normal	Expected trend	Normal	Expected trend			
	1,000 tons			1,000 tons		1,000 tons		1,000 tons				
Sioux	1.0	- 10.0	Up	a/	Stable	1.0	- 10.0	Down	10.1	- 25.0	Down	
Slope	1.0	- 10.0	Up	a/	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down	
Stark	25.1	- 50.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable
Steele	1.0	- 10.0	Up	a/	Up	---	---	---	1.0	- 10.0	Up	
Stutsman	50.1	- 100.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Towner	1.0	- 10.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Down
Traill	25.1	- 50.0	Stable	1.0	- 10.0	Stable	a/	Down	1.0	- 10.0	Down	
Walsh	25.1	- 50.0	Up	a/	Stable	1.0	- 10.0	Up	25.1	- 50.0	Stable	
Ward	25.1	- 50.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Up	25.1	- 50.0	Down
Wells	25.1	- 50.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Williams	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Up	10.1	- 25.0	---

a/ Less than 1,000 tons.

Table 30.—South Dakota hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		Small grains hay		Wild hay				
	Normal	Expected trend		Normal	Expected trend	Normal	Expected trend	Normal	Expected trend			
	1,000 tons			1,000 tons		1,000 tons		1,000 tons				
Aurora	50.1	- 100.0	Up	a/	Up	a/	Up	25.1	- 50.0	Up		
Beadle	25.1	- 50.0	Up	a/	Up	1.0	- 10.0	Up	10.1	- 25.0	Down	
Bennett	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Bonn Homme	25.1	- 50.0	Up	a/	Stable	a/	Stable	10.1	- 25.0	Stable		
Brookings	50.1	- 100.0	Up	1.0	- 10.0	Up	---	---	10.1	- 25.0	Stable	
Brown	50.1	- 100.0	Up	a/	---	1.0	- 10.0	Stable	25.1	- 50.0	Stable	
Brule	25.1	- 50.0	Stable	a/	Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable	
Buffalo	10.1	- 25.0	Stable	---	---	a/	Stable	10.1	- 25.0	Stable		
Butte	50.1	- 100.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Campbell	25.1	- 50.0	Up	1.0	- 10.0	Up	a/	Down	10.1	- 25.0	Down	
Charles Mix	50.1	- 100.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	25.1	- 50.0	Down
Clark	10.1	- 25.0	Down	a/	Down	1.0	- 10.0	Up	10.1	- 25.0	Down	
Clay	25.1	- 50.0	Stable	a/	---	a/	Stable	1.0	- 10.0	Stable		
Codington	25.1	- 50.0	Stable	a/	Stable	a/	Stable	10.1	- 25.0	Stable		
Corson	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Custer	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Davison	25.1	- 50.0	Stable	a/	Stable	---	---	10.1	- 25.0	Stable		
Day	25.1	- 50.0	Up	a/	Stable	a/	Stable	25.1	- 50.0	Stable		
Deuel	50.1	- 100.0	Up	---	---	a/	---	1.0	- 10.0	Down		
Dewey	10.1	- 25.0	Up	---	---	1.0	- 10.0	Stable	25.1	- 50.0	Stable	
Douglas	25.1	- 50.0	Up	a/	Down	1.0	- 10.0	Stable	10.1	- 25.0	Stable	
Edmunds	10.1	- 25.0	Up	a/	Down	1.0	- 10.0	Stable	50.1	- 100.0	Up	

Continued

Table 30.--South Dakota hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Small grains hay			Wild hay		
	Normal	Expected	trend	Normal	Expected	trend	Normal	Expected	trend	Normal	Expected	trend
	1,000 tons			1,000 tons			1,000 tons			1,000 tons		
Fall River	10.1	- 25.0	Stable	a/		Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Faulk	25.1	- 50.0	Stable	a/		Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Grant	25.1	- 50.0	Stable	1.0	- 10.0	Stable	a/		Stable	25.1	- 50.0	Stable
Gregory	50.1	- 100.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Haakon	25.1	- 50.0	Up	a/		Stable	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Hamlin	25.1	- 50.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Hand	50.1	- 100.0	Up	a/		---	1.0	- 10.0	Stable	50.1	- 100.0	Down
Hanson	10.1	- 25.0	Stable	a/		---	a/		---	1.0	- 10.0	---
Harding	10.1	- 25.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	10.1	- 25.0	Stable
Hughes	10.1	- 25.0	Up	a/		Stable	1.0	- 10.0	Stable	10.1	- 25.0	Down
Hutchinson	25.1	- 50.0	Stable	a/		Stable	a/		Stable	25.1	- 50.0	Stable
Hyde	10.1	- 25.0	Stable	a/		Down	1.0	- 10.0	Down	25.1	- 50.0	Down
Jackson	10.1	- 25.0	Up	a/		Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Jerauld	25.1	- 50.0	Up	a/		---	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Jones	10.1	- 25.0	Up	a/		Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Kingsbury	50.1	- 100.0	Up	1.0	- 10.0	Stable	a/		Stable	10.1	- 25.0	Up
Lake	25.1	- 50.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable	1.0	- 10.0	Down
Lawrence	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Lincoln	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Down
Lyman	10.1	- 25.0	Down	1.0	- 10.0	Down	a/		Up	25.1	- 50.0	Stable
McCook	50.1	- 100.0	Up	a/		Stable	1.0	- 10.0	Stable	10.1	- 25.0	Down
McPherson	25.1	- 50.0	Up	a/		Down	a/		Stable	50.1	- 100.0	Up
Marshall	50.1	- 100.0	Up	1.0	- 10.0	Down	a/		Stable	25.1	- 50.0	Stable
Meade	50.1	- 100.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Mellette	25.1	- 50.0	Up	a/		Stable	1.0	- 10.0	Stable	10.1	- 25.0	Up
Miner	25.1	- 50.0	Stable	a/		Stable	1.0	- 10.0	Up	10.1	- 25.0	Stable
Minnehaha	50.1	- 100.0	Stable	1.0	- 10.0	Stable	a/		Down	1.0	- 10.0	Down
Moody	25.1	- 50.0	Up	a/		Down	---		---	1.0	- 10.0	Stable
Pennington	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Perkins	50.1	- 100.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	25.1	- 50.0	Stable
Potter	25.1	- 50.0	Up	a/		Stable	1.0	- 10.0	Up	25.1	- 50.0	Up
Roberts	25.1	- 50.0	Stable	a/		Down	a/		Stable	50.1	- 100.0	Stable
Sanborn	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Shannon	1.0	- 10.0	Stable	a/		Stable	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Spink	50.1	- 100.0	Up	a/		Stable	a/		Up	25.1	- 50.0	Stable
Stanley	1.0	- 10.0	Up	a/		Down	1.0	- 10.0	Up	25.1	- 50.0	Down
Sully	10.1	- 25.0	Stable	---		---	1.0	- 10.0	Up	25.1	- 50.0	Down
Todd	25.1	- 50.0	Stable	a/		---	1.0	- 10.0	Stable	25.1	- 50.0	Stable
Tripp	50.1	- 100.0	Up	a/		---	a/		---	50.1	- 100.0	---
Turner	50.1	- 100.0	Stable	1.0	- 10.0	Stable	a/		Stable	1.0	- 10.0	Stable
Union	25.1	- 50.0	Stable	a/		Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Walworth	10.1	- 25.0	Up	a/		Stable	1.0	- 10.0	Stable	10.1	- 25.0	Down
Washabaugh	10.1	- 25.0	Up	a/		Stable	a/		Stable	1.0	- 10.0	Stable
Yankton	25.1	- 50.0	Stable	a/		Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Ziebach	10.1	- 25.0	Up	a/		Down	1.0	- 10.0	Up	25.1	- 50.0	Stable

a/ Less than 1,000 tons.

