

84 ST

19611

UNITED STATES DEPARTMENT OF AGRICULTURE  
STATISTICAL BULLETIN NO. 11

WASHINGTON, D. C.



APRIL, 1925

## HAY AND FEED STATISTICS

Year Ended December 31, 1924  
With Comparable Data for Earlier Years

*Prepared by the Bureau of Agricultural Economics*

### CONTENTS

	Page
Introduction . . . . .	1-3
Hay . . . . .	3-85
Acreage, Yield per Acre, Production . . . . .	3-44
Farm Stocks, Receipts, Shipments . . . . .	45-55
Exports and Imports . . . . .	56
Prices Paid to Producers . . . . .	56-63
Hay and Straw Market Prices . . . . .	63-85
Feed . . . . .	85-112
Market Prices . . . . .	85, 109
Bran and Cottonseed Meal, Prices Paid by Farmers . . . . .	90, 93
Freight Tonnage and Freight Rates . . . . .	110-112



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1925

## ANNOUNCEMENT

THIS is No. 11 of a series of statistical bulletins published by the United States Department of Agriculture. This series is intended to include statistics on cold-storage holdings of certain food products; statistics on horses, mules, and motor vehicles; sheep, lamb, mutton, and wool; vegetables; seeds; fruits; potatoes; shipments and unloads of fruits and vegetables; wheat; tobacco; rye, oats, barley, rice, buckwheat, grain sorghum, and flax; cotton; hay and feed; cattle, calves, beef, veal, hides, and skins; hogs and pork; corn; dairy and poultry products.

UNITED STATES DEPARTMENT OF AGRICULTURE  
STATISTICAL BULLETIN NO. 11

WASHINGTON, D. C.



APRIL, 1925

## HAY AND FEED STATISTICS

Year Ended December 31, 1924

With Comparable Data for Earlier Years

*Prepared by the Bureau of Agricultural Economics<sup>1</sup>*

### INTRODUCTION

This bulletin contains statistics on the acreage, yield per acre, production, stocks, trade movements, receipts, and shipments of hay; and on prices, and freight rates of hay and feed.

### HAY

Acreage, yield per acre, production, farm price, farm value, and stocks of hay in the United States are from the Division of Crop and Livestock Estimates. This division collects the data from three main sources: (a) Voluntary township reporters who report for their immediate locality; (b) voluntary county reporters who report for their county; (c) salaried agricultural statisticians for each State, each with a corps of voluntary field aides. These agencies report acreage data on tame hay as of June 1, wild hay July 1, final acreage report December 1, and condition of the crop as of May 1, June 1, July 1, and August 1, and yield per acre as of October 1. Prices to producers as of the first of each month have been furnished by county, township, and special reporters.

On March 1 and May 1 the voluntary county and township reporters report on stocks on farms, and on March 1 on percentage of crop shipped out or to be shipped out of country where grown. Agricultural statisticians conduct similar independent inquiries, and from the information gathered report on the same items.

The various reports are compiled in Washington into separate averages for each State. These are released by the bureau to the

<sup>1</sup> Prepared under the direction of James J. Window, Mrs. June A. Hodgkins, and Lewis B. Flohr, Division of Statistical and Historical Research.

public on dates previously arranged. The preliminary estimate of yield per acre and total production based on acreage as reported May 1 and estimated yield per acre as reported September 1 (October 1 in 1923) is released in September (October, 1923). The final estimate of production for the year, based on harvested acreage and yield per acre, reported as of December 1, is released about the middle of December. Any revisions of the data for the year immediately preceding are also made in December.

The decennial census data on acreage, compiled by the Census Bureau from enumerations on all farms of the country, are the basis of the estimates on that item. It should be noted, however, that, due to the effects of the World War, it was very difficult for the Census Bureau to obtain qualified enumerators for the 1920 census. This caused some rather well-defined deficiencies statistically; where the figures of the Division of Crop and Livestock Estimates for 1919 show divergence from the census figures it is on the basis of careful checking and revision, using for that purpose enumerations made by assessors and data from State departments of agriculture.

Production costs and requirements data were obtained from various bulletins issued by the agricultural experiment stations on the cost of production.

The tables showing receipts and shipments are compiled from commercial sources.

The exports and imports data are compiled by the International Trade Unit from the records of the Bureau of Foreign and Domestic Commerce, Department of Commerce.

Market prices of hay are compiled from information secured by the reporting service of the Hay, Feed, and Seed Division, and from commercial sources.

The car loadings and the freight rates are supplied by the Interstate Commerce Commission.

#### FEED

The statistics on feeds are compiled from the information obtained by the reporting service of the Hay, Feed, and Seed Division and from commercial sources.

#### LIMITATIONS AND QUALIFICATIONS

These statistics, like any others, should be used strictly within their limitations. The reports of the Division of Crop and Livestock Estimates on acreage, production, etc., should be used just for what they purport to be, that is estimates, because it is not possible to get mathematical accuracy when vast volumes of data and quantities are involved. For example: The hay shipped out of a county where grown should not be construed as an absolute quantity; it is in answer to the question as to how much hay has been or is to be shipped out of the county where grown, thus presumably entering into commercial movement. An absolute enumeration of such data, even though the large amount of funds necessary were provided, would be practically impossible to obtain with final mathematical accuracy. The Census Bureau enumeration of hay sold or to be sold is perhaps not far from hay "sold out of county where grown," for the United States.

Hay is a bulky commodity and is not shipped long distances, like wheat for instance. The geographic distribution of hay production is such that the receipts at the markets included in this report can not be used as a dependable index of the entire hay movement, especially since increased freight rates necessitate shipments as nearly direct from producing section to consuming locality as possible.

Except to a very limited extent the receipts of hay have not been reported by kinds so that it is not safe to assume that heavy receipts indicate that the individual interested in any particular description of hay would have reason to suppose that that particular kind of hay is moving in relatively as large quantities as hay in general. It should also be noted that usually receipts of straw are not segregated from hay. This, however, does not affect all markets alike, but in no case does it exceed about 5 per cent of all receipts.

Farm prices of hay should not be presumed to be entirely comparable with market prices because of the fact that prices reported as paid to producers include sales made to near-by consumers, which are usually at a somewhat higher rate than when selling in larger quantities for shipment to a city market; market prices of hay being averages of quotations without reference to quantities sold at the different prices should not be construed too literally as representing the absolute level of the market; they are useful to show trends. This observation applies also to the averages of feed price quotations.

The foregoing facts and the limitations named in connection with several tables should be kept in mind in using these statistics.

TABLE 1.—*Hay (tame): Acreage, production, value, exports, etc., United States 1839–1924*

Calendar year	Acre- age	Aver- age yield per acre	Pro- duc- tion	Aver- age farm price per ton Dec. 1	Farm value Dec. 1	Value per acre Dec. 1	Chicago prices No. 1 timothy per ton by carload lots				Domestic ex- ports, fiscal year begin- ning July 1	Im- ports, fiscal year begin- ning July 1		
							Decem- ber		Follow- ing May					
							Low	High	Low	High				
	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 Dollars	Dollars	Dols.	Dols.	Dols.	Dols.	Short tons	Short tons		
1839.....			10,248											
1849.....			13,859											
1859.....			10,084											
1866.....	17,669	1.23	21,779	10.14	220,836	12.50					5,631			
1867.....	20,021	1.31	26,277	10.21	268,301	13.40					6,322			
1868.....	21,542	1.21	26,142	10.08	263,589	12.24								
1869.....	18,591	1.42	26,420	10.18	268,933	14.47					7,530			
1870.....	19,862	1.23	24,525	12.47	305,743	15.39					5,131			
1871.....	19,009	1.17	22,239	14.30	317,940	16.73					5,898			
1872.....	20,319	1.17	23,813	12.94	308,025	15.16					5,104			
1873.....	21,804	1.15	25,085	12.63	314,241	14.35					5,476			
1874.....	21,770	1.15	25,134	11.94	300,222	13.79					8,045			
1875.....	23,508	1.19	27,874	10.78	300,378	12.78					8,431			
1876.....	25,283	1.22	30,867	8.97	276,991	10.98					8,161			
1877.....	25,368	1.25	31,629	8.37	264,880	10.44	9.50	10.50	9.75	10.75	10,656	21,124		
1878.....	26,931	1.47	30,608	7.20	285,016	10.58	8.00	8.50	9.00	11.50	9,102	11,658		
1879.....	30,691	1.30	30,862	9.31	371,045	12.11	14.00	14.50	14.00	15.00	15,388	73,929		
1880.....	25,864	1.23	31,926	11.65	371,811	14.38	15.50	17.00	19.00	14,181	195,195			
1881.....	30,889	1.14	35,135	11.82	415,131	13.44	16.00	16.50	15.00	16.50	11,838	96,352		
1882.....	32,340	1.18	38,138	9.73	371,170	11.48	11.50	12.25	12.00	13.00	14,906	106,883		
1883.....	35,516	1.32	46,864	8.19	383,834	10.81	9.00	10.00	12.50	17.00	18,937	183,230		

TABLE 1.—*Hay (tame): Acreage, production, value exports, etc., United States, 1839–1924—Continued*

Division of Crop and Livestock Estimates; figures in italics are census returns.

## 1 Preliminary.

# Hay and Feed Statistics

5

TABLE 2.—*Hay, alfalfa: Area by States, 1899–1924*

[Thousand acres—i. e., 000 omitted]

Geographic division and State	Census			Division of Crop and Livestock Estimates					
	1899	1900	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:									
Maine.....			1						
New Hampshire.....			2	1	1	1	1	1	1
Vermont.....			1	1	1	1	1	1	1
Massachusetts.....			1	1	1	1	1	1	1
Rhode Island.....									
Connecticut.....		1	1	1	1	1	1	1	1
Middle Atlantic:									
New York.....	6	35	120	120	132	145	155	163	172
New Jersey.....	1	15	15	15	15	15	17	19	24
Pennsylvania.....	5	31	31	30	32	35	36	36	36
South Atlantic:									
Delaware.....			2	2	2	2	2	2	2
Maryland.....	3	12	12	12	11	16	15	20	
Virginia.....	8	24	24	24	23	29	35	36	
West Virginia.....	1	5	5	5	5	6	6	6	
North Carolina.....	1	2	2	3	3	4	4	4	5
South Carolina.....		3	3	3	3	3	3	3	3
Georgia.....	1	3	3	3	4	4	4	4	4
Florida.....									
East North Central:									
Ohio.....	3	29	94	94	89	90	118	120	124
Indiana.....	1	18	62	62	70	80	95	105	95
Illinois.....	9	18	80	89	100	107	124	136	177
Michigan.....	1	7	74	74	95	143	246	338	448
Wisconsin.....		18	70	70	106	131	92	155	266
West North Central:									
Minnesota.....	1	2	45	45	59	77	88	123	208
Iowa.....	2	29	172	172	180	187	192	230	276
Missouri.....	2	35	152	152	168	164	170	185	200
North Dakota.....		3	58	58	56	56	65	80	120
South Dakota.....	18	66	462	462	459	508	543	590	608
Nebraska.....	115	685	1,215	1,180	1,233	1,196	1,163	1,163	1,211
Kansas.....	267	957	1,316	1,243	1,231	1,065	919	885	884
East South Central:									
Kentucky.....	1	20	56	56	51	53	58	58	54
Tennessee.....	1	5	17	17	19	20	25	27	28
Alabama.....		7	10	10	10	10	20	25	23
Mississippi.....	9	30	30	28	24	24	22	22	18
West South Central:									
Louisiana.....	2	12	8	8	8	12	18	21	13
Texas.....	19	55	58	58	56	57	60	63	60
Oklahoma.....	16	207	348	370	355	348	362	368	384
Arkansas.....	2	16	61	61	77	83	78	75	71
Mountain:									
Montana.....	69	224	374	374	424	466	486	536	614
Wyoming.....	75	170	330	330	437	459	475	500	495
Colorado.....	455	509	782	782	845	818	813	783	803
New Mexico.....	55	103	117	125	127	132	107	104	87
Arizona.....	63	66	110	125	94	121	134	135	135
Utah.....	268	284	365	305	380	412	431	458	473
Nevada.....	97	90	117	117	110	120	121	124	126
Idaho.....	160	309	651	651	606	652	648	657	611
Pacific:									
Washington.....	35	95	229	229	230	230	222	235	223
Oregon.....	54	120	211	211	217	220	240	246	246
California.....	299	484	719	908	920	941	952	981	1,001
United States.....	2,094	4,707	8,625	8,750	9,131	9,228	9,368	9,816	10,453

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 3.—*Hay, clover: Area in the United States, 1899–1924*

[Thousand acres—i. e., 000 omitted]

Geographic division and State	Census			Division of Crop and Livestock Estimates					
	1899	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:									
Maine	7	5	9	38	31	31	38	38	38
New Hampshire	3	2	3	10	11	10	14	14	14
Vermont	4	4	6	21	20	18	25	26	27
Massachusetts	4	2	4	14	12	11	14	14	14
Rhode Island	1			1	1	1	1	1	1
Connecticut	1	2	3	11	10	12	14	14	14
Middle Atlantic:									
■ New York	103	87	122	482	477	459	472	481	457
■ New Jersey	58	7	10	29	28	29	32	33	35
Pennsylvania	294	84	82	317	308	311	300	294	297
South Atlantic:									
Delaware	27	18	12	19	18	17	19	18	21
Maryland	67	27	41	106	108	97	106	98	98
Virginia	104	54	80	200	180	180	192	168	171
■ West Virginia	25	7	16	66	63	66	79	74	73
North Carolina	27	39	78	90	84	84	101	105	104
South Carolina	1		1				2	2	2
Georgia	2	2	3	3	3	4	3	3	3
East North Central:									
Ohio	818	181	250	711	693	691	844	780	760
■ Indiana	777	272	335	563	591	561	710	426	469
Illinois	362	428	507	802	801	799	1,093	773	951
■ Michigan	226	168	120	563	541	584	738	808	800
■ Wisconsin	203	120	187	648	784	753	789	668	664
West North Central:									
Minnesota	75	57	98	398	455	391	430	366	373
Iowa	149	126	274	741	720	749	890	801	912
Missouri	377	263	173	449	511	544	704	598	647
North Dakota	1		11	16	28	38	124	116	135
South Dakota	3	3	14	33	35	40	60	57	58
Nebraska	42	31	41	60	60	66	74	100	144
Kansas	160	66	27	49	62	84	104	119	175
■ East South Central:									
Kentucky	158	77	107	200	188	194	204	184	173
Tennessee	104	194	240	290	318	271	310	298	321
Alabama	2	7	9	10	15	20	35	46	42
Mississippi	3	9	98	100	105	110	99	92	98
West South Central:									
Louisiana	2	10	35	38	39	41	39	34	44
Oklahoma	2		4	5	5	6	6	6	6
Arkansas	18	17	33	55	53	57	60	60	61
Texas	2	1	1						
Mountain:									
Montana	12	12	13	38	42	44	45	55	82
Wyoming	1		4	12	15	16	25	27	28
Colorado	3	1	5	15	20	12	20	23	24
New Mexico			1	2	2	2	2	2	2
Utah	1	1	3	10	6	4	1	2	2
Nevada	1		1	3	3	3	1	1	1
Idaho	15	9	20	45	42	43	31	32	31
Pacific:									
Washington	18	11	18	70	69	75	74	74	74
Oregon	32	47	53	88	91	94	140	147	140
California	12	9	15	15	15	15	15	15	14
United States	4,104	2,443	3,160	7,434	7,659	7,637	9,079	8,091	8,600

Division of Statistical and Historical Research.

<sup>1</sup>Preliminary.

# Hay and Feed Statistics

7

**TABLE 4.—Hay, mixed clover, and timothy: Area in the United States, 1909–1924**

[Thousand acres—i. e., 000 omitted]

Geographic division and State	Census		Division of Crop and Livestock Estimates					
	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:								
Maine	643	722	696	620	628	604	610	610
New Hampshire	210	198	171	178	172	180	174	174
Vermont	567	627	549	547	531	545	550	559
Massachusetts	186	159	149	135	132	144	146	146
Rhode Island	22	17	16	15	15	16	16	16
Connecticut	128	90	83	84	84	84	83	83
Middle Atlantic:								
New York	2,935	3,170	2,296	2,286	2,268	2,248	2,256	2,279
New Jersey	184	136	116	136	123	138	142	145
Pennsylvania	1,699	1,694	1,453	1,534	1,598	1,598	1,560	1,544
South Atlantic:								
Delaware	27	32	25	26	24	25	24	28
Maryland	201	205	140	151	148	147	135	151
Virginia	258	371	251	239	250	324	324	330
West Virginia	282	314	265	275	275	288	292	286
North Carolina	44	47	40	42	40	38	39	46
South Carolina			3	3	3			
Georgia	4	2	2	2	2	2	2	2
Florida	1							
East North Central:								
Ohio	1,017	1,191	731	893	941	964	920	928
Indiana	428	650	518	639	730	690	528	633
Illinois	828	838	643	720	739	803	722	794
Michigan	1,625	1,853	1,410	1,436	1,312	1,291	1,123	1,150
Wisconsin	1,612	2,016	1,555	1,549	1,362	1,470	1,625	1,560
West North Central:								
Minnesota	830	938	636	608	642	738	701	685
Iowa	2,446	1,705	1,238	1,306	1,286	1,353	1,240	1,265
Missouri	1,504	851	574	908	864	1,060	1,002	1,048
North Dakota	34	21	16	19	20	18	16	18
South Dakota	130	67	48	72	74	96	92	96
Nebraska	318	93	185	125	96	76	84	43
Kansas	310	44	44	54	49	82	87	90
East South Central:								
Kentucky	207	256	163	190	149	220	200	193
Tennessee	215	213	163	168	176	205	200	215
Alabama	4	3	2	2	2	3	3	3
Mississippi	2	3	7	8	8		2	2
West South Central:								
Louisiana	3	1	2	3	3	3	1	1
Texas			7	6	5	4		
Oklahoma	7	5	5	5	5	6	6	6
Arkansas	70	86	64	60	62	60	55	55
Mountain:								
Montana	91	141	116	140	154	150	165	166
Wyoming	8	34	26	28	28	34	37	38
Colorado	46	125	115	112	112	95	122	124
New Mexico	2	2	2	2	2	2	2	2
Arizona			1	1	1	1		
Utah	12	33	26	25	29	32	25	26
Nevada	17	15	13	14	13	14	12	12
Idaho	54	102	77	75	76	103	95	94
Pacific:								
Washington	121	145	93	93	98	94	96	95
Oregon	67	82	47	48	50	30	30	30
California	47	52	52	52	52	52	52	51
United States	19,542	19,849	14,739	15,632	15,430	16,100	15,596	15,770

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 5.—*Hay, grains cut green: Area in the United States, 1899–1924*

[Thousand acres—i. e., 000 omitted]

Geographic division and State	Census			Division of Crop and Livestock Estimates					
	1899 <sup>1</sup>	1900 <sup>1</sup>	1910	1919	1920	1921	1922	1923	1924 <sup>2</sup>
New England:									
Maine	14	13	15	15	13	20	16	16	18
New Hampshire	14	13	11	11	10	12	10	10	10
Vermont	18	24	17	17	16	18	16	16	16
Massachusetts	19	16	17	17	16	18	14	14	14
Rhode Island	4	3	3	3	3	3	3	3	3
Connecticut	11	11	15	14	12	15	12	12	12
Middle Atlantic:									
New York	62	47	89	89	65	130	80	86	89
New Jersey	6	16	9	9	7	10	5	7	8
Pennsylvania	45	8	13	13	11	20	16	18	19
South Atlantic:									
Delaware	3	5	3	3	3	4	3	2	3
Maryland	7	9	6	6	6	10	8	8	12
Virginia	41	55	56	56	53	50	50	41	37
West Virginia	13	4	28	26	30	35	39	39	41
North Carolina	52	130	59	59	56	50	78	80	79
South Carolina	49	159	65	65	71	60	34	35	30
Georgia	40	132	57	57	60	63	66	70	47
Florida	4	12	7	7	8	5	5	6	5
East North Central:									
Ohio	61	6	20	20	21	38	50	40	60
Indiana	68	48	61	61	44	94	300	147	163
Illinois	142	80	70	70	37	64	73	62	99
Michigan	43	19	60	59	28	86	15	27	32
Wisconsin	36	14	28	28	20	60	36	45	81
West North Central:									
Minnesota	26	20	89	89	28	29	40	80	62
Iowa	87	17	47	47	31	32	27	31	20
Missouri	124	89	180	190	128	192	87	45	68
North Dakota	22	46	648	324	327	269	279	256	285
South Dakota	27	24	109	109	107	78	80	80	72
Nebraska	42	26	80	40	27	27	39	34	31
Kansas	95	19	73	36	23	47	43	30	30
East South Central:									
Kentucky	55	54	98	98	90	135	123	130	141
Tennessee	181	150	129	129	133	130	90	95	105
Alabama	15	71	54	54	59	118	100	118	103
Mississippi	49	66	15	15	15	17	10	10	10
West South Central:									
Louisiana	67	105	8	6	6	15	10	6	4
Texas	52	69	173	167	151	136	169	50	43
Oklahoma	29	25	94	94	100	112	48	53	48
Arkansas	63	107	193	193	170	112	82	75	80
Mountain:									
Montana	40	46	467	467	313	202	195	208	288
Wyoming	15	20	101	101	91	73	71	75	86
Colorado	47	75	132	132	98	105	110	107	94
New Mexico	5	13	27	27	25	24	11	11	1^
Arizona	15	19	23	23	18	24	22	18	17
Utah	3	2	16	16	13	15	14	11	11
Nevada	2	4	7	7	9	7	8	6	6
Idaho	92	97	168	168	154	149	134	149	168
Pacific:									
Washington	227	359	477	477	477	491	400	400	578
Oregon	246	374	467	467	452	489	410	413	423
California	1,506	1,805	1,085	1,085	1,070	1,032	1,000	930	911
United States	3,884	4,325	5,675	5,266	4,704	4,925	4,560	4,295	4,522

Division of Statistical and Historical Research.

<sup>1</sup> Includes legumes cut for hay.<sup>2</sup> Preliminary.

# Hay and Feed Statistics

9

TABLE 6.—*Hay, annual legumes: Area in the United States, 1919–1924.*

[Thousand acres—i. e., 000 omitted]

Geographic division and State	Census 1919	Division of Crop and Livestock Estimates					
		1919	1920	1921	1922	1923	1924 <sup>†</sup>
New England:							
Maine.....	3	2	3	4	2	2	2
New Hampshire.....	1	1	1	2	2	2	2
Vermont.....	1	1	1	2	1	1	1
Massachusetts.....	1	1	1	2	1	1	1
Rhode Island.....	1	1	1	2	1	1	1
Connecticut.....	2	2	2	1	1	1	1
Middle Atlantic:							
New York.....	5	5	5	5	5	5	5
New Jersey.....	3	3	3	3	3	3	4
Pennsylvania.....	4	4	4	4	4	4	5
South Atlantic:							
Delaware.....	7	7	8	9	13	20	23
Maryland.....	15	15	16	18	24	32	40
Virginia.....	113	210	227	240	225	243	210
West Virginia.....	9	9	12	13	15	13	22
North Carolina.....	122	320	288	344	396	386	386
South Carolina.....	168	190	198	250	341	339	327
Georgia.....	227	407	434	469	504	562	594
Florida.....	26	53	56	58	50	59	53
East North Central:							
Ohio.....	6	6	10	10	17	50	62
Indiana.....	19	19	35	50	95	74	80
Illinois.....	70	72	84	92	100	239	324
Michigan.....	7	7	6	12	25	36	32
Wisconsin.....	5	5	8	24	30	35	31
West North Central:							
Minnesota.....	6	6	19	19	30	45	20
Iowa.....	7	7	9	10	7	12	15
Missouri.....	46	47	63	70	107	165	221
North Dakota.....	28	28	28	28	28	25	25
South Dakota.....	5	5	24	19	12	12	12
Nebraska.....	8	8	6	5	4	5	5
Kansas.....	11	6	3	4	6	8	14
East South Central:							
Kentucky.....	35	35	45	67	96	96	100
Tennessee.....	280	280	260	280	313	311	312
Alabama.....	217	456	458	444	380	404	470
Mississippi.....	68	88	92	128	193	202	226
West South Central:							
Louisiana.....	75	85	87	93	105	111	107
Texas.....	57	57	60	54	50	56	66
Oklahoma.....	22	25	24	30	33	33	33
Arkansas.....	77	77	97	108	128	137	126
Mountain:							
Montana.....	6	6	6	5	4	5	7
Wyoming.....	2	2	2	2	—	—	—
Colorado.....	13	13	10	10	15	14	26
New Mexico.....	3	3	3	3	3	3	3
Arizona.....	1	1	1	—	—	—	—
Utah.....	2	2	1	1	—	—	—
Nevada.....	1	1	1	1	—	—	—
Idaho.....	4	4	1	1	—	—	—
Pacific:							
Washington.....	7	7	7	7	7	7	7
Oregon.....	25	25	25	25	48	49	49
California.....	26	26	26	26	26	20	18
United States.....	1,847	2,619	2,756	3,048	3,510	3,828	4,067

Division of Statistical and Historical Research.

<sup>†</sup>Preliminary.

30877—25†—2

TABLE 7.—*Hay, millet, Sudan grass, and other miscellaneous hay: Area in the United States, 1899–1924*

[Thousand acres—i. e., 000 omitted]

Geographic division and State	Census			Division of Crop and Livestock Estimates					
	1899	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:									
Maine.....	1,219	390	310	311	416	421	430	435	435
New Hampshire.....	570	186	162	188	191	194	182	179	179
Vermont.....	938	203	148	223	224	230	218	220	225
Massachusetts.....	535	162	150	150	184	188	186	187	187
Rhode Island.....	61	17	13	15	17	17	16	16	16
Connecticut.....	440	174	152	152	169	167	166	166	166
Middle Atlantic:									
New York.....	4,769	537	596	630	630	597	610	615	657
New Jersey.....	318	33	26	26	31	35	28	31	30
Pennsylvania.....	2,882	106	86	86	80	90	72	72	86
South Atlantic:									
Delaware.....	37	2	4	4	6	7	4	5	5
Maryland.....	292	8	18	18	26	26	20	19	21
Virginia.....	455	108	168	108	105	105	112	103	92
West Virginia.....	561	90	90	90	99	101	106	100	106
North Carolina.....	125	83	114	150	145	142	167	147	94
South Carolina.....	51	33	89	89	87	80	75	55	60
Georgia.....	67	72	149	149	156	148	148	129	123
Florida.....	14	23	51	60	52	52	71	67	74
East North Central:									
Ohio.....	2,290	61	26	26	26	29	31	30	40
Indiana.....	1,887	73	58	69	66	80	80	70	70
Illinois.....	2,510	162	355	355	314	342	335	344	385
Michigan.....	1,953	23	48	48	40	81	83	87	96
Wisconsin.....	1,666	49	60	60	70	196	75	87	51
West North Central:									
Minnesota.....	813	146	205	205	186	159	116	128	103
Iowa.....	3,000	93	73	73	62	67	74	65	68
Missouri.....	2,730	169	141	141	137	150	160	173	150
North Dakota.....	124	160	264	264	284	368	360	263	309
South Dakota.....	148	87	95	95	113	83	75	90	81
Nebraska.....	284	175	150	249	182	139	175	178	156
Kansas.....	608	217	126	220	220	183	375	428	316
East South Central:									
Kentucky.....	441	212	281	281	256	234	253	243	153
Tennessee.....	316	310	372	372	379	376	334	323	330
Alabama.....	49	99	211	230	218	240	220	191	180
Mississippi.....	36	77	178	172	150	139	130	143	117
West South Central:									
Louisiana.....	15	27	55	59	61	42	37	41	49
Texas.....	218	260	261	261	283	387	448	564	579
Oklahoma.....	62	85	140	363	373	404	506	468	502
Arkansas.....	68	50	148	148	163	159	162	154	150
Mountain:									
Montana.....	184	59	76	76	90	93	82	94	156
Wyoming.....	46	111	67	67	77	80	60	39	39
Colorado.....	89	103	128	125	127	90	88	110	133
New Mexico.....	3	29	23	24	23	23	35	34	37
Arizona.....	1	2	10	10	9	4	8	9	9
Utah.....	42	20	25	25	23	17	16	14	14
Nevada.....	27	28	31	30	30	28	30	30	28
Idaho.....	100	40	21	21	32	30	20	21	10
Pacific:									
Washington.....	159	29	52	52	53	54	50	51	51
Oregon.....	190	62	82	82	86	85	77	79	79
California.....	155	93	50	50	54	50	50	53	58
United States.....	33,046	5,337	6,056	6,682	6,803	7,012	7,133	7,138	7,065

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

# Hay and Feed Statistics

11

**TABLE 8.—*Hay, timothy: Area in the United States, 1909–1924***

[Thousand acres—i. e., 000 omitted]

Geographic division and State	Census		Division of Crop and Livestock Estimates					
	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:								
Maine.....	166	153	153	137	141	143	144	144
New Hampshire.....	84	64	58	59	60	62	62	62
Vermont.....	162	113	102	105	100	103	104	107
Massachusetts.....	107	78	78	72	71	71	71	71
Rhode Island.....	17	9	8	8	8	8	8	8
Connecticut.....	59	41	41	42	40	43	43	43
Middle Atlantic:								
New York.....	1,078	821	1,300	1,300	1,291	1,300	1,313	1,285
New Jersey.....	117	75	75	81	85	80	77	75
Pennsylvania.....	1,111	972	972	972	972	925	935	962
South Atlantic:								
Delaware.....	18	10	10	11	10	11	10	11
Maryland.....	136	83	83	81	80	85	81	83
Virginia.....	163	91	91	84	82	108	105	107
West Virginia.....	309	229	229	234	230	236	229	234
North Carolina.....	18	11	20	24	27	26	23	25
South Carolina.....	2	1						
Georgia.....	3	2	2	2	3	2	2	2
Florida.....	1							
East North Central:								
Ohio.....	1,888	1,436	1,436	1,418	1,414	1,350	1,310	1,370
Indiana.....	1,200	808	808	760	765	730	744	780
Illinois.....	1,587	1,022	1,020	1,024	1,029	1,057	1,004	944
Michigan.....	750	656	656	643	655	876	686	640
Wisconsin.....	767	580	580	527	538	663	572	601
West North Central:								
Minnesota.....	780	515	515	501	632	546	573	545
Iowa.....	1,312	808	808	792	840	808	760	466
Missouri.....	1,261	1,167	1,167	1,277	1,216	1,232	1,142	1,142
North Dakota.....	184	190	190	179	182	154	139	132
South Dakota.....	179	116	118	186	168	134	129	132
Nebraska.....	99	53	47	47	36	22	20	14
Kansas.....	127	125	125	136	120	101	75	84
East South Central:								
Kentucky.....	347	238	238	231	219	223	219	216
Tennessee.....	122	78	78	80	76	105	100	110
Alabama.....	4	2	2	2	2	2	2	2
Mississippi.....	1	2	2	2	2	2		
West South Central:								
Louisiana.....	1	1	2	2	2	2		
Oklahoma.....	10	5	5	5	5	4	4	5
Arkansas.....	37	24	24	27	28	25	20	20
Texas.....	1	5						
Mountain:								
Montana.....	118	81	81	90	81	83	87	70
Wyoming.....	29	30	30	32	32	50	52	50
Colorado.....	52	45	45	44	48	45	44	44
New Mexico.....	2	6	6	5	5	2	2	2
Utah.....	17	13	13	13	12	9	13	13
Nevada.....	15	4	4	5	5	5	7	7
Idaho.....	103	83	83	81	79	93	106	104
Pacific:								
Washington.....	88	51	51	50	53	50	52	51
Oregon.....	40	31	31	32	32	20	20	20
California.....	14	13	13	13	13	13	15	14
United States.....	14,686	10,941	11,398	11,416	11,489	11,409	11,104	10,977

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 9.—*Hay, tame: Acreage by divisions and States, 1909–1924*

[Thousand acres—i. e., 000 omitted]

Geographic division and State	1909	1910	1911	1912	1913	Aver- age, 1909– 1913	1914	1915	1916
New England:									
Maine.....	1,219	1,219	1,219	1,231	1,194	1,216	1,230	1,150	1,200
New Hampshire.....	496	496	496	501	495	497	520	504	529
Vermont.....	961	1,040	1,010	1,010	1,000	1,004	990	970	980
Massachusetts.....	473	477	472	477	475	475	480	470	480
Rhode Island.....	58	59	57	58	58	58	68	57	58
Connecticut.....	374	376	375	379	379	377	375	365	370
Middle Atlantic:									
New York.....	4,721	4,780	4,720	4,720	4,700	4,728	4,653	4,225	4,350
New Jersey.....	358	358	351	362	361	358	361	375	
Pennsylvania.....	2,994	3,083	3,022	3,173	3,141	3,083	3,141	3,100	3,255
South Atlantic:									
Delaware.....	89	70	89	72	72	70	72	70	80
Maryland.....	384	375	356	381	390	377	390	390	465
Virginia.....	742	759	699	741	750	738	650	700	900
West Virginia.....	693	695	675	745	740	710	698	730	825
North Carolina.....	315	315	290	293	320	307	320	350	440
South Carolina.....	195	198	194	194	210	198	210	220	255
Georgia.....	213	213	213	234	250	225	250	300	400
Florida.....	40	40	39	43	47	42	48	51	75
East North Central:									
Ohio.....	3,182	3,200	2,850	2,960	2,960	3,030	2,812	2,812	3,250
Indiana.....	2,037	1,925	1,725	1,885	1,800	1,874	1,704	2,020	2,300
Illinois.....	3,104	3,060	2,590	2,512	2,500	2,753	2,250	2,500	3,300
Michigan.....	2,592	2,580	2,395	2,395	2,400	2,468	2,352	2,470	2,750
Wisconsin.....	2,579	2,430	2,250	2,250	2,375	2,377	2,550	2,578	2,600
West North Central:									
Minnesota.....	1,835	1,797	1,582	1,661	1,660	1,707	1,743	1,700	1,890
Iowa.....	4,023	3,970	3,573	3,587	3,000	3,621	2,950	3,600	3,700
Missouri.....	3,321	3,249	2,924	3,187	3,000	3,136	2,600	3,050	3,410
North Dakota.....	427	350	357	364	340	368	400	440	550
South Dakota.....	490	442	398	460	460	450	500	610	750
Nebraska.....	1,335	1,291	1,162	1,150	1,250	1,238	1,500	1,750	1,850
Kansas.....	1,696	1,650	1,550	1,627	1,500	1,605	1,650	1,768	1,880
East South Central:									
Kentucky.....	917	940	840	815	775	857	750	900	1,080
Tennessee.....	995	1,004	925	888	900	942	800	950	1,050
Alabama.....	192	209	209	209	210	206	220	250	400
Mississippi.....	164	199	199	201	220	197	210	250	275
West South Central:									
Louisiana.....	158	185	150	142	160	155	200	250	280
Texas.....	388	388	379	387	400	388	450	450	480
Oklahoma.....	335	334	334	385	450	368	450	550	550
Arkansas.....	296	314	288	286	320	303	320	350	375
Mountain:									
Montana.....	549	595	605	640	660	610	700	775	825
Wyoming.....	339	360	400	452	480	406	500	560	580
Colorado.....	785	781	785	870	890	822	970	970	970
New Mexico.....	149	156	178	187	192	172	206	201	185
Arizona.....	88	94	104	113	135	107	142	147	165
Utah.....	334	340	360	368	390	356	406	394	384
Nevada.....	153	175	200	227	235	198	247	225	225
Idaho.....	611	630	672	692	705	662	705	677	700
Pacific:									
Washington.....	703	717	739	778	780	743	798	812	800
Oregon.....	711	739	760	790	825	785	858	860	850
California.....	2,260	2,400	2,500	2,600	2,400	2,410	2,700	2,360	2,500
United States.....	51,041	51,015	48,240	49,530	48,954	49,756	49,145	51,108	55,721

TABLE 9.—*Hay, tame: Acreage by divisions and States, 1909–1924—Continued*

Geographic division and State	1917	1918	1919	1920	Average, 1914– 1920	1921	1922	1923	1924 <sup>1</sup>
New England:									
Maine.....	1,252	1,108	1,213	1,220	1,196	1,245	1,233	1,245	1,245
New Hampshire.....	504	440	439	450	484	450	450	441	442
Vermont.....	998	905	914	914	953	900	909	918	946
Massachusetts.....	488	410	410	420	451	423	430	434	434
Rhode Island.....	58	58	44	45	54	45	45	45	45
Connecticut.....	410	350	304	320	356	320	320	320	320
Middle Atlantic:									
New York.....	4,332	4,300	4,922	4,895	4,525	4,895	4,870	4,919	4,944
New Jersey.....	350	325	273	301	335	300	303	312	321
Pennsylvania.....	3,092	2,965	2,881	2,939	3,063	3,025	2,920	2,919	2,949
South Atlantic:									
Delaware.....	78	75	70	74	74	73	77	81	93
Maryland.....	442	455	380	399	417	390	406	386	426
Virginia.....	992	1,050	940	912	878	930	1,040	1,019	983
West Virginia.....	790	798	690	718	750	725	768	753	768
North Carolina.....	506	640	682	640	511	690	800	784	738
South Carolina.....	250	280	350	360	272	396	455	434	422
Georgia.....	594	696	623	660	503	693	728	772	785
Florida.....	100	105	120	115	88	110	126	132	132
East North Central:									
Ohio.....	2,925	3,025	3,024	3,150	3,000	3,213	3,374	3,250	3,344
Indiana.....	2,143	2,270	2,100	2,205	2,115	2,360	2,700	2,094	2,290
Illinois.....	2,937	3,372	2,951	3,080	2,913	3,172	3,645	3,280	3,674
Michigan.....	2,558	2,598	2,817	2,789	2,619	2,873	3,074	3,105	3,198
Wisconsin.....	2,719	2,597	2,946	3,064	2,722	3,064	3,155	3,187	3,203
West North Central:									
Minnesota.....	1,950	1,950	1,894	1,856	1,855	1,949	1,988	2,016	2,056
Iowa.....	3,330	3,235	3,086	3,100	3,272	3,171	3,351	3,139	3,202
Missouri.....	3,180	2,989	2,720	3,192	3,020	3,200	3,520	3,310	3,476
North Dakota.....	550	550	896	916	615	961	1,028	895	1,024
South Dakota.....	735	810	868	976	750	970	1,000	1,050	1,059
Nebraska.....	1,590	1,701	1,769	1,680	1,691	1,565	1,553	1,584	1,604
Kansas.....	1,780	1,869	1,722	1,749	1,745	1,552	1,630	1,630	1,593
East South Central:									
Kentucky.....	975	1,072	1,051	1,051	983	1,051	1,177	1,130	1,030
Tennessee.....	1,050	1,240	1,329	1,356	1,111	1,329	1,382	1,354	1,421
Alabama.....	1,448	1,243	764	764	727	836	760	789	823
Mississippi.....	302	347	394	400	311	428	458	471	471
West South Central:									
Louisiana.....	200	225	200	206	220	208	214	214	218
Texas.....	528	581	550	556	514	639	671	723	747
Oklahoma.....	574	580	867	867	634	910	965	936	983
Arkansas.....	390	467	622	647	453	609	585	576	563
Mountain:									
Montana.....	759	767	1,158	1,105	870	1,045	1,045	1,150	1,323
Wyoming.....	565	650	568	682	585	690	715	730	736
Colorado.....	970	1,030	1,227	1,256	1,056	1,195	1,191	1,203	1,248
New Mexico.....	202	190	189	187	194	191	162	158	145
Arizona.....	157	150	160	123	149	150	165	162	161
Utah.....	438	434	457	461	426	490	503	523	539
Nevada.....	239	221	175	172	215	177	179	180	180
Idaho.....	725	667	1,049	1,050	796	1,029	1,029	1,060	1,018
Pacific:									
Washington.....	808	794	979	979	853	1,008	987	1,005	1,079
Oregon.....	840	815	951	950	873	995	965	984	987
California.....	2,400	2,376	2,150	2,160	2,375	2,129	2,108	2,066	2,067
United States.....	55,208	55,755	56,888	58,101	54,580	58,769	61,159	59,868	61,454

Division of Crop and Livestock Estimates.

<sup>1</sup> Preliminary.

TABLE 10.—*Hay, wild: Acreage by divisions and States, 1909–1924*

[Thousands acres—l. e., 000 omitted]

Geographic division and State	1909	1910	1911	1912	1913	Average, 1909–1913	1914	1915	1916
New England:									
Maine	25	25	25	25	25	25	25	24	25
New Hampshire	22	22	22	22	22	22	22	21	22
Vermont	14	14	14	14	13	14	13	13	13
Massachusetts	25	25	25	25	25	25	25	24	28
Rhode Island	1	1	1	1	1	1	1	1	1
Connecticut	13	13	13	13	13	13	13	13	13
Middle Atlantic:									
New York	63	63	63	63	63	63	62	70	72
New Jersey	33	33	33	33	31	33	31	30	31
Pennsylvania	13	13	13	13	13	13	14	14	15
South Atlantic:									
Delaware	10	10	10	10	10	10	10	10	10
Maryland	4	4	4	4	4	4	4	4	5
Virginia	8	8	8	8	8	8	8	8	9
West Virginia	5	6	6	6	6	6	6	6	6
North Carolina	45	45	45	45	45	45	43	43	41
South Carolina	7	7	7	7	7	7	7	10	10
Georgia	16	16	16	15	15	16	14	14	14
Florida	9	9	9	10	10	9	9	10	10
East North Central:									
Ohio	2	2	2	2	2	2	2	2	2
Indiana	61	61	61	60	59	60	58	65	65
Illinois	113	113	113	112	111	112	100	95	110
Michigan	33	33	33	33	33	33	35	34	38
Wisconsin	378	378	378	363	363	372	345	311	327
West North Central:									
Minnesota	1,989	1,989	1,989	1,969	1,930	1,973	1,930	1,900	1,900
Iowa	846	846	846	838	821	839	780	710	650
Missouri	143	143	143	144	122	139	120	130	140
North Dakota	2,394	2,394	2,394	2,418	2,176	2,355	2,394	2,226	2,225
South Dakota	2,914	2,914	2,914	2,972	2,828	2,907	2,964	3,100	3,120
Nebraska	3,063	3,063	3,063	3,063	2,940	3,038	2,822	2,900	2,845
Kansas	1,608	1,608	1,608	1,672	1,338	1,587	1,525	1,600	1,500
East South Central:									
Kentucky	7	7	7	7	6	7	5	5	5
Tennessee	28	28	28	27	26	27	23	29	32
Alabama	28	28	28	29	28	28	25	28	35
Mississippi	55	55	55	55	53	55	45	45	45
West South Central:									
Louisiana	21	21	21	20	21	21	20	25	30
Texas	236	236	236	234	225	233	245	245	250
Oklahoma	695	695	695	688	654	686	621	650	645
Arkansas	113	113	113	111	111	112	105	106	90
Mountain:									
Montana	585	585	585	673	612	608	630	640	646
Wyoming	243	243	243	287	290	281	284	290	300
Colorado	395	395	395	466	419	414	444	460	460
New Mexico	28	28	28	26	22	26	32	28	20
Arizona	10	10	10	15	16	12	17	15	14
Utah	68	68	68	68	68	68	70	69	68
Nevada	198	198	198	188	188	194	184	173	171
Idaho	120	120	120	114	115	118	116	112	112
Pacific:									
Washington	28	28	28	28	28	28	28	27	30
Oregon	218	218	218	214	216	217	214	208	200
California	253	253	253	218	214	238	263	255	240
United States	17,186	17,187	17,187	17,427	16,341	17,086	16,752	16,706	16,635

TABLE 10.—*Hay, wild: Acreage by divisions and States, 1909–1924—Continued*

Geographic division and State	1917	1918	1919	1920	Average, 1914– 1920	1921	1922	1923	1924 <sup>1</sup>
New England:									
Maine.....	24	24	14	14	21	15	15	16	16
New Hampshire.....	20	20	11	11	18	12	12	12	12
Vermont.....	13	13	13	13	13	13	13	13	13
Massachusetts.....	21	20	12	12	20	12	12	12	12
Rhode Island.....	1	1	1	1	1	1	1	1	1
Connecticut.....	13	12	9	9	12	9	9	9	9
Middle Atlantic:									
New York.....	70	50	66	65	65	67	67	67	67
New Jersey.....	35	35	18	20	29	23	22	22	22
Pennsylvania.....	14	14	21	22	16	23	23	25	24
South Atlantic:									
Delaware.....	10	10	1	1	7	1	2	2	2
Maryland.....	5	6	4	4	5	4	4	4	4
Virginia.....	8	8	13	13	10	12	14	14	15
West Virginia.....	6	6	11	11	7	11	11	11	12
North Carolina.....	46	42	43	43	43	42	100	100	101
South Carolina.....	10	10	6	6	8	6	6	6	6
Georgia.....	12	13	18	19	15	19	16	16	16
Florida.....	9	9	7	6	9	6	6	6	5
East North Central:									
Ohio.....	2	2	3	3	2	2	2	2	2
Indiana.....	63	60	21	22	51	21	25	24	26
Illinois.....	98	85	64	61	87	62	62	61	62
Michigan.....	36	40	50	53	41	55	56	52	54
Wisconsin.....	312	351	348	358	336	364	335	368	298
West North Central:									
Minnesota.....	1,750	1,700	2,225	1,910	1,902	2,033	2,053	2,041	1,022
Iowa.....	600	570	507	490	615	450	425	401	361
Missouri.....	139	138	147	140	136	129	134	125	129
North Dakota.....	2,180	2,115	2,482	2,308	2,276	2,308	2,469	2,222	2,266
South Dakota.....	3,250	3,282	3,689	3,615	3,289	3,600	3,675	3,491	3,316
Nebraska.....	3,072	2,688	3,168	2,315	2,814	2,256	2,208	2,296	2,173
Kansas.....	1,122	1,012	1,223	1,018	1,285	932	887	892	915
East South Central:									
Kentucky.....	5	5	22	23	10	26	23	23	22
Tennessee.....	28	28	53	50	35	50	52	55	50
Alabama.....	35	35	25	25	30	25	25	25	22
Mississippi.....	40	40	40	41	42	40	41	43	40
West South Central:									
Louisiana.....	31	38	14	14	25	15	18	18	18
Texas.....	212	212	188	194	221	203	201	207	215
Oklahoma.....	600	540	532	521	587	485	495	520	525
Arkansas.....	140	137	138	137	122	129	133	126	126
Mountain:									
Montana.....	536	482	451	652	577	657	660	653	653
Wyoming.....	300	300	227	260	280	300	310	315	315
Colorado.....	461	461	411	419	442	407	386	373	340
New Mexico.....	32	29	43	47	33	48	33	40	38
Arizona.....	14	13	8	8	13	16	10	12	4
Utah.....	100	96	81	107	84	108	112	117	99
Nevada.....	180	144	177	176	172	179	181	181	136
Idaho.....	116	113	121	125	116	131	132	132	121
Pacific:									
Washington.....	29	26	30	29	28	30	27	27	24
Oregon.....	198	176	226	228	207	233	228	226	210
California.....	225	182	178	170	216	167	160	152	114
United States.....	16,212	15,283	17,150	15,787	16,374	15,632	15,871	15,556	14,931

Division of Crop and Livestock Estimates.

<sup>1</sup> Preliminary.

TABLE 11.—*Hay (tame): Condition of crop and yield per acre in the United States 1908–1924*

Year	Condition on 1st of month				Yield per acre	Year	Condition on 1st of month				Yield per acre
	May	June	July	Aug.			May	June	July	Aug.	
	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>Short tons</i>		<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>Short tons</i>
1908	93.5	96.8	92.6	92.1	1.53	1917	88.5	84.3	85.1	87.3	1.51
1909	84.5	87.6	87.8	86.8	1.46	1918	90.0	89.5	82.1	83.3	1.37
1910	88.8	85.9	80.2	83.1	1.36	1919	94.0	93.5	90.7	91.2	1.53
1911	84.7	77.4	64.9	68.6	1.14	1920	89.4	87.9	85.5	89.8	1.55
1912	85.7	89.8	85.2	91.0	1.47	1921	91.7	84.2	78.7	82.2	1.40
1913	88.5	86.9	80.5	82.3	1.31	1922	90.1	90.9	89.0	91.0	1.57
1914	90.9	87.6	80.8	85.0	1.43	1923	86.8	84.1	80.3	81.0	1.49
1915	88.8	87.8	85.2	89.0	1.68	1924	86.1	84.3	83.4	84.4	1.59
1916	88.4	90.3	93.4	95.5	1.64						

Division of Crop and Livestock Estimates.

TABLE 12.—*Hay: Percentage reduction from full yield per acre, from stated causes, as reported by crop correspondents, 1909–1923*

Year	Adverse weather conditions								Plant disease	Insect pests	Animal pests	Defective seed	All other causes	Total
	Deficient moisture	Excessive moisture	Floods	Frost or freeze	Hail	Hot winds	Storms	Total <sup>1</sup>						
1909	10.7	2.2	0.6	1.2	0.1	0.3	0.2	15.7	0.1	0.5	0.1	0.1	1.1	17.6
1910	17.4	1.2	.3	1.2	.1	.5	.1	21.2	.1	.5	.2	.1	1.5	23.6
1911	27.7	.8	(?)	.9	.1	1.9	(?)	31.6	.1	.6	.1	.1	1.9	34.7
1915	3.7	4.0	.6	1.8	.1	.1	.3	11.9	.2	.5	.1	(?)	1.2	13.9
1916	5.5	1.0	.3	1.1	.1	.2	.1	8.6	(?)	.3	.1	(?)	.6	9.6
1917	11.5	1.3	.2	2.9	.2	.3	.1	16.8	.1	.4	(?)	(?)	1.0	18.3
1918	17.5	.7	.2	2.8	.1	.8	.1	22.7	.1	.9	.1	(?)	1.1	24.9
1919	9.9	1.9	.3	1.0	.1	.4	.1	13.9	.1	1.0	(?)	(?)	.5	15.5
1920	7.2	1.4	.2	.5	.2	.2	.1	10.7	.2	1.0	(?)	.1	.7	12.7
1921	15.1	.9	.2	2.2	.2	.7	.2	19.5	.2	.9	.1	(?)	.3	21.0
1922	10.6	.9	.2	.8	.2	.3	.1	13.2	.2	.8	.1	(?)	.2	14.5
1923	12.7	1.5	.4	1.9	.3	.4	.1	17.8	.2	.8	.1	(?)	.3	18.7

Division of Crop and Livestock Estimates.

<sup>1</sup> Includes other adverse weather conditions.<sup>2</sup> Less than 0.05 per cent.

# Hay and Feed Statistics

17

**TABLE 13.—Hay, alfalfa: Yield per acre in the United States, 1899–1924**

Geographic division and State	Census			Division of Crop and Livestock Estimates					
	1899	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
New England:									
Maine.....	1.16	1.24	1.29						3.00
New Hampshire.....	1.38	2.06	1.87						
Vermont.....	1.18	2.04	2.22	2.41	2.60	3.00	3.00	2.20	2.85
Massachusetts.....	1.06	1.70	2.24	3.25	2.80	3.00	3.10	3.50	3.00
Rhode Island.....	1.00	2.29	2.76						
Connecticut.....	1.33	1.42	2.52	2.23	2.60	3.50	3.50	2.40	2.86
Middle Atlantic:									
New York.....	2.33	2.46	2.15	2.72	2.50	2.50	2.75	2.40	2.60
New Jersey.....	1.06	2.35	2.34	2.70	2.70	2.62	2.85	2.19	2.75
Pennsylvania.....	1.38	1.85	2.09	2.80	2.45	2.55	2.70	2.35	2.36
South Atlantic:									
Delaware.....	1.22	2.83	2.55	2.90	3.00	2.70	2.90	2.50	2.70
Maryland.....	1.26	2.13	2.11	2.60	2.80	2.60	2.75	2.25	2.45
Virginia.....	1.49	2.30	2.07	2.20	2.37	1.80	2.30	2.10	2.20
West Virginia.....	1.61	2.02	2.01	2.20	2.30	2.40	2.45	2.30	2.50
North Carolina.....	1.61	1.90	1.78	2.40	2.40	2.10	2.40	2.30	2.70
South Carolina.....	1.72	2.38	2.25	2.04	2.20	2.25	2.20	2.00	1.80
Georgia.....	2.24	1.98	1.99	2.20	2.00	2.25	2.40	2.10	1.80
Florida.....		1.29	2.50						
East North Central:									
Ohio.....	1.41	2.38	1.99	2.31	2.50	2.50	2.50	2.60	2.50
Indiana.....	1.50	2.25	1.72	2.26	2.50	2.10	2.34	2.40	2.30
Illinois.....	1.03	2.85	2.41	2.65	2.70	2.59	2.70	2.90	2.85
Michigan.....	1.26	2.12	1.60	2.00	2.30	2.25	2.35	2.10	2.35
Wisconsin.....	1.82	2.77	2.15	2.50	2.70	2.68	2.67	2.30	2.80
West North Central:									
Minnesota.....	2.71	2.76	2.54	2.90	2.90	2.60	2.61	2.34	2.70
Iowa.....	2.72	2.90	2.55	2.70	2.84	2.91	2.67	3.00	3.05
Missouri.....	2.42	2.71	2.41	2.40	2.52	2.05	2.40	2.35	2.60
North Dakota.....	1.43	1.86	1.29	1.72	1.90	2.20	2.50	2.10	2.00
South Dakota.....	2.17	2.33	1.65	2.15	2.33	1.90	2.22	2.10	1.80
Nebraska.....	2.39	2.22	1.83	2.60	2.70	2.36	2.07	2.60	2.40
Kansas.....	2.25	2.09	1.89	2.18	2.20	1.80	2.45	2.51	2.42
East South Central:									
Kentucky.....	1.31	1.88	1.45	2.00	2.00	1.80	2.30	2.20	2.20
Tennessee.....	1.79	1.99	1.98	2.48	2.20	2.25	2.30	2.25	2.20
Alabama.....	1.26	1.27	1.32	2.30	1.87	1.70	1.50	1.60	1.50
Mississippi.....	2.03	1.81	2.16	2.80	2.30	2.60	2.30	2.41	1.25
West South Central:									
Louisiana.....	1.76	2.33	2.08	2.40	2.90	2.80	2.75	2.33	1.25
Texas.....	1.76	1.77	2.35	2.70	2.60	2.50	2.40	2.60	1.85
Oklahoma.....	1.87	1.56	1.98	2.20	2.10	2.10	1.95	1.90	1.80
Arkansas.....	1.95	2.09	2.09	2.70	2.45	2.20	2.10	2.25	1.68
Mountain:									
Montana.....	2.70	2.67	1.57	1.70	2.15	2.25	2.20	2.15	2.01
Wyoming.....	2.32	2.33	1.56	1.80	2.80	2.00	2.15	2.10	2.00
Colorado.....	2.43	2.49	2.28	2.45	2.80	2.50	2.15	2.25	2.30
New Mexico.....	2.79	2.50	2.38	2.70	2.70	2.60	2.40	2.60	2.70
Arizona.....	2.19	2.94	3.08	4.30	3.80	3.50	3.70	4.00	4.30
Utah.....	2.54	2.78	2.05	2.10	2.80	2.70	2.92	2.81	2.90
Nevada.....	2.32	2.64	2.83	2.80	2.80	3.20	3.39	3.23	2.80
Idaho.....	2.66	3.12	2.67	2.85	3.30	3.40	3.10	3.00	2.60
Pacific:									
Washington.....	3.37	3.77	2.87	2.98	2.80	3.50	3.56	3.60	3.00
Oregon.....	2.72	3.12	2.81	3.11	3.50	3.50	3.40	3.50	2.60
California.....	2.81	3.39	3.36	3.66	3.70	3.70	3.80	3.80	3.75
United States.....	2.49	2.52	2.19	2.56	2.71	2.57	2.61	2.65	2.52

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 14.—*Hay, clover: Yield per acre in the United States, 1899–1924*

Geographic divisions and State	Census			Division of Crop and Livestock Estimates					
	1899	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
New England:									
Maine.....	1.32	1.19	1.30	1.58	1.40	1.10	1.60	1.70	1.50
New Hampshire.....	1.23	1.36	1.32	1.70	1.60	1.30	1.60	1.70	1.60
Vermont.....	1.51	1.61	1.78	1.70	1.60	1.30	1.60	1.78	1.70
Massachusetts.....	1.38	1.64	1.56	1.75	1.70	1.50	1.70	1.80	1.96
Rhode Island.....	1.52	1.44	1.74	1.60	1.60	1.60	1.70	1.70	1.60
Connecticut.....	1.26	1.60	1.72	1.80	1.60	1.65	1.70	1.90	1.86
Middle Atlantic:									
New York.....	1.11	1.32	1.61	1.60	1.30	1.02	1.60	1.60	1.66
New Jersey.....	.92	1.37	1.32	1.50	1.60	1.22	1.50	1.00	1.86
Pennsylvania.....	1.14	1.15	1.40	1.35	1.48	1.15	1.54	1.05	1.62
South Atlantic:									
Delaware.....	.92	1.51	1.03	1.30	1.45	1.00	1.34	1.02	1.60
Maryland.....	1.05	1.24	1.26	1.35	1.50	1.10	1.50	.90	1.70
District of Columbia.....	1.85	1.50							
Virginia.....	1.01	1.17	1.18	1.30	1.24	1.00	1.20	.80	1.47
West Virginia.....	.93	.98	1.12	1.30	1.40	1.26	1.45	1.20	1.60
North Carolina.....	1.04	1.02	1.03	1.40	1.45	1.30	1.40	1.40	1.05
South Carolina.....	1.20	1.43	1.05				1.50	1.50	.95
Georgia.....	1.11	1.05	1.01	1.60	1.54	1.84	1.60	1.20	.90
Florida.....	.98	1.00							
East North Central:									
Ohio.....	1.25	1.32	1.20	1.30	1.25	1.10	1.50	1.10	1.56
Indiana.....	1.23	1.16	1.06	1.23	1.23	.93	1.43	1.10	1.43
Illinois.....	1.21	1.28	1.24	1.50	1.18	1.10	1.50	1.20	1.60
Michigan.....	1.17	1.29	1.09	1.20	1.13	.90	1.40	1.18	1.45
Wisconsin.....	1.49	1.62	1.69	1.90	1.75	1.25	1.70	1.42	2.10
West North Central:									
Minnesota.....	1.72	1.85	1.81	1.89	1.85	1.60	1.80	1.26	1.74
Iowa.....	1.54	1.56	1.56	1.70	1.45	1.40	1.41	1.44	1.80
Missouri.....	1.31	1.18	1.34	1.25	1.35	1.20	1.35	1.30	1.45
North Dakota.....	1.20	1.18	1.19	1.30	1.37	1.45	1.75	1.85	1.75
South Dakota.....	1.79	1.56	1.36	1.60	1.50	1.20	1.40	1.50	1.60
Nebraska.....	1.71	1.51	1.45	1.65	1.70	1.60	1.40	1.70	2.40
Kansas.....	1.34	1.20	1.31	1.57	1.68	1.31	1.43	1.60	1.17
East South Central:									
Kentucky.....	1.01	1.05	1.12	1.32	1.35	1.00	1.45	1.40	1.45
Tennessee.....	1.03	1.04	1.08	1.25	1.30	1.05	1.40	1.20	1.25
Alabama.....	1.08	1.02	1.00	1.40	1.39	1.35	.90	.83	.80
Mississippi.....	1.19	1.27	1.26	1.30	1.35	1.20	1.25	1.25	.80
West South Central:									
Arkansas.....	1.12	1.08	1.13	1.60	1.45	1.20	1.25	1.41	1.00
Louisiana.....	1.69	1.59	1.37	1.20	1.50	1.50	1.50	1.80	.65
Oklahoma.....	1.46	1.29	1.19	1.30	1.60	1.60	1.40	1.65	1.30
Texas.....	1.72	1.66	1.23						
Mountain:									
Montana.....	1.81	2.08	1.04	1.05	1.60	1.60	1.80	1.80	1.55
Idaho.....	2.40	2.37	1.49	1.60	2.00	2.30	1.60	2.00	1.80
Wyoming.....	1.73	2.24	1.04	1.10	2.00	1.60	1.60	1.50	1.60
Colorado.....	2.10	2.61	1.56	1.80	2.00	1.80	1.60	1.80	1.80
New Mexico.....	2.58	2.08	1.56	2.00	2.00	2.00	1.60	2.00	2.00
Arizona.....		1.00	1.41						
Utah.....	2.21	2.46	1.42	1.80	2.00	2.00	2.11	2.08	2.00
Nevada.....	1.30	1.66	1.54	1.50	1.90	1.95	1.89	1.73	1.00
Pacific:									
Washington.....	2.17	2.01	2.09	2.14	2.30	2.40	2.43	2.55	2.00
Oregon.....	2.21	1.77	1.94	2.00	2.15	2.25	2.20	2.70	1.70
California.....	1.82	2.39	1.62	1.62	1.70	1.90	1.80	1.70	1.50
United States.....	1.26	1.29	1.31	1.48	1.42	1.21	1.60	1.33	1.60

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 15.—*Hay, mixed clover and timothy: Yield per acre in the United States, 1909-1924*

Geographic division and State	Census		Division of Crop and Livestock Estimates					
	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Maine	0.87	1.01	1.25	0.96	0.85	1.40	1.40	1.29
New Hampshire	.97	1.14	1.20	1.15	1.00	1.30	1.38	1.40
Vermont	1.11	1.37	1.60	1.40	1.00	1.45	1.50	1.61
Massachusetts	1.34	1.39	1.40	1.55	1.35	1.50	1.58	1.61
Rhode Island	1.28	1.28	1.50	1.35	1.40	1.45	1.40	1.50
Connecticut	1.16	1.29	1.50	1.45	1.60	1.65	1.50	1.58
Middle Atlantic:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
New York	1.10	1.26	1.44	1.25	.90	1.42	1.40	1.52
New Jersey	1.29	1.41	1.45	1.65	1.30	1.60	1.04	1.78
Pennsylvania	1.08	1.22	1.35	1.40	1.18	1.60	1.04	1.65
South Atlantic:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Delaware	1.17	1.06	1.30	1.45	1.20	1.45	1.00	1.70
Maryland	1.07	1.10	1.40	1.50	1.30	1.60	1.00	1.78
Virginia	1.02	1.11	1.25	1.35	1.05	1.25	.85	1.60
West Virginia	.89	1.04	1.25	1.30	1.15	1.35	1.20	1.62
North Carolina	.88	1.01	1.30	1.35	1.35	1.40	1.30	1.40
South Carolina	1.34	1.48	1.60	1.40	1.20			
Georgia	1.17	1.04	1.40	1.39	1.10	1.80	1.00	
Florida	.87							
East North Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Ohio	1.32	1.23	1.40	1.35	1.28	1.55	1.15	1.60
Indiana	1.23	1.15	1.20	1.26	1.10	1.37	1.16	1.60
Illinois	1.36	1.42	1.45	1.15	1.15	1.48	1.21	1.58
Michigan	1.23	1.10	1.19	1.15	.92	1.38	1.15	1.50
Wisconsin	1.54	1.60	1.77	1.70	1.28	1.76	1.30	1.80
West North Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Minnesota	1.73	1.65	1.88	1.70	1.52	1.60	1.23	1.59
Iowa	1.53	1.56	1.55	1.45	1.42	1.45	1.50	1.70
Missouri	1.08	1.13	1.30	1.24	1.15	1.00	1.22	1.35
North Dakota	1.17	1.02	1.20	1.25	1.40	1.60	1.40	1.60
South Dakota	1.68	1.31	1.50	1.50	1.30	1.30	1.30	1.45
Nebraska	1.48	1.37	1.60	1.65	1.40	1.60	1.70	1.80
Kansas	1.15	1.30	1.40	1.40	1.30	1.35	1.57	1.52
East South Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Kentucky	.99	1.09	1.30	1.30	1.05	1.35	1.30	1.45
Tennessee	1.10	1.24	1.25	1.20	1.15	1.40	1.30	1.35
Alabama	1.12	1.20	1.35	1.40	1.30	1.40	1.10	1.00
Mississippi	1.11	1.28	1.30	1.40	1.20		1.47	.80
West South Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Louisiana	1.72	1.38	1.50	1.50	1.50	1.60	1.25	.55
Texas	1.53	1.08	1.30	1.80	1.30	1.40		
Oklahoma	.92	1.22	1.30	1.80	1.45	1.30	1.10	1.39
Arkansas	1.03	1.06	1.40	1.40	1.20	1.10	1.10	.85
Mountain:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Montana	1.72	1.07	1.10	1.80	1.70	1.90	2.00	1.61
Wyoming	2.02	1.24	1.10	1.70	1.50	1.40	1.50	1.30
Colorado	1.88	1.72	1.50	2.00	1.80	1.60	1.70	1.90
New Mexico	1.41	1.44	2.00	2.00	2.00	1.00	1.50	1.70
Arizona	2.02	1.44	1.50	2.00	1.50	1.50		
Utah	2.10	1.63	1.80	2.00	1.90	2.10	2.08	1.80
Nevada	1.53	1.37	1.37	1.70	1.90	1.95	1.47	1.50
Idaho	1.85	1.16	1.50	1.75	2.00	1.80	1.90	1.60
Pacific:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Washington	2.09	2.11	2.25	2.10	2.20	2.00	2.55	1.90
Oregon	1.94	1.66	1.90	2.00	2.10	2.30	2.30	1.70
California	1.67	1.44	1.44	1.50	1.70	1.40	1.70	1.30
United States	1.27	1.31	1.44	1.37	1.17	1.47	1.30	1.68

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 16.—*Hay, grains cut green: Yield per acre in the United States, 1899–1924*

Geographic division and State	Census			Division of Crop and Livestock Estimates					
	1899 <sup>1</sup>	1909 <sup>1</sup>	1919	1919	1920	1921	1922	1923	1924 <sup>2</sup>
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
New England:									
Maine	1.48	1.87	1.63	1.70	1.70	1.45	2.10	2.20	1.70
New Hampshire	1.74	1.95	1.88	1.90	1.70	1.60	1.30	2.20	2.00
Vermont	1.85	1.97	1.80	1.70	2.00	1.90	1.80	2.00	2.20
Massachusetts	1.91	2.94	1.93	1.70	1.95	1.85	1.90	2.00	2.00
Rhode Island	1.55	1.85	1.59	1.60	1.55	1.60	1.60	1.60	1.75
Connecticut	1.76	1.89	1.52	1.40	1.60	1.50	1.80	2.00	2.05
Middle Atlantic:									
New York	1.57	1.88	1.47	1.40	2.00	1.80	1.50	1.40	1.87
New Jersey	1.52	1.70	1.27	1.45	1.60	1.20	1.30	1.08	2.10
Pennsylvania	1.29	3.08	1.39	1.50	1.60	1.40	1.60	1.50	1.80
South Atlantic:									
Delaware	1.44	1.25	1.23	1.35	1.40	1.20	2.00	1.75	1.70
Maryland	1.30	1.38		1.30	1.30	1.20	1.75	1.50	2.00
Virginia	1.68	1.02	.92	1.20	1.40	1.40	1.25	1.00	1.50
West Virginia	.90	1.63	.79	1.20	1.30	1.25	1.40	1.40	1.70
North Carolina	1.10	.91	.89	1.00	.95	1.40	1.20	1.30	1.10
South Carolina	.98	.84	.76	.95	1.00	.85	1.30	1.20	.55
Georgia	1.04	.98	.75	.80	.85	.83	.80	.61	.55
Florida	1.04	1.07	.70	.80	1.00	1.20	1.00	.95	.95
East North Central:									
Ohio	1.28	2.20	1.06	1.20	1.70	1.40	1.50	1.40	1.70
Indiana	1.29	1.40	1.07	1.10	1.60	1.20	1.00	1.20	1.50
Illinois	1.28	1.24	.92	1.40	1.40	1.34	1.50	1.53	1.44
Michigan	1.17	1.50	.75	.94	1.42	1.25	1.10	1.25	1.40
Wisconsin	1.49	1.92	1.40	1.30	1.60	1.40	1.30	1.30	1.61
West North Central:									
Minnesota	1.73	1.55	1.18	1.40	1.60	1.45	1.40	1.30	1.85
Iowa	1.79	1.79	1.41	1.50	1.60	1.50	1.40	1.60	1.80
Missouri	1.22	1.06	1.08	1.20	1.40	1.25	.45	1.10	1.40
North Dakota	1.40	1.35	.60	.80	1.20	1.20	1.40	1.25	1.40
South Dakota	1.20	1.15	.69	1.00	1.20	1.20	1.10	1.20	1.10
Nebraska	1.29	1.01	1.02	1.15	1.40	1.30	1.10	1.25	1.70
Kansas	2.35	1.20	1.24	1.40	1.80	1.50	1.20	1.20	1.80
East South Central:									
Kentucky	1.03	1.02	.88	1.20	1.20	1.00	1.20	1.10	1.55
Tennessee	1.02	.91	.80	.95	1.10	1.00	1.20	.80	.80
Alabama	1.16	.94	.84	1.00	.90	.90	1.00	.75	.65
Mississippi	1.33	1.12	1.08	1.10	.95	1.00	.95	1.02	.80
West South Central:									
Louisiana	1.68	1.21	1.02	1.15	1.25	1.20	1.20	1.50	.65
Texas	1.68	.80	1.15	1.30	1.05	1.00	1.00	1.90	1.10
Oklahoma	2.24	.95	1.16	1.30	1.20	1.20	1.10	1.10	1.00
Arkansas	1.17	.91	.70	.95	1.00	1.10	1.00	.80	1.10
Mountain:									
Montana	1.43	1.53	.37	.45	1.15	1.20	1.40	1.37	1.40
Wyoming	1.35	1.22	.49	.65	1.25	1.20	1.50	1.70	1.50
Colorado	1.19	1.26	.95	1.15	1.10	1.20	1.10	1.20	1.00
New Mexico	1.62	1.32	1.28	1.50	1.20	1.50	.40	1.20	1.30
Arizona	1.33	1.66	1.28	1.20	1.10	1.30	1.50	1.50	1.50
Utah	1.29	1.70	1.13	1.10	1.20	.95	.88	1.69	1.75
Nevada	1.72	1.30	1.06	1.00	1.20	1.22	1.24	1.28	1.50
Idaho	1.36	1.44	.83	1.10	1.50	1.70	1.20	1.50	1.20
Pacific:									
Washington	1.33	1.39	1.13	1.60	1.60	1.70	1.25	1.75	1.25
Oregon	1.31	1.36	1.24	1.30	1.70	1.60	1.20	1.50	.80
California	1.14	1.26	1.19	1.20	1.20	1.20	1.40	1.40	.90
United States	1.28	1.24	.96	1.12	1.31	1.31	1.25	1.37	1.19

Division of Statistical and Historical Research.

