

UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL BULLETIN No. 29

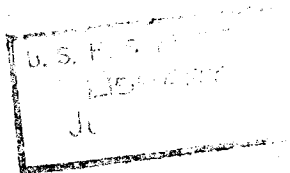
Washington, D. C.



February, 1930

STATISTICS OF OATS, BARLEY
AND GRAIN SORGHUMS

Year Ended December 31, 1928
with comparable data for earlier years



Prepared by the
BUREAU OF AGRICULTURAL ECONOMICS

Statistical Bulletin Series

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25. Dairy statistics.
26. Cold-storage holdings.
27. Quality of cotton in the United States (carry-over and crop of 1928).
28. Corn statistics.
29. Statistics of oats, barley, and grain sorghums.

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STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS

YEAR ENDED DECEMBER 31, 1928
WITH COMPARABLE DATA FOR EARLIER YEARS

*Prepared by the Division of Statistical and Historical Research, Bureau of Agricultural Economics*¹

CONTENTS

	Page		Page
Introduction:		Tables—Continued.	
Limitations and qualifications.....	2	Barley—	
Sources and methods of compilation.....	2	Acreage.....	92-97, 114
Reliability of data.....	6	Production.....	92, 102-108, 117-119
Explanation of foreign trade terms.....	6	Farm value.....	92, 109-113
Tables:		Yield.....	92, 98-101
Oats—		Planting and harvesting dates.....	120
Acreage.....	8-14, 32	Condition of crop.....	120
Production.....	8, 20-25, 34	Intentions to plant.....	121
Farm value.....	8, 27-31	Official standards.....	121
Yield.....	8, 15-19, 33	Official classes and grades.....	121
Planting and harvesting dates.....	37	Marketings by farmers.....	121
Condition of crop.....	38	Receipts and shipments.....	122-124
Intentions to plant.....	38	Stocks.....	124-127
Cost of production.....	39-47	Imports.....	128-133
Official standards.....	48	Exports.....	128-136
Grades deliverable on future con- tracts.....	48	International trade.....	137
Trading in futures.....	48-50	Prices.....	138-150
Marketings by farmers.....	50	Grain sorghums—	
Inspections.....	51-52	Acreage.....	151
Receipts and shipments.....	52-54	Production.....	151
Stocks.....	55-61	Farm value.....	151
Imports.....	62-69, 74	Yield.....	151
Exports.....	62-74	Condition of crop.....	152
International trade.....	74	Receipts.....	153
Prices.....	75-92	Official standards.....	153
		Prices.....	154-156

INTRODUCTION

The purpose of this bulletin is to present available statistical data, relating to oats, barley, and grain sorghums, and their products, of practical use to farmers, research workers, students of agriculture, and all others who may be interested. The figures have been made as inclusive as possible so as to show the long-time trends in production, prices, market movements, etc.

¹ Prepared under the direction of Harry E. Ratcliffe, assisted by Caroline G. Gries, Florence C. Fitch, Jeanne Cavanagh, John L. Wilson, and June A. Hodgkins, from data gathered by the Division of Crop and Livestock Estimates, Grain Division, Division of Farm Management and Costs, Division of Statistical and Historical Research, and other sources as indicated in footnotes.

In the main the tables show the specific source and character of the data, and the method used in compiling them. The tables are arranged in groups showing acreage, yield per acre, production, cost of production, market movements, prices to producers, prices at certain domestic and foreign markets, and there are certain other statistical tables.

LIMITATIONS AND QUALIFICATIONS

When using statistics contained in this bulletin certain limitations should be kept in mind. For example, the acreages of the three crops as given for the United States, or for any given State, do not purport to represent the exact number of acres of these crops, but are estimates or approximations of the acreages. The same can be said of all figures that are derived from replies to inquiries about factors relating to the various crops. In general, the figures should be used as trend indicators rather than as exact measures. Other limitations are noted later.

Foreign statistical data in this bulletin are compiled from official sources, in the majority of cases. The data should be fairly reliable but they are subject to whatever errors may result from shortcomings in the reporting and statistical services of the various countries. Inaccuracies may come through differences of nomenclature and classification in different countries and through the conversion of foreign units into domestic equivalents. This applies particularly to acreage and production figures. Trade figures are subject to lack of uniformity in the classification of goods among the various foreign countries and the United States, different trade practices, and carelessness or failure in recording countries of origin and final destination, and different practices in recording reexported goods.

SOURCES AND METHODS OF COMPILATION

Domestic statistical data have been obtained from several sources, including daily, weekly, and monthly trade papers, reports by boards of trade and chambers of commerce, and Government publications. In some instances, results of special research studies of governmental and private agencies are included, but whenever possible official Government figures are used. If these are not available, only such private figures as are believed to be reliable are included.

The estimates of acreage, production, yield per acre, farm prices, condition of crops, and stocks of oats and barley in the United States are supplied by the Division of Crop and Livestock Estimates. That division collects the data from three sources: (1) Voluntary township reporters, reporting for their immediate locality, (2) voluntary price reporters, and (3) salaried agricultural statisticians for each State or group of States, each with a corps of voluntary field aides. At present there are about 38,500 township reporters and about 40,000 field-aid reporters.

From the information supplied by crop reporters and field statisticians, supplemented by other data, the Crop Reporting Board in the Washington office arrives at an estimate or forecast for each State. These estimates and forecasts concerning the oats, barley, and grain sorghums crops, together with similar estimates and forecasts concerning other crops, constitute the Government crop reports. They are released on dates that have been previously

announced. The schedule given below shows the dates and the nature of the 1929 reports so far as they relate to oats, barley, and grain sorghums. Similar information is released each year on corresponding dates. Preliminary estimates of yield per acre and total production, based on acreages as reported July 1, are reported on October 1 for oats and barley and on November 1 for grain sorghums. Final estimates of production for the year, based on harvested acreage and yield per acre as of December 1, are released about the middle of December. Any revisions of the data for the preceding year are made in December.

Date and scope of crop reports for oats, barley, and grain sorghums, 1929

Date to which report applies	Oats	Barley	Grain sorghums
Mar. 1.....	Intentions to plant; stocks on farms; shipments out of county where grown.	Intentions to plant; stocks on farms; shipments out of county where grown.	Intentions to plant.
May 1.....	Estimates of condition in Southern States.	-----	-----
June 1.....	Condition.....	Condition.....	-----
July 1.....	Estimate of acreage, condition, indicated yield, and production.	Estimate of acreage, condition, indicated yield, and production.	-----
Aug. 1.....	Estimate of condition, indicated yield, production, and stocks on farms.	Estimate of condition, indicated yield, production, and stocks on farms.	Estimate of condition, indicated production, and preliminary estimate of acreage.
Sept. 1.....	Estimated condition, indicated yield, and production.	Estimated condition, indicated yield, and production.	Condition and indicated production.
Oct. 1.....	Preliminary estimate of production and yield.	Preliminary estimate of production and yield.	Do.
Nov. 1.....	-----	-----	Preliminary estimate of production and yield.
Dec. 1.....	Estimates of harvest acreage, production, and value.	Estimates of harvest acreage, production, and value.	Estimates of harvest acreage, production, and value.

Acreages for the years 1879, 1889, 1899, and 1909 are as reported by the Bureau of the Census; acreages in 1919 and 1924 are based upon the census, supplemented by State enumerations. In the intercensal years to 1909, and from 1911 to 1915, estimated acreages were obtained by applying estimated percentages of decrease or increase to the published acreage in the preceding year, except that a revised base was used for applying the percentage estimates whenever new census data were available. For the years 1890 to 1908, acreages have been revised to be consistent with the preceding and succeeding censuses. The estimates from 1915 to 1918, and from 1919 to date, are based upon acreage changes from year to year as shown by samples of approximately 2 per cent of the crop acreage in each year, supplemented by State enumerations.