Table 31.--Iowa hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays		
	Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons		
Adair.....	25.1 - 50.0	Up		25.1 - 50.0	Down	
Adams.....	25.1 - 50.0	Down		25.1 - 50.0	Down	
Allamakee.....	100.1 - 200.0	Up		10.1 - 25.0	Down	
Appanoose.....	50.1 - 100.0	Up		10.1 - 25.0	Down	
Audubon.....	50.1 - 100.0	Stable		10.1 - 25.0	Stable	
Benton.....	50.1 - 100.0	Stable		50.1 - 100.0	Stable	
Black Hawk.....	50.1 - 100.0	Stable		25.1 - 50.0	Stable	
Boone.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Bremer.....	50.1 - 100.0	Up		25.1 - 50.0	Down	
Buchanan.....	25.1 - 50.0	Stable		50.1 - 100.0	Stable	
Buena Vista.....	50.1 - 100.0	Down		1.0 - 10.0	Stable	
Butler.....	50.1 - 100.0	Stable		50.1 - 100.0	Stable	
Calhoun.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Carroll.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Cass.....	50.1 - 100.0	Down		25.1 - 50.0	Up	
Cedar.....	50.1 - 100.0	Down		25.1 - 50.0	Stable	
Cerro Gordo.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Cherokee.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Chickasaw.....	25.1 - 50.0	Up		25.1 - 50.0	Down	
Clarke.....	25.1 - 50.0	Up		25.1 - 50.0	Up	
Clay.....	50.1 - 100.0	Stable		10.1 - 25.0	Down	
Clayton.....	100.1 - 200.0	Up		25.1 - 50.0	Down	
Clinton.....	50.1 - 100.0	Down		25.1 - 50.0	Down	
Crawford.....	50.1 - 100.0	Stable		25.1 - 50.0	Stable	
Dallas.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Davis.....	25.1 - 50.0	Up		10.1 - 25.0	Down	
Decatur.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Delaware.....	50.1 - 100.0	Stable		25.1 - 50.0	Stable	
Des Moines.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Dickinson.....	25.1 - 50.0	Down		1.0 - 10.0	Stable	
Dubuque.....	100.1 - 200.0	Stable		25.1 - 50.0	Stable	
Emmet.....	25.1 - 50.0	Stable		1.0 - 10.0	Down	
Fayette.....	50.1 - 100.0	Stable		50.1 - 100.0	Stable	
Floyd.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Franklin.....	50.1 - 100.0	Stable		10.1 - 25.0	Down	
Fremont.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Greene.....	25.1 - 50.0	Stable		10.1 - 25.0	Stable	
Grundy.....	25.1 - 50.0	Up		25.1 - 50.0	Stable	
Guthrie.....	25.1 - 50.0	Stable		25.1 - 50.0	Stable	
Hamilton.....	25.1 - 50.0	Stable		10.1 - 25.0	Down	
Hancock.....	50.1 - 100.0	Up		---	Down	
Hardin.....	25.1 - 50.0	Up		25.1 - 50.0	Down	
Harrison.....	50.1 - 100.0	Up		1.0 - 10.0	Up	
Henry.....	25.1 - 50.0	Up		10.1 - 25.0	Down	
Howard.....	25.1 - 50.0	Up		25.1 - 50.0	Down	
Humboldt.....	25.1 - 50.0	Stable		1.0 - 10.0	Down	
Ida.....	25.1 - 50.0	Up		10.1 - 25.0	Stable	

Continued --

Table 31.--Iowa hay: Normal production and expected trends,
by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays		
	Normal	Expected		Normal	Expected	
	1,000 tons			1,000 tons		
Iowa.....	50.1	- 100.0	Up	25.1	- 50.0	Stable
Jackson.....	100.1	- 200.0	Stable	10.1	- 25.0	Up
Jasper.....	50.1	- 100.0	---	25.1	- 50.0	Down
Jefferson.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Johnson.....	50.1	- 100.0	Stable	10.1	- 25.0	Stable
Jones.....	50.1	- 100.0	Stable	25.1	- 50.0	Stable
Keokuk.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Kossuth.....	100.1	- 200.0	Stable	10.1	- 25.0	Stable
Lee.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Linn.....	50.1	- 100.0	Stable	25.1	- 50.0	Up
Louisa.....	10.1	- 25.0	Down	1.0	- 10.0	Down
Lyon.....	10.1	- 25.0	Down	1.0	- 10.0	Stable
Madison.....	50.1	- 100.0	Up	10.1	- 25.0	Down
Mahaska.....	50.1	- 100.0	Up	10.1	- 25.0	Down
Marion.....	50.1	- 100.0	Up	10.1	- 25.0	Stable
Marshall.....	50.1	- 100.0	Up	10.1	- 25.0	Down
Mills.....	25.1	- 50.0	Up	1.0	- 10.0	Stable
Mitchell.....	25.1	- 50.0	Up	10.1	- 25.0	Down
Monona.....	50.1	- 100.0	Stable	1.0	- 10.0	Stable
Monroe.....	25.1	- 50.0	Up	1.0	- 10.0	Down
Montgomery.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Muscatine.....	25.1	- 50.0	Stable	1.0	- 10.0	Stable
O'Brien.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Osceola.....	10.1	- 25.0	Down	1.0	- 10.0	Down
Page.....	50.1	- 100.0	Stable	10.1	- 25.0	Stable
Palo Alto.....	50.1	- 100.0	Up	10.1	- 25.0	Up
Pocahontas.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Polk.....	10.1	- 25.0	Down	1.0	- 10.0	Down
Pottawattamie.....	100.1	- 200.0	Up	10.1	- 25.0	Stable
Poweshiek.....	50.1	- 100.0	Up	25.1	- 50.0	Down
Ringgold.....	50.1	- 100.0	Up	25.1	- 50.0	Stable
Sac.....	50.1	- 100.0	Stable	10.1	- 25.0	Stable
Scott.....	50.1	- 100.0	Down	10.1	- 25.0	---
Shelby.....	50.1	- 100.0	Down	10.1	- 25.0	Down
Sioux.....	50.1	- 100.0	Stable	1.0	- 10.0	Down
Story.....	25.1	- 50.0	Down	10.1	- 25.0	Down
Tama.....	50.1	- 100.0	Stable	50.1	- 100.0	Stable
Taylor.....	25.1	- 50.0	Up	25.1	- 50.0	Stable
Union.....	25.1	- 50.0	Up	25.1	- 50.0	Up
Van Buren.....	25.1	- 50.0	Up	10.1	- 25.0	Down
Wapello.....	25.1	- 50.0	Stable	10.1	- 25.0	Stable
Warren.....	50.1	- 100.0	Stable	1.0	- 10.0	Stable
Washington.....	25.1	- 50.0	Stable	25.1	- 50.0	Stable
Wayne.....	50.1	- 100.0	Stable	10.1	- 25.0	Stable
Webster.....	25.1	- 50.0	Stable	1.0	- 10.0	Stable
Winnebago.....	25.1	- 50.0	Stable	1.0	- 10.0	Stable
Winneshiek.....	100.1	- 200.0	Up	10.1	- 25.0	Down
Woodbury.....	50.1	- 100.0	Stable	1.0	- 10.0	Stable
Worth.....	---	---	Down	25.1	- 50.0	---
Wright.....	50.1	- 100.0	Stable	10.1	- 25.0	Stable

A number of counties reported small quantities of small grains hay.

Table 32.--Nebraska hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Adams.....	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Up
Antelope.....	50.1 - 100.0	Up	1.0 - 10.0	Stable	25.1 - 50.0	Stable
Arthur.....	1.0 - 10.0	Down	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Banner.....	1.0 - 10.0	Up	a/	Stable	1.0 - 10.0	Stable
Blaine.....	1.0 - 10.0	Up	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Boone.....	50.1 - 100.0	Up	a/	Stable	10.1 - 25.0	Stable
Box Butte.....	10.1 - 25.0	Up	a/	Up	10.1 - 25.0	Stable
Boyd.....	25.1 - 50.0	Stable	---	---	10.1 - 25.0	Stable
Buffalo.....	100.1 - 200.0	Up	a/	Stable	10.1 - 25.0	Stable
Burt.....	50.1 - 100.0	Stable	1.0 - 10.0	Up	---	---
Cass.....	---	Stable	---	Down	---	Stable
Cedar.....	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up
Chase.....	10.1 - 25.0	Up	---	---	1.0 - 10.0	Stable
Cherry.....	---	Up	---	Stable	---	Stable
Cheyenne.....	10.1 - 25.0	Up	---	---	1.0 - 10.0	Up
Clay.....	25.1 - 50.0	Stable	---	---	1.0 - 10.0	Stable
Colfax.....	25.1 - 50.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Cuming.....	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Dawes.....	25.1 - 50.0	Up	a/	---	10.1 - 25.0	---
Dawson.....	200.1 - 400.0	Up	---	---	1.0 - 10.0	Stable
Deuel.....	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Stable
Dixon.....	25.1 - 50.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Dundy.....	10.1 - 25.0	Up	a/	Stable	1.0 - 10.0	Stable
Fillmore.....	25.1 - 50.0	---	---	Stable	1.0 - 10.0	Stable
Franklin.....	10.1 - 25.0	Up	---	Down	1.0 - 10.0	Stable
Frontier.....	10.1 - 25.0	Up	a/	Down	1.0 - 10.0	Up
Furnas.....	25.1 - 50.0	Stable	---	---	---	---
Gage.....	50.1 - 100.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Garfield.....	---	---	---	---	25.1 - 50.0	Up
Gosper.....	10.1 - 25.0	Up	---	Stable	1.0 - 10.0	Stable
Grant.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable	50.1 - 100.0	Stable
Greeley.....	25.1 - 50.0	Up	---	---	1.0 - 10.0	Up
Hamilton.....	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Harlan.....	25.1 - 50.0	Up	---	---	1.0 - 10.0	Up
Hayes.....	1.0 - 10.0	Down	---	---	1.0 - 10.0	Stable
Hitchcock.....	10.1 - 25.0	Stable	a/	Stable	---	---
Holt.....	50.1 - 100.0	Stable	1.0 - 10.0	Stable	200.1 - 400.0	Stable
Hooker.....	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable
Howard.....	25.1 - 50.0	Stable	a/	---	1.0 - 10.0	---
Jefferson.....	50.1 - 100.0	Stable	a/	Down	1.0 - 10.0	Up
Johnson.....	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up
Kearney.....	25.1 - 50.0	Stable	---	---	1.0 - 10.0	Stable
Keith.....	25.1 - 50.0	Stable	---	---	10.1 - 25.0	---