<sup>1</sup> Includes legumes cut for hay.<sup>2</sup> Preliminary.

# Hay and Feed Statistics

21

**TABLE 17.—*Hay, annual legumes: Yield per acre in the United States, 1919–1924***

Geographic division and State	Census	Division of Crop and Livestock Estimates					
	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Maine.....	1.05	1.20	1.20	1.10	1.30	1.20	2.00
New Hampshire.....	1.08	1.20	1.10	1.00	1.20	1.30	1.50
Vermont.....	1.42	1.50	1.40	1.30	1.50	1.30	2.00
Massachusetts.....	1.68	1.50	1.50	1.60	1.40	1.50	1.62
Rhode Island.....	1.44	1.50	1.40	1.30	1.40	1.40	2.10
Connecticut.....	1.06	1.20	1.30	1.30	1.40	1.40	2.10
Middle Atlantic:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
New York.....	1.41	1.20	1.28	.80	1.20	1.20	1.60
New Jersey.....	1.43	1.60	1.40	1.30	1.60	1.30	2.12
Pennsylvania.....	1.38	1.80	1.80	1.80	1.90	1.50	1.75
South Atlantic:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Delaware.....	1.23	1.35	1.40	1.45	1.75	1.40	1.95
Maryland.....	1.27	1.40	1.50	1.50	2.00	1.50	1.82
Virginia.....	1.07	1.10	1.20	.70	1.29	1.24	.82
West Virginia.....	1.25	1.20	1.20	1.00	1.60	1.54	1.75
North Carolina.....	.81	.90	.95	1.05	1.03	1.02	.84
South Carolina.....	.79	.85	.95	.82	.85	.71	.38
Georgia.....	.83	.88	.90	.88	.78	.64	.55
Florida.....	.60	.80	.80	1.00	.68	.90	.94
East North Central:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Ohio.....	1.41	1.50	1.60	1.50	1.70	1.50	1.55
Indiana.....	.99	1.05	1.40	1.20	1.49	1.45	1.65
Illinois.....	.86	1.30	1.20	1.30	1.60	1.70	1.35
Michigan.....	.96	1.05	1.30	1.20	1.32	1.50	1.60
Wisconsin.....	1.57	1.50	1.50	1.70	1.20	1.30	1.64
West North Central:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Minnesota.....	1.61	1.60	1.40	1.40	1.20	1.10	1.77
Iowa.....	1.43	1.50	1.60	1.80	1.40	1.90	2.00
Missouri.....	.93	1.10	1.15	1.10	1.20	1.22	1.38
North Dakota.....	.80	.90	1.10	1.20	1.40	1.40	1.67
South Dakota.....	1.03	1.20	1.30	1.10	1.40	1.00	1.10
Nebraska.....	1.13	1.20	1.30	1.40	1.40	1.50	1.30
Kansas.....	1.38	1.30	1.50	1.80	1.40	1.31	1.75
East South Central:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Kentucky.....	.95	1.10	1.10	1.00	1.28	1.45	1.60
Tennessee.....	1.02	1.05	1.30	1.20	1.30	1.19	1.28
Alabama.....	.66	.80	.80	.80	.80	.66	.65
Mississippi.....	.98	1.10	1.10	.90	.99	1.10	.86
West South Central:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Louisiana.....	1.11	1.40	1.35	1.10	1.10	1.14	.73
Texas.....	.91	1.20	1.30	1.20	1.04	.84	.74
Oklahoma.....	1.25	1.30	1.30	1.10	1.30	1.30	1.00
Arkansas.....	.87	1.00	1.15	1.00	1.09	1.08	.82
Mountain:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Montana.....	.73	.80	1.20	1.30	1.30	1.35	1.35
Wyoming.....	.80	1.00	1.50	1.50	—	—	—
Colorado.....	1.38	1.20	1.40	1.50	1.33	1.40	1.50
New Mexico.....	1.06	1.30	1.30	1.30	1.00	1.50	1.20
Arizona.....	1.31	1.50	1.50	—	—	—	—
Utah.....	2.21	1.50	1.40	1.60	—	—	—
Nevada.....	.76	1.60	1.80	1.75	—	—	—
Idaho.....	.90	1.05	1.60	1.20	—	—	—
Pacific:		<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Washington.....	1.45	1.60	1.50	1.60	2.17	2.25	1.85
Oregon.....	1.61	1.75	1.60	1.50	2.00	2.00	1.50
California.....	1.16	1.16	1.20	1.30	1.20	1.50	1.40
United States.....	.93	.99	1.06	.99	1.09	1.05	.96

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 18.—*Hay, millet, Sudan grass, and other miscellaneous hay: Yield per acre in the United States, 1899–1924*

Geographic division and State	Census			Division of Crop and Livestock Estimates					
	1899	1909	1919	1919	1920	1921	1922	1923	1924
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
New England:									
Maine.....	0.85	0.70	0.83	1.04	0.79	0.64	0.95	1.03	0.88
New Hampshire.....	.93	.76	.88	1.03	.98	.82	1.07	.94	.80
Vermont.....	1.08	.86	.98	1.22	1.04	.97	1.13	1.06	1.21
Massachusetts.....	1.13	1.02	1.05	1.26	1.15	1.10	1.01	1.06	1.00
Rhode Island.....	.97	.94	1.01	1.07	1.18	1.06	1.00	1.00	1.06
Connecticut.....	1.01	.94	.97	1.22	.98	1.01	1.05	1.10	.99
Middle Atlantic:									
New York.....	1.07	.83	.90	.89	.98	.95	.89	.83	.91
New Jersey.....	.90	1.17	1.10	1.31	1.20	1.14	1.46	1.46	1.61
Pennsylvania.....	1.11	.97	1.01	1.33	1.22	1.21	1.42	1.14	1.15
South Atlantic:									
Delaware.....	1.05	1.44	1.40	1.60	1.33	1.14	1.25	1.50	1.40
Maryland.....	1.09	1.08	1.01	1.22	1.36	1.19	1.90	.90	1.10
Virginia.....	.99	1.00	.98	1.15	1.30	.97	1.15	1.11	1.40
West Virginia.....	.89	.84	.88	1.13	1.33	1.35	1.20	1.08	1.22
North Carolina.....	1.00	1.02	.94	.90	1.01	1.31	1.40	1.50	1.10
South Carolina.....	1.02	1.00	.87	.84	.82	.75	1.40	1.00	.45
Georgia.....	1.07	1.05	.77	.85	.80	.90	.97	.69	.65
Florida.....	.98	1.04	.88	.77	.79	1.06	.70	.90	.80
East North Central:									
Ohio.....	1.16	.94	.95	1.04	1.50	1.34	1.61	1.60	1.20
Indiana.....	1.14	1.03	.93	1.34	1.33	1.18	1.25	1.25	1.00
Illinois.....	1.14	1.05	.79	1.11	1.09	1.17	1.09	1.20	1.10
Michigan.....	1.13	1.17	1.06	1.25	1.18	1.31	1.23	1.40	1.50
Wisconsin.....	1.31	1.39	1.38	1.57	1.21	1.41	1.20	1.40	1.63
West North Central:									
Minnesota.....	1.49	1.64	1.60	1.92	1.50	1.57	1.40	1.35	1.56
Iowa.....	1.38	1.49	1.53	1.02	1.65	1.63	1.53	1.75	1.79
Missouri.....	1.12	1.13	1.00	1.66	1.45	1.41	1.14	1.60	1.70
North Dakota.....	1.22	1.40	1.23	1.50	1.18	1.38	1.55	1.56	1.75
South Dakota.....	1.51	1.39	1.21	1.62	1.60	1.28	1.63	1.02	1.31
Nebraska.....	1.76	1.39	1.38	1.69	1.70	1.76	1.83	2.30	1.98
Kansas.....	1.66	1.53	1.44	2.13	2.33	2.36	2.18	2.10	1.91
East South Central:									
Kentucky.....	.92	.83	.87	1.27	1.31	1.23	1.31	1.35	1.29
Tennessee.....	1.04	.96	.87	1.12	1.26	1.22	1.24	1.00	1.12
Alabama.....	1.15	1.09	.98	1.07	1.00	1.05	1.14	1.04	.80
Mississippi.....	1.27	1.24	1.15	1.28	1.23	1.08	1.35	1.31	.85
West South Central:									
Louisiana.....	1.34	1.45	1.28	1.44	1.15	1.07	1.11	1.49	.60
Texas.....	1.49	.90	1.40	1.60	1.51	1.41	1.65	1.58	1.11
Oklahoma.....	1.68	1.10	1.34	1.62	1.55	1.37	1.55	1.67	1.25
Arkansas.....	1.14	1.11	.96	1.08	1.18	1.13	1.20	1.20	1.15
Mountain:									
Montana.....	1.32	1.33	.86	.88	1.45	1.38	1.66	1.56	1.40
Wyoming.....	1.21	1.22	.89	1.07	1.32	1.50	1.35	1.59	1.40
Colorado.....	1.38	1.39	1.04	1.34	1.41	1.30	1.33	2.14	1.85
New Mexico.....	1.31	.70	1.13	1.25	1.70	1.52	.60	1.00	1.20
Arizona.....	1.86	1.37	1.62	1.50	1.66	1.75	1.60	1.10	1.10
Utah.....	1.08	1.63	1.32	1.30	1.10	1.40	1.69	1.17	2.25
Nevada.....	1.14	1.54	1.06	1.35	1.50	1.50	1.57	1.33	1.00
Idaho.....	1.41	1.81	1.19	1.20	1.40	1.60	1.40	1.45	1.20
Pacific:									
Washington.....	1.90	1.49	1.75	1.90	1.50	1.50	1.80	2.00	1.10
Oregon.....	1.71	1.74	1.74	1.60	1.40	1.40	1.51	1.60	1.20
California.....	1.28	1.32	1.35	1.35	1.30	1.30	1.10	1.30	2.10
United States.....	1.16	1.07	1.06	1.28	1.24	1.21	1.31	1.34	1.21

Division of Statistical and Historical Research

<sup>1</sup> Preliminary.

TABLE 19.—*Hay, timothy: Yield per acre in the United States, 1909–1924*

Geographic division and State	Census		Division of Crop and Livestock Estimates					
	1909	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Maine	0.87	1.09	1.12	1.25	0.95	1.35	1.32	1.21
New Hampshire	.99	1.21	1.50	1.35	1.15	1.40	1.30	1.30
Vermont	1.11	1.30	1.55	1.50	1.10	1.45	1.40	1.38
Massachusetts	1.44	1.44	1.31	1.80	1.30	1.65	1.50	1.47
Rhode Island	1.32	1.34	1.50	1.40	1.35	1.40	1.30	1.56
Connecticut	1.39	1.41	1.26	1.50	1.60	1.60	1.40	1.51
Middle Atlantic:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
New York	1.07	1.33	1.40	1.20	1.00	1.37	1.32	1.40
New Jersey	1.25	1.18	1.40	1.80	1.30	1.50	.85	1.63
Pennsylvania	1.08	1.16	1.40	1.40	1.20	1.50	1.00*	1.66
South Atlantic:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Delaware	1.28	1.09	1.28	1.43	1.25	1.37	.85	1.55
Maryland	1.17	1.10	1.40	1.45	1.25	1.41	.90	1.63
District of Columbia	1.51	1.70						
Virginia	1.04	1.07	1.25	1.25	1.10	1.20	.75	1.45
West Virginia	.90	.95	1.25	1.30	1.20	1.30	1.10	1.45
North Carolina	.87	.93	1.30	1.40	1.30	1.40	1.30	1.20
South Carolina	.84	1.02						
Georgia	1.09	1.04	1.30	1.00	1.20	1.40	1.00	1.00
Florida	.85	1.00						
East North Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Ohio	1.24	1.18	1.28	1.32	1.22	1.38	1.15	1.50
Indiana	1.20	1.13	1.20	1.28	1.05	1.33	1.20	1.38
Illinois	1.23	1.11	1.14	1.29	1.10	1.33	1.15	1.30
Michigan	1.24	1.09	1.15	1.20	.92	1.35	1.10	1.30
Wisconsin	1.45	1.38	1.63	1.51	1.30	1.51	1.05	1.57
West North Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Minnesota	1.41	1.27	1.73	1.62	1.45	1.43	1.02	1.36
Iowa	1.49	1.25	1.50	1.39	1.31	1.28	1.17	1.38
Missouri	1.08	1.06	1.28	1.20	1.10	.90	.95	1.15
North Dakota	1.08	.91	1.00	1.20	1.30	1.45	1.20	1.15
South Dakota	1.39	1.13	1.40	1.50	1.30	1.25	1.15	1.18
Nebraska	1.40	1.32	1.55	1.80	1.30	1.20	1.40	1.40
Kansas	1.14	1.30	1.48	1.27	1.34	1.19	1.38	1.26
East South Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Kentucky	1.02	1.02	1.25	1.25	1.00	1.30	1.30	1.25
Tennessee	1.08	1.11	1.15	1.25	1.10	1.30	1.05	1.15
Alabama	1.15	1.03	1.30	1.45	1.30	1.50	1.20	1.00
Mississippi	1.60	1.01	1.30	1.50	1.20	1.25		
West South Central:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Louisiana	1.27	1.14	1.30	1.50	1.50	1.50		
Oklahoma	1.01	1.26	1.60	2.00	1.30	1.10	1.20	1.44
Arkansas	.95	1.04	1.25	1.25	1.15	1.00	1.00	.80
Texas	.85	1.28						
Mountain:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Montana	1.45	.78	.80	1.50	1.40	1.50	1.63	1.40
Wyoming	1.52	.97	1.20	1.40	1.30	1.20	1.40	1.30
Colorado	1.60	1.39	1.70	2.00	1.50	1.60	1.60	1.80
New Mexico	1.36	1.22	2.00	2.00	1.80	1.00	1.30	1.70
Arizona	1.52	1.33						
Utah	2.03	1.58	1.80	1.80	1.90	2.05	2.11	1.75
Nevada	1.43	1.14	1.10	1.50	2.00	1.80	1.59	1.50
Idaho	1.37	.88	1.30	1.80	1.80	1.70	1.70	1.15
Pacific:			<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Washington	1.62	1.57	2.08	1.90	2.00	1.69	2.10	1.50
Oregon	1.67	1.48	1.60	1.80	1.90	1.60	1.80	1.50
California	1.46	1.50	1.50	1.40	1.60	1.60	1.50	1.10
United States	1.22	1.17	1.34	1.33	1.17	1.33	1.15	1.38

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 20.—*Hay, tame: Yield per acre in the United States, by States, 1908-1924*

Geographic division and State	Av.												Av.												
	1908	1909	1910	1911	1912	1913	1909-1913	1914	1915	1910	1917	1918	1919	1920	1914-1920	1921	1922	1923	1924						
	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.	Sh.						
New England:																									
Maine.....	0.90	0.95	1.25	1.0	1.16	1.00	1.09	1.15	1.15	1.45	1.35	1.15	1.15	1.09	0.95	1.20	0.81	2.51	2.28	1.15					
N. Hampshire.....	0.92	0.97	1.20	1.05	1.25	1.00	1.09	1.15	1.00	1.45	1.35	1.15	1.20	1.15	0.96	1.23	1.22	1.17							
Vermont.....	1.11	1.25	1.35	1.30	1.50	1.28	1.34	1.20	1.35	1.70	1.62	1.30	1.51	1.34	1.43	1.03	1.39	1.40	1.50						
Massachusetts.....	1.20	1.15	2.88	1.08	1.25	1.21	1.19	1.32	1.50	1.56	1.50	1.20	1.36	1.40	1.41	1.26	1.32	1.37	1.35						
Rhode Island.....	1.50	1.10	1.18	1.00	1.13	1.17	1.12	1.17	1.24	1.35	1.50	1.30	1.39	1.31	1.32	1.29	1.24	1.24	1.38						
Connecticut.....	1.20	1.15	1.35	1.10	1.15	1.14	1.18	1.26	1.35	1.55	1.50	1.30	1.33	1.22	1.30	1.28	1.36	1.32	1.30						
Middle Atlantic:																									
New York.....	1.20	1.05	1.32	1.02	1.25	1.14	1.16	1.20	1.30	1.02	1.46	1.25	1.40	1.25	1.35	1.01	1.40	1.36	1.46						
New Jersey.....	1.60	1.25	1.50	1.05	1.44	1.30	1.31	1.35	1.45	1.60	1.45	1.50	1.50	1.64	1.50	1.33	1.61	1.05	1.62						
Pennsylvania.....	1.50	1.20	1.38	1.00	1.43	1.32	1.27	1.28	1.40	1.60	1.41	1.41	1.38	1.42	1.41	1.20	1.57	1.05	1.61						
South Atlantic:																									
Delaware.....	1.60	1.40	1.43	.88	1.33	1.30	1.27	1.10	1.20	1.45	1.26	1.25	1.36	1.47	1.30	1.22	1.51	1.17	1.67						
Maryland.....	1.60	1.20	1.35	.72	1.31	1.26	1.21	1.16	1.20	1.48	1.25	1.30	1.41	1.52	1.34	1.28	1.62	1.05	1.74						
Virginia.....	1.30	1.30	1.19	.94	1.20	1.27	1.12	1.27	1.35	1.36	1.16	1.35	1.24	1.30	1.21	1.98	1.26	1.01	1.39						
West Virginia.....	1.45	1.25	1.20	.66	1.38	1.25	1.15	1.02	1.50	1.54	1.27	1.31	1.24	1.32	1.30	1.21	1.34	1.19	1.52						
N. Carolina.....	1.50	1.38	1.50	1.05	1.30	1.31	1.31	1.15	1.85	1.30	1.31	1.20	1.02	1.08	1.25	1.19	1.21	1.22	1.99						
S. Carolina.....	1.25	1.23	1.25	1.08	1.15	1.16	1.17	1.15	1.30	1.30	1.08	1.10	1.89	1.94	1.11	.83	.99	.80	.41						
Georgia.....	1.75	1.35	1.40	1.35	1.35	1.40	1.37	1.35	1.50	1.15	1.24	1.28	1.88	1.88	1.10	.89	.84	.66	.58						
Florida.....	1.35	1.38	1.33	1.30	1.26	1.35	1.32	1.35	1.20	1.28	1.10	1.14	1.78	1.81	1.09	1.04	.71	.90	.88						
East North Central:																									
Ohio.....	1.53	1.43	1.39	.98	1.36	1.30	1.29	1.13	1.44	1.57	1.42	1.40	1.34	1.35	1.38	1.27	1.50	1.20	1.58						
Indiana.....	1.50	1.40	1.30	.94	1.37	1.00	1.20	1.00	1.50	1.44	1.45	1.45	1.24	1.31	1.34	1.09	1.37	1.24	1.50						
Illinois.....	1.53	1.45	1.33	.82	1.30	.98	1.18	.85	1.54	1.45	1.25	1.35	1.35	1.25	1.29	1.18	1.45	1.30	1.50						
Michigan.....	1.45	1.30	1.30	1.16	1.33	1.05	1.23	1.28	1.40	1.70	1.50	1.03	1.20	1.20	1.33	1.00	1.45	1.26	1.57						
Wisconsin.....	1.70	1.63	1.00	1.20	1.60	1.62	1.39	1.75	1.70	1.70	1.40	1.78	1.70	1.68	1.35	1.70	1.33	1.90							
West North Central:																									
Minnesota.....	1.68	1.75	1.00	1.00	1.53	1.50	1.36	1.89	1.91	1.85	1.55	1.40	1.85	1.73	1.74	1.56	1.68	1.25	1.70						
Iowa.....	1.70	1.64	1.05	.80	1.40	1.48	1.27	1.38	1.80	1.60	1.23	1.30	1.61	1.52	1.50	1.48	1.47	1.52	1.78						
Missouri.....	1.50	1.35	1.30	.80	1.30	.60	1.03	.70	1.52	1.30	1.15	.90	1.35	1.32	1.18	1.20	1.10	1.22	1.39						
N. Dakota.....	1.30	1.37	.55	1.10	1.40	1.14	1.11	1.45	1.50	1.17	1.88	1.10	1.33	1.24	1.29	1.36	1.57	1.49	1.60						
S. Dakota.....	1.60	1.60	.80	.56	1.46	1.20	1.10	1.70	2.00	1.90	1.90	1.60	1.78	1.86	1.76	1.60	1.81	1.76	1.59						
Nebraska.....	1.55	1.50	1.00	.85	1.35	1.34	1.21	1.69	2.60	2.10	1.60	1.40	2.27	2.42	2.01	2.17	1.95	2.41	2.32						
Kansas.....	1.50	1.45	1.15	.86	1.50	.90	1.17	1.51	2.30	1.56	2.18	1.73	2.07	2.08	1.92	1.78	2.15	2.20	2.05						
East South Central:																									
Kentucky.....	1.35	1.36	1.29	.95	1.23	.87	1.14	.95	1.40	1.40	1.30	1.31	1.31	1.32	1.28	1.10	1.38	1.36	1.45						
Tennessee.....	1.50	1.30	1.40	1.00	1.30	1.21	1.28	2.10	1.47	1.38	1.20	1.35	1.16	1.27	1.29	1.16	1.38	1.15	1.22						
Alabama.....	1.60	1.50	1.43	1.10	1.26	1.28	1.39	1.31	1.45	1.10	1.80	1.81	1.93	1.89	1.04	1.91	1.95	.80	.70						
Mississippi.....	1.50	1.47	1.42	1.50	1.48	1.33	1.44	1.45	1.40	1.40	1.45	1.20	1.36	1.30	1.37	1.14	1.22	1.25	.86						
West South Central:																									
Louisiana.....	1.40	1.50	1.75	1.30	1.65	1.50	1.54	1.90	1.75	1.70	1.60	1.30	1.41	1.37	1.58	1.29	1.33	1.44	.72						
Texas.....	1.65	.95	1.15	1.00	1.40	1.16	1.13	1.75	1.70	1.20	1.00	1.00	1.58	1.47	1.39	1.40	1.61	1.64	1.13						
Oklahoma.....	1.45	1.00	1.05	1.20	1.25	.86	.97	1.13	2.30	1.70	1.60	1.20	1.82	1.73	1.64	1.82	1.67	1.71	1.45						
Arkansas.....	1.50	1.26	1.35	1.16	1.23	1.20	1.24	1.05	1.60	1.25	1.47	1.30	1.27	1.33	1.32	1.26	1.26	1.26	1.26						
Mountain:																									
Montana.....	2.00	1.79	1.40	2.00	1.90	1.80	1.78	2.50	2.00	1.70	1.40	1.60	.99	1.69	1.70	1.79	1.89	1.88	1.71						
Wyoming.....	2.00	2.40	2.40	2.00	2.10	1.90	1.90	2.14	2.30	2.20	1.80	1.70	2.12	1.43	1.98	1.93	1.80	1.90	1.93						
Colorado.....	2.50	2.50	2.00	2.00	2.02	1.95	2.15	2.40	2.00	2.05	2.46	2.22	2.06	2.40	2.25	2.16	1.91	2.05	2.07						
New Mexico.....	2.00	2.80	1.20	1.60	2.33	2.08	2.34	2.60	2.00	2.00	1.90	2.20	2.20	2.32	2.20	2.29	1.80	2.00	2.13						
Arizona.....	3.20	3.30	2.10	1.83	3.68	4.00	4.00	3.33	3.30	2.0	2.08	3.80	3.50	3.20	3.36	3.21	3.40	3.09	2.93	3.56					
Utah.....	2.50	2.50	3.00	2.02	2.02	2.78	2.32	2.70	2.75	2.50	2.20	2.90	2.00	3.10	2.98	2.58	2.47	2.52	2.75	2.69					
Nevada.....	2.00	2.36	3.43	3.03	4.00	3.00	2.75	2.98	3.25	3.00	2.40	2.90	2.60	2.30	2.35	2.69	2.70	2.82	2.67	2.19					
Idaho.....	3.25	2.85	3.00	3.10	2.80	2.90	2.93	2.65	2.70	2.50	3.00	3.00	2.05	2.70	2.69	2.83	2.52	2.50	2.00	2.25					
Pacific:																									
Washington.....	2.25	2.10	2.10	2.40	2.20	2.30	2.22	2.20	2.30	2.40	2.20	1.80	2.02	1.99	2.13	2.22	1.98	2.35	1.73						
Oregon.....	2.00	2.05	2.10	2.10	2.20	2.10	2.11	2.00	2.20	2.30	1.95	1.80	1.84	2.14	2.03	1.20	2.02	2.24	1.46						
California.....	1.35	1.70	1.81	1.75	1.53	1.50	1.66	1.95	1.80	1.75	2.00	1.25	2.25	2.28	1.90	2.32	2.47	2.55	2.23						
U. S. ....	1.53	1.46	1.36	1.14	1.47	1.31	1.35	1.43	1.08	1.64	1.51	1.37	1.53	1.55	1.53	1.40	1.57	1.49	1.59						

### Division of Crop and Livestock Estimates.

#### <sup>1</sup> Preliminary.

TABLE 21.—*Hay, wild: Yield per acre, by States, 1910–1924*

Geographic division and State	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924 <sup>1</sup>
	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons	Sh. tons
New England:															
Maine.....	1.05	0.90	0.96	0.80	0.95	1.08	1.00	0.90	1.00	0.98	1.10	1.10	.96		
New Hampshire.....	1.05	.85	1.05	.80	1.00	1.05	1.05	1.00	.90	1.00	.95	.80	1.00	.94	.95
Vermont.....	1.10	1.05	1.25	1.03	1.07	1.05	1.35	1.00	1.00	1.10	1.00	1.10	1.00	1.00	1.00
Massachusetts.....	1.05	.88	1.06	1.01	1.10	1.05	1.05	1.00	1.00	1.10	1.00	1.00	1.00	1.00	1.00
Rhode Island.....	1.00	.80	.93	.97	1.00	1.00	1.00	.90	.90	1.00	.88	.90	.95	.85	
Connecticut.....	1.00	.90	.95	.89	1.15	.95	1.17	1.00	1.00	1.08	1.00	1.10	1.00	1.20	1.07
Middle Atlantic:															
New York.....	1.05	.87	1.10	1.00	1.30	1.00	1.45	1.25	1.00	1.26	1.19	1.00	1.18	1.18	1.28
New Jersey.....	1.30	.90	1.30	1.15	1.50	1.15	1.45	1.45	1.30	1.20	1.35	1.23	1.40	1.20	1.30
Pennsylvania.....	1.20	.85	1.25	1.20	1.10	1.00	1.55	1.30	.95	1.25	1.24	1.20	1.20	1.15	1.35
South Atlantic:															
Delaware.....	1.25	.80	1.20	1.15	1.24	1.20	1.28	1.12	1.14	1.33	1.50	.87	1.24	1.36	1.75
Maryland.....	1.25	.65	1.35	1.15	1.15	1.10	1.25	1.14	1.17	1.38	1.45	1.20	1.12	1.15	1.40
Virginia.....	1.05	.80	1.10	1.15	.87	1.10	1.05	1.10	1.05	1.12	1.25	.75	1.00	1.00	1.25
West Virginia.....	1.10	.60	1.20	1.15	.95	1.10	1.20	1.20	1.14	1.20	1.10	1.20	1.00	1.00	1.30
North Carolina.....	1.20	1.00	1.10	1.15	1.10	1.40	1.07	1.01	1.00	1.00	1.20	1.00	1.00	1.00	1.00
South Carolina.....	1.20	1.05	1.10	1.15	1.15	1.40	1.25	1.25	1.05	1.10	1.20	.81	1.00	.85	.80
Georgia.....	1.30	1.30	1.30	1.35	1.15	1.20	1.25	1.10	.91	.95	.90	1.00	.92	.90	.60
Florida.....	1.20	1.15	1.10	1.20	1.05	1.15	1.00	1.00	1.10	1.05	.95	.90	.90	.85	.80
East North Central:															
Ohio.....	1.25	.90	1.30	1.20	1.10	1.42	1.50	1.30	1.50	1.30	1.28	1.40	1.50	1.15	----
Indiana.....	1.25	.90	1.30	1.00	1.10	1.20	1.40	1.20	1.20	1.20	1.20	1.07	1.14	1.15	1.00
Illinois.....	1.10	.75	1.10	.85	1.05	1.30	1.20	1.40	1.30	1.15	1.20	1.25	1.15	1.35	
Michigan.....	1.10	.95	1.10	.85	1.25	1.15	1.33	1.25	1.05	1.25	1.28	1.10	1.30	1.20	1.25
Wisconsin.....	.90	1.00	1.25	1.30	1.33	1.35	1.47	1.37	1.55	1.36	1.28	1.20	1.30	1.30	1.30
West North Central:															
Minnesota.....	.70	.70	1.10	1.10	1.44	1.35	1.52	1.24	1.15	1.46	1.40	1.28	1.22	1.15	1.17
Iowa.....	.80	.60	1.00	1.10	1.20	1.35	1.30	1.15	1.20	1.26	1.27	1.16	1.14	1.20	1.26
Missouri.....	1.00	.60	1.00	.60	.84	1.15	1.10	1.00	.75	1.16	1.12	1.10	.95	1.10	1.22
North Dakota.....	.50	.80	1.00	.90	1.02	1.15	1.20	.65	.90	.95	1.00	1.05	1.00	.95	
South Dakota.....	.60	.40	1.00	.80	1.10	1.40	1.25	.90	1.00	1.00	1.12	.80	.90	1.20	.75
Nebraska.....	.75	.65	1.00	.90	1.07	1.20	1.10	.85	.88	1.02	1.02	.84	.85	1.10	1.00
Kansas.....	.90	.60	1.05	.70	.96	1.40	1.10	.80	.60	1.15	.97	1.19	1.10	1.18	1.13
East South Central:															
Kentucky.....	1.05	.90	1.05	.80	1.20	1.20	1.15	1.50	1.00	1.10	1.00	.90	1.15	1.00	1.20
Tennessee.....	1.15	.95	1.10	1.05	1.20	1.10	1.20	1.10	1.00	1.10	1.15	1.15	1.10	1.10	1.00
Alabama.....	1.20	1.20	1.10	1.15	1.38	1.20	1.20	1.05	1.00	1.00	.90	.80	.80	.70	
Mississippi.....	1.20	1.30	1.25	1.15	1.20	1.10	1.25	1.22	1.20	1.30	1.30	1.00	1.10	1.20	.60
West South Central:															
Louisiana.....	1.35	1.00	1.25	1.20	1.55	1.40	1.40	1.25	1.00	1.50	1.30	1.30	1.40	1.20	1.00
Texas.....	.90	.70	1.00	.90	1.25	1.40	1.05	.75	.60	1.25	1.10	1.10	1.10	1.10	1.00
Oklahoma.....	.80	.60	.90	.70	.68	1.25	1.00	.56	.56	1.20	1.00	.98	.90	.98	.90
Arkansas.....	1.05	.90	1.00	1.00	1.00	1.20	1.00	1.12	.90	1.20	1.15	1.05	1.00	1.21	.75
Mountain:															
Montana.....	.80	1.10	1.00	.95	.94	1.10	.90	.75	.75	.35	.95	.80	.90	.91	.90
Wyoming.....	1.00	.95	.90	.90	1.00	.95	.95	1.00	1.10	.92	1.00	.80	.95	1.05	.90
Colorado.....	.90	.90	1.10	.95	1.20	1.12	.92	1.02	.94	.89	1.05	1.00	.97	1.05	1.00
New Mexico.....	.70	.95	.90	.70	.80	.90	.65	.87	.70	.90	.82	.85	.80	.80	.80
Arizona.....	.70	1.05	.75	1.00	.80	.70	1.00	1.25	1.00	1.00	.80	1.00	.50	1.25	.50
Utah.....	1.60	1.55	1.60	1.50	1.60	1.60	1.50	1.75	1.10	1.17	1.23	1.10	1.38	1.52	1.35
Nevada.....	1.60	1.60	1.30	1.10	1.50	1.30	1.00	1.50	.50	.84	1.00	1.11	1.50	1.09	1.00
Idaho.....	1.50	1.60	1.40	1.50	1.25	1.40	1.20	1.40	1.10	1.00	1.20	1.50	1.20	1.20	1.15
Pacific:															
Washington.....	1.20	1.40	1.25	1.25	1.30	1.20	1.40	1.40	1.33	1.20	1.15	1.50	1.14	1.58	1.00
Oregon.....	1.15	1.20	1.25	1.20	1.22	1.30	1.10	1.10	1.00	1.18	1.20	1.10	1.00	1.10	.75
California.....	1.10	1.10	1.00	1.00	1.20	1.10	1.00	1.15	.95	1.04	1.10	1.10	1.00	1.00	.74
United States.....	.77	.71	1.04	.92	1.11	1.27	1.19	.93	.94	1.07	1.11	.98	1.02	1.12	.97

Division of Crop and Livestock Estimates.

<sup>1</sup> Preliminary.

TABLE 22.—*Hay, alfalfa: Production, by States, 1899–1924*

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	Census				Division of Crop and Livestock Estimates								
	1899	1909	1919	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:													
Maine			1				2						
New Hampshire			1	3	4		11						3
Vermont			4	13	25	2	13	2	3	3	3	2	3
Massachusetts			3	28	30	26	12	3	3	3	3	4	3
Rhode Island				1	1	2	1						
Connecticut	1		3	35	26	29	22	2	3	4	4	2	3
Middle Atlantic:													
New York	13	87	258	330	351	444	217	326	330	362	426	301	447
New Jersey	3	30	52	45	36	64	40	40	39	48	42	66	
Pennsylvania	9	64	130	156	173	257	81	74	82	94	86	85	85
South Atlantic:													
Delaware	1	5	3	5	8	6	6	6	5	6	5	5	5
Maryland	7	25	19	27	36	26	31	34	29	44	34	49	
Virginia	1	7	50	47	73	54	108	53	57	41	67	74	79
West Virginia	1	9	22	32	35	21	11	12	12	15	14	16	
North Carolina	1	6	16	17	12	29	7	7	6	10	9	14	
South Carolina		6	11	13	10	24	6	7	7	7	6	5	
Georgia	1	5	16	23	20	31	7	6	9	10	8		7
Florida				1									
East North Central:													
Ohio	4	70	188	243	281	263	246	217	222	225	295	312	310
Indiana	1	40	108	167	166	143	131	140	175	168	222	252	218
Illinois	10	52	215	270	287	272	280	236	270	277	335	394	504
Michigan	1	14	119	242	304	261	163	148	218	322	578	710	1,063
Wisconsin	1	50	150	361	243	265	160	175	236	348	246	356	742
West North Central:													
Minnesota	2	6	115	97	157	130	136	130	171	200	230	288	724
Iowa	0	85	438	252	296	213	248	464	511	544	513	600	842
Missouri	0	96	365	241	266	264	335	305	423	336	408	435	500
North Dakota	1	6	75	132	149	67	74	100	106	123	162	168	240
South Dakota	28	154	763	561	599	500	813	903	1,069	905	1,205	1,239	1,094
Nebraska	275	1,522	2,220	2,806	2,527	1,523	1,584	3,068	3,329	2,823	2,407	3,024	2,906
Kansas	602	1,999	2,488	2,478	1,590	1,387	1,354	2,710	2,708	1,917	2,252	2,221	2,139
East South Central:													
Kentucky	1	38	81	57	76	80	112	112	102	95	133	128	119
Tennessee	1	11	33	35	58	37	49	42	42	45	58	61	62
Alabama	0	13	31	22	25	53	23	19	17	30	38	34	
Mississippi	17	65	21	22	27	37	84	64	60	55	53	22	
West South Central:													
Louisiana	4	28	17	42	44	56	30	19	23	34	50	49	16
Texas	33	98	137	145	98	60	81	157	148	142	144	164	111
Oklahoma	30	322	680	671	562	496	362	814	746	731	706	695	691
Arkansas	5	33	128	89	70	100	71	165	189	183	164	169	119
Mountain:													
Montana	187	600	587	961	715	469	683	626	912	1,048	1,069	1,152	1,234
Wyoming	173	398	514	883	741	849	929	594	1,005	918	1,021	1,050	990
Colorado	1,108	1,266	1,779	1,665	1,213	1,595	1,407	1,916	2,366	2,045	1,759	1,762	1,847
New Mexico	155	266	279	323	248	296	179	338	343	343	257	270	
Arizona	137	195	338	358	527	533	320	538	357	424	496	540	580
Utah	682	781	749	749	600	965	732	766	1,034	1,112	1,287	1,372	
Nevada	224	238	331	601	427	453	356	328	308	384	410	401	328
Idaho	426	965	1,741	969	858	1,165	1,008	1,855	2,194	2,217	2,009	1,971	1,528
Pacific:													
Washington	119	358	656	523	422	533	337	682	644	805	790	846	669
Oregon	146	375	592	468	430	446	320	656	760	770	816	861	615
California	839	1,640	2,413	1,819	1,838	2,287	1,226	3,318	3,404	3,482	3,618	3,728	3,754
United States	5,221	11,860	18,858	19,046	16,655	16,589	14,568	22,364	24,758	23,705	24,434	25,990	26,382

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

# Hay and Feed Statistics

27

**TABLE 23.—Hay, clover: Production in the United States, 1899–1924**

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	Census			Division of Crop and Livestock Estimates									
	1899	1909	1919	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:													
Maine	9	6	12	119	261	241	188	57	43	34	61	66	57
New Hampshire	3	3	4	41	54	55	45	17	18	13	22	24	22
Vermont	6	7	10	170	216	248	104	36	32	23	40	46	46
Massachusetts	6	3	5	74	75	77	87	24	20	16	24	25	27
Rhode Island	1	1	4	6	6	5	10	2	2	2	2	2	2
Connecticut	1	3	5	54	76	65	64	20	16	20	24	27	26
Middle Atlantic:													
New York	115	115	186	1,043	1,234	1,197	868	771	620	468	755	770	759
New Jersey	53	9	12	78	84	77	69	44	45	35	48	33	65
Pennsylvania	336	74	115	825	1,016	814	1,114	428	456	358	462	309	481
South Atlantic:													
Delaware	24	27	20	23	34	9	11	25	28	17	25	18	24
Maryland	71	33	52	89	175	126	207	143	162	107	159	86	167
Virginia	100	63	94	184	237	174	357	260	223	180	230	134	251
West Virginia	24	7	18	164	209	156	198	86	88	83	115	90	117
North Carolina	28	39	76	143	123	95	153	126	122	109	141	147	109
South Carolina	2	1	1	14	10	8	12	—	—	—	3	3	2
Georgia	2	2	3	17	16	14	19	4	5	5	4	4	3
Florida	2	—	2	1	4	1	—	—	—	—	—	—	—
East North Central:													
Ohio	774	238	301	931	1,122	884	1,106	924	866	822	1,266	858	1,186
Indiana	956	315	366	788	778	745	1,147	692	727	522	1,015	469	671
Illinois	439	540	628	847	1,149	677	1,399	1,203	945	879	1,640	928	1,522
Michigan	264	217	131	916	1,122	771	734	676	611	526	1,033	953	1,160
Wisconsin	303	194	315	1,217	1,083	1,080	679	1,231	1,372	941	1,341	949	1,394
West North Central:													
Minnesota	129	108	174	779	822	732	545	752	842	626	688	461	649
Iowa	229	196	428	1,386	1,124	566	1,292	1,260	1,044	1,049	1,255	1,163	1,642
Missouri	493	309	232	765	753	586	726	661	690	653	950	777	938
North Dakota	1	13	26	47	24	74	21	32	55	217	215	236	—
South Dakota	5	4	20	73	143	59	90	53	52	52	84	86	93
Nebraska	73	47	60	298	214	160	140	99	102	99	104	170	346
Kansas	214	79	35	203	143	98	64	77	104	110	149	190	206
East South Central:													
Kentucky	160	81	121	277	317	267	350	264	254	194	297	258	251
Tennessee	107	202	259	335	340	297	461	362	415	285	434	358	401
Alabama	2	8	9	26	22	38	66	14	21	27	32	38	34
Mississippi	3	12	124	52	77	88	88	130	142	132	124	115	78
Louisiana	3	15	48	79	133	45	18	46	58	62	58	61	29
Texas	3	1	1	2	2	—	—	—	—	—	—	—	—
Oklahoma	1	2	4	1	2	2	20	8	8	10	8	10	8
Arkansas	20	18	37	73	61	81	52	88	77	68	75	85	61
Mountain:													
Montana	23	24	14	78	70	54	95	40	67	70	81	99	127
Idaho	35	21	30	146	123	136	208	72	84	98	50	64	56
Wyoming	2	1	4	24	21	2	—	13	30	26	40	40	45
Colorado	5	4	7	21	40	26	—	27	40	22	32	41	43
New Mexico	2	4	4	—	2	4	4	4	4	4	3	4	4
Utah	3	2	4	24	34	28	23	18	12	8	2	4	4
Nevada	1	—	1	14	6	3	—	4	6	6	2	2	1
Pacific:													
Washington	40	22	37	149	173	176	102	150	159	180	180	189	148
Oregon	70	84	103	280	313	210	230	176	198	212	308	397	238
California	23	20	25	42	87	75	81	24	26	28	20	26	21
United States..	5,167	3,168	4,147	12,896	14,145	11,278	13,229	11,030	10,864	9,237	13,603	10,789	13,760

Division of Statistical and Historical Research.

† Preliminary.

TABLE 24.—*Hay, mixed clover and timothy: Production in the United States, 1909-1924*

[Thousands short tons—i. e., 1,000 omitted.]

Geographic division and State	Census		Division of Crop and Livestock Estimates									
	1909	1910	1915	1910	1917	1918	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:												
Maine	550	727	516	653	680	629	870	589	634	846	854	787
New Hampshire	203	224	141	192	205	129	205	206	172	234	240	244
Vermont	628	858	406	600	549	467	878	766	531	700	825	916
Massachusetts	249	221	236	217	278	216	209	209	178	216	231	235
Rhode Island	28	22	11	19	23	22	24	20	21	23	22	24
Connecticut	148	116	69	103	140	177	124	122	134	139	124	131
Middle Atlantic:												
New York	3,215	3,970	1,840	2,432	2,117	2,007	3,306	2,858	2,041	3,192	3,158	3,464
New Jersey	237	192	188	222	186	203	168	224	100	221	148	258
Pennsylvania	1,831	2,060	1,606	1,927	1,428	1,243	1,068	2,148	1,883	2,509	1,622	2,549
South Atlantic:												
Delaware	32	34	26	29	43	67	32	38	29	36	24	48
Maryland	215	226	157	213	189	213	190	226	192	235	135	269
Virginia	367	414	274	328	281	465	314	323	202	405	275	528
West Virginia	250	326	274	275	248	261	331	358	310	389	350	463
North Carolina	39	48	45	63	49	66	52	57	54	63	51	63
South Carolina	1	6	3	1	6	6	4	4	4	4	4	4
Georgia	4	2	7	10	14	13	3	3	2	4	2	2
Florida	1			1								
East North Central:												
Ohio	1,346	1,467	1,206	1,531	1,126	1,393	1,023	1,206	1,204	1,494	1,058	1,485
Indiana	525	748	757	911	763	983	622	799	803	945	612	1,013
Illinois	1,123	1,190	866	1,163	711	1,026	787	828	860	1,188	874	1,255
Michigan	1,992	2,046	1,228	1,753	1,366	951	1,078	1,651	1,207	1,782	1,291	1,726
Wisconsin	2,477	3,224	1,533	1,503	1,670	1,158	2,752	2,633	1,743	2,687	2,112	2,808
West North Central:												
Minnesota	1,433	1,543	1,072	1,154	1,014	985	1,196	1,034	976	1,181	862	1,089
Iowa	3,732	2,653	2,709	2,515	1,451	1,740	1,919	1,894	1,826	1,962	1,860	2,150
Missouri	1,630	959	1,159	1,109	850	559	746	1,126	994	1,030	1,222	1,415
North Dakota	40	21	46	75	43	124	19	24	28	29	22	29
South Dakota	219	87	189	199	156	136	72	108	96	125	120	139
Nebraska	471	128	410	291	219	140	296	206	184	122	143	77
Kansas	357	57	244	182	123	97	62	76	64	111	137	137
East South Central:												
Kentucky	205	279	239	303	273	322	212	247	156	297	260	280
Tennessee	237	204	238	239	139	231	204	199	202	287	260	290
Alabama	4	3	7	4	13	13	3	3	3	4	3	3
Mississippi	3	4	4	9	10	5	9	11	10	3	2	2
West South Central:												
Louisiana	6	2	4	8	4	6	3	4	4	5	1	1
Texas	1	1	8	0	2		9	11	6	6		
Oklahoma	6	6	1	5	7		6	9	7	8	7	7
Arkansas	72	91	118	75	100	71	90	84	74	66	60	47
Mountain:												
Montana	156	150	155	239	236	70	128	252	262	285	330	171
Wyoming	16	42	48	73			20	48	42	48	56	49
Colorado	85	215	64	119	159	25	172	224	179	152	207	236
New Mexico	3	3	9	4	8	4	4	4	4	2	3	3
Arizona	1						2	2	2	2		
Utah	24	54	60	42	39	23	47	50	55	67	52	47
Nevada	26	20	14	5	50		18	24	25	27	18	18
Idaho	100	119	146	157	190	226	116	131	160	185	180	141
Pacific:												
Washington	253	306	187	192	186	146	209	195	216	188	245	180
Oregon	129	136	168	117	63	82	89	96	106	69	69	51
California	73	75	42	44	121	31	75	78	88	73	88	68
United States	24,749	25,342	18,802	21,307	17,528	16,701	21,282	21,407	18,028	23,640	20,210	24,895

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 25.—*Hay, grains cut green: Production in the United States, 1899–1924*  
 [Thousand short tons—i. e., 000 omitted]

Geographic division and State	Census			Division of Crop and Livestock Estimates									
	1899 <sup>1</sup>	1909 <sup>1</sup>	1919	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924 <sup>2</sup>
New England:													
Maine.....	21	25	25	46	43	48	42	26	22	29	34	35	27
New Hampshire.....	25	25	21	35	57	38	22	21	17	19	13	22	20
Vermont.....	33	48	33	79	67	8	52	29	32	34	29	32	35
Massachusetts.....	36	46	32	88	52	27	18	29	29	33	27	28	28
Rhode Island.....	6	5	5	7	5	6	1	5	5	5	5	5	5
Connecticut.....	19	21	22	49	46	31	21	20	19	22	22	24	25
Middle Atlantic:													
New York.....	97	89	130	110	141	43	163	125	130	234	120	120	166
New Jersey.....	10	30	12	11	9	9	5	13	11	12	6	8	17
Pennsylvania.....	58	25	17	43	52	35	43	20	18	28	28	27	34
South Atlantic:													
Delaware.....	4	6	4	2	13	4	4	4	4	5	6	4	5
Maryland.....	10	12	8	9	21	17	13	8	8	12	14	12	24
Virginia.....	44	56	51	33	60	77	31	67	74	70	62	41	56
West Virginia.....	13	7	21	22	25	19	21	31	39	44	55	55	70
North Carolina.....	57	119	53	78	66	65	44	59	53	70	94	104	84
South Carolina.....	48	134	50	29	37	34	35	62	71	51	44	42	16
Georgia.....	42	129	43	41	50	82	63	46	51	52	43	28	28
Florida.....	4	13	5	7	11	3	8	6	8	6	5	6	5
East North Central:													
Ohio.....	78	12	21	40	36	25	24	36	53	75	56	102	
Indiana.....	87	67	65	45	50	58	33	67	70	113	300	178	244
Illinois.....	182	100	64	38	48	28	93	98	52	86	110	95	143
Michigan.....	50	29	44	17	47	27	27	55	40	108	19	34	45
Wisconsin.....	54	26	39	67	66	65	80	36	32	84	47	58	50
West North Central:													
Minnesota.....	46	31	108	65	87	87	91	125	45	42	56	104	102
Iowa.....	156	31	66	63	71	62	50	70	50	48	38	50	32
Missouri.....	152	94	205	93	133	64	56	228	179	240	39	50	95
North Dakota.....	30	61	387	119	187	108	149	259	392	323	391	320	399
South Dakota.....	32	28	75	37	57	43	45	109	128	94	88	96	79
Nebraska.....	54	20	82	159	116	150	93	46	38	35	43	42	53
Kansas.....	223	25	91	284	195	152	226	50	41	70	52	36	48
East South Central:													
Kentucky.....	57	55	82	32	45	33	42	118	108	135	148	143	219
Tennessee.....	185	137	103	77	87	75	99	123	146	130	108	76	84
Alabama.....	17	67	45	40	66	168	228	54	53	106	100	88	67
Mississippi.....	65	73	18	38	36	36	23	16	14	17	10,	10	8
West South Central:													
Louisiana.....	112	127	6	48	44	142	12	7	8	18	12	9	3
Texas.....	87	55	198	181	127	116	193	217	159	136	109	95	47
Oklahoma.....	65	24	110	257	131	209	147	122	120	134	53	58	48
Arkansas.....	73	97	136	36	46	46	52	183	170	123	82	60	88
Mountain:													
Montana.....	58	70	171	78	128	77	111	210	360	242	273	285	403
Wyoming.....	20	24	50	97	63	29	108	66	114	88	106	128	129
Colorado.....	55	94	125	171	179	125	74	152	108	126	121	128	94
New Mexico.....	8	17	34	67	74	47	122	40	36	4	13	16	
Arizona.....	21	30	30	94	63	12	168	28	20	31	33	27	26
Utah.....	4	3	18	20	30	20	23	18	16	14	12	19	19
Nevada.....	4	5	7	13	5	31	13	7	11	9	10	8	9
Idaho.....	125	140	140	128	210	291	228	185	231	253	161	224	202
Pacific:													
Washington.....	302	500	537	766	768	498	527	716	763	835	612	858	722
Oregon.....	321	509	581	617	723	595	346	607	768	782	492	620	338
California.....	1,716	2,020	1,297	2,116	2,056	1,714	1,477	1,302	1,284	1,238	1,400	1,302	820
United States.....	4,985	5,307	5,463	6,576	6,728	5,677	5,517	5,909	6,177	6,475	5,715	5,876	5,377

Division of Statistical and Historical Research.

<sup>1</sup> Includes legumes cut for hay.<sup>2</sup> Preliminary.