The estimates before 1890 are the original estimates. The Division of Crop and Livestock Estimates will revise these earlier estimates as soon as possible, to make them entirely comparable with the revised estimates since 1890; but in order to make a complete series of acreage figures from 1866 to date, the earlier estimates are included in this bulletin. Yields-per-acre figures are estimates based upon reports of one or more farmers in each agricultural township, on the average yield per acre in their localities. Production estimates are obtained by multiplying the acreage by yield per

acre; therefore, they represent not only the quantities of oats, barley, and grain sorghums harvested as grain, but, in addition, what would have been harvested had all the oats and barley used for other purposes, and all the grain sorghums used for silage and for other purposes, been matured and harvested. In some cases production estimates are revised in the following year on the basis of State enumerations and records of shipments.

Stocks on farms are reported twice each year, March 1 for all three grains and again on August 1 for oats and barley, and November 1 for grain sorghums. Estimates of stocks as of the above dates are based upon information sent in by crop reporters concerning the percentage of total production on hand in their localities. Estimates of shipments out of county where grown, as of March 1, and quality and condition of crops at various dates, are obtained in the same way. Estimates of stocks on farms should be fairly complete as they are made from reports sent in from all parts of the country. By "shipments out of county where grown" is meant the quantity of grain actually sold to go out of the county—not grain sold from one farmer to another or sold locally within the limits of a county.

Figures of intentions to plant are secured by the Division of Crop and Livestock Estimates from 40,000 to 50,000 producers each year. These reports indicate farmers' intentions to plant as reported about March 1, compared with the acreages grown by them the year before; they are not a forecast of the acreage that actually will be planted.

The tables on cost of producing oats are supplied by the Division of Farm Management and Costs. Data were secured by sending questionnaires to farmers located in all the States. The tables show for each year the number of reports upon which the results are based.

Sources of import and export statistics of oats and barley for the United States are indicated in the various tables. Trade statistics of these grains for foreign countries, with a few exceptions, which are noted, are taken from official reports of the various countries. Freight rates are supplied by the Interstate Commerce Commission.

Statistics on receipts and shipments of grains are monthly and yearly totals of daily movements, as tabulated from the annual reports of boards of trade or chambers of commerce at the markets where receipts and shipments are reported, and from other sources as indicated in footnotes. Primary receipts and shipments are shown for those cities which, together, handle the bulk of the moved grain. The markets included are shown in the tables of primary receipts and shipments.

Movement data supplied by the Grain Division show inspected receipts and shipments of oats, and the classification of oats by grades. The Grain Division issues these figures for the purpose of showing the quantity of grain handled. The total of inspected receipts should not be considered as equivalent to the movement from farms or to production estimates, as there is necessarily some duplication in inspections of grain. After the grain leaves the hands of the first buyer it is inspected in connection with practically all commercial transactions through which it passes. Such inspections are necessitated by loss of identity of the grain each time a car is unloaded.

Data on prices received by producers, commonly called "farm prices" are supplied by the Division of Crop and Livestock Estimates. Such prices are those received by the farmers at their local markets

and are not strictly "at-the-farm" prices. Farm-price data are not passed on by the Crop Reporting Board as are other reports. The department began collecting farm prices in 1867, when farm prices of crops as of January 1 were obtained from correspondents. In 1872 the date of reporting prices of crops was changed to December 1. Crop prices reported as of January 1, 1867-1872, were considered equivalent to the prices as reported as of December 1, after the change was made, thus making a complete series of December 1 prices since 1866. The prices of crops for the period 1866-1878, as now published, have been reduced to a gold basis, by the use of equivalents supplied by the United States Treasury Department.

Beginning with the year 1908, monthly prices paid to farmers, by States, are shown. From January, 1908, until December, 1923, these monthly prices were reported on the first of the month by farmers to the county reporters in connection with monthly crop reports. Beginning with December, 1923, all monthly prices are for the 15th of the month. The 1st of the month prices for the period prior to December, 1923, have been converted to an approximation of a 15th of the month price by taking the average of the prices reported on the first of two consecutive months.

Since January, 1924, monthly prices have been obtained from a list of price reporters, which is chiefly composed of small-town dealers in farm products, of merchants, and of a few well-informed farmers.

That the farm price may fairly well represent the average price received by producers, it is necessary that the samples be well distributed to represent both surplus-producing and deficit areas, as the general tendency is that more reports are on the price of a product from those sections of the State in which the most sales occur (the surplus-producing sections). For weighting purposes, each State is divided into about nine crop-reporting districts. In determining the "State farm prices" of the grains, in this bulletin, the price reports from each district are averaged and these district averages are weighted by the number of acres of that crop raised in each district during the last year for which data are available. The State averages are combined into average prices for the United States, and are weighted by the latest estimate of production.

In States in which a yearly enumeration of acreage is made, the district weights are usually based on the preceding year's acreage. In many of the States the latest census acreage is used. Prior to 1924, when crop prices as of the first of the month were obtained from crop reports, the prices of crops were weighted by counties within the State, and the census acreage was used as a basis of weighting.

The annual average price for the United States is a weighted average of the monthly prices of each crop year. The weights are based on the percentages which each month's farm marketings are of the total of the crop year to which the price applies. This method takes care of any unusual variations in marketings as they occur.

The December value of crop production is determined by multiplying the December 1 estimates of production by the December 1 price per bushel.

The market price statistics are, for the most part, weighted average prices computed by weighting the selling price by the number of car lots reported sold. The weighted average prices for all classes and grades of oats at Chicago, Minneapolis, Kansas City, St. Louis, and

Omaha and at those five markets combined, are comparable with farm prices. The farm prices are averages of the several prices reported, covering all classes and grades sold from the farm. Sources and methods of compiling other domestic price statistics tables are indicated in footnotes to the tables.

RELIABILITY OF DATA

For a reported farm price to be absolutely accurate, such a price would have to be exactly the same as that computed from reports of the total quantity sold and total receipts from the sales. It is manifestly impossible to secure such reports, but prices that are accurate enough for practical purposes are obtained by averaging a large number of reports. The measure of reliability of such reports is the size of the probable difference between the reported average price and the average of an indefinitely increased number of individual reports. Tested in this way the prices reported in this bulletin would not be materially changed by a more extensive system of reports than that now in use. A somewhat detailed study of the reliability of the farm-price data included here indicates that the prices are based on a sufficient number of reports to render them reasonably stable and reliable. For the small States, the December 1 prices of grains in this bulletin are probably more reliable than are the monthly prices, as they are based on a much larger number of price reports.

What is said of the reliability and adequacy of farm-price data may be applied in a measure to other data in which estimates are involved, such as acreages, stocks of grain, production, yield per acre, condition of crops, production costs, etc. As noted before, intercensal figures of acreages are estimated percentages of decrease or increase from the published acreage in the preceding year, revised as indicated to be consistent with census figures. Since these estimated percentages are contributed by reporters, the measure of reliability of the reports is the size of the probable difference between the reported average and the average of an indefinitely increased number of individual reports. Estimated figures used in this bulletin would not be changed materially if a more extensive system of reporting were used; therefore, such figures can be considered as reasonably reliable. The reports come from all sections of the country and in most cases are weighted according to their importance; thus confidence is given in the adequacy of figures computed from them.

Market price statistics may be considered very reliable as they are, in most cases, weighted averages of daily prices of sales as reported by the trade; they are subject, of course, to errors that may be made in reporting. Reported sales are approximately 50 per cent of actual receipts on the various markets. Other trade statistics such as market movements may be considered fairly reliable, allowing for some duplication of figures.

EXPLANATION OF FOREIGN TRADE TERMS

Domestic exports include goods, produced or manufactured in this country from either domestic or imported raw materials, which are shipped to foreign countries. The kinds, quantities, and values of exported merchandise are ascertained from the shipper's export

declarations filed by the exporters with the collector of customs at the port of exportation.

They include exports to the Philippine Islands and Virgin Islands of the United States. Since 1902, they exclude shipments from continental United States to Alaska, Hawaii, and Porto Rico.