Table 32.--Nebraska hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Kimball.....	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable
Knox.....	50.1 - 100.0	Stable	1.0 - 10.0	Stable	25.1 - 50.0	Up
Lancaster.....	---	Up	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Lincoln.....	50.1 - 100.0	Stable	1.0 - 10.0	Up	50.1 - 100.0	Stable
Logan.....	1.0 - 10.0	Up	---	---	25.1 - 50.0	Stable
Loup.....	---	---	---	---	25.1 - 50.0	Up
McPherson.....	1.0 - 10.0	Up	---	---	10.1 - 25.0	Stable
Madison.....	50.1 - 100.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Merrick.....	25.1 - 50.0	Stable	a/	Stable	10.1 - 25.0	Stable
Morrill.....	25.1 - 50.0	Up	---	---	25.1 - 50.0	Up
Nemaha.....	25.1 - 50.0	Stable	1.0 - 10.0	Down	---	---
Otoe.....	25.1 - 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up
Pawnee.....	25.1 - 50.0	Up	1.0 - 10.0	Up	10.1 - 25.0	Up
Perkins.....	1.0 - 10.0	Down	a/	Stable	---	Stable
Phelps.....	25.1 - 50.0	Stable	---	---	a/	Stable
Pierce.....	50.1 - 100.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Up
Platte.....	50.1 - 100.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Stable
Polk.....	25.1 - 50.0	Stable	a/	Down	1.0 - 10.0	Stable
Red Willow.....	10.1 - 25.0	Up	---	---	---	---
Richardson.....	25.1 - 50.0	Up	10.1 - 25.0	Up	1.0 - 10.0	Stable
Saline.....	50.1 - 100.0	Stable	a/	Stable	1.0 - 10.0	Stable
Sarpy.....	10.1 - 25.0	Stable	1.0 - 10.0	Stable	---	---
Saunders.....	50.1 - 100.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Stable
Scotts Bluff.....	50.1 - 100.0	Down	---	---	---	---
Seward.....	25.1 - 50.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Stable
Sheridan.....	25.1 - 50.0	Stable	1.0 - 10.0	Stable	100.1 - 200.0	---
Sherman.....	25.1 - 50.0	Stable	a/	Up	1.0 - 10.0	Stable
Sioux.....	25.1 - 50.0	Up	---	Stable	---	Stable
Stanton.....	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Thayer.....	25.1 - 50.0	Up	a/	---	1.0 - 10.0	Stable
Thomas.....	1.0 - 10.0	Stable	a/	Stable	10.1 - 25.0	Stable
Thurston.....	25.1 - 50.0	Up	---	---	---	---
Valley.....	---	Up	---	Stable	1.0 - 10.0	Up
Washington.....	50.1 - 100.0	Up	1.0 - 10.0	Stable	---	---
Wayne.....	---	Stable	---	Stable	---	Stable
Webster.....	25.1 - 50.0	Up	---	---	1.0 - 10.0	---
Wheeler.....	---	---	---	---	50.1 - 100.0	Up
York.....	50.1 - 100.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Up

a/ Less than 1,000 tons.

A number of counties reported small quantities of small grains hay.

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Table 33.--Kansas hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays 1/			Wild hay		
	Normal	Expected	trend	Normal	Expected	trend	Normal	Expected	trend
	1,000 tons			1,000 tons			1,000 tons		
Allen	10.1	- 25.0	Up	1.0	- 10.0	Up	25.1	- 50.0	Stable
Barber	1.0	- 10.0	Stable	---	---	---	---	---	---
Barton	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Bourbon	10.1	- 25.0	Up	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Brown	25.1	- 50.0	Stable	10.1	- 25.0	Stable	---	---	---
Butler	50.1	- 100.0	Stable	a/	---	Stable	25.1	- 50.0	Stable
Chase	25.1	- 50.0	Up	a/	---	Up	1.0	- 10.0	Stable
Chautauqua	10.1	- 25.0	Up	---	---	Stable	10.1	- 25.0	Up
Cherokee	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable
Cheyenne	1.0	- 10.0	Up	---	---	---	---	---	---
Clark	1.0	- 10.0	Stable	---	---	Stable	1.0	- 10.0	---
Clay	25.1	- 50.0	Up	a/	---	Down	10.1	- 25.0	Up
Cloud	25.1	- 50.0	Stable	---	---	Down	1.0	- 10.0	Stable
Coffey	25.1	- 50.0	Up	a/	---	Stable	10.1	- 25.0	Stable
Cowley	25.1	- 50.0	Up	a/	---	Stable	10.1	- 25.0	Stable
Crawford	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Up
Decatur	10.1	- 25.0	Stable	---	---	---	---	---	---
Dickinson	25.1	- 50.0	Up	a/	---	Stable	10.1	- 25.0	Stable
Doniphan	25.1	- 50.0	Up	1.0	- 10.0	Down	---	---	---
Douglas	10.1	- 25.0	Down	a/	---	Down	1.0	- 10.0	Down
Edwards	10.1	- 25.0	---	---	---	---	---	---	---
Elk	10.1	- 25.0	Stable	a/	---	Stable	10.1	- 25.0	Stable
Ellis	1.0	- 10.0	Up	a/	---	Stable	1.0	- 10.0	Up
Ellsworth	10.1	- 25.0	Up	a/	---	Stable	1.0	- 10.0	Stable
Ford	10.1	- 25.0	Up	---	---	---	---	---	---
Franklin	25.1	- 50.0	Up	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Gove	1.0	- 10.0	Stable	---	---	---	---	---	---
Graham	10.1	- 25.0	Up	a/	---	Stable	---	---	---
Grant	1.0	- 10.0	Stable	---	---	---	---	---	---
Gray	1.0	- 10.0	Up	a/	---	Up	---	---	---
Greeley	a/	---	Stable	---	---	---	---	---	---
Greenwood	25.1	- 50.0	Stable	a/	---	Stable	---	---	Down
Harper	10.1	- 25.0	Stable	a/	---	Stable	---	---	---
Harvey	25.1	- 50.0	Up	a/	---	Stable	1.0	- 10.0	Down
Haskell	1.0	- 10.0	Up	---	---	---	---	---	---
Hodgeman	1.0	- 10.0	Stable	---	---	---	---	---	---
Jackson	25.1	- 50.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable
Jefferson	25.1	- 50.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Jewell	50.1	- 100.0	Stable	---	---	---	1.0	- 10.0	Stable
Johnson	25.1	- 50.0	Down	10.1	- 25.0	Stable	1.0	- 10.0	---
Kearny	10.1	- 25.0	Stable	---	---	---	---	---	---
Kiowa	1.0	- 10.0	Up	---	---	---	---	---	---
Labette	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Down
Leavenworth	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Lincoln	25.1	- 50.0	Up	a/	---	Down	1.0	- 10.0	Stable
Linn	10.1	- 25.0	Stable	1.0	- 10.0	Down	10.1	- 25.0	Stable
Logan	1.0	- 10.0	Stable	---	---	---	1.0	- 10.0	Stable

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Table 33.—Kansas hay: Normal production and expected trends, by principal kinds of hay—Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays ^{1/}			Wild hay	
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend
	1,000 tons			1,000 tons			1,000 tons	
McPherson	25.1 - 50.0	Up		a/	Down		1.0 - 10.0	Stable
Marion	25.1 - 50.0	Up		a/	Stable		10.1 - 25.0	Stable
Meade	1.0 - 10.0	Stable		---	---		---	---
Miami	25.1 - 50.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable
Mitchell	25.1 - 50.0	Stable		1.0 - 10.0	Stable		---	---
Montgomery	10.1 - 25.0	Up		1.0 - 10.0	Stable		10.1 - 25.0	Stable
Morris	---	Up		---	Stable		---	Stable
Morton	a/	Stable		---	---		---	---
Nemaha	---	Up		1.0 - 10.0	---		---	Stable
Neosho	10.1 - 25.0	Stable		1.0 - 10.0	Stable		10.1 - 25.0	Up
Norton	10.1 - 25.0	Down		1.0 - 10.0	Stable		---	---
Osage	10.1 - 25.0	Up		1.0 - 10.0	Stable		10.1 - 25.0	Up
Osborne	10.1 - 25.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Down
Ottawa	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable
Pawnee	25.1 - 50.0	Up		---	---		---	---
Phillips	25.1 - 50.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable
Rawlins	10.1 - 25.0	Up		a/	Up		---	---
Reno	50.1 - 100.0	Up		a/	Stable		1.0 - 10.0	Up
Rice	10.1 - 25.0	Stable		---	---		1.0 - 10.0	Stable
Riley	25.1 - 50.0	Up		---	---		10.1 - 25.0	Stable
Rooks	10.1 - 25.0	Stable		a/	Stable		1.0 - 10.0	Stable
Rush	1.0 - 10.0	Up		a/	---		---	---
Russell	10.1 - 25.0	Up		a/	Stable		1.0 - 10.0	Up
Saline	---	Stable		---	---		1.0 - 10.0	Down
Scott	1.0 - 10.0	Down		---	---		---	---
Sedgwick	25.1 - 50.0	Up		a/	Down		1.0 - 10.0	Stable
Shawnee	25.1 - 50.0	Up		1.0 - 10.0	Stable		10.1 - 25.0	Stable
Sheridan	10.1 - 25.0	Stable		a/	Down		1.0 - 10.0	Stable
Sherman	1.0 - 10.0	Up		---	---		a/	Stable
Smith	25.1 - 50.0	Up		a/	Stable		1.0 - 10.0	Stable
Stafford	25.1 - 50.0	Up		---	---		---	Stable
Stanton	a/	Stable		a/	---		---	Down
Stevens	1.0 - 10.0	Up		---	---		---	---
Sumner	25.1 - 50.0	Up		---	Down		1.0 - 10.0	Stable
Thomas	---	Stable		---	---		---	---
Trego	10.1 - 25.0	Up		---	Down		1.0 - 10.0	Up
Wabaunsee	25.1 - 50.0	Stable		1.0 - 10.0	Up		10.1 - 25.0	Stable
Wallace	1.0 - 10.0	Up		---	---		1.0 - 10.0	Stable
Wilson	25.1 - 50.0	Up		a/	Down		10.1 - 25.0	Down
Woodson	10.1 - 25.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Stable
Wyandotte	1.0 - 10.0	Stable		1.0 - 10.0	Stable		---	---