TABLE 26.—*Hay, annual legume: Production in the United States, 1919–1924*

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	Census	Division of Crop and Livestock Estimates					
	1919	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:							
Maine	3	2	4	4	3	2	4
New Hampshire	1	1	1	2	2	3	3
Vermont	2	2	1	3	2	1	2
Massachusetts	2	2	2	3	1	2	2
Rhode Island	1	2	1	1	1	1	2
Connecticut	3	2	3	1	1	1	2
Middle Atlantic:							
New York	8	6	6	4	6	6	8
New Jersey	4	5	4	4	5	4	8
Pennsylvania	5	7	7	7	8	6	9
South Atlantic:							
Delaware	9	9	11	13	23	28	39
Maryland	10	21	24	27	48	48	73
Virginia	120	231	272	168	291	302	172
West Virginia	11	11	14	13	24	20	38
North Carolina	96	288	272	361	408	394	325
South Carolina	133	162	186	205	291	242	124
Georgia	189	358	391	413	395	359	328
Florida	15	42	44	53	34	53	50
East North Central:							
Ohio	8	9	16	15	29	75	96
Indiana	18	20	49	60	142	107	132
Illinois	60	93	101	120	240	406	436
Michigan	6	7	8	14	33	54	51
Wisconsin	8	8	12	41	36	45	51
West North Central:							
Minnesota	10	10	27	27	38	58	35
Iowa	11	10	14	18	10	23	30
Missouri	43	52	72	77	128	202	304
North Dakota	22	25	31	34	39	35	42
South Dakota	5	6	31	21	17	12	13
Nebraska	9	10	8	7	6	8	6
Kansas	15	7	4	7	8	10	24
East South Central:							
Kentucky	33	38	50	67	123	139	160
Tennessee	286	294	338	338	407	371	399
Alabama	144	365	366	355	304	266	306
Mississippi	67	75	101	115	191	222	195
West South Central:							
Louisiana	83	119	117	102	116	127	78
Texas	62	68	78	65	52	47	48
Oklahoma	27	32	31	33	43	43	38
Arkansas	67	77	112	108	140	148	103
Mountain:							
Montana	5	5	7	6	5	7	9
Wyoming	2	2	3	3			
Colorado	18	16	14	15	20	20	39
New Mexico	4	4	4	4	3	4	4
Arizona	1	2	2				
Utah	4	3	1	2			
Nevada	1	2	2	2			
Idaho	3	4	2	1			
Pacific:							
Washington	11	11	10	11	15	16	13
Oregon	40	44	40	38	96	98	74
California	30	30	31	34	31	30	25
United States	1,716	2,599	2,925	3,020	3,813	4,037	3,895

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

# Hay and Feed Statistics

31

TABLE 27.—*Hay, millet, Sudan grass, and other miscellaneous hay: Production in the United States, 1899–1924*

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	Census			Division of Crop and Livestock Estimates									
	1899	1909	1919	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:													
Maine	1,035	276	258	258	278	233	126	323	329	269	408	448	383
New Hampshire	531	141	142	128	191	214	247	194	187	169	195	168	143
Vermont	1,015	174	147	192	183	248	272	233	222	247	233	272	
Massachusetts	604	166	157	113	143	155	75	188	212	207	187	198	187
Rhode Island	60	16	13	26	25	43	5	16	20	18	16	16	17
Connecticut	443	164	147	104	123	112	101	185	166	169	174	183	164
Middle Atlantic:													
New York	5,101	444	534	494	563	340	542	561	617	567	543	510	598
New Jersey	285	38	28	42	48	27	22	34	40	40	41	28	48
Pennsylvania	3,188	102	87	217	234	178	214	114	98	109	102	82	99
South Atlantic:													
Delaware	39	3	6	13	20	5	8	6	8	8	5	8	7
Maryland	319	9	18	32	35	27	32	22	34	31	38	17	23
Virginia	453	109	105	128	201	139	248	124	136	102	129	114	129
West Virginia	500	76	79	164	108	87	125	102	132	136	126	108	129
North Carolina	125	85	108	282	243	238	226	135	146	186	220	220	103
South Carolina	52	33	77	223	268	227	207	75	71	60	105	55	27
Georgia	72	75	115	256	350	424	414	127	125	133	143	89	87
Florida	14	24	45	51	80	103	58	46	41	55	50	60	59
East North Central:													
Ohio	2,648	57	25	81	127	142	82	36	39	39	50	48	48
Indiana	1,586	76	54	152	165	146	66	91	88	94	100	88	70
Illinois	2,874	170	281	385	367	282	326	411	342	400	365	413	424
Michigan	2,202	27	51	87	118	128	81	60	47	106	102	122	144
Wisconsin	2,176	68	83	158	155	195	200	94	85	276	90	122	83
West North Central:													
Minnesota	1,208	239	327	227	262	247	272	393	279	250	162	173	161
Iowa	4,145	139	112	252	197	135	100	118	102	109	113	114	122
Missouri	3,060	190	141	431	399	389	224	220	199	212	182	277	255
North Dakota	151	223	325	205	243	133	421	397	335	508	558	410	541
South Dakota	224	121	116	268	242	192	316	154	181	106	122	146	106
Nebraska	500	243	208	592	504	342	279	420	309	245	320	409	309
Kansas	1,008	331	182	609	377	343	354	469	513	432	818	894	602
East South Central:													
Kentucky	408	175	227	264	272	233	224	331	335	288	331	328	197
Tennessee	327	295	325	481	493	371	494	439	478	459	413	323	368
Alabama	57	108	206	244	312	878	770	250	218	252	251	199	144
Mississippi	45	95	205	231	235	207	218	212	184	150	175	187	100
West South Central:													
Louisiana	20	40	70	258	211	166	101	85	70	45	41	61	30
Texas	323	234	383	451	351	268	244	418	426	546	738	877	638
Oklahoma	104	94	188	323	243	203	147	589	578	553	786	782	628
Arkansas	77	55	142	174	150	191	136	160	192	180	182	185	173
Mountain:													
Montana	243	79	64	77	70	35	80	66	130	128	136	147	218
Wyoming	56	136	59	85	52	40	47	72	102	120	81	62	55
Colorado	123	143	132	107	199	257	395	168	179	117	117	235	246
New Mexico	4	20	27	26	37	18	31	40	39	35	21	34	44
Arizona	2	3	15	18	37	5	5	15	14	7	12	10	10
Utah	70	32	33	34	38	51	11	33	25	24	27	16	32
Nevada	31	40	32	13	16	14	6	40	45	42	47	40	28
Idaho	141	72	25	55	70	73	62	25	45	48	28	30	12
Pacific:													
Washington	302	43	91	37	87	137	103	99	80	81	90	102	56
Oregon	325	108	143	187	235	188	115	131	119	119	116	126	95
California	199	122	67	170	306	312	188	68	70	65	55	69	122
United States	38,475	5,713	6,404	9,370	9,670	9,056	8,996	8,575	8,443	8,507	9,358	9,566	8,536

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 28.—*Hay, timothy: Production in the United States, 1909–1924*

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	Census		Division of Crop and Livestock Estimates									
	1909	1919	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924 <sup>1</sup>
New England:												
Maine.....	144	167	383	505	356	405	171	171	134	193	190	174
New Hampshire.....	83	78	158	289	171	90	87	80	60	87	81	81
Vermont.....	180	148	425	666	541	404	158	158	110	149	146	146
Massachusetts.....	154	113	168	232	127	148	102	115	92	110	107	104
Rhode Island.....	22	18	22	22	11	36	12	11	11	11	10	12
Connecticut.....	82	58	182	201	148	113	52	63	60	69	60	65
Middle Atlantic:												
New York.....	1,150	1,080	1,675	2,326	1,969	1,519	1,820	1,580	1,291	1,781	1,733	1,799
New Jersey.....	147	88	152	192	173	150	105	130	110	120	85	122
Pennsylvania.....	1,200	1,128	1,519	1,823	1,701	1,414	1,361	1,361	1,160	1,388	935	1,491
South Atlantic:												
Delaware.....	23	11	17	15	29	11	13	16	12	15	8	17
Maryland.....	160	92	162	217	158	149	116	117	100	120	73	135
Virginia.....	170	98	279	316	261	264	114	105	100	130	79	155
West Virginia.....	278	218	449	521	458	407	286	304	276	307	252	339
North Carolina.....	16	10	84	60	69	88	28	34	35	38	30	30
South Carolina.....	2	1	3	3	3	3	3	3	3	3	2	2
Georgia.....	3	2	9	11	8	12	3	2	4	3	2	2
Florida.....	1			1	1	1						
East North Central:												
Ohio.....	2,349	1,702	1,458	2,005	1,714	1,270	1,838	1,872	1,725	1,863	1,508	2,055
Indiana.....	1,442	911	1,121	1,242	1,149	884	970	973	803	971	893	1,076
Illinois.....	1,948	1,135	1,444	1,771	1,468	1,445	1,163	1,321	1,132	1,406	1,155	1,227
Michigan.....	929	718	998	1,331	1,284	707	754	772	603	913	755	832
Wisconsin.....	1,110	800	1,172	1,370	1,320	1,317	945	798	699	1,001	601	944
West North Central:												
Minnesota.....	1,101	656	1,007	1,014	658	818	891	812	916	781	584	741
Iowa.....	1,953	1,014	1,638	1,717	1,460	1,242	1,212	1,101	1,100	1,034	880	891
Missouri.....	1,336	1,234	1,947	1,773	1,504	810	1,494	1,532	1,338	1,109	1,085	1,313
North Dakota.....	198	173	132	234	109	273	190	237	237	223	167	152
South Dakota.....	249	131	122	185	152	271	162	249	218	168	148	156
Nebraska.....	139	70	227	233	150	93	73	75	47	26	28	20
Kansas.....	144	162	244	117	114	129	185	198	161	120	104	108
East South Central:												
Kentucky.....	353	243	391	499	382	336	298	289	219	200	285	270
Tennessee.....	131	87	230	232	223	214	90	100	84	136	106	126
Alabama.....	5	2	14	14	38	13	3	3	3	3	2	2
Mississippi.....	2	2	4	6	3	5	3	3	2	2		
West South Central:												
Louisiana.....	1	2	7	2	3	3	3	3	3	3	3	3
Texas.....	1	7			2							
Oklahoma.....	10	6	10	2	3	8	10	6	4	5	7	
Arkansas.....	35	25	67	66	55	78	30	34	32	25	20	10
Mountain:												
Montana.....	171	63	201	182	102	318	65	135	113	124	142	98
Wyoming.....	45	29	73	94	32	62	36	45	42	60	73	65
Colorado.....	82	62	106	238	214	99	76	88	72	72	70	79
New Mexico.....	3	8	13	7	13	7	12	10	9	2	3	3
Utah.....	34	21	89	101	34	101	23	23	23	18	27	23
Nevada.....	21	5	20	81	128	104	4	8	10	9	11	10
Idaho.....	140	73	384	332	320	268	108	146	142	158	180	120
Pacific:												
Washington.....	143	79	208	278	249	190	106	95	106	84	109	76
Oregon.....	67	46	150	137	136	99	50	58	61	32	36	30
California.....	20	19	42	44	101	32	20	18	20	20	22	15
United States.....	17,985	12,790	19,230	22,087	19,390	16,397	15,238	15,211	13,486	15,176	12,776	15,125

Division of Statistical and Historical Research.

<sup>1</sup> Preliminary.

TABLE 29.—*Hay, millet, or Hungarian grass: Area and production in the United States, 1899–1918*

Geographic division and State	Census						Division of Crop and Livestock Estimates			
	Area		Yield per acre		Production		Production			
	1899	1900	1899	1900	1899	1900	1915	1916	1917	1918
New England:			1,000 acres	1,000 acres	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
Maine.....	5	11	1.66	1.58	8	17	60	61	45	14
New Hampshire.....	4	5	1.73	1.70	7	9	30	38	20	28
Vermont.....	3	6	1.82	2.25	8	14	46	67	5	28
Massachusetts.....	5	7	1.80	2.26	10	15	49	53	30	23
Rhode Island.....	1	1	1.75	1.92	1	1	8	6	5	2
Connecticut.....	1	3	1.62	1.51	1	5	20	17	8	21
Middle Atlantic:										
New York.....	10	17	1.76	1.81	18	31	110	105	105	54
New Jersey.....	5	2	1.37	1.30	6	2	16	12	7	11
Pennsylvania.....	9	8	1.58	1.40	14	11	87	78	74	43
South Atlantic:										
Delaware.....	1	1	1.46	1.45	1	1	7	5	5	6
Maryland.....	2	2	1.48	1.33	3	3	9	14	10	13
Virginia.....	13	11	1.15	1.28	15	15	57	73	48	93
West Virginia.....	5	8	1.10	1.15	5	9	44	38	24	10
North Carolina.....	2	3	1.38	1.18	3	4	23	20	22	22
South Carolina.....	1	1	1.70	1.37	1	2	11	6	6	6
Georgia.....	5	4	1.23	1.16	6	4	28	32	32	19
Florida.....	1	1	1.83	1.22	—	1	4	4	4	1
East North Central:										
Ohio.....	13	8	1.50	1.51	20	12	41	76	58	41
Indiana.....	21	19	1.42	1.30	30	25	76	66	82	33
Illinois.....	66	34	1.69	1.38	111	47	115	128	136	93
Michigan.....	28	11	1.29	1.47	34	18	52	47	70	54
Wisconsin.....	30	6	1.70	1.66	51	10	90	89	80	80
West North Central:										
Minnesota.....	58	27	1.61	1.86	94	50	182	175	121	136
Iowa.....	162	32	1.90	1.72	322	54	189	125	90	50
Missouri.....	167	116	1.39	1.22	231	142	278	244	240	140
North Dakota.....	86	89	1.31	1.68	113	149	139	198	84	347
South Dakota.....	126	36	1.55	1.85	195	66	244	199	149	271
Nebraska.....	191	102	1.87	1.58	357	161	410	330	171	186
Kansas.....	350	180	1.92	1.61	671	291	325	182	143	181
East South Central:										
Kentucky.....	38	35	.99	1.02	37	36	94	113	102	112
Tennessee.....	98	72	1.07	1.06	105	76	216	203	187	181
Alabama.....	8	13	1.25	1.15	10	15	27	44	127	106
Mississippi.....	1	2	1.70	1.29	2	2	4	7	9	14
West South Central:										
Louisiana.....	1	1	1.71	1.58	1	1	13	10	—	—
Texas.....	153	103	1.54	.93	235	95	84	80	56	44
Oklahoma.....	50	66	1.78	1.15	90	75	190	84	106	69
Arkansas.....	8	14	1.25	1.07	10	15	45	37	61	39
Mountain:										
Montana.....	4	3	1.28	1.50	5	5	15	14	8	16
Wyoming.....	2	4	1.30	1.46	2	6	61	31	7	31
Colorado.....	8	31	1.13	1.14	9	35	43	60	72	146
New Mexico.....	19	1	1.88	.55	—	11	22	19	11	23
Arizona.....	—	—	1.98	1.79	—	1	9	12	—	—
Utah.....	3	—	1.30	1.96	4	1	10	8	12	—
Nevada.....	—	—	1.57	1.87	—	—	—	—	—	—
Idaho.....	1	1	1.92	1.29	2	1	—	—	2	—
Pacific:										
Washington.....	—	—	1.55	1.63	—	—	—	10	2	15
Oregon.....	1	1	1.62	1.29	1	2	—	—	4	—
California.....	2	2	2.05	1.26	4	3	—	—	5	94
United States.....	1,744	1,118	1.63	1.38	2,851	1,547	3,561	3,224	2,651	2,876

Division of Statistical and Historical Research.

TABLE 30.—*Hay, other tame or cultivated grasses: Area and yield per acre in the United States, 1899 and 1909*

Geographic division and State	Area		Yield per acre		Geographic division and State	Area		Yield per acre	
	1899 <sup>1</sup>	1909	1899 <sup>1</sup>	1909		1899 <sup>1</sup>	1909	1899 <sup>1</sup>	1909
	1,000 acres	1,000 acres	Short tons	Short tons		1,000 acres	1,000 acres	Short tons	Short tons
New England:					West North Central—Continued.	1,000 acres	1,000 acres	Short tons	Short tons
Maine.....	1,214	380	0.86	0.68	South Dakota.....	22	52	1.32	1.07
New Hampshire.....	506	181	.93	.73	Nebraska.....	93	73	1.54	1.13
Vermont.....	935	197	1.08	.81	Kansas.....	258	36	1.31	1.11
Massachusetts.....	530	156	1.12	.97	East North Central:				
Rhode Island.....	60	18	.96	.90	Kentucky.....	403	176	.92	.70
Connecticut.....	439	171	1.00	.93	Tennessee.....	219	238	1.02	.92
Middle Atlantic:					Alabama.....	41	86	1.13	1.08
New York.....	4,759	520	1.07	.79	Mississippi.....	34	75	1.25	1.24
New Jersey.....	313	31	.89	1.16	West South Central:				
Pennsylvania.....	2,873	98	1.10	.93	Louisiana.....	15	27	1.33	1.45
South Atlantic:					Texas.....	64	157	1.39	.88
Delaware.....	36	1	1.05	1.43	Oklahoma.....	12	19	1.28	.95
Maryland.....	260	6	1.09	1.00	Arkansas.....	60	36	1.13	1.12
Virginia.....	442	97	.99	.97	Mountain:				
West Virginia.....	556	83	.89	.81	Montana.....	180	56	1.32	1.32
North Carolina.....	123	80	1.00	1.01	Wyoming.....	44	107	1.21	1.21
South Carolina.....	51	32	1.02	.98	Colorado.....	81	72	1.41	1.50
Georgia.....	62	68	1.06	1.05	New Mexico.....	3	10	1.28	.99
Florida.....	14	23	.98	1.03	Arizona.....	1	2	1.85	1.26
East North Central:					Utah.....	39	19	1.71	1.82
Ohio.....	2,277	53	1.15	.85	Nevada.....	27	26	1.14	1.64
Indiana.....	1,366	54	1.14	.94	Idaho.....	99	39	1.40	1.82
Illinois.....	2,444	128	1.13	.96	Pacific:				
Michigan.....	1,926	12	1.13	.88	Washington.....	159	29	1.90	1.49
Wisconsin.....	1,636	43	1.30	1.36	Oregon.....	180	61	1.71	1.75
West North Central:					California.....	154	90	1.27	1.32
Minnesota.....	754	118	1.48	1.59	United States....	31,302	4,219	1.14	.90
Iowa.....	2,838	61	1.35	1.38					
Missouri.....	2,563	53	1.10	.93					
North Dakota.....	38	71	1.01	1.05					

Bureau of the Census.

<sup>1</sup> Includes timothy, and timothy and clover mixed.

TABLE 31.—*Hay, other tame or cultivated grasses: Production in the United States, 1899–1918*<sup>1</sup>

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	Census		Division of Crop and Livestock Estimates			
	1899 <sup>2</sup>	1908	1915	1916	1917	1918
New England:						
Maine	1,027	259	198	217	188	112
New Hampshire	524	132	98	153	194	219
Vermont	1,009	160	111	125	178	222
Massachusetts	595	151	64	90	125	52
Rhode Island	68	15	20	19	38	3
Connecticut	441	159	84	106	104	80
Middle Atlantic:						
New York	5,082	413	384	458	235	488
New Jersey	279	36	26	36	20	11
Pennsylvania	3,174	91	130	156	104	171
South Atlantic:						
Delaware	38	2	6	15	—	2
Maryland	316	6	23	21	17	19
Virginia	437	94	71	128	91	155
West Virginia	494	67	120	70	63	115
North Carolina	122	81	259	223	216	204
South Carolina	52	32	212	260	221	201
Georgia	66	71	228	318	392	395
Florida	14	23	47	76	99	57
East North Central:						
Ohio	2,628	45	40	51	84	41
Indiana	1,556	51	76	99	64	33
Illinois	2,763	123	270	239	146	233
Michigan	2,168	10	35	71	58	27
Wisconsin	2,125	58	68	66	115	120
West North Central:						
Minnesota	1,114	188	65	87	126	136
Iowa	3,823	84	63	72	45	50
Missouri	2,829	49	153	155	143	84
North Dakota	38	74	66	47	49	74
South Dakota	29	56	24	43	43	45
Nebraska	143	82	182	174	171	93
Kansas	338	41	284	195	200	193
East South Central:						
Kentucky	370	139	170	159	131	112
Tennessee	223	219	265	290	184	313
Alabama	46	93	217	268	751	664
Mississippi	43	93	227	228	198	204
West South Central:						
Louisiana	20	39	245	201	166	101
Texas	89	139	367	265	212	200
Oklahoma	15	18	133	159	97	78
Arkansas	67	40	129	113	130	97
Mountain:						
Montana	238	74	62	56	27	64
Wyoming	54	130	24	21	33	16
Colorado	113	108	64	139	185	247
New Mexico	3	10	4	18	7	8
Arizona	2	2	9	25	5	5
Utah	67	31	24	30	39	11
Nevada	31	40	13	16	14	6
Idaho	139	71	55	70	71	62
Pacific:						
Washington	302	43	37	77	135	88
Oregon	324	106	187	235	184	115
California	196	119	170	308	307	94
United States	35,624	4,167	5,809	6,446	6,405	6,120

Division of Statistical and Historical Research.

<sup>1</sup> In 1919 and subsequently included in millet, Sudan grass and other miscellaneous hay.<sup>2</sup> Includes timothy and timothy mixed.

TABLE 32.—*Hay, tame: Production by divisions and States, 1909–1924*

[Thousand short tons—1. e., 000 omitted]

Geographic division and State	1909	1910	1911	1912	1913	Average, 1909– 1913	1914	1915	1916
New England:									
Maine.....	1,010	1,524	1,341	1,428	1,194	1,299	1,414	1,322	1,740
New Hampshire.....	455	595	521	626	495	538	508	504	767
Vermont.....	1,036	1,404	1,313	1,515	1,280	1,310	1,188	1,310	1,066
Massachusetts.....	618	611	510	598	575	582	634	706	749
Rhode Island.....	71	70	57	66	68	66	68	71	78
Connecticut.....	418	508	412	436	432	441	469	492	574
Middle Atlantic:									
New York.....	5,109	6,310	4,814	5,900	5,358	5,408	5,584	5,492	7,047
New Jersey.....	404	537	369	521	460	472	487	523	600
Pennsylvania.....	3,242	4,255	3,022	4,537	4,146	3,840	4,020	4,340	5,208
South Atlantic:									
Delaware.....	90	100	61	96	94	88	70	84	116
Maryland.....	437	506	256	575	491	453	448	468	688
Virginia.....	772	903	447	889	952	703	468	945	1,215
West Virginia.....	619	834	446	1,028	925	770	640	1,095	1,270
North Carolina.....	299	472	304	381	419	375	368	648	672
South Carolina.....	170	248	210	223	244	219	242	286	332
Georgia.....	215	298	288	316	360	293	338	345	460
Florida.....	41	53	51	54	63	52	65	61	94
East North Central:									
Ohio.....	4,074	4,448	2,763	4,028	3,848	3,838	3,178	4,040	5,102
Indiana.....	2,464	2,502	1,622	2,582	1,800	2,194	1,764	3,030	3,312
Illinois.....	3,932	4,070	2,124	3,206	2,450	3,168	1,912	3,850	4,785
Michigan.....	3,207	3,328	2,778	3,185	2,520	3,004	3,011	3,458	4,675
Wisconsin.....	3,026	2,430	2,700	3,600	3,848	3,301	4,462	4,508	4,420
West North Central:									
Minnesota.....	2,917	1,707	1,582	2,541	2,490	2,205	3,294	3,247	3,496
Iowa.....	6,135	4,168	2,858	4,952	4,440	4,511	4,071	6,300	5,920
Missouri.....	3,055	4,224	1,754	4,143	1,800	3,115	1,820	4,636	4,433
North Dakota.....	530	192	393	510	388	403	580	660	935
South Dakota.....	775	354	219	672	552	514	850	1,220	1,425
Nebraska.....	2,448	1,291	988	1,552	1,075	1,501	2,535	4,550	3,885
Kansas.....	2,936	1,808	1,318	2,440	1,350	1,988	2,492	4,002	2,604
East South Central:									
Kentucky.....	907	1,213	798	1,002	674	919	712	1,260	1,512
Tennessee.....	1,011	1,406	925	1,154	1,089	1,117	960	1,398	1,449
Alabama.....	200	299	293	261	286	268	288	362	440
Mississippi.....	202	283	298	297	293	275	304	350	385
West South Central:									
Louisiana.....	216	289	195	234	240	235	380	438	442
Texas.....	389	444	379	542	464	444	788	705	576
Oklahoma.....	458	351	267	481	382	388	508	1,265	935
Arkansas.....	311	424	343	352	384	363	336	560	469
Mountain:									
Montana.....	1,100	833	1,210	1,216	1,188	1,109	1,750	1,550	1,402
Wyoming.....	619	814	840	859	912	819	1,150	1,210	1,044
Colorado.....	1,674	1,562	1,570	1,905	1,824	1,707	2,328	2,134	1,988
New Mexico.....	310	328	463	436	399	387	515	442	370
Arizona.....	228	197	401	384	540	350	454	470	627
Utah.....	886	1,020	875	1,023	909	943	1,116	985	845
Nevada.....	332	595	680	681	646	587	803	675	540
Idaho.....	1,438	1,890	2,083	1,938	2,044	1,879	1,808	1,828	1,750
Pacific:									
Washington.....	1,319	1,506	1,774	1,707	1,704	1,020	1,751	1,868	1,020
Oregon.....	1,273	1,552	1,506	1,738	1,732	1,578	1,716	1,870	1,955
California.....	3,895	4,392	4,375	3,825	3,600	4,017	5,260	4,230	4,375
United States.....	68,833	69,378	54,916	72,691	64,116	65,987	70,071	85,020	91,102

TABLE 32.—*Hay, tame: Production by divisions and States, 1909–1924—Contd.*

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	1917	1918	1919	1920	Average, 1914– 1920	1921	1922	1923	1924 <sup>1</sup>
New England:									
Maine.....	1,690	1,274	1,449	1,168	1,435	1,004	1,545	1,594	1,432
New Hampshire.....	680	506	525	508	554	424	553	538	516
Vermont.....	1,617	1,176	1,377	1,225	1,366	926	1,260	1,285	1,420
Massachusetts.....	732	492	557	590	637	532	568	595	586
Rhode Island.....	87	75	61	59	71	58	58	56	62
Connecticut.....	615	455	405	392	486	410	433	421	416
Middle Atlantic:									
New York.....	6,325	5,375	6,915	6,121	6,123	4,967	6,823	6,688	7,241
New Jersey.....	508	488	409	494	501	400	480	328	584
Pennsylvania.....	4,300	4,181	3,979	4,102	4,321	3,033	4,589	3,068	4,748
South Atlantic:									
Delaware.....	98	94	95	109	96	89	116	95	155
Maryland.....	552	614	537	605	559	498	658	405	740
Virginia.....	1,151	1,418	1,163	1,190	1,079	913	1,314	1,010	1,370
West Virginia.....	1,003	1,037	858	947	979	880	1,031	895	1,171
North Carolina.....	572	768	693	691	616	821	962	955	728
South Carolina.....	270	286	310	339	295	327	450	348	174
Georgia.....	612	863	548	583	536	618	611	507	455
Florida.....	110	120	94	93	91	114	89	119	114
East North Central:									
Ohio.....	4,154	4,235	4,062	4,257	4,148	4,083	5,072	3,913	5,282
Indiana.....	3,107	3,292	2,603	2,881	2,856	2,563	3,695	2,597	3,424
Illinois.....	3,671	4,552	3,975	3,859	3,801	3,744	5,284	4,265	5,511
Michigan.....	3,837	2,676	3,378	3,347	3,483	2,886	4,457	3,919	5,010
Wisconsin.....	4,622	3,636	5,241	5,216	4,586	4,132	5,348	4,243	6,072
West North Central:									
Minnesota.....	3,022	2,730	3,498	3,210	3,214	3,037	3,134	2,522	3,501
Iowa.....	4,036	4,206	5,033	4,716	4,000	4,694	4,925	4,779	5,709
Missouri.....	3,057	2,690	3,666	4,221	3,589	3,850	3,876	4,048	4,820
North Dakota.....	484	605	1,010	1,135	773	1,308	1,619	1,337	1,639
South Dakota.....	1,102	1,206	1,549	1,818	1,323	1,552	1,809	1,847	1,680
Nebraska.....	2,544	2,381	4,013	4,067	3,425	3,390	3,028	3,824	3,717
Kansas.....	3,880	3,233	3,559	3,644	3,353	2,761	3,510	3,592	3,262
East South Central:									
Kentucky.....	1,208	1,394	1,373	1,385	1,272	1,154	1,610	1,541	1,496
Tennessee.....	1,260	1,674	1,532	1,718	1,427	1,541	1,843	1,554	1,730
Alabama.....	1,158	1,007	708	683	664	763	724	634	590
Mississippi.....	438	416	537	519	421	486	557	500	405
West South Central:									
Louisiana.....	320	292	282	283	348	268	285	308	157
Texas.....	528	581	869	820	704	895	1,049	1,183	844
Oklahoma.....	918	696	1,576	1,502	1,057	1,474	1,608	1,600	1,422
Arkansas.....	573	607	793	858	599	768	734	727	607
Mountain:									
Montana.....	1,063	1,227	1,151	1,863	1,420	1,809	1,973	2,162	2,260
Wyoming.....	960	1,365	812	1,347	1,127	1,239	1,356	1,400	1,333
Colorado.....	2,376	2,287	2,527	3,019	2,380	2,576	2,273	2,463	2,584
New Mexico.....	384	418	432	434	428	435	292	321	309
Arizona.....	550	480	585	395	509	464	543	577	615
Utah.....	1,270	1,020	907	1,191	1,048	1,238	1,385	1,405	1,497
Nevada.....	693	675	403	404	585	478	505	480	394
Idaho.....	2,175	2,001	2,365	2,833	2,117	2,910	2,501	2,649	2,059
Pacific:									
Washington.....	1,778	1,429	1,973	1,946	1,809	2,234	1,959	2,365	1,854
Oregon.....	1,638	1,467	1,753	2,037	1,777	2,087	1,929	2,207	1,441
California.....	4,800	2,970	4,837	4,911	4,484	4,955	5,217	5,265	4,823
United States.....	83,308	76,660	86,997	89,785	83,419	82,458	95,748	89,250	97,970

Division of Crop and Livestock Estimates.

<sup>1</sup> Preliminary.

TABLE 33.—*Hay, wild: Production by divisions and States, 1909–1924*

[Thousand short tons—i. e., 000 omitted]

Geographic division and State	1909	1910	1911	1912	1913	Average, 1909– 1913	1914	1915	1916
New England:									
Maine.....	21	26	22	24	20	23	26	23	27
New Hampshire.....	18	23	19	23	18	20	22	17	23
Vermont.....	13	15	15	18	13	15	14	14	18
Massachusetts.....	26	26	22	26	25	25	28	25	24
Rhode Island.....	1	1	1	1	1	1	1	1	1
Connecticut.....	14	13	12	12	12	13	15	12	15
Middle Atlantic:									
New York.....	63	66	55	69	63	63	81	70	104
New Jersey.....	48	43	30	43	36	40	46	34	45
Pennsylvania.....	11	16	11	16	16	14	16	14	23
South Atlantic:									
Delaware.....	9	12	8	12	12	11	12	12	13
Maryland.....	5	5	3	5	5	5	5	4	6
Virginia.....	8	8	5	9	9	8	7	9	9
West Virginia.....	4	7	4	7	7	6	6	7	7
North Carolina.....	55	54	45	50	52	51	47	60	44
South Carolina.....	7	8	7	8	8	8	8	14	12
Georgia.....	17	21	21	20	20	20	16	17	18
Florida.....	10	11	10	11	12	11	9	12	10
East North Central:									
Ohio.....	3	2	2	3	2	2	2	3	3
Indiana.....	63	76	55	78	59	60	64	78	91
Illinois.....	129	124	85	123	94	111	105	124	132
Michigan.....	40	36	31	36	28	34	44	39	51
Wisconsin.....	498	340	378	454	472	428	459	420	481
West North Central:									
Minnesota.....	2,714	1,392	1,392	2,186	2,123	1,957	2,779	2,565	2,988
Iowa.....	1,178	677	508	838	903	821	936	958	845
Missouri.....	162	143	72	144	73	110	101	150	184
North Dakota.....	2,373	1,197	1,915	2,418	1,958	1,972	2,442	2,560	2,670
South Dakota.....	2,798	1,748	1,166	2,972	2,258	2,188	3,260	4,340	3,900
Nebraska.....	3,098	2,297	1,991	3,063	2,646	2,019	3,020	3,480	3,130
Kansas.....	1,738	1,447	965	1,750	937	1,389	1,464	2,240	1,650
East South Central:									
Kentucky.....	6	7	6	7	5	6	6	6	6
Tennessee.....	27	32	27	30	27	29	28	32	38
Alabama.....	30	34	34	32	32	32	34	34	42
Mississippi.....	64	66	72	69	61	66	54	50	56
West South Central:									
Louisiana.....	26	28	21	25	25	25	31	35	42
Texas.....	180	212	165	234	202	199	308	343	262
Oklahoma.....	607	556	417	619	458	531	422	812	645
Arkansas.....	120	119	102	111	111	113	105	127	90
Mountain:									
Montana.....	590	468	644	673	581	591	592	704	581
Wyoming.....	228	243	231	258	261	244	284	276	285
Colorado.....	368	356	356	513	398	398	533	515	423
New Mexico.....	22	20	27	22	15	21	26	25	13
Arizona.....	8	7	10	11	16	10	14	10	14
Utah.....	91	109	105	109	102	103	112	110	102
Nevada.....	189	317	317	244	207	265	276	225	171
Idaho.....	142	180	192	160	172	169	144	157	134
Pacific:									
Washington.....	31	34	39	35	35	36	32	42	
Oregon.....	249	251	262	268	259	258	261	268	220
California.....	281	278	278	218	214	264	316	280	240
United States.....	18,383	13,151	12,155	18,043	15,063	15,369	18,015	21,343	10,800

TABLE 33.—*Hay, wild: Production by divisions and States, 1909–1924—Contd.*

[Thousand short tons—i. e., 000 omitted]

Geographic division and State.	1917	1918	1919	1920	Aver-age, 1914–1920	1921	1922	1923	1924 <sup>1</sup>
New England:									
Maine	24	22	14	14	21	13	16	18	15
New Hampshire	20	18	11	10	17	10	12	11	11
Vermont	13	13	14	13	14	13	14	13	13
Massachusetts	21	20	13	13	21	12	12	12	12
Rhode Island	1	1	1	1	1	1	1	1	1
Connecticut	13	12	10	9	12	10	9	11	10
Middle Atlantic:									
New York	88	50	83	77	79	65	79	79	86
New Jersey	51	44	22	27	38	28	31	26	29
Pennsylvania	18	13	26	27	20	28	28	29	32
South Atlantic:									
Delaware	11	12	1	2	9	1	2	3	4
Maryland	6	7	6	6	6	5	4	5	6
Virginia	9	8	15	16	10	9	14	14	19
West Virginia	7	7	13	13	9	12	13	11	16
North Carolina	46	46	43	52	48	42	100	100	101
South Carolina	12	10	7	7	10	5	8	5	4
Georgia	14	12	17	17	16	19	15	14	10
Florida	9	10	7	6	9	5	5	5	4
East North Central:									
Ohio	3	3	4	4	3	3	3	2	2
Indiana	76	72	25	26	62	22	28	28	26
Illinois	134	110	74	73	107	74	78	70	84
Michigan	45	42	82	68	50	60	73	62	68
Wisconsin	427	456	473	468	453	437	436	478	387
West North Central:									
Minnesota	2,170	1,955	3,248	2,674	2,611	2,602	2,505	2,347	2,249
Iowa	690	684	639	622	768	522	484	481	455
Missouri	139	104	171	157	139	142	127	138	157
North Dakota	1,417	1,904	2,234	2,193	2,203	2,308	2,592	2,222	2,153
South Dakota	2,926	3,282	3,689	4,049	3,635	2,800	3,308	4,189	2,487
Nebraska	2,611	2,277	3,221	2,361	2,871	1,895	1,877	2,526	2,173
Kansas	898	607	1,406	986	1,322	1,016	976	1,053	1,034
East South Central:									
Kentucky	8	5	24	23	11	23	26	23	26
Tennessee	31	28	58	58	39	58	57	60	50
Alabama	37	35	25	25	33	22	20	20	15
Mississippi	49	48	52	53	52	40	45	52	24
West South Central:									
Louisiana	39	38	21	18	32	20	25	22	18
Texas	159	159	235	213	240	223	221	228	215
Oklahoma	420	302	638	625	552	485	446	510	473
Arkansas	157	123	166	158	132	135	133	152	94
Mountain:									
Montana	402	362	158	619	488	528	594	594	588
Wyoming	300	330	209	260	278	240	294	331	284
Colorado	460	424	366	440	452	407	355	392	340
New Mexico	28	20	39	39	27	41	26	32	30
Arizona	18	13	8	6	12	15	5	15	2
Utah	175	106	95	132	119	117	165	178	134
Nevada	270	72	149	176	191	199	288	197	136
Idaho	162	124	121	150	142	196	158	168	139
Pacific:									
Washington	41	35	36	33	36	45	31	43	24
Oregon	218	176	267	274	241	256	228	249	158
California	259	173	185	177	233	184	176	152	84
United States	15,131	14,374	18,401	17,460	17,875	15,391	16,131	17,361	14,480

Division of Crop and Livestock Estimates.

<sup>1</sup> Preliminary.

TABLE 34.—*Haying operations: Normal day's work per 10-hour day for various operations in haying*

## CUTTING

Location and item	Crew		Rate	Location and item	Crew		Rate
	Men	Horses			Men	Horses	
General United States: 5-foot.....	1	2	Acres 9.3	Alabama—Continued. Perry County— 6-foot.....	1	2	Acres 9.3
New York—Steuben County: 5.1-foot.....	1	2	10.7	Demopolis section— 6.5-foot.....	1	2	10.8
Pennsylvania—Washington County: 5.9-foot.....	1	2	10.8	Mississippi—West Point sec- tion: 6-foot.....	1	2	10.8
Iowa—Wayne County: 6-foot.....	1	2	12.1	Louisiana: 4.5-foot.....	1	1	5.8
Nebraska—Hall County: 5.5-foot.....	1	2	11.1	Central Illinois: 5-foot.....	1	2	10.5
Kansas—Jewell County: 5.3-foot.....	1	2	11.2	6-foot.....	1	2	12.0
Oklahoma—Craig County: 5.6-foot.....	1	2	11.9	Western New York: 4.5-foot.....	1	2	8.5
Georgia—Augusta section: 5.5-foot.....	1	2	10.0	5-foot.....	1	2	9.2
Alabama: Montgomery County— 5.4-foot.....	1	2	8.9	6-foot.....	1	2	10.4
				Wisconsin: 5.5-foot.....	1	2	7.5

## RAKING

General United States: 8-foot rake.....	1	1	14.2	Nebraska—Hall County: 10.75-foot sulky rake.....	1	2	23.8
10-foot rake.....	1	2	21.2	Kansas—Jewell County: 10.86-foot sulky rake.....	1	2	25.3
Central Illinois: 10-foot rake.....	1	2	21.0	Oklahoma—Craig County: 11.03-foot sulky rake.....	1	2	22.0
11-foot rake.....	1	2	22.2	Georgia—Augusta section: 10.73-foot sulky rake.....	1	2	20.1
12-foot rake.....	1	2	23.6	Alabama: Montgomery County— 9.67-foot sulky rake.....	1	2	17.6
10-foot rake.....	1	2	20.6	Perry County— 10.60-foot sulky rake.....	1	2	19.9
Side delivery.....	1	2	-----	Demopolis section— 11.65-foot sulky rake.....	1	2	22.0
Louisiana: 10-foot rake.....	1	1	12.65	Mississippi—West Point sec- tion: 11.94-foot sulky rake.....	1	2	27.2
Western New York: 10-foot rake.....	1	1	15.3				
	1	2	17.9				
New York—Steuben County: 10.53-foot sulky rake.....	1	2	22.9				
Pennsylvania—Washington County: 10.65-foot sulky rake.....	1	2	19.3				
Iowa—Wayne County: 10.52-foot sulky rake.....	1	2	23.6				

PUSH-RAKING AND COCKING<sup>1</sup>

Iowa—Wayne County <sup>2</sup> .....	1	2	9.1	New York—Western: Bunching.....	1	1	13.3
Nebraska—Hall County <sup>2</sup> .....	1	2	11.1	Do.....	1	2	16.6
Kansas—Jewell County <sup>2</sup> .....	1	2	12.7	Cocking by hand.....	1	0	6.4
Georgia—Augusta section <sup>3</sup> .....	1	2	10.9	General United States: Cocking by hand.....	1	0	6.9
Alabama: Montgomery County <sup>4</sup> .....	1	2	11.8				
Perry County <sup>5</sup> .....	1	2	23.7				
Demopolis section.....	1	2	19.3				
West Point section.....	1	2	9.8				

## TEDDING

General United States: 6-foot tedder.....	1	1	11.8	Western New York.....	1	2	14.6
10-foot tedder.....	1	2	19.2	New York—Steuben County: 8.76-foot tedder.....	1	2	16.2
Central Illinois: 8-foot tedder.....	1	2	17.1	Pennsylvania—Washington County: 6.58-foot tedder.....	1	2	12.8
10-foot tedder.....	1	2	21.0				

<sup>1</sup> Also known as "sweep rake," "go-devil," "buck rake," "bull rake."<sup>2</sup> Hauled from windrow to stacker in field.<sup>3</sup> Hauled from cock to barn or stack in field.<sup>4</sup> Hauled from cock to stack or press in field.<sup>5</sup> Hauled from cock to press in field.

TABLE 34.—*Haying operations: Normal day's work per 10-hour day for various operations in haying*

## STACKING HAY

Location and item	Crew		Rate	Location and item	Crew		Rate
	Men	Horses			Men	Horses	
General, United States: Stacking in field with sweep rakes-----			Acres	General, United States— Continued. In field, by hand—Contd.			Acres
	2	2	10.0		4	2	8.56
	2	4	14.18		4	4	9.81
	3	2	10.07		4	6	14.49
	3	4	15.98		5	2	9.28
	3	6	15.00		5	4	9.66
	4	2	11.67		5	6	12.87
	4	4	15.69		6	4	7.73
	4	6	19.33		6	6	12.58
	5	4	13.20		6	8	10.31
	5	6	20.31				
	5	8	24.23				
	6	6	25.42				
	6	8	20.96	Iowa:			
In field, by hand-----	2	2	5.00	Wayne County— Over-shot stacker, yield, 1.1 tons-----	2	5	6.0
	2	4	5.00	Hall County— Over-shot stacker, yield, 1.0 ton-----	2	5	8.3
	3	2	5.55				
	3	4	8.28				

## LOADING, HAULING, AND UNLOADING

Louisiana: Oat hay to barn— $\frac{1}{2}$ to $1\frac{1}{2}$ tons per acre.	2	2	Acres	General, United States—Con. Hauling with loader—Con. Unloading with sling or fork-----			Acres
Meadow hay to barn— 1 ton and less-----	2	2	4.07		2	2	8.04
$1\frac{1}{2}$ to 2 tons-----	2	2	3.03		2	4	6.97
General, United States: Hauling hay, load by hand, cocks to barn, un- load by hand-----	2	2	4.6		3	2	8.23
	2	4	5.56		3	4	9.42
	3	2	4.77		4	4	10.66
	3	4	6.44	Western New York: Loading, hauling, and un- loading to barn, unload by hand—	4	6	10.88
	4	4	7.52	1 wagon-----	2	2	5.0
	4	6	9.79	Do-----	3	2	5.4
	5	4	7.70	2 wagons-----	3	4	5.7
	5	6	10.19	Do-----	4	5	7.8
	6	4	8.43	Do-----	5	4	8.9
	6	6	9.56	Western New York: Loaded by hand— Unload with sling or fork—			
	8	8	5.25	1 wagon-----	2	2	6.7
General, United States: Loading, hauling, and unloading, cocks to barn unload with hayfork or sling-----	2	2	6.44	Do-----	3	2	7.6
	2	4	8.33	2 wagons-----	3	4	9.5
	3	2	6.76	Do-----	4	4	10.0
	3	4	8.56	Do-----	5	4	11.9
	4	4	10.64	Central Illinois: Loading only by hand-----	1	0	Minutes per load
	4	6	14.95	Do-----	2	0	42.2
	5	4	11.23	Load with loader— Swath-----	3	2	31.4
	5	6	12.94	Windrow-----	3	2	21.9
	6	4	11.04	Central Illinois: Unloading only, unloading into mow by hand-----	(1)		22.0
	6	6	12.10	(2)			43.4
	6	8	12.17	(3)			41.0
General, United States: Hauling with loader— Unloading by hand---	2	2	5.55	Central Illinois: Unloading only; unload with hayfork into mow-----	(1)		33.2
	2	4	6.82	(2)			20.2
	3	2	6.15	(3)			18.2
	3	4	7.40	(4)			16.4
	4	4	8.20				
	4	6	8.04				

<sup>1</sup> 1 man in wagon, 1 in mow.<sup>2</sup> 1 man in wagon, 2 men in mow.<sup>3</sup> 2 men in wagon, 2 in mow.<sup>1</sup> 1 man in mow, 1 on load, 1 driving team.<sup>2</sup> 2 men in mow, 1 on load, 1 driving team.<sup>3</sup> 3 men in mow, 1 on load, 1 driving team.

TABLE 34.—*Haying operations: Normal day's work per 10-hour day for various operations in haying—Continued*

## BALING

Location and item	Crew		Rate	Location and item	Crew		Rate
	Men	Horses			Men	Horses	
General, United States:							
From stack or barn with sweep-----	2	1	3.56	Tons	General, United States—		
	3	1	7.13		Continued.		
	4	1	9.01	Engine (horsepower)—			
	5	1	12.38	Continued.			
Oklahoma—	2	2	9.90	10.41-----	6	0	16.10
Craig County-----	3	2	8.51	12.09-----	7	0	19.97
In South <sup>1</sup> :	4	2	9.50	12.68-----	8	0	20.09
General, United States:	5	2	10.59	16-----	9	0	26.40
Engine (horsepower)—	6	2	10.79	11.9-----	10	0	27.32
5.44-----	7	2	15.35	14-----	11	0	30.94
6.28-----	8	2	15.35	Oklahoma—Craig County:			
8.29-----				Gasoline engine-----	5.2	0	4.4.3
				Georgia—Augusta section:			
				Gasoline engine-----	6.33	0	5.1.9
				Alabama:			
				Montgomery County—			
				Gasoline engine-----	6.00	0	5.2.0
				Perry County—			
				Gasoline engine-----	5.93	0	5.2.5
				Demopolis section:			
				Gasoline engine-----	5.57	0	5.2.3
				Mississippi—West Point section:			
				Gasoline engine-----	6.30	0	5.2.3

## Division of Farm Management.

<sup>1</sup> Hay brought from windrow to press with push rake.<sup>2</sup> Augusta section, Ga., 7 records; Montgomery County section, Ala., 8 records; Perry County, Ala., 2 records; Demopolis section, Ala., 4 records.<sup>3</sup> Hay brought from cock to press with push rake.<sup>4</sup> Hay brought from windrow to press with push rakes.<sup>5</sup> Hay brought from cock to press with push rakes.

# Hay and Feed Statistics

43

TABLE 35.—*Hay, alfalfa: Cost of production in Minnesota, 1913–1917*

Item	Halstad, Minn.				Cokato, Minn.			
	Total acreage, five years	Man hours per acre	Horse hours per acre	Cost per acre	Total acreage, four years	Man hours per acre	Horse hours per acre	Cost per acre
Seeding cost (previous year one-fourth, with nurse crop)-----				\$2.09				\$2.06
First cutting:								
Mowing-----	184.84	1.04	2.08	.46	70.24	1.58	3.16	.66
Raking-----	174.03	.61	1.19	.28	69.74	.76	1.41	.29
Cocking-----	128.04	2.59	—	.44	74.58	3.75	1.16	.80
Spreading-----	14.37	1.78	—	.27	26.17	2.39	—	.41
Hauling-----	145.78	2.82	2.8	.87	60.56	5.33	5.61	1.62
General expense-----	184.84	—	—	.32	70.24	—	—	.99
Machinery-----	—	—	—	1.31	—	—	—	1.81
Land rental-----	—	—	—	4.20	—	—	—	5.00
Total-----	8.84	6.07	8.13	—	13.81	11.34	11.38	
Stacking-----	30.70	4.72	3.94	1.36	9.68	2.48	3.31	.78
Second cutting:								
Mowing-----	160.02	1.13	2.26	.49	68.08	1.43	2.82	.61
Raking-----	133.68	.66	1.35	.28	62.57	.69	1.33	.28
Cocking-----	97.98	1.99	—	.37	—	—	—	
Spreading-----	28.18	1.83	—	.36	34.46	2.67	—	.45
Hauling-----	97.98	3.00	2.54	.89	51.9	3.89	3.91	1.16
General expense-----	160.02	—	—	.28	68.08	—	—	.60
Total-----	8.61	6.15	2.67	—	8.68	8.06	3.10	
Stacking-----	51.96	4.48	4.21	1.34	16.18	3.83	6.3	1.50
Third cutting:								
Mowing-----	48.82	1.15	2.27	.46	47.57	1.52	3.05	.66
Raking-----	48.82	.66	1.31	.25	47.57	.76	1.51	.33
Cocking-----	31.04	1.8	—	.31	17.78	1.74	—	.33
Spreading-----	6.24	1.84	—	.37	—	—	—	
Hauling-----	37.87	3.72	3.46	.07	41.89	2.2	2.34	.69
General expense-----	48.82	—	—	.33	47.57	—	—	.46
Total-----	8.97	7.04	2.79	—	—	—	—	
Stacking-----	9.97	4.51	4.41	1.17	5.68	2.82	2.82	.86
Total cost of seeding and three cuttings-----		26.42	19.26	15.68	—	28.71	26.3	19.01

Minnesota Experiment Station Bulletin 179, p. 36.

TABLE 36.—*Hay, timothy and clover: Cost of production in Minnesota, 1913–1917*

Item	Halstad, Minn.				Cokato, Minn.			
	Total acreage, five years	Man hours per acre	Horse hours per acre	Cost per acre	Total acreage, four years	Man hours per acre	Horse hours per acre	Cost per acre
<b>First crop:</b>								
Seed.....				\$0.50				
Mowing.....	1,169.5	1.46	2.63	.54	1,261.04	1.67	3.27	.60
Raking.....	1,136.94	.85	1.62	.32	1,203.08	.72	1.4	.30
Tedding.....	26.8	.34	.67	.12	179.04	1.0	1.85	.40
Cocking.....	378.89	.86		.14				
Bunching.....	17.31	.29	.23	.08	309.81	3.02		.51
Spreading.....	90.46	1.47		.25	84.65	2.10		.37
Hauling.....	835.78	4.60	5.11	1.37	926.05	7.3	7.3	2.19
Machinery cost.....					1.31			1.61
Land rental.....					4.20			5.00
General expense.....	1,169.5			.77	1,261.04			.91
Total.....		9.96	10.26	9.60		15.9	13.82	12.73
Bucking.....	16.58	2.47	3.38	.80				
Stacking.....	327.26	3.73	3.56	1.11	612.83	6.89	6.5	2.00
<b>Second crop:</b>								
Mowing.....	69.19	1.08	2.15	.42	451.09	1.34	2.65	.55
Raking.....	69.19	.58	1.11	.22	430.09	.8	1.53	.32
Cocking.....	61.19	.78		.13	57.82	2.05		.34
Spreading.....	12.5	.96		.20	17.5	1.97		.30
Hauling.....	38.96	3.0	3.47	.96	244.33	3.04	4.1	1.17
General expense.....	69.19			.53	451.09			.59
Total.....		6.38	6.73	2.48		10.1	8.28	3.27
Total, two cuttings.....	16.34	16.99	12.06			26.0	22.1	16.00
Stacking.....	15.23	4.92	4.33	1.29	184.95	4.21	4.15	1.20

Minnesota Experiment Station Bulletin 179, p. 35.

TABLE 37.—*Hay, millet: Cost of production at Halstad, Minn., 1913–1917*

Item	Total acreage four years	Man hours per acre	Horse hours per acre	Cost per acre	Item	Total acreage four years	Man hours per acre	Horse hours per acre	Cost per acre
Seed.....	63.70			\$0.75	Cocking.....	37.32	2.65		
Manuring.....	604.89	2.25	5.22	.98	Hauling.....	22.50	10.73	10.04	3.43
Plowing.....	823.74	2.64	12.39	1.91	Machinery cost.....				1.36
Harrowing <sup>1</sup> .....	0.00	.92	3.46	.68	Land rental.....				4.20
Disking.....	17.49	1.54	6.18	.66	General expense.....	60.90			1.12
Seeding.....	63.79	.68	2.73	.43	Total.....				
Mowing.....	60.99	1.41	2.82	.63	Stacking.....	34.02	4.04	4.03	17.34
Raking.....	50.64	.89	1.78	.41					1.45

Minnesota Experiment Station Bull. 179, p. 37.

<sup>1</sup> The seedbed was harrowed 2.5 times and disked 2.6 times.TABLE 38.—*Hay, wild: Cost of production at Halstad, Minn., 1913–1917*

Item	Total acreage three years	Man hours per acre	Horse hours per acre	Cost per acre	Item	Total acreage three years	Man hours per acre	Horse hours per acre	Cost per acre
Mowing.....	127.34	1.41	2.8	\$0.60	Land rental.....				
Raking.....	127.34	.7	1.39	.31	General expense.....				
Hauling.....	90.89	4.47	5.48	1.58	Total.....				
Machinery.....				1.31	Stacking.....	36.45	6.58	9.67	8.67
									1.55

Minnesota Experiment Station Bull. 179, p. 37.

TABLE 39.—*Hay, all: Stocks on farms May, 1, United States, 1910–1924*

Year	Production of all hay preceding year	Per cent on farms May 1	On farms May 1	Year	Production of all hay preceding year	Per cent on farms May 1	On farms May 1
1910	Short tons 92,767,000	Per cent 11.6	Short tons 10,745,000	1918	Short tons 98,439,000	Per cent 11.7	Short tons 11,476,000
1911	82,529,000	12.4	10,222,000	1919	91,139,000	9.4	8,559,000
1912	67,071,000	8.5	5,732,000	1920	104,760,000	10.1	10,618,000
1913	90,734,000	14.9	13,523,000	1921	105,315,000	17.8	18,771,000
1914	70,179,000	12.2	9,631,000	1922	97,770,000	11.2	10,919,000
1915	88,686,000	12.2	10,797,000	1923	112,013,000	12.0	13,392,000
1916	107,263,000	13.5	14,452,000	1924	106,611,000	12.0	12,835,000
1917	110,092,000	11.4	12,059,000				

Division of Crop and Livestock Estimates.

TABLE 40.—*Hay: Receipts at leading markets, 1889–1924*

Year	Balti- more	Boston	Chi- cago	Cincin- nati	Kansas City	Mil- waukee	Minne- apolis	New York	Peoria	St. Louis	San Fran- cisco
Average:											
1889–1898	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
1889	163,553	242,918				16,793	27,485		41,700	156,899	133,809
1890	61,431	161,364	241,738	138,737		24,750	30,862	405,833	37,665	246,141	171,062
1899–1913	62,090	145,484	288,289	176,271	288,893	38,235	45,994	320,778	39,471	236,277	158,803
1914–1920	48,111	90,866	285,576		418,956	26,487	34,275	240,002	38,803	236,200	110,200
1889	(1)	131,670	206,275	(1)	(1)	24,164	25,710	(1)	47,222	116,346	124,264
1890	(1)	135,420	170,562	(1)	(1)	11,079	23,950	(1)	47,818	114,002	132,042
1891	(1)	144,540	192,308	(1)	(1)	13,812	21,883	(1)	44,271	141,398	126,540
1892	(1)	170,360	232,557	124,526	(1)	12,436	40,733	(1)	45,972	131,148	123,810
1893	(1)	224,450	304,527	100,402	(1)	14,044	36,330	(1)	41,504	141,238	127,653
1894	(1)	205,650	260,309	98,080	(1)	12,262	29,425	421,244	39,060	159,969	142,927
1895	(1)	146,020	207,599	99,234	(1)	18,987	28,817	357,666	35,620	195,582	142,788
1896	(1)	156,050	327,263	76,784	(1)	22,264	22,607	313,515	43,588	230,352	141,663
1897	55,781	176,960	245,149	110,545	(1)	18,076	23,996	345,176	34,910	178,516	147,410
1898	49,490	144,410	222,633	135,013	(1)	20,808	21,399	394,437	36,976	160,350	128,993
1899	46,365	182,370	207,907	113,472	(1)	24,590	18,067	441,241	39,732	175,820	148,961
1900	57,899	152,740	185,621	89,911	(1)	23,134	27,935	419,450	37,174	234,256	161,163
1901	54,688	170,540	191,990	128,143	(1)	24,209	33,947	437,449	34,385	251,132	149,874
1902	55,686	221,680	220,225	166,909	(1)	32,277	29,471	448,556	31,598	213,224	155,024
1903	65,831	156,540	235,747	108,091	(1)	20,752	34,296	432,727	42,080	289,246	181,491
1904	50,865	155,210	252,370	110,371	(1)	21,347	37,898	420,406	37,334	269,560	176,403
1905	63,577	147,050	245,652	131,220	133,170	26,070	31,237	367,049	32,860	246,945	181,971
1906	70,444	148,090	257,927	220,874	123,390	21,618	28,326	384,838	38,580	242,980	174,049
1907	79,098	141,740	319,942	162,225	202,260	28,301	33,442	358,152	44,300	290,645	211,890
1908	60,861	137,680	299,938	156,151	198,198	25,198	34,000	348,459	38,612	238,605	169,995
1909	56,639	140,830	253,047	167,263	196,512	27,921	27,830	345,704	32,922	188,565	166,511
1910	60,050	142,500	272,754	189,262	301,488	33,192	46,330	337,001	47,819	242,481	188,297
1911	70,326	172,180	283,979	155,195	278,868	43,408	58,390	321,365	37,654	253,372	160,639
1912	63,078	144,060	342,617	151,238	364,464	47,239	59,550	288,698	38,330	246,443	142,825
1913	63,356	127,850	280,048	218,397	303,132	39,415	37,870	311,120	40,631	250,525	135,744
1914	59,054	116,180	373,105	239,727	316,092	42,462	41,710	320,784	43,602	291,780	135,988
1915	52,119	120,390	304,342	180,117	422,976	40,745	52,529	341,323	32,890	247,826	159,357
1916	47,699	126,930	267,861	162,040	371,928	28,025	40,521	237,580	45,324	192,270	134,063
1917	52,854	111,400	279,047	327,086	400,608	19,595	35,752	200,437	43,040	238,946	104,472
1918	62,531	80,840	325,098	300,627	399,552	17,030	29,867	223,826	39,240	216,926	73,742
1919	36,036	63,480	261,687	(1)	461,676	15,522	23,385	196,807	37,060	205,108	91,490
1920	26,484	79,840	187,294	(1)	550,860	21,129	23,163	159,254	30,370	260,542	72,288
1921	14,511	57,070	142,032	(1)	235,824	16,454	22,820	106,600	7,660	135,344	62,887
1922	15,207	49,640	148,726	(1)	206,016	18,911	25,466	103,987	28,400	125,195	54,220
1923	20,579	46,680	140,905	(1)	205,068	17,749	27,973	87,086	30,460	141,296	81,955

## Division of Statistical and Historical Research.

Compiled from Baltimore Daily Price Current, 1897–1902; Baltimore Chamber of Commerce, 1903–1923; Boston Chamber of Commerce, 1889–1918; Hay Trade Journal, 1919–1923; Chicago Board of Trade, 1889–1923; Cincinnati Chamber of Commerce, 1892–1918; Kansas City Board of Trade, 1905–1923; Milwaukee Chamber of Commerce, 1889–1923; Minneapolis Chamber of Commerce, 1889–1923; New York Produce Exchange, 1894–1923; Peoria Board of Trade, 1889–1918; Hay Trade Journal, 1919–1923; St. Louis Merchants Exchange, 1889–1923; San Francisco Chamber of Commerce, 1889–1921; Hay Trade Journal, 1922–1923.

1 Data not available.

TABLE 41.—*Hay: Receipts at Baltimore, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909-1913	3,933	3,996	5,957	5,983	5,635	5,176	5,361	4,985	6,810	6,000	5,759	4,783	63,399
Average 1914-1920	3,010	2,973	3,381	3,934	4,121	3,716	3,543	3,620	5,068	3,541	4,510	3,413	44,827
1909	3,604	3,964	4,967	6,889	5,563	3,914	5,568	4,442	5,379	6,669	4,543	3,395	68,877
1910	4,904	4,012	6,107	4,994	5,242	4,794	5,129	4,947	6,763	6,744	7,000	7,047	68,273
1911	4,710	5,408	5,545	5,972	5,176	5,285	6,084	6,511	7,249	7,361	6,180	2,764	68,235
1912	3,014	3,192	3,916	5,047	5,940	5,840	4,653	6,186	6,059	4,714	5,209	5,415	50,785
1913	3,435	3,416	4,251	7,012	6,265	6,141	5,391	2,837	8,010	4,511	5,262	5,292	61,823
1914	3,069	5,027	5,901	6,637	4,217	2,900	5,599	5,180	4,482	3,831	4,684	4,096	55,623
1915	2,555	4,418	4,218	4,572	4,025	4,459	3,903	3,383	6,376	2,885	4,123	5,035	50,042
1916	4,215	2,445	2,600	5,340	4,429	2,878	3,829	4,680	3,585	5,529	6,673	4,594	50,794
1917	4,020	1,703	2,974	4,404	6,617	4,240	4,868	5,053	11,969	5,293	8,065	3,987	63,799
1918	2,842	2,834	3,111	2,376	5,702	5,831	2,614	3,891	3,969	3,525	3,327	2,337	42,249
1919	2,250	2,631	3,331	2,704	2,450	3,053	2,341	1,658	3,485	2,646	2,687	2,759	32,050
1920	2,106	1,755	1,532	1,448	1,413	2,054	1,560	1,495	1,558	1,081	1,550	1,071	10,223
1921	795	1,506	949	935	986	1,015	956	1,078	1,817	912	1,405	1,734	14,158
1922	982	1,900	1,352	703	1,220	1,088	897	869	1,497	2,143	1,730	1,700	16,081
1923	1,154	1,140	2,801	2,690	2,188	1,770	2,891	2,099	1,868	2,559	2,299	2,570	26,029
1924	1,371	930	809	1,208	1,264	830	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research.

Compiled from reports of the Baltimore Chamber of Commerce, 1909-1923; from Hay Trade Journal, 1924.

TABLE 42.—*Hay: Receipts at Boston, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Average 1909-1913	1,112	937	1,333	1,317	1,277	1,368	1,237	1,146	1,374	1,116	970	1,279	14,467
Average 1914-1920	676	692	1,144	780	848	810	771	705	803	740	794	828	9,590
1909	1,215	779	1,550	1,695	1,170	1,375	1,255	880	1,266	1,109	993	1,010	14,263
1910	782	1,055	1,665	1,341	1,360	1,544	1,242	1,225	1,999	1,317	1,133	1,579	16,242
1911	1,495	1,304	1,321	1,451	1,582	1,570	1,188	1,370	1,288	1,127	1,105	1,521	16,322
1912	1,331	668	1,100	1,198	1,160	1,350	1,419	1,320	1,247	1,231	836	1,077	13,937
1913	739	879	1,030	901	1,106	1,001	1,082	937	1,079	797	785	1,208	11,543
1914	697	860	1,169	945	1,245	814	1,126	871	1,194	821	860	1,000	11,602
1915	797	898	1,365	739	1,276	1,094	979	861	959	1,277	1,176	1,221	12,640
1916	833	847	1,248	907	1,002	1,383	1,034	964	1,224	932	896	1,088	12,358
1917	774	483	817	1,020	1,071	837	845	731	952	711	805	671	9,517
1918	573	510	544	661	640	641	677	414	422	407	679	808	7,066
1919	518	243	619	540	377	554	459	218	398	742	606	395	5,727
1920	543	1,002	2,244	647	324	348	474	877	469	291	478	523	8,220
1921	330	526	518	413	591	211	548	427	267	337	459	475	6,108
1922	372	446	369	423	492	349	311	408	545	482	368	354	4,919
1923	465	193	408	443	315	376	450	303	298	240	423	377	4,201
1924	478	201	275	521	317	279	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research.

Compiled from Boston Chamber of Commerce, 1909-1918; from Hay Trade Journal, 1919-1924.

TABLE 43.—*Hay: Receipts at Chicago, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total	
	Short tons													
Average, 1909-1913—	17,730	19,121	25,056	25,922	23,197	28,342	27,497	28,295	31,574	26,502	24,552	27,814	305,601	
Average, 1914-1920—	18,421	15,796	22,679	24,081	23,518	26,018	23,377	22,619	25,115	21,327	20,337	21,496	264,783	
1909—	21,445	17,425	22,461	22,848	18,244	17,942	17,745	18,570	20,733	22,984	24,565	22,307	250,269	
1910—	18,768	22,105	20,409	25,134	18,729	26,065	19,673	26,695	25,654	16,966	20,937	25,329	272,104	
1911—	11,955	28,428	21,578	27,497	20,218	33,049	32,039	36,002	36,314	32,594	32,498	34,182	352,324	
1912—	19,550	13,294	29,546	23,567	24,511	28,550	29,885	28,252	20,852	17,004	16,984	24,192	276,187	
1913—	16,931	14,353	25,647	30,562	28,283	30,103	38,144	31,954	45,319	42,962	27,804	33,058	371,120	
1914—	15,027	17,231	28,591	34,412	23,600	34,103	37,050	30,775	31,690	25,573	23,515	17,004	320,071	
1915—	13,703	21,664	29,468	19,874	28,620	24,748	19,616	29,030	28,044	21,163	20,561	23,675	280,224	
1916—	23,381	13,217	23,751	23,508	21,287	20,628	21,707	14,961	17,026	14,882	20,973	23,741	239,062	
1917—	24,434	17,185	22,218	30,956	36,883	34,681	21,318	26,920	38,891	41,878	27,397	29,211	351,972	
1918—	22,911	19,185	24,320	27,034	24	71,21	32,225	12,19	19,082	20,351	26,028	27,737	29,407	287,217
1919—	15,913	15,432	20,538	18,268	16,705	26,077	21,462	26,840	27,626	8,308	12,840	14,188	225,217	
1920—	12,615	6,658	9,872	13,495	12,823	20,507	17,354	10,723	12,177	11,455	9,333	12,646	149,718	
1921—	8,231	10,817	8,971	12,475	13,274	14,576	12,907	11,153	9,434	11,277	12,074	17,584	142,753	
1922—	7,750	12,262	9,695	13,143	12,791	18,676	14,968	8,849	11,925	11,943	15,363	12,977	150,342	
1923—	8,905	6,858	12,546	14,068	11,092	10,811	12,390	15,310	12,717	10,857	17,536	11,059	145,849	
1924—	13,720	6,986	12,275	19,160	14,061	13,482	—	—	—	—	—	—	—	

Division of Statistical and Historical Research. Compiled from reports of the Chicago Board of Trade, 1909-1923; from Hay Trade Journal, 1924.