From 1790 to 1802, they include reexports or exports of foreign merchandise.

Imports, general, embrace articles entered at the customhouses for immediate consumption and imported articles entered for warehouse. They include imports from the Philippine Islands and Virgin Islands of the United States. Since 1902, they exclude shipments to the United States from Alaska, Hawaii, and Porto Rico.

Imports for consumption embrace articles entered for immediate consumption and imported articles withdrawn from warehouse for consumption. The statement of general imports and the statement of imports entered for consumption for any period will always differ to the extent that the value of entries for warehouse for the period differs from the value of withdrawals from warehouse for consumption. The term "entry for consumption" is the technical name of the import entry made at the customhouse and implies that the goods have been delivered into the custody of the importer and that the duties have been paid on the dutiable portion. Some of them may be afterward exported. Imports for consumption were first reported in 1867 and published in 1868.

Kinds, quantities, and values of imported merchandise are ascertained from the entry filed by the importer at the customhouse.

The value of imported merchandise, as shown in the statistical tables, is the foreign value or the export value, whichever is higher; that is, it is the market value or the price at which the merchandise, at the time of exportation to the United States, is offered for sale in the principal markets of the country from which exported, including the cost of containers or coverings and all expenses incident to placing the merchandise in condition ready for shipment to the United States.

Reexports or exports of foreign merchandise includes goods which have been imported into this country either for reexport or consumption and are afterward exported, having undergone no change in form or condition, or enhancement in value, by application of labor in the United States.

From 1790 to 1802 they are combined with domestic exports.

Net exports are domestic exports and reexports, minus imports.

Net imports are imports, minus domestic exports and reexports.

Average export values per unit have been computed by dividing the total export value each year by the total quantity; they are not to be regarded as quotations of prices.

The value upon which a given average in this table was based is composed of items which represent shipments, possibly of different grades, of the articles mentioned, from different parts of the United States and at different seasons of the year. The actual value of any one shipment included in this total is its value at the time and place of exportation.

Years from 1790 to 1842 end with September 30. The year 1843 is for only nine months, October 1, 1842-June 30, 1843. From 1844 to 1923 the years end with June 30.

Leaders indicate that no information exists, but do not necessarily signify that there were no figures for that period as they may have been included with "all other" or with the "unenumerated."

Noncontiguous territory: In the statistics of foreign commerce of the United States, the Philippine Islands and Virgin Islands of the United States are treated as foreign countries.

The statistics of foreign commerce include the trade of the customs districts of Alaska, Hawaii, and Porto Rico with foreign countries, but since 1902 they do not include the trade of these Territories with the United States.

In 1903 the trade with Alaska, Hawaii, and Porto Rico was for the first time fully and definitely recorded. (See Commerce and Navigation of the United States, 1903, vol. 1, p. 31.) Therefore separate tables have been compiled showing shipments from the United States to Alaska, Hawaii, and Porto Rico, 1903-1928.

The collection of statistics of trade with all noncontiguous territory was authorized by an act of Congress, April 29, 1902.

TABLE 1.—Oats: Acreage, production, farm value, and foreign trade of the United States, 1839, 1849, 1859, 1866-1928

Year	Acreage	Average yield per acre	Production	Farm value Dec. 1		Foreign trade, including oatmeal, year beginning July 1			
				Per bushel	Total	Domestic exports	Imports ¹	Net exports ²	
								Total	Percentage of crop
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Bushels	Bushels	Bushels	Per cent
1839			125,071			(3)	⁴ 1,453	⁴ 1,453	
1849			148,584			(3)	624,848	⁴ 624,848	
1859			172,645			(3)	7,873,205	⁴ 7,872,844	
1866	8,864	30.2	268,141	35.1	94,058	825,895	789,790	1,199,378	0.45
1867	10,082	27.6	278,698	44.5	123,903	122,554	⁴ 780,798	⁴ 825,252	
1868	9,666	26.4	254,961	41.7	106,356	481,871	478,245	62,667	.02
1869	9,461	30.5	288,334	38.0	109,522	121,517	2,602,309	⁴ 2,402,546	
1870	8,792	28.1	247,277	39.0	96,444	147,572	889,781	⁴ 737,123	
1871	8,366	30.6	255,743	36.2	92,501	262,975	927,493	⁴ 664,518	
1872	9,001	30.2	271,747	29.9	81,304	714,072	286,514	427,556	.16
1873	9,752	27.7	270,340	34.6	93,474	812,873	191,802	621,336	.23
1874	10,897	22.1	240,369	47.1	113,134	504,770	1,500,040	995,270	.41
1875	11,915	20.7	354,318	32.0	113,441	1,466,228	260,945	1,220,858	.34
1876	13,359	24.0	320,884	32.4	103,845	2,854,128	153,466	2,703,049	.84
1877	12,826	31.7	406,394	28.4	115,546	3,715,479	103,534	3,633,941	.89
1878	13,176	31.4	413,579	24.6	101,752	5,452,136	62,571	5,389,565	1.30
1879	16,145	27.9	450,745	33.3	150,178	766,366	536,988	233,838	.05
1880	16,188	25.8	417,885	36.0	150,244	402,904	115,284	289,794	.07

Compiled from records of the Division of Crop and Livestock Estimates. Figures in italics are census returns. Value 1866-1878 reduced to gold basis. United States acreage and production figures for 1879, 1889-1909 were revised about 1912 and the figures adopted at that time are now accepted as the official figures for the United States as a whole and appear in this table. Revisions were based upon State revisions but the revisions by States have never been published. These revisions affect also figures for stocks on farms over the same period.

¹ Oatmeal reported in "General Imports," 1846-1867 and 1883-1908. Figures included for oatmeal 1868-1882 and 1909-1928 represent "Imports for consumption."

² Total exports (domestic plus foreign) minus total imports.

³ Included with "Rye and other small grains."

⁴ Year beginning Oct. 1.

⁵ Net imports.

⁶ 1867 imports represent oats only while net imports include a derived estimate for oatmeal. Using the reported value of oatmeal for 1867 (\$113,333) and the average import value per pound in the year following (\$0.0307) the estimated quantity of oatmeal imported in 1867 was 3,691,629 pounds (or in terms of grain, 205,090 bushels).

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS

TABLE 1.—Oats: Acreage, production, farm value, and foreign trade of the United States, 1839, 1849, 1859, 1866-1928—Continued