^{1/} Includes lespedaza. a/ Less than 1,000 tons. A number of counties reported small quantities of small grains hay.

Table 34.--Missouri hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Lespedeza		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons		
Adair	25.1 - 50.0	Up		25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Andrew	50.1 - 100.0	Up		1.0 - 10.0	Down	---	---	---	
Atchison	25.1 - 50.0	Stable		1.0 - 10.0	Down	---	---	---	
Audrain	1.0 - 10.0	Up		10.1 - 25.0	Stable		1.0 - 10.0	Down	
Barry	1.0 - 10.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Barton	a/	Stable		a/	Up		1.0 - 10.0	Stable	
Benton	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Bollinger	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Boone	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Buchanan	25.1 - 50.0	Up		1.0 - 10.0	Stable	---	---	---	
Butler	a/	Stable		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Caldwell	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Callaway	1.0 - 10.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Down	
Camden	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Cape Girardeau	1.0 - 10.0	Stable		10.1 - 25.0	Stable		1.0 - 10.0	Stable	
Carroll	25.1 - 50.0	Up		10.1 - 25.0	Down	---	---	---	
Carter	a/	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Cass	25.1 - 50.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down	
Cedar	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Down	
Chariton	10.1 - 25.0	Up		25.1 - 50.0	Up		1.0 - 10.0	Stable	
Christian	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Clark	1.0 - 10.0	Down		10.1 - 25.0	Stable		1.0 - 10.0	Down	
Clay	25.1 - 50.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Clinton	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Cole	1.0 - 10.0	Stable		1.0 - 10.0	Up		1.0 - 10.0	Down	
Cooper	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Down	
Crawford	1.0 - 10.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Up	
Dade	1.0 - 10.0	Up		1.0 - 10.0	Up		a/	Stable	
Dallas	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Daviess	25.1 - 50.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
De Kalb	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down	
Dent	1.0 - 10.0	Up		10.1 - 25.0	Up	---	---	---	
Douglas	10.1 - 25.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Down	
Dunklin	a/	Up		a/	Up	---	---	---	
Franklin	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Gasconade	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Gentry	25.1 - 50.0	Up		10.1 - 25.0	Stable		1.0 - 10.0	Down	
Greene	10.1 - 25.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up	
Grundy	10.1 - 25.0	Stable		10.1 - 25.0	Up		1.0 - 10.0	Down	
Harrison	50.1 - 100.0	Up		25.1 - 50.0	Up		1.0 - 10.0	Down	
Henry	1.0 - 10.0	Up		10.1 - 25.0	Stable		10.1 - 25.0	Up	
Hickory	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Holt	10.1 - 25.0	Down		1.0 - 10.0	Down	---	---	---	
Howell	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	

Table 34.--Missouri hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Lespedeza	
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend
	1,000 tons			1,000 tons			1,000 tons	
Iron	1.0 - 10.0		Stable	1.0 - 10.0		Up	1.0 - 10.0	Stable
Jackson	25.1 - 50.0		Stable	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Jasper	1.0 - 10.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Jefferson	10.1 - 25.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Johnson	10.1 - 25.0		Up	10.1 - 25.0		Down	10.1 - 25.0	Down
Knox	1.0 - 10.0		Up	25.1 - 50.0		Up	1.0 - 10.0	Down
Lafayette	50.1 - 100.0		Up	10.1 - 25.0		Down	1.0 - 10.0	Stable
Lawrence	1.0 - 10.0		Up	1.0 - 10.0		Up	1.0 - 10.0	Stable
Lewis	1.0 - 10.0		Down	10.1 - 25.0		Up	a/	Stable
Lincoln	1.0 - 10.0		Up	10.1 - 25.0		Stable	1.0 - 10.0	Down
Linn	10.1 - 25.0		Up	25.1 - 50.0		Down	1.0 - 10.0	Stable
Livingston	25.1 - 50.0		Up	1.0 - 10.0		Up	1.0 - 10.0	Stable
McDonald	1.0 - 10.0		Down	1.0 - 10.0		Up	1.0 - 10.0	Down
Madison	---		Up	---		Up	1.0 - 10.0	Stable
Maries	1.0 - 10.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Marion	10.1 - 25.0		Up	10.1 - 25.0		Up	1.0 - 10.0	Stable
Mercer	25.1 - 50.0		Up	10.1 - 25.0		Stable	1.0 - 10.0	Stable
Miller	1.0 - 10.0		Up	10.1 - 25.0		Up	1.0 - 10.0	Stable
Mississippi	1.0 - 10.0		Down	---		Down	---	---
Moniteau	1.0 - 10.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Down
Monroc	1.0 - 10.0		Stable	10.1 - 25.0		Stable	1.0 - 10.0	Stable
Montgomery	1.0 - 10.0		Up	10.1 - 25.0		Up	---	Up
Morgan	1.0 - 10.0		Up	1.0 - 10.0		Up	1.0 - 10.0	Down
New Madrid	1.0 - 10.0		Stable	a/		Stable	1.0 - 10.0	Stable
Newton	1.0 - 10.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Nodaway	100.1 - 200.0		Stable	25.1 - 50.0		Stable	a/	Down
Oregon	1.0 - 10.0		Up	1.0 - 10.0		Up	10.1 - 25.0	Up
Ozark	1.0 - 10.0		Up	1.0 - 10.0		Up	1.0 - 10.0	Down
Pemiscot	25.1 - 50.0		Up	---		---	---	---
Perry	10.1 - 25.0		Up	10.1 - 25.0		Up	1.0 - 10.0	Stable
Pettis	10.1 - 25.0		Up	10.1 - 25.0		Stable	1.0 - 10.0	Down
Phelps	10.1 - 25.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Pike	10.1 - 25.0		Up	10.1 - 25.0		Up	1.0 - 10.0	Down
Platte	10.1 - 25.0		Stable	1.0 - 10.0		Stable	---	---
Polk	1.0 - 10.0		Up	1.0 - 10.0		Up	10.1 - 25.0	Stable
Pulaski	1.0 - 10.0		Up	1.0 - 10.0		Up	1.0 - 10.0	Stable
Putnam	25.1 - 50.0		Up	1.0 - 10.0		Stable	a/	Stable
Ralls	1.0 - 10.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Randolph	1.0 - 10.0		Up	10.1 - 25.0		Stable	1.0 - 10.0	Up
Ray	25.1 - 50.0		Up	1.0 - 10.0		Down	1.0 - 10.0	Up
Reynolds	1.0 - 10.0		Up	1.0 - 10.0		Stable	1.0 - 10.0	Stable
Ripley	a/		Up	a/		Stable	a/	Stable
St. Charles	10.1 - 25.0		Up	1.0 - 10.0		Stable	---	---
St. Clair	1.0 - 10.0		Up	1.0 - 10.0		Up	1.0 - 10.0	Stable

Table 34.--Missouri hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Lespedeza		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons		
St. Francois	1.0 - 10.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Ste. Genevieve	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Up	
St. Louis and St. Louis City	1.0 - 10.0	Stable		1.0 - 10.0	Up		---	---	
Saline	25.1 - 50.0	Up		10.1 - 25.0	Stable		1.0 - 10.0	Down	
Schuyler	10.1 - 25.0	Stable		10.1 - 25.0	Up		---	---	
Scotland	10.1 - 25.0	Up		10.1 - 25.0	Stable		1.0 - 10.0	Down	
Scott	1.0 - 10.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down	
Shannon	1.0 - 10.0	Stable		1.0 - 10.0	Down		1.0 - 10.0	Up	
Shelby	1.0 - 10.0	Up		25.1 - 50.0	Up		1.0 - 10.0	Down	
Stoddard	1.0 - 10.0	Down		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Stone	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Sullivan	25.1 - 50.0	Up		25.1 - 50.0	Up		1.0 - 10.0	Stable	
Taney	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Texas	1.0 - 10.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Vernon	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Warren	1.0 - 10.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Washington	1.0 - 10.0	Stable		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Wayne	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up	
Webster	1.0 - 10.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Up	
Worth	25.1 - 50.0	Stable		10.1 - 25.0	Stable		---	---	
Wright	1.0 - 10.0	Up		10.1 - 25.0	Up		10.1 - 25.0	Stable	

a/ Less than 1,000 tons.