TABLE 44.—*Hay: Receipts at Kansas City, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total	
	Short tons													
Average, 1909-1913—	21,422	30,312	22,702	28,685	27,799	26,683	31,932	24,814	25,392	20,988	20,368	18,630	297,787	
Average, 1914-1920—	31,918	36,939	36,528	36,771	37,639	35,880	45,766	46,099	40,152	28,627	23,729	20,446	420,495	
1909—	14,100	19,128	17,016	19,872	19,620	20,520	25,080	21,768	22,812	18,972	17,772	15,108	232,368	
1910—	21,080	40,704	31,740	31,224	25,380	28,829	30,828	25,176	24,828	18,492	17,712	12,528	308,940	
1911—	17,328	19,032	16,308	31,680	31,860	33,096	39,840	35,532	29,792	27,708	24,240	17,532	318,948	
1912—	30,024	35,016	27,360	32,460	35,424	34,536	30,530	32,822	30,305	25,512	22,116	27,996	20,112	343,392
1913—	24,600	37,080	21,384	28,188	26,724	15,984	32,784	19,284	29,016	17,652	14,124	17,868	285,288	
1914—	34,284	36,468	28,036	27,048	31,048	31,048	31,796	46,752	22,188	23,424	308,604	—	—	
1915—	27,576	34,884	34,776	43,692	31,572	37,236	29,460	46,200	30,216	25,404	39,084	17,472	398,172	
1916—	30,588	20,280	21,768	28,608	36,348	38,900	41,412	33,336	30,996	26,992	22,164	21,924	359,316	
1917—	36,648	29,976	38,700	43,404	42,036	33,900	35,712	44,124	48,564	27,864	25,824	13,092	419,964	
1918—	20,208	38,508	36,432	45,540	30,408	27,276	44,794	45,624	30,792	29,736	16,248	14,892	386,460	
1919—	37,658	48,408	47,352	38,952	53,208	53,952	84,264	73,008	78,576	29,340	27,492	44,784	617,052	
1920—	36,468	44,052	47,820	30,108	36,792	27,156	37,056	45,384	23,124	15,300	12,504	7,536	363,900	
1921—	14,712	14,748	12,684	20,868	13,452	17,856	24,398	29,928	23,112	22,332	15,480	15,948	225,516	
1922—	15,372	21,624	17,160	22,056	26,916	31,692	34,248	20,952	27,132	22,908	11,580	9,444	261,084	
1923—	22,656	21,672	23,244	22,308	26,832	22,092	28,480	30,091	23,067	25,079	17,930	11,539	275,990	
1924—	15,009	23,705	23,660	38,424	24,936	21,240	—	—	—	—	—	—	—	

Division of Statistical and Historical Research. Compiled from Statistical Reports of the Kansas City Board of Trade, 1909-1923; from Kansas City Grain Market Review, 1924.

TABLE 45.—*Hay: Receipts at Milwaukee, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Average, 1909-1912—													
1,633	2,364	3,082	3,632	3,907	4,412	3,602	3,227	3,024	3,135	3,376	3,520	39,610	
Average, 1914-1920—	1,522	1,474	2,043	2,098	2,215	2,650	2,176	1,928	2,614	1,859	1,671	2,590	24,816
1909	1,364	1,611	2,608	2,780	2,940	2,390	2,362	2,780	3,118	2,618	2,170	2,398	29,151
1910	1,318	2,785	1,940	3,115	4,020	4,550	3,010	3,059	3,708	3,112	3,838	3,000	39,934
1911	1,452	2,922	4,472	4,488	3,444	4,830	3,924	4,386	3,520	3,072	3,768	3,212	43,634
1912	2,360	2,970	3,410	3,545	5,230	7,702	5,322	3,108	3,758	3,331	3,626	3,384	47,756
1913	1,674	1,528	2,976	4,226	3,900	2,574	2,935	1,836	3,954	3,540	3,476	4,056	37,574
1914	2,484	3,280	4,512	2,016	3,584	4,100	4,023	3,048	4,614	3,400	3,874	4,273	45,698
1915	2,122	2,608	2,647	1,905	2,990	4,571	2,178	3,343	4,000	2,204	1,802	3,828	34,248
1916	1,648	1,509	1,890	1,718	1,653	2,305	1,318	873	1,297	1,380	1,404	2,896	19,748
1917	1,660	936	1,279	1,566	2,133	2,763	1,021	2,130	2,697	1,885	960	1,332	21,081
1918	937	936	1,029	2,229	1,332	1,133	1,907	1,128	1,350	1,262	1,030	1,899	15,778
1919	720	288	1,047	1,949	1,296	1,740	1,514	1,968	2,888	1,488	1,126	2,220	18,233
1920	1,385	804	2,096	2,040	1,718	1,833	2,099	966	1,468	1,392	1,512	1,572	18,943
1921	408	909	1,608	2,045	1,176	1,250	1,680	1,692	1,524	1,176	2,280	2,102	17,901
1922	1,435	961	1,200	1,584	1,454	1,828	1,788	1,546	1,344	1,320	1,438	1,488	17,381
1923	1,008	996	1,152	1,692	2,472	1,571	1,373	1,026	1,728	1,025	1,465	996	17,094
1924	1,144	686	1,275	874	1,037	860							

Division of Statistical and Historical Research. Compiled from reports of the Milwaukee Chamber of Commerce, 1909-1922; from Hay Trade Journal, 1923-24.

TABLE 46.—*Hay: Receipts at Minneapolis, July, 1909—December, 1923*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Average, 1909-1912—													
2,248	3,420	3,218	4,324	4,178	4,870	4,126	5,550	5,170	3,488	3,136	2,622	46,350	
Average, 1914-1920—	1,953	2,431	2,508	3,409	3,410	3,503	3,004	3,042	3,431	3,010	2,471	2,269	34,442
1909	1,540	2,240	2,600	2,290	2,630	1,180	2,120	2,090	2,090	2,070	2,270	1,990	26,310
1910	3,480	6,080	4,580	6,080	4,190	8,090	9,440	7,310	5,180	6,040	2,530	66,300	
1911	2,490	3,020	3,010	4,200	4,910	6,960	6,910	9,270	8,800	6,190	4,360	3,420	63,570
1912	1,830	3,450	3,810	4,140	4,110	3,230	3,700	3,470	3,040	1,940	1,870	2,610	37,290
1913	1,900	2,310	2,090	4,910	6,050	4,890	5,510	2,880	4,010	2,000	2,110	2,500	38,280
1914	3,640	3,520	3,520	5,080	4,310	4,610	3,820	2,870	3,941	3,445	3,091	3,169	46,513
1915	1,083	5,060	3,030	3,828	5,334	5,541	2,108	3,928	4,570	2,520	4,046	4,262	45,306
1916	2,120	1,857	3,125	4,347	4,486	3,077	2,568	3,144	3,618	2,467	1,925	2,014	35,652
1917	2,020	1,901	2,418	4,263	4,439	4,080	4,791	3,857	5,352	1,948	1,933	2,124	30,126
1918	2,020	1,550	1,765	1,861	1,573	2,415	2,333	2,969	2,305	7,007	2,268	1,113	29,769
1919	1,397	1,268	2,352	2,409	1,568	2,058	2,420	2,499	1,928	1,361	2,117	1,200	22,607
1920	1,484	1,863	1,357	2,072	2,161	2,707	2,993	2,029	2,309	1,722	1,317	1,104	23,118
1921	895	2,028	1,876	2,770	1,693	2,294	2,458	2,365	2,761	2,056	1,020	1,227	28,718
1922	2,330	1,947	2,046	2,240	2,089	2,352	2,767	2,192	3,191	1,538	1,760	1,624	25,966
1923	2,333	1,820	1,850	2,005	2,776	3,337	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from Minneapolis Chamber of Commerce Reports.

TABLE 47.—*Hay: Receipts at New York, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Average 1909-1913—	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
25,528	25,211	29,007	31,220	30,293	27,173	23,906	22,563	26,388	22,225	27,030	28,233	318,776	
Average 1914-1920—	21,603	19,179	23,472	21,550	22,324	18,167	15,318	12,642	16,759	15,230	17,934	20,814	224,989
1909—	25,379	24,158	31,548	35,587	33,319	28,270	20,620	24,880	30,560	24,360	28,622	27,457	334,760
1910—	25,667	20,881	32,216	34,373	34,265	28,800	25,240	23,020	28,490	21,130	26,628	33,850	338,861
1911—	25,299	26,346	26,007	28,862	32,083	23,810	22,176	23,716	18,975	17,041	24,464	22,132	392,411
1912—	22,480	23,772	22,591	28,860	28,555	23,036	26,654	19,645	27,522	22,581	28,462	25,104	304,322
1913—	28,514	21,890	32,074	28,416	22,641	26,951	24,842	21,552	26,394	25,112	26,976	32,560	318,528
1914—	28,430	26,387	35,075	27,209	27,765	23,622	25,505	25,184	30,554	22,786	25,561	33,658	320,696
1915—	31,827	24,071	39,052	27,343	31	728,20,034	14,295	11,417	22,311	22,331	23,225	26,636	296,200
1916—	25,071	18,037	18,750	20,442	16,888	16,277	15,142	13,384	16,557	15,936	17,273	18,107	214,064
1917—	20,521	11,912	15,618	18,323	20,522	15,841	13,067	12,232	14,267	18,054	18,586	21,253	200,197
1918—	12,121	21,842	20,519	24,342	22,006	22,544	15,899	12,526	11,759	14,373	16,642	19,443	217,300
1919—	19,229	18,863	18,038	17,404	16,216	17,765	17,760	11,271	6,203	4,199	15,890	16,494	170,742
1920—	18,119	12,341	17,265	13,787	19,792	13,082	8,666	7,756	10,030	8,931	8,350	9,106	146,734
1921—	8,348	9,521	10,230	9,395	9,205	7,523	8,762	7,629	5,408	6,807	9,107	10,296	102,381
1922—	10,916	8,431	10,650	8,090	11,234	6,597	9,928	3,560	8,089	6,488	6,320	5,392	95,325
1923—	7,730	5,385	7,672	9,308	8,403	9,183	8,701	4,838	6,024	4,482	5,810	7,148	84,682
1924—	7,614	4,487	5,461	6,774	4,603	7,586							

Division of Statistical and Historical Research.

Compiled from Statistical Reports of the New York Produce Exchange, 1909-1922; from Hay Trade Journal, 1923-24.

TABLE 48.—*Hay: Receipts at Peoria, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Average 1909-1913—	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
1,472	3,002	4,703	4,608	3,438	3,619	3,846	3,668	3,763	2,804	3,093	2,329	40,496	
Average 1914-1920—	1,814	3,993	5,077	4,078	3,124	2,275	2,814	2,885	3,670	2,600	2,084	2,076	36,490
1909—	1,128	2,302	3,907	4,411	3,235	2,930	4,030	6,210	5,978	3,891	3,096	3,000	44,118
1910—	1,058	2,160	5,310	5,083	4,234	3,769	3,080	2,366	2,910	1,760	2,781	2,937	37,048
1911—	2,610	6,370	5,094	3,450	1,960	2,735	2,710	3,111	2,930	2,500	3,800	2,090	39,361
1912—	1,242	1,757	4,393	5,227	4,150	4,420	5,682	3,884	3,125	2,130	2,020	1,770	39,800
1913—	1,320	2,720	5,280	4,870	3,610	4,240	4,130	3,770	3,871	3,740	3,770	1,850	42,151
1914—	2,150	3,480	7,006	4,735	3,480	2,710	2,679	2,415	3,940	2,140	1,940	1,630	38,305
1915—	1,040	3,400	3,860	2,890	3,830	3,132	2,520	3,160	6,070	2,650	2,990	3,350	38,702
1916—	2,190	3,323	4,920	5,650	4,501	4,100	4,820	4,950	4,810	3,680	2,620	2,030	47,594
1917—	2,160	2,540	5,200	4,210	3,540	2,480	2,080	2,700	6,410	5,040	1,820	2,020	40,800
1918—	1,600	3,220	4,650	5,110	2,270	1,720	3,290	3,250	1,770	2,610	3,240	2,670	35,400
1919—	1,500	7,540	4,030	3,860	2,580	720	3,360	2,880	1,730	1,040	1,680	2,480	33,400
1920—	2,060	4,450	5,870	2,090	1,070	1,060	950	840	960	440	400	350	21,140
1921—	240	690	440	710	980	660	890	900	730	1,240	1,310	2,180	10,970
1922—	2,300	6,380	3,750	3,410	2,700	2,610	2,290	1,890	1,450	2,710	2,670	900	33,060
1923—	320	3,950	4,890	5,600	2,070	1,120	1,660	1,030	2,010	2,290	2,360	970	29,470
1924—	730	3,240	4,960	4,000	3,630	1,330							

Division of Statistical and Historical Research.

Compiled from Peoria Board of Trade, 1909-1918; from weekly quotations in the Hay Trade Journal, 1919-1924.

TABLE 49.—*Hay: Receipts at Philadelphia, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909-1913	6,918	5,141	6,084	7,933	7,809	6,981	7,257	6,211	6,951	6,922	8,092	7,290	83,589
Average 1914-1920	4,948	4,064	5,163	6,026	6,406	5,298	5,854	4,514	4,265	5,475	5,450	4,686	61,151
1909	7,302	5,258	4,908	7,361	8,013	8,221	4,053	7,078	8,019	8,936	6,347	6,477	83,233
1910	4,240	4,396	7,557	8,481	8,206	5,820	7,020	6,238	6,910	5,861	8,104	7,691	81,529
1911	9,744	5,103	7,085	10,175	8,745	7,040	8,227	6,567	6,720	8,361	10,887	7,001	116,715
1912	6,897	6,103	5,621	8,426	6,925	7,271	7,634	6,631	6,055	5,240	7,420	7,030	81,853
1913	6,399	4,845	5,190	5,224	6,556	6,545	7,850	4,542	7,051	6,210	7,612	7,590	75,014
1914	6,324	6,248	7,034	8,018	8,807	5,215	7,821	6,215	5,456	4,620	7,357	8,808	78,583
1915	5,157	4,862	7,018	7,323	7,755	7,271	9,522	6,666	7,347	10,461	8,754	6,649	88,780
1916	7,058	4,584	5,984	8,224	7,056	5,916	7,695	5,892	5,894	7,143	6,808	6,352	79,006
1917	8,940	5,106	5,220	7,339	6,000	5,097	5,268	2,872	3,240	6,852	2,370	1,296	60,296
1918	2,235	1,380	1,584	3,260	2,628	936	1,944	4,724	2,040	2,628	4,432	3,606	31,487
1919	2,112	2,244	5,080	3,336	3,552	7,992	5,728	2,844	3,408	3,768	4,740	5,064	49,808
1920	2,810	3,936	3,624	4,284	3,444	4,660	3,000	2,388	2,470	2,856	3,684	2,880	40,036
1921	2,100	2,520	2,412	4,488	3,900	4,508	5,136	4,332	4,848	4,150	4,560	8,220	51,202
1922	4,044	6,123	2,964	3,923	3,532	3,000	5,028	2,712	2,520	2,580	2,772	3,048	42,246
1923	2,574	2,362	2,700	4,296	4,620	5,388	2,772	3,540	4,548	5,826	4,836	49,714	
1924	3,780	2,088	2,856	3,456	3,280	2,232	—	—	—	—	—	—	—

Division of Statistical and Historical Research.

Compiled from weekly reports of the Hay Trade Journal.

TABLE 50.—*Hay: Receipts at Pittsburgh, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909-1913	7,177	7,499	9,945	13,276	11,242	10,040	9,717	9,810	9,180	8,894	7,580	7,494	111,863
Average 1914-1920	6,069	6,457	6,598	8,203	9,672	7,340	6,701	6,013	7,204	6,249	5,994	6,176	81,737
1909	7,819	8,040	9,628	17,191	12,882	4,765	8,302	10,034	9,942	14,478	7,052	8,304	118,497
1910	7,578	8,564	6,900	17,192	10,416	10,680	8,640	10,949	7,839	8,299	11,179	8,220	116,525
1911	9,101	6,717	13,891	9,754	6,887	12,858	11,088	9,492	11,211	10,332	5,448	8,172	114,951
1912	5,676	8,748	9,084	11,599	13,098	12,420	8,472	11,136	9,888	5,496	6,516	5,352	107,485
1913	5,712	5,424	10,184	10,043	12,926	9,468	12,024	7,440	7,020	5,865	7,752	7,420	101,858
1914	3,660	6,742	8,894	11,138	5,917	7,488	8,700	6,474	6,320	5,772	6,714	6,106	83,923
1915	7,032	6,023	7,856	9,510	12,804	9,967	8,660	9,408	7,092	9,600	7,704	10,328	106,910
1916	10,300	5,042	9,540	6,854	12,612	9,490	7,080	6,360	8,952	6,420	5,700	8,652	94,002
1917	7,320	2,244	4,836	6,504	7,580	7,656	4,644	3,564	9,420	7,080	5,627	6,508	72,983
1918	4,364	4,577	5,539	8,939	11,955	6,530	6,538	4,901	4,854	4,926	6,254	4,369	73,746
1919	3,295	4,688	4,992	6,900	9,228	4,716	5,568	4,668	7,800	4,056	3,098	2,448	61,551
1920	6,511	7,980	4,530	7,474	7,630	8,536	6,699	6,716	6,408	5,892	6,864	4,822	79,062
1921	1,848	6,336	5,298	8,288	11,436	4,084	7,470	7,140	7,260	4,280	5,734	8,432	76,162
1922	4,122	5,506	5,808	5,008	6,944	5,704	3,504	4,610	5,466	6,985	3,626	4,367	61,769
1923	3,652	2,097	6,127	9,218	0,107	5,105	5,216	7,790	(1)	(1)	8,327	4,270	-----
1924	3,987	1,903	1,490	5,043	8,514	4,708	—	—	—	—	—	—	—

Division of Statistical and Historical Research.

Compiled from Hay Trade Journal.

\* Not reported.

# Hay and Feed Statistics

51

**TABLE 51.—Hay: Receipts at St. Louis, July, 1909—December, 1924**

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total		
	Short tons														
Average, 1909-1913.	15,194	23,437	23,054	22,947	18,785	23,233	21,199	22,222	18,490	18,551	16,380	17,820	241,320		
Average, 1914-1920.	15,230	18,859	22,870	22,012	19,042	20,309	20,439	20,942	21,821	17,306	16,824	14,339	229,995		
1909.....	11,558	17,236	17,357	18,075	15,478	14,720	20,000	20,340	16,280	17,742	13,609	18,063	200,456		
1910.....	12,027	25,247	28,510	22,356	21,080	27,220	21,190	20,230	23,180	16,848	18,819	17,218	253,932		
1911.....	18,100	33,298	18,018	0,861	23,435	15,948	25,520	18,225	26,745	18,745	18,305	24,280	19,015	17,085	259,642
1912.....	18,425	20,442	21,620	21,323	17,923	22,985	22,020	25,790	12,245	14,720	14,890	16,060	229,713		
1913.....	16,860	20,960	28,025	29,550	23,485	25,720	23,960	18,005	22,483	19,165	15,565	20,075	262,855		
1914.....	18,375	31,730	31,135	39,470	20,555	31,260	24,840	25,700	25,565	20,105	17,230	13,585	299,550		
1915.....	18,485	23,980	22,495	19,015	19,940	16,885	15,220	22,220	16,875	11,335	20,770	16,593	223,815		
1916.....	16,630	14,615	16,860	14,885	14,366	17,000	24,984	19,174	13,804	20,086	20,851	16,778	209,902		
1917.....	13,878	13,053	20,694	19,886	33,493	22,295	14,190	15,873	32,064	26,526	13,125	12,941	238,144		
1918.....	9,647	16,459	19,602	28,767	15,147	12,846	17,337	20,069	12,250	20,511	16,478	13,380	205,812		
1919.....	13,382	14,311	23,550	16,227	15,680	21,934	28,365	32,583	37,507	11,705	21,344	19,524	256,112		
1920.....	16,314	17,868	25,757	15,186	13,793	19,940	18,170	10,979	14,684	10,874	7,844	7,568	179,633		
1921.....	8,427	9,952	9,048	13,545	7,084	10,669	13,994	10,783	8,779	8,346	8,006	10,758	119,991		
1922.....	6,668	11,285	11,143	11,019	11,025	12,789	17,131	10,063	12,080	13,398	12,684	9,060	138,981		
1923.....	11,244	8,004	12,444	12,948	12,096	10,128	13,162	12,876	11,556	10,932	14,188	9,946	139,514		
1924.....	9,968	8,470	13,932	12,072	15,075	9,852	-----	-----	-----	-----	-----	-----	-----		

Division of Statistical and Historical Research.

Compiled from Annual Statement of the Trade and Commerce of St. Louis, 1909-1923; from Hay Trade Journal, 1924.

**TABLE 52.—Hay: Receipts at San Francisco, July, 1909—December, 1924**

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average, 1909-1913.	17,574	23,639	17,680	13,206	10,708	9,535	9,990	10,202	11,150	9,427	9,983	11,017	154,134
Average, 1914-1920.	12,699	15,069	12,272	8,814	7,688	7,446	6,803	6,116	8,272	10,441	10,394	10,279	104,394
1909.....	18,459	21,876	19,008	12,809	11,914	9,895	13,883	11,844	15,504	10,447	10,828	11,713	168,220
1910.....	16,876	28,807	22,412	17,164	14,381	11,355	11,404	12,110	11,561	11,334	12,776	11,311	184,594
1911.....	14,804	20,565	19,836	12,618	11,864	10,456	9,119	8,569	11,547	9,220	9,976	8,909	147,483
1912.....	18,441	24,301	14,038	10,218	9,007	8,480	7,085	9,820	8,918	8,119	9,296	13,492	141,224
1913.....	19,288	22,644	13,151	10,058	6,373	7,491	8,507	8,657	8,263	8,014	7,040	9,661	129,147
1914.....	14,148	20,827	18,373	14,696	9,916	7,850	9,970	9,736	12,402	14,118	11,789	17,908	161,739
1915.....	19,859	18,480	15,498	10,489	10,119	8,985	8,207	12,758	11,081	9,312	9,746	10,781	145,373
1916.....	16,469	17,339	14,260	9,503	6,872	7,075	5,501	6,067	6,969	6,732	5,141	5,927	108,455
1917.....	8,114	13,148	12,665	6,365	7,508	4,780	8,085	4,794	5,883	4,792	4,410	5,684	86,228
1918.....	13,895	10,014	5,582	3,542	3,153	2,998	4,866	10,538	5,138	8,210	5,847	5,541	80,233
1919.....	8,429	13,006	12,173	5,412	6,886	6,435	7,860	5,862	4,582	4,000	2,085	7,645	80,775
1920.....	7,978	11,769	7,355	5,900	5,501	4,015	3,146	3,920	6,065	4,049	3,791	4,464	67,953
1921.....	6,035	12,938	5,939	4,734	3,074	2,876	3,763	3,791	3,714	3,300	4,482	3,039	59,185
1922.....	4,547	9,270	5,180	3,159	5,017	4,058	3,548	2,829	5,228	5,441	4,799	6,941	60,017
1923.....	7,072	14,000	6,676	9,285	7,498	8,640	(1)	7,086	(1)	3,002	2,116	4,210	-----
1924.....	8,268	5,524	3,736	4,684	4,440	4,881	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research.

Compiled from San Francisco Chamber of Commerce reports, 1909-1920; from Hay Trade Journal, 1921-1924.

<sup>1</sup> Not reported.

TABLE 53.—*Hay: Shipments from leading markets, 1889–1924*

Year beginning July	Boston	Baltimore	Chicago	Cincinnati	Kansas City	Minneapolis	Peoria	St. Louis
Average:	Short tons	Short tons	Short tons	Short tons				
1889–1893	—	—	41,688	—	—	1,156	10,197	52,301
1899–1908	23,216	20,229	10,030	85,245	—	2,304	6,370	107,588
1900–1913	21,071	13,213	27,093	123,056	69,956	14,700	10,540	107,209
1914–1920	—	—	50,759	—	149,846	4,751	11,718	128,653
1889—	(1)	(1)	73,262	(1)	(1)	1,067	13,398	53,522
1890—	(1)	(1)	19,378	(1)	(1)	1,043	3,351	40,247
1891—	(1)	(1)	28,935	(1)	(1)	1,640	3,703	38,253
1892—	(1)	(1)	30,019	68,636	(1)	2,350	12,872	32,078
1893—	37,200	(1)	58,990	44,558	(1)	1,103	12,308	30,095
1894—	46,035	(1)	35,544	35,594	(1)	1,133	12,709	41,238
1895—	14,015	(1)	36,040	41,679	(1)	1,275	10,232	69,046
1896—	3,380	(1)	104,637	19,728	(1)	743	17,907	107,980
1897—	10,766	11,950	19,609	58,848	(1)	603	9,195	64,067
1898—	16,360	12,204	10,461	93,103	(1)	705	6,297	46,488
1899—	34,965	11,679	10,495	66,169	(1)	455	2,040	64,333
1900—	14,400	21,735	5,280	38,579	(1)	1,362	3,022	120,777
1901—	40,325	21,152	10,977	63,457	(1)	2,014	4,291	117,557
1902—	71,250	20,680	18,294	91,378	(1)	2,650	3,750	89,028
1903—	13,730	21,070	20,012	60,472	(1)	1,880	9,194	114,441
1904—	14,650	18,383	11,660	55,061	(1)	5,038	7,450	119,984
1905—	14,629	18,087	12,335	78,341	37,220	1,406	6,550	90,130
1906—	23,435	23,780	33,061	176,112	54,390	1,100	7,024	101,336
1907—	2,852	26,403	42,941	111,930	97,032	2,300	12,281	149,042
1908—	1,922	19,319	25,450	110,053	55,488	4,840	7,200	109,255
1909—	12,762	15,665	16,571	115,322	40,264	2,380	4,904	66,015
1910—	16,703	16,401	24,295	141,085	76,188	15,810	9,812	87,455
1911—	41,608	13,079	18,632	97,348	83,424	24,010	13,325	126,890
1912—	18,708	11,713	52,598	91,430	67,392	26,830	13,600	132,125
1913—	15,574	9,205	23,370	170,096	82,512	5,470	11,059	123,560
1914—	1,186	10,053	60,887	198,342	75,456	4,740	16,378	177,030
1915—	112	8,930	73,025	138,777	59,028	5,476	14,925	130,715
1916—	3,211	10,095	39,463	117,435	111,288	2,415	15,282	79,945
1917—	(2)	14,364	44,838	257,307	178,008	2,974	12,204	147,070
1918—	(2)	32,335	63,198	255,172	198,216	6,517	9,868	159,060
1919—	(2)	12,194	42,713	(1)	167,076	5,107	5,081	95,395
1920—	(2)	(2)	30,592	(1)	259,648	6,025	8,290	111,355
1921—	(2)	(2)	12,110	(1)	87,588	1,864	4,050	47,705
1922—	(2)	(2)	9,487	(1)	64,728	3,647	4,510	48,385
1923—	(2)	(2)	13,225	(1)	83,540	3,232	2,730	62,945

Division of Statistical and Historical Research. Compiled from Boston Chamber of Commerce, 1893–1916; Baltimore Daily Price Current, 1897–1920; Chicago Board of Trade, 1889–1923; Cincinnati Chamber of Commerce, 1892–1918; Kansas City Board of Trade, 1905–1923; Minneapolis Chamber of Commerce, 1889–1923; Peoria Board of Trade, 1880–1918; St. Louis Merchants Exchange, 1880–1923.

<sup>1</sup> Data not available.

<sup>2</sup> No shipments reported.

TABLE 54.—*Hay: Shipments from Chicago, July, 1909–December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909–1913—	1,303	1,163	1,844	1,964	1,676	2,120	2,399	3,132	4,388	4,538	2,507	30,436	
Average 1914–1920—	2,357	1,773	3,165	4,005	3,567	4,514	3,965	4,518	6,548	5,516	4,982	3,315	48,313
1909—	883	1,015	923	1,330	1,865	1,344	1,194	1,521	2,575	3,516	4,200	3,031	23,408
1910—	1,119	1,516	2,005	1,534	840	1,235	1,498	1,539	2,265	1,239	2,147	1,073	18,010
1911—	925	685	1,619	1,071	1,477	3,094	3,056	0,179	10,104	11,456	5,346	4,129	49,140
1912—	2,803	1,421	1,910	2,545	1,664	1,986	2,052	2,436	2,240	827	574	700	22,161
1913—	786	1,178	2,761	3,340	2,534	2,930	3,192	3,983	4,729	5,652	4,769	3,601	39,464
1914—	2,292	2,469	6,256	7,688	5,309	10,947	10,600	9,300	10,481	7,808	6,694	3,764	83,672
1915—	1,805	2,467	5,168	4,274	6,655	4,545	3,585	4,857	6,925	5,104	4,236	4,497	54,118
1916—	2,776	1,297	1,857	1,232	1,674	1,423	1,603	2,140	2,204	4,304	8,003	4,791	33,454
1917—	1,705	1,411	1,938	2,157	5,023	9,409	4,474	5,028	10,344	10,108	7,526	2,654	62,675
1918—	2,186	2,741	2,330	9,359	3,941	1,609	2,838	2,974	4,255	8,573	6,504	5,414	52,722
1919—	3,727	1,931	2,226	2,414	986	1,873	2,233	4,781	9,356	1,327	1,284	1,423	32,561
1920—	2,007	1,095	2,377	1,538	1,380	1,791	2,206	1,645	2,212	1,391	624	663	18,989
1921—	203	803	731	550	445	577	709	992	1,305	1,316	939	1,176	9,746
1922—	531	379	725	496	392	527	539	316	734	1,776	3,048	1,944	11,407
1923—	716	582	1,522	358	723	750	937	1,273	3,524	1,612	1,643	640	14,280
1924—	518	243	332	1,142	1,005	515	—	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from reports of the Chicago Board of Trade, 1909–1923; from Hay Trade Journal, 1924.

TABLE 55.—*Hay: Shipments from Kansas City, July, 1909—December, 1923*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909-1913—	5,002	6,816	4,598	4,819	5,482	5,933	7,817	8,762	7,296	7,294	5,890	4,615	74,323
Average 1914-1920—	9,899	10,548	9,869	9,778	13,821	14,422	18,586	22,377	18,074	11,314	7,754	6,874	154,017
1909.....	1,500	3,216	2,688	3,624	4,656	3,360	5,244	6,828	7,392	7,224	5,064	4,164	54,960
1910.....	5,700	9,828	5,700	5,268	5,832	7,944	10,356	10,572	7,608	9,780	9,660	5,580	93,828
1911.....	5,138	7,224	3,864	4,008	4,956	4,680	4,260	6,588	5,016	4,716	4,308	4,140	58,896
1912.....	7,140	6,960	4,296	5,688	5,844	8,436	10,358	9,768	6,912	7,586	6,360	5,820	85,176
1913.....	5,532	6,852	6,444	5,508	6,120	5,244	8,868	10,056	9,552	7,152	4,056	3,372	78,756
1914.....	5,392	8,138	4,288	3,816	5,316	4,944	7,080	7,308	5,820	8,328	3,936	2,736	67,608
1915.....	3,336	4,176	3,276	2,364	5,220	5,448	5,988	11,172	11,796	7,092	9,048	4,752	73,668
1916.....	8,544	7,188	5,940	6,732	14,160	18,876	17,532	15,144	15,996	12,864	7,176	8,280	138,432
1917.....	16,200	10,092	11,652	16,920	26,424	19,728	20,328	28,932	28,748	12,648	10,848	222,912	
1918.....	6,564	13,704	13,032	17,904	13,332	11,784	17,484	21,948	9,636	10,128	3,492	4,032	143,040
1919.....	14,004	13,584	14,208	12,336	20,904	25,320	41,304	48,108	43,860	13,188	14,232	15,444	276,492
1920.....	15,456	16,958	16,680	8,376	11,388	14,856	20,388	24,504	14,676	6,852	3,744	2,028	155,964
1921.....	4,500	1,584	1,020	2,124	2,328	3,780	8,288	8,580	5,532	5,424	4,224	5,364	50,748
1922.....	3,836	3,840	3,000	4,704	6,492	7,644	13,920	9,900	10,524	8,208	4,056	1,956	77,880
1923.....	5,964	4,400	5,028	4,512	7,368	7,644	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from Statistical Reports of the Kansas City Board of Trade.

TABLE 56.—*Hay: Shipments from Milwaukee, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909-1913—	73	156	306	316	318	247	317	615	686	731	636	524	4,860
Average 1914-1920—	573	460	692	491	492	568	559	389	587	760	705	501	6,695
1909.....	42	341	65	770	-----	66	242	100	100	65	24	110	1,925
1910.....	10	161	343	23	22	36	288	1,536	1,156	1,384	780	168	5,912
1911.....	108	120	96	132	240	408	300	468	660	605	766	432	4,335
1912.....	108	36	96	60	492	283	264	384	468	294	252	132	2,874
1913.....	96	120	924	594	516	438	492	588	1,048	1,308	1,356	1,776	9,256
1914.....	672	710	1,742	1,260	1,680	1,878	2,805	1,296	1,766	1,877	1,236	492	17,414
1915.....	216	48	156	168	144	268	312	394	348	1,728	1,602	797	6,181
1916.....	768	516	924	1,020	708	552	60	180	348	436	293	276	6,081
1917.....	324	504	456	240	168	492	60	216	627	696	660	708	5,151
1918.....	804	564	430	276	444	-----	36	96	120	96	48	204	3,118
1919.....	456	588	648	211	12	48	458	360	600	256	713	708	5,058
1920.....	768	288	490	264	288	168	180	180	302	228	383	324	3,863
1921.....	360	441	643	742	600	466	804	756	1,152	1,562	1,440	1,464	10,435
1922.....	1,684	1,438	1,171	1,380	1,464	1,176	960	1,699	1,678	724	670	835	14,879
1923.....	708	432	516	382	584	499	405	418	600	358	634	585	6,121
1924.....	380	126	-----	12	192	108	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from Hay Trade Journal.

TABLE 57.—*Hay: Shipments from Minneapolis, July, 1909—December, 1923*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909-1913	380	578	598	970	1,307	1,076	1,434	2,462	2,472	1,614	806	488	14,785
Average 1914-1920	173	233	88	345	679	533	415	473	731	500	462	314	4,800
1909	120	200	110	310	180	110	180	410	540	490	370	310	3,330
1910	1,120	1,730	1,750	1,630	2,840	4,440	3,350	6,050	4,150	2,228	1,280	790	31,358
1911	250	640	600	900	1,590	2,190	2,780	5,120	6,830	4,790	2,210	1,010	28,910
1912	270	240	400	940	870	370	510	440	260	260	40	220	4,820
1913	140	80	130	1,070	1,057	1,270	350	290	580	300	130	110	5,507
1914	140	180	100	960	720	880	380	200	734	446	302	348	5,390
1915	191	684	66	237	1,033	856	48	61	286	308	126	200	4,156
1916	204	84	24	372	1,834	187	25	88	208	712	277	276	4,351
1917	97	11	—	228	507	545	845	1,446	1,848	563	440	512	7,042
1918	60	—	23	193	201	396	445	622	1,197	291	570	150	4,147
1919	287	—	209	302	400	625	894	718	681	836	1,323	650	6,925
1920	171	208	109	122	57	250	266	175	160	282	193	50	2,049
1921	92	94	117	137	72	226	220	234	620	946	612	110	3,480
1922	35	82	81	172	228	307	279	280	204	483	142	201	2,674
1923	77	160	131	326	338	431	—	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from Minneapolis Chamber of Commerce Reports.

TABLE 58.—*Hay: Shipments from Peoria, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average, 1909-1913	437	593	921	917	864	900	988	1,265	1,589	1,236	1,002	1,084	11,794
Average, 1914-1920	484	550	1,178	1,518	810	811	1,072	1,015	1,299	840	717	578	10,871
1909	403	310	239	524	456	307	250	356	1,525	1,352	1,128	1,552	8,492
1910	100	200	840	530	1,337	842	1,209	1,050	1,683	592	1,170	1,020	10,373
1911	645	1,661	1,964	1,174	473	1,054	1,089	2,436	1,828	2,263	1,027	1,038	17,222
1912	518	151	518	624	732	885	995	1,182	782	280	187	866	7,700
1913	517	643	963	1,731	1,320	1,613	1,416	1,300	2,129	1,711	900	942	15,185
1914	559	744	1,825	2,005	1,183	1,704	2,354	3,079	2,704	1,228	1,476	967	19,788
1915	383	764	478	310	720	462	606	749	2,065	950	1,380	809	9,070
1916	690	820	2,330	2,260	980	1,643	1,850	820	1,090	1,360	230	651	15,324
1917	644	550	912	2,084	838	575	658	610	1,075	1,400	740	540	10,821
1918	340	350	940	2,460	590	170	460	400	230	380	640	420	7,380
1919	271	360	280	640	620	380	710	1,080	620	410	400	440	6,211
1920	500	260	1,470	870	790	740	870	370	710	160	150	220	7,100
1921	110	220	200	390	370	290	360	530	390	370	270	520	4,520
1922	400	480	120	170	220	180	710	340	220	260	270	90	3,460
1923	70	50	180	160	280	100	170	530	100	180	190	00	2,130
1924	80	50	140	100	140	60	—	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from reports of Peoria Board of Trade, 1909-1918.

From weekly quotations in the Hay Trade Journal, 1919-1924.

# Hay and Feed Statistics

55

**TABLE 59.—Hay: Shipments from Pittsburgh, July, 1909—September, 1922**

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average, 1909-1913	4,636	4,983	6,703	9,819	5,531	4,477	6,772	6,038	5,864	5,418	5,133	5,412	68,868
Average, 1914-1920	3,357	1,797	3,185	3,285	5,004	3,848	3,493	3,134	4,403	2,617	2,419	2,653	36,581
1909	6,219	6,407	5,889	14,433	10,220	3,802	6,627	7,988	7,835	11,518	5,603	6,773	93,314
1910	4,280	6,841	5,549	13,700	2,626	-----	5,668	1,621	1,421	4,328	8,788	6,677	61,499
1911	7,295	2,606	9,026	7,794	2,058	2,848	8,603	5,714	9,239	8,231	4,335	6,543	74,289
1912	3,808	4,732	5,236	6,892	8,054	7,573	4,849	8,900	6,300	2,160	1,214	-----	59,716
1913	1,582	4,329	8,113	6,276	4,605	3,088	8,114	5,960	4,526	852	5,725	1,054	55,523
1914	802	1,105	2,908	1,236	1,589	1,950	4,890	3,240	4,774	4,112	4,871	4,958	36,435
1915	5,313	3,588	5,680	7,758	8,536	8,074	6,804	7,794	4,724	5,380	1,140	2,390	68,081
1916	4,942	3,461	4,908	5,012	6,470	3,220	3,620	3,620	5,784	2,870	3,460	5,161	52,529
1917	3,290	790	2,570	2,032	4,240	1,240	510	1,970	-----	1,224	-----	2,050	19,916
1918	2,330	980	1,290	1,460	2,752	-----	4,040	330	-----	1,110	2,982	2,012	18,986
1919	1,860	985	850	3,100	2,620	-----	2,278	1,474	3,310	1,440	770	950	19,637
1920	4,960	1,970	4,085	2,400	4,450	3,854	2,310	3,500	3,422	2,180	1,290	1,050	40,480
1921	680	1,710	930	6,140	5,309	926	3,920	1,984	850	1,780	2,400	4,820	31,509
1922 <sup>1</sup>	1,198	4,820	1,305	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,323

Division of Statistical and Historical Research. Compiled from Hay Trade Journal.

<sup>1</sup> No shipments reported since September, 1922.

**TABLE 60.—Hay: Shipments from St. Louis, July, 1909—December, 1924**

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Average 1909-1913	5,692	10,134	11,385	8,724	8,454	9,003	11,617	12,188	10,987	9,311	8,442	7,751	113,688
Average 1914-1920	7,866	9,521	10,893	10,138	9,099	10,182	12,166	12,703	12,935	10,760	8,630	7,627	122,520
1909	2,385	4,395	7,405	4,875	4,695	4,010	7,765	8,705	7,645	6,370	4,865	5,110	68,225
1910	3,630	8,530	11,135	6,630	9,005	8,065	8,500	9,185	8,175	10,845	11,025	10,635	105,360
1911	6,915	10,815	11,700	10,670	9,370	13,055	13,960	17,025	15,845	11,457	10,040	7,340	144,192
1912	7,635	10,815	11,885	8,780	8,163	9,180	13,780	12,605	7,030	7,445	7,830	7,055	112,803
1913	7,895	10,115	14,800	12,665	11,035	10,705	14,080	13,420	15,640	10,440	8,450	8,615	137,860
1914	13,326	17,265	21,565	22,485	13,126	18,620	15,260	17,205	18,450	14,775	8,970	7,025	188,070
1915	7,695	13,570	9,615	5,335	6,725	6,090	6,595	9,790	7,760	5,470	6,350	7,965	92,960
1916	7,190	6,390	6,980	4,750	4,915	5,780	12,180	10,078	9,820	10,285	14,220	11,985	104,580
1917	10,900	9,730	13,580	8,680	17,745	17,860	14,590	11,665	17,445	23,935	15,250	11,830	173,220
1918	7,570	10,140	10,775	10,920	11,645	7,295	11,650	14,500	7,480	11,820	7,735	5,010	122,540
1919	4,480	4,695	5,955	6,180	4,845	9,045	17,675	18,255	22,680	6,030	5,250	7,050	112,140
1920	3,905	4,855	7,760	6,615	4,695	6,585	7,210	7,430	6,910	3,005	2,635	2,525	64,130
1921	3,035	3,505	3,655	2,905	2,180	2,710	4,745	4,970	4,990	3,495	3,650	3,830	43,670
1922	2,815	3,560	3,745	3,350	4,285	4,950	6,985	6,300	7,160	8,000	5,825	4,825	61,800
1923	3,657	3,555	4,245	3,315	4,555	3,450	4,195	5,795	6,715	5,065	5,345	3,560	54,452
1924	3,690	3,230	3,995	3,950	5,485	2,490	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from Annual Statement of the Trade and Commerce of St. Louis, 1909-1923; from Hay Trade Journal, 1924.

TABLE 61.—*Hay: United States imports and exports, by countries, 1910–1924*

Year ended June 30	Imported from—			Exported to—						
	Canada	Other countries	Total	United King- dom	Canada	Mexico	Cuba	Philip- pine Islands	Other countries	Total
	Long tons	Long tons	Long tons	Long tons	Long tons	Long tons	Long tons	Long tons	Long tons	Long tons
1900	143, 885	5	143, 890	22, 175	4, 054	4, 487	2, 335	10, 544	29, 121	72, 716
1901	142, 491	129	142, 620	30, 374	6, 053	7, 374	3, 027	16, 693	25, 843	89, 304
1902	48, 290	116	48, 415	51, 552	28, 807	10, 398	3, 889	19, 134	39, 061	163, 431
1903	292, 066	146	293, 112	18, 282	6, 793	6, 817	706	9, 850	5, 517	50, 974
1904	114, 202	126	114, 388	22, 187	6, 618	9, 993	1, 044	16, 120	4, 769	80, 730
1905	46, 182	32	46, 214	25, 272	8, 058	13, 474	1, 032	4, 666	12, 255	56, 557
1906	68, 521	19	68, 540	24, 985	6, 259	21, 809	3, 208	8, 210	5, 521	70, 172
1907	61, 044	72	61, 116	21, 112	6, 518	22, 165	2, 919	1, 922	3, 906	58, 602
1908	10, 020	43	10, 063	18, 305	10, 658	25, 869	6, 479	11, 330	4, 640	77, 281
1909	6, 651	61	6, 712	18, 501	6, 994	16, 594	4, 960	14, 730	3, 802	64, 641
1910	96, 607	322	96, 829	17, 311	6, 141	13, 073	2, 213	12, 916	3, 363	55, 007
1911	330, 638	210	336, 757	11, 335	14, 198	16, 008	564	8, 108	4, 920	55, 223
1912	698, 738	206	699, 004	6, 521	19, 062	13, 037	230	16, 034	4, 007	59, 730
1913	155, 230	1, 093	156, 323	2, 018	33, 238	13, 040	4, 176	4, 830	3, 418	60, 720
1914	169, 344	1, 442	170, 756	352	17, 417	15, 477	4, 960	7, 298	4, 047	50, 151
1915	19, 521	666	20, 187	11, 978	13, 893	9, 410	8, 916	10, 008	51, 303	105, 508
1916	42, 847	337	43, 184	9, 104	12, 709	20, 635	10, 814	4, 897	120, 377	178, 336
1917	57, 808	339	58, 147	529	4, 107	26, 070	8, 611	840	45, 372	85, 529
1918	408, 148	2, 560	410, 738	2, 156	2, 918	5, 830	10, 886	2, 060	4, 488	30, 145
1919	276, 308	1, 140	277, 448	334	9, 986	7, 926	8, 759	425	1, 469	28, 898
1920	224, 884	68	224, 952	2, 150	40, 289	11, 106	3, 478	1, 086	59, 948	
1921	111, 740	925	112, 605	403	30, 531	9, 445	6, 605	667	1, 848	49, 505
1922	4, 410	373	4, 783	407	28, 109	16, 654	6, 407	797	2, 245	54, 679
1923	31, 398	236	31, 634	949	31, 399	6, 888	6, 206	609	1, 356	47, 407
1924	359, 785	463	360, 248	51	9, 408	8, 651	1, 301	836	749	20, 896

Division of Statistical and Historical Research. Compiled from Commerce and Navigation of the United States and official records of the Bureau of Foreign and Domestic Commerce.

TABLE 62.—*Hay, alfalfa: Average price per ton paid to producers in the United States, July, 1914–December, 1924*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1914	8.65	8.38	8.72	8.96	9.20	9.05	9.48	9.32	9.70	9.81	9.58	8.50
1915	8.28	8.28	8.22	8.14	8.72	9.52	9.89	10.35	10.74	10.73	10.56	10.49
1916	9.87	9.80	10.06	10.25	11.37	12.31	12.79	13.63	14.08	17.68	17.92	16.77
1917	14.13	15.28	16.33	17.59	19.19	20.39	21.27	21.38	20.82	18.97	17.84	16.74
1918	10.58	18.22	19.72	20.23	20.42	20.74	20.42	20.91	21.40	22.28	23.32	20.89
1919	20.15	20.72	20.89	20.60	21.63	22.95	24.13	24.41	24.68	24.57	25.68	24.20
1920	21.70	20.43	19.12	18.03	17.10	16.59	14.98	13.95	12.88	11.35	10.88	10.64
1921	9.85	9.06	9.86	9.82	9.67	10.46	10.55	11.04	11.80	12.39	12.28	10.98
1922	10.61	10.54	11.15	11.87	12.70	13.31	14.06	14.02	14.33	14.09	14.40	13.63
1923	12.45	12.01	12.78	13.37	13.59	14.39	13.99	14.08	13.98	14.09	14.12	13.70
1924	13.19	13.84	13.59	12.85	13.90							

Division of Crop and Livestock Estimates.

TABLE 63.—*Hay, alfalfa: Average price per ton paid to producer in the United States, by States, July, 1923–June, 1924*

Geographic division and State	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec.	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
Middle Atlantic:												
New York.....	14.70	13.70	15.00	15.00	17.00	17.50	19.00	18.50	19.00	18.50	18.00	17.00
Pennsylvania.....	18.00	19.80	25.00	23.80	25.00	26.00	27.00	26.00	27.00	26.00	26.00	26.00
East North Central:												
Ohio.....	11.70	12.30	15.00	16.20	18.00	18.90	19.50	20.70	20.70	21.20	20.50	19.60
Indiana.....	13.50	14.70	14.90	17.00	17.60	19.00	20.00	20.00	20.00	20.50	20.00	19.50
Illinois.....	15.90	15.20	16.50	16.40	18.00	20.00	19.40	20.00	21.00	20.40	21.00	20.50
Michigan.....	12.20	11.20	14.00	14.10	16.80	17.50	18.20	18.00	18.50	19.00	18.50	18.00
Wisconsin.....	20.00	19.90	20.60	21.50	22.00	23.80	23.00	23.50	22.00	23.00	22.50	22.40
West North Central:												
Minnesota.....	13.80	13.40	15.00	16.80	17.00	15.00	16.00	17.00	16.50	16.30	16.30	16.10
Iowa.....	15.10	13.20	13.50	15.10	15.30	15.00	15.00	16.00	17.00	16.50	17.00	16.50
Missouri.....	14.20	13.40	14.00	16.00	17.00	18.00	17.50	18.00	18.00	18.20	17.50	18.00
North Dakota.....	13.00	15.50	14.00	15.00	12.00	12.00	11.50	12.00	12.50	12.50	12.00	12.00
South Dakota.....	9.90	10.00	12.00	11.00	10.50	11.50	12.00	11.00	11.00	11.20	11.40	11.00
Nebraska.....	10.50	9.60	10.30	11.00	12.30	12.50	12.00	11.50	11.00	11.00	11.00	10.50
Kansas.....	10.20	10.50	11.90	12.50	13.90	13.40	13.50	13.20	13.00	12.50	12.00	11.30
South Atlantic:												
Maryland.....	18.70	20.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	26.00	25.50
Virginia.....	22.50	22.80	21.90	23.00	24.30	25.00	26.00	25.50	26.00	27.00	26.00	25.50
West Virginia.....	23.00	24.80	22.60	21.50	25.00	22.00	26.20	26.40	26.00	26.00	26.00	26.00
North Carolina.....	20.70	25.00	26.00	24.00	25.00	25.00	25.00	25.20	25.00	25.00	25.00	25.00
South Carolina.....	24.00	31.60	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
Georgia.....	26.00	25.60	28.60	28.60	28.60	28.60	28.60	28.60	28.60	28.60	29.70	31.00
East South Central:												
Kentucky.....	16.00	16.60	17.50	18.00	18.50	19.00	19.50	20.00	20.00	22.00	22.50	22.20
Tennessee.....	20.00	19.20	19.10	20.30	20.50	20.40	19.00	20.00	21.00	20.00	21.00	21.50
Alabama.....	20.00	18.00	17.00	18.00	18.00	18.00	23.00	24.00	23.60	23.00	23.00	23.00
Mississippi.....	22.80	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50	24.00
West South Central:												
Arkansas.....	20.00	20.20	19.20	21.00	25.00	24.60	24.30	24.50	25.50	26.00	26.50	26.50
Louisiana.....	29.00	30.00	28.00	28.00	28.00	28.00	29.00	27.00	27.00	27.00	27.00	27.00
Oklahoma.....	11.20	13.00	15.00	15.40	17.00	17.80	18.20	17.50	17.80	17.20	16.80	16.00
Texas.....	20.00	21.10	23.00	25.00	25.00	25.00	25.00	25.00	26.00	26.00	26.00	21.00
Mountain:												
Montana.....	12.00	10.00	9.00	9.60	10.40	10.00	10.00	9.80	9.50	10.00	9.70	10.00
Idaho.....	9.00	9.20	8.00	10.00	9.00	9.00	10.30	10.00	9.50	9.00	9.00	9.50
Wyoming.....	12.20	11.80	11.50	11.30	11.00	11.00	11.30	11.00	12.00	13.00	13.50	13.00
Colorado.....	12.00	11.00	10.10	12.00	12.40	12.90	11.00	11.50	11.00	11.00	11.30	11.00
New Mexico.....	16.70	14.50	13.60	13.60	14.70	15.00	16.00	16.00	17.00	18.00	17.50	18.00
Arizona.....	14.00	16.50	17.00	16.40	18.00	21.00	18.00	18.00	18.00	20.00	18.00	18.00
Utah.....	9.00	9.30	9.00	10.00	10.70	10.00	10.00	9.50	9.80	10.20	10.20	11.00
Nevada.....	11.10	12.20	12.20	12.20	12.20	9.30	10.70	11.50	11.00	11.50	12.00	12.00
Pacific:												
Washington.....	13.80	12.00	11.80	11.40	11.20	11.10	11.00	12.00	12.00	12.00	12.00	12.40
Oregon.....	12.20	11.20	10.50	12.50	12.50	14.20	14.20	13.00	13.50	13.50	14.00	14.00
California.....	13.20	12.00	14.70	14.00	14.30	15.50	16.40	18.00	18.00	18.50	18.50	18.00
United States.....	12.45	12.01	12.78	13.37	13.50	14.39	13.90	14.08	13.98	14.09	14.12	13.70

Division of Statistical and Historical Research. Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 64.—*Hay, clover: Average price per ton paid to producers in the United States, July, 1914–December, 1924*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1914.....	11.85	12.09	12.44	12.47	12.70	12.76	13.07	13.36	13.41	13.65	13.79	12.78
1915.....	11.65	10.87	10.82	10.60	10.59	10.05	11.24	11.41	11.70	11.87	12.52	12.46
1916.....	10.84	9.93	10.01	10.08	10.46	10.86	11.38	11.65	11.90	13.00	13.04	14.22
1917.....	12.95	12.76	13.70	15.01	17.14	18.67	19.82	21.11	21.37	19.68	18.30	16.54
1918.....	16.73	17.18	19.27	20.60	21.13	21.26	21.69	21.11	21.25	23.36	25.33	25.48
1919.....	22.02	21.58	21.74	21.17	21.61	22.60	23.78	24.94	26.13	26.93	28.31	27.80
1920.....	24.62	22.82	22.57	21.20	20.60	19.96	19.17	17.39	16.44	15.47	14.90	14.52
1921.....	13.80	14.17	14.37	13.99	13.83	14.17	13.90	14.10	14.00	14.51	14.90	14.33
1922.....	12.82	12.06	12.54	12.51	12.67	13.03	13.39	13.35	13.24	13.47	13.58	13.70
1923.....	13.52	13.61	14.12	14.73	14.94	15.82	15.51	15.93	16.31	16.08	15.92	15.95
1924.....	15.45	14.00	13.75	13.65	13.66	—	—	—	—	—	—	—

Division of Crop and Livestock Estimates.

TABLE 65.—*Hay, clover: Average price per ton paid to producers in the United States, by States, July, 1923—June, 1924*

Geographic division and State	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
New England:												
Maine	Dols. 13.50	Dols. 12.00	Dols. 13.00	Dols. 13.50	Dols. 13.00	Dols. 12.40	Dols. 13.40	Dols. 13.00	Dols. 12.80	Dols. 13.20	Dols. 13.00	Dols. 13.00
New Hampshire	18.00	18.50	19.00			22.00						
Vermont	17.60	13.50	14.00	20.00		17.50	15.20	16.00				
Massachusetts	23.20	19.80	24.50	21.30		25.00		22.40	21.00			
Connecticut	20.00			26.00				25.00				
Middle Atlantic:												
New York	13.00	12.00	13.00	13.40	14.00	15.30	15.10	15.00	15.20	14.80	14.90	15.50
New Jersey	21.10	21.00			21.00	24.00	25.00	25.00	26.50	26.00	25.00	
Pennsylvania	15.10	16.50	17.00	19.00	20.40		21.50	22.50	23.00	22.70	23.00	24.00
East North Central:												
Ohio	10.60	11.00	14.00	14.10	16.00	17.00	17.70	18.50	18.80	19.00	18.50	17.70
Indiana	11.80	13.00	13.30	14.30	15.00	16.50	16.90	17.50	17.00	16.70	16.50	16.00
Illinois	13.00	13.00	14.60	13.90	16.00	17.00	16.40	17.50	18.00	17.50	17.00	16.50
Michigan	10.50	11.00	12.20	12.20	13.70	14.30	14.50	14.00	15.00	15.50	16.00	16.50
Wisconsin	12.40	13.30	14.00	15.00	15.00	15.40	16.00	16.00	15.60	16.00	16.10	16.50
West North Central:												
Minnesota	12.20	12.20	12.80	14.20	13.00	12.70	12.00	13.20	13.10	12.70	12.70	12.40
Iowa	11.70	11.80	11.70	11.90	14.00	13.50	13.00	14.00	15.00	14.50	14.00	14.00
Missouri	14.00	12.30	12.30	13.30	14.50	15.00	15.00	15.20	16.00	16.00	15.50	15.50
North Dakota					10.00	9.00	10.00	10.00	10.00	10.00	10.00	10.00
South Dakota	12.80				9.50	9.80	10.00	12.00	11.00	10.50	11.00	11.30
Nebraska	9.90	10.70	10.00	11.20	11.40	12.50	12.00	12.50	12.00	11.50	11.20	
Kansas	12.00	11.40	10.50	9.90	10.70	11.80	12.50	13.50	14.00	14.00	13.00	13.50
South Atlantic:												
Maryland	16.90	18.00	20.00			25.00	25.00	25.00	24.00			
Virginia	17.30	21.40	19.40	21.00	20.20	21.00	21.40	22.00	22.00	23.00	23.50	23.00
West Virginia	19.50	19.90	20.00	18.50	18.60	18.00	19.00	21.00	22.00	23.00	23.00	
North Carolina	21.00	20.60	19.80	18.00	20.00	21.00	21.80	21.00	23.00	22.00	22.00	
Georgia	27.70	27.30	23.00	24.50		26.00	26.00			29.30		
East South Central:												
Kentucky	16.40	16.30	17.30	17.80	16.50	17.50	19.00	19.50	20.50	21.00	20.60	21.00
Tennessee	19.50	18.50	17.70	18.90	18.50	18.90	18.90	19.50	20.00	19.00	20.00	20.50
Alabama	23.00	20.00					21.00		22.80	22.00	22.00	
Mississippi	20.00		16.70	16.50	16.00		18.00					21.00
West South Central:												
Arkansas	19.10	17.60	16.00	19.10	20.90	18.00	17.50	18.00	19.00	19.00	18.50	
Louisiana	19.00	20.00			19.50	20.50	20.30	20.00				
Mountain:												
Montana	13.00				10.30	10.50	11.50	11.00	11.00			
Idaho	12.00	11.00			9.50	12.00	11.50	12.00	11.50	11.00	10.00	10.50
Utah	10.20	9.00				10.00		9.00				
Pacific:												
Washington	12.60	11.30	11.00			11.50		12.50	13.00	14.00	13.00	10.50
Oregon	10.90	10.50	11.00	11.00	12.00	11.00	11.00	10.70	10.50	10.00	10.50	10.00
United States	13.52	13.51	14.12	14.73	14.94	15.82	15.51	15.93	16.31	16.08	15.92	15.95

Division of Statistical and Historical Research. Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 66.—*Hay, prairie: Average price per ton paid to producers in the United States, July, 1914—December, 1924*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
	Dols. 7.49	Dols. 7.29	Dols. 7.33	Dols. 7.59	Dols. 7.47	Dols. 7.37	Dols. 7.05	Dols. 7.86	Dols. 8.03	Dols. 8.58	Dols. 8.20	Dols. 7.72
1914	7.37	6.83	6.84	6.44	6.75	6.95	7.38	7.34	7.39	7.68	7.71	7.97
1915	7.25	6.96	7.21	7.26	7.85	8.14	8.58	8.60	9.32	10.94	12.02	11.84
1916	10.11	10.82	11.40	12.29	13.32	14.91	15.39	15.74	15.47	14.47		
1917	12.51	13.26	14.35	15.08	15.47	16.30	16.33	16.35	17.38	18.85	20.22	18.71
1918	16.10	16.10	15.90	15.88	16.91	17.19	17.54	17.36	18.52	18.08	18.06	17.59
1919	15.38	13.74	12.93	11.83	11.47	10.80	10.20	9.40	8.70	8.43	8.05	8.02
1920	7.67	7.60	7.52	6.78	7.49	7.47	7.39	7.67	7.94	8.02	8.24	8.40
1921	7.68	7.76	7.54	7.74	8.13	8.98	9.44	9.52	9.61	9.74	10.64	10.07
1922	9.17	8.97	8.58	9.19	9.07	9.26	8.84	8.87	8.66	8.78	8.74	8.54
1923	8.35	8.60	8.49	8.25	8.28							
1924												

Division of Crop and Livestock Estimates.