Year	Acreage	Average yield per acre	Production	Farm value Dec. 1		Foreign trade, including oatmeal, year beginning July 1			
				Per bushel	Total	Domestic exports	Imports	Net exports	
								Total	Percentage of crop
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Bushels	Bushels	Bushels	Per cent
1881	16,832	24.7	416,481	46.4	193,199	625,090	1,032,486	1,306,796	-----
1882	18,495	26.4	498,251	37.5	182,978	461,496	884,060	418,804	-----
1883	20,325	28.1	571,302	32.7	187,040	3,274,622	121,069	3,157,356	0.55
1884	21,301	27.4	583,628	27.7	161,528	6,205,104	94,310	6,108,801	1.05
1885	22,784	27.6	629,409	28.5	179,632	7,311,306	149,480	7,230,589	1.15
1886	23,658	29.4	624,134	29.8	186,138	1,374,635	139,575	1,235,060	.20
1887	25,921	25.4	659,618	30.4	200,700	573,080	123,817	454,613	.07
1888	26,998	26.0	701,735	27.8	135,424	1,191,471	131,501	1,059,970	1.15
1889	28,321	28.3	801,586	21.9	175,801	15,107,238	153,232	14,969,394	1.87
1890	28,102	20.4	572,671	41.7	239,047	1,382,836	41,848	1,341,004	.23
1891	27,604	30.4	839,995	30.6	257,251	10,586,644	47,782	10,545,833	1.26
1892	28,025	24.8	695,277	31.5	218,983	2,700,793	40,433	2,655,354	.38
1893	28,452	23.8	676,151	29.1	196,437	6,290,229	31,759	6,258,486	.93
1894	28,362	25.2	715,535	32.1	229,451	1,708,824	330,318	1,378,538	1.19
1895	29,379	30.2	885,959	19.4	172,198	15,156,618	66,602	15,117,271	1.71
1896	29,645	26.3	780,124	18.3	142,772	37,725,083	131,204	37,613,116	4.82
1897	28,353	27.9	791,442	20.8	164,836	73,880,307	25,093	73,855,214	9.33
1898	28,769	29.3	842,747	25.2	212,482	33,534,362	28,098	33,506,264	3.98
1899	29,540	31.3	925,555	24.5	226,588	45,048,857	54,576	44,994,613	4.86
1900	30,290	30.2	913,800	25.4	232,074	42,238,931	32,107	42,206,824	4.62
1901	30,804	26.0	778,392	39.7	308,796	13,277,612	38,978	13,239,851	1.70
1902	30,578	34.5	1,053,489	30.6	322,423	8,381,805	150,065	8,233,014	.78
1903	30,866	28.2	860,350	34.0	295,232	1,960,740	183,983	1,856,733	.21
1904	31,353	32.2	1,008,931	31.1	313,488	8,394,692	55,699	8,339,174	.83
1905	32,072	34.0	1,090,236	28.9	314,868	48,434,541	40,025	48,394,527	4.44
1906	33,353	31.0	1,035,576	31.9	329,853	6,386,334	91,289	6,378,787	.62
1907	33,641	23.9	805,108	44.5	358,421	2,518,855	383,418	2,195,277	.27
1908	34,006	25.0	850,540	47.3	402,010	2,333,817	6,691,700	4,252,476	-----
1909	35,159	30.4	1,098,289	40.6	433,869	2,548,726	1,063,437	1,703,578	.16
1910	37,548	31.0	1,186,341	34.4	408,388	3,845,850	140,208	3,707,146	.31
1911	37,763	24.4	922,298	45.0	414,663	2,677,749	2,659,955	30,144	(?)
1912	37,917	37.4	1,418,337	31.9	452,409	36,455,474	764,898	35,695,326	2.52
1913	38,399	29.2	1,121,768	39.2	439,596	2,748,743	22,332,880	18,857,849	-----
1914	38,442	29.7	1,141,060	43.8	499,431	100,609,272	669,750	100,158,450	8.78
1915	40,996	37.8	1,549,030	36.1	559,506	98,960,481	720,253	98,647,978	6.37
1916	41,527	30.1	1,251,837	52.4	655,928	95,105,698	840,650	94,347,910	7.54
1917	43,553	36.6	1,592,740	66.6	1,061,474	125,090,611	2,914,760	122,272,821	7.68
1918	44,349	34.7	1,538,124	70.9	1,090,322	109,004,734	838,044	108,167,190	7.03
1919	40,359	29.3	1,184,030	70.4	833,922	43,435,994	6,077,012	37,365,317	3.16
1920	42,491	35.2	1,496,281	46.0	688,311	9,391,096	3,827,127	5,831,198	.39
1921	45,495	23.7	1,078,341	39.2	325,954	21,236,742	1,823,554	19,422,101	1.80
1922	40,790	29.8	1,215,803	30.4	478,948	25,413,330	340,137	25,086,728	2.06
1923	40,981	31.9	1,305,883	41.4	541,137	8,795,771	4,270,710	4,550,421	.35
1924	42,110	35.7	1,502,529	47.7	717,189	16,777,107	3,067,131	13,926,222	.93
1925	44,872	33.2	1,487,550	38.0	565,506	39,686,578	122,160	39,565,293	2.66
1926	44,177	28.2	1,246,848	39.8	496,682	15,041,390	215,497	14,988,435	1.20
1927	41,941	28.2	1,182,594	45.0	531,762	9,822,807	228,017	9,616,095	.81
1928	41,734	34.6	1,439,407	40.9	689,048	-----	-----	-----	-----

⁴Net imports.
¹Less than 0.005 of 1 per cent.

10 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 2.—Oats: *Estimated acreage, by States, 1866–1928*

[In thousands of acres—i. e., 000 omitted]

Year	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio
1866	96	51	120	44	4	86	1,637	188	1,668	680
1867	94	56	150	50	6	105	1,450	245	1,997	749
1868	85	46	135	52	7	98	962	240	1,982	835
1869	105	55	142	49	8	62	893	189	1,344	818
1870	79	36	94	28	5	28	915	131	1,052	788
1871	61	31	87	24	5	30	834	115	1,018	720
1872	59	34	100	24	5	30	894	112	1,011	916
1873	62	28	110	20	5	30	889	103	1,034	855
1874	59	27	112	21	5	32	924	146	1,041	845
1875	86	30	117	21	5	39	1,141	160	1,083	873
1876	102	37	122	16	3	44	1,404	157	1,159	925
1877	105	36	124	16	3	41	1,371	157	1,178	891
1878	105	36	123	16	3	43	1,400	168	1,166	915
1879	103	35	116	16	3	42	1,288	163	1,040	860
1880	81	30	100	23	6	37	1,312	130	1,191	911
1881	82	30	100	23	6	37	1,325	132	1,213	902
1882	83	30	100	23	6	37	1,338	130	1,273	907
1883	85	30	103	23	6	37	1,345	131	1,248	871
1884	84	31	104	24	6	37	1,371	130	1,254	836
1885	85	32	105	24	6	38	1,385	133	1,304	1,004
1886	91	33	107	24	6	39	1,399	137	1,317	984
1887	93	34	108	25	6	39	1,413	139	1,330	1,003
1888	97	34	109	25	6	40	1,399	140	1,330	1,003
1889	94	31	106	24	6	39	1,385	144	1,317	1,170
1890	101	31	107	23	7	39	1,343	142	1,277	1,111
1891	100	31	108	23	7	38	1,330	139	1,239	911
1892	125	28	107	15	4	24	1,383	119	1,177	1,002
1893	123	29	109	15	4	24	1,259	110	1,142	952
1894	128	29	113	15	4	23	1,372	109	1,176	962
1895	138	30	116	15	4	23	1,441	108	1,153	991
1896	147	31	116	15	4	22	1,513	106	1,164	1,050
1897	134	30	106	15	4	21	1,482	102	1,120	935
1898	140	31	108	15	4	20	1,408	98	1,163	897
1899	142	30	107	15	4	19	1,404	95	1,186	915
1900	140	30	107	15	4	19	1,586	95	1,222	1,062
1901	115	12	76	7	2	10	1,269	72	1,246	1,118
1902	116	12	78	6	2	10	1,325	68	1,234	1,120
1903	120	12	79	7	2	10	1,311	64	1,209	1,005
1904	114	12	80	7	2	10	1,246	63	1,173	1,216
1905	113	12	79	6	2	10	1,258	63	1,161	1,061
1906	113	12	77	6	2	10	1,246	62	1,161	1,475
1907	115	13	78	7	2	10	1,208	60	1,003	1,600
1908	119	13	80	7	2	11	1,250	60	1,003	1,460
1909	121	11	72	8	2	10	1,303	72	1,144	1,788
1910	130	11	76	8	2	11	1,320	72	1,144	1,770
1911	135	12	76	8	2	11	1,310	71	1,121	1,760
1912	133	12	77	8	2	11	1,192	67	1,099	2,120
1913	140	12	79	9	2	11	1,275	70	1,154	1,800
1914	141	12	79	9	2	11	1,275	67	1,073	1,050
1915	175	12	81	12	2	13	1,340	70	1,140	1,683
1916	160	12	80	11	2	17	1,206	69	1,130	1,777
1917	120	17	82	7	2	18	1,200	75	1,150	1,700
1918	169	30	110	12	2	19	1,260	79	1,210	1,700
1919	117	18	83	9	1	11	1,008	71	1,176	1,452
1920	119	18	81	9	1	11	1,059	72	1,210	1,540
1921	124	18	81	9	1	11	1,038	72	1,238	1,550
1922	120	18	90	10	1	11	1,059	72	1,170	1,472
1923	125	18	75	9	1	10	1,017	68	1,170	1,516
1924	125	11	79	8	2	13	940	48	1,006	1,600
1925	135	12	84	9	2	13	1,017	50	1,157	2,000
1926	136	11	82	9	3	15	1,017	50	1,111	1,980
1927	124	11	83	8	2	15	1,000	49	1,100	1,900
1928	120	10	79	7	2	15	1,020	50	1,067	2,413