Barton, Jasper, and Vernon counties each reported between 10,000 and 20,000 tons of wild hay. Some of the other counties reported small quantities. A number of counties reported small quantities of small grains hay.

Table 35.--Montana hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Small grains hay		Wild hay			
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	Normal	Expected trend		
	1,000 tons			1,000 tons			1,000 tons		1,000 tons			
Beaverhead.....	25.1	- 50.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Stable	100.1	- 200.0	Up
Big Horn.....	50.1	- 100.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Blaine.....	50.1	- 100.0	Up	1.0	- 10.0	Up	---	---	---	10.1	- 25.0	Up
Broadwater.....	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Carbon.....	50.1	- 100.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable
Carter.....	25.1	- 50.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	10.1	- 25.0	Up
Cascade.....	50.1	- 100.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Chouteau.....	10.1	- 25.0	Up	---	---	---	---	---	---	---	---	Stable
Custer.....	25.1	- 50.0	Down	a/	---	Down	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Daniels.....	1.0	- 10.0	Stable	a/	---	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Dawson.....	10.1	- 25.0	Up	a/	---	Up	1.0	- 10.0	Stable	10.1	- 25.0	---
Deer Lodge.....	1.0	- 10.0	Up	1.0	- 10.0	Up	a/	---	Stable	1.0	- 10.0	Up
Fallon.....	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Fergus.....	50.1	- 100.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Flathead.....	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Gallatin.....	100.1	- 200.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Garfield.....	1.0	- 10.0	Up	a/	---	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Up
Glacier.....	1.0	- 10.0	Up	a/	---	Down	1.0	- 10.0	Stable	1.0	- 10.0	Down
Golden Valley....	10.1	- 25.0	Up	a/	---	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Granite.....	10.1	- 25.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Hill.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable	10.1	- 25.0	Up	1.0	- 10.0	Stable
Jefferson.....	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Judith Basin.....	25.1	- 50.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Lake.....	50.1	- 100.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Lewis and Clark..	50.1	- 100.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down
Liberty.....	1.0	- 10.0	Up	a/	---	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down
Lincoln.....	1.0	- 10.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Down	1.0	- 10.0	Down
McCone.....	1.0	- 10.0	Up	---	---	---	1.0	- 10.0	Up	---	---	---
Madison.....	100.1	- 200.0	Stable	10.1	- 25.0	Stable	a/	---	---	10.1	- 25.0	Stable
Meagher.....	10.1	- 25.0	Up	10.1	- 25.0	Stable	a/	---	Stable	10.1	- 25.0	Stable
Mineral.....	1.0	- 10.0	Down	a/	---	Down	a/	---	Down	a/	---	Down
Missoula.....	25.1	- 50.0	Up	10.1	- 25.0	Up	a/	---	Down	1.0	- 10.0	Stable
Musselshell.....	10.1	- 25.0	Up	a/	---	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Park.....	50.1	- 100.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Petroleum.....	10.1	- 25.0	Up	a/	---	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Phillips.....	50.1	- 100.0	Up	a/	---	Down	1.0	- 10.0	Down	10.1	- 25.0	Up
Pondera.....	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Powder River.....	25.1	- 50.0	Stable	a/	---	Stable	a/	---	Stable	1.0	- 10.0	Stable
Powell.....	25.1	- 50.0	Up	25.1	- 50.0	Up	a/	---	Stable	25.1	- 50.0	Up
Prairie.....	10.1	- 25.0	Up	a/	---	---	1.0	- 10.0	---	1.0	- 10.0	---
Ravalli.....	25.1	- 50.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Richland.....	25.1	- 50.0	Stable	a/	---	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Roosevelt.....	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable

Continued --

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Table 35.--Montana hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Small grains hay		Wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons		1,000 tons	
Rosebud.....	25.1 - 50.0	Up	a/	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Sanders.....	10.1 - 25.0	Up	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable
Sheridan.....	1.0 - 10.0	Stable	a/	---	10.1 - 25.0	Up	10.1 - 25.0	Stable
Silver Bow.....	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable
Stillwater.....	25.1 - 50.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Sweet Grass.....	25.1 - 50.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Teton.....	25.1 - 50.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Up
Toole.....	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Treasure.....	10.1 - 25.0	Up	a/	Stable	1.0 - 10.0	Up	a/	Down
Valley.....	25.1 - 50.0	Up	---	---	10.1 - 25.0	Up	10.1 - 25.0	Up
Wheatland.....	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Up
Wibaux.....	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Yellowstone.....	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable

a/ Less than 1,000 tons.

Table 36.—Idaho hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Small grains hay		Wild hay					
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend				
	1,000 tons		1,000 tons		1,000 tons		1,000 tons					
Ada	100.1	- 200.0	Stable	1.0	-- 10.0	Stable	a/	Stable	a/	Stable		
Adams	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Bear Lake	25.1	- 50.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Down	25.1	- 50.0	Up
Benewah	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/	Stable	1.0	- 10.0	Stable	
Bingham	100.1	- 200.0	Stable	1.0	- 10.0	Down	a/	---	1.0	- 10.0	Down	
Blaine	50.1	- 100.0	Up	1.0	- 10.0	Stable	a/	Stable	a/	Stable	Down	
Bonner	10.1	- 25.0	Up	10.1	- 25.0	Up	---	---	---	---	---	
Boundary	10.1	- 25.0	Up	1.0	- 10.0	Down	a/	---	1.0	- 10.0	---	
Butte	25.1	- 50.0	Up	a/	Down	a/	Stable	a/	Stable	Stable		
Camas	25.1	- 50.0	Up	a/	Stable	a/	Stable	1.0	- 10.0	Stable		
Canyon	100.1	- 200.0	Up	1.0	- 10.0	Stable	a/	Stable	a/	Stable		
Caribou	50.1	- 100.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down
Cassia	200.1	- 400.0	Stable	---	---	a/	---	1.0	- 10.0	Stable		
Clark	10.1	- 25.0	Up	1.0	- 10.0	Stable	a/	Down	a/	Down		
Clearwater	1.0	- 10.0	Up	1.0	- 10.0	Up	a/	Stable	a/	Stable		
Custer	25.1	- 50.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Up	1.0	- 10.0	Stable
Elmore	25.1	- 50.0	Up	---	---	Stable	a/	Stable	---	---	Stable	
Franklin	50.1	- 100.0	Stable	1.0	- 10.0	Stable	a/	Stable	1.0	- 10.0	---	
Fremont	25.1	- 50.0	Stable	1.0	- 10.0	Stable	a/	Stable	a/	Stable		
Gem	25.1	- 50.0	Stable	1.0	- 10.0	Stable	a/	Stable	---	---	Stable	
Idaho	25.1	- 50.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Jefferson	100.1	- 200.0	Up	a/	Stable	a/	Stable	a/	Stable	Stable		
Jerome	100.1	- 200.0	Stable	---	---	---	---	---	---	---		
Kootenai	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down	a/	Stable	
Latah	25.1	- 50.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/	Stable	
Lemhi	25.1	- 50.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Lewis	1.0	- 10.0	Stable	1.0	- 10.0	Stable	a/	Down	a/	Stable		
Madison	25.1	- 50.0	Stable	a/	---	a/	---	a/	---	---		
Minidoka	50.1	- 100.0	Down	a/	Stable	a/	Stable	---	---	---		
Nez Perce	10.1	- 25.0	Stable	1.0	- 10.0	Stable	---	---	a/	---		
Oneida	50.1	- 100.0	Stable	---	---	1.0	- 10.0	Stable	1.0	- 10.0	Stable	
Payette	50.1	- 100.0	Stable	1.0	- 10.0	Stable	a/	Stable	a/	Stable		
Power	25.1	- 50.0	Up	a/	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	
Teton	10.1	- 25.0	Stable	1.0	- 10.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Up
Twin Falls	200.1	- 400.0	Stable	1.0	- 10.0	Stable	a/	Stable	1.0	- 10.0	Stable	
Valley	1.0	- 10.0	Stable	1.0	- 10.0	Up	a/	Down	a/	Stable		
Washington	50.1	- 100.0	Stable	1.0	- 10.0	Down	---	---	a/	---		

a/ Less than 1,000 tons.