TABLE 67.—*Hay, prairie: Average price per ton paid to producers in the United States, by States, July, 1923–June, 1924*

Geographic division and State	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
East North Central:	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	<i>Dols.</i>
Indiana.....	7.70	7.80	8.70	7.30	9.50	9.30	10.50	10.00	10.00	10.00	9.50	-----
Illinois.....	12.50	13.20	14.00	11.60	-----	-----	-----	14.00	-----	-----	-----	-----
Michigan.....	8.00	7.50	7.50	7.00	-----	7.00	-----	-----	-----	-----	-----	-----
Wisconsin.....	10.00	10.40	12.80	13.40	15.00	11.50	13.00	12.00	12.10	11.50	11.00	10.00
West North Central:	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	<i>Dols.</i>
Minnesota.....	9.00	9.80	9.20	9.00	9.70	9.40	9.50	9.00	9.10	9.00	9.00	9.00
Iowa.....	11.10	10.20	9.10	11.00	9.50	11.80	10.00	11.70	11.20	11.50	11.00	11.10
Missouri.....	11.50	10.00	9.00	9.50	10.50	11.00	11.00	12.00	12.00	11.50	11.00	12.00
North Dakota.....	8.00	8.50	7.80	9.30	7.50	7.00	7.10	7.00	7.30	7.80	7.80	7.50
South Dakota.....	8.50	8.00	7.50	7.80	7.50	7.80	7.50	7.00	7.50	7.20	7.30	7.30
Nebraska.....	9.10	9.00	8.00	9.20	9.50	8.80	8.50	8.40	8.00	8.30	8.50	8.20
Kansas.....	8.00	8.00	8.40	8.00	9.20	8.50	9.40	9.10	9.00	9.00	10.00	9.50
East South Central:	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	<i>Dols.</i>
Tennessee.....	12.30	13.50	12.00	-----	11.70	-----	15.00	15.00	15.00	15.00	15.00	-----
Alabama.....	13.60	14.50	11.50	12.50	13.40	-----	14.00	15.00	14.50	-----	14.00	15.00
Mississippi.....	11.80	10.50	10.30	11.30	-----	-----	14.50	-----	-----	14.00	15.00	-----
West South Central:	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	<i>Dols.</i>
Arkansas.....	15.00	13.00	12.10	12.70	12.80	13.50	13.70	15.00	15.50	15.70	15.30	15.50
Louisiana.....	12.30	-----	-----	-----	-----	-----	15.00	-----	-----	-----	-----	-----
Oklahoma.....	10.00	9.00	10.00	11.10	13.20	13.70	13.00	12.80	12.50	12.80	12.80	-----
Texas.....	14.00	-----	13.20	14.50	13.00	15.00	15.00	16.00	16.50	17.00	18.00	16.00
Mountain:	<i>Dols.</i>	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Montana.....	9.60	-----	8.00	9.00	9.00	8.50	8.70	9.10	9.60	9.70	9.20	-----
Wyoming.....	14.50	10.00	9.20	10.50	10.40	10.50	10.00	10.50	10.50	11.00	10.20	-----
Colorado.....	11.00	10.00	9.50	10.00	9.20	9.90	10.00	10.80	10.00	9.00	-----	8.50
Utah.....	8.20	9.00	7.80	-----	7.80	-----	6.00	5.50	6.00	-----	-----	-----
United States.....	9.17	8.97	8.58	9.19	9.07	9.26	8.84	8.87	8.66	8.78	8.74	8.54

Division of Statistical and Historical Research. Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 68.—*Hay, timothy: Average price per ton paid to producers in the United States, July, 1914–December, 1924*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
1914.....	<i>Dols.</i>	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1914.....	13.06	13.09	13.54	13.66	13.69	13.69	14.07	14.28	14.28	14.53	14.74	14.33
1915.....	13.43	12.39	12.32	12.14	12.24	12.73	13.11	13.39	13.61	14.00	14.50	14.71
1916.....	12.97	11.74	11.57	11.54	12.03	12.29	12.61	12.91	13.20	14.26	15.31	15.76
1917.....	14.68	14.11	14.89	16.23	18.33	20.31	21.37	22.25	22.53	21.47	20.40	18.55
1918.....	17.61	18.98	20.85	22.60	22.93	22.94	23.48	22.69	22.68	24.74	27.27	27.50
1919.....	24.22	23.89	23.65	23.04	22.90	23.71	24.59	25.49	26.75	27.99	29.92	30.05
1920.....	26.59	24.35	24.15	22.74	22.09	21.22	19.88	18.30	17.04	16.09	15.44	15.16
1921.....	14.51	15.01	14.83	14.39	14.22	14.31	14.51	14.77	15.06	15.32	16.10	16.75
1922.....	14.33	13.61	13.44	13.70	13.93	13.91	14.41	14.46	14.59	14.64	14.96	14.95
1923.....	14.86	14.68	15.13	16.22	16.78	16.95	16.96	17.25	17.53	17.53	17.48	17.52
1924.....	16.74	15.24	14.47	14.54	14.04	-----	-----	-----	-----	-----	-----	-----

Division of Crop and Livestock Estimates.

TABLE 69.—*Hay, timothy: Average price per ton paid to producers in the United States, by States, July, 1923–June, 1924*

Geographic division and State	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
New England:												
Maine	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Maine	14.00	13.00	13.90	14.10	14.50	14.20	14.50	14.30	14.60	14.00	13.50	14.00
New Hampshire	21.00	21.10	22.60	21.65	21.00	19.70	20.50	21.50	22.00	21.50	—	24.00
Vermont	18.60	15.00	14.60	17.50	—	18.80	18.40	18.00	18.50	18.00	—	—
Massachusetts	25.70	24.40	24.30	28.00	28.00	28.50	26.70	27.60	27.40	26.50	25.50	25.00
Connecticut	24.50	24.00	26.00	28.00	—	26.00	27.00	26.60	27.00	26.00	25.00	26.00
Middle Atlantic:												
New York	15.40	14.30	15.00	15.40	16.70	17.40	18.00	17.50	17.30	16.80	17.30	17.80
New Jersey	23.60	21.80	21.00	22.00	25.00	25.00	25.00	27.00	26.60	25.00	26.00	26.00
Pennsylvania	16.40	17.60	18.50	21.00	21.00	22.00	23.00	24.00	23.90	23.40	24.00	24.00
East North Central:												
Ohio	11.90	12.40	14.60	15.00	17.00	17.20	17.90	19.00	19.40	19.50	19.00	18.70
Indiana	13.40	13.60	13.70	16.00	16.30	17.40	18.00	17.50	17.50	17.00	16.50	17.00
Illinois	14.00	12.80	14.80	15.50	16.50	17.50	17.00	18.50	17.50	18.00	18.50	18.00
Michigan	11.80	12.10	13.30	13.30	15.00	15.00	15.00	15.20	16.00	16.40	16.50	17.00
Wisconsin	13.60	14.30	15.50	17.50	16.70	16.90	17.40	17.40	16.80	17.00	16.70	16.70
West North Central:												
Minnesota	12.40	12.10	11.70	13.50	13.40	13.00	13.00	12.80	12.50	12.10	12.00	12.00
Iowa	12.40	12.80	12.20	12.40	14.80	13.50	13.50	14.50	14.90	15.20	14.90	14.70
Missouri	13.50	12.20	12.00	13.00	13.80	14.50	14.80	15.20	15.40	15.00	15.00	15.80
North Dakota	—	—	—	—	—	7.30	8.00	9.00	9.50	10.00	9.50	10.00
South Dakota	13.40	12.00	—	—	9.20	8.50	10.00	11.00	10.00	10.40	10.50	10.00
Nebraska	10.40	10.40	10.00	10.40	12.30	13.80	13.00	—	—	10.00	10.50	11.00
Kansas	11.50	12.20	11.00	10.40	11.30	11.20	13.00	13.40	13.30	13.00	12.50	—
South Atlantic:												
Delaware	10.30	—	—	28.50	—	24.50	—	—	—	—	—	—
Maryland	18.10	21.00	22.00	21.50	20.00	21.50	22.50	23.00	23.00	22.00	—	—
Virginia	19.90	21.00	20.90	23.40	22.70	23.00	23.60	23.40	23.40	24.00	24.50	24.70
West Virginia	20.00	21.20	19.00	18.80	21.00	20.60	20.80	21.50	22.40	23.00	23.50	23.50
North Carolina	22.70	22.10	23.00	24.50	23.30	21.00	21.50	22.00	23.00	22.90	—	—
South Carolina	29.00	30.00	—	—	27.60	—	—	30.00	—	—	—	—
Georgia	28.00	29.00	25.00	26.00	—	30.00	30.00	30.00	31.00	31.40	31.50	32.00
East South Central:												
Kentucky	17.40	18.00	17.00	18.50	17.20	18.50	19.50	20.00	21.00	21.50	22.00	22.50
Tennessee	20.30	19.50	18.70	19.70	21.00	19.50	19.50	20.00	21.00	20.00	21.00	20.00
Alabama	25.00	25.00	—	—	—	20.00	—	—	—	—	—	—
West South Central:												
Arkansas	10.00	19.20	16.50	20.00	21.00	18.00	19.00	20.00	20.00	—	—	—
Mountain:												
Montana	13.50	11.00	10.00	13.50	14.00	12.50	12.00	11.50	11.00	11.50	—	10.80
Idaho	13.00	12.40	14.00	13.00	12.00	13.00	14.00	13.50	—	—	—	12.00
Wyoming	13.30	—	11.30	—	11.30	11.50	12.00	11.50	—	—	—	12.00
Colorado	15.00	15.70	15.60	14.00	—	13.00	15.00	15.50	15.50	—	—	—
Utah	11.00	10.80	10.00	10.50	11.20	11.00	12.00	10.70	10.20	10.50	11.00	11.50
Pacific:												
Washington	15.40	14.00	13.50	13.00	12.10	13.10	14.00	14.00	13.50	—	—	15.00
Oregon	12.70	13.20	13.00	—	14.80	13.50	14.00	14.00	14.00	13.50	—	13.00
California	14.20	—	14.80	14.10	—	—	—	—	—	—	—	—
United States	14.86	14.68	15.13	16.22	16.78	16.95	16.96	17.25	17.53	17.53	17.48	17.52

Division of Statistical and Historical Research. Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 70.—*Hay, all loose: Average price per ton paid to producers, by States, December 1, 1908–1924*

Geographic division and State	Aver-age 1909- 1913	Aver-age 1914- 1920	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
New England:																			
Maine.....	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	
Maine.....	13.90	15.53	14.00	14.70	12.80	14.40	13.70	13.90	13.10	14.90	12.40	11.10	13.90	18.70	24.60	20.00	13.10	13.50	13.00
New Hampshire.....	16.62	18.39	16.00	17.90	15.80	17.20	15.00	17.20	17.00	17.40	14.50	12.00	18.80	24.00	25.00	28.00	19.50	19.00	18.50
Vermont.....	13.92	16.23	13.50	14.70	12.40	14.00	14.00	14.50	14.60	15.50	12.60	11.50	16.30	20.10	23.00	22.00	17.50	16.50	16.10
Massachusetts.....	20.72	23.34	17.00	18.90	19.10	23.00	21.50	21.10	21.50	22.00	19.00	19.90	26.00	27.00	28.00	27.00	23.00	26.00	24.00
Rhode Island.....	21.14	24.81	17.25	18.60	19.60	24.10	22.20	21.20	20.20	22.50	20.00	20.30	25.50	32.00	33.20	27.00	26.50	26.80	24.00
Connecticut.....	20.88	23.10	15.75	19.30	19.00	23.50	22.50	20.10	19.50	20.00	18.50	19.50	24.00	30.20	30.00	26.00	26.00	24.00	25.00
Middle Atlantic:																			
New York.....	15.20	17.40	12.25	14.20	13.70	17.90	14.90	15.30	14.60	15.70	11.90	15.10	20.40	20.50	23.60	18.00	14.10	16.20	14.50
New Jersey.....	19.14	20.96	14.00	16.50	18.20	22.00	20.00	19.00	19.50	19.00	17.60	20.00	28.00	29.10	27.50	18.00	18.10	26.90	19.00
Pennsylvania.....	16.02	18.94	12.00	14.60	15.00	20.00	15.60	14.90	14.50	15.60	13.80	17.50	23.70	24.00	23.50	17.00	14.30	21.50	16.00
South Atlantic:																			
Delaware.....	16.60	20.84	12.50	15.00	14.80	22.50	15.00	15.70	17.00	17.00	15.90	20.50	28.00	26.00	21.50	17.50	19.00	21.00	17.00
Maryland.....	16.36	20.17	12.00	14.40	15.40	22.40	14.40	15.20	15.30	16.20	14.00	19.90	26.80	24.00	25.00	15.10	18.50	23.60	16.40
Virginia.....	15.80	19.91	12.25	13.30	14.50	20.50	15.20	15.50	17.20	15.00	21.30	23.00	23.70	23.50	17.70	16.00	20.00	17.80	
West Virginia.....	15.64	20.16	11.00	13.30	15.00	20.00	15.00	14.90	17.20	15.00	14.50	21.10	23.50	25.60	24.20	17.50	16.80	19.90	17.60
North Carolina.....	15.84	19.86	13.50	14.40	14.60	17.00	16.70	16.50	17.10	16.50	17.50	19.70	21.00	24.20	23.00	19.80	18.20	20.00	21.00
South Carolina.....	17.04	21.71	14.80	15.50	16.00	17.00	18.00	18.70	17.00	15.60	16.70	20.60	26.10	31.00	25.00	20.00	17.50	18.00	22.00
Georgia.....	16.82	19.97	14.35	15.80	16.40	17.00	17.00	17.90	16.20	15.10	16.20	20.00	23.50	25.30	23.50	15.80	17.00	18.90	19.00
Florida.....	17.36	18.27	14.80	15.00	17.00	18.50	18.10	18.20	17.20	16.00	18.20	18.50	23.00	19.00	19.50	18.50	20.00	20.00	20.00
East North Central:																			
Ohio.....	13.62	17.03	8.70	10.90	12.50	18.90	13.00	12.80	13.40	12.70	10.60	19.00	22.20	21.80	19.50	11.50	10.80	16.70	12.80
Indiana.....	12.94	16.49	8.80	10.50	11.90	16.80	11.40	14.10	14.10	11.00	10.90	18.70	19.80	21.60	19.30	13.00	11.20	15.60	12.50
Illinois.....	13.12	17.07	8.20	9.90	12.00	17.00	12.60	14.10	14.40	10.80	11.30	20.00	21.00	21.40	16.30	13.50	12.50	14.80	13.50
Michigan.....	13.56	17.04	8.75	11.40	13.60	17.00	12.70	13.10	12.00	12.20	10.00	17.20	23.50	23.40	21.00	13.00	10.10	14.50	12.10
Wisconsin.....	12.70	15.77	8.00	9.60	15.10	15.60	12.10	11.10	9.30	9.90	11.60	17.30	21.60	20.30	20.40	15.40	12.30	16.00	13.30
West North Central:																			
Minnesota.....	8.00	10.20	5.40	6.00	9.10	11.90	6.40	6.60	6.10	6.40	7.00	12.10	14.10	14.50	11.20	8.60	10.70	11.30	11.50
Iowa.....	9.66	13.78	5.70	7.10	9.60	12.50	9.50	9.60	10.10	8.70	9.00	16.80	18.20	17.40	16.24	9.30	10.00	12.50	11.40
Missouri.....	11.02	14.94	7.00	8.30	9.20	13.30	9.80	14.50	13.60	8.50	9.30	17.30	20.50	19.50	15.70	9.80	11.50	12.00	12.00
North Dakota.....	6.18	9.57	4.80	5.00	7.60	7.00	5.50	5.80	5.20	5.70	6.00	11.50	14.60	14.10	9.90	7.70	7.50	6.80	7.60
South Dakota.....	6.66	8.43	4.10	5.10	7.10	8.50	6.10	6.50	5.70	5.30	5.40	10.60	10.00	13.50	8.50	6.40	7.50	8.10	8.90
Nebraska.....	8.34	10.74	4.90	6.00	8.90	9.70	8.40	8.70	6.90	5.80	7.10	15.20	17.20	14.00	9.00	7.00	11.20	10.20	9.60
Kansas.....	8.76	11.80	5.70	6.00	7.80	9.00	7.60	12.50	7.40	5.60	7.60	16.60	19.40	15.80	10.20	8.00	9.30	10.60	11.20
East South Central:																			
Kentucky.....	14.50	18.93	11.00	11.90	13.10	17.30	13.70	16.50	16.00	12.50	12.60	20.30	23.70	25.40	22.00	15.50	14.50	17.00	18.00
Tennessee.....	14.98	19.53	11.80	12.80	13.40	16.70	15.80	16.20	17.00	13.90	15.00	19.30	24.00	27.00	20.50	15.50	16.40	18.50	20.00
Alabama.....	13.66	16.79	12.50	13.50	13.20	12.80	14.60	14.20	13.80	13.00	16.20	20.30	22.30	19.50	15.60	17.00	18.50	19.00	
Mississippi.....	12.14	15.07	11.00	11.50	12.20	11.00	12.50	13.50	12.00	11.00	11.00	15.20	18.50	20.50	17.20	14.50	14.50	15.50	17.50

TABLE 70.—*Hay, all loose: Average price per ton paid to producers, by States, December 1, 1908–1924—Continued*

Geographic division and State	Aver-	Aver-	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
	age 1909– 1913	age 1914– 1920																	
West South Central:																			
Louisiana.....	Dols. 11.88	Dols. 15.40	Dols. 11.00	Dols. 10.70	Dols. 11.50	Dols. 12.00	Dols. 12.70	Dols. 12.50	Dols. 12.00	Dols. 10.30	Dols. 11.00	Dols. 14.30	Dols. 21.20	Dols. 23.00	Dols. 16.00	Dols. 14.00	Dols. 13.30	Dols. 15.00	Dols. 17.80
Texas.....	11.60	14.93	8.25	11.90	12.00	11.90	10.40	11.80	9.80	7.90	10.50	20.00	24.90	18.00	13.40	9.90	11.50	16.00	16.80
Oklahoma.....	8.30	11.86	5.00	7.30	8.40	8.00	7.40	10.40	7.90	5.60	9.00	15.40	19.50	15.10	10.50	8.20	12.50	14.30	13.30
Arkansas.....	12.06	15.30	9.75	10.80	11.00	13.00	12.00	13.50	12.90	10.30	12.50	15.40	19.50	20.50	16.00	12.50	13.60	16.00	16.40
Mountain:																			
Montana.....	10.08	14.34	8.35	10.00	12.50	10.00	8.30	9.60	8.70	7.50	11.00	18.60	19.60	23.00	12.00	8.70	9.00	8.90	10.00
Wyoming.....	9.40	13.33	7.40	8.90	12.50	10.30	8.60	6.70	7.50	7.80	12.00	17.00	14.00	23.00	12.00	7.50	8.50	9.60	9.80
Colorado.....	9.76	12.66	8.75	10.00	10.80	9.30	8.70	10.00	7.40	7.60	11.00	16.60	15.50	18.50	12.00	6.90	11.20	11.30	11.00
New Mexico.....	11.24	15.47	9.50	11.10	11.50	13.00	8.50	12.10	9.30	8.80	14.00	21.00	20.00	18.20	17.00	12.70	19.50	16.00	15.40
Arizona.....	12.16	18.67	12.20	12.80	13.00	12.00	12.00	11.00	8.80	9.60	14.50	24.80	24.00	20.00	29.00	13.00	18.00	15.00	16.30
Utah.....	8.82	13.96	7.40	9.00	9.00	9.00	8.00	9.10	7.70	8.60	15.00	17.10	21.90	13.00	6.20	8.20	8.90	12.00	
Nevada.....	10.10	13.83	8.80	10.50	10.80	9.50	8.70	11.00	8.30	7.50	9.60	15.90	19.90	19.60	16.00	9.00	11.80	11.00	14.20
Idaho.....	7.84	13.60	7.10	9.10	9.00	7.60	6.30	7.20	7.30	7.70	12.10	16.00	17.60	22.00	12.50	6.70	10.00	8.90	12.20
Pacific:																			
Washington.....	12.54	17.50	11.00	14.00	15.70	12.00	10.10	10.90	11.00	10.80	13.80	20.00	25.40	23.00	18.50	10.50	16.20	12.00	15.50
Oregon.....	10.14	14.39	9.30	11.70	12.10	9.60	8.30	9.00	9.20	9.50	10.90	17.50	20.00	19.10	14.50	9.80	13.60	11.00	13.30
California.....	11.84	15.49	13.25	11.50	9.60	10.90	13.70	13.50	8.20	11.20	12.60	19.20	20.00	17.20	20.00	11.00	15.00	14.00	21.70
United States.....	12.25	15.43	9.14	10.58	12.14	14.29	11.79	12.43	11.12	10.63	11.22	17.09	20.13	20.08	17.76	12.11	12.56	14.13	13.82

Division of Crop and Livestock Estimates.

# Hay and Feed Statistics

63

**TABLE 71.—Hay, all loose: Average price per ton paid to producers in the United States, July, 1908–December, 1924**

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1908.....	9.54	9.23	9.20	9.22	9.12	9.06	9.18	9.37	9.56	9.88	10.41	10.80
1909.....	10.12	9.70	9.85	10.19	10.42	10.48	10.80	11.48	11.57	11.30	10.98	10.80
1910.....	10.75	10.98	11.16	11.10	11.67	11.92	11.74	11.68	11.46	11.52	12.04	12.78
1911.....	13.51	13.73	13.58	13.96	14.02	14.07	14.52	15.15	15.98	16.26	15.27	—
1912.....	13.18	11.62	11.12	11.05	11.44	11.45	10.98	10.74	10.52	10.42	10.48	10.51
1913.....	10.45	10.74	11.24	11.48	11.97	12.06	11.68	11.68	11.60	11.58	11.64	11.46
1914.....	11.02	10.93	11.03	10.87	10.95	10.80	10.65	10.88	10.94	11.00	11.10	11.00
1915.....	10.52	10.07	9.89	9.90	9.92	9.97	10.31	10.65	10.80	11.06	11.37	11.28
1916.....	10.50	9.80	9.68	9.82	10.31	10.74	11.10	11.44	12.04	13.24	14.31	14.32
1917.....	13.43	13.08	13.54	14.50	15.85	17.32	18.48	19.01	18.91	18.32	17.55	16.80
1918.....	16.00	16.67	17.94	18.86	19.31	19.64	19.86	19.80	20.17	21.42	22.80	22.52
1919.....	20.94	20.34	20.16	19.58	19.40	20.00	21.16	22.04	22.62	23.58	24.54	24.24
1920.....	22.26	20.38	19.41	18.20	17.08	16.43	15.70	14.76	13.94	13.34	12.80	12.56
1921.....	12.17	11.72	11.53	11.24	11.19	11.29	11.34	11.58	12.05	12.64	12.82	12.28
1922.....	11.44	10.78	10.68	10.87	11.38	11.82	11.98	12.04	12.18	12.54	12.82	12.32
1923.....	11.78	11.98	12.25	12.44	12.75	13.15	13.59	13.60	13.63	13.73	13.65	13.75
1924.....	13.49	12.95	12.68	12.64	12.91	—	—	—	—	—	—	—

Division of Crop and Livestock Estimates.

**TABLE 72.—Hay, alfalfa No. 1: Average price per ton at Kansas City, July, 1910–December, 1924**

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Average—1914–1920.....	19.02	21.29	20.97	21.87	23.61	24.19	24.29	23.83	23.71	24.43	24.17	21.98	22.78
1910.....	12.08	13.50	13.89	14.25	14.23	15.31	12.93	13.07	13.67	13.29	12.38	13.42	—
1911.....	15.13	14.44	14.87	15.00	15.50	17.72	18.37	20.49	22.73	19.34	11.62	16.71	—
1912.....	12.59	13.00	13.58	15.11	15.11	15.00	14.79	12.86	14.06	13.75	13.28	10.70	13.65
1913.....	12.12	14.80	16.14	16.54	16.00	16.01	15.96	15.25	15.30	15.54	14.23	15.26	—
1914.....	12.38	13.42	13.33	12.51	13.21	13.79	13.75	13.73	14.75	15.11	13.73	13.42	13.59
1915.....	11.54	11.90	12.25	13.11	12.83	14.35	14.54	15.34	13.92	14.44	14.45	11.42	13.34
1916.....	11.29	13.40	13.58	15.68	18.50	19.33	19.81	20.25	21.10	24.33	24.52	21.87	18.64
1917.....	21.18	24.09	24.07	27.43	31.10	32.70	30.01	31.33	27.56	24.11	22.04	20.57	26.40
1918.....	22.60	29.08	31.46	30.14	31.21	31.01	31.35	31.01	34.50	37.90	36.20	36.43	32.04
1919.....	26.93	27.63	24.86	30.24	33.39	35.10	35.75	34.83	33.79	34.10	35.46	31.75	31.99
1920.....	27.21	29.49	27.22	29.05	25.05	23.01	23.30	20.30	20.30	21.00	22.20	18.40	23.45
1921.....	17.50	19.00	17.20	19.80	20.40	19.60	20.00	19.60	22.10	22.50	22.10	15.40	18.60
1922.....	15.50	15.80	18.30	22.80	23.80	23.00	23.40	23.60	24.00	25.90	26.30	25.00	22.27
1923.....	18.90	20.90	22.80	24.90	24.80	24.90	25.40	23.90	25.00	26.25	24.60	21.10	23.62
1924.....	18.90	16.80	20.40	21.10	21.00	22.80	—	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from Kansas City Daily Price Current and Kansas City Grain Market Review, July, 1910–June, 1923; from weekly reports of Hay, Feed, and Seed Division, July, 1923–December, 1924.

**TABLE 73.—Hay, alfalfa No. 1: Average price per ton at St. Louis, July, 1909–December, 1924**

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Average—1900–1913.....	16.90	16.98	17.18	17.70	17.85	17.55	17.40	16.93	17.55	18.85	18.65	16.20	17.48
Average—1914–1920.....	23.04	25.18	25.07	26.18	27.71	27.04	26.03	26.57	25.96	27.82	25.90	25.30	28.14
1900.....	16.50	17.38	17.25	17.25	17.75	18.25	19.50	16.88	17.50	18.00	18.25	17.00	17.63
1901.....	16.75	16.75	16.50	16.50	16.50	16.50	16.50	16.25	16.25	16.00	17.00	16.25	16.40
1902.....	19.50	17.75	17.00	18.25	19.00	18.25	18.75	20.00	22.25	25.75	22.00	15.50	19.50
1903.....	16.00	16.25	16.00	17.00	18.00	16.50	16.50	16.50	14.75	16.25	17.50	15.50	16.25
1904.....	15.75	16.75	19.00	19.50	17.50	17.50	17.25	17.50	17.00	18.25	18.50	16.75	17.60
1905.....	16.25	17.25	16.00	15.25	16.75	15.75	16.75	16.25	17.50	18.00	18.00	15.50	16.44
1906.....	14.75	14.50	15.25	16.50	16.25	16.75	17.75	17.75	18.00	18.25	18.50	16.25	16.40
1907.....	15.25	16.50	17.00	19.00	21.00	22.00	21.50	22.00	23.00	27.00	27.50	23.25	21.25
1908.....	24.00	28.00	28.00	30.50	35.50	36.00	33.50	33.00	29.50	25.50	25.38	25.00	29.49
1909.....	26.50	29.50	32.50	33.50	33.50	30.00	32.50	31.50	34.00	39.50	—	33.00	32.27
1910.....	32.50	34.00	34.50	34.50	37.00	39.50	39.50	39.00	37.75	42.50	43.00	40.00	37.81
1911.....	33.00	36.50	32.25	34.00	34.00	29.25	27.00	26.50	22.00	24.00	27.00	25.75	29.27
1912.....	22.50	23.50	22.50	23.25	22.50	24.00	24.00	25.00	25.75	26.50	24.25	—	—
1913.....	19.50	23.00	26.50	27.50	28.50	27.50	27.50	27.00	29.00	31.00	—	28.67	—
1914.....	28.00	26.00	29.50	28.00	30.00	30.50	30.50	27.50	26.86	—	—	—	—
1915.....	24.50	28.67	27.20	25.00	—	—	—	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from annual reports of the Merchants Exchange of St. Louis, 1909–1923; from St. Louis Daily Market Reporter, 1924.

TABLE 74.—*Hay, alfalfa No. 1: Average price per ton at seven markets, January, 1920—December, 1924*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.....												
1920.....	31.10	34.20	32.80	31.60	31.00	28.20	37.50	38.40	35.80	35.20	37.80	34.70
1921.....	24.40	24.00	23.00	21.90	21.90	24.00	22.00	22.60	23.40	24.00	23.00	23.50
1922.....	18.75	19.75	22.20	22.75	25.00	24.40	23.75	23.00	23.00	23.00	23.00	23.20
1923.....	23.00	23.40	25.25	26.25	27.40	28.75	29.60	28.75	28.00	28.00	28.00	28.00
1924.....	26.50	22.90	22.75	22.50	23.20	23.00	—	—	—	—	—	—

## CINCINNATI

1919.....												
1920.....	29.00	—	31.60	29.00	31.30	28.70	42.40	40.50	39.50	39.00	42.70	35.50
1921.....	17.40	20.20	21.10	21.40	21.00	21.10	21.50	22.00	22.75	23.50	23.25	18.00
1922.....	16.75	17.00	20.10	20.00	23.50	25.60	23.25	22.25	25.30	24.25	23.25	20.20
1923.....	20.75	22.00	26.40	28.00	29.00	29.00	28.00	26.75	28.40	29.30	28.00	24.75
1924.....	23.80	25.00	26.75	27.50	27.00	28.00	—	—	—	—	—	—

## KANSAS CITY

1919.....												
1920.....	27.20	29.60	28.00	25.30	27.40	23.50	35.40	34.40	34.00	34.10	35.30	31.20
1921.....	17.50	19.00	17.20	19.80	20.40	19.60	23.30	20.30	20.30	21.00	22.20	18.40
1922.....	15.50	15.90	18.80	22.90	23.80	21.80	23.40	23.70	24.60	26.25	25.90	22.90
1923.....	18.90	20.90	22.80	24.00	24.80	24.90	25.40	23.90	25.00	26.25	24.60	21.10
1924.....	18.90	19.80	20.40	21.10	21.00	22.80	—	—	—	—	—	—

## MEMPHIS

1919.....												
1920.....	34.20	35.00	33.30	31.60	33.00	31.70	42.10	40.30	40.50	42.20	46.10	44.00
1921.....	20.80	21.90	22.40	25.30	24.80	24.70	25.40	25.00	25.75	26.50	25.75	20.60
1922.....	21.10	22.60	24.00	29.00	29.10	30.60	30.60	30.50	31.40	31.50	32.50	29.25
1923.....	23.10	26.20	30.50	29.25	32.20	32.75	32.90	32.00	30.70	33.00	31.40	28.00
1924.....	23.80	25.40	27.75	28.70	27.20	29.75	—	—	—	—	—	—

## MINNEAPOLIS

1919.....												
1920.....	27.80	28.30	28.20	28.10	28.00	26.00	35.20	35.20	30.90	32.80	32.40	29.80
1921.....	20.10	20.30	21.00	21.20	21.00	21.00	22.30	21.20	20.50	20.30	20.80	21.90
1922.....	18.25	18.40	19.10	21.00	23.00	22.00	22.40	21.40	22.25	22.80	21.70	18.40
1923.....	21.00	24.00	23.25	23.75	23.60	22.00	23.25	22.50	21.80	22.10	23.20	20.75
1924.....	19.10	20.10	23.50	23.00	22.80	23.75	—	—	—	—	—	—

## OMAHA

1919.....												
1920.....	25.00	25.00	25.50	22.00	24.40	22.00	31.00	31.20	31.50	31.50	33.40	27.80
1921.....	16.60	16.40	16.50	15.80	16.50	16.50	21.10	19.10	18.80	20.00	20.00	18.00
1922.....	14.00	14.00	16.60	19.25	20.25	20.25	20.70	20.50	20.60	21.40	21.50	20.70
1923.....	16.40	17.30	19.25	20.00	21.10	20.25	20.25	20.50	19.50	20.60	18.40	18.50
1924.....	18.90	16.10	17.00	17.25	17.00	17.40	—	—	—	—	—	—

## ST. LOUIS

1919.....												
1920.....	33.90	35.60	30.00	32.90	32.50	31.30	27.20	26.00	22.50	24.70	27.50	25.80
1921.....	24.30	23.50	22.20	23.70	22.40	25.10	23.50	22.50	26.60	25.76	—	—
1922.....	—	21.00	23.00	27.60	28.50	27.30	28.50	26.00	28.75	26.50	25.76	—
1923.....	—	26.00	29.50	28.00	31.30	31.30	30.25	27.80	25.50	—	—	—
1924.....	16.50	15.00	23.00	26.20	26.90	—	—	—	—	—	—	—

Division of Statistical and Historical Research.  
Compiled from weekly report of the Hay, Feed, and Seed Division.

TABLE 75.—*Hay, alfalfa, standard: Average price per ton at six markets, July, 1920—December, 1924*

CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920.....	29.20	31.80	30.00	27.00	28.80	25.30	22.50	22.50	20.80	21.00	21.00	20.80
1921.....	21.30	21.50	20.80	19.80	19.90	21.40	19.90	19.60	20.40	22.20	20.00	16.00
1922.....	15.75	16.50	18.20	19.00	20.50	20.00	20.00	20.00	20.00	20.00	20.75	20.40
1923.....	19.50	21.00	21.50	22.25	23.40	23.25	25.75	24.50	22.00	22.00	21.20	22.00
1924.....	21.50	18.50	19.00	18.50	18.20	18.00	—	—	—	—	—	—

CINCINNATI

1920.....	27.50	—	30.50	28.60	30.20	27.20	25.40	21.70	23.10	20.00	18.00	17.00
1921.....	16.60	18.50	19.40	19.20	18.20	19.80	18.90	20.00	20.75	21.40	21.00	16.50
1922.....	15.25	16.00	—	—	—	—	20.00	19.75	21.80	21.10	21.50	18.20
1923.....	19.00	20.40	24.00	24.50	27.60	27.00	26.00	25.00	26.60	27.00	—	—
1924.....	22.00	—	—	—	—	—	—	—	—	—	—	—

KANSAS CITY

1920.....	24.50	27.40	25.30	22.50	24.80	21.70	20.10	17.80	18.10	17.70	18.60	16.20
1921.....	14.80	15.90	14.50	16.90	17.20	16.70	17.50	16.80	19.00	20.10	20.25	14.60
1922.....	14.00	14.00	16.00	19.80	21.25	19.00	20.10	20.40	22.40	23.80	24.40	20.60
1923.....	16.80	19.00	20.40	23.00	22.40	22.30	23.10	20.70	22.20	22.60	20.75	18.25
1924.....	16.60	18.00	18.60	19.60	18.40	19.80	—	—	—	—	—	—

MEMPHIS

1920.....	32.20	33.60	32.20	29.10	31.10	28.90	28.30	26.80	25.20	24.70	25.50	19.50
1921.....	18.80	19.20	19.00	22.30	22.50	22.80	23.40	22.40	23.60	25.00	24.50	19.10
1922.....	18.90	19.90	21.00	26.50	27.00	27.75	26.90	24.75	28.10	29.50	30.50	27.00
1923.....	21.00	23.30	28.00	27.00	28.90	28.90	31.00	29.00	28.00	30.90	26.80	24.60
1924.....	21.70	23.50	25.20	26.30	25.70	27.90	—	—	—	—	—	—

MINNEAPOLIS

1920.....	26.00	26.30	27.50	26.60	26.20	24.40	18.80	19.30	18.60	18.00	19.00	20.10
1921.....	18.30	19.10	19.50	19.30	19.90	20.00	18.50	20.00	19.40	20.50	21.10	18.70
1922.....	16.60	16.50	16.90	18.25	21.75	20.80	20.10	19.10	18.60	19.25	19.75	18.25
1923.....	18.00	21.50	21.00	21.75	20.70	19.40	20.60	19.00	18.70	18.60	19.70	19.75
1924.....	17.25	17.70	19.50	20.10	19.30	20.00	—	—	—	—	—	—

OMAHA

1920.....	20.00	20.00	21.50	18.80	21.40	18.20	18.00	15.50	14.80	17.50	17.50	15.00
1921.....	14.00	14.00	14.50	13.80	14.50	14.50	—	—	—	—	16.00	14.10
1922.....	12.00	12.60	14.20	17.40	18.25	18.25	18.75	18.10	18.60	19.40	19.90	18.50
1923.....	14.25	15.80	17.75	18.50	19.00	18.25	17.25	17.50	16.50	16.50	15.70	15.50
1924.....	16.10	13.50	14.50	15.20	15.50	16.25	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 76.—*Hay, alfalfa No. 2: Average price per ton at six markets, January, 1920–December, 1924*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.....	26.00	28.00	26.50	22.40	25.00	21.50	34.70	33.50	29.20	31.20	33.00	29.10
1920.....	19.50	17.90	16.90	17.80	18.00	18.40	18.50	19.80	18.10	17.50	18.00	17.80
1921.....	13.75	13.75	14.00	16.25	18.00	17.30	17.25	16.75	17.00	17.00	18.10	14.10
1922.....	16.75	18.80	18.50	18.75	20.40	20.60	21.00	21.50	18.00	17.00	16.00	17.00
1923.....	17.50	16.20	16.25	15.40	14.20	14.00	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—	—	—	—	—	—

## CINCINNATI

1919.....	25.00	28.00	26.00	27.30	24.80	22.60	38.20	37.00	36.80	34.50	35.00	32.00
1920.....	13.10	15.20	16.80	17.00	15.20	15.00	14.60	16.25	18.00	18.60	17.00	13.75
1921.....	13.25	14.00	—	—	—	—	17.00	16.75	18.20	17.25	17.25	16.90
1922.....	17.00	18.20	21.00	21.50	23.20	23.50	22.00	20.75	21.75	25.00	24.80	22.25
1923.....	21.30	23.00	24.25	24.50	24.00	24.30	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—	—	—	—	—	—

## KANSAS CITY

1919.....	21.20	25.00	21.80	18.50	19.20	17.70	28.20	24.10	23.90	23.80	26.70	22.80
1920.....	11.60	11.70	11.70	13.60	13.90	13.70	14.70	13.50	16.00	17.30	16.75	12.20
1921.....	12.25	12.20	13.80	17.30	18.40	16.65	16.70	17.70	19.20	20.00	19.00	16.70
1922.....	14.10	15.70	16.90	19.25	18.80	18.70	19.90	16.20	16.60	16.75	15.75	13.90
1923.....	13.40	15.40	16.60	17.40	15.60	17.25	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—	—	—	—	—	—

## MEMPHIS

1919.....	26.00	30.10	29.90	22.90	27.60	23.80	30.40	34.20	33.20	35.80	38.20	30.80
1920.....	16.40	15.80	15.80	19.70	19.80	20.00	20.10	19.25	20.60	22.70	22.00	17.40
1921.....	16.90	17.00	18.90	23.10	24.10	25.60	23.60	22.50	25.40	26.00	26.90	24.50
1922.....	18.50	21.50	24.10	23.60	23.50	23.50	25.50	22.90	22.20	24.40	21.30	20.30
1923.....	19.20	20.10	21.90	23.40	22.20	23.60	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—	—	—	—	—	—

## MINNEAPOLIS

1919.....	23.80	24.00	25.20	23.80	24.00	22.00	31.80	34.00	27.60	28.00	28.80	26.80
1920.....	15.10	16.40	16.20	16.70	17.00	17.00	15.60	17.10	18.25	18.20	15.70	14.00
1921.....	10.75	12.10	14.00	15.50	18.25	17.20	17.60	16.60	15.20	16.75	16.00	15.75
1922.....	15.25	18.50	17.25	17.90	16.90	15.25	16.25	16.25	15.50	15.60	16.00	15.75
1923.....	14.75	14.40	15.00	16.40	15.60	16.60	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—	—	—	—	—	—

## OMAHA

1919.....	14.80	15.00	15.80	14.10	17.00	14.80	20.00	28.50	20.50	28.00	32.00	16.80
1920.....	11.00	11.00	11.00	11.20	12.00	12.00	14.00	12.20	10.20	11.00	11.00	11.00
1921.....	10.75	10.75	12.10	14.00	15.50	15.50	15.75	15.40	17.10	17.90	17.75	16.70
1922.....	12.40	13.70	15.25	16.00	16.50	16.00	13.90	13.90	13.30	12.75	11.90	12.00
1923.....	12.00	11.50	12.50	13.20	13.50	14.25	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 77.—*Hay, clover No. 1: Average price per ton at five markets, January, 1920–December, 1924*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.....	24.20	28.20	28.00	25.60	26.20	24.00	20.50	19.80	20.00	17.80	16.00	16.40
1920.....	15.80	16.80	16.20	17.40	18.60	18.70	18.25	17.10	17.90	20.00	18.75	16.00
1921.....	13.50	13.10	14.10	15.90	18.00	16.60	15.50	15.50	15.80	16.00	16.00	16.80
1922.....	17.25	19.00	20.50	22.00	22.80	23.00	23.50	23.40	20.20	19.00	19.10	18.75
1923.....	18.25	15.00	15.00	15.60	17.10	17.40						
1924.....												

## CINCINNATI

1919.....							37.30	38.00	40.90	40.10	42.00	33.50
1920.....	29.80	31.60	30.20	30.00	30.30	26.80	23.60	19.00	20.50	14.30	15.10	15.80
1921.....	15.20	18.50	19.50	20.40	21.00	20.70	20.75	20.75	21.75	22.40	21.00	16.25
1922.....	14.40	15.50	14.90	16.25	17.50	17.10	15.90	15.75	17.20	17.90	16.75	17.20
1923.....	17.00	19.50	22.50	25.50	26.90	26.25	26.25	25.25	25.00	25.00	23.70	22.75
1924.....	20.75	18.60	18.75	18.60	18.90	19.00						

## KANSAS CITY

1920.....	19.00	21.80	23.00	22.10	22.00	21.00	16.50	16.50	16.30	14.00	13.60	13.80
1921.....	12.60	11.50	11.50	11.50								9.50
1922.....	10.10	11.90	12.75	14.50	15.70	16.00	15.50	15.75	16.40	18.40	18.90	18.75
1923.....	14.30	15.70	19.00	19.00	19.00	18.50	18.75	19.00	18.40	18.70	19.00	17.50
1924.....	14.10	15.50	16.50	16.50	15.70	16.00						

## MINNEAPOLIS

1919.....							25.60	25.50	25.90	28.20	28.40	23.00
1920.....	19.60	21.70	22.80	20.60	20.20	17.80	17.40	16.00	16.80	16.60	16.00	15.60
1921.....	14.50	17.20	17.20	17.60	17.10	17.30	17.50	17.40	18.25	18.60	17.80	15.50
1922.....	15.10	14.75	15.10	15.75	16.90	17.00	16.00	15.20	15.00	15.00	15.10	14.10
1923.....	15.00	16.10	17.50	17.50	17.80	17.50	18.50	18.50	17.90	17.10	16.40	16.40
1924.....	15.50											

## PITTSBURGH

1920.....	25.00			31.00	31.20	25.70	24.50	23.30	20.90	19.00	16.00	13.80
1921.....	15.60	18.40	19.00	20.90	20.60	21.30	21.75	21.25	21.50	23.30	21.50	19.40
1922.....	16.00		16.60	18.00	18.25	18.30	16.75	16.90	17.90	17.40	17.00	17.00
1923.....	17.40	20.00	22.00	25.25	25.90	25.50	26.75	26.10	26.00	26.40	24.60	22.00
1924.....	19.60	17.00	18.00	19.60	19.00	19.20						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 78.—*Hay, clover No. 1, mixed: Average price per ton at nine markets, January, 1920–December, 1924*

BALTIMORE

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							31.40	38.20	40.60	40.00	42.30	39.00
1920	36.90	29.30	30.20	29.80	28.20	26.60	25.00	21.50	20.40	18.90	18.30	18.00
1921			17.70	18.30	18.80	19.50	19.00	19.25	19.50	19.50		
1922	18.75								17.80	17.75	18.10	18.40
1923	18.75	21.70	25.25	25.00						25.50	26.75	26.50
1924	24.25	22.50	16.90	17.20	17.70	17.70						

BOSTON

1919	*							34.00		38.00	37.20	36.00
1920	32.30	33.00	30.90	31.70	33.20	32.70	30.80	29.00	27.00	24.50	23.50	23.00
1921	25.00	24.50	23.00	23.50	22.10	24.00	24.90	24.25	23.75	24.30	28.50	25.00
1922	23.20	21.50	20.30	21.50	21.90	21.70	22.25	22.50	22.00	21.60	20.10	19.00
1923	18.50	20.50	21.25	21.00	21.75	22.50	21.70	21.75	20.60	20.50	20.60	21.00
1924	20.80	20.50	20.50	20.40	20.00	20.00						

CHICAGO

CINCINNATI

## KANSAS CITY

1919							28.00	28.60	29.70	33.80	34.80	34.0
1920	25.30	24.60	23.70	19.80	21.60	19.80	18.40	17.40	16.90	15.00	15.70	15.7
1921	11.00	10.80	11.50	11.50	11.30	11.70	11.75	12.10	12.90	15.45	17.00	15.7
1922	12.50	12.60	13.20	13.30	13.60	14.10	14.10	14.60	15.80	18.70	18.90	19.0
1923	14.20	13.00	14.75	15.50	16.10	16.75	17.90	18.40	17.80	18.20	17.55	17.0
1924	15.10	14.60	15.25	15.10	15.00	15.20						

MINNEAPOLIS

1919								25.70	25.50	25.50	30.20	31.80	24.5
1920	20.80	23.00	23.50	21.10	20.20	17.80	18.30	16.40	16.10	16.10	16.50	16.0	
1921	14.50	17.20	16.80	17.60	17.00	16.70	16.00	16.90	17.90	19.10	18.75	17.0	
1922	16.00	15.00	15.10	15.90	16.25	15.60	15.00	14.60	14.40	14.90	15.10	14.1	
1923	15.25	18.50	17.90	17.90	17.80	17.30	18.50	18.50	17.20	17.35	16.90	17.0	
1924	16.00	16.80	13.75	17.50	15.70	16.50							

NEW YORK

TABLE 78.—*Hay, clover No. 1, mixed: Average price per ton at nine markets, January, 1920—December, 1924—Continued*

## PITTSBURGH

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920	28.00			30.50	30.00	25.30	24.50	23.20	20.90	19.40	16.30	13.80
1921	16.00	18.40	18.60	20.50	20.20	20.70	21.00	20.60	21.75	23.40	21.60	19.40
1922	16.50	16.75	16.90	18.00	18.25	18.30	16.90	18.00	19.20	18.40	18.70	18.25
1923	19.10	22.00	23.25	25.25	26.10	25.50	26.75	26.10	26.00	26.40	25.00	22.25
1924	20.75	17.50	18.70	19.75	19.10	19.30	—	—	—	—	—	—

## ST. LOUIS

1919							31.10	32.50	33.10	42.80	43.80	37.50
1920	33.00	31.00	26.00	28.10	28.00	26.00	23.10	23.40	21.80	21.70	21.70	20.60
1921	18.10	20.50	18.50	19.60	19.60	19.90	18.00	17.00	—	—	23.50	—
1922	17.00	16.50	18.00	17.00	19.00	—	—	—	—	20.00	—	—
1923	—	—	22.00	24.00	23.00	—	26.50	27.00	—	—	—	—

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 79.—*Hay, clover No. 1, light, mixed: Average price per ton at eight markets, January, 1920—December, 1924*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919	—	—	—	—	—	—	31.40	32.90	33.10	41.10	44.30	39.00
1920	33.70	35.20	30.50	28.60	28.80	25.90	23.20	22.10	20.90	20.60	19.20	19.50
1921	20.30	20.20	21.20	19.90	20.80	20.40	20.90	20.40	21.25	23.60	23.40	20.90
1922	21.20	18.10	17.40	19.00	20.00	17.70	18.25	18.50	19.80	20.00	19.25	21.20
1923	21.75	23.30	24.75	24.50	25.20	25.40	26.00	24.90	24.30	24.50	24.00	24.25
1924	24.50	24.30	22.50	21.10	21.50	21.60	—	—	—	—	—	—

## CINCINNATI

1919							34.00	35.90	37.60	41.10	43.20	39.60
1920	35.00	33.50	30.20	28.40	28.70	25.30	24.90	21.70	21.60	20.10	19.30	17.30
1921	18.10	18.20	17.50	18.00	18.20	18.40	18.50	18.20	19.40	21.80	22.25	19.40
1922	16.75	16.10	15.70	16.90	17.50	17.20	16.40	16.60	18.40	18.10	19.70	19.10
1923	20.10	21.30	22.25	24.40	24.90	25.25	23.75	23.50	23.50	24.90	23.50	22.30
1924	21.25	17.60	18.60	18.00	18.00	18.30	25.25	—	—	—	—	—

## KANSAS CITY

1919							28.60	30.00	31.00	35.50	36.40	36.00
1920	20.80	26.30	25.40	20.80	23.20	22.00	21.10	19.60	18.60	17.00	17.50	17.30
1921	13.10	12.80	13.50	13.40	13.20	13.60	13.40	13.40	14.60	17.15	18.50	17.90
1922	14.60	14.25	14.40	15.25	14.90	15.30	16.00	16.00	16.80	19.50	19.80	19.80
1923	15.60	13.90	16.00	17.00	17.70	18.00	19.75	20.00	19.20	19.60	19.30	19.00
1924	16.10	15.40	16.25	16.10	16.20	16.10	—	—	—	—	—	—

## MINNEAPOLIS

1919							26.50	—	27.20	31.80	34.30	28.00
1920	23.80	24.50	25.60	22.50	21.50	18.80	18.80	17.20	17.10	17.60	17.50	17.00
1921	16.00	17.50	17.40	17.30	16.90	16.60	16.40	17.25	18.40	19.75	19.70	19.00
1922	16.60	15.75	15.70	16.50	16.90	15.00	15.40	15.00	14.80	15.60	15.60	15.40
1923	16.50	17.50	18.90	18.75	18.20	17.60	18.50	18.30	17.60	17.60	17.50	—
1924	—	17.50	19.00	18.00	16.20	—	—	—	—	—	—	—

TABLE 79.—*Hay, clover No. 1, light, mixed: Average price per ton at eight markets, January, 1920—December, 1924—Continued*

## NEW YORK

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.....										59.50	56.60	46.40
1920.....	41.90	38.60	42.10	37.60	37.50	36.10	31.50	28.80	28.00	28.30	27.90	26.90
1921.....	29.10	29.50	26.20	28.20	24.90	27.50	23.90	25.60	26.60	28.60	29.90	28.10
1922.....	28.70	27.75	23.30	24.60	24.10	24.30	23.40	24.10	26.10	24.60	24.00	24.20
1923.....	24.60	28.30	27.25	29.90	29.70	30.00	30.10	29.50	27.40	28.80	29.00	29.25
1924.....	29.00	27.30	25.90	24.75	24.60	24.75						

## PHILADELPHIA

1919.....							34.40	40.20	42.10	40.20	43.40	42.20
1920.....	39.50	32.50	29.50	31.20	29.20	26.70	23.90	22.90	22.50	21.30	19.20	19.80
1921.....	23.70	22.20	20.50	20.80	20.80	19.80	21.25	22.00	21.90	22.20	23.90	21.50
1922.....	21.40	18.90	17.90	19.25	19.90	19.90	20.75	20.25	21.30	21.50	20.90	21.50
1923.....	22.25	26.00	26.90	26.50	27.50	27.75	27.75	27.25	27.00	27.00	29.00	27.00
1924.....	25.00	22.50	17.75	18.25	19.00	20.00						

## PITTSBURGH

1920.....	30.00			29.20	28.20	26.20	24.20	22.20	20.50	20.00	17.30	15.50
1921.....	17.50	18.60	19.00	20.20	18.90	19.20	19.25	19.40	20.90	22.40	23.00	21.00
1922.....	18.60	16.80	16.75	18.10	18.10	17.70	17.50	17.60	19.00	18.60	19.00	18.75
1923.....	19.50	22.80	23.25	25.25	25.70	26.50	26.25	25.10	26.40	25.25		
1924.....	22.75	19.25	18.50	19.75	18.80	18.80						

## ST. LOUIS

1919.....							30.80	32.50	33.30	44.20	43.60	37.00
1920.....	34.70	34.20	27.60	29.10		27.20	24.80	23.70	25.50	22.80	24.00	22.00
1921.....	20.30	21.30	20.20	20.80	21.30		18.50		21.00	22.70	24.00	18.25
1922.....	18.50	18.00		18.00	18.00	19.00			20.00		22.00	23.00
1923.....	16.00			24.00	24.00	24.50	24.50	24.00		24.90	22.60	23.25
1924.....	16.00		19.50	20.00	19.50	19.00						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 80.—*Hay, prairie No. 1: Average price per ton at Chicago, July, 1909—December, 1923*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Average—1909-1913.....	12.75	13.40	12.80	13.40	12.85	12.60	12.95	12.40	12.15	13.00	14.30	14.16	13.06
Average—1914-1920.....	17.07	18.32	18.89	17.46	17.21	18.32	18.25	17.21	17.12	17.21	15.00	15.44	
1909.....	8.75	8.25	8.50	9.50	9.50	11.50	13.25	13.50	12.25	11.00	10.25	11.75	10.67
1910.....	13.00	13.75	13.00	13.25	13.00	13.00	12.75	11.75	10.50	11.00	13.75	13.75	12.71
1911.....	16.75	17.75	14.00	14.25	14.75	14.00	15.25	15.25	16.50	19.00	20.25	17.75	16.29
1912.....	12.50	13.25	12.50	13.75	13.75	12.25	12.50	11.50	10.00	11.00	12.25	10.50	12.15
1913.....	12.75	14.00	16.00	16.25	13.25	12.25	11.00	10.00	11.50	13.00	15.00	17.00	13.50
1914.....	15.25	13.50	13.75	12.00	11.50	11.75	13.00	13.25	13.75	13.75	13.50	13.60	13.21
1915.....	13.75	12.50	11.50	12.25	12.50	12.00	12.25	12.50	11.75	13.00	13.00	12.25	12.44
1916.....	12.00	11.75	13.50	13.00	13.50	14.50	14.50	14.50	14.75	16.50			
1917.....	20.00	20.00	20.00	22.00	23.00	23.00	23.00	21.50	15.50	17.00	19.50	20.41	
1918.....	18.00	21.00	26.00	23.00	19.00	21.00	24.50						
1919.....	28.50	27.50	22.50	20.50	22.00	27.00	26.00	24.00	24.00	27.50			
1920.....	18.50	22.00	25.00	21.50	20.00	19.00	14.50	10.00	17.00	17.00	16.50	16.50	18.02
1921.....	17.50	16.50	15.75	16.50	17.25	16.75	16.00	14.50	14.50	14.50	16.00	16.50	16.10
1922.....	15.00	15.50	16.50	18.00	18.50	17.00	15.00	15.00	17.00	16.50	18.50	18.50	16.58
1923.....	19.00	18.00	19.00	19.50	19.00	18.00							

Division of Statistical and Historical Research. Compiled from reports of the Chicago Board of Trade.

TABLE 81.—*Hay, prairie No. 1: Monthly average price per ton, at Kansas City, July, 1910—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Aver- age
	Dols. 15.35	Dols. 15.71	Dols. 16.00	Dols. 16.27	Dols. 17.20	Dols. 17.21	Dols. 16.90	Dols. 16.48	Dols. 17.66	Dols. 18.96	Dols. 19.53	Dols. 18.23	Dols. 17.13
Average—1914-1920													
1910	10.83	10.82	11.67	11.34	11.16	10.80	11.07	10.95	10.84	11.31	11.55	13.61	11.33
1911	15.93	12.93	11.50	11.60	12.07	12.61	13.84	13.66	16.70	20.85	20.48	15.16	14.78
1912	8.79	7.96	8.39	8.96	8.91	9.39	10.45	9.37	9.19	9.56	9.53	9.97	9.21
1913	10.60	13.62	15.76	16.00	15.66	15.57	14.20	14.50	14.40	16.00	16.42	15.43	14.85
1914	12.10	9.96	11.58	11.35	10.94	10.98	11.25	10.89	11.26	11.41	11.02	11.03	11.15
1915	11.32	8.65	8.83	9.71	9.54	8.97	8.84	9.15	8.96	9.50	9.74	8.65	9.31
1916	8.50	8.06	9.36	9.47	10.74	11.18	10.57	10.92	12.92	18.68	19.74	20.57	12.56
1917	18.14	18.57	18.06	19.60	25.07	25.47	24.00	23.79	23.42	21.13	19.17	17.66	21.17
1918	19.26	25.25	26.57	27.58	26.84	24.04	28.25	26.82	32.35	36.63	38.91	37.34	29.15
1919	20.89	19.98	19.32	19.75	21.12	25.34	21.40	20.68	21.70	24.02	18.95	21.15	
1920	17.21	19.52	18.47	16.45	16.13	14.49	14.00	13.10	14.10	13.70	14.10	13.40	15.35
1921	12.30	11.40	11.30	12.40	12.00	11.30	11.10	10.30	11.50	11.90	12.40	11.90	11.65
1922	12.90	10.70	11.00	14.00	14.20	12.70	12.70	13.00	14.10	19.00	19.00	19.00	14.36
1923	11.80	11.50	13.80	14.60	14.75	14.75	15.00	14.70	14.60	14.75	14.00	12.75	13.92
1924	11.75	11.40	10.90	12.20	12.25	12.00							

Division of Statistical and Historical Research. Compiled from Kansas City Daily Price Current and Kansas City Grain Market Review, July, 1910-June, 1923; from weekly reports of the Hay, Feed, and Seed Division, July, 1923-December, 1924.

TABLE 82.—*Hay, prairie No. 1: Average price per ton at St. Louis, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Aver- age
	Dols. 14.05	Dols. 13.70	Dols. 14.00	Dols. 14.80	Dols. 14.95	Dols. 14.85	Dols. 15.20	Dols. 14.45	Dols. 15.00	Dols. 16.75	Dols. 16.53	Dols. 15.75	Dols. 15.13
Average—1900-1913	20.54	20.50	20.39	20.32	19.71	21.04	19.71	19.33	20.29	21.96	20.65	18.54	-----
Average—1914-1920													
1909	11.50	10.25	11.25	11.50	12.00	12.25	13.75	13.25	13.75	13.50	13.40	13.40	12.48
1910	13.75	13.50	13.75	13.75	13.75	14.00	14.00	13.50	13.75	13.75	14.75	15.75	14.00
1911	20.00	16.50	14.25	15.00	15.25	16.00	17.25	17.00	20.50	24.75	23.50	19.25	18.27
1912	14.00	12.00	13.25	14.75	14.00	13.75	13.75	12.75	13.50	12.50	12.75	12.10	13.26
1913	14.00	16.25	17.50	19.00	19.75	18.25	17.25	15.75	18.00	19.25	18.25	18.25	17.62
1914	15.75	14.25	14.00	14.75	15.00	14.25	15.25	14.00	13.75	15.25	14.50	14.75	14.62
1915	14.50	11.25	12.00	13.00	13.75	12.25	13.50	13.00	12.25	14.25	14.75	13.50	13.17
1916	15.50	11.75	14.00	13.50	14.75	15.00	14.00	14.00	16.25	22.25	23.00	20.75	16.23
1917	21.50	23.00	21.25	22.50	26.25	29.75	20.00	29.00	27.25	21.50		19.50	24.59
1918	27.00	30.75	32.50	31.50	31.50	30.00			29.50	30.00			
1919	28.00	25.00	25.00	23.00	26.00	26.00	27.00	27.00	24.00	32.00	32.00	25.00	26.67
1920	21.50	27.50	24.00	24.00	22.50	20.00	19.50	19.00	18.50	19.00	17.75	21.02	
1921	16.50	16.25	18.00	18.25	16.50	16.25	16.00	14.75	15.50	16.50	16.75	17.00	16.35
1922	16.50	16.75	15.00	16.50	19.00	18.00	17.00	16.75	18.50	19.50	23.50	23.00	18.33
1923	17.50	16.00	17.00	20.00	19.50	20.00	19.63	19.60	19.14	19.52	18.00	17.08	18.59
1924	15.00	16.41	14.70	16.00	16.05	17.12							

Division of Statistical and Historical Research. Compiled from annual reports of the Merchants Exchange of St. Louis, 1909-1923; from St. Louis Daily Market Reporter, 1924.