TABLE 2.—Oats: Estimated acreage, by States, 1866-1928—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Indiana	Illinois	Michi- gan	Wis- consin	Minne- sota	Iowa	Mis- souri	North Dakota	South Dakota	Ne- braska
1866	347	884	236	516	-----	334	112	-----	-----	10
1867	361	1,068	273	589	162	387	144	-----	-----	11
1868	426	1,018	251	586	195	473	138	-----	-----	18
1869	421	1,099	246	622	333	509	197	-----	-----	30
1870	415	1,481	278	514	272	550	221	-----	-----	36
1871	400	1,163	282	408	233	485	488	-----	-----	39
1872	429	1,178	308	466	259	543	515	-----	-----	44
1873	570	1,179	294	539	363	640	560	-----	-----	80
1874	612	1,819	312	547	371	655	605	-----	-----	84
1875	621	2,273	329	680	371	743	649	-----	-----	125
1876	585	2,400	366	700	480	837	651	-----	-----	138
1877	550	1,600	438	854	440	1,105	621	-----	-----	135
1878	557	1,568	483	880	480	1,056	640	-----	-----	192
1879	496	1,490	394	889	490	1,035	627	-----	-----	193
1880	636	1,979	547	984	648	1,513	989	-----	-----	246
1881	683	1,979	553	1,092	668	1,619	959	-----	-----	325
1882	703	2,435	575	1,158	840	1,700	998	140	-----	400
1883	718	2,849	580	1,331	949	2,006	1,057	210	-----	540
1884	725	2,991	598	1,371	1,025	2,146	1,153	315	-----	648
1885	1,015	3,290	616	1,412	1,076	2,210	1,268	353	-----	700
1886	1,035	3,257	628	1,398	1,184	2,299	1,306	826	-----	742
1887	1,036	3,690	765	1,440	1,355	2,439	1,358	1,187	-----	922
1888	1,076	3,838	803	1,455	1,517	2,561	1,385	1,258	-----	1,015
1889	969	3,876	932	1,527	1,563	2,740	1,427	1,245	-----	1,086
1890	1,017	3,373	941	1,497	1,500	2,767	1,413	1,183	-----	1,053
1891	895	3,069	932	1,482	1,425	2,795	1,158	497	724	1,369
1892	1,101	2,854	969	1,675	1,596	3,773	1,205	472	702	1,615
1893	1,167	3,082	891	1,691	1,676	3,849	1,241	491	766	1,599
1894	1,109	3,021	936	1,759	1,810	3,772	1,092	545	788	1,567
1895	1,131	3,021	973	1,864	1,955	3,960	1,103	594	718	1,677
1896	1,187	3,021	1,003	1,864	1,720	3,842	1,103	511	653	1,794
1897	1,167	2,900	882	1,827	1,583	3,457	1,004	495	620	1,669
1898	1,094	3,045	847	1,791	1,551	3,630	933	491	602	1,752
1899	1,072	3,349	900	1,880	1,646	3,848	812	600	590	1,716
1900	1,372	3,517	918	1,937	1,663	3,840	901	612	588	1,733
1901	1,386	3,991	991	2,290	2,048	4,104	911	723	679	1,973
1902	1,372	4,070	1,011	2,382	2,109	4,063	856	767	693	1,795
1903	1,207	3,704	971	2,430	2,130	3,506	787	797	706	2,015
1904	1,280	3,667	990	2,478	2,173	3,823	716	829	713	1,886
1905	1,344	3,740	1,010	2,528	2,151	3,746	724	1,198	721	1,888
1906	1,780	3,653	1,425	2,450	2,216	4,165	644	1,246	1,275	2,450
1907	1,816	4,150	1,468	2,350	2,530	4,500	663	1,320	1,325	2,524
1908	1,671	4,100	1,400	2,350	2,682	4,545	700	1,399	1,365	2,549
1909	1,668	4,176	1,429	2,165	2,977	4,655	1,073	2,147	1,559	2,366
1910	1,680	4,325	1,515	2,250	2,977	5,100	1,200	2,165	1,550	2,532
1911	1,640	4,220	1,500	2,250	2,948	4,950	1,200	2,180	1,540	2,500
1912	1,990	4,220	1,485	2,272	2,948	4,928	1,125	2,300	1,550	2,275
1913	1,700	4,375	1,500	2,275	2,980	4,880	1,250	2,250	1,590	2,250
1914	1,575	4,309	1,515	2,300	3,040	5,000	1,200	2,318	1,606	2,175
1915	1,638	4,343	1,530	2,100	3,225	4,950	1,225	2,450	1,725	2,200
1916	1,750	4,470	1,423	2,200	3,325	5,100	1,290	2,500	1,850	2,250
1917	2,022	4,600	1,550	2,260	3,250	5,412	1,480	2,575	2,138	3,038
1918	2,025	4,508	1,658	2,378	3,282	5,823	1,524	2,575	2,050	2,531
1919	1,750	4,291	1,515	2,348	3,526	5,566	1,707	2,397	1,963	2,133
1920	1,875	4,334	1,485	2,408	3,702	5,894	1,918	2,518	2,219	2,400
1921	1,912	4,594	1,544	2,632	4,145	6,340	2,148	2,568	2,650	2,585
1922	1,506	3,860	1,498	2,465	4,021	5,874	1,200	2,388	2,400	2,408
1923	1,739	3,860	1,528	2,539	4,200	5,774	1,380	2,388	2,304	2,456
1924	1,875	4,374	1,513	2,500	4,587	5,855	1,630	2,610	2,834	2,456
1925	2,138	4,855	1,619	2,603	4,770	6,221	1,923	2,354	2,834	2,699
1926	2,050	4,661	1,570	2,577	4,532	6,218	2,173	2,024	1,984	2,537
1927	1,948	4,008	1,617	2,422	4,350	6,601	1,565	2,125	2,550	2,441
1928	2,430	4,649	1,633	2,495	4,089	6,004	1,706	1,934	2,193	2,392

¹Dakota Territory prior to Nov. 2, 1889. Not separately reported in 1890.