Table 37.--Wyoming hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Wild hay		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons		
Albany.....	1.0 - 10.0	Up		1.0 - 10.0	Up		---		Stable
Big Horn.....	50.1 - 100.0	Up		1.0 - 10.0	Stable		a/		Stable
Campbell.....	10.1 - 25.0	Stable		1.0 - 10.0	Down		1.0 - 10.0		Up
Carbon.....	10.1 - 25.0	Stable	25.1 - 50.0	25.1 - 50.0	Up		50.1 - 100.0		Up
Converse.....	25.1 - 50.0	Up		1.0 - 10.0	Stable		1.0 - 10.0		Up
Crook.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0		Stable
Fremont.....	50.1 - 100.0	Up		1.0 - 10.0	Stable		1.0 - 10.0		Down
Goshen.....	50.1 - 100.0	Up		1.0 - 10.0	Stable		1.0 - 10.0		Up
Hot Springs.....	10.1 - 25.0	Stable		a/	Stable		1.0 - 10.0		Stable
Johnson.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable		a/		---
Laramie.....	1.0 - 10.0	Up		1.0 - 10.0	Up		10.1 - 25.0		Up
Lincoln.....	50.1 - 100.0	Up		1.0 - 10.0	Down		10.1 - 25.0		Stable
Natrona.....	10.1 - 25.0	Down		a/	Stable		1.0 - 10.0		Stable
Niobrara.....	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0		Up
Park.....	50.1 - 100.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0		Stable
Platte.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable		10.1 - 25.0		Stable
Sheridan.....	50.1 - 100.0	Up	10.1 - 25.0	10.1 - 25.0	Up		1.0 - 10.0		Stable
Sweetwater.....	10.1 - 25.0	Up		1.0 - 10.0	Stable		1.0 - 10.0		Stable
Teton.....	10.1 - 25.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0		Stable
Uinta.....	1.0 - 10.0	Stable	25.1 - 50.0	25.1 - 50.0	Up		10.1 - 25.0		Up
Washakie.....	25.1 - 50.0	Stable		1.0 - 10.0	Up		a/		Down
Weston.....	10.1 - 25.0	Up		1.0 - 10.0	Up		1.0 - 10.0		Stable

a/ Less than 1,000 tons.

Table 38.--Utah hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Wild hay		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons		
Beaver	25.1 - 50.0	Up		1.0 - 10.0	Up		a/	Stable	
Cache	100.1 - 200.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Carbon	10.1 - 25.0	Stable		a/	Stable		---	---	
Daggett	1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up	
Davis	25.1 - 50.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Down	
Duchesne.....	50.1 - 100.0	Stable		1.0 - 10.0	Down		1.0 - 10.0	Stable	
Emery	25.1 - 50.0	Up		a/	Stable		1.0 - 10.0	Stable	
Garfield	10.1 - 25.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Grand	1.0 - 10.0	Stable		---	---		a/	Stable	
Iron	25.1 - 50.0	Up		a/	Stable		a/	Stable	
Juab	10.1 - 25.0	Up		a/	Up		1.0 - 10.0	Stable	
Kane	1.0 - 10.0	Stable		a/	Stable		---	Down	
Millard	50.1 - 100.0	Stable		a/	Stable		1.0 - 10.0	Stable	
Morgan	10.1 - 25.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0	Down	
Piute	10.1 - 25.0	Up		a/	Up		1.0 - 10.0	Down	
Rich	10.1 - 25.0	Stable		1.0 - 10.0	Stable		25.1 - 50.0	Up	
Salt Lake	50.1 - 100.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
San Juan	1.0 - 10.0	Stable		---	---		---	Stable	
Sanpete	50.1 - 100.0	Up		1.0 - 10.0	Down		10.1 - 25.0	Up	
Sevier	25.1 - 50.0	Down		a/	Stable		a/	Stable	
Summit	10.1 - 25.0	Stable		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Tooele.....	10.1 - 25.0	Stable		a/	Stable		1.0 - 10.0	Stable	
Uintah	25.1 - 50.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Utah	50.1 - 100.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Wasatch	25.1 - 50.0	Up		1.0 - 10.0	Up		a/	Stable	
Washington	10.1 - 25.0	Stable		a/	Down		a/	Down	
Wayne	10.1 - 25.0	Up		1.0 - 10.0	Up		a/	Down	
Weber	25.1 - 50.0	Down		1.0 - 10.0	Stable		a/	Stable	

a/ Less than 1,000 tons.
Most counties reported small quantities of small grains hay.

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Table 39.--Colorado hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Wild hay	
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend
	1,000 tons		1,000 tons		1,000 tons	
Alamosa	10.1 - 25.0	Stable	a/ a/	Stable	1.0 - 10.0	Stable
Arapahoe	1.0 - 10.0	Down	a/ a/	Stable	1.0 - 10.0	Stable
Archuleta	1.0 - 10.0	Up	1.0 - 10.0	Up	---	---
Baca	1.0 - 10.0	Up	---	---	a/	Stable
Boulder	50.1 - 100.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Stable
Chaffee	10.1 - 25.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Down
Conejos	25.1 - 50.0	Stable	1.0 - 10.0	Down	10.1 - 25.0	Stable
Costilla	1.0 - 10.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Stable
Crowley	25.1 - 50.0	Stable	a/	---	---	---
Custer	1.0 - 10.0	Down	10.1 - 25.0	Stable	---	---
Delta	25.1 - 50.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable
Dolores	a/	Up	a/	Up	---	---
Douglas	10.1 - 25.0	Up	1.0 - 10.0	Up	---	---
Eagle	25.1 - 50.0	Stable	10.1 - 25.0	Stable	a/	Stable
Elbert	10.1 - 25.0	Up	a/	Stable	1.0 - 10.0	Stable
El Paso	10.1 - 25.0	Stable	a/	Stable	1.0 - 10.0	Stable
Fremont	10.1 - 25.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up
Garfield	50.1 - 100.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Grand	a/	---	25.1 - 50.0	---	1.0 - 10.0	---
Gunnison	1.0 - 10.0	Stable	25.1 - 50.0	Up	10.1 - 25.0	Stable
Hinsdale	a/	---	1.0 - 10.0	Up	1.0 - 10.0	Stable
Huerfano	10.1 - 25.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Stable
Jefferson	1.0 - 10.0	Down	1.0 - 10.0	Stable	a/	Stable
Kiowa	1.0 - 10.0	Up	a/	---	a/	---
Kit Carson	1.0 - 10.0	Up	a/	---	1.0 - 10.0	Stable
La Plata	10.1 - 25.0	Up	1.0 - 10.0	Up	a/	Stable
Larimer	50.1 - 100.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Las Animas	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Lincoln	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable
Mesa	50.1 - 100.0	Stable	1.0 - 10.0	Up	---	---
Mineral	---	---	a/	Stable	---	---
Montrose	50.1 - 100.0	Stable	a/	Down	1.0 - 10.0	Down
Morgan	50.1 - 100.0	Stable	a/	Stable	1.0 - 10.0	Stable
Otero	50.1 - 100.0	Up	---	---	---	---
Ouray	1.0 - 10.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Park	a/	Down	1.0 - 10.0	Down	10.1 - 25.0	Down
Pitkin	10.1 - 25.0	Stable	1.0 - 10.0	Stable	---	---
Prowers	100.1 - 200.0	Up	a/	Stable	---	---
Pueblo	25.1 - 50.0	Stable	1.0 - 10.0	Stable	---	---

Continued --

Table 39.--Colorado hay: Normal production and expected trends, by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Wild hay	
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend
	1,000 tons			1,000 tons			1,000 tons	
Rio Blanco	10.1 - 25.0	Up		10.1 - 25.0	Up		1.0 - 10.0	Up
Rio Grande	25.1 - 50.0	Down		1.0 - 10.0	Stable		1.0 - 10.0	Stable
Routt	10.1 - 25.0	Up		50.1 - 100.0	Stable		1.0 - 10.0	Up
Saguache	10.1 - 25.0	Stable		1.0 - 10.0	Stable		10.1 - 25.0	Stable
San Miguel	1.0 - 10.0	Stable		a/	Stable		---	---
Sedgwick	1.0 - 10.0	Stable		a/	---		1.0 - 10.0	Stable
Summit	---			1.0 - 10.0	Down		---	---
Teller	a/	Stable		a/	Stable		1.0 - 10.0	Stable
Washington	10.1 - 25.0	Stable		a/	Stable		1.0 - 10.0	Stable
Weld	200.1 - 400.0	Stable		1.0 - 10.0	Down		10.1 - 25.0	Stable
Yuma	10.1 - 25.0	Up		a/	Stable		a/	Stable

A number of counties reported small quantities of small grains hay. a/ Less than 1,000 tons.