TABLE 83.—*Hay, prairie, upland No. 1: Average price per ton at five markets, January, 1920—December, 1924*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	22.00	24.90	25.00	21.60	22.20	21.30	18.00	19.20	19.00	18.40	18.50	19.00
1921	19.80	17.80	17.50	18.00	18.20	17.80	16.50	15.50	16.50	18.00	18.40	18.25
1922	18.40	18.25	17.80	20.00	19.75	18.00	16.75	16.00	17.00	17.75	18.00	19.60
1923	18.90	18.00	19.75	19.50	19.60	17.75	20.40	19.50	19.40	19.75	19.60	17.75
1924	17.75	18.20	16.40	17.00	17.00	17.75						

TABLE 83.—*Hay, prairie, upland No. 1: Average price per ton at five markets, January, 1920—December, 1924—Continued*

## KANSAS CITY

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	16.90	19.60	18.50	17.00	16.50	16.10	14.50	12.90	14.40	13.30	14.20	13.40
1921	13.00	11.50	10.90	12.50	11.40	11.50	11.20	9.80	11.70	12.00	12.30	11.10
1922	12.70	10.90	11.10	14.50	14.30	12.40	12.60	13.25	14.80	19.10	19.10	18.60
1923	11.80	11.50	13.80	14.60	14.75	14.75	15.00	14.70	14.60	14.75	14.00	12.75
1924	11.75	11.40	10.90	12.20	12.25	12.00						

## MINNEAPOLIS

1910												
1920	23.40	19.00	19.60	22.00	20.20	17.40	16.10	15.10	15.00	15.70	18.00	16.10
1921	15.20	14.60	15.20	15.40	15.50	15.20	15.50	15.40	16.50	18.20	17.90	18.25
1922	17.00	14.40	15.70	16.40	16.10	16.10	15.50	15.10	15.80	16.25	17.00	17.00
1923	16.25	16.50	17.10	16.90	16.40	15.50	16.75	15.90	16.00	16.10	17.60	17.50
1924	16.90	16.30	16.00	17.40	16.60	16.50						

## OMAHA

1910												
1920	18.10	17.50	18.50	16.30	16.50	14.40	14.00	23.50	22.00	20.50	21.60	24.90
1921	11.60	11.90	12.20	11.00	12.00	12.00		12.00	12.00	12.50	13.00	13.00
1922	14.25	13.50	12.40	13.70	15.75	16.00	15.10	14.60	15.40	18.40	19.40	19.60
1923	14.40	13.25	14.90	15.40	15.00	14.25	14.75	13.50	13.20	13.25	12.70	13.10
1924	13.10	13.00	13.00	12.70	12.40	12.50						

## ST. LOUIS

1919												
1920	21.10	26.80	24.80	24.00	22.00	19.50	20.20	26.50	24.30	32.20	33.20	24.80
1921	17.70	16.00	16.00	17.60	16.50		18.00	18.00	18.50	19.50	20.00	18.00
1922	17.00	16.00	12.00		20.00	17.30		15.00	16.00	16.50	17.75	16.50
1923	19.00				18.25			16.00	19.50			28.00
1924	15.90	16.25	14.40	16.00	16.20	17.20						17.40

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 84.—*Hay, prairie, upland, No. 2: Average price per ton at five markets, July, 1920—December, 1924*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920	17.80	21.20	21.50	18.40	18.50	18.40	15.00	15.80	16.00	15.20	15.80	16.20
1921	17.40	16.00	15.60	16.20	16.00	15.60	14.75	13.25	15.00	16.60	16.50	16.40
1922	16.40	16.50	15.40	17.75	17.50	16.20	14.25	13.00	14.20	15.00	15.00	17.40
1923	17.00	16.60	17.75	16.10	17.20	17.00	17.40	17.00	17.20	17.25	16.80	15.75
1924	16.00	16.40	15.10	15.50	15.20	15.25						

## KANSAS CITY

1920	15.10	17.90	16.30	13.90	13.20	13.50	12.20	10.20	11.90	10.90	12.10	10.80
1921	10.60	10.00	9.40	10.60	10.80	9.60	9.10	8.10	9.60	10.25	10.75	10.60
1922	10.60	9.60	9.90	13.40	12.90	11.00	11.10	11.60	13.40	17.60	10.75	16.60
1923	10.00	10.60	12.00	13.70	13.40	13.40	13.40	13.10	13.00	13.25	12.10	11.40
1924	10.70	9.80	9.90	10.25	10.50	10.80						

# Hay and Feed Statistics

78

**TABLE 84.—*Hay, prairie, upland, No. 2: Average price per ton at five markets, July, 1920—December, 1924—Continued***

### MINNEAPOLIS

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920.....	20.80	16.70	17.80	20.20	18.10	15.40	13.60	12.50	13.80	14.10	14.00	15.10
1921.....	13.40	13.00	13.10	13.80	14.00	13.40	13.50	14.00	15.00	16.80	16.60	17.00
1922.....	16.00	12.60	14.70	15.50	16.40	15.20	14.50	14.10	14.70	15.10	15.75	15.90
1923.....	15.10	15.25	16.10	15.75	15.20	14.25	15.90	14.90	14.50	15.00	16.60	16.50
1924.....	15.25	14.50	15.60	16.25	15.30	15.25	-----	-----	-----	-----	-----	-----

### OMAHA

1920.....	14.30	14.80	15.60	12.70	12.80	12.20	11.20	8.60	10.20	10.20	10.90	10.50
1921.....	9.60	9.90	10.20	9.50	10.50	10.50	-----	-----	-----	-----	11.25	11.40
1922.....	11.50	11.75	11.10	11.90	13.60	13.80	12.40	11.75	13.30	16.50	16.90	16.50
1923.....	11.70	10.75	12.75	12.75	11.50	11.50	12.25	11.50	11.00	11.10	10.40	10.60
1924.....	10.75	10.75	11.00	10.90	10.50	10.50	-----	-----	-----	-----	-----	-----

### ST. LOUIS

1920.....	17.70	23.40	18.50	19.20	18.00	17.20	16.50	15.00	15.00	16.00	18.00	16.00
1921.....	15.70	13.70	13.90	15.80	15.00	-----	14.00	-----	13.00	15.00	14.50	15.50
1922.....	13.00	14.00	-----	-----	-----	15.80	16.00	-----	-----	-----	21.00	20.00
1923.....	-----	-----	-----	-----	-----	17.00	-----	-----	18.00	-----	17.00	14.75
1924.....	-----	14.90	12.50	-----	15.00	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

**TABLE 85.—*Hay, prairie, midland No. 1: Average price per ton at three markets, January, 1920—December, 1924***

### CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.....	18.00	20.00	19.50	17.40	17.20	16.50	19.50	18.40	18.80	26.50	27.60	22.00
1920.....	15.00	14.80	13.80	14.80	15.00	14.80	14.00	13.20	13.80	14.50	14.20	14.20
1921.....	15.00	14.00	14.00	16.00	15.25	14.00	13.75	12.75	13.50	15.20	15.75	15.75
1922.....	15.00	15.00	15.25	14.75	14.80	14.00	14.90	12.25	12.40	12.00	12.00	14.20
1923.....	13.00	15.00	15.25	14.75	14.80	14.00	14.90	16.00	13.20	13.75	13.80	14.25
1924.....	14.50	15.20	14.90	14.75	12.20	13.10	-----	-----	-----	-----	-----	-----

### MINNEAPOLIS

1919.....	-----	-----	-----	-----	-----	-----	22.20	17.00	17.30	22.80	24.20	18.80
1920.....	17.20	14.30	15.20	10.20	14.80	11.40	10.50	9.50	10.20	10.10	9.80	11.10
1921.....	9.40	10.20	10.90	10.90	10.80	10.40	10.75	11.25	13.25	14.90	13.00	13.60
1922.....	13.50	10.00	12.30	13.40	14.00	13.00	12.10	11.50	11.90	12.50	13.50	13.60
1923.....	12.00	13.40	13.90	13.60	12.90	11.50	13.40	11.80	11.30	11.50	13.10	13.50
1924.....	12.00	11.50	13.40	13.75	12.60	12.50	-----	-----	-----	-----	-----	-----

### OMAHA

1919.....	16.90	16.80	17.50	15.70	15.50	13.50	21.00	20.20	19.40	20.50	23.80	19.20
1920.....	11.00	11.40	11.20	10.00	11.00	11.00	12.00	9.60	10.70	11.50	12.10	12.25
1921.....	13.25	13.00	11.75	13.10	15.25	15.40	14.30	14.10	14.80	17.50	18.70	18.60
1922.....	13.40	12.10	13.90	14.25	13.50	13.25	13.75	12.75	12.30	12.60	11.70	12.10
1923.....	11.90	11.50	11.60	11.40	11.20	11.50	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 86.—*Hay, choice timothy: Average of range of quotations, per ton (car-loads), Chicago, 1895–1923*

Year begin- ning July 1	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Av.
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1894													
1895	15.25	13.75	13.25	13.25	13.50	13.25	13.00	10.75	10.75	10.75	10.75	10.75	13.25
1896	11.50	10.50	9.25	9.50	10.25	9.50	9.50	8.75	9.75	9.75	10.00	9.75	9.83
1897	10.00	9.75	9.50	9.25	9.25	9.25	8.75	9.00	10.00	9.50	10.88	10.25	9.62
1898	9.25	8.75	8.25	8.50	9.12	8.75	8.75	9.00	9.75	11.00	11.25	11.75	9.51
1899	12.88	12.50	12.25	12.75	12.75	12.25	11.75	11.38	11.75	13.00	13.12	11.75	12.34
1900	12.25	12.25	11.75	12.25	13.75	13.50	13.50	13.25	13.02	14.00	14.00	13.75	13.16
1901	14.75	15.25	14.00	14.00	14.50	14.50	13.75	13.25	13.50	14.00	14.50	14.00	14.17
1902	13.50	12.75	12.75	13.00	13.25	13.25	13.00	13.00	13.75	14.75	16.50	16.50	13.77
1903	14.00	12.00	12.00	12.50	12.25	12.25	12.00	12.75	13.25	13.75	13.75	13.25	12.81
1904	13.00	12.25	12.25	12.75	11.75	12.25	12.25	13.00	12.75	12.75	12.25	11.50	12.40
1905	11.75	12.50	11.50	12.00	11.75	11.50	12.50	12.75	13.00	13.50	13.50	14.25	12.54
1906	15.00	16.00	15.50	16.00	17.75	17.50	16.75	18.25	17.75	18.50	18.50	20.50	17.33
1907	18.75	20.00	18.00	18.50	16.75	16.75	14.50	16.50	16.00	15.50	15.50	11.25	16.33
1908	11.50	12.00	11.25	12.25	13.75	12.25	12.75	12.75	12.50	13.25	13.75	14.00	12.67
1909	14.00	16.25	14.25	14.50	15.25	18.00	18.50	18.50	18.25	17.75	16.75	17.25	16.80
1910	17.50	19.25	18.75	18.75	18.50	19.00	18.25	18.25	19.50	22.75	22.75	23.50	19.29
1911	25.50	23.50	22.75	22.50	22.75	22.25	23.00	22.00	23.00	25.25	27.25	23.00	23.56
1912	22.25	20.25	21.00	18.50	18.75	17.75	17.00	16.25	17.25	18.00	17.25	15.50	18.15
1913	16.75	19.00	19.00	18.50	18.00	17.00	16.50	17.25	18.00	18.00	17.75	17.90	
1914	18.50	18.75	16.75	16.75	17.25	17.00	17.50	17.50	17.00	18.25	18.50	18.75	17.71
1915	20.00	20.50	18.50	16.50	17.50	17.75	18.25	18.25	19.25	20.50	20.75	20.00	18.73
1916	18.00	12.00	17.25	17.25	17.00	17.50	17.25	17.00	17.75	19.75	21.50	20.75	17.75
1917	19.50	20.75	22.00	26.75	28.25	28.25	29.50	30.00	30.00	27.50	26.00	22.50	25.83
1918	24.00	29.00	34.00	33.00	31.50	31.25	31.00	27.50	32.00	34.50	36.50	33.00	31.44
1919	35.00	37.50	31.00	30.00	30.50	31.50	32.50	34.50	36.00	41.50	42.00	—	
1920	38.50	40.50	35.00	34.00	33.50	35.00	32.50	27.50	26.50	24.50	22.50	23.00	
1921	25.50	24.50	24.00	23.50	24.00	23.00	—	—	—	23.50	23.50	24.50	
1922	16.50	15.50	21.00	23.00	27.50	27.00	27.00	—	—	23.50	23.50	24.50	
1923	21.00	23.00	—	—	—	—	—	—	—	—	—	—	

Division of Statistical and Historical Research. Compiled from annual reports Chicago Board of Trade.

TABLE 87.—*Hay, timothy No. 1: Average price per ton at 33 markets, July, 1923–June, 1924*

Market	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Atlanta <sup>1</sup>	26.10	26.40	24.75	29.25	29.30	30.90	31.30	29.50	30.20	31.25	30.20	29.80
Baltimore <sup>2</sup>	23.90	27.10	27.20	27.30	27.30	27.40	27.75	27.75	28.20	27.60	28.80	29.20
Birmingham <sup>3</sup>	27.00	—	—	—	30.50	32.25	32.50	—	—	—	—	32.00
Boston <sup>1</sup>	25.60	27.70	28.10	28.40	29.10	29.60	29.50	28.25	27.90	28.40	30.70	31.50
Buffalo <sup>3</sup>	—	17.75	20.00	21.50	22.50	20.00	20.00	20.00	21.50	22.00	21.50	21.75
Chattanooga <sup>3</sup>	26.20	25.00	26.50	—	32.00	30.65	31.50	—	30.50	30.15	30.50	30.50
Chicago <sup>1</sup>	24.00	25.20	26.60	26.50	26.80	27.10	27.40	26.25	26.20	27.00	26.60	26.40
Cincinnati <sup>1</sup>	21.10	22.10	22.75	24.75	24.30	24.40	25.60	25.60	24.00	24.40	25.50	24.00
Cleveland <sup>3</sup>	22.75	25.25	24.50	—	—	—	25.50	—	26.50	25.50	25.25	25.75
Denver <sup>3</sup>	26.50	25.00	—	24.00	24.00	23.50	22.50	21.50	21.50	22.50	20.60	20.50
Des Moines <sup>3</sup>	—	15.75	16.00	16.50	18.50	18.50	18.50	19.00	18.25	17.50	17.50	17.00
Detroit <sup>2</sup>	18.50	20.15	20.75	22.25	22.75	22.90	24.25	23.75	24.10	23.75	23.75	24.10
Duluth <sup>2</sup>	16.50	17.10	18.00	18.10	18.30	17.50	17.50	17.50	17.50	17.50	17.50	17.50
Indianapolis <sup>3</sup>	20.25	20.25	22.75	23.25	23.75	23.75	24.25	23.75	23.50	23.25	23.25	21.75
Jacksonville <sup>3</sup>	26.00	26.50	28.50	28.50	30.75	32.50	32.25	31.50	31.25	32.50	31.75	31.00
Kansas City <sup>1</sup>	15.80	14.10	16.40	17.50	18.40	18.50	19.80	20.25	20.00	20.25	19.50	19.90
Louisville <sup>2</sup>	21.50	21.00	22.50	24.00	24.50	24.50	26.00	25.00	24.50	25.00	23.50	23.50
Memphis <sup>1</sup>	23.75	23.00	25.75	25.00	25.70	27.00	28.00	26.80	27.60	28.10	27.00	27.00
Milwaukee <sup>3</sup>	17.25	22.75	23.50	22.50	23.00	22.50	23.25	22.50	21.50	21.50	20.00	22.50
Minneapolis <sup>1</sup>	17.75	18.75	20.25	19.75	19.60	18.75	19.90	19.40	18.70	19.40	19.40	20.00
New Orleans <sup>1</sup>	26.50	24.70	26.20	27.80	29.20	30.75	30.10	29.30	29.30	30.25	29.50	29.70
New York <sup>1</sup>	27.25	30.40	29.25	29.90	30.10	30.60	29.75	30.00	30.75	31.20	38.25	
Norfolk <sup>3</sup>	23.50	24.50	26.25	—	—	28.10	27.75	28.50	28.50	28.75	28.20	21.60
Philadelphia <sup>2</sup>	24.60	27.40	28.75	28.00	28.70	28.90	29.00	28.25	28.00	28.25	30.60	24.25
Pittsburgh <sup>2</sup>	22.50	25.30	24.75	26.50	26.30	27.00	26.50	26.10	26.30	27.10	26.75	26.40
Providence <sup>2</sup>	25.75	27.30	27.40	27.90	—	—	—	—	—	—	—	—
Richmond <sup>1</sup>	24.40	26.75	26.80	27.75	29.40	28.50	29.40	29.40	28.70	29.25	29.60	28.50
St. Joseph <sup>2</sup>	16.00	13.50	—	—	19.00	18.00	19.00	20.00	20.25	20.25	19.75	19.50
St. Louis <sup>1</sup>	21.40	22.20	24.40	26.40	24.70	26.00	26.00	24.60	25.60	26.40	25.20	24.00
St. Paul <sup>2</sup>	17.40	19.50	20.00	19.50	19.10	18.50	19.90	18.80	17.90	18.60	19.00	—
San Francisco <sup>2</sup>	16.00	16.00	16.00	17.00	19.00	20.00	20.00	20.00	21.00	23.00	—	—
Savannah <sup>1</sup>	27.50	27.00	29.40	31.00	32.40	33.25	33.75	32.50	33.40	32.90	32.10	32.00
Winnipeg <sup>3</sup>	—	—	18.00	17.50	16.50	16.50	—	—	15.50	—	—	19.50

Division of Statistical and Historical Research.

<sup>1</sup> Compiled from quotations of the Hay, Feed, and Seed Division.

<sup>2</sup> Compiled from quotations of the Hay Trade Journal.

<sup>3</sup> Compiled from quotations of the National Hay Press.

TABLE 88.—*Hay, timothy No. 1: Average of range of quotations, per ton (carloads), Chicago, 1876–1923*

Year begin- ning July 1	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Avg.
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1876	9.75	9.50	8.62	8.62	10.38	10.00	9.12	8.62	10.12	9.75	10.26	9.25	9.50
1877	9.25	8.75	8.50	8.50	8.12	8.25	8.31	8.06	8.50	9.00	10.25	11.00	8.87
1878	11.25	11.25	11.75	12.50	13.75	14.25	13.75	13.25	12.50	13.50	14.50	18.25	12.97
1879	14.25	14.50	13.88	14.50	15.00	15.25	15.25	15.00	15.50	17.25	18.00	14.25	15.22
1880	12.00	12.75	15.50	18.00	17.25	16.25	14.50	12.75	13.50	14.50	15.75	14.75	14.79
1881	16.00	13.50	12.25	12.50	12.38	11.88	12.25	12.25	11.50	11.75	12.50	12.50	12.60
1882	12.25	11.75	10.00	10.00	9.50	9.00	10.00	10.00	10.38	12.75	14.75	12.50	11.16
1883	12.25	12.25	10.75	11.00	10.88	10.75	11.50	12.25	12.25	14.00	16.50	14.00	12.36
1884	12.50	12.25	11.75	11.50	11.50	11.50	11.75	11.50	11.50	11.75	11.00	9.25	11.68
1885	10.25	11.00	10.75	9.88	10.25	10.00	9.88	9.88	9.88	10.75	11.75	11.50	10.48
1886	14.75	14.00	13.25	13.25	13.25	14.00	14.50	13.25	13.25	15.00	19.00	16.25	14.48
1887	15.50	13.25	11.25	11.25	11.25	11.25	11.50	10.25	9.75	10.75	10.75	10.25	11.42
1888	10.25	10.25	9.75	9.50	9.50	9.50	9.75	9.25	9.38	10.50	11.50	10.75	9.99
1889	9.75	10.75	10.75	10.50	9.88	9.75	9.38	9.25	12.25	14.75	14.00	13.00	11.17
1890	12.75	12.50	11.00	11.00	12.75	13.75	12.50	11.88	13.00	13.75	14.50	12.70	
1891	12.00	11.50	12.00	11.50	12.00	11.25	11.25	11.50	12.00	12.75	12.75	12.00	11.88
1892	11.75	12.00	11.00	11.25	12.75	10.25	10.00	10.00	10.00	10.25	10.25	10.50	10.67
1893	11.50	11.00	10.75	10.75	10.75	10.50	10.50	10.12	10.12	10.12	10.12	12.25	10.66
1894	14.25	12.75	12.25	12.25	12.25	12.25	11.75	11.25	11.75	12.25	11.75	9.75	12.04
1895	9.50	9.25	8.25	8.25	8.75	8.25	8.25	7.75	8.25	8.25	8.75	8.75	8.52
1896	8.75	8.75	8.75	8.25	8.25	8.25	8.25	8.25	9.25	8.75	10.00	9.25	8.73
1897	8.25	8.25	7.75	7.75	8.25	8.12	8.25	8.25	8.88	10.00	10.25	10.75	8.73
1898	11.75	11.50	11.25	11.75	11.75	11.50	10.75	10.62	10.75	12.00	11.75	10.50	11.32
1899	11.25	11.25	11.25	11.25	11.25	11.25	11.25	12.25	12.50	12.75	13.00	12.75	12.21
1900	13.50	13.50	12.25	12.25	12.25	13.25	12.75	12.25	12.25	12.75	13.00	12.25	12.77
1901	12.25	12.25	12.25	12.25	12.25	12.25	11.75	12.25	12.25	13.00	13.50	14.75	12.54
1902	11.50	10.50	10.50	11.50	11.25	11.25	11.25	11.75	12.25	13.00	13.50	12.50	
1903	12.25	12.25	11.50	11.50	11.25	11.25	10.75	11.25	10.75	12.00	12.75	12.25	11.35
1904	12.25	12.25	11.50	11.75	10.25	11.00	11.00	12.00	11.75	11.50	10.75	10.50	11.38
1905	10.50	11.75	10.50	10.75	11.25	10.75	10.25	9.75	10.50	10.50	12.00	12.50	10.92
1906	13.00	13.25	13.75	14.25	16.50	15.75	15.50	15.50	15.75	15.75	15.75	18.50	15.27
1907	17.75	17.00	15.00	18.50	15.00	13.00	13.00	13.25	12.75	13.50	13.50	10.50	14.23
1908	10.25	10.50	12.25	10.75	12.00	11.75	11.50	11.50	12.50	12.50	12.50	13.50	11.54
1909	12.75	14.75	13.50	13.60	14.25	16.50	17.50	17.50	17.00	16.00	14.25	15.75	15.27
1910	18.75	19.50	17.25	17.25	17.50	17.50	18.00	16.25	16.25	17.75	21.00	21.75	18.23
1911	23.50	21.50	20.00	20.50	21.25	21.00	21.75	20.75	21.50	24.00	26.00	21.25	21.92
1912	18.75	18.50	18.50	18.00	17.00	15.50	15.75	14.25	14.75	15.50	15.25	14.25	16.42
1913	15.50	17.75	17.75	18.00	17.00	16.25	15.50	14.75	15.25	16.00	16.25	15.25	16.27
1914	16.25	16.75	15.50	15.25	15.50	15.50	16.25	15.50	15.25	16.25	17.00	17.50	16.04
1915	19.25	20.25	19.00	17.00	15.50	15.50	16.25	15.50	16.75	18.75	18.75	18.00	17.54
1916	16.00	16.00	15.50	15.75	15.75	16.25	15.50	15.75	15.75	18.00	20.50	18.75	16.62
1917	17.75	19.25	21.00	25.00	27.25	27.00	28.25	29.00	28.00	24.00	23.00	19.60	24.04
1918	21.50	26.50	32.00	31.00	30.00	30.00	29.50	26.00	30.50	33.50	35.50	33.50	20.92
1919	34.50	35.00	29.00	28.00	29.50	30.00	30.50	33.25	34.00	40.50	47.50	42.00	34.48
1920	38.50	40.50	34.00	32.00	31.50	29.00	26.00	24.00	24.50	23.00	21.50	22.00	28.88
1921	24.50	23.50	22.50	22.50	23.00	22.00	23.00	22.00	23.00	26.00	26.00	23.50	23.46
1922	24.00	20.50	20.50	22.50	23.00	21.00	21.00	21.00	22.50	21.50	22.00	23.00	21.88
1923	24.00	26.50	26.50	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	

Division of Statistical and Historical Research. Compiled from annual reports, Chicago Board of Trade.

TABLE 89.—*Hay, timothy No. 1: Average price per ton in carlots at Cincinnati, 1855-1923*

Year beginning July 1	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Av.
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1855													
1855	17.00	18.00	22.00	25.00	24.00	21.00	20.00	20.20	20.20	22.00	25.00	17.00	20.95
1856	16.00	16.00	16.00	14.00	14.00	14.00	12.00	13.00	13.00	13.50	14.00	14.00	14.12
1858	13.00	12.00	13.00	13.00	12.50	12.50	12.00	16.00	18.00	17.00	19.00	19.00	14.75
1859	18.00	16.00	17.50	17.00	16.50	20.00	24.00	19.00	18.00	19.00	18.00	16.00	18.25
1860	18.00	14.00	15.00	15.00	16.00	15.00	14.00	12.00	13.00	12.00	12.00	10.00	13.75
1861	10.00	9.00	9.00	10.00	10.00	12.50	12.00	12.00	12.00	12.00	15.00	12.00	11.29
1862	12.00	12.00	13.00	13.00	13.00	14.00	14.00	14.50	16.00	20.00	21.00	17.00	14.96
1863	20.00	22.00	23.00	30.00	20.00	28.00	28.00	28.00	28.00	26.00	28.00	26.00	26.33
1864	25.00	27.00	24.00	25.00	24.00	28.00	25.00	27.50	28.00	27.00	29.00	20.00	25.04
1865	23.00	16.00	14.00	14.00	11.00	11.00	11.00	11.00	11.00	11.00	12.00	13.00	13.17
1866	15.00	18.00	17.00	20.00	22.00	21.00	22.00	22.00	20.00	24.00	22.00	21.00	20.33
1867	14.00	14.00	14.00	20.00	17.00	16.00	16.00	14.00	14.00	15.00	15.00	12.00	15.00
1868	12.00	13.00	16.00	15.00	13.00	15.00	15.00	17.00	17.00	18.00	21.00	17.00	16.75
1869	17.00	16.00	17.50	18.00	17.00	17.00	17.00	18.00	18.00	16.00	16.00	17.00	17.12
1870	18.00	19.00	17.50	19.60	20.50	19.60	19.50	19.50	18.50	18.50	18.00	18.00	18.83
1871	19.00	16.00	18.50	18.50	20.50	19.50	21.50	19.50	19.00	24.00	23.00	23.00	20.17
1872	22.00	20.00	20.50	22.00	22.50	23.00	23.00	22.50	22.50	22.50	22.50	22.00	22.08
1873	22.00	22.00	18.00	19.00	16.00	15.00	15.00	13.00	15.00	15.00	18.00	19.00	17.25
1874	22.00	22.00	20.50	21.50	21.50	21.50	20.50	19.50	20.50	20.50	21.50	20.00	20.96
1875	17.50	24.00	19.50	20.00	19.00	17.00	18.00	16.00	16.00	18.00	18.00	18.00	18.42
1876	17.00	17.00	12.00	12.00	12.00	12.00	12.50	10.50	10.50	10.50	11.75	11.50	12.44
1877	11.75	12.50	10.50	10.50	10.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	10.19
1878	10.50	10.50	9.50	11.50	10.00	9.00	8.75	8.75	9.50	9.50	10.50	12.75	10.27
1879	12.75	14.50	13.75	14.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	15.46
1880	14.75	15.50	14.50	15.50	15.50	16.50	16.50	17.25	16.75	20.50	19.50	14.50	16.44
1881	13.50	15.50	19.50	19.25	18.75	18.25	18.50	15.25	16.75	18.00	17.50	16.50	17.27
1882	10.50	17.50	13.75	13.75	12.75	13.25	12.25	11.75	11.50	12.25	12.50	11.25	13.50
1883	12.50	11.75	10.75	11.75	10.25	10.25	11.00	10.25	11.75	13.75	14.25	11.50	11.73
1884	11.25	11.75	10.75	10.75	10.75	11.00	11.75	12.75	13.00	13.00	16.25	15.00	12.33
1885	13.50	14.00	12.25	12.75	12.50	12.75	12.75	12.75	12.25	12.25	12.25	12.75	12.56
1886	10.25	11.50	11.25	11.25	10.75	11.25	11.00	11.00	10.75	10.75	10.75	10.75	10.94
1887	11.25	13.25	13.75	14.00	13.25	13.75	13.75	14.25	13.75	14.75	15.75	16.00	13.96
1888	16.25	18.00	13.75	13.00	14.25	13.75	13.75	13.25	12.25	11.75	12.25	11.75	13.67
1889	11.25	11.25	11.25	10.50	10.50	10.50	10.50	10.50	10.00	10.75	11.25	11.25	10.79
1890	9.50	10.00	9.25	9.25	10.25	9.25	9.25	9.75	9.75	15.25	15.25	11.75	10.35
1891	11.75	12.00	9.75	10.25	10.25	11.25	11.25	11.25	11.50	11.50	12.00	12.50	11.27
1892	11.75	11.75	10.25	11.50	10.75	11.25	11.75	13.00	12.25	12.75	12.75	13.75	11.96
1893	13.00	12.75	12.50	12.75	11.25	12.25	11.75	11.75	11.25	11.25	11.25	11.25	11.94
1894	12.25	10.25	10.25	9.75	10.12	10.12	10.50	10.12	10.50	10.50	10.88	18.50	11.14
1895	15.50	12.50	13.88	14.25	14.38	14.12	14.38	14.25	13.62	14.75	14.25	12.00	13.99
1896	12.00	10.25	9.50	10.25	10.38	10.25	10.75	10.25	10.75	10.75	10.75	10.25	10.55
1897	0.75	9.25	8.62	8.75	8.50	8.75	9.00	8.38	8.38	8.75	10.88	9.00	9.00
1898	8.50	8.25	7.62	8.12	8.00	8.12	8.25	8.12	9.00	10.75	10.75	10.62	8.84
1899	9.25	10.25	9.75	11.25	11.88	12.00	13.75	13.75	13.88	14.50	14.75	14.25	12.44
1900	14.12	12.88	13.12	14.12	14.00	14.25	14.12	14.12	13.75	14.12	14.38	12.62	13.80
1901	13.75	12.75	13.12	13.12	12.88	13.75	13.38	13.12	13.00	13.50	13.88	12.88	13.22
1902	14.50	12.25	12.62	13.25	13.62	15.25	16.25	16.25	16.75	17.62	16.75	18.25	15.28
1903	17.00	13.00	12.75	12.75	12.62	12.75	12.75	13.38	13.62	13.75	15.38	13.12	13.57
1904	13.25	13.25	11.38	12.38	11.38	12.25	12.50	11.88	12.62	12.25	12.25	11.00	12.20
1905	11.88	10.25	11.75	12.38	13.25	12.25	12.88	11.25	12.75	14.62	14.62	12.15	15.50
1906	17.75	15.87	16.12	17.12	17.88	19.00	18.25	18.50	19.12	20.12	21.38	20.25	18.45
1907	17.62	17.75	17.12	17.62	16.62	15.25	15.50	15.00	15.12	14.88	14.12	11.38	15.66
1908	12.88	12.12	12.75	12.88	12.62	13.88	13.62	13.12	13.12	14.00	15.75	16.62	13.61
1909	16.38	14.25	14.75	15.12	15.50	16.12	19.00	18.12	19.25	18.75	18.62	18.88	17.06
1910	19.75	19.50	18.62	20.25	18.38	18.50	18.75	18.62	18.38	20.88	23.25	23.75	19.89
1911	20.75	21.62	21.00	22.25	22.88	23.50	25.25	24.25	25.88	30.75	30.25	21.75	24.18
1912	24.50	18.88	18.25	18.00	17.00	16.25	18.25	15.12	16.75	18.75	17.25	15.25	17.77
1913	19.00	18.50	19.75	20.75	19.00	18.88	19.62	18.50	18.50	20.00	20.35	18.50	19.28
1914	20.00	18.25	18.00	18.00	19.75	19.25	19.00	18.50	18.88	19.25	20.00	19.38	19.02
1915	21.50	17.00	16.50	19.50	18.62	19.00	20.25	20.50	20.00	20.25	23.00	21.00	19.76
1916	15.25	16.00	16.00	15.00	16.00	16.00	17.00	15.75	16.75	20.25	19.00	17.75	16.73
1917	17.75	20.25	23.00	26.25	29.50	29.82	29.75	33.75	34.00	27.50	23.00	19.38	26.15
1918	24.75	27.75	30.88	33.62	32.25	28.88	31.02	30.25	33.62	38.75	39.75	39.50	32.64
1919	38.50	32.75	28.75	29.12	29.25	32.75	34.50	36.25	37.38	41.82	43.50	39.50	36.32
1920	35.62	33.60	31.62	29.75	30.00	27.25	26.25	24.25	22.88	21.38	20.75	19.00	26.85
1921	20.00	21.00	19.75	19.75	19.50	20.50	20.75	19.75	21.38	23.25	23.75	21.12	20.88
1922	19.00	17.50	16.25	17.50	18.00	18.00	17.38	17.38	19.38	19.38	20.50	20.12	18.41
1923	20.75	21.75	22.75	24.25	24.12	24.50							

Division of Statistical and Historical Research. Compiled from annual reports of the Cincinnati Chamber of Commerce prior to 1921; subsequently from information furnished direct by the Cincinnati Chamber of Commerce.

Prior to September, 1868, average of range of quotations on Saturday nearest the 15th of the month; September, 1868-December, 1919, average of range of quotations on Tuesday nearest the 15th of the month; 1920-1923, average of monthly range. Quotations cover "Prime timothy" prior to September, 1861.

# Hay and Feed Statistics

77

TABLE 90.—*Hay, timothy No. 1: Average price per ton at St. Louis, July, 1909—December, 1924*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Average—1909-1913.	18.40	18.00	17.90	18.30	18.10	18.75	18.53	18.15	18.75	20.00	20.10	19.60	18.71
Average—1914-1920.	23.04	23.21	23.98	24.75	24.68	25.29	24.86	24.93	26.21	27.96	28.32	26.64	25.32
1909.	16.25	14.75	13.50	14.50	15.50	16.00	17.00	17.00	17.25	17.25	17.25	17.25	16.12
1910.	17.75	17.75	17.25	17.50	17.00	17.75	17.50	16.50	16.50	17.75	19.50	21.75	17.88
1911.	23.50	20.75	22.50	23.00	22.25	23.75	24.38	24.25	25.50	28.00	27.00	23.50	24.03
1912.	18.75	19.25	16.25	16.25	16.00	16.25	16.00	14.50	15.25	16.00	16.25	15.50	16.35
1913.	15.75	17.50	20.00	20.25	19.75	20.00	17.75	18.50	19.25	21.00	20.50	20.00	19.19
1914.	19.25	19.25	18.75	18.75	18.50	18.50	18.25	18.50	19.75	19.50	20.25	18.75	19.00
1915.	18.25	17.50	15.75	15.50	15.50	16.50	17.50	16.75	17.50	18.50	19.00	18.00	17.19
1916.	13.00	13.75	15.12	15.50	16.25	17.00	16.25	16.25	18.25	21.00	21.25	19.75	16.95
1917.	18.25	21.25	22.75	27.00	29.00	30.75	30.50	32.00	30.50	26.50	24.25	22.50	20.27
1918.	24.00	23.50	29.00	32.50	30.50	31.25	32.50	30.00	34.50	37.50	40.00	39.50	32.06
1919.	34.50	33.75	32.50	31.50	31.00	32.00	32.00	35.00	37.00	47.00	48.50	44.00	36.56
1920.	34.00	33.50	34.00	32.50	32.00	31.00	27.00	26.00	26.00	25.75	25.00	24.00	29.28
1921.	22.00	23.00	22.50	22.50	22.00	21.75	21.50	20.50	23.50	25.00	25.50	24.00	22.81
1922.	22.00	20.00	19.50	21.00	21.00	20.25	20.00	19.50	22.00	22.00	24.00	24.00	21.27
1923.	22.00	21.75	24.00	25.50	25.25	26.50	25.76	24.00	25.47	26.00	25.03	24.73	24.74
1924.	25.50	20.93	24.07	23.57	22.81	23.67							

Division of Statistical and Historical Research. Compiled from annual reports of the Merchants Exchange of St. Louis, 1909-1923; from St. Louis Daily Market Reporter, 1924.

TABLE 91.—*Hay, timothy No. 1: Average price per ton at 10 markets, January, 1920—December, 1924*

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.												
1920.	44.00	45.00	41.60	37.50	37.10	36.30	33.40	29.50	29.00	29.00	30.00	29.00
1921.	30.50	31.20	27.80	29.00	27.80	29.00	29.00	28.40	27.50	29.20	32.25	31.75
1922.	30.50	28.50	25.90	25.60	25.75	25.10	26.00	26.50	25.80	25.80	25.90	27.00
1923.	25.60	27.70	28.10	28.40	29.10	29.60	29.50	28.25	27.90	29.40	30.70	31.50
1924.	31.60	30.00	28.00	27.60	26.50	26.50						

## CHICAGO

1919.												
1920.	38.40	40.10	33.80	32.20	32.00	28.40	26.90	24.40	25.30	23.80	21.90	22.50
1921.	24.40	24.00	24.20	22.60	22.90	21.90	22.50	22.00	24.00	26.40	26.50	24.75
1922.	23.20	21.50	20.80	22.00	22.50	21.40	21.75	21.50	23.00	23.00	23.10	24.00
1923.	24.00	25.20	26.60	26.50	26.80	27.10	27.40	26.75	26.20	27.00	26.60	26.40
1924.	26.50	26.80	25.25	23.60	23.60	23.50						

## CINCINNATI

1919.												
1920.	36.70	35.40	32.80	30.10	30.20	28.00	34.40	36.50	38.00	41.70	44.00	42.60
1921.	20.40	20.90	19.70	19.80	19.90	20.20	20.60	20.00	20.90	23.30	21.30	19.10
1922.	19.10	17.40	16.90	17.40	18.10	18.20	17.75	17.00	19.60	20.25	20.60	20.20
1923.	21.10	22.10	22.75	25.50	24.30	24.40	25.60	24.00	24.40	25.50	24.00	23.70
1924.	24.10	18.80	19.50	18.75	19.10	19.00						

## KANSAS CITY

1919.												
1920.	27.30	28.10	27.40	22.60	24.40	23.50	22.50	20.20	19.80	19.30	19.30	19.30
1921.	12.80	13.20	14.10	14.20	13.90	13.90	14.00	14.00	14.90	17.40	18.80	18.60
1922.	15.25	14.40	15.60	15.40	15.60	16.25	15.90	15.90	17.30	19.60	19.90	20.20
1923.	15.80	14.10	16.40	17.50	18.40	18.60	19.80	20.25	20.00	20.25	19.50	19.90
1924.	16.40	15.70	16.10	16.50	16.40	16.20						

TABLE 91.—*Hay, timothy No. 1: Average price per ton at 10 markets, January, 1920—December, 1924—Continued*

## MEMPHIS

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							35.00	36.80	38.00	43.50	44.40	45.80
1920	36.30	35.80	33.20	31.80	33.10	31.60	30.30	28.30	27.00	27.30	26.00	27.10
1921	23.50	22.90	22.80	23.60	23.20	23.10	23.40	22.00	22.75	25.40	27.30	24.90
1922	21.70	20.40	21.10	21.40	21.10	22.10	22.60	22.25	23.00	25.10	24.25	26.25
1923	23.75	23.00	25.75	25.00	25.70	27.00	28.00	26.80	27.60	28.10	27.00	27.00
1924	24.60	23.00	24.00	23.80	23.40	24.00						

## MINNEAPOLIS

1919							27.40	27.60	27.90	33.00	36.50	32.20
1920	26.20	27.70	28.20	25.30	23.80	21.00	20.60	19.90	19.30	19.40	19.00	
1921	17.60	18.90	19.00	18.80	18.30	18.50	18.25	18.25	18.75	21.80	22.25	21.10
1922	18.30	17.25	17.90	18.00	17.90	16.80	16.40	16.10	16.50	17.10	17.75	17.40
1923	17.75	18.75	20.25	19.75	19.60	18.75	19.90	19.40	18.70	19.40	19.40	20.00
1924	19.00	18.60	19.75	19.25	17.70	18.10						

## NEW YORK

1919										61.50	58.60	49.10
1920	45.50	43.40	46.00	40.10	40.20	38.50	34.50	31.10	30.80	30.40	29.20	28.90
1921	31.10	31.50	28.10	29.80	26.80	29.20	28.90	28.00	28.40	30.90	32.25	31.00
1922	30.90	30.10	25.10	26.40	26.25	26.20	24.40	26.00	28.00	26.75	26.40	26.50
1923	27.25	30.40	29.25	29.90	20.90	30.10	30.60	29.75	30.00	30.75	31.20	31.25
1924	30.75	30.20	28.25	27.10	26.90	26.60						

## PHILADELPHIA

1919							36.30	42.10	44.00	42.30	45.50	44.20
1920	42.30	35.80	33.00	33.50	31.10	29.00	27.00	24.60	25.20	24.60	23.40	23.00
1921	25.70	24.90	23.50	23.40	23.00	22.90	23.10	23.75	23.50	23.90	25.10	23.90
1922	23.20	21.00	20.00	21.25	21.90	21.70	23.00	22.90	23.00	23.00	23.00	23.40
1923	24.60	27.40	28.75	28.00	28.70	28.90	29.00	28.25	28.00	28.25	30.60	29.25
1924	27.00											

## PITTSBURGH

1920	34.00			32.80	31.40	29.00	27.80	24.70	24.10	23.90	22.50	21.20
1921	22.10	22.10	21.40	22.50	21.00	21.70	22.75	22.10	23.40	24.10	25.10	24.40
1922	23.20	19.90	19.10	20.00	19.50	19.20	19.50	19.60	21.20	20.75	21.50	21.75
1923	22.50	25.30	24.75	26.50	26.30	26.50	27.00	26.10	26.30	27.10	26.75	26.40
1924	25.10	21.25	21.50	21.60	21.00	20.80						

## ST. LOUIS

1919							31.70	34.50	36.50	46.50	47.80	45.20
1920	41.10	36.90	33.00	32.90	32.50	31.00	27.00	26.30	25.60	25.90	25.00	23.60
1921	20.50	23.50	23.20	22.90	21.90	21.70	20.75	20.50		25.50	25.50	23.40
1922	22.75	20.10	19.20	21.50	20.75	20.50	20.50	19.30	21.30	22.75	23.75	24.20
1923	21.40	22.20	24.40	26.40	24.70	26.60	26.00	24.60	25.60	26.40	25.20	24.00
1924	23.60	22.60	24.90	24.25	23.00	24.10						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 92.—*Hay, timothy No. 2: Average price per ton at 26 markets, July, 1923—June, 1924*

Market	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Atlanta <sup>1</sup>	24.00	24.90	27.10	27.60	27.60	29.25	29.80	28.00	29.10	30.25	29.50	28.90
Baltimore <sup>2</sup>	22.25	25.30	26.00	26.50	26.60	26.10	26.50	26.50	27.20	26.60	28.20	28.40
Boston <sup>1</sup>	22.75	25.70	25.60	24.75	25.30	25.50	25.50	24.90	24.70	25.10	26.10	26.40
Buffalo <sup>3</sup>	16.75	18.25	20.00	21.00	18.50	20.00	18.50	18.50	20.50	20.00	21.75	21.75
Chicago <sup>1</sup>	20.50	22.40	24.25	24.10	24.40	24.25	25.00	22.90	22.30	23.50	23.00	22.50
Cincinnati <sup>1</sup>	20.00	20.70	21.75	23.75	23.40	23.40	24.60	23.00	23.30	24.40	23.00	22.40
Cleveland <sup>3</sup>	20.75	23.25	23.00	24.00	25.00	24.00	25.00	24.00	24.50	24.50	24.50	24.50
Detroit <sup>2</sup>	16.60	18.00	18.50	20.25	20.75	20.90	22.20	21.60	22.00	21.50	21.50	21.80
Duluth <sup>2</sup>	13.50	14.50	16.00	16.40	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
Indianapolis <sup>3</sup>	19.25	19.75	21.75	22.25	22.75	23.25	22.75	22.75	22.75	22.75	22.75	20.75
Kansas City <sup>1</sup>	13.60	11.90	13.50	14.50	14.75	16.25	16.30	17.60	17.25	18.40	16.75	16.30
Louisville <sup>3</sup>	20.00	19.00	21.50	23.00	23.50	25.00	24.00	24.00	23.25	23.25	21.75	21.75
Memphis <sup>1</sup>	21.75	21.00	22.50	21.75	23.40	24.10	25.50	22.90	24.80	25.25	24.00	24.20
Milwaukee <sup>3</sup>	14.75	20.50	21.50	20.00	22.00	20.50	22.00	21.50	20.00	19.00	21.00	21.00
Minneapolis <sup>1</sup>	16.60	17.50	18.90	18.75	18.30	17.60	18.50	17.90	17.10	17.75	17.80	18.25
New Orleans <sup>1</sup>	24.00	23.20	24.10	26.20	26.60	27.75	28.40	27.00	27.90	28.60	27.50	27.70
New York <sup>1</sup>	24.80	28.30	27.25	27.90	27.80	28.25	28.10	27.40	27.70	28.40	29.00	29.10
Philadelphia <sup>1</sup>	23.10	26.30	26.90	26.50	26.90	27.75	27.75	27.25	27.00	27.25	28.80	27.75
Pittsburgh <sup>1</sup>	20.25	23.30	22.60	24.60	24.40	24.50	25.00	24.00	24.20	25.10	24.75	23.90
Providence <sup>2</sup>	22.20	24.80	25.75	25.00	27.80	26.50	27.25	27.50	26.90	27.40	27.20	26.40
Richmond <sup>1</sup>	22.50	24.90	26.50	26.25	27.80	26.50	27.25	27.50	26.90	27.40	27.20	26.40
St. Joseph <sup>3</sup>	14.25	11.75	16.25	15.25	16.50	17.50	17.50	16.25	16.50	16.00	16.50	16.00
St. Louis <sup>1</sup>	18.00	19.70	19.10	21.25	19.80	22.90	21.90	20.40	21.75	22.25	20.50	21.10
St. Paul <sup>2</sup>	16.10	18.10	18.00	18.50	17.50	16.70	18.25	17.20	16.25	16.50	17.30	17.30
Savannah <sup>1</sup>	25.50	25.20	27.40	28.00	30.10	31.25	31.25	30.50	30.10	30.75	30.20	30.00
Winnipeg <sup>3</sup>			17.00	15.50	15.50	15.50	15.50	14.50	14.50	14.50	18.50	18.50

Division of Statistical and Historical Research.

<sup>1</sup> Compiled from quotations of the Hay, Feed, and Seed Division.

<sup>2</sup> Compiled from quotations of the Hay Trade Journal.

<sup>3</sup> Compiled from quotations of the National Hay Press.

TABLE 93.—*Hay, timothy, No. 2: Average price per ton at 10 markets, January, 1920—December, 1924*

BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919	30.00	35.50										42.00
1920	39.50	39.00	36.00	33.20	33.40	32.00	30.90	26.50	25.00	24.50	26.00	26.00
1921	27.20	28.40	25.50	26.20	25.40	26.70	26.60	26.00	24.50	26.20	29.80	28.00
1922	26.30	25.40	22.00	23.75	24.10	23.10	24.10	24.90	23.60	23.40	23.10	23.70
1923	22.75	25.70	25.60	24.75	25.30	25.50	25.50	24.90	24.70	25.10	26.10	26.40
1924	27.00	26.80	25.10	24.90	24.50	24.50						

CHICAGO

1919							30.60	31.80	31.20	40.20	43.00	36.60
1920	30.50	34.50	28.20	26.60	28.20	24.80	22.40	28.10	23.00			
1921	17.50	18.80	19.20	19.10	21.00	19.60	19.10	18.90	21.25	23.80	24.00	21.00
1922	19.90	18.00	17.20	18.00	19.00	17.30	18.00	17.50	19.00	19.00	18.25	20.50
1923	20.50	22.40	24.25	24.10	24.40	24.25	25.00	22.90	22.30	23.50	23.00	22.50
1924	23.00	23.30	20.90	19.50	19.50	19.40						

CINCINNATI

1919							33.50	35.50	36.80	40.80	42.80	39.40
1920	34.10	32.90	30.40	28.40	28.80	25.80	24.60	21.70	21.50	20.20	20.80	17.60
1921	18.20	18.60	17.00	18.30	18.00	18.70	18.75	18.60	19.75	22.30	22.75	20.10
1922	17.25	16.00	15.20	16.00	17.00	16.90	16.40	16.60	18.50	19.00	19.40	19.00
1923	20.00	20.70	21.75	23.75	23.40	23.40	24.60	23.00	23.30	24.40	23.00	22.40
1924	22.50	17.30	18.00	17.25	17.50	17.80						

TABLE 93.—*Hay, timothy, No. 2: Average price per ton at 10 markets, January, 1920—December, 1924—Continued*

## KANSAS CITY

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	23.20	23.90	23.00	18.70	19.70	18.90	17.60	15.70	16.40	15.60	15.30	15.50
1921	10.60	11.00	11.40	11.70	10.80	11.00	11.00	10.80	12.10	14.90	15.70	14.60
1922	11.75	11.25	13.20	12.75	12.75	13.90	13.25	13.00	15.40	18.70	18.00	18.40
1923	13.60	11.90	13.50	14.50	14.75	16.25	16.30	17.60	17.25	18.40	16.75	16.30
1924	14.10	12.80	14.20	14.40	14.20	14.25	—	—	—	—	—	—

## MEMPHIS

1919												
1920	32.80	33.60	31.50	28.50	30.10	28.40	33.00	34.50	36.20	42.20	42.50	43.00
1921	20.80	19.80	18.80	19.60	20.00	20.40	20.40	19.40	20.10	23.80	24.25	22.25
1922	19.70	18.25	19.10	19.90	19.50	20.75	21.30	20.75	22.30	23.60	22.75	25.10
1923	21.75	21.00	22.50	21.75	23.40	24.10	25.50	22.90	24.80	25.25	24.00	24.20
1924	22.10	20.25	21.60	21.25	20.40	21.75	—	—	—	—	—	—

## MINNEAPOLIS

1919												
1920	24.50	28.00	25.20	22.90	21.50	18.40	18.70	17.80	17.10	17.50	17.60	17.10
1921	15.60	17.70	17.70	17.70	18.80	18.30	18.40	18.90	18.00	19.60	19.75	18.90
1922	17.00	16.00	16.50	16.75	16.90	15.50	15.00	14.90	15.10	16.00	16.50	16.25
1923	16.60	17.50	18.90	18.75	18.30	17.60	18.50	17.90	17.10	17.75	17.80	18.25
1924	17.30	16.80	18.60	18.25	16.50	16.90	—	—	—	—	—	—

## NEW YORK

1919												
1920	41.20	39.90	44.40	37.70	37.50	36.10	31.50	28.80	28.00	28.20	54.20	46.40
1921	29.20	28.90	26.20	28.20	24.90	27.30	26.90	23.60	26.50	28.60	27.00	28.50
1922	28.30	27.60	23.10	24.90	24.10	24.30	22.40	24.00	26.30	24.90	24.10	24.00
1923	24.60	28.30	27.25	27.90	27.80	28.25	28.10	27.40	27.70	28.40	29.00	29.10
1924	29.10	27.90	25.90	24.75	24.60	25.00	—	—	—	—	—	—

## PHILADELPHIA

1919												
1920	30.90	33.40	31.10	31.50	29.50	27.60	25.00	23.40	23.00	22.30	20.80	21.10
1921	23.90	23.00	21.50	21.20	21.00	20.40	21.50	22.10	22.00	22.20	24.00	21.25
1922	21.70	19.40	18.20	19.90	20.60	20.20	21.75	21.00	21.00	21.50	21.40	21.90
1923	23.10	26.30	26.90	26.50	26.90	27.75	27.75	27.25	27.00	27.25	28.80	27.75
1924	26.00	24.50	19.00	19.25	20.00	20.00	—	—	—	—	—	—

## PITTSBURGH

1920	30.00	18.20	18.10	28.90	27.50	25.20	23.00	20.20	19.90	19.80	18.00	15.70
1921	17.50	18.20	18.90	18.30	18.20	18.50	18.60	18.40	20.40	21.60	22.00	20.25
1922	18.40	17.40	15.90	17.00	16.75	16.60	16.75	16.60	18.40	17.75	18.90	18.75
1923	20.25	23.30	22.60	24.60	24.40	24.50	25.00	24.00	24.20	25.10	24.75	23.90
1924	22.25	18.30	17.20	17.75	17.40	17.30	—	—	—	—	—	—

## ST. LOUIS

1919												
1920	31.30	31.50	25.00	27.00	26.00	25.20	21.80	21.30	19.40	20.60	21.00	19.50
1921	18.20	18.00	17.30	18.30	17.80	17.70	16.75	16.00	19.80	22.25	21.20	18.90
1922	15.00	15.60	15.00	16.00	16.00	16.60	16.90	16.00	17.50	18.70	18.90	20.25
1923	18.00	19.70	19.10	21.75	19.80	22.90	21.00	20.40	21.75	22.25	20.50	21.10
1924	18.75	18.80	18.80	17.90	18.00	18.80	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 94.—*Hay and straw: Average price per ton at Baltimore, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Clover No. 1.....	16.00	17.00	17.00	22.80	24.50	24.60	24.75	24.75	26.10	26.40		
Clover No. 1 light mixed.....	19.90	22.00	22.00	25.60	25.40	24.60	25.60	25.75	26.50	26.25	27.60	27.40
Clover No. 2 light mixed.....	18.50	19.50	19.50	23.75	24.10	22.50	22.50	24.00	24.00	24.00	25.50	25.50
Clover heavy mixed.....	17.00	18.50	18.50	23.80	24.60	24.00						
Clover No. 1 mixed.....							25.00	25.25	25.60	25.60	27.00	26.90
Timothy No. 1.....	23.90	27.10	27.20	27.30	27.60	27.40	27.75	27.75	28.20	27.60	28.80	29.20
Timothy No. 2.....	22.25	25.30	26.00	26.50	26.60	26.10	26.50	26.50	27.20	26.60	28.20	28.40
Timothy No. 3.....	19.25	22.90	23.75	24.10	24.20	23.80	24.00	24.00	24.75	23.60	25.90	26.50
Oat straw.....	14.25	13.50	13.50	14.25	14.50	14.50	15.25	17.50	17.50	17.80	17.40	16.75
Rye straw tangled.....	15.60	15.50	15.50	15.50	15.50	15.50	15.50	16.70	18.60	19.00	19.00	19.00
Wheat straw.....	12.00	12.25	12.60	13.30	13.50	13.50	14.10	16.10	17.75	18.25	17.80	17.25

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

TABLE 95.—*Hay and straw: Average price per ton at Detroit, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa No. 1.....	15.90	17.10	18.00	20.00	20.70	20.20	21.70	21.70	21.20	21.00	20.70	20.70
Clover No. 1.....	14.50	15.50	16.80	19.00	19.50	20.50	21.80	21.30	21.20	21.50	20.50	19.80
Clover light mixed.....	17.75	19.20	19.75	21.25	21.75	22.10	23.40	22.75	23.10	22.75	22.75	23.10
Clover No. 1 mixed.....	16.25	17.50	17.50	19.00	20.20	20.50	21.80	21.30	21.50	21.50	21.00	20.70
Timothy No. 1.....	18.50	20.20	20.75	22.25	22.75	22.90	24.25	23.75	24.10	23.75	23.75	24.10
Timothy standard.....	17.75	19.20	19.75	21.25	21.75	22.10	23.40	22.75	23.10	22.75	22.75	23.10
Timothy No. 2.....	16.60	18.00	18.50	20.25	20.75	20.90	22.20	21.60	22.00	21.50	21.50	21.80
Timothy No. 3.....	13.00	14.40	15.00	16.00	16.30	16.80	18.00	18.00	18.20	19.00	17.70	18.00
Rye straw tangled.....	11.75	11.75	11.75	12.75	13.25	12.75	12.75	12.75	13.60	14.25	13.50	13.50
Wheat straw.....	10.75	11.00	10.90	11.75	11.75	11.75	11.75	11.75	12.25	12.25	12.10	12.00

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

TABLE 96.—*Hay and straw: Average price per ton at Duluth, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Prairie upland No. 1.....	15.50	16.50	18.00	17.70	16.25	15.50	15.50	15.50	15.50	15.50	15.50	15.50
Prairie upland No. 2.....	12.50	13.90	16.00	15.60	14.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50
Prairie upland No. 3.....	10.00	10.80	12.00	12.25	11.90	11.50	11.50	11.50	11.50	11.50	11.50	11.50
Prairie midland No. 1.....	10.00	10.80	12.00	12.00	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50
Prairie midland No. 2.....	8.50	8.70	9.00	9.00	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
Timothy No. 1.....	16.50	17.10	18.00	18.10	18.30	17.50	17.50	17.50	17.50	17.50	17.50	17.50
Timothy No. 2.....	13.50	14.50	16.00	16.40	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
Timothy No. 1 mixed.....	15.50	16.10	17.00	17.10	17.40	17.50	17.50	17.50	17.50	17.50	17.50	17.50
Timothy No. 2 mixed.....	11.50	12.50	14.00	14.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
Oat straw.....	8.00	9.00	12.00	10.20	7.75	7.75	7.75	7.75	7.75	7.75	7.75	8.25
Rye straw.....	8.75	8.80	9.00	9.00	8.75	8.75	8.75	8.75	8.75	8.75	8.75	8.75

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

TABLE 97.—*Hay: Average price per ton at Kansas City, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Weighted av.
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa:													
Selected dairy.	22.50	24.75	25.70	28.08	28.03	28.50	28.47	29.00	28.38	29.72	28.50	27.75	
Choice.....	20.25	22.64	24.28	26.52	20.44	20.56	26.52	26.10	20.03	28.00	26.38	20.30	25.41
No. 1.....	18.08	20.85	22.76	24.81	24.83	24.47	25.30	23.49	24.08	26.13	24.46	18.05	23.65
Standard.....	17.22	18.56	20.17	22.84	22.39	22.32	22.08	20.54	21.30	22.04	20.38	18.37	21.43
No. 2.....	14.55	15.42	17.27	18.99	18.38	18.42	19.73	16.48	16.08	16.30	15.94	13.46	17.22
No. 3.....	—	13.73	14.16	16.73	15.39	15.58	16.22	12.64	13.15	12.90	11.54	10.70	13.06
Clover:													
Light mixed.....	—	15.50	15.00	17.50	17.83	17.50	19.72	20.12	10.50	19.50	19.17	—	18.62
Mixed No. 1.....	14.29	13.25	15.00	—	17.00	18.50	18.00	19.00	18.00	18.08	17.00	17.00	16.49
Mixed No. 2.....	12.07	10.50	12.38	14.00	—	—	—	—	15.75	15.88	—	15.60	13.45
Prairie:													
No. 1.....	11.82	11.49	13.98	14.74	14.68	14.74	14.78	14.51	14.78	14.48	13.92	12.48	14.05
No. 2.....	10.76	10.53	12.31	13.73	13.62	13.54	13.45	12.98	12.80	12.99	12.35	11.42	12.49
No. 3.....	8.98	9.57	10.59	10.55	11.08	10.89	11.28	11.07	10.86	10.90	0.77	0.07	10.45
Timothy:													
Choice.....	—	—	—	—	19.50	20.00	21.00	—	—	20.50	—	—	20.19
No. 1.....	15.50	14.30	16.13	17.66	18.00	18.42	19.32	20.02	19.81	19.92	19.74	19.33	18.45
Standard.....	14.58	13.51	14.83	16.04	16.60	16.55	18.15	19.31	18.48	19.26	18.18	18.04	17.02
No. 2.....	12.87	11.40	13.78	14.76	15.20	15.30	16.09	17.50	17.10	17.73	16.75	16.12	15.73
No. 3.....	12.49	9.31	11.70	13.30	11.83	—	12.79	14.21	14.50	14.71	13.62	12.18	12.82

Division of Statistical and Historical Research. Compiled from Kansas City Grain Market Review. Average of daily prices weighted by carlot sales.

TABLE 98.—*Hay and straw: Average price per ton at Omaha, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa, choice.....	18.00	19.10	21.00	21.75	22.50	22.50	22.00	22.30	21.50	22.10	20.50	20.50
Alfalfa, No. 1.....	16.25	17.10	19.00	19.75	20.50	20.50	20.00	20.30	19.50	20.10	18.50	18.50
Alfalfa, standard.....	14.00	15.60	17.50	18.30	19.00	18.60	17.00	17.30	16.50	16.25	15.50	15.50
Alfalfa, No. 2.....	12.25	13.50	15.00	15.80	16.50	15.75	13.75	13.80	13.20	12.90	12.20	12.20
Alfalfa, No. 3.....	10.00	11.00	11.00	11.20	12.10	13.00	12.25	12.10	11.00	10.50	9.70	10.00
Prairie, No. 1 lowland.....	8.50	7.50	9.00	9.50	9.50	9.50	9.50	9.75	9.90	9.50	8.50	8.50
Prairie, No. 2 lowland.....	7.50	6.50	6.50	6.50	6.50	6.50	6.75	7.00	7.00	7.00	7.00	7.00
Prairie, No. 1 midland.....	13.25	11.85	13.75	14.40	13.50	13.50	13.50	12.80	12.25	12.90	11.70	12.00
Prairie, No. 2 midland.....	10.75	9.80	12.10	12.70	11.00	11.00	11.25	10.60	10.60	10.90	9.50	9.50
Prairie, No. 3 midland.....	8.25	6.90	7.50	7.50	6.70	7.00	7.25	7.00	7.75	7.00	7.50	7.00
Prairie, No. 1 upland.....	14.25	13.10	14.75	15.40	15.00	14.60	14.50	13.60	13.20	13.70	12.80	13.00
Prairie, No. 2 upland.....	11.60	10.60	12.50	13.10	11.50	11.50	12.10	11.50	11.00	11.40	10.20	10.50
Prairie, No. 3 upland.....	8.75	8.20	8.50	8.50	7.00	8.00	8.25	7.90	7.60	8.00	7.50	7.50
Oat straw.....	8.10	7.60	8.00	8.20	8.50	8.50	8.50	8.50	8.00	8.00	8.50	8.50
Wheat straw.....	7.10	6.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.70	7.50	7.50
Packing hay.....	—	—	—	—	—	—	—	6.25	6.50	6.50	6.50	6.50

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

TABLE 99.—*Hay and straw: Average price per ton at Pittsburgh, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Clover, No. 1.....	17.40	20.00	22.00	25.25	25.90	25.50	26.75	26.10	26.00	26.40	24.60	26.25
Clover, No. 1 mixed.....	19.10	22.00	23.25	25.25	26.10	25.50	26.75	26.10	26.00	26.40	25.00	26.25
Clover, No. 1 light mixed.....	19.50	22.80	23.25	25.25	25.70	25.60	26.25	25.10	26.10	26.40	25.25	26.25
Timothy, No. 1.....	22.50	25.80	24.75	26.50	26.30	26.60	27.00	26.10	26.30	27.10	26.75	27.25
Timothy, No. 2.....	20.25	23.30	22.60	24.60	24.40	24.50	25.00	24.00	24.20	25.10	24.75	25.00
Oat straw.....	12.40	12.90	12.25	13.75	14.00	14.25	14.75	15.26	15.25	15.50	16.25	16.25
Rye straw.....	12.40	13.10	12.75	13.75	14.60	14.75	15.25	15.75	15.75	15.90	16.25	16.25
Wheat straw.....	12.40	13.10	12.60	14.25	14.26	14.50	14.75	15.25	15.25	15.50	16.25	16.25

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

TABLE 100.—*Hay: Average price per ton at Richmond, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Clover, No. 1.....	21.00	21.80	23.00	25.70	27.50	28.50	29.00	29.00	28.25	28.00	28.00	-----
Clover, No. 2.....	19.00	10.80	21.00	23.00	24.50	25.80	26.00	25.00	25.25	25.30	25.00	25.00
Clover, sample.....		17.00	19.00	19.00	20.30	20.00	20.50				20.30	21.00
Clover, No. 1 light mixed.....	24.00	24.80	26.00	27.30	28.50	28.20	28.20	29.00	28.25	28.00	28.30	28.00
Clover, No. 2 light mixed.....	22.50	23.30	24.50	25.80	27.00	26.30	26.00	26.50	26.25	26.00	26.30	25.50
Clover, No. 1 heavy mixed.....	22.00	22.80	24.00	26.00	27.50	28.00	28.00	28.00	27.60	27.50	27.50	27.00
Clover, No. 2 heavy mixed.....	20.00	20.80	22.00	23.30	24.50	25.50	25.00	25.50	25.25	25.00	25.00	24.00
Timothy, No. 1.....	25.00	25.80	27.00	27.70	29.50	29.00	29.00	29.00	29.10	29.00	29.30	29.00
Timothy, No. 2.....	23.00	23.80	25.00	26.30	27.50	27.70	27.50	28.00	27.60	27.50	27.80	27.00
Timothy, No. 3.....	20.00	20.80	22.00	24.00	25.50	25.30	25.00	25.00	25.00	25.00	25.60	25.00

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

TABLE 101.—*Hay: Average price per ton at St. Louis, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa, No. 1.....	26.00		28.25	28.10	25.25	31.75	29.00	28.40	26.60	30.00	30.00	27.30
Alfalfa, standard.....			25.00	25.00	24.00	27.00	26.00	26.50	21.60	28.00	28.00	28.00
Alfalfa, No. 2.....	17.30		20.60	22.50	21.00	22.00	22.60	21.60	20.25	21.00	21.30	21.70
Alfalfa, No. 3.....		17.00			18.00	18.50	20.00	18.80	16.90	18.25	17.00	17.00
Clover, No. 1.....	22.00	22.50	25.75	25.50	25.50	27.50	26.90	26.80	28.00	26.50	24.30	23.00
Clover, No. 2.....			21.75	23.00	23.00	24.50	22.00	23.00	21.50	21.00	21.00	19.75
Clover, No. 3.....						20.00	18.50	17.50	17.50	17.50	17.50	17.50
Clover, No. 1 mixed.....	22.00	10.20	21.70	23.20	23.20	23.75	22.70	23.00	23.00	23.00	21.80	21.30
Clover, No. 2 mixed.....	19.00	19.80	19.00	20.60	21.10	22.00	20.90	19.70	19.90	22.70	21.10	20.70
Clover, No. 1 light mixed.....	24.50		23.30	23.60	22.50	24.75	24.25	23.40	23.00	24.00	21.50	21.70
Clover, No. 1 heavy mixed.....	20.00		20.20	22.00	22.50	25.00	23.75	22.00	22.00	21.75	21.00	21.00
Prairie, No. 1.....	15.80	16.00	16.25	18.40	18.75	20.25	19.50	19.50	19.50	19.50	18.75	17.30
Prairie, No. 2.....	14.00	14.40	14.70	18.00	16.80	17.60	17.40	17.50	17.60	17.50	17.30	17.50
Prairie, No. 3.....		11.50	14.00	14.20	15.00	15.00	15.00	15.40	15.40	15.40	13.90	14.40
Timothy, No. 1.....	25.00	24.50	23.90	26.00	25.00	26.75	26.25	25.60	25.90	26.75	25.70	25.20
Timothy, standard.....	24.60	21.00	21.60	23.40	22.80	24.10	24.00	23.00	23.50	24.00	23.80	23.30
Timothy, No. 2.....	22.00	18.75	18.50	20.40	20.00	21.90	21.80	20.00	21.20	22.40	20.60	20.50
Timothy, No. 3.....	10.70	15.40	15.90	17.50	16.90	16.75	17.75	17.75	18.60	19.60	17.95	17.80

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

TABLE 102.—*Hay and straw: Average price per ton at St. Paul, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa, No. 1.....	22.25	25.00	25.00	23.50	22.70	22.80	22.60	23.40	22.00	23.00	22.70	-----
Alfalfa, standard.....	20.00	23.00	22.25	21.00	19.40	19.00	20.90	20.30	17.90	18.75	19.70	-----
Alfalfa, No. 2.....	16.75	17.20	17.00	17.25	15.90	14.70	15.50	15.70	14.60	16.25	15.70	-----
Alfalfa, No. 3.....	11.25	11.00	12.00	12.50	10.80	10.70	12.50	14.00				
Clover, No. 1.....	14.00	19.20	19.75	18.75	18.50	18.00	19.25	17.40	16.25	16.75	16.70	-----
Clover, No. 2.....	10.25	14.00	14.00	13.75	14.00	11.00	13.50	12.40	11.00	11.25	12.70	-----
Clover, No. 1 mixed.....	14.50	17.50	18.00	17.75	16.80	15.70	18.10	16.40	16.00	16.40	17.20	-----
Clover, No. 2 mixed.....	11.25	12.00	13.50	13.75	12.80	10.70	13.40	12.20	11.00	11.75	13.00	-----
Prairie, upland No. 1.....	16.40	17.30	17.50	17.25	16.90	16.30	17.60	16.00	16.60	16.80	18.20	-----
Prairie, upland No. 2.....	14.90	15.50	16.10	15.40	15.20	14.50	16.25	14.80	14.50	15.00	16.20	-----
Prairie, upland No. 3.....	11.50	13.30	14.10	13.50	12.00	11.25	13.25	11.30	10.25	10.60	13.30	-----
Prairie, upland sample.....	7.75	8.25	8.60	8.25	7.80	7.70	8.25	9.00				
Prairie, midland No. 1.....	12.00	13.60	13.75	13.00	12.00	11.00	13.50	11.00	10.25	10.75	13.70	-----
Prairie, midland No. 2.....	8.50	10.00	10.75	9.10	8.60	8.50	9.10	8.00	6.90	8.12	9.30	-----
Prairie, midland No. 3.....	5.75	7.00	7.00	6.75	7.00	7.00	7.00					
Timothy, No. 1.....	17.40	19.50	20.00	19.50	19.10	18.50	19.90	18.80	17.90	18.60	19.00	-----
Timothy, No. 2.....	16.10	18.10	19.00	18.50	17.50	16.70	18.25	17.20	16.25	16.50	17.30	-----
Timothy, No. 3.....	10.60	13.00	14.50	14.25	12.80	12.00	13.25	11.80	10.75	11.75	12.70	-----
Packing hay.....	5.75	6.60	6.75	6.00	7.00	6.80	7.00	6.80	5.50	5.70	5.60	-----
Oat straw.....	7.75	8.00	8.40	8.00	8.10	7.50	8.10	7.00	7.00	7.50	8.00	-----
Rye straw.....	7.50	7.80	7.10	7.40	8.10	7.00	7.90	7.60	7.10	7.25	8.20	-----
Wheat straw.....	6.90	7.00	7.00	7.00	7.60	6.60	6.90	6.10	6.50	7.30		

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

<sup>1</sup> Not reported.