12 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 2.—Oats: Estimated acreage, by States, 1866-1928—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Kansas	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky
1866	5	154	265	512	206	79	92	1	250	
1867	7	163	328	554	70	262	71	99	1	273
1868	10	179	339	487	71	268	65	91	1	268
1869	36	172	359	527	83	232	70	98	2	230
1870	117	25	137	368	98	170	95	86	9	265
1871	128	20	145	328	95	208	60	141	9	255
1872	187	21	140	315	97	207	62	145	9	275
1873	284	21	149	331	102	193	44	358	8	203
1874	320	19	148	399	103	239	62	447	10	298
1875	289	20	153	367	100	250	69	373	9	295
1876	391	14	207	484	124	262	76	491	10	311
1877	321	18	207	500	132	257	78	408	10	314
1878	445	17	172	505	137	278	80	428	10	300
1879	481	17	158	490	127	267	88	450	11	279
1880	387	17	95	525	121	501	263	618	46	390
1881	442	17	95	546	125	606	282	612	48	400
1882	473	21	99	622	129	582	366	765	53	421
1883	699	22	100	628	130	594	363	781	52	423
1884	783	21	110	621	130	618	394	703	53	427
1885	854	21	111	621	138	599	414	710	54	492
1886	965	21	113	634	139	635	393	589	51	487
1887	1,505	22	118	653	142	654	397	613	52	491
1888	1,686	22	119	659	145	661	397	619	53	491
1889	1,416	23	118	679	147	681	393	625	54	511
1890	1,303	23	113	672	142	674	393	592	54	465
1891	1,238	24	112	618	138	539	385	619	52	442
1892	1,547	22	96	489	164	550	351	569	47	597
1893	1,578	21	91	479	159	544	333	598	51	585
1894	1,436	22	94	450	156	528	340	562	54	491
1895	1,080	24	89	459	151	507	289	461	40	506
1896	1,831	19	85	459	160	481	269	424	46	501
1897	1,612	19	81	436	157	448	247	394	44	436
1898	1,483	18	78	427	149	443	245	434	40	423
1899	1,349	16	73	367	137	399	252	477	36	455
1900	1,363	16	74	349	132	363	200	467	33	437
1901	932	5	44	250	87	253	235	297	32	273
1902	941	5	42	222	86	238	217	264	32	259
1903	993	5	38	207	85	217	204	256	33	231
1904	952	4	36	184	86	206	191	236	33	229
1905	858	4	33	176	82	204	187	233	30	224
1906	1,050	4	32	159	102	196	191	217	28	206
1907	1,092	4	30	146	95	192	195	300	30	192
1908	994	4	30	200	95	200	201	300	30	173
1909	933	4	49	204	104	228	324	412	43	174
1910	1,675	4	47	198	110	221	336	404	42	175
1911	2,000	4	46	194	110	210	345	404	43	170
1912	1,720	4	45	175	111	204	324	364	43	160
1913	1,760	4	45	195	115	230	360	420	50	160
1914	1,760	4	43	191	105	250	375	450	50	176
1915	1,500	4	45	225	120	350	525	905	61	260
1916	1,550	4	46	250	140	390	500	860	60	300
1917	2,284	4	47	225	125	275	400	550	55	310
1918	2,320	5	60	225	160	300	500	550	60	400
1919	1,554	6	49	160	180	170	298	310	40	280
1920	2,127	7	50	148	200	154	307	344	41	280
1921	1,894	6	60	163	210	170	338	412	41	203
1922	1,494	7	58	166	200	220	406	474	37	234
1923	1,338	7	59	163	196	300	447	521	33	225
1924	1,369	4	48	180	150	258	360	275	11	235
1925	1,712	4	55	192	188	268	378	413	13	247
1926	1,626	4	52	186	207	310	416	475	12	259
1927	1,301	4	51	186	217	273	449	442	11	215
1928	1,301	4	54	182	204	191	337	265	11	305

TABLE 2.—Oats: Estimated acreage, by States, 1866-1928—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma ¹	Texas	Montana	Idaho	Wyoming
1866	149	44	10	24			42			
1867	172	51	7	23	4		35			
1868	166	48	7	20	4		32			
1869	210	45	8	22	7		44			
1870	203	45	21	28	3		69			
1871	271	50	34	26	2		27			
1872	273	52	37	29	2		31			
1873	272	52	34	34	2		34			
1874	273	54	44	38	2		41			
1875	268	60	43	32	2		50			
1876	307	128	48	45			118			
1877	277	146	50	67			130			
1878	280	161	56	68	1		149			
1879	277	157	57	69	1		158			
1880	450	318	201	153	27		267			
1881	472	337	212	169	26		311			
1882	581	415	269	220	32		389	28	21	2
1883	586	427	274	224	34		416	32	30	2
1884	569	406	348	228	35		478	52	34	2
1885	620	402	355	251	37		512	54	34	3
1886	630	410	355	264	36		553	57	35	3
1887	645	422	359	269	37		581	60	37	3
1888	677	418	366	285	41		610	61	35	3
1889	711	418	358	294	42		652	86	36	
1890	683	405	362	294	43		639	90	36	
1891	614	405	326	300	52		652	95	38	
1892	553	365	147	318	35		619	66	25	15
1893	531	376	145	311	34		589	67	22	17
1894	446	372	142	324	35		612	67	28	17
1895	455	350	132	327	38		704	68	31	14
1896	437	318	123	317	35		633	65	31	13
1897	384	302	119	311	37		652	62	29	14
1898	361	320	130	317	37		711	61	29	13
1899	380	301	137	314	31		683	61	32	15
1900	350	304	171	317	34		744	66	37	18
1901	200	219	121	255	32	356	838	147	79	34
1902	186	213	117	252	35	462	897	159	81	36
1903	169	215	110	227	32	522	915	162	88	38
1904	156	198	107	211	31	500	896	167	93	42
1905	151	192	90	192	28	496	914	179	98	46
1906	147	184	90	184	28	568	914	197	108	50
1907	147	220	90	175	28	418	500	240	113	60
1908	175	235	125	173	30	450	750	254	127	78
1909	342	257	97	197	30	609	440	333	303	124
1910	342	283	120	207	36	699	688	390	319	161
1911	315	283	130	205	40	909	737	425	331	190
1912	258	260	113	175	34	936	865	476	348	205
1913	300	325	140	240	45	1,030	1,000	500	325	220
1914	350	390	160	260	70	1,100	900	530	332	225
1915	357	600	300	375	120	1,350	1,500	660	310	250
1916	290	600	350	350	110	1,160	1,500	680	250	263
1917	290	420	300	340	84	1,150	1,425	680	237	285
1918	325	428	322	390	80	1,300	1,510	680	237	285
1919	220	222	150	280	50	1,573	1,863	579	185	100
1920	250	246	128	290	50	1,650	1,490	533	185	115
1921	290	308	147	300	55	1,765	1,865	618	180	150
1922	229	277	125	204	56	1,500	1,455	660	162	158
1923	205	277	120	250	56	1,200	1,370	673	170	165
1924	177	125	75	275	25	1,200	1,455	550	155	125
1925	221	131	85	261	30	1,140	1,091	605	170	134
1926	276	107	41	243	30	1,340	1,964	641	119	120
1927	170	101	48	207	35	1,112	2,003	596	143	120
1928	188	70	41	155	44	890	1,402	554	137	132

Compiled from records of the Division of Crop and Livestock Estimates. See general note on Table 1. The State figures shown in this table for 1879, 1880-1909 are the only State figures available for publication. The sum of these State figures over this period will not agree with the revised figures for the United States given in Table 1.

¹ Indian Territory included, 1901-1906.

14 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 2.—Oats: *Estimated acreage, by States, 1866-1928*—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	The Territories
1866									
1867									
1868									85
1869								63	48
1870					(¹)		12	52	45
1871					2		60	38	31
1872					2		64	90	35
1873					2		64	78	41
1874					2		65	66	50
1875					2		70	66	61
1876					8		72	70	72
1877	(²)				(³)		103	70	73
1878	(²)				(³)		90	145	73
1879	(²)				(³)		81	154	73
1880	24				5		152	60	216
1881	28				6		152	67	251
1882	28	11		23	7	53	155	64	
1883	41	12	(⁴)	24	7	63	171	71	
1884	43	13		26	8	75	195	80	
1885	45	14		28	8	80	193	78	
1886	48	15		29	8	88	199	80	
1887	51	15		30	8	91	203	82	
1888	61	16		36	8	95	209	74	
1889	98	16		37		99	211	76	
1890	101	16		39		104	222	71	
1891	110	16		40		177	233	85	
1892	99	11		28		92	245	68	
1893	105	11		28		87	232	59	
1894	93	10		27		88	248	58	
1895	99	10		27		91	251	60	
1896	93	8		25		84	184	50	
1897	87	7		24		80	180	57	
1898	86	7		24		78	184	50	
1899	91	7		26		82	171	59	
1900	100	8		26		88	177	60	
1901	135	17	2	45	6	148	285	161	
1902	137	16	2	45	6	154	282	169	
1903	138	15	2	45	6	159	288	166	
1904	137	10	1	45	6	165	282	167	
1905	138	12	1	44	6	165	282	169	
1906	148	12	1	47	6	173	285	164	
1907	155	12	4	45	7	190	279	136	
1908	178	24	4	53	7	194	285	200	
1909	276	34	6	81	8	270	339	192	
1910	284	42	5	85	7	275	355	200	
1911	290	48	6	87	8	281	359	210	
1912	290	53	6	91	10	284	359	200	
1913	305	50	7	90	11	300	360	210	
1914	325	52	8	95	13	297	364	220	
1915	300	60	9	100	13	275	365	211	
1916	290	64	9	103	14	275	360	200	
1917	293	45	10	100	14	292	365	196	
1918	251	46	11	90	14	310	361	175	
1919	174	55	13	62	3	210	284	147	
1920	204	61	13	77	3	210	300	155	
1921	217	61	18	79	3	210	272	140	
1922	185	53	20	86	2	202	267	150	
1923	226	58	19	81	3	210	270	162	
1924	232	56	10	55	2	175	280	86	
1925	214	36	12	60	2	254	320	151	
1926	195	54	15	54	2	220	304	156	
1927	189	30	17	51	2	183	310	147	
1928	193	36	14	55	2	201	304	154	

¹ Includes Pacific States.