Table 40.--Arizona hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Small grains hay			Wild hay	
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend
	1,000 tons			1,000 tons			1,000 tons	
Apache	1.0 - 10.0	Stable		1.0 - 10.0	Stable		a/	Stable
Cochise	50.1 - 100.0	Down		1.0 - 10.0	Stable		1.0 - 10.0	Stable
Coconino	1.0 - 10.0	Stable		1.0 - 10.0	---		a/	Stable
Gila	1.0 - 10.0	Stable		a/	Stable		---	---
Graham	10.1 - 25.0	Stable		a/	Stable		---	---
Greenlee	1.0 - 10.0	Stable		a/	Stable		---	---
Maricopa	400.1 & up	Up		10.1 - 25.0	Stable		a/	Stable
Mohave	10.1 - 25.0	Stable		a/	Stable		a/	Stable
Navajo	10.1 - 25.0	Up		a/	Stable		---	---
Pima	10.1 - 25.0	Stable		a/	Stable		a/	Stable
Pinal	50.1 - 100.0	Down		1.0 - 10.0	Stable		---	---
Santa Cruz	1.0 - 10.0	Stable		1.0 - 10.0	Stable		a/	Stable
Yavapai	10.1 - 25.0	Up		1.0 - 10.0	Stable		a/	Stable
Yuma	100.1 - 200.0	Up		1.0 - 10.0	Stable		a/	Stable

a/ Less than 1,000 tons.

Table 41.--New Mexico hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Expected trend	Clover, timothy and grass hays <u>1/</u>		Expected trend	Small grains hay	
	Normal	1,000 tons		Normal	1,000 tons		Normal	1,000 tons
Bernalillo	10.1	25.0	Down	---	---	---	---	---
Catron	1.0	10.0	Stable	1.0	10.0	Stable	---	---
Chaves	100.1	200.0	Stable	---	---	---	1.0	10.0
Colfax	25.1	50.0	Up	10.1	25.0	Stable	10.1	25.0
Curry	1.0	10.0	Up	---	---	---	---	---
De Baca	10.1	25.0	Stable	---	---	---	a/	---
Dona Ana	100.1	200.0	Stable	---	---	---	a/	---
Eddy	100.1	200.0	Stable	---	---	---	a/	---
Grant	1.0	10.0	Down	---	---	---	a/	---
Guadalupe	1.0	10.0	Up	a/	Stable	---	---	---
Lea	10.1	25.0	Stable	a/	---	---	1.0	10.0
Lincoln	1.0	10.0	Stable	1.0	10.0	---	a/	---
Luna	1.0	10.0	Stable	---	---	---	1.0	10.0
McKinley	1.0	10.0	Stable	---	---	---	1.0	10.0
Mora	1.0	10.0	Stable	1.0	10.0	Down	a/	Stable
Otero	1.0	10.0	Stable	---	---	---	a/	---
Quay	10.1	25.0	Up	---	---	---	---	---
Rio Arriba	1.0	10.0	Up	1.0	10.0	Up	a/	Stable
Roosevelt	10.1	25.0	Stable	---	---	---	---	---
Sandoval	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0
San Juan	25.1	50.0	Stable	a/	---	---	a/	---
San Miguel	1.0	10.0	Down	1.0	10.0	Up	1.0	10.0
Santa Fe	1.0	10.0	Up	1.0	10.0	Up	1.0	10.0
Sierra	1.0	10.0	Stable	---	---	---	---	---
Socorro	10.1	25.0	Up	---	---	---	a/	---
Taos	10.1	25.0	Stable	1.0	10.0	Up	a/	---
Torrance	10.1	25.0	Up	1.0	10.0	Up	a/	Stable
Union	1.0	10.0	Stable	1.0	10.0	Stable	a/	---
Valencia	25.1	50.0	Stable	a/	Stable	---	1.0	10.0

a/ Less than 1,000 tons.

1/ Includes wild hay.

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Table 42.--Washington hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Small grains hay		Wild hay		
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		
Adams.....	25.1	- 50.0	Up	a/	Stable	1.0 - 10.0	Stable	---	---
Asotin.....	1.0	- 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	---	---
Benton.....	25.1	- 50.0	Down	a/	Stable	---	---	---	---
Chelan.....	1.0	- 10.0	Stable	a/	Stable	a/	Stable	---	---
Clallam.....	10.1	- 25.0	Stable	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Stable
Cowlitz.....	1.0	- 10.0	Up	1.0 - 10.0	Stable	a/	Down	1.0 - 10.0	Down
Franklin.....	100.1	- 200.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---
Garfield.....	1.0	- 10.0	Stable	---	Down	1.0 - 10.0	Stable	---	---
Grant.....	400.1	- & up	Up	1.0 - 10.0	Up	1.0 - 10.0	Stable	---	---
Grays Harbor.....	a/		Stable	10.1 - 25.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Down
Island.....	1.0	- 10.0	Stable	1.0 - 10.0	Down	---	---	---	---
King.....	1.0	- 10.0	Down	10.1 - 25.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Kitsap.....	a/		Up	1.0 - 10.0	Stable	---	---	1.0 - 10.0	Stable
Klickitat.....	25.1	- 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Lewis.....	1.0	- 10.0	Up	25.1 - 50.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Lincoln.....	10.1	- 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Mason.....	a/		Down	1.0 - 10.0	---	---	---	---	---
Okanogan.....	50.1	- 100.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Stable
Pacific.....	---		---	1.0 - 10.0	Up	---	---	1.0 - 10.0	Up
Pend Oreille.....	1.0	- 10.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Down	1.0 - 10.0	Down
Skagit.....	1.0	- 10.0	Up	25.1 - 50.0	Stable	1.0 - 10.0	Stable	---	---
Skamania.....	1.0	- 10.0	Stable	1.0 - 10.0	Up	---	---	a/	Stable
Snohomish.....	a/		Stable	25.1 - 50.0	Down	1.0 - 10.0	Down	1.0 - 10.0	Down
Spokane.....	50.1	- 100.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Stevens.....	50.1	- 100.0	Up	---	Down	---	Down	---	Down
Thurston.....	1.0	- 10.0	Up	10.1 - 25.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Down
Wahkiakum.....	---		---	1.0 - 10.0	Down	---	---	---	---
Walla Walla.....	1.0	- 10.0	Stable	a/	Stable	1.0 - 10.0	Stable	---	---
Whatcom.....	1.0	- 10.0	Up	50.1 - 100.0	Stable	1.0 - 10.0	Down	1.0 - 10.0	Down
Whitman.....	25.1	- 50.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable	---	---

a/ Less than 1,000 tons.

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USDA STATISTICAL BULLETINS

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HAY IN THE UNITED STATES

QUANTITIES GROWN IN A NORMAL YEAR

SURPLUS

DEMOLFE, H. R.

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Table 43.--Oregon hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Small grains hay		Wild hay					
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend				
	1,000 tons		1,000 tons		1,000 tons		1,000 tons					
Benton.....	10.1	- 25.0	Up	1.0	- 10.0	Up	a/	Down	1.0	- 10.0	Up	
Clatsop.....		a/	---	1.0	- 10.0	Stable	a/	Stable	1.0	- 10.0	Down	
Columbia.....	1.0	- 10.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Down
Coos.....		a/	Stable	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Crook.....	50.1	- 100.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Curry.....		a/	Stable	1.0	- 10.0	Stable		a/	Stable	---	---	---
Deschutes.....	50.1	- 100.0	Up	1.0	- 10.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Stable
Douglas.....	10.1	- 25.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Gilliam.....	1.0	- 10.0	Stable		a/	Stable	1.0	- 10.0	Stable	---	---	Stable
Grant.....	10.1	- 25.0	Up	10.1	- 25.0	Stable	10.1	- 25.0	Down	10.1	- 25.0	Stable
Harney.....	25.1	- 50.0	Up	1.0	- 10.0	Up	---	---	50.1	- 100.0	Up	
Hood River.....	1.0	- 10.0	Stable	1.0	- 10.0	Stable		a/	Stable		a/	Stable
Jackson.....	25.1	- 50.0	Up	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Jefferson.....	25.1	- 50.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable		a/	Stable
Josephine.....	1.0	- 10.0	Stable	10.1	- 25.0	Stable	1.0	- 10.0	Stable		a/	Stable
Klamath.....	100.1	- 200.0	Up	10.1	- 25.0	Stable	10.1	- 25.0	Stable	10.1	- 25.0	Stable
Lake.....	25.1	- 50.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	50.1	- 100.0	Stable
Lane.....	1.0	- 10.0	Up	25.1	- 50.0	Up	1.0	- 10.0	Up	1.0	- 10.0	Stable
Lincoln.....		---	---	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Down
Linn.....	1.0	- 10.0	Up	10.1	- 25.0	Up	1.0	- 10.0	Down	1.0	- 10.0	Down
Malheur.....	100.1	- 200.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable	10.1	- 25.0	Stable
Marion.....	10.1	- 25.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Down
Morrow.....	25.1	- 50.0	Stable		a/	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Multnomah.....	1.0	- 10.0	---	10.1	- 25.0	---		a/	---	1.0	- 10.0	---
Polk.....	1.0	- 10.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable		a/	Down
Sherman.....	1.0	- 10.0	Up		---	---	1.0	- 10.0	Stable		a/	Stable
Tillamook.....		---	---	1.0	- 10.0	Up		a/	Stable	1.0	- 10.0	Down
Umatilla.....	50.1	- 100.0	Stable		a/	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down
Union.....	50.1	- 100.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Wallowa.....	25.1	- 50.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Down	1.0	- 10.0	Stable
Wasco.....	25.1	- 50.0	Stable	1.0	- 10.0	Stable	---	---	---	---	---	---
Wheeler.....	10.1	- 25.0	Up	1.0	- 10.0	Stable	1.0	- 10.0	Stable	1.0	- 10.0	Stable
Yamhill.....	1.0	- 10.0	Up	10.1	- 25.0	Stable	1.0	- 10.0	Stable		a/	Stable

A number of counties reported small quantities of vetch or pea hay and mixtures.