TABLE 103.—*Hay and straw: Average price per ton at San Francisco, July, 1923–June, 1924*

Grade	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa	15.50	15.50	15.50	16.00	21.00	22.00			20.50	22.20	21.50	21.00
Oat tame	14.50	14.50	14.40	16.00	21.00	21.50	21.50		20.50	22.20	22.50	22.50
Oat and barley, wild	13.00	13.00	13.00	14.70	15.00	16.00	15.00					
Stock hay	9.00	9.00	9.00	10.50						17.20	17.20	16.00
Wheat hay, No. 1	15.00	15.00	15.00	16.00	18.00	19.00			20.00	22.20	22.50	22.50
Wheat hay, fair	14.00	14.00	14.00	15.00	16.50	17.00	17.00		18.00	19.70	20.00	20.00
Timothy	16.00	16.00	16.00	17.00	19.00	20.00	20.00		21.00	23.00		
Straw	10.50	10.50	10.50	10.50	12.00	12.00				13.50		

Division of Statistical and Historical Research. Compiled from weekly quotations in the Hay Trade Journal.

<sup>1</sup> Not reported.

TABLE 104.—*Oat straw: Average price per ton at 16 markets, July, 1923–June, 1924*

Market	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Atlanta	10.50	10.50	11.75	12.25	12.00	11.75	12.00	12.00	11.00	11.00	11.75	
Baltimore <sup>1</sup>	14.25	13.30	13.50	14.25	14.50	14.50	15.25	17.50	17.50	17.60	17.40	16.75
Boston	13.00	12.10	12.00	12.50	12.70	13.50	13.50	13.50	13.50	13.50	13.50	13.50
Chicago	10.75	10.50	10.40	11.40	12.40	11.50	12.40	13.40	11.30	12.00	12.90	12.25
Cincinnati	12.50	11.60	10.00	11.25	12.20	12.50	13.00	13.00	13.90	14.60	13.60	13.00
Detroit <sup>1</sup>							11.75	11.75	12.25	12.25	12.10	12.00
Duluth <sup>1</sup>	8.00	9.00	12.00	10.20	7.75	7.75	7.75	7.75	7.75	7.75	8.25	
Kansas City	8.30	8.00	7.90	9.00	9.80	8.80	9.10	9.40	6.75	8.00	7.10	8.25
Minneapolis	8.40	8.10	8.00	8.00	8.60	7.25	8.10	8.20	7.50	7.75	8.80	9.00
New York	14.50				16.90	15.70	15.00	15.00	15.00	15.30	15.00	15.75
Omaha <sup>1</sup>	8.10	7.60	8.00	8.20	8.50	8.50	8.50	8.50	8.60	8.50	8.50	8.50
Philadelphia				14.00	15.80	16.40	16.50	17.40	17.50	18.00	17.40	16.20
Pittsburgh <sup>1</sup>	12.40	12.90	12.25	13.75	14.00	14.25	14.75	15.25	15.25	15.25	15.50	16.25
Providence <sup>1</sup>	11.00	10.50	10.50	11.50								
St. Paul <sup>1</sup>	7.75	8.00	8.40	8.00	8.10	7.50	8.10	7.60	7.00	7.50	8.00	
St. Louis <sup>1</sup>							10.50	9.20	9.50	9.50	9.50	9.50

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division, except as noted.

<sup>1</sup> Compiled from weekly quotations in the Hay Trade Journal.

TABLE 105.—*Rye straw: Average price per ton at nine markets, July, 1923–June, 1924*

Market	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Baltimore <sup>1</sup>	15.50	15.50	15.50	15.50	15.50	15.50	15.50	16.70	18.80	19.00	19.00	19.00
Boston	25.50	25.00	24.90	26.50	25.40	25.00	24.40	24.00	24.00	23.40	22.00	21.00
Chicago	11.75	12.40	12.00	12.60	13.80	12.00	13.40	15.00	13.50	12.90	13.00	15.00
Cincinnati	12.50	12.70	14.50	15.20	15.80	15.00	16.00	16.00	16.00	16.00	16.10	15.60
Detroit <sup>1</sup>	11.75	11.75	11.75	12.75	13.25	12.75	12.75	12.75	13.60	14.25	13.50	13.50
Duluth <sup>1</sup>	8.75	8.80	9.00	9.00	8.75	8.75	8.75	8.75	8.75	8.75	8.75	8.75
Minneapolis	8.40	8.10	8.00	8.00	8.90	7.25	8.10	8.70	8.10	8.00	9.00	9.50
New York	22.25	23.60	22.75			21.00	20.70	20.25	21.70	21.00	19.00	18.25
Philadelphia	23.00	23.00	22.75	22.30	22.30	22.00	21.10	20.60	20.60	19.50	18.00	18.00
Pittsburgh <sup>1</sup>	12.90	13.10	13.00	14.10	14.80	15.00	15.75	15.90	16.00	16.25	16.60	16.25

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division, except as noted.

<sup>1</sup> Compiled from weekly quotations in the Hay Trade Journal.

## Hay and Feed Statistics

85

TABLE 106.—Wheat straw: Average price per ton at 15 markets, July, 1923–June, 1924

Market	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Atlanta	10.50	10.50	12.00	12.25	12.00	11.75	12.00	12.00	11.00	11.00	11.75	---
Baltimore <sup>1</sup>	12.60	12.25	12.60	13.30	13.50	13.50	14.10	16.10	17.75	18.25	17.80	17.25
Boston	12.50	11.90	11.60	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50
Chicago	10.60	10.50	9.60	10.60	11.80	11.00	11.75	12.40	11.00	11.25	12.20	11.60
Cincinnati	10.50	10.00	10.00	11.25	12.20	12.50	13.00	13.90	14.60	13.60	13.00	13.00
Detroit <sup>1</sup>	10.75	11.00	10.90	11.75	11.75	11.75	11.75	11.75	12.25	12.25	12.10	12.00
Kansas City	8.30	8.00	7.90	9.00	9.80	8.80	9.00	9.40	6.95	7.75	7.25	8.60
Minneapolis	7.90	7.00	7.40	7.50	8.20	6.75	7.50	7.80	7.00	7.25	7.50	8.00
New Orleans				17.00	17.70	18.00	18.25	17.40	16.75	---	---	---
Omaha <sup>1</sup>	7.10	8.50	7.50	7.50	7.50	7.50	7.50	7.70	7.50	7.50	7.50	7.50
Philadelphia	13.90	14.10	14.50	16.00	16.50	16.90	17.40	17.50	18.00	17.40	17.20	16.70
Pittsburgh <sup>1</sup>	12.40	13.10	12.60	14.25	14.25	14.50	14.75	15.25	15.25	15.50	16.25	16.25
Richmond	10.75	11.00	12.00	12.50	12.90	14.25	14.90	15.10	15.00	13.90	15.60	16.50
St. Paul <sup>1</sup>	6.90	7.00	7.00	7.00	7.60	6.60	6.90	6.90	6.10	6.50	7.30	---
St. Louis							11.00	9.20	9.50	9.50	9.50	9.50

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division, except as noted.

<sup>1</sup> Compiled from weekly quotations in the Hay Trade Journal.

TABLE 107.—Barley, ground: Average price per ton (bagged) at three markets, February, 1920–December, 1924

### CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	65.90	55.60	51.40	45.80	42.10	36.20	35.60	67.60	69.90	71.80	79.90	75.90
1921	32.30	32.20	32.10	28.50	29.00	28.80	28.75	32.20	34.40	29.50	29.20	26.20
1922	31.90	29.90	30.90	33.30	34.10	34.50	32.75	31.25	33.00	31.80	33.20	31.40
1923	33.90	33.20	32.60	33.80	34.10	32.70	33.70	32.90	33.50	33.60	34.40	33.70
1924	39.70	42.40	42.60					36.50	37.50	37.90	38.40	

### CINCINNATI

1919							76.00	74.60	72.00	76.00	81.50	78.00
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920	68.00	58.20	54.90	48.40	45.70	38.20	36.70	36.00	37.20	37.20	38.30	37.30
1921	35.40	36.00	36.00	34.40	33.80	33.50	30.00	33.50	34.50	33.20	35.00	34.50
1922	32.50	32.75	34.00	34.50	33.75	33.90	34.50	34.50	34.50	34.50	34.50	34.50
1923	34.00	35.00	34.25	34.00	34.00	34.00	34.30	36.00	36.00	36.00	36.80	37.90
1924	39.75	41.00	43.00	43.00	42.50	44.00						

### LOS ANGELES

1920	62.00	55.00	50.00	47.50	46.00	40.00	41.00	35.50	34.00	28.70	32.00	28.50
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1921	28.80	29.20	29.00	29.40	30.00	31.00	32.00	32.00	33.50	34.50	33.00	33.00
1922			31.40	36.00	36.50	37.20	38.00	38.00	39.20	41.50	38.25	34.60
1923	33.75	34.80	36.50	39.00	38.20	37.50	38.75	40.00	40.20	40.25	42.40	46.00
1924	49.75	51.40	48.50	52.25	46.00	50.00						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 108.—*Beet pulp, dried: Average price per ton (bagged) at six markets, January, 1920–December, 1924*

## BUFFALO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	64.00	60.00			51.00	47.00	64.90	63.70	64.20	65.00	64.80	64.00
1921					25.50		33.00	34.00	38.00	38.00		35.00
1922	48.00	48.00							49.30	49.00	47.00	47.80
1923	42.30	43.00	41.40	36.00	36.30	34.75	34.00	36.25	36.00	37.70	39.00	39.70
1924	41.30	47.00			38.70	36.40	36.00					

## CINCINNATI

1920												
1921	24.40	25.70	25.90	25.90	24.40	24.90	27.00	27.00	29.00	29.71		25.50
1922	33.00	33.00			45.75	46.00	46.00	46.40	47.90	47.00	47.00	47.10
1923	44.00	44.00	44.00	39.50	38.00	38.00	38.00	37.75	37.00	37.00	37.00	37.00

## JACKSONVILLE

1920	73.20				61.80	57.00	52.20	49.70	44.50	40.50	38.70	38.20	36.80
1921	35.30	35.00	36.00		33.50	33.00		33.00	35.00	37.50	42.10	50.70	52.25
1922	52.50	55.00			44.00	44.00	50.00	48.30	49.70	47.25	47.00	45.50	43.80
1923	42.00	41.20	41.20										

## LOS ANGELES

1920	54.30	52.80	45.50	42.00	42.00	42.00	41.00	40.00	30.70	30.00	30.00	30.00
1921	28.60	26.70	26.20	25.40	26.30	25.00	25.00	25.25	28.00	29.00	32.00	34.00
1922	35.00	35.75	35.40	39.50	43.00	43.00	43.50	44.00	44.00	44.00	44.00	
1923	34.00	35.50	37.40	37.50	37.50	37.40	38.00	38.00	38.00	38.00	38.00	38.00

## NEW YORK

1920	57.50			51.00	48.70	46.70	41.80	33.60	31.00	31.80	29.10	25.90
1921	29.30	29.20		28.60	26.50	29.80	32.90	36.00	39.00	42.30	44.00	51.25
1922	51.80	35.00	33.00	41.00	43.90	48.70	47.00	45.00	42.00	44.00	40.00	
1923	37.75	42.10										

## SAVANNAH

1920					54.00	52.00	48.00	44.00	40.00	40.00	40.00	41.00
1921	31.50	32.00				30.00	30.00	31.50	33.00	36.50	40.00	
1922					40.75	48.30	48.00	48.00	47.00	46.10	46.10	45.40
1923	42.25	41.50	40.75	38.80	38.20	30.00	37.25	40.25	41.80	40.25	39.20	40.00
1924	42.00	40.00	42.50	41.00	42.00	42.40						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 109.—*Bran: Average price per ton at Minneapolis, 1916–1924*

Calendar year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1916	18.78	20.10	18.54	18.03	10.05	18.32	17.69	20.03	21.71	24.50	27.08	25.93	20.80
1917	28.75	32.55	34.20	38.54	33.77	26.97	32.15	31.83	30.28	30.55	33.46	38.02	32.59
1918	32.50	32.50	32.85	33.04	31.27	30.74	20.00	20.31	29.06	28.45	27.80	33.49	30.58
1919	47.25	42.83	38.09	30.78	34.39	34.20	37.41	40.38	37.49	36.82	37.04	41.50	39.20
1920	41.98	42.08	46.09	50.26	53.25	50.78	47.83	41.88	38.42	30.03	31.85	28.23	42.04
1921	25.93	21.44	21.64	16.41	15.97	14.80	14.06	13.93	12.97	12.15	14.70	20.63	17.06
1922	20.98	24.75	23.85	22.20	20.01	15.35	15.31	14.00	16.88	21.81	22.05	24.14	20.25
1923	26.20		28.44	27.38	27.10	20.94	19.75	22.05	27.02	28.10	25.59	24.78	
1924	25.00	23.04	22.00	20.84	18.30	19.12	22.27	23.43	23.00	24.60	25.62	30.43	23.20

Division of Statistical and Historical Research. Compiled from Minneapolis Daily Market Record.

# Hay and Feed Statistics

87

TABLE 110.—*Hard winter wheat bran: Average price per ton (bagged) at seven markets, January, 1920—December, 1924*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							47.60	48.20	52.50	57.20	60.80	57.20
1920	56.70	45.10	42.60	33.40	34.80	30.70	28.80	23.50	20.00			17.00
1921	15.80	15.80	15.20	15.30	20.80	24.40	24.80	27.00	26.90	25.00	24.40	18.20
1922	17.80	18.20	20.90	25.00	26.40	27.20	28.00	30.90	32.60	32.10	29.25	24.90
1923	22.30	27.60	31.10	31.70	30.00	28.30	29.70	28.25	27.30	26.80	21.70	23.25
1924	24.80	26.30	26.25	27.50	29.00	32.40						

## CINCINNATI

1919							47.80	49.10	53.00	58.20	61.00	57.20
1920	53.80	47.40	40.50	35.80	38.30	33.40	31.50	26.10	27.20	22.60	22.30	20.40
1921	18.20	18.60	17.60	17.80	19.50	27.40	27.60	20.10	29.75	26.90	27.00	21.25
1922	20.50	19.75	22.30	27.10	28.75	29.40	31.10	33.30	35.40	33.40	32.60	27.90
1923	25.10	27.80	33.40	33.60	31.80	31.00	31.75	30.60	28.50	28.40	24.30	25.00
1924	27.40	28.60	28.00	29.50	30.10	34.70						

## KANSAS CITY

1919							42.80	42.80	49.10	55.60	57.50	51.90
1920	48.70	42.20	37.90	28.20	30.30	26.20	25.20	20.80	20.90	16.40	16.80	13.80
1921	11.70	11.40	10.80	10.60	15.00	19.90	20.40	23.60	24.90	21.30	20.10	14.60
1922	13.90	14.40	17.75	22.90	23.25	23.80	25.40	28.40	29.00	28.90	26.10	21.70
1923	19.25	23.70	27.70	28.00	25.80	25.10	28.50	24.75	24.20	23.20	18.00	19.40
1924	22.25	23.00	23.25	23.90	24.75	29.00						

## NEW YORK

1919							42.80	42.80	49.10	55.60	57.50	51.90
1920	56.40	49.20	49.00	40.10	40.00	36.50	35.70	30.60	31.80	26.40	65.00	62.50
1921		22.80	21.00	23.20	30.20	29.75	33.80	33.90	30.60	29.50		23.40
1922	22.70	23.20	28.75	30.90	32.75	34.90	35.50	37.10	36.60	36.50		
1923	27.60	31.60	35.50									

## OMAHA

1919									50.70	52.60	55.80	53.50
1920	48.00	41.50	37.00	26.50	28.20	27.20	25.80	20.50	20.70	15.00	15.80	12.80
1921	11.80	12.10	10.80	10.50	14.00	20.00					20.60	18.10
1922	15.50	14.25	17.50	21.40	23.60	24.00	25.75	27.75	29.40	28.75	27.00	23.00
1923	19.50	22.80	28.10	27.75	26.20	25.20	25.75	24.90	23.90	23.25	18.80	19.80
1924	21.40	22.90	23.00	24.00	24.25	29.20						

## PHILADELPHIA

1919							50.00	52.00	59.00	59.00	67.50	63.50
1920	56.20	47.50	48.70	39.20	41.00	36.80	36.40	30.20	31.50	25.40	25.00	24.20
1921	22.70	22.70	21.80	20.60	23.40	20.50	20.30	32.90	32.30	30.20	28.30	22.75
1922	22.70	21.00	25.10	29.70	31.10	32.40	34.20	35.60	37.00	37.00	34.80	28.80
1923	27.25	31.00	35.75	30.40	34.10	33.00	33.75	34.10	32.50	32.40	27.70	27.90
1924	30.70	32.25	32.25	33.40	33.50	38.10						

## ST. LOUIS

1919							46.60	45.00	52.00	58.50	59.50	55.30
1920	50.00	45.10	39.80	32.40	34.00	29.20	28.40	22.20	23.50	18.50	19.50	18.00
1921	15.40	14.90	14.50	14.20	17.20	27.50	24.50	24.50	25.50	23.60	21.60	17.40
1922	16.75	16.75	19.50	25.30	25.40	25.80	27.60	30.00	31.20	30.30	28.70	24.50
1923	21.40	24.70	30.20	20.50	28.00	27.10	28.40	27.10	26.30	25.60	20.40	21.40
1924	23.40	24.00	25.10	26.00	26.75	31.25						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 111.—*Soft winter wheat bran: Average price per ton (bagged) at six markets, January, 1920–December, 1924*

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919	59.30	53.00	50.90	40.80	41.90	38.50	53.60	54.20	63.20	65.60	63.50	63.50
1920	24.10	24.00	23.20	23.00	23.80	32.00	37.90	32.00	34.50	29.00	28.00	24.50
1921	24.90	24.20	25.60	32.50	32.75	34.40	34.50	32.00	31.90	—	23.75	—
1922	28.60	28.75	37.00	38.00	35.70	35.00	35.10	35.80	34.20	33.60	41.00	30.90
1923	31.75	32.80	33.40	34.60	34.30	39.00	—	—	—	—	—	—
1924	—	—	—	—	—	—	—	—	—	—	—	—

## CINCINNATI

1919	63.80	48.40	47.10	36.30	38.50	33.40	47.90	49.10	53.10	58.20	61.80	57.50
1920	19.00	18.90	18.10	18.10	20.00	27.90	28.25	29.90	30.25	27.60	27.25	21.40
1921	21.00	20.25	22.60	27.50	29.25	29.80	31.25	33.30	35.40	33.40	33.90	27.90
1922	25.10	27.80	33.40	33.60	31.00	31.00	31.75	31.25	29.20	29.40	25.50	25.50
1923	27.50	29.40	29.50	30.00	30.00	33.80	—	—	—	—	—	—
1924	—	—	—	—	—	—	—	—	—	—	—	—

## MEMPHIS

1919	49.50	46.20	44.80	33.20	35.20	30.80	47.40	48.50	55.50	62.30	64.60	58.50
1920	15.70	15.10	16.00	15.80	18.80	25.00	25.70	27.60	27.70	25.40	24.75	20.00
1921	18.10	18.00	22.00	26.75	27.10	27.90	28.90	31.00	33.90	32.50	31.20	27.00
1922	22.75	27.25	32.10	32.25	29.75	29.75	30.80	29.50	27.80	27.70	22.80	24.40
1923	25.75	26.75	27.00	27.00	29.00	33.70	—	—	—	—	—	—
1924	—	—	—	—	—	—	—	—	—	—	—	—

## NEW YORK

1919	56.40	49.50	49.00	40.20	40.80	36.70	36.30	31.10	32.20	60.70	65.00	62.50
1920	23.80	25.00	23.00	21.00	23.20	30.20	29.75	33.80	34.00	31.00	29.30	23.90
1921	23.25	22.40	24.40	28.50	31.00	32.25	34.50	36.10	37.00	36.60	36.75	30.20
1922	28.20	31.60	35.50	—	—	—	—	—	—	—	—	—
1923	—	—	—	—	—	—	—	—	—	—	—	—

## PHILADELPHIA

1919	54.20	50.70	49.00	41.00	44.20	40.60	52.00	51.80	55.50	60.50	68.50	—
1920	23.70	23.90	23.20	22.40	24.40	31.20	30.60	33.60	33.40	31.30	30.50	24.60
1921	23.80	23.10	25.90	31.30	32.00	33.80	34.90	36.75	38.00	—	38.10	29.80
1922	27.90	31.90	30.50	37.50	35.90	34.25	34.60	35.25	33.70	33.00	29.10	29.25
1923	31.40	33.20	33.00	34.10	34.10	38.70	—	—	—	—	—	—
1924	—	—	—	—	—	—	—	—	—	—	—	—

## ST. LOUIS

1919	51.10	45.80	40.80	32.60	35.00	30.30	46.00	55.00	57.80	60.00	55.50	—
1920	16.00	15.80	15.00	14.80	17.20	—	24.00	22.80	24.00	19.50	20.00	18.50
1921	17.00	17.20	19.60	20.00	26.00	26.50	28.10	30.20	32.10	30.90	29.60	24.50
1922	21.40	23.40	31.00	30.90	28.70	28.00	28.90	27.60	26.30	25.90	20.80	23.10
1923	23.90	25.30	25.75	26.50	27.20	30.75	—	—	—	—	—	—
1924	—	—	—	—	—	—	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 112.—*Spring wheat bran: Average price per ton (bagged) at six markets, January, 1920—December, 1924*

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	58.20	51.20	48.90	39.50	41.10	36.70	36.60	30.40	33.50	28.00	26.00	24.40
1921	23.40	23.20	22.60	21.10	23.60	30.30	29.70	33.70	33.40	30.80	30.00	24.40
1922	23.80	22.90	24.60	29.60	30.40	32.30	34.50	36.00	37.10	36.75	35.70	29.60
1923	28.10	31.40	35.75	36.25	33.60	33.40	33.25	32.20	30.60	29.00	26.20	27.80
1924	30.75	31.70	31.25	31.90	32.40	37.70						

## CHICAGO

1919												
1920	52.80	44.50	42.00	33.70	34.90	30.30	28.60	23.90	24.40	19.30	19.10	17.60
1921	18.40	16.40	15.90	15.20	17.70	24.40	24.25	27.60	26.80	24.75	22.90	18.10
1922	17.80	16.90	19.50	25.00	25.40	26.75	28.60	30.10	30.80	30.40	29.40	23.60
1923	22.40	28.30	30.70	30.80	28.40	28.00	27.75	26.40	24.80	23.70	20.65	22.25
1924	24.60	26.25	26.10	27.00	27.80	32.60						

## CINCINNATI

1919												
1920	53.60	47.10	45.80	36.10	38.50	33.40	31.80	26.10	27.10	22.70	22.30	20.40
1921	18.20	18.60	17.80	17.60	19.50	27.30	27.60	29.10	29.75	27.30	28.40	22.10
1922	20.80	19.60	27.00	28.75	29.30	31.10	33.30	35.40	33.40	32.60	27.90	
1923	25.10	27.80	33.40	33.60	31.80	31.00	31.75	30.50	28.40	27.80	23.70	25.00
1924	27.40	28.60	28.90	29.50	29.30							

## MINNEAPOLIS

1919												
1920	49.20	41.40	38.10	30.60	31.10	25.90	25.60	21.10	21.20	15.80	15.60	14.50
1921	13.50	13.50	13.00	12.20	14.20	20.80	20.75	24.40	24.00	22.00	20.00	15.80
1922	15.00	13.90	16.50	21.90	22.60	23.90	25.80	27.00	28.10	27.20	26.80	20.50
1923	19.40	23.60	27.40	27.90	25.40	24.25	24.70	23.60	21.60	20.70	17.40	19.40
1924	22.00	23.30	23.10	24.60	25.40	30.50						

## NEW YORK

1919												
1920	56.40	49.10	49.00	40.30	40.00	35.80	35.50	30.60	31.80	60.70	64.00	62.50
1921	23.00	22.90	22.40	20.80	23.10	29.50	29.30	33.40	33.20	30.40	29.00	23.70
1922	23.40	22.40	24.40	20.60	30.75	31.80	34.25	35.90	36.80	36.30	36.00	29.25
1923	27.60	31.60	35.60									

## PHILADELPHIA

1919												
1920	57.80	47.60	48.20	39.20	40.80	36.10	35.10	30.10	31.20	25.00	25.10	23.50
1921	22.20	22.20	21.80	20.20	22.90	28.80	28.90	32.75	32.50	29.70	27.90	22.60
1922	22.75	21.60	24.10	29.10	30.40	31.75	33.75	35.30	36.20	38.00	35.00	28.70
1923	27.50	31.20	35.60	35.90	33.10	32.50	32.90	32.10	30.20	28.90	25.70	27.25
1924	30.10	31.20	31.10	32.00	32.20	38.50						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 113.—*Bran: Average price per ton paid by farmers in United States, 1910-1924*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15
Average—1914-1920	Dols. 30.35	Dols. 37.16	Dols. 37.53	Dols. 38.73	Dols. 39.49	Dols. 38.82	Dols. 38.25	Dols. 38.53	Dols. 37.92	Dols. 36.53	Dols. 36.43	Dols. 36.66
1910	26.20	27.00	27.03	26.58	26.10	25.37	25.22	25.19	24.96	24.60	24.45	24.08
1911	24.92	25.27	24.94	25.48	25.93	25.87	25.80	25.92	26.09	26.52	26.72	26.99
1912	27.39	28.62	29.16	29.73	30.18	29.35	28.41	27.41	26.82	26.58	25.66	25.16
1913	25.24	25.32	24.96	24.69	24.50	24.67	24.65	25.10	25.50	26.52	26.47	26.43
1914	26.53	26.91	27.58	28.50	28.08	27.75	26.36	27.24	27.86	26.71	26.40	26.72
1915	27.91	28.06	28.23	28.28	28.41	27.68	27.47	27.22	26.47	25.81	25.42	25.53
1916	25.03	26.23	26.05	25.07	25.97	26.13	25.81	26.53	27.50	28.48	31.54	32.49
1917	32.76	34.87	38.33	42.07	44.19	40.83	40.40	43.16	39.46	39.23	39.42	42.53
1918	41.32	42.07	42.62	42.82	42.41	42.30	40.09	39.63	39.54	39.38	39.22	38.96
1919	49.78	49.05	47.93	48.24	48.66	47.54	47.14	49.28	49.58	47.70	48.32	48.70
1920	50.23	51.13	51.95	55.26	58.69	59.53	59.91	56.02	55.05	48.43	44.69	41.61
1921	39.74	36.77	35.18	32.15	29.71	29.35	26.83	26.25	25.31	24.22	23.60	26.10
1922	28.08	29.90	32.09	31.94	31.81	30.22	28.29	27.24	26.24	28.25	30.78	31.58
1923	32.53	33.58	35.48	35.86	36.44	35.32	33.27	31.31	32.60	34.84	35.19	34.67
1924	34.67	34.40	24.03	33.41	32.82	31.58	31.61	32.81	33.02	33.40	34.02	-----

Division of Crop and Livestock Estimates.

TABLE 114.—*Cottonseed meal, 36 per cent protein: Price per ton at Memphis, August, 1910-December, 1924*

Year beginning Aug.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Av.
Average—1914-1920	Dols. 43.59	Dols. 40.77	Dols. 40.93	Dols. 43.10	Dols. 42.04	Dols. 42.04	Dols. 40.64	Dols. 40.42	Dols. 40.38	Dols. 41.11	Dols. 41.97	Dols. 43.79	Dols. 41.73
1910	26.00	25.75	25.38	24.38	23.88	23.25	23.25	23.88	23.88	24.50	25.63	24.51	
1911	25.50	25.75	24.63	24.63	24.38	25.13	25.09	27.25	28.00	27.25	26.75	25.91	
1912	26.75	25.63	24.38	24.63	25.50	25.75	25.13	26.75	28.00	28.75	30.63	26.42	
1913	31.75	27.00	27.13	27.38	27.25	26.75	26.13	27.63	27.75	27.50	27.75	27.60	
1914	28.00	23.75	22.75	22.38	23.50	24.75	27.25	26.88	26.50	26.00	25.13	25.18	
1915	25.63	27.13	30.50	32.00	34.00	32.25	29.00	28.38	28.88	27.75	27.25	27.25	20.17
1916	28.25	30.75	35.25	39.25	39.00	37.50	36.25	36.25	38.50	39.50	42.25	44.50	37.27
1917	45.50	43.00	45.50	49.75	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.31
1918	46.50	46.50	46.50	54.00	54.00	54.00	54.00	54.00	54.00	54.00	59.13	59.75	53.87
1919	76.25	63.00	66.50	70.25	69.25	71.00	65.00	65.75	64.81	65.13	63.63	59.40	66.06
1920	55.00	51.25	39.50	34.10	29.00	28.30	26.50	25.20	23.50	28.90	29.75	34.00	33.07
1921	36.40	36.00	34.50	33.40	34.20	34.75	36.10	41.10	43.00	43.75	42.50	39.80	37.96
1922	34.00	32.00	37.60	42.80	42.10	41.90	41.25	39.60	39.10	38.25	36.00	35.40	38.38
1923	39.00	40.20	40.75	42.70	40.60	39.10	37.75	36.70	36.60	36.50	36.60	38.75	38.77
1924	39.90	37.75	37.40	36.40	36.75								

Division of Statistical and Historical Research. Cotton Oil Press, 1910-1919; from Hay, Feed, and Seed Division reports for 1920-1924.

TABLE 115.—*Cottonseed meal, 36 per cent protein: Average price per ton (bagged) at 11 markets, January, 1920-December, 1924*

## ATLANTA

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
	Dols.												
1910													
1920	63.00	54.50	51.50	42.10	36.00	32.70	32.00	32.00	28.70	22.40	71.00	71.20	70.50
1921	32.20	34.30	37.50	38.40	36.00	35.00	35.70	36.80	41.40	43.00	44.00	44.00	
1922	40.25	34.00	34.10	39.75	44.00	42.90	42.75	42.50	42.00	40.75	38.75	36.60	
1923	36.40	36.80	39.75	40.50	42.20	42.50	40.80	39.25	37.00	36.40	37.20	37.30	
1924	37.75	39.50	36.00	37.50	36.30	35.90							

TABLE 115.—Cottonseed meal, 36 per cent protein: Average price per ton (bagged) at 11 markets, January, 1920–December, 1924—Continued

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920.....	71.20	63.50	61.20	50.30	44.50	38.30	38.80	37.20	36.80	32.80	37.50	38.70
1921.....	42.00	42.60	46.00	45.00	44.20	44.50	43.80	45.00	48.60	50.60	52.60	50.00
1922.....	46.40	41.50	41.80	47.25	51.90	51.60	51.60	50.60	49.40	46.60	45.30	42.75
1923.....	43.25	44.75	48.50	48.70	49.40	48.60	47.90	44.90	43.40	43.30	43.60	44.10
1924.....	46.70	48.20	45.12	45.00	45.30	44.00	—	—	—	—	—	—

## CHICAGO

1919.....	70.50	63.50	58.20	46.80	41.00	34.50	34.50	76.40	75.00	73.80	74.80	74.60
1920.....	41.00	39.70	40.20	39.60	38.60	40.30	39.60	41.90	45.70	47.50	48.50	48.00
1921.....	46.60	39.20	37.60	42.50	47.10	47.80	47.25	46.40	44.80	44.25	44.10	40.75
1922.....	41.00	43.60	45.90	45.50	47.60	46.10	45.25	42.50	41.80	41.75	41.40	42.10
1923.....	44.25	45.70	42.40	42.00	41.70	41.40	—	—	—	—	—	—

## CINCINNATI

1919.....	66.40	58.30	55.50	46.20	41.90	33.90	33.60	77.00	75.70	73.50	72.40	70.00
1920.....	34.20	41.10	40.60	38.60	38.60	40.60	38.10	41.60	45.75	48.50	49.70	47.10
1921.....	42.00	37.60	37.10	42.25	47.40	45.50	46.40	46.30	44.20	43.40	43.10	41.10
1922.....	41.00	42.10	44.40	45.25	47.30	45.25	45.10	42.50	40.30	39.00	38.90	39.90
1923.....	43.20	43.75	42.25	41.90	40.90	40.70	—	—	—	—	—	—

## JACKSONVILLE

1920.....	70.90	—	—	41.70	38.60	35.20	35.20	33.20	29.20	27.30	31.00	33.00
1921.....	35.00	37.00	39.00	38.90	37.50	—	37.50	38.70	43.00	45.00	45.50	45.90
1922.....	43.40	36.00	35.50	40.75	35.40	45.50	45.50	45.00	43.80	40.80	38.00	37.50
1923.....	36.00	39.00	41.60	—	—	—	—	—	—	—	—	—

## MEMPHIS

1920.....	59.40	55.00	51.25	30.50	34.10	28.00	28.30	26.50	25.20	23.50	28.90	29.75
1921.....	34.00	36.40	36.00	34.50	33.40	34.20	34.75	36.10	41.10	43.00	43.75	42.50
1922.....	39.80	34.00	32.60	37.60	42.80	42.10	41.90	41.25	39.60	39.10	38.25	36.00
1923.....	35.40	39.00	40.20	40.75	47.20	40.60	39.10	37.75	36.70	36.60	36.50	36.60
1924.....	38.75	39.90	37.75	37.40	36.40	36.75	—	—	—	—	—	—

## NEW ORLEANS

1920.....	65.00	67.00	—	—	—	—	34.00	34.00	31.00	32.50	32.50	35.00
1921.....	36.50	39.00	41.50	42.00	42.50	40.00	39.00	43.00	45.00	46.00	44.50	42.70
1922.....	—	—	35.00	41.00	47.00	47.00	47.00	—	46.20	44.75	44.50	42.70
1923.....	40.80	43.40	44.00	—	—	—	—	—	—	—	—	—

## NEW YORK

1920.....	60.00	61.80	60.50	52.80	44.80	37.00	38.30	36.60	35.70	33.30	37.10	38.20
1921.....	41.30	42.10	44.80	44.00	43.40	44.40	43.40	45.20	47.80	49.90	51.50	50.25
1922.....	47.30	42.80	42.40	46.70	51.10	51.25	50.70	50.40	48.70	46.60	47.10	43.60
1923.....	43.70	46.10	47.80	—	—	—	—	—	—	—	—	—

## PHILADELPHIA

1920.....	73.60	61.60	58.20	48.10	44.00	36.80	37.20	35.20	33.90	33.10	37.60	37.60
1921.....	40.60	40.80	43.30	42.70	42.90	43.40	42.70	45.50	47.80	49.80	50.90	49.30
1922.....	45.50	39.30	40.25	46.75	50.80	51.00	50.20	49.70	48.20	47.00	46.70	43.50
1923.....	43.90	45.75	47.30	48.25	50.90	49.25	48.00	45.90	45.20	44.75	45.10	45.30
1924.....	46.50	47.30	46.30	46.50	44.70	44.10	—	—	—	—	—	—

TABLE 115.—Cottonseed meal, 36 per cent protein: Average price per ton (bagged) at 11 markets, January, 1920–December, 1924—Continued

## PITTSBURGH

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920	63.00	-----	49.90	43.20	36.80	36.00	34.60	33.00	30.20	34.70	37.70	50.00
1921	41.90	42.70	41.60	41.40	41.80	41.70	43.40	48.10	49.20	50.60	50.60	50.00
1922	46.00	38.10	38.75	44.25	48.00	49.10	48.25	46.90	46.70	44.90	45.60	44.25
1923	41.75	43.10	45.40	46.50	49.60	46.90	46.00	44.50	43.25	42.90	42.40	45.80
1924	46.40	45.70	43.70	43.25	43.00	42.60	-----	-----	-----	-----	-----	-----

## SAVANNAH

1920	32.00	-----	30.80	-----	37.20	35.00	35.00	35.00	28.00	-----	32.00	
1921	32.00	-----	30.80	-----	37.20	37.50	38.00	43.00	45.75	45.50	-----	
1922	45.70	40.50	36.00	35.00	44.50	45.60	45.75	45.50	44.40	41.50	40.90	38.10
1923	37.75	38.40	40.90	41.40	42.00	42.10	41.80	40.40	38.20	38.25	38.10	38.10
1924	38.40	41.50	39.30	41.00	38.70	39.40	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 116.—Cottonseed meal, 41 per cent protein: Average price per ton (bagged) at eight markets, January, 1920–December, 1924

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919	-----	-----	-----	-----	-----	-----	86.60	84.50	-----	81.80	80.80	79.50
1920	75.00	66.50	63.90	54.30	47.80	41.30	41.60	39.80	39.00	33.80	39.50	41.50
1921	45.80	45.00	48.30	46.80	46.00	47.00	47.25	49.50	52.60	54.40	57.10	55.00
1922	50.10	43.40	44.00	50.25	55.00	55.60	55.20	54.30	53.00	52.10	51.20	49.40
1923	51.80	53.80	52.75	53.10	56.20	53.80	51.90	48.56	46.90	46.40	47.60	48.00
1924	51.10	52.00	48.90	49.90	48.00	47.30	-----	-----	-----	-----	-----	-----

## CHICAGO

1920	67.00	61.00	51.20	45.10	37.90	36.70	34.60	34.20	32.20	36.70	38.20	
1921	41.20	39.50	42.80	41.70	41.20	43.20	42.90	45.60	50.10	52.20	53.80	51.75
1922	50.80	40.90	40.25	45.25	50.60	51.30	50.40	49.40	48.60	47.80	47.40	45.40
1923	47.10	49.50	59.40	49.30	51.80	49.90	49.25	45.75	44.90	44.02	44.10	44.80
1924	48.10	48.10	45.90	45.60	43.80	43.25	-----	-----	-----	-----	-----	-----

## CINCINNATI

1921	42.80	44.00	42.80	40.80	40.40	42.80	42.10	44.10	48.10	51.90	54.00	50.70
1922	46.60	40.20	39.20	44.50	50.00	50.20	49.90	48.60	47.20	46.70	46.60	44.70
1923	46.25	48.10	50.25	48.25	51.00	49.25	49.10	46.50	44.30	43.00	43.90	43.40
1924	47.20	46.70	46.25	44.90	42.90	42.70	-----	-----	-----	-----	-----	-----

## KANSAS CITY

1919	69.40	61.10	55.00	47.50	43.00	33.80	81.90	75.10	74.40	73.00	73.30	74.00
1920	-----	-----	-----	-----	-----	-----	33.80	33.80	31.50	30.90	30.00	34.80
1921	36.80	42.00	40.00	38.90	39.50	42.40	42.80	44.90	50.90	51.30	54.00	52.75
1922	46.75	41.75	42.75	46.10	49.10	51.50	49.50	49.00	50.20	50.00	49.10	47.60
1923	46.50	48.60	47.50	48.10	51.20	48.40	-----	-----	-----	-----	-----	-----

TABLE 116.—Cottonseed meal, 41 per cent protein: Average price per ton (bagged) at eight markets, January, 1920—December, 1924—Continued

## MEMPHIS

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1920	35.00	38.20	35.70	35.00	36.30	30.20	29.20	27.00	29.00	29.25	32.80	32.80
1921	44.75	36.30	34.30	40.25	46.00	45.40	45.75	45.00	43.65	43.10	42.40	40.80
1922	41.40	43.20	42.90	44.90	47.40	45.00	43.60	41.00	39.60	39.50	39.50	40.25
1923	43.60	43.60	41.40	40.75	38.75	39.25						

## PHILADELPHIA

1920	67.80	64.20	63.10	51.00	44.80	39.60	39.90	37.20	36.20	35.40	39.80	39.90
1921	43.90	43.10	45.60	44.60	45.00	46.40	46.20	49.00	51.40	54.00	55.80	53.90
1922	49.30	41.50	42.90	48.50	54.40	54.40	54.10	53.00	51.90	51.00	50.90	49.50
1923	50.00	53.10	51.80	52.60	55.50	52.90	51.75	49.00	47.60	47.25	48.40	48.80
1924	50.00	51.10	49.10	49.00	46.80	46.60						

## PITTSBURGH

1920				53.40	43.50	39.80	38.50	37.00	35.50	32.80	36.80	39.70
1921				39.50	44.80	44.40	44.00	44.80	44.20	46.90	51.50	52.75
1922				40.25	41.40	47.10	51.90	52.60	52.90	50.60	50.20	49.20
1923				45.90	46.60	49.50	50.40	53.40	51.50	49.75	47.50	48.75
1924				50.00	49.70	47.80	46.75	45.10	44.70			

## SAN FRANCISCO

1920			63.00		45.00	41.70	36.00	36.00	35.00		35.00	34.00
1921			33.00		40.00	41.50	44.00		43.30	43.75	44.00	46.70
1922			48.30		49.30	48.70	45.75	46.00	46.25	49.50	51.50	51.30
1923			46.70		49.25	49.00	49.50	50.00	51.00		51.50	49.80

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 117.—Cottonseed meal: Average price per ton paid by farmers in United States, 1910–1924

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average—1914— 1920	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1910	32.33	33.77	33.17	32.70	32.69	32.18	32.38	32.64	32.36	31.84	31.37	31.58
1911	31.83	31.42	31.32	31.09	31.08	30.92	31.17	31.09	31.01	30.73	30.12	
1912	30.42	30.87	31.22	31.80	32.28	31.84	31.82	31.53	30.60	30.28	29.37	30.16
1913	30.97	31.16	31.08	30.89	31.23	31.53	31.56	31.78	32.32	31.94	31.97	32.36
1914	32.49	32.59	32.65	32.75	32.98	32.68	32.62	32.34	30.73	29.44	28.36	29.04
1915	29.53	30.88	31.32	31.43	31.54	31.39	31.36	31.07	30.79	33.77	34.96	36.45
1916	37.03	37.08	36.46	36.02	35.72	35.60	34.93	35.05	36.17	37.80	41.52	42.96
1917	42.95	43.33	43.67	44.73	45.62	45.17	46.45	49.25	50.00	50.98	53.52	55.52
1918	55.93	56.25	56.59	56.41	56.21	56.18	55.69	55.60	57.40	59.22	59.93	60.64
1919	62.81	62.61	62.88	63.29	63.40	63.06	64.77	71.72	74.08	72.58	76.16	78.57
1920	79.39	70.70	79.70	78.87	78.74	78.52	77.63	73.84	68.22	61.81	50.96	47.97
1921	42.92	41.93	40.17	37.41	36.75	37.84	38.24	40.74	41.97	43.54	43.67	44.23
1922	45.08	45.26	47.90	49.44	50.47	50.42	51.06	48.87	45.48	46.10	50.54	52.70
1923	52.79	53.01	53.37	52.79	52.35	51.89	50.36	49.64	49.47	51.08	51.49	51.75
1924	52.33	51.73	50.26	49.34	49.09	47.99	48.03	49.78	48.98	48.39	47.86	

Division of Crop and Livestock Estimates.

TABLE 118.—*Gluten feed: Average price per ton (bagged) at five markets, January, 1920—December, 1924*

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.....	72.50	71.20	67.20	53.00	51.50	53.00	78.30	78.10	78.90	81.40	76.90	
1920.....	72.50	71.20	67.20	53.00	51.50	53.00	53.50	43.20	45.10	45.30	33.50	35.50
1921.....	36.40	38.80	37.60	35.40	35.30	43.30	40.90	39.00	39.80	40.00	37.30	
1922.....	35.60	36.30	37.00	40.20	44.20	46.50	49.50	49.80	49.40	43.00	44.30	44.20
1923.....	44.00	47.70	51.40	52.50	50.90	47.80	46.60	42.50	41.60	38.70	30.30	41.80
1924.....	44.20	45.80	48.40	48.00	46.40	47.20						

## CHICAGO

1919.....							73.50	75.00	73.70	73.50	76.00	77.50
1920.....	67.60	64.10	58.80	46.80	45.90	48.00	45.20	35.50	37.00	31.60	26.50	26.90
1921.....	28.60	30.40	29.80	27.80	28.20	35.00	33.60	32.00	32.60	32.60	32.80	32.40
1922.....	28.90	29.80	30.80	34.00	36.70	39.60	42.30	42.70	42.25	36.40	37.20	37.20
1923.....	37.20	41.00	44.00	45.25	43.80	40.90	39.40	36.20	34.40	30.80	32.30	34.40
1924.....	37.20	38.90	40.80	40.80	39.20	40.30						

## CINCINNATI

1919.....							73.00	73.50	73.80	73.50	76.50	75.40
1920.....	67.60	64.10	62.00	47.80	46.10	52.10	49.00	38.30	40.30	35.00	29.60	30.40
1921.....	31.30	33.80	33.20	31.60	30.40	38.00	36.60	34.60	36.80	34.30	35.00	33.75
1922.....	32.00	32.50	33.60	35.75	38.50	42.00	44.50	45.60	45.20	39.30	39.90	40.00
1923.....	40.00	42.90	46.90	48.20	46.60	43.80	42.30	39.00	37.30	33.40	35.40	36.90
1924.....	39.80	41.80	43.70	43.20	42.10	43.00						

## PHILADELPHIA

1919.....							75.30	77.20	78.00	78.00	81.60	81.10
1920.....	72.40	69.00	62.70	46.10	47.90	54.10	52.40	41.00	42.40	38.30	33.20	33.00
1921.....	33.60	37.70	37.20	32.70	34.40	41.30	39.75	38.00	38.60	38.75	38.90	37.20
1922.....	35.20	35.70	36.80	40.10	42.20	45.80	48.40	48.75	48.40	43.20	43.25	43.25
1923.....	43.25	47.20	50.10	51.40	49.80	46.80	45.40	42.25	40.50	37.90	38.30	40.00
1924.....	43.50	44.80	47.90	46.90	45.70	47.90						

## PITTSBURGH

1920.....	67.50	67.40		53.10	48.30		48.20	39.60	41.40	37.10	31.40	31.90
1921.....	31.30	34.40	34.30	32.10	32.10	40.80	36.60	35.80	36.60	36.60	36.60	36.25
1922.....	33.75	33.75	34.80	37.75	40.00	43.00	45.90	46.60	46.20	40.30	40.90	41.10
1923.....	41.10	44.60	49.20	49.20	47.60	44.80	43.30	40.00	38.30	35.90	36.00	37.90
1924.....	40.30	42.00	45.30	44.70	43.10	44.00						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

# Hay and Feed Statistics

95

**TABLE 119.—White hominy feed: Average price per ton (bagged) at six markets,  
July, 1921—December, 1924**

### ATLANTA

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1921-----	28.80	28.00	29.00	29.40	28.10	28.00	28.20	28.70	29.25	28.30	29.50	28.50
1922-----	29.40	29.30	30.90	35.50	37.50	37.00	36.25	38.00	38.00	37.60	38.40	39.10
1923-----	38.75	39.20	39.75	41.00	40.40	38.75	39.00	37.25	36.30	36.25	33.00	35.00
1924-----	39.40	45.00	46.50	48.00	46.00	47.75	-----	-----	-----	-----	-----	-----

### BOSTON

1921-----	31.00	31.90	30.90	28.00	27.80	20.50	27.30	28.30	27.75	27.30	30.10	30.00
1922-----	31.20	32.25	33.10	35.10	36.10	37.30	37.30	37.20	35.50	37.00	38.75	38.70
1923-----	38.10	39.20	41.25	43.70	42.00	38.00	37.60	36.50	34.90	34.25	35.40	33.30
1924-----	44.10	47.40	46.90	44.80	45.00	52.60	-----	-----	-----	-----	-----	-----

### CHICAGO

1921-----	23.40	24.80	23.40	20.40	21.00	22.80	21.25	22.10	22.10	21.20	23.75	23.10
1922-----	25.25	25.40	26.20	28.25	29.75	30.60	31.10	30.90	29.10	31.75	33.90	33.20
1923-----	32.00	33.40	34.90	38.25	34.90	31.00	31.75	30.25	29.20	29.00	29.90	33.00
1924-----	39.20	42.50	42.10	39.00	41.10	47.75	-----	-----	-----	-----	-----	-----

### CINCINNATI

1921-----	26.70	27.20	26.50	24.70	23.10	25.70	24.40	23.90	24.90	23.50	26.90	26.60
1922-----	27.70	28.75	29.70	31.40	32.10	34.00	34.10	33.30	32.70	33.90	35.00	36.20
1923-----	35.60	35.80	37.50	39.25	37.50	33.50	34.00	33.00	32.00	32.00	32.00	34.00
1924-----	41.00	43.50	43.40	40.60	42.10	48.70	-----	-----	-----	-----	-----	-----

### PHILADELPHIA

1921-----	30.00	31.50	30.10	27.10	27.10	28.40	26.60	27.40	27.20	26.10	29.50	28.40
1922-----	29.90	30.80	31.70	34.60	34.75	36.00	36.60	36.10	34.60	35.90	38.30	38.20
1923-----	36.70	38.30	40.20	43.00	42.00	37.60	36.80	36.00	34.60	33.40	34.90	37.20
1924-----	42.90	46.60	46.50	44.10	44.60	52.30	-----	-----	-----	-----	-----	-----

### ST. LOUIS

1921-----	22.00	24.20	22.80	19.70	20.80	-----	20.25	20.25	21.75	20.90	23.70	22.60
1922-----	24.50	24.50	25.40	28.10	28.00	30.20	30.75	30.70	30.20	31.60	32.80	32.00
1923-----	31.60	33.10	33.70	36.00	34.00	30.50	30.75	29.75	28.30	28.10	28.40	31.50
1924-----	37.40	40.90	40.10	38.60	39.40	46.30	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 120.—*Yellow hominy feed: Average price per ton (bagged) at four markets July, 1921–December, 1924*

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1921.....	29.80	31.20	28.70	26.50	26.50	28.50	26.30	27.70	27.60	26.60	38.40	38.20
1922.....	30.90	31.75	31.80	35.50	35.00	37.00	36.80	36.70	34.90	36.60	38.40	38.20
1923.....	37.70	38.50	40.70	42.90	40.60	38.10	36.00	36.10	34.25	33.70	34.80	35.00
1924.....	43.50	46.60	45.60	44.30	44.20	51.70	-----	-----	-----	-----	-----	-----

## CHICAGO

1921.....	22.60	23.80	21.40	18.80	19.90	22.00	20.25	21.50	21.60	20.70	23.50	22.50
1922.....	24.25	24.50	24.40	27.40	29.50	29.80	29.90	29.75	28.20	31.10	33.10	32.20
1923.....	31.25	32.60	34.30	38.10	33.90	30.10	30.40	29.30	28.90	29.00	29.10	32.25
1924.....	38.30	41.10	41.00	38.50	40.10	47.40	-----	-----	-----	-----	-----	-----

## CINCINNATI

1921.....	25.80	27.00	26.50	23.90	22.10	25.00	24.10	23.20	24.90	23.50	26.90	26.60
1922.....	27.75	28.75	20.70	31.40	32.10	34.00	34.00	33.30	32.50	33.90	35.60	36.10
1923.....	35.50	35.80	37.50	39.25	37.50	33.50	33.90	33.00	32.00	32.00	32.00	34.00
1924.....	41.00	43.50	43.40	40.60	42.10	48.70	-----	-----	-----	-----	-----	-----

## ST. LOUIS

1921.....	21.50	23.00	20.90	18.40	19.20	-----	19.50	19.00	21.40	20.60	22.00	-----
1922.....	24.20	23.70	28.00	-----	30.25	30.25	30.00	29.50	31.50	32.00	31.50	31.50
1923.....	31.00	34.00	-----	36.00	-----	30.00	30.50	-----	28.00	28.00	28.00	28.25

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 121.—*Linseed oil meal: Average price per ton at New York, September, 1910–December, 1924*

Year beginning September	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Average
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Average—1914–1920..	51.77	51.09	51.77	52.76	54.00	52.25	51.46	49.48	47.53	48.05	50.87	54.19	51.27
1910.....	37.46	36.90	35.50	35.50	35.50	35.50	35.50	34.12	33.75	33.50	34.33	35.71	35.27
1911.....	40.00	40.75	40.12	39.00	39.65	40.17	39.75	38.80	38.10	37.30	36.57	35.50	38.81
1912.....	35.38	35.30	34.38	32.75	32.34	31.90	29.20	27.80	28.12	28.25	29.40	30.12	31.25
1913.....	32.50	32.00	31.40	31.25	31.25	31.35	31.25	31.50	31.50	32.27	32.80	34.60	31.97
1914.....	33.62	32.83	32.75	35.10	38.75	41.00	37.13	35.50	32.50	32.50	35.31	37.71	35.39
1915.....	39.70	38.75	38.50	40.50	40.60	39.50	36.63	32.86	31.50	32.12	33.00	37.00	36.72
1916.....	39.50	42.28	45.45	47.50	48.50	48.50	48.33	47.00	49.44	49.25	51.08	53.50	47.53
1917.....	53.00	54.00	64.42	57.00	58.15	58.50	58.50	57.00	52.50	50.00	52.80	54.00	54.99
1918.....	55.00	56.00	55.75	56.50	62.15	63.36	65.50	65.50	70.50	75.50	82.30	90.25	66.53
1919.....	81.58	73.80	78.75	80.75	81.50	71.75	70.40	62.50	60.00	60.00	60.00	60.00	70.09
1920.....	60.00	60.00	58.80	52.00	48.38	43.12	43.75	46.00	36.25	37.00	41.60	48.88	47.05
1921.....	46.30	40.00	40.75	48.00	51.00	51.62	55.00	49.50	47.02	49.20	46.88	45.50	47.61
1922.....	43.50	43.50	(1)	(1)	53.50	54.12	46.30	43.25	42.50	38.00	38.00	38.00	-----
1923.....	45.00	45.02	43.88	45.00	43.75	42.00	42.00	40.50	40.00	39.90	43.75	45.00	43.03
1924.....	47.80	48.38	50.62	51.30	-----	-----	-----	-----	-----	-----	-----	-----	-----

Division of Statistical and Historical Research. Compiled from Annual Statistical Review of New York Produce Exchange and the Oil, Paint, and Drug Reporter.

<sup>1</sup> Nominal.

# Hay and Feed Statistics

97

**TABLE 122.—Linseed meal: Average price per ton (bagged) at 11 markets, January, 1920–December, 1924**

BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	67.00	63.00	62.50	57.00	54.50	44.70	42.50	42.00	46.50	45.00	36.00	36.80
1921	36.50	47.40	47.50	39.50	44.50	51.80	51.60	54.00	57.40	54.40	54.90	52.50
1922	48.60	46.10	45.90	53.60	56.00	56.90	57.40	56.30	48.40	45.00	45.00	44.00
1923	44.70	48.00	49.30	50.90	48.40	49.20	47.70	45.10	45.25	44.40	43.90	44.90
1924	47.60	50.80	51.75	51.50	51.60	50.70						

BUFFALO

1920	61.50	61.50	60.00	57.50	47.00	40.80	40.50	42.00	41.50	38.60	29.50	32.50
1921					40.50		46.50	50.25	54.00	51.75		46.50
1922	45.25	43.00						50.00	43.75	41.20	39.60	39.50
1923	40.40	45.50	45.50	46.00	43.80	44.50	43.60	40.25	41.70	39.50	40.00	40.75
1924	40.75	47.60	46.50	47.10	45.25	45.75						

CHICAGO

1919							85.50	81.20	78.50	71.50	72.20	71.90
1920	68.80	65.00	65.60	61.80	52.90	42.90	41.80	40.60	43.00	37.60	31.00	31.40
1921	37.40	42.00	41.80	38.10	40.10	45.60	46.30	49.60	53.75	52.10	50.80	47.25
1922	45.70	44.90	41.50	48.10	51.40	52.40	54.10	52.90	45.80	43.30	40.90	38.75
1923	41.90	46.75	50.25	51.25	48.50	47.00	47.25	42.40	41.80	39.60	38.60	42.50
1924	44.00	46.30	45.75	46.60	46.20	47.20						

CINCINNATI

1919							82.20	79.80	76.40	71.00	71.10	71.20
1920	68.80	66.20	64.00	61.10	56.40	46.40	42.60	42.00	43.90	40.10	36.00	37.00
1921	42.00	44.50	44.20	42.70	43.10	48.00	48.30	50.20	56.70	55.40	51.00	48.90
1922	47.00	48.00	43.80	50.30	55.25	55.40	56.00	56.00	50.50	46.10	44.40	40.30
1923	41.75	47.40	50.40	51.00	49.60	47.90	48.10	46.25	44.80	41.60	41.70	44.40
1924	45.60	48.80	47.90	48.75	48.30	48.50						

KANSAS CITY

1919							80.00	85.20	83.50	77.50	75.80	71.00
1920	68.90	65.00	66.50	63.00	-----	45.60	43.60	41.10	45.20	38.40	31.10	31.50
1921	37.50	42.60	42.00	41.60	40.40	46.90	47.60	49.90	54.75	54.40	53.75	49.00
1922	50.00	47.60	45.00	51.25	54.00	54.50	57.50	55.90	48.90	46.60	45.60	43.00
1923	44.10	49.90	53.30	52.40	50.60	49.30	49.10	45.50	44.70	43.90	42.40	45.30
1924	48.50	49.40	48.40	49.90	49.40	51.00						

MINNEAPOLIS

1919							84.40	81.50	78.00	75.00	70.70	67.20
1920	65.40	61.60	63.00	59.20	49.80	40.40	39.20	37.60	40.60	35.60	28.50	28.50
1921	35.30	38.50	38.40	35.40	36.60	43.00	43.10	46.50	52.10	51.10	49.00	48.20
1922	45.00	42.30	39.00	46.75	49.20	50.40	53.10	51.25	45.00	42.10	40.40	37.70
1923	39.75	45.40	47.50	48.40	46.25	46.00	45.10	41.50	40.50	39.25	37.70	41.40*
1924	41.60	44.00	43.00	45.40	44.30	46.40						

NEW YORK

1919									63.30	67.00	66.50*	
1920	64.00	61.10	61.00	56.40	52.00	44.20	44.20	44.00	46.20	40.80	36.10	37.00*
1921	42.20	48.60	47.20	44.50	44.90	52.30	51.10	54.40	58.00	55.90	56.75	53.60*
1922	51.20	48.40	46.90	53.60	55.70	56.10	56.60	55.00	50.00	46.40	45.00	44.20*
1923	44.10	47.80	48.70									

TABLE 122.—*Linseed meal: Average price per ton (bagged) at 11 markets, January, 1920–December, 1924—Continued*

## OMAHA

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	73.00	67.50	69.40	62.70	63.20	42.00	39.20	41.00	86.00	82.00	74.50	71.30
1921	40.00	42.00	42.00	41.00	41.50	48.50			43.00	36.20	32.20	32.80
1922	48.75	47.25	43.10	50.40	53.40	54.60	67.00	56.00	49.30	46.40	44.00	42.00
1923	44.00	49.80	53.30	52.40	50.90	50.25	60.50	47.00	45.70	44.25	43.20	45.20
1924	47.20	49.10	48.00	50.10	48.70	50.80						

## PHILADELPHIA

1919												
1920	68.90	63.40	58.20	57.30	52.60	44.50	44.40	44.40	45.20	30.30	34.00	35.60
1921	41.50	48.20	46.80	42.90	43.60	50.20	49.70	53.00	57.00	54.20	54.20	51.60
1922	48.20	45.70	45.20	52.90	54.60	56.25	57.00	54.90	48.40	44.90	44.00	43.60
1923	43.70	47.90	48.90	48.80	47.60	48.00	47.10	43.90	44.25	43.90	44.10	45.75
1924	47.90	50.80	51.10	51.10	50.50	50.10						

## PITTSBURGH

1920	69.00	65.00		55.30	53.30	44.20	42.50	42.70	43.00	38.80	34.00	36.00
1921	42.20	46.80	45.80	41.60	43.50	50.80	50.00	52.00	56.30	55.00	50.70	
1922	48.70	46.00	44.50	50.60	54.50	56.50	58.00	56.40	51.10	47.25	43.40	41.25
1923	44.80	45.70	51.25	52.00	51.30	47.50	47.20	43.75	44.80	42.60	43.60	44.20
1924	46.80	49.00	50.30	60.10	49.20	50.00						

## SAN FRANCISCO

1921												
1922	52.00	55.00	51.25	48.00	48.00	50.75	51.75	51.25	51.70	53.00	52.00	60.20
1923	50.00	50.75	49.25	47.50	48.00	48.50	49.00	44.00	44.20	43.00	43.80	43.25
1924	43.00	45.75	47.00	46.75	48.00	46.70						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 123.—*Middlings: Average price per ton at Minneapolis, 1916–1924*

Calendar year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1916	10.41	21.61	20.22	19.50	20.00	20.10	19.88	21.48	22.50	27.10	30.81	27.88	22.55
1917	28.83	32.55	34.20	39.56	36.15	33.27	41.90	41.78	35.09	36.25	37.40	35.05	36.34
1918	34.50	34.50	34.85	35.04	33.27	32.69	27.61	31.00	30.90	30.77	30.09	36.27	32.62
1919	48.84	44.14	38.56	40.74	44.81	42.90	47.22	53.08	51.49	44.44	41.22	43.13	46.04
1920	42.97	47.28	51.57	54.88	57.77	56.09	54.22	52.56	45.65	30.62	28.86	23.94	45.62
1921	23.47	20.91	20.86	15.38	15.29	14.83	14.07	14.04	13.97	13.10	15.35	20.73	16.89
1922	20.51	24.76	25.64	23.21	21.20	17.13	17.30	16.24	18.07	23.08	23.23	23.71	21.16
1923	25.90		28.31	27.22	28.70	25.25	24.78	25.48	28.10	28.10	25.00	23.80	
1924	25.43	23.95	21.65	20.96	18.00	19.92	24.46	25.68	25.27	26.04	27.00	31.44	24.28

Division of Statistical and Historical Research. Compiled from Minneapolis Daily Market Record.