² State of Nevada included in "The Territories" 1869.

³ States of Nevada and Colorado included in "The Territories," 1877-1879.

⁴ Less than 500 acres.

TABLE 3.—Oats: Estimated average yield per acre, by States, 1866-1928

Year	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1866	27.7	29.2	40.3	29.2	35.0	32.0	33.0	34.5	32.9	32.2
1867	22.0	27.5	30.1	26.7	27.0	27.5	26.2	27.0	30.0	31.1
1868	22.0	26.5	30.0	24.1	28.0	27.7	26.0	22.4	27.8	29.0
1869	30.5	30.0	35.6	31.0	31.0	33.7	35.0	34.1	35.7	33.0
1870	27.4	29.7	33.7	26.4	32.7	32.4	32.4	31.0	32.6	31.1
1871	25.0	37.0	35.5	31.4	33.3	31.6	39.1	33.3	31.0	34.7
1872	29.5	33.0	35.2	30.4	35.6	35.8	35.0	27.4	31.2	30.0
1873	21.0	36.0	32.6	33.3	31.3	32.0	31.0	26.5	30.2	27.0
1874	28.0	37.6	37.0	36.2	30.0	31.5	32.8	22.5	24.6	20.5
1875	28.0	38.6	39.0	36.0	30.0	28.0	32.0	24.0	30.0	27.2
1876	23.0	33.0	37.0	30.0	27.0	24.0	28.5	26.5	28.6	26.5
1877	23.0	43.0	39.0	35.0	39.0	30.0	35.0	33.5	36.0	32.0
1878	25.4	36.8	31.8	29.0	24.0	30.4	32.2	31.1	32.4	35.9
1879	30.0	35.0	33.0	31.0	24.0	23.0	31.0	32.0	31.0	29.9
1880	25.0	30.0	32.0	31.0	30.0	28.3	30.5	27.0	30.0	28.0
1881	28.9	34.7	33.6	30.4	29.3	28.3	28.8	30.7	31.8	27.7
1882	21.4	34.3	34.3	30.7	27.5	28.3	29.9	29.2	27.3	26.4
1883	31.5	34.8	34.6	31.3	30.4	29.6	31.3	32.6	30.6	33.9
1884	29.0	32.5	35.0	30.4	27.4	29.6	30.0	21.1	27.9	28.0
1885	31.0	34.7	36.4	31.0	26.3	28.5	27.9	26.6	26.3	37.3
1886	29.8	33.0	36.0	30.4	29.0	28.8	28.7	27.2	28.7	32.4
1887	28.8	28.6	25.4	28.4	26.0	27.6	23.5	23.2	25.5	30.0
1888	27.4	30.3	32.5	28.2	27.4	26.5	29.0	26.3	26.5	31.8
1889	29.4	30.5	31.5	27.2	26.5	25.6	25.0	23.6	26.2	31.3
1890	28.3	27.5	26.2	25.7	23.4	20.0	17.8	17.3	17.2	18.0
1891	34.6	35.0	37.5	33.0	31.5	30.0	31.5	29.3	27.2	32.3
1892	32.2	34.0	35.3	34.0	29.4	25.3	28.0	25.7	25.2	26.3
1893	36.3	34.2	36.4	34.3	28.2	25.0	24.0	23.9	26.8	28.6
1894	38.5	31.1	32.9	31.9	30.0	25.8	22.1	28.4	22.3	30.3
1895	40.1	36.9	43.8	36.0	32.4	31.9	31.7	35.5	31.7	31.7
1896	40.0	38.0	40.5	36.0	30.0	29.0	33.0	34.0	31.0	31.0
1897	31.0	35.0	33.0	32.0	32.0	29.0	31.0	25.0	28.2	32.0
1898	36.0	33.0	38.0	32.0	27.0	28.2	27.5	19.6	23.3	30.9
1899	35.0	35.0	37.0	33.0	26.0	28.0	31.0	24.0	33.0	36.0
1900	37.5	32.6	34.9	36.8	30.9	31.0	27.9	29.6	31.1	38.0
1901	35.0	29.5	33.0	31.0	29.4	28.7	21.6	16.0	18.9	31.5
1902	39.0	35.0	40.0	32.2	36.2	34.5	40.0	32.2	36.5	41.1
1903	39.5	31.1	38.2	31.7	28.1	31.2	34.0	25.4	28.6	30.6
1904	36.6	33.2	37.9	34.0	25.4	33.5	34.1	32.5	33.9	40.9
1905	38.5	32.8	39.4	32.0	29.4	34.5	34.2	32.0	34.0	35.8
1906	35.8	34.5	37.2	34.0	29.3	34.2	32.3	26.6	27.4	32.8
1907	37.1	32.5	34.0	35.0	29.5	31.5	30.7	29.5	29.6	22.8
1908	34.0	30.6	33.3	33.0	31.0	32.6	30.1	30.7	27.3	26.4
1909	37.0	31.5	32.2	31.0	25.0	27.5	28.2	25.5	26.0	32.5
1910	42.4	42.8	41.5	35.5	35.0	36.8	34.5	37.1	35.2	37.2
1911	38.5	33.8	35.0	35.0	29.0	35.1	29.5	28.5	28.3	32.1
1912	34.6	39.0	43.0	34.0	28.6	30.7	30.8	27.6	33.1	44.0
1913	40.0	35.0	39.0	35.0	26.0	28.0	33.5	29.0	31.0	30.2
1914	41.0	38.0	42.5	37.0	27.5	29.0	31.5	29.0	30.0	30.5
1915	40.0	38.0	43.0	36.0	33.0	32.5	40.5	32.5	38.0	41.0
1916	36.0	37.0	32.0	32.0	27.0	30.0	26.0	30.0	31.0	28.0
1917	29.0	38.0	36.0	37.0	31.0	33.0	35.0	34.0	35.0	44.0
1918	40.0	38.0	41.0	40.0	42.0	38.0	41.0	40.0	39.0	44.0
1919	34.0	33.0	29.5	33.0	30.0	29.5	25.5	30.0	31.0	33.0
1920	41.8	39.0	35.0	34.0	28.0	30.0	38.5	32.0	39.0	44.2
1921	35.0	35.0	33.0	31.0	28.0	30.0	24.0	24.0	28.5	23.0
1922	38.0	38.0	34.0	34.0	31.0	28.0	30.0	31.0	34.0	27.0
1923	37.0	37.5	35.0	35.0	32.0	29.0	32.2	24.0	29.0	34.5
1924	38.0	39.0	38.0	34.0	30.0	29.0	36.0	30.0	36.0	41.0
1925	45.0	39.0	40.0	38.0	33.0	33.0	36.0	30.0	35.0	41.5
1926	38.0	40.0	38.0	34.0	32.0	32.0	34.0	33.0	32.0	38.0
1927	37.0	39.0	39.0	35.0	32.0	32.0	35.0	36.0	36.0	32.0
1928	35.0	39.0	34.0	32.0	28.0	27.0	33.0	30.0	32.5	37.0

TABLE 3.—Oats: Estimated average yield per acre, by States, 1866-1928—Contd.