Table 44.--California hay: Normal production and expected trends by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures		Clover, timothy and grass hays		Small grains and wild oats hay		Wild hay		
	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	Normal	Expected trend	
	1,000 tons		1,000 tons		1,000 tons		1,000 tons		
Alpine.....	1.0	- 10.0	Stable	a/	Stable	---	---	a/	Stable
Amador.....	1.0	- 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable
Calaveras.....	1.0	- 10.0	Stable	1.0 - 10.0	Up	a/	Up	a/	Up
Contra Costa.....	10.1	- 25.0	Down	1.0 - 10.0	Down	10.1 - 25.0	Down	1.0 - 10.0	Down
Del Norte.....	a/	Stable	1.0 - 10.0	Stable	a/	Stable	a/	Stable	Stable
Eldorado.....	---	---	1.0 - 10.0	Up	a/	Down	a/	Down	Down
Fresno.....	400.1	- & up	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable
Glenn.....	50.1	- 100.0	Up	1.0 - 10.0	Stable	---	Stable	---	Stable
Humboldt.....	1.0	- 10.0	Stable	10.1 - 25.0	Down	1.0 - 10.0	Stable	1.0 - 10.0	Down
Inyo.....	1.0	- 10.0	Stable	1.0 - 10.0	Stable	a/	Stable	a/	Stable
Kern.....	400.1	- & up	Up	---	---	1.0 - 10.0	Up	---	---
Kings.....	200.1	- 400.0	Up	a/	---	1.0 - 10.0	Up	a/	---
Lake.....	1.0	- 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	a/	Stable
Lassen.....	25.1	- 50.0	Up	1.0 - 10.0	Up	1.0 - 10.0	Down	25.1 - 50.0	Stable
Los Angeles.....	200.1	- 400.0	Stable	a/	Stable	10.1 - 25.0	Stable	a/	Stable
Madera.....	200.1	- 400.0	Stable	a/	Stable	1.0 - 10.0	Up	a/	---
Marin.....	a/	Stable	Stable	a/	Stable	1.0 - 10.0	Down	a/	Stable
Mariposa.....	a/	Up	Up	a/	Up	a/	Up	a/	Stable
Mendocino.....	1.0	- 10.0	Stable	1.0 - 10.0	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Stable
Merced.....	200.1	- 400.0	Up	1.0 - 10.0	Stable	10.1 - 25.0	Stable	a/	Down
Modoc.....	25.1	- 50.0	Up	25.1 - 50.0	Up	1.0 - 10.0	Stable	25.1 - 50.0	Stable
Mono.....	1.0	- 10.0	Stable	1.0 - 10.0	Stable	---	Stable	a/	Stable
Napa.....	1.0	- 10.0	Down	1.0 - 10.0	Stable	10.1 - 25.0	Stable	a/	Down
Nevada.....	a/	Down	Down	1.0 - 10.0	Down	1.0 - 10.0	Down	a/	Down
Orange.....	1.0	- 10.0	Down	a/	Stable	1.0 - 10.0	Stable	---	---
Placer.....	1.0	- 10.0	Stable	1.0 - 10.0	Up	1.0 - 10.0	Up	a/	Stable
Plumas.....	1.0	- 10.0	Up	1.0 - 10.0	Stable	1.0 - 10.0	Stable	1.0 - 10.0	Stable
Riverside.....	200.1	- 400.0	Up	a/	Stable	10.1 - 25.0	Stable	a/	Down
Sacramento.....	50.1	- 100.0	Stable	10.1 - 25.0	Up	10.1 - 25.0	Down	1.0 - 10.0	Down
San Benito.....	10.1	- 25.0	Stable	a/	Stable	10.1 - 25.0	Stable	1.0 - 10.0	Stable
San Bernardino.....	100.1	- 200.0	Up	1.0 - 10.0	Stable	10.1 - 25.0	Stable	---	Stable
San Diego.....	25.1	- 50.0	Down	a/	Stable	1.0 - 10.0	Stable	---	---
San Luis Obispo.....	50.1	- 100.0	Stable	a/	Down	50.1 - 100.0	Stable	1.0 - 10.0	Down
San Mateo.....	---	Stable	Stable	a/	Stable	1.0 - 10.0	Down	a/	Stable
Santa Barbara.....	50.1	- 100.0	Up	a/	---	10.1 - 25.0	Stable	a/	---
Santa Clara.....	1.0	- 10.0	Down	1.0 - 10.0	Stable	10.1 - 25.0	Down	1.0 - 10.0	Stable
Santa Cruz.....	---	Down	Down	a/	Down	1.0 - 10.0	Down	a/	Down
Shasta.....	10.1	- 25.0	Stable	---	---	1.0 - 10.0	Stable	10.1 - 25.0	Stable
Sierra.....	1.0	- 10.0	Up	1.0 - 10.0	Stable	a/	Stable	1.0 - 10.0	Down

Continued--

Table 44.--California hay: Normal production and expected trends by principal kinds of hay--Continued

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Small grains and wild oats hay			Wild hay		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons			1,000 tons		
Siskiyou.....	100.1 - 200.0	Stable		10.1 - 25.0	Stable		10.1 - 25.0	Down		1.0 - 10.0	Stable	
Solano.....	50.1 - 100.0	Stable		1.0 - 10.0	Down		10.1 - 25.0	Down		1.0 - 10.0	Down	
Sonoma.....	1.0 - 10.0	Down		1.0 - 10.0	Down		25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Stanislaus.....	400.1 - & up	Stable		---	---		25.1 - 50.0	Stable		1.0 - 10.0	Stable	
Sutter.....	50.1 - 100.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable	
Tehama.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0	Stable		a/	Stable	
Trinity.....	1.0 - 10.0	Stable		a/	Stable		a/	Stable		a/	Stable	
Tulare.....	400.1 - & up	Up		---	---		10.1 - 25.0	Up		1.0 - 10.0	Stable	
Tuolumne.....	a/	Stable		a/	Stable		a/	Stable		a/	Stable	
Ventura.....	1.0 - 10.0	Stable		a/	Stable		1.0 - 10.0	Stable		a/	Stable	
Yolo.....	200.1 - 400.0	Up		a/	Down		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Yuba.....	10.1 - 25.0	Down		1.0 - 10.0	Up		1.0 - 10.0	Up		a/	Stable	

a/ Less than 1,000 tons.

Table 45.--Nevada hay: Normal production and expected trends, by principal kinds of hay

County	Alfalfa, alfalfa and grass mixtures			Clover, timothy and grass hays			Small grains hay			Wild hay		
	Normal	Expected trend		Normal	Expected trend		Normal	Expected trend		Normal	Expected trend	
	1,000 tons			1,000 tons			1,000 tons			1,000 tons		
Churchill.....	50.1 - 100.0	Up		a/	Stable		1.0 - 10.0	Stable		a/	---	
Clark.....	10.1 - 25.0	Stable		a/	Up		a/	Stable		a/	---	
Douglas.....	25.1 - 50.0	Stable		1.0 - 10.0	Stable		a/	Stable		1.0 - 10.0	Stable	
Elko.....	10.1 - 25.0	Up		25.1 - 50.0	Up		a/	Stable		50.1 - 100.0	Stable	
Esmeralda.....	1.0 - 10.0	Up		---	Up		a/	Up		---	---	
Eureka.....	1.0 - 10.0	Up		1.0 - 10.0	Up		a/	Up		1.0 - 10.0	Up	
Humboldt.....	10.1 - 25.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Up		10.1 - 25.0	Stable	
Lander.....	1.0 - 10.0	Stable		1.0 - 10.0	Stable		a/	Up		1.0 - 10.0	Stable	
Lincoln.....	10.1 - 25.0	Up		1.0 - 10.0	Up		1.0 - 10.0	Stable		1.0 - 10.0	Down	
Lyon.....	50.1 - 100.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Mineral.....	1.0 - 10.0	Stable		---	---		a/	---		---	---	
Nye.....	1.0 - 10.0	Up		a/	---		a/	Stable		1.0 - 10.0	Stable	
Ormsby.....	a/	Down		a/	Down		a/	Down		a/	Stable	
Pershing.....	50.1 - 100.0	Stable		a/	Stable		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
Washoe.....	10.1 - 25.0	Stable		1.0 - 10.0	Down		1.0 - 10.0	Stable		1.0 - 10.0	Stable	
White Pine.....	10.1 - 25.0	Up		1.0 - 10.0	Stable		a/	Up		1.0 - 10.0	Stable	

a/ Less than 1,000 tons.

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END