TABLE 124.—*Rye middlings: Average price per ton (bagged) at five markets, January, 1920–December, 1924*

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							53.90	56.60				
1920	62.30	61.00	55.50	38.00	30.00	35.00	33.40	28.50	28.00			
1921	21.80	22.40		20.50	20.60		29.00	33.00	32.00	30.75		
1922	26.00	23.80		29.40	30.80	31.40	32.50	34.75		36.40		33.40
1923			35.25	35.75	31.30	30.10	30.25	30.50	29.40	26.00	25.70	26.50

## MINNEAPOLIS

1919							46.60	50.50	53.20		59.00	58.90
1920	55.40	51.00	46.10	30.80	27.80	22.80	23.00	19.10	18.30	14.50	14.00	12.20
1921	12.40	13.00	12.80	11.80	11.80	17.10	16.25	19.00		22.80	19.75	15.00
1922	17.00	14.10	15.60	20.60	22.00	22.50	24.10	25.50	26.70	26.50	27.90	24.70
1923	23.60	24.20	25.70	25.70	23.50	20.50	21.75	20.90	19.30	18.00	16.10	17.50
1924	21.00	23.70	24.10	25.60	26.20	20.60						

## PHILADELPHIA

1920	59.00	57.20	56.40	40.20	38.50	34.00	32.90	27.40	26.50	22.90	22.10	21.00
1921	20.80	21.50	20.80	19.50	21.00		27.75	32.00	31.00	29.50	28.50	23.90
1922	25.00	22.80	22.70	28.50	30.75	320.80	36.50	34.25		35.50	36.00	32.60
1923	32.75	34.50	35.10	31.50	31.50	120.40	29.50	29.50	29.00	26.00	25.20	25.40
1924	28.00	29.00		33.00	35.00							

## PITTSBURGH

1920	61.00	56.50		41.10	36.20	31.30		26.00	25.20	20.60	20.20	19.30
1921	18.80	18.60	18.90	18.90	20.00	26.50	26.75	27.80	29.90	28.00	26.50	23.00
1922	23.25	21.30	22.40	28.30	29.00	29.20	30.75	32.60	33.90	33.30	33.75	32.75
1923	30.75	31.20	33.25	32.40	30.00	27.20	28.50	27.80	26.40	24.75	23.00	24.00
1924	27.30	30.50	30.50	31.90	32.50	36.50						

## RICHMOND

1919							52.50	55.50	57.00	65.20	69.20	68.00
1920	62.20	57.60	56.20	44.50	30.00	31.20		25.00	23.00	22.00	22.00	22.50
1921	21.80	21.80		20.40	22.20		27.50	28.50	31.00	30.00	28.50	
1922	23.40	22.60	23.50	28.75	31.00	30.25	33.00	34.00	35.80	35.75	36.40	33.30
1923	32.00	33.10	34.20									

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 125.—*Hard winter wheat middlings: Average price per ton (bagged) at four markets, January, 1920–December, 1924*

## CINCINNATI

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							55.00	56.20	59.50	64.20	66.30	64.10
1920	63.60	61.00	62.00	43.20	40.70	35.60	32.20	28.60	28.40	22.60	22.00	21.70
1921	19.70	20.90	20.30	21.20	28.40		27.60	29.60	31.60	29.30	28.10	24.40
1922	24.50	28.00	28.50	31.75	33.40	32.90	33.00	35.40	37.80	37.25	35.50	34.30
1923	32.00	33.00	35.60	36.25	34.70	33.75	33.60	32.90	30.50	30.40	27.00	27.75
1924	31.60	34.40	35.40	36.10	36.80	39.20						

TABLE 125.—*Hard winter wheat middlings: Average price per ton (bagged) at four markets, January, 1920–December, 1924—Continued*

## KANSAS CITY

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							51.20	51.40	56.20	60.70	63.80	60.40
1920	60.30			30.00	30.00	25.00				19.00		21.00
1921		15.80	17.10	18.60	19.30	22.10	22.40	26.10	27.25	25.40	23.70	22.50
1922	20.50	22.00	24.25	27.70	27.60	27.40	29.60	32.00	31.80	32.50	28.40	28.10
1923	26.40	27.40	32.00	31.75	30.50	29.70	30.10	28.40	25.70	24.90	20.20	24.25
1924	27.50	28.25	29.75	31.10	31.50	34.60						

## PITTSBURGH

1920	68.50			48.20	44.00	38.00		32.00	31.50	27.90	28.80	28.30
1921	25.40	24.80	26.00	26.70	27.90	31.80	30.90	33.60	35.10	32.90	32.50	29.75
1922	29.20	29.50	30.40	31.50	32.80	34.75	35.25	36.00	38.50	39.00	36.90	37.00
1923	34.50	34.20	37.75	38.25	37.20	36.40	35.50	35.40	33.10	33.10	28.20	30.25
1924	34.75	35.70	36.80	38.00	38.70	41.00						

## ST. LOUIS

1919							53.00		59.20	65.50	66.50	64.00
1920	62.40	60.40	56.40	58.40	39.00	20.70	29.20	24.00	25.80	22.00	23.70	23.00
1921	18.60	18.80	19.80	21.20	22.80		25.50				26.50	21.00
1922				28.90	29.20	29.30	31.00	33.50	33.60	32.20	29.80	29.00
1923	24.75	27.50	33.20	39.00	29.75	30.00	30.75	30.00	27.80	27.00	21.50	27.00
1924	30.00	30.30	31.20	32.75	32.40	36.00						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 126.—*Soft winter wheat middlings: Average price per ton (bagged) at seven markets, January, 1920–December, 1924*

## BOSTON

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							61.00	60.00				
1920	68.00	66.00	64.00	44.30	46.30	45.00	38.50	33.80	36.00	29.00	28.00	
1921	30.00		26.50	29.00	30.50		31.50		36.00	35.00		
1922			30.00		35.75	35.75	36.40	38.00	39.00	40.00	41.00	39.00
1923	38.50		38.00	39.75	38.90	37.25	37.50	37.00	36.70	36.25	34.80	
1924	36.75	39.20	39.50	40.50	40.70	45.90						

## CINCINNATI

1919							54.30	55.20	59.50	64.80	67.40	64.80
1920	63.80	62.20	63.20	45.20	43.50	36.00	33.40	28.50	30.20	24.80	27.10	26.10
1921	23.00	25.00	24.10	24.40	25.50	30.00	31.10	31.25	33.00	31.20	29.60	24.75
1922	27.70	28.60	28.00	31.25	33.40	32.80	33.75	35.90	37.80	37.25	36.75	34.40
1923	32.90	33.00	35.60	36.25	34.70	33.75	33.60	32.90	30.50	30.40	27.00	27.75
1924	31.60	34.50	35.40	36.10	36.80	39.20						

## KANSAS CITY

1921		15.80	17.10	18.60	20.10	22.30	22.50	25.60	27.30	25.80	23.75	22.50
1922	20.75	22.00	21.25	27.60	27.90	27.50	29.60	32.20	31.80	32.50	29.30	28.10
1923	26.60	27.40	32.00	31.75	30.50	29.70	30.10	28.40	26.10	24.90	20.20	24.25
1924	27.50	28.75	29.60	31.10	31.60	34.60						

TABLE 126.—*Soft winter wheat middlings: Average price per ton (bagged) at seven markets, January, 1920–December, 1924—Continued*

PHILADELPHIA

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919							59.50	59.80	63.20		71.00	
1920	63.00	66.00	69.00	44.00	49.00	43.80	38.80	34.00	34.80	30.00	29.70	26.60
1921	28.70	28.30	27.40	30.00	31.70	30.75	33.75	35.70	34.60	32.60	26.90	
1922	30.25	29.50	31.40	23.00	35.25	35.50	36.20	37.10	38.20	38.60	39.80	38.00
1923	38.10	38.70	38.75	39.00	38.20	36.50	36.75	37.00	36.50	35.90	34.20	34.75
1924	36.50	38.00	39.10	40.00	40.80	45.25						

PITTSBURGH

1920	68.50			51.80	43.00	38.70		31.00	31.80	27.90	28.00	27.00
1921	25.00	25.00	25.80	26.70	27.60	31.00	31.25	32.60	34.75	31.90	32.00	29.25
1922	27.80	28.60	29.00	31.50	32.10	32.60	35.10	36.10	38.00	37.90	38.75	38.50
1923	35.60	34.80	36.40	37.00	36.20	33.75	33.90	34.10	32.10	32.10	29.00	30.00
1924	34.50	35.80	35.70	37.00	38.10	40.30						

ST. LOUIS

1919							55.50		62.00	65.20	66.30	66.00
1920	63.20	61.90	58.50	39.90	41.00	32.00	30.10	25.00	26.20	23.00	25.00	24.00
1921	19.00	21.00	20.90	22.50	24.00		26.00					20.25
1922		27.50		29.50	29.00			32.00		31.50	30.50	
1923	24.75	30.00		34.20	32.00	31.00	31.40	20.60	27.90	27.00	22.50	24.90
1924	29.50	31.20	31.50		34.80	34.50						

SAN FRANCISCO

1920							44.00		40.30	36.00	43.00	39.30
1921	39.30	30.50	38.20	39.30	26.70		41.00	44.50	46.70	46.30	52.00	
1922	46.50	45.70	43.00	45.40	49.50	50.00	46.50	43.25	44.75	44.00	44.70	43.20
1923	41.07	42.50	42.00	43.50	41.20	41.00	41.75	40.60	39.40	40.00	39.60	39.00
1924	40.00	44.00	44.00	45.50	45.80	46.30						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 127.—*Spring wheat middlings (standard): Average price per ton (bagged) at nine markets, January, 1920–December, 1924*

BALTIMORE

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919												
1920	64.70	59.20	58.50	46.50	40.00	35.60	53.00	55.60	60.00	62.60	66.00	67.20
1921			23.40	21.70	22.10	28.50	34.30	31.00	30.00	26.20	25.00	24.00
1922	24.00		23.00						34.50	31.00		
1923	31.30	32.00	34.60	34.50	33.50	30.90	31.60	32.60	31.00	28.25	26.40	25.20
1924	27.75	32.50	33.10	35.40	33.60	37.60						

BOSTON

1919							55.00	57.80		66.00	67.90	66.20
1920	64.00	61.20	57.20	40.80	40.20	35.30	34.10	29.60	32.50	27.00	25.00	24.50
1921	23.60	24.80	23.90	22.10	24.20	31.20	29.60	33.70	34.60	31.60	29.90	24.60
1922	25.90	25.10	26.00	30.80	31.30	32.40	34.70	36.30	37.00	38.60	36.40	33.70
1923	33.10	34.10	36.30	36.30	32.90	32.90	33.20	32.20	30.15	27.50	25.60	27.50
1924	32.30	34.00	33.40	33.70	34.40	40.20						

TABLE 127.—*Spring wheat middlings (standard): Average price per ton (bagged) at nine markets, January, 1920–December, 1924—Continued*

## CHICAGO

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1919.....												
1920.....	60.80	54.90	50.20	35.60	32.80	27.20	26.80	23.20	23.60	18.20	18.40	17.60
1921.....	16.80	18.10	17.50	16.20	18.20	24.30	23.00	27.80	28.60	25.80	23.40	19.75
1922.....	19.80	10.00	20.80	20.20	20.10	26.60	28.40	30.10	30.75	30.60	31.25	28.40
1923.....	27.40	28.70	31.10	30.80	28.20	27.00	28.40	26.80	24.40	23.90	20.50	23.30
1924.....	27.25	28.60	28.20	29.40	30.40	34.20						

## CINCINNATI

1919.....												
1920.....	60.90	58.20	55.50	40.40	38.30	33.40	29.60	26.10	27.90	22.40	22.00	21.60
1921.....	19.50	20.90	20.80	20.30	21.20	27.00	27.50	29.60	31.60	29.30	28.25	24.00
1922.....	23.80	24.50	23.90	28.75	30.40	30.00	31.25	33.50	35.30	33.90	34.10	31.40
1923.....	30.90	31.10	34.25	34.10	31.80	30.60	32.00	30.90	28.10	27.00	24.60	26.10
1924.....	20.80	32.00	32.25	32.40	34.10	36.80						

## MINNEAPOLIS

1919.....												
1920.....	55.40	51.80	46.10	31.00	28.60	23.50	23.40	20.50	20.80	14.80	14.90	14.60
1921.....	13.60	14.20	14.00	13.20	15.00	20.00	20.40	24.50	25.50	22.80	20.30	17.50
1922.....	17.30	16.20	17.40	23.00	23.10	23.60	25.60	26.90	28.00	27.80	28.40	25.20
1923.....	24.20	25.90	27.75	27.75	24.80	23.50	25.10	24.30	21.20	20.70	17.90	20.60
1924.....	24.40	25.50	25.10	26.75	27.80	31.60						

## NEW YORK

1919.....												
1920.....	60.90	57.50	55.40	42.50	39.30	34.40	33.50	29.80	30.60	25.10	25.10	24.20
1921.....	23.20	24.10	23.70	22.00	23.80	30.70	29.10	33.10	34.30	31.00	29.40	24.40
1922.....	24.80	24.40	25.60	30.75	31.80	32.20	34.25	35.75	36.25	36.40	36.40	33.60
1923.....	32.50	33.60	36.10									

## PHILADELPHIA

1919.....												
1920.....	60.90	56.50	56.80	39.40	39.20	33.60	33.20	29.20	30.00	24.00	24.10	23.60
1921.....	22.60	23.50	23.00	21.30	23.40	29.40	28.60	32.00	33.75	30.40	28.25	23.75
1922.....	24.60	25.70	25.40	30.25	31.20	31.80	33.90	35.40	36.90	35.40	35.00	33.00
1923.....	32.30	33.60	35.90	35.90	32.30	32.00	32.60	31.90	29.70	26.90	25.10	27.60
1924.....	31.90	33.40	33.10	33.40	34.10	39.75						

## PITTSBURGH

1920.....	62.00	56.50		40.60	37.10	32.30		28.50	28.60	22.50	22.70	22.00
1921.....	20.60	22.20	21.80	20.80	21.70	29.30	27.80	30.30	32.25	20.50	28.10	23.30
1922.....	23.00	22.80	24.90	28.50	30.00	29.60	32.00	33.40	34.40	34.00	35.10	33.60
1923.....	31.25	22.20	34.40	34.25	31.70	30.75	31.50	30.50	28.20	27.25	24.20	
1924.....	30.00	31.50	32.00	32.60	33.80	36.70						

## RICHMOND

1919.....								55.00	56.50	62.00	67.70	71.60	69.50
1920.....	65.00	60.00	58.00	48.00	41.00	33.60		30.50	31.75	34.25	31.50	25.70	25.50
1921.....	23.80	24.20		23.00	23.20							29.75	
1922.....	24.75	25.75	25.50	31.00	32.00	31.00		35.00	36.50	36.10	36.60	32.75	
1923.....	33.10	34.25	36.20										

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 128.—*Hard winter wheat shorts: Average price per ton (bagged) at six markets, July, 1920—December, 1924*

ATLANTA

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
1921												
1922	29.50	30.00	35.50	35.50	34.20	35.00	32.00	35.00	34.00	33.30	27.00	
1923	35.25	35.80	38.10	39.00	37.40	35.50	37.30	35.00	34.50	33.75	31.40	31.00
1924	33.00	37.50	37.40	37.50	38.20	42.00						

KANSAS CITY

1920	57.50	67.50	55.20	35.00	32.00	26.00	25.00	21.20	21.00	18.70	21.10	17.60
1921	12.80	13.60	14.40	15.20	16.50	20.40	21.00	21.60	25.90	21.20	22.10	20.00
1922	18.00	19.00	20.80	25.40	25.75	25.60	27.00	30.40	30.30	30.60	28.00	26.20
1923	25.00	25.80	30.40	30.00	27.60	27.00	27.90	26.90	24.75	23.90	18.80	22.10
1924	25.00	26.50	28.25	29.75	30.00	32.90						

MEMPHIS

1920					42.00	32.00	29.00	26.30	25.30	23.80	27.00	23.00
1921	17.40	18.00	22.40	22.60	23.40	26.50	26.25	28.60	29.40	27.90	28.90	26.60
1922	24.90	24.80	28.40	30.25	30.50	29.60	31.25	33.25	35.10	34.25	31.90	30.20
1923	29.75	32.10	34.00	33.90	31.90	32.10	32.00	30.60	28.00	27.25	22.90	24.80
1924	31.10	31.20	30.60	32.90	33.25	37.00						

OMAHA

1920	52.00	57.20	53.10	29.60	29.10	27.50	24.00	22.00	22.00	16.10	21.70	17.50
1921	14.50	15.20	15.80	18.00	20.00							22.70
1922	17.75	19.00	21.00	25.75	26.50	25.60	26.90	28.75	30.40	20.75	29.10	25.80
1923	25.60	26.00	30.50	30.40	28.80	27.50	27.75	27.25	25.00	24.00	20.50	22.25
1924	25.10	26.40	27.25	29.10	26.50	32.40						

ST. LOUIS

1920	57.00	57.00		35.00	37.00	27.30	26.40	22.30	24.50	20.80	21.70	20.00
1921	17.40	17.10	18.00	18.90	20.80		24.60	25.50	27.20	20.50	26.00	25.40
1922	22.30	22.00	25.30	28.50						32.50	29.50	29.00
1923	27.50	29.25		31.50	30.90	29.75	29.50		27.00			
1924	30.75	30.75				36.50						

SAN FRANCISCO

1920							46.00	47.00		36.00	39.00	
1921	34.00	30.00	26.50	27.00	26.00	26.70	28.00			37.00	40.00	
1922	39.00	38.00	35.00	35.00	30.25	39.00	35.00	33.50	35.30	37.00	37.00	36.00
1923	33.70	32.75	32.00	35.00	30.80	32.00	33.00	31.50	31.80	33.00	32.60	31.30
1924	33.00	37.00	35.00	38.25	37.60	44.00						

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 129.—*Feed: Average price per ton at Atlanta, July, 1923—June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Bran, hard winter wheat	28.60	31.10	37.25	37.60	35.30	33.90	35.50	33.00	32.00	31.90	28.80	28.60
Bran, soft winter wheat	29.00	31.50	37.75	38.10	35.80	34.40	36.00	33.50	33.40	32.40	29.30	29.10
Bran, spring wheat	28.50	31.10	37.40	37.75	35.50	34.10	35.80	33.50	33.10	31.90	29.20	28.75
Cottonseed meal (36 percent protein)	36.40	36.80	30.75	40.50	42.20	42.50	40.80	39.25	37.00	36.40	37.20	37.30
Hominy, white	38.75	39.20	30.75	41.00	40.40	38.75	39.00	37.25	30.30	36.25	33.60	35.00
Hominy, yellow	38.75	39.20	30.75	41.00	40.20	38.50	38.50	37.00	38.10	36.25	33.60	35.00
Middlings, hard winter wheat	34.50	34.80	37.90	38.50	36.60	35.00	36.00	34.50	34.10	32.90	30.80	30.50
Middlings, soft winter wheat	37.25	37.80	40.00	41.25	39.50	36.60	38.90	38.25	35.60	34.60	33.00	33.00
Middlings, spring wheat	35.50	36.00	33.50	39.50	37.50	33.90	37.00	36.25	34.50	33.00	31.60	31.25
Shorts, hard winter wheat	35.25	35.80	38.10	39.00	37.40	35.50	37.30	35.00	34.50	33.75	31.40	31.00

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 130.—*Feed: Average price per ton at Baltimore, July, 1923—June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal, No. 1 medium	31.25	31.90	33.90	34.75	36.20	34.75	35.00	33.75	31.00	30.25	31.40	31.30
Beet pulp, dried	45.00	45.00	43.60	39.50	35.75	35.50	35.50	36.00	38.00	39.50	38.00	38.00
Bran, soft winter wheat	28.50	30.40	34.80	35.40	34.90	33.00	32.90	33.25	32.40	30.60	29.20	28.50
Bran, spring wheat	26.90	28.60	34.20	34.50	33.90	31.75	32.00	32.25	31.10	29.00	26.60	25.20
Cottonseed meal (36 percent protein)	42.20	43.25	46.20	44.60	49.70	48.70	46.30	43.60	43.60	44.30	44.50	45.50
Cottonseed meal (41 percent protein)	47.10	51.50	52.00	51.90	53.75	52.80	51.00	47.00	46.10	46.75		
Gluten	43.00	43.70	48.60	50.30	50.50	48.25	46.10	43.60	39.90	38.00	38.30	38.80
Hominy, white	37.10	37.40	38.60	40.60	41.30	38.90	36.40	36.25	35.30	33.90	34.60	35.70
Hominy, yellow	36.50	36.80	38.10	40.10	40.70	37.75	35.40	35.25	34.20	33.40	34.00	35.20
Middlings, soft winter wheat	31.60	32.00	34.60	35.00	34.50	31.75	32.10	33.40	31.90	30.10	29.20	28.10
Middlings, spring wheat (standard)	31.30	32.00	34.60	34.50	33.50	30.90	31.60	32.60	31.00	28.25	26.40	25.20

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 131.—*Feed: Average price per ton at Boston, July, 1923—June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Bran, hard winter wheat	27.40	31.60	36.75		34.70	33.50	33.90	34.80	32.90	32.80	28.50	30.50
Bran, soft winter wheat	28.60	28.75	37.00	38.00	35.70	35.00	35.10	35.80	34.15	33.60	30.25	
Bran, spring wheat	28.10	31.40	35.75	36.25	33.60	33.40	33.25	32.20	30.65	28.00	28.20	27.80
Cottonseed meal (36 percent protein)	43.25	44.75	48.50	48.70	49.40	48.60	47.90	44.90	43.40	43.30	43.70	44.10
Cottonseed meal (41 percent protein)	51.60	53.80	52.75	53.10	56.20	53.80	51.00	48.60	46.90	46.40	47.60	48.00
Cottonseed meal (43 percent protein)	52.90	53.25	55.00	55.20	58.25	55.80	55.00	51.90	50.20	50.20	50.25	52.90
Gluten feed	44.00	47.70	51.40	52.50	50.90	47.80	46.00	42.50	41.60	38.70	39.30	41.80
Hominy, white	38.10	39.20	41.25	43.70	42.00	38.00	37.60	36.50	35.00	34.25	35.40	38.30
Hominy, yellow	37.70	38.50	40.70	42.90	40.60	36.10	36.00	36.10	34.25	33.70	34.80	35.00
Linseed meal	44.70	48.00	49.30	50.90	48.40	49.20	47.70	45.10	45.25	44.40	43.90	44.90
Middlings, rye					35.25	35.75	31.30	30.10	30.25	29.40	26.00	25.70
Middlings, soft winter wheat	38.50	37.00	38.00	39.75	38.90	37.25	37.50	37.00	36.70	36.25	34.80	
Middlings, spring wheat	33.10	34.10	36.30	36.30	32.90	32.90	33.20	32.20	30.20	27.50	25.60	27.50

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 132.—Feed: Average price per ton at Buffalo, July, 1923—June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Beet pulp, dried.....	42.30	43.00	41.40	36.00	36.30	34.75	34.00	36.25	36.00	37.70	39.00	39.70
Bran, hard winter wheat.....	26.50	33.00	35.10	35.80	33.50	33.00	32.25	31.50	29.30	27.70	24.80	26.10
Bran, soft winter wheat.....	27.20	32.30	35.70	36.40	34.20	33.75	33.10	32.25	30.00	28.50	25.30	26.60
Bran, spring wheat.....	24.80	30.00	32.50	33.20	30.10	30.00	29.50	28.00	28.90	25.25	23.25	23.90
Cottonseed meal (36 per cent protein).....	42.90	44.50	46.40	46.75	49.25	47.70	45.60	44.30	43.40	43.25	43.60	44.50
Cottonseed meal (41 per cent protein).....	52.10	51.30	51.10	50.00	53.40	51.50	49.70	47.60	46.60	45.90	45.75	47.40
Cottonseed meal (43 per cent protein).....												
Gluten feed.....	41.40	45.50	48.20	49.20	47.60	44.30	43.30	42.60	38.90	35.10	36.30	38.60
Hominy, white.....	25.10	36.90	38.60	41.90	40.00	36.25	35.00	33.75	32.25	32.70	33.50	36.10
Hominy, yellow.....	34.50	36.30	38.00	40.80	39.00	32.75	32.40	33.10	31.60	31.75	32.90	35.40
Linseed meal.....	40.40	45.50	45.50	46.00	43.80	44.50	43.00	40.25	41.67	39.50	40.00	40.75
Middlings, rye.....	28.50	30.70	31.50	31.75	29.00	28.00	27.70	—	24.75	22.00	20.90	22.00
Middlings, hard winter wheat.....	30.50	34.25	37.00	38.00	35.40	35.50	35.25	35.00	32.90	31.70	28.10	29.50
Middlings, soft winter wheat.....	32.00	35.80	38.00	39.00	30.20	36.50	36.25	36.00	33.90	32.30	29.00	30.50
Middlings, spring wheat.....	29.80	31.80	32.50	33.20	29.10	29.25	29.50	28.60	26.70	23.50	22.00	23.80
Shorts, hard winter wheat.....	31.00	34.25	37.00	38.00	35.40	35.50	35.25	35.00	32.90	32.00	28.10	29.50

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 133.—Feed: Average price per ton at Chicago, July, 1923—June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal, No. 1 medium.....	24.70	26.60	28.50	29.90	29.80	27.90	27.90	26.60	25.00	27.10	26.40	25.10
Barley, ground.....	33.90	33.20	32.60	33.80	34.10	32.70	33.70	33.70	36.50	37.50	37.90	38.40
Bran, hard winter wheat.....	22.30	27.60	31.10	31.70	30.00	28.30	29.70	28.25	27.30	26.80	21.70	23.25
Bran, spring wheat.....	22.40	28.30	30.70	30.90	28.40	28.00	27.75	26.40	24.80	23.70	20.70	22.25
Cottonseed meal (36 per cent protein).....	41.00	43.60	45.90	45.50	47.60	46.10	45.25	42.50	41.80	41.75	41.40	42.10
Cottonseed meal (41 per cent protein).....	47.10	49.50	49.40	49.30	51.80	49.90	49.25	45.75	44.90	44.60	44.10	44.80
Cottonseed meal (43 per cent protein).....												
Gluten feed.....	37.20	41.00	44.00	45.25	43.80	40.00	39.40	36.20	34.40	30.80	32.30	34.40
Hominy, white.....	32.00	33.40	34.00	38.25	34.90	31.00	31.75	30.25	29.20	29.00	29.90	33.00
Hominy, yellow.....	31.25	32.60	34.30	33.20	33.90	30.10	30.10	30.40	29.30	28.90	29.00	20.10
Linseed meal.....	41.00	46.75	50.25	51.25	48.50	47.00	47.25	42.40	41.80	39.60	38.60	42.50
Middlings, rye.....		27.00	20.50	29.40	27.75	—	24.00	—	—	19.00	22.75	
Middlings, hard winter wheat.....		35.25	—	—	—	—	29.25	33.00	—	—	31.50	
Middlings, spring wheat.....	27.40	23.70	31.10	30.80	28.20	27.00	28.40	26.80	24.40	23.90	20.50	23.30

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 134.—*Feed: Average price per ton at Cincinnati, July, 1923–June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal, No. 1 medium	27.50	26.90	30.00	30.75	31.80	30.00	29.60	28.40	26.50	27.60	27.90	26.50
Barley, ground	34.00	35.00	34.25	34.00	34.00	34.00	34.30	36.00	36.00	36.00	36.80	37.90
Beet pulp, dried	44.00	44.00	44.00	39.50	38.00	38.00	38.00	37.75	37.00	37.00	37.00	37.00
Bran, hard winter wheat	25.10	27.80	33.40	33.60	31.80	31.00	31.75	31.25	30.60	28.50	28.40	24.30
Bran, soft winter wheat	25.10	27.80	33.40	33.60	31.80	31.00	31.75	30.50	28.40	27.40	23.70	25.00
Cottonseed meal (36 per cent protein)	41.00	42.10	44.40	45.25	47.30	45.25	45.10	42.50	40.30	39.00	39.90	39.90
Cottonseed meal (41 per cent protein)	46.25	48.10	50.25	48.25	51.00	49.25	49.10	46.50	44.30	43.00	43.90	43.40
Cottonseed meal (43 per cent protein)		50.00				51.50	51.10	48.50	46.30	45.00	45.90	45.90
Gluten feed	40.00	42.90	46.90	48.20	49.60	43.80	42.30	39.00	37.30	33.40	35.40	36.90
Hominy, white	35.60	35.80	37.50	39.25	37.50	33.50	34.00	33.00	32.00	32.00	32.00	34.00
Hominy, yellow	35.60	35.80	37.50	39.25	37.50	33.50	33.90	33.00	32.00	32.00	32.00	34.00
Linseed meal	41.75	47.40	50.40	51.00	49.00	47.90	48.10	46.25	44.80	41.60	41.70	44.40
Middlings, hard winter wheat	32.90	33.00	35.60	36.25	34.70	33.75	33.00	32.90	30.50	30.40	27.00	27.75
Middlings, soft winter wheat	32.90	33.00	35.60	36.25	34.70	33.75	33.00	32.90	30.50	30.40	27.00	27.75
Middlings, spring wheat	30.90	31.10	34.25	34.10	31.80	30.60	32.00	30.90	28.10	27.00	24.50	26.10

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 135.—*Feed: Average price per ton at Kansas City, July, 1923–June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal, No. 1 medium	21.50	22.70	25.90	25.70	26.90	24.75	26.25	23.90	23.20	20.90	21.20	21.75
Barley, ground	28.50		30.00			31.00	30.80	31.50				
Bran, hard winter wheat	19.25	23.70	27.70	28.00	25.80	25.10	26.50	24.75	24.20	23.20	18.00	19.40
Bran, soft winter wheat	19.40	23.70	27.80	28.25	26.00	25.30	26.50	24.75	24.20	23.20	19.00	19.40
Cottonseed meal	46.50	48.60	47.50	48.10	51.20	48.40	47.10	44.60	43.25	43.25	42.80	44.60
Linseed meal	44.10	49.90	53.30	52.40	50.60	49.30	49.10	45.50	44.70	43.90	42.40	45.30
Middlings, hard winter wheat	26.40	27.40	32.00	31.75	30.50	29.76	30.10	28.40	25.70	24.90	20.20	24.25
Middlings, soft winter wheat	20.60	27.40	32.00	31.75	30.50	29.70	30.10	28.40	26.10	24.90	20.20	24.75
Red dog <sup>1</sup>			33.40	32.50	32.40	31.60	31.60	31.10	29.60	28.80	26.10	30.70
Shorts, brown <sup>1</sup>	24.90	25.50	29.70	30.00	28.00	27.40	27.70	27.10	24.70	23.90	18.90	22.60
Shorts, grey <sup>1</sup>	26.70	27.00	30.90	31.60	29.90	30.00	29.60	28.70	25.80	24.80	19.90	24.10
Shorts, hard winter wheat	25.00	25.80	30.40	30.00	27.60	27.00	27.90	26.90	24.75	23.90	18.80	22.10

Division of Statistics and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division, except as noted.

<sup>1</sup> Compiled from daily quotations in Minneapolis Daily Market Record.

TABLE 136.—*Feed: Average price per ton at Los Angeles, July, 1923–June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal	30.00	30.00	30.00	30.00	30.20	30.75	32.00	31.00	33.60	35.50	34.00	32.00
Barley, ground	33.75	34.80	36.60	38.00	38.20	37.50	38.75	40.00	40.20	40.25	42.40	46.00
Beet pulp, dried		34.00	35.50	37.40	37.50	37.50	37.40	38.00	38.00	38.00	38.00	38.30
Bran, hard winter wheat	32.00	31.00	31.00						32.00	30.00		
Bran, soft winter wheat	39.30	40.00		32.00								
Cottonseed meal (41 per cent protein)	43.50	42.00	42.00	42.25	44.00	45.40	43.75	42.40	42.50	42.10	42.00	42.00

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 137.—Feed: Average price per ton at Memphis, July, 1923–June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal.....	25.25	27.20	28.60	29.75	30.70	27.80	28.10	27.60	24.80	28.00	27.00	28.10
Bran, hard winter wheat.....	23.00	—	31.30	31.00	30.00	29.00	28.90	28.50	27.75	27.00	22.20	25.10
Bran, soft winter wheat.....	22.75	27.25	32.10	32.25	29.80	29.75	30.60	29.50	27.80	27.70	22.80	24.40
Cottonseed meal (36 per cent protein).....	35.40	39.00	40.20	40.75	42.70	40.60	39.10	37.75	36.70	36.60	30.50	36.60
Cottonseed meal (41 per cent protein).....	41.40	43.20	42.90	44.90	47.40	45.00	43.60	41.00	39.60	39.50	39.50	40.25
Cottonseed meal (43 per cent protein).....	—	—	43.00	—	—	47.00	46.20	43.10	41.60	41.75	41.20	44.50
Middlings, hard winter wheat.....	—	—	—	33.50	30.00	31.00	32.00	29.50	28.00	26.50	24.75	—
Middlings, soft winter wheat.....	—	—	34.00	34.00	—	30.50	—	—	28.30	—	—	—
Middlings, spring wheat.....	—	—	34.00	34.00	—	32.25	31.70	30.75	—	27.25	—	—
Shorts, hard winter wheat.....	29.75	32.10	34.00	33.90	31.90	32.10	32.00	30.60	28.00	27.25	22.90	24.80

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 138.—Feed: Average price per ton at Minneapolis, July, 1923–June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Bran, spring wheat.....	19.40	23.60	27.40	27.90	25.40	24.25	24.70	23.60	21.50	20.70	17.40	19.40
Linseed meal.....	39.75	45.40	47.50	48.40	46.25	46.00	45.10	41.50	40.50	39.25	37.70	41.40
Middlings, rye.....	23.60	24.20	25.70	25.70	23.50	20.50	21.75	20.90	19.30	18.00	16.10	17.50
Middlings, spring wheat.....	24.20	25.90	27.75	27.75	24.80	23.50	25.10	24.30	21.20	20.70	17.88	20.60
Red dog <sup>1</sup> .....	32.60	32.70	33.80	34.00	31.90	30.70	32.40	32.40	32.10	31.90	30.90	32.10

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division, except as noted.

<sup>1</sup> Compiled from daily quotations in Minneapolis Daily Market Record.

TABLE 139.—Feed: Average price per ton at Omaha, July, 1923–June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal.....	22.90	23.70	26.40	26.60	27.50	27.10	26.75	25.20	23.00	24.60	24.80	23.40
Bran, hard winter wheat.....	19.50	22.80	28.10	27.75	26.20	25.20	25.75	24.90	23.90	23.25	18.80	19.80
Cottonseed meal (41 per cent protein).....	46.80	45.30	48.20	50.25	52.75	51.60	—	—	—	—	—	—
Cottonseed meal (43 per cent protein).....	—	—	49.75	—	—	—	50.75	48.10	45.70	45.25	45.00	46.25
Hominy, white.....	20.75	30.30	31.50	34.75	33.40	27.50	28.75	28.50	27.00	27.75	26.60	30.25
Hominy, yellow.....	20.75	30.20	31.50	34.60	33.40	27.50	28.75	28.50	27.00	28.00	26.70	30.25
Linseed meal.....	44.90	40.80	53.30	52.40	50.90	50.25	50.50	47.60	45.70	44.25	43.20	45.20
Middlings, hard winter wheat.....	20.25	29.30	32.25	33.00	32.00	30.75	30.20	28.90	26.60	25.00	21.70	24.50
Shorts, hard winter wheat.....	25.60	26.60	30.50	30.40	28.80	27.50	27.75	27.25	25.00	24.00	20.50	22.25

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 140.—*Feed: Average price per ton at Philadelphia, July, 1923—June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Bran, hard winter, wheat	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Bran, soft winter, wheat	27.25	31.00	35.75	36.40	34.10	33.00	33.75	34.10	32.50	32.40	27.70	27.90
Bran, spring, wheat	27.90	31.90	36.50	37.50	34.25	34.60	35.25	33.70	33.00	29.10	29.25	
Cottonseed meal, 36 per cent protein	27.50	31.20	35.60	35.90	33.10	32.50	32.90	32.10	30.20	28.00	25.70	27.25
Cottonseed meal, 41 per cent protein	43.90	45.75	47.30	48.25	50.90	49.25	48.00	45.90	45.20	44.75	45.10	45.30
Cottonseed meal, 43 per cent protein	50.00	53.10	51.80	52.60	55.50	52.90	51.75	49.00	47.60	47.25	48.40	48.00
Gluten, feed	51.50	47.20	50.10	51.40	49.80	46.80	54.30	51.00	40.40	49.30	49.75	51.60
Hominy, white	43.25	47.20	50.10	51.40	49.80	46.80	45.40	42.25	40.50	37.90	38.30	40.90
Hominy, yellow	30.70	38.30	40.20	43.00	42.00	37.60	38.80	36.00	34.00	33.40	34.90	37.20
Linseed meal	36.10	37.70	39.75	41.50	40.00	35.75	34.90	35.10	33.70	32.00	34.40	38.75
Middlings, rye	43.70	47.90	48.00	48.80	47.60	48.00	47.10	43.00	44.25	43.00	44.10	45.75
Middlings, soft winter, wheat	32.75	34.50	35.10	31.50	29.40	29.50	29.50	28.50	29.00	26.00	25.20	25.40
Middlings, spring wheat	38.10	38.70	38.75	39.00	38.20	36.50	36.75	37.00	36.30	35.00	34.20	34.75
	32.30	33.60	35.90	35.00	32.30	32.00	32.60	31.90	20.70	26.00	25.10	27.60

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 141.—*Feed: Average price per ton at Pittsburgh, July, 1923—June, 1924*

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Beet pulp, dried	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Bran, hard winter, wheat	39.50	39.80	39.30	38.10	35.20	33.00	33.60	33.75	37.50	35.50	25.50	26.00
Bran, soft winter, wheat	26.75	28.90	34.90	34.90	33.20	32.60	32.75	32.10	31.10	30.50	26.90	26.90
Bran, spring wheat	27.60	30.20	35.40	35.60	33.90	33.25	33.25	33.10	31.60	31.25	24.60	25.40
Cottonseed meal, 36 per cent protein	41.75	43.10	45.40	46.50	49.60	46.90	40.00	44.50	43.25	42.90	42.40	45.00
Cottonseed meal, 41 per cent protein	45.90	46.60	49.50	50.40	53.40	51.50	49.75	47.50	46.40	45.80	45.10	46.20
Cottonseed meal, 43 per cent protein								51.75	48.50	47.40	46.90	46.90
Gluten feed	41.10	44.60	49.20	40.20	47.60	44.80	43.30	40.00	38.30	35.90	36.00	37.90
Linseed meal	44.30	45.70	51.25	52.00	51.30	47.50	47.20	43.75	44.80	42.60	43.60	44.20
Middlings, rye	30.75	31.20	33.25	32.40	30.00	27.20	28.50	27.80	26.40	24.75	23.00	24.00
Middlings, hard winter, wheat	31.50	31.20	37.75	38.25	37.20	36.40	35.50	35.40	33.10	33.10	28.20	30.25
Middlings, soft winter, wheat	35.60	34.80	36.40	37.00	36.20	33.75	33.90	34.10	32.10	32.10	29.00	30.00
Middlings, spring wheat	31.25	32.20	34.40	34.25	31.70	30.75	31.50	30.50	28.20	27.25	24.20	26.10
Shorts, hard winter, wheat	33.00	32.70	36.20	—	34.00	34.00	—	—	—	—	—	—

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 142.—Feed: Average price per ton at St. Louis, July, 1923—June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Alfalfa meal, No. 1 medium	23.30	26.25	27.00	28.25	28.60	26.90	26.10	24.80	23.20	25.00	24.40	24.30
Bran, hard winter, wheat	21.40	24.70	30.20	29.50	28.00	27.10	28.40	27.10	26.30	25.60	20.40	21.40
Bran, soft winter, wheat	21.40	23.40	31.00	30.90	28.70	28.00	28.90	27.60	26.30	25.90	20.80	23.10
Cottonseed meal, 36 per cent protein				44.00	46.00	45.00	43.60	40.10	39.75	38.75	38.80	41.40
Cottonseed meal, 41 per cent protein				48.00	50.20	48.40	47.00	43.60	43.20	42.25	42.30	44.25
Cottonseed meal, 43 per cent protein								44.00	44.80	43.75	43.80	45.75
Hominy, white	31.60	33.10	33.70	36.00	34.00	30.50	30.75	29.75	28.30	28.10	28.40	31.50
Hominy, yellow	31.00	34.00			36.00	30.00	30.50			28.00	28.00	29.25
Linseed meal					51.50	50.10	49.40	48.50	43.75	44.20	42.40	39.80
Middlings, hard winter, wheat	24.75	27.50	33.20	38.00	29.75	30.00	30.75	30.00	27.80	27.00	21.50	27.00
Middlings, soft winter, wheat	24.75	30.00		34.20	32.00	31.00	31.40	29.60	27.90	27.00	22.50	24.90
Mixed feed <sup>1</sup>	24.80	25.40	30.70	32.00	30.40	28.30	30.80	29.40	27.90	26.90	22.00	22.30
Oat feed <sup>1</sup>	9.00	11.10	15.00	15.50	14.20	13.80	14.40	15.00	13.70	11.80	11.00	10.30
Shorts, brown	27.00	26.70	30.50	31.20	29.00	27.80	29.90	28.70	26.60	26.00		
Shorts, grey	20.20	28.80	32.50	33.40	31.60	30.60	32.00	30.70	28.00	27.10	22.40	23.80
Shorts, hard winter	27.50	29.25		31.50	30.90	29.75	29.50		27.00			
Shorts, white <sup>1</sup>	31.90	32.20	34.50	34.80	32.40	32.70	33.50	33.70				

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division, except as noted.

<sup>1</sup> Compiled from daily quotations in the Minneapolis Daily Market Record.

TABLE 143.—Feed: Average price per ton at San Francisco, July, 1923—June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Beet pulp, dried	41.00	41.00	40.50	41.00	41.00	38.00	37.00	37.00	37.00	37.00	37.00	37.00
Bran, soft winter, wheat	32.70	31.75	30.75	32.75	29.80	31.00	32.00	30.50	31.20	33.00	32.60	32.50
Cottonseed meal	46.70	49.25	49.00	49.50	50.00	51.00	51.00	50.25	48.80	48.75	49.00	50.00
Linseed	50.00	50.75	49.25	47.50	48.00	48.50	49.00	44.00	44.20	43.00	43.80	43.25
Middlings, soft winter, wheat	41.70	42.50	42.00	43.50	41.20	41.00	41.75	40.50	39.40	40.00	39.60	39.00
Shorts, hard winter, wheat	33.70	32.75	32.00	35.00	30.80	32.00	33.00	31.50	31.80	33.00	32.60	31.30

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 144.—Feed: Average price per ton at Savannah, July, 1923—June, 1924

Kind of feed	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Beet pulp, dried	42.25	41.50	40.75	38.80	38.20	39.00	37.25	40.25	41.80	40.25	39.20	40.00
Bran, soft winter, wheat	30.00	31.50	37.50	38.25	37.20	36.10	38.60	36.30	34.40	33.75	30.20	30.00
Cottonseed meal, 36 per cent protein	37.75	38.40	40.90	41.40	42.90	42.10	41.80	40.40	38.20	38.25	38.10	38.10
Middlings, soft winter, wheat	32.60	35.60	41.50	42.00	41.40	38.60	40.25	40.75	36.60	36.00	32.20	33.70
Middlings, spring				42.50	42.00		32.00		37.50			32.00

Division of Statistical and Historical Research. Compiled from weekly reports of the Hay, Feed, and Seed Division.

TABLE 145.—*Hay: Tonnage originating on railroads in the United States by divisions, 1899–1923*<sup>1</sup>

Year ended June 30	Division 2			Total
	Eastern	Southern	Western	
	Short tons	Short tons	Short tons	
1899.....				Short tons 3,542,411
1900.....				4,112,062
1901.....				4,086,700
1902.....				4,681,509
1903.....				4,641,440
1904.....				5,228,475
1905.....				5,191,830
1906.....				5,479,755
1907.....				5,847,828
1908.....				5,446,336
1909.....				5,453,515
1910.....				5,975,949
1911.....	2,742,535	486,271	3,077,939	6,306,745
1912.....	2,753,303	441,295	3,633,699	6,823,207
1913.....	2,835,158	520,637	3,788,000	7,144,455
1914.....	2,826,405	483,654	4,008,514	7,318,573
1915.....	2,865,235	366,802	4,417,086	7,649,093
1916.....	2,810,000	527,079	3,975,800	7,312,879
Calendar year:				
1917.....	3,168,233	603,866	4,542,588	8,314,485
1918.....	3,075,048	774,627	4,391,550	8,241,125
1919.....	2,613,325	694,100	4,175,614	7,482,108
1920.....	2,523,969	722,884	4,704,510	7,957,363
1921.....	2,114,403	452,752	2,586,403	5,153,558
1922.....	2,378,121	457,320	2,886,617	5,722,058
1923.....	2,398,714	496,321	3,070,080	5,966,025

Interstate Commerce Commission.

<sup>1</sup> The figures in this table are for all operating roads, 1899–1912; class 1 and 2 roads, 1913–1916; class 1 roads, 1917, and subsequently. Class 1 roads are those having annual operating revenues of \$1,000,000 and over, class 2 from \$100,000 to \$1,000,000, and class 3 under \$100,000.

<sup>2</sup> Eastern division includes the New England States, New York, Pennsylvania, New Jersey, Delaware, Maryland, Ohio, Indiana, Michigan, part of West Virginia, and Illinois; southern division, Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Florida, part of Louisiana, and West Virginia; Western division, Minnesota, Wisconsin, Iowa, North Dakota, South Dakota, Wyoming, Montana, Missouri, Nebraska, Idaho, Washington, Oregon, California, Arizona, Nevada, Texas, Utah, Colorado, Kansas, Arkansas, Oklahoma, New Mexico, part of Louisiana, and Illinois.

TABLE 146.—*Hay: Freight rates per 100 pounds, 1913 and 1923*

## ALFALFA

Shipping point	Destination																			
	Los Angeles		Denver		Salt Lake City		Fort Worth		Kansas City		Omaha		Chicago		St. Louis		New York		Philadelphia	
	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923
Phoenix, Ariz.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	
El Paso, Tex.	30	42	70	98.5	70	98.5	76	67	85	100	88	100	94	114.5	91	107.5	100	150	100	150
Bakersfield, Calif.	83	117	51	76.5	107	133	21	37	43.5	76.5	51.5	80	53.5	82	48.5	76.5	83.5	138.5	81.5	136.5
Denver, Colo.	19	27	83	117	75	85.5	90	135	95	142.5	95	142.5	100	146	100	146	100	150	100	150
Las Vegas, N. Mex.	60	76	56	56.5	36	56	25	35	33.5	25	38.5	35	54.5	30	46.5	65	111	63	109	
Fallon, Nev.	60	76	28	41	81	93.5	36	53	35	51.5	71	106	45	66.5	40	59	75	123	73	121
	42.5	54	73	70.5	56.5	39	79	126.5	85	73	85	73	97	102	94	84	100	148.5	100	146.5

## HAY, OTHER THAN ALFALFA

Phoenix, Ariz.	30	42	70	98.5	70	98.5	76	114	83	124.5	83	124.5	94	141	91	137	100	150	100	150
El Paso, Tex.	83	117	58	76.5	114	133	21	37	63	76.5	67	80	70	82	63	76.5	98	138.5	96	136.5
Bakersfield, Calif.	19	27	83	117	75	85.5	90	135	95	142.5	95	142.5	100	146	100	146	100	150	100	150
Denver, Colo.	60	76	56	56.5	36	56	25	40	25	40	35	54.5	30	47	65	111	63	109		
Las Vegas, N. Mex.	60	76	28	41	81	93.5	36	53	35	51.5	71	106	45	66.5	40	59	75	123	73	121
Fallon, Nev.	42.5	54	73	70.5	56.5	49	79	126.5	85	73	85	73	97	102	94	84	100	148.5	100	146.5

Interstate Commerce Commission. Figures printed in italics are for "class rate."

TABLE 147.—*Feeds: Freight rates per 100 pounds, 1913 and 1923*  
COTTONSEED OIL

Shipping point	Destination																	
	Boston		New York		Philadelphia		Milwaukee		Chicago		St. Louis		Kansas City		San Francisco		Indianapolis	
	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923	1913	1923
Phoenix, Ariz.	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Phoenix, Ariz.	167	135	167	135	167	135	147	75	147	75	143	75	133	75	93	75	152	75
Calexico, Calif.	190	135	190	135	190	135	175	75	175	75	168	75	160	75	77.5	75	180	75
Houston, Tex.	57	87.5	55	87.5	53	76.5	42	64	41	62.5	35	53.5	35	53.5	90	135	46	70
Memphis, Tenn.	34	51	32	48	30	45	23	35	21	32.5	15	23	20	32.5	90	150	19.5	29.5
Little Rock, Ark.	47	71.5	45	68.5	43	65.5	26	39.5	24	36.5	18	27.5	21	32.5	90	150	29.5	50

## COTTONSEED OIL CAKE

Phoenix, Ariz.	138	113	138	113	138	113	118	90	118	90	114	90	104	90	50	56.5	123	113	135	131.5
Calexico, Calif.	152	113	152	113	152	113	140	90	140	90	135	90	123	90	36.5	48.5	146	113	155	131.5
Houston, Tex.	47.5	72.5	45.5	70	43.5	66.5	36	55	36	55	30	45.5	25	38.5	60	97.5	34	53.5	84.5	120
Memphis, Tenn.	28.5	44.5	26.5	41.5	24.5	38.5	18	27	16	24	10	15	17	26	60	105	16	24	76.5	120
Little Rock, Ark.	35.5	55	34.5	51.5	31.5	48.5	24	36.5	20	30.5	13	20.5	17	26	60	105	23	35	84.5	120

## COTTONSEED MEAL

Phoenix, Ariz.	138	113	138	113	138	113	118	90	118	90	114	90	104	90	50	56.5	123	113	135	131.5
Calexico, Calif.	152	113	152	113	152	113	140	90	140	90	135	90	123	90	36.5	48.5	146	113	155	131.5
Houston, Tex.	47.5	72.5	45.5	70	43.5	66.5	36	55	36	55	30	45.5	25	38.5	60	97.5	34	53.5	84.5	120
Memphis, Tenn.	28.5	44.5	26.5	41.5	24.5	38.5	18	27	16	24	10	15	17	26	60	105	15	23	76.5	120
Little Rock, Ark.	35.5	55	33.5	51.5	31.5	48.5	22	36.5	20	30.5	13	20.5	17	26	60	105	23	35	84.5	120

Interstate Commerce Commission. Figures printed in italics are for "Class rate."

# INDEX

<b>Alfalfa, hay:</b>		<b>Hay—Continued.</b>	
Acreage, by States, 1899-1924.....	5	Wild—Continued.	
Cost of production.....	43	Production, by States, 1904-1924.....	38, 39
Prices—		Yield per acre, by States, 1910-1924.....	25
At principal markets.....	63-66	Yield, decrease and causes.....	16
By months and States.....	56, 57	Haying, labor, day's work.....	40-42
Yield per acre, by States, 1899-1924.....	17	Honinny feed, prices at principal markets.....	95, 96
Baltimore, hay receipts, 1909-1924.....	46	Hungarian grass, hay production, by States,	
Barley, ground, market prices, by months.....	85	1899-1918.....	33
Beet pulp, market prices, by months.....	86	Imports, hay, 1910-1924.....	56
Boston, hay receipts, 1909-1924.....	46	Kansas City, hay:	
Bran, market prices, by months.....	86-90	Receipts, 1909-1924.....	47
Canada, hay:		Shipments from, 1909-1923.....	53
Exports to United States.....	56	Labor, haying, day's work.....	40-42
Imports from United States.....	56	Legumes, hay:	
Chicago, hay:		Acreage, by States, 1910-1924.....	9
Receipts, 1909-1924.....	47	Production, by States, 1910-1924.....	30
Shipments from, 1909-1924.....	52	Yield per acre, by States, 1899-1924.....	22
Clover, hay:		Linsseed meal, prices at principal markets.....	96-98
Acreage, by States, 1899-1924.....	6	Markets:	
Mixed with timothy—		Feed, prices by months.....	85-100
Acreage, 1909-1924.....	7	Hay—	
Cost of production.....	44	Prices by months.....	63-84
Production, by States.....	28	Receipts and shipments.....	45-55
Yield per acre, by States.....	19	Mexico, hay imports from United States.....	56
Prices—		Middlings, prices at principal markets.....	98-102
At principal markets.....	67-70	Millet, hay:	
By months and States.....	57, 58	Acreage, by States, 1899-1924.....	10
Production, by States, 1899-1924.....	27	Cost of production.....	44
Yield per acre, by States, 1899-1924.....	18	Production, by States, 1899-1924.....	31, 33
Cottonseed, meal, prices at principal markets	90-93	Yield per acre, by States, 1899-1924.....	
Cuba, hay imports from United States.....	56	Milwaukee, hay:	
Feed, data, sources.....	3	Receipts, 1909-1924.....	48
Feeds:		Shipments from, 1909-1924.....	53
Freight rates, 1913-1923.....	112	Minneapolis, hay:	
Prices at markets, by months.....	107-109	Receipts, 1910-1923.....	48
Freights, rates on:		Shipments from, 1909-1923.....	54
Feeds, 1913-1923.....	112	New York, hay receipts, 1909-1924.....	49
Hay, 1913-1923.....	111	Fioria, hay:	
Gluten feed, prices at principal markets.....	94	Receipts, 1909-1924.....	49
Grains, hay:		Shipments from, 1909-1924.....	54
Acreage, by States, 1899-1924.....	8	Philadelphia, hay receipts, 1900-1924.....	50
Production, by States, 1899-1924.....	29	Philippines, hay imports from United States.....	56
Yield per acre, by States, 1899-1924.....	20	Pittsburgh, hay:	
Hay:		Receipts, 1909-1924.....	50
Alfalfa, production, by States, 1899-1924.....	26	Shipments from, 1909-1922.....	55
Data, sources, and collection.....	1-3	Prairie hay, prices:	
Exports, 1910-1924.....	56	At principal markets.....	70-73
Freight rates, 1913-1923.....	111	By months and States.....	58, 59
Grains cut green, area, etc.....	8, 20, 29	Prices:	
Imports, 1910-1924.....	56	Feeds, at principal markets.....	85-109
Loose, prices, by States.....	61, 62	Hay, farm and market.....	56-84
Market—		San Francisco, hay receipts, 1909-1924.....	51
Prices, by months.....	63-84	Shorts, prices at principal markets.....	103
Receipts, 1889-1924.....	45-51	St. Louis, hay:	
Shipments from leading markets, 1889-1924.....	52-55	Receipts, 1909-1924.....	51
Statistics.....	1-39, 43-84	Shipments from, 1909-1924.....	55
Stocks on farms, 1910-1924.....	45	Straw, prices at markets, by months.....	81-85
Tame—		Timothy, hay:	
Acreage, by States, 1909-1924.....	12, 13	Acreage, by States, 1909-1924.....	11
Acreage, production, and exports,		Mixed with clover—	
1830-1924.....	3, 4	Acreage, 1909-1924.....	7
Condition and yield.....	16	Cost of production.....	44
Production, by States, 1899-1918.....	35	Production, by States.....	28
Production, by States, 1909-1924.....	36, 37	Yield per acre, by States.....	19
Yield per acre, by States.....	34	Prices—	
Yield per acre, by States, 1909-1924.....	24	At principal markets.....	74-80
Tonnage on railroads, 1899-1923.....	110	By months and States.....	59, 60
Wild—		Production, by States, 1899-1924.....	32
Acreage, by States, 1909-1924.....	14, 15	Yield per acre, by States, 1909-1924.....	23
Cost of production.....	44	United Kingdom, hay imports from United States.....	56

**ORGANIZATION OF THE  
UNITED STATES DEPARTMENT OF AGRICULTURE**

April 28, 1925

---

<i>Secretary of Agriculture</i> -----	W. M. JARDINE.
<i>Assistant Secretary</i> -----	RENICK W. DUNLAP.
<i>Director of Scientific Work</i> -----	E. D. BALL.
<i>Director of Regulatory Work</i> -----	WALTER G. CAMPBELL.
<i>Director of Extension Work</i> -----	C. W. WARBURTON.
<i>Solicitor</i> -----	R. W. WILLIAMS.
<i>Weather Bureau</i> -----	CHARLES F. MARVIN, <i>Chief</i> .
<i>Bureau of Agricultural Economics</i> -----	HENRY C. TAYLOR, <i>Chief</i> .
<i>Bureau of Animal Industry</i> -----	JOHN R. MOHLER, <i>Chief</i> .
<i>Bureau of Plant Industry</i> -----	WILLIAM A. TAYLOR, <i>Chief</i> .
<i>Forest Service</i> -----	W. B. GREELEY, <i>Chief</i> .
<i>Bureau of Chemistry</i> -----	C. A. BROWNE, <i>Chief</i> .
<i>Bureau of Soils</i> -----	MILTON WHITNEY, <i>Chief</i> .
<i>Bureau of Entomology</i> -----	L. O. HOWARD, <i>Chief</i> .
<i>Bureau of Biological Survey</i> -----	E. W. NELSON, <i>Chief</i> .
<i>Bureau of Public Roads</i> -----	THOMAS H. MACDONALD, <i>Chief</i> .
<i>Bureau of Home Economics</i> -----	LOUISE STANLEY, <i>Chief</i> .
<i>Bureau of Dairying</i> -----	C. W. LARSON, <i>Chief</i> .
<i>Fixed Nitrogen Research Laboratory</i> -----	F. G. COTTRELL, <i>Director</i> .
<i>Office of Experiment Stations</i> -----	E. W. ALLEN, <i>Chief</i> .
<i>Office of Cooperative Extension Work</i> -----	C. B. SMITH, <i>Chief</i> .
<i>Office of Publications</i> -----	L. J. HAYNES, <i>Director</i> .
<i>Library</i> -----	CLARIBEL R. BARNETT, <i>Librarian</i> .
<i>Federal Horticultural Board</i> -----	C. L. MARLATT, <i>Chairman</i> .
<i>Insecticide and Fungicide Board</i> -----	J. K. HAYWOOD, <i>Chairman</i> .
<i>Packers and Stockyards Administration</i> -----	G. M. DAGGER, <i>Acting in Charge</i> .
<i>Grain Futures Administration</i> -----	J. W. T. DUVEL, <i>Acting in Charge</i> .

---

This bulletin is a contribution from

<i>Bureau of Agricultural Economics</i> -----	HENRY C. TAYLOR, <i>Chief</i> .
<i>Division of Statistical and Historical Research</i> -----	O. C. STINE, <i>in Charge</i> .

114

---

**ADDITIONAL COPIES  
OF THIS PUBLICATION MAY BE PROCURED FROM  
THE SUPERINTENDENT OF DOCUMENTS  
GOVERNMENT PRINTING OFFICE  
WASHINGTON, D. C.  
AT  
15 CENTS PER COPY**

▽