Year	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri	North Dakota ¹	South Dakota ¹	Nebraska
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
1866	29.3	34.0	35.1	33.3	35.0	37.8	30.7			47.2
1867	10.9	30.1	29.5	35.0	38.0	42.0	30.0			30.2
1868	26.5	31.9	30.1	32.0	36.0	33.0	32.9			30.4
1869	29.5	32.5	35.4	36.2	37.5	37.3	33.0			41.3
1870	28.1	26.0	35.3	27.9	32.9	29.7	25.0			33.7
1871	28.8	33.1	34.2	38.6	33.8	41.1	28.3			31.8
1872	30.5	36.0	30.0	35.5	36.5	36.7	32.7			37.5
1873	20.0	30.0	30.2	35.0	36.1	33.0	28.0			30.0
1874	19.0	17.5	27.0	26.2	30.0	30.0	22.0			23.1
1875	29.0	33.0	35.0	39.1	35.0	37.7	31.6			35.0
1876	22.7	20.0	31.4	31.0	25.0	25.4	20.2			25.3
1877	25.0	37.0	37.0	36.0	33.5	38.0	33.0			40.0
1878	29.0	35.9	32.1	38.1	42.4	36.3	30.6			33.4
1879	28.3	32.0	32.2	39.0	35.0	36.0	24.6			32.0
1880	24.7	31.8	30.0	31.4	32.5	33.0	25.6			21.5
1881	23.0	33.4	32.7	28.0	35.0	26.2	23.8			21.4
1882	26.8	40.7	31.7	29.6	35.7	31.0	30.1	25.7		23.5
1883	29.7	36.1	34.6	30.4	33.1	34.1	28.7	42.9		40.0
1884	30.0	32.8	33.4	33.5	35.2	36.7	26.7	37.5		33.7
1885	26.8	32.8	35.4	33.8	34.9	33.8	22.3	37.5		34.3
1886	30.7	31.8	29.5	28.4	34.4	34.1	23.4	25.0		29.5
1887	27.0	29.5	29.6	24.2	30.0	30.5	29.3	31.4		27.5
1888	26.5	35.8	33.2	29.4	28.7	26.2	25.2	27.2		25.8
1889	27.2	37.5	32.7	34.5	34.0	36.3	25.5	18.7		27.6
1890	17.5	21.0	26.0	26.0	25.6	25.8	17.4	21.0		21.3
1891	26.0	34.0	32.5	39.3	37.5	39.2	25.8	33.5	32.3	32.3
1892	26.5	26.3	28.7	30.2	27.3	25.4	20.0	26.5	26.3	26.7
1893	27.5	27.2	26.0	27.6	24.8	24.8	23.4	21.9	21.5	15.0
1894	32.3	36.1	26.1	32.9	28.1	25.6	23.3	25.9	7.6	12.6
1895	22.9	24.4	23.9	33.8	39.9	46.2	27.7	32.1	25.3	23.8
1896	29.0	28.0	30.0	35.0	33.0	27.5	18.0	22.0	27.5	19.0
1897	30.2	32.0	26.0	34.0	26.0	30.0	22.0	23.0	22.0	31.0
1898	29.2	29.0	32.8	36.1	36.3	34.0	17.0	30.7	26.8	32.1
1899	32.0	38.0	34.0	36.0	32.0	33.0	25.0	30.0	26.0	30.0
1900	32.7	38.0	36.7	32.0	25.2	34.0	27.4	10.3	21.5	21.8
1901	28.6	28.2	29.0	29.1	32.1	29.8	11.2	32.6	28.8	19.8
1902	35.4	37.7	39.9	39.9	39.0	30.7	32.5	38.4	34.8	34.6
1903	24.4	26.6	30.5	32.8	32.3	24.0	22.1	27.4	38.6	29.5
1904	33.1	32.0	32.5	35.0	39.2	32.0	22.7	37.4	39.0	30.7
1905	35.3	35.5	35.6	39.0	37.5	35.0	27.2	38.9	39.0	31.0
1906	28.2	29.5	30.7	37.4	32.5	33.8	22.8	32.5	36.4	29.5
1907	20.2	24.5	20.8	22.0	24.5	24.2	21.5	24.5	24.7	20.4
1908	21.2	23.0	29.7	31.1	22.0	24.3	19.3	23.4	23.0	22.0
1909	30.5	36.6	30.5	35.0	33.0	27.0	27.0	32.0	30.0	25.0
1910	35.4	38.0	34.0	29.8	28.7	37.8	33.6	7.0	23.0	28.0
1911	28.7	28.8	28.6	29.8	22.8	25.5	14.8	23.5	7.4	13.9
1912	40.1	43.3	34.9	37.3	41.7	44.2	33.0	41.4	33.8	24.4
1913	21.4	23.8	30.0	36.5	37.8	34.5	21.2	25.7	26.5	26.5
1914	28.5	29.3	33.5	27.0	28.0	33.0	21.5	28.0	27.5	32.0
1915	40.0	45.0	42.0	46.5	43.0	40.0	26.0	40.0	42.0	32.0
1916	30.0	38.5	30.0	37.0	26.5	37.0	25.0	21.5	30.5	35.5
1917	42.0	52.0	36.0	44.0	37.0	47.0	40.0	15.0	34.0	38.0
1918	42.0	44.0	40.0	46.6	41.0	42.0	29.0	23.5	39.0	22.2
1919	32.0	30.0	25.0	33.4	28.0	34.6	27.0	15.5	29.0	32.8
1920	41.0	39.5	39.6	44.8	37.5	39.0	30.5	24.0	34.0	34.0
1921	24.0	26.5	18.2	24.3	24.0	26.0	20.0	19.0	22.0	27.1
1922	21.0	28.5	34.0	41.2	35.5	37.1	16.0	33.0	31.0	23.3
1923	28.0	35.0	32.0	36.3	37.0	36.2	25.0	23.0	34.0	33.0
1924	37.0	39.0	38.8	40.0	43.0	42.0	25.0	34.0	37.0	28.0
1925	28.0	32.5	32.0	48.5	42.0	39.2	26.0	27.0	34.0	27.4
1926	30.0	26.5	33.0	37.5	28.5	31.5	20.0	17.0	11.0	20.7
1927	25.0	25.5	33.5	38.5	26.8	32.0	17.0	21.5	29.3	28.6
1928	37.0	37.5	35.8	43.5	37.5	38.5	28.0	31.0	27.0	33.0

¹ Dakota Territory prior to Nov. 2, 1899.

TABLE 3.—Oats: Estimated average yield per acre, by States, 1866-1928—Contd.

Year	Kansas	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1866	39.0	15.0	26.6	20.0	21.5	14.3	8.3	10.7	22.5	21.8
1867	36.0	16.6	23.2	17.0	24.7	13.3	11.1	12.4	17.0	18.8
1868	25.0	8.0	18.0	17.8	24.7	13.0	9.7	12.5	11.5	22.0
1869	42.1	10.0	19.8	17.1	25.2	15.1	10.8	12.3	13.0	19.4
1870	31.5	20.0	24.0	19.5	27.2	16.2	9.7	14.6	12.5	23.2
1871	31.8	20.0	17.7	16.4	25.1	10.6	8.9	10.7	13.0	24.3
1872	32.5	15.5	14.3	13.0	24.1	13.8	8.0	12.5	11.2	24.6
1873	33.0	19.3	18.8	16.3	27.0	16.3	14.0	12.4	13.0	24.0
1874	24.5	21.0	16.5	11.5	16.4	12.9	11.5	10.2	12.0	14.4
1875	33.0	21.0	20.0	15.0	21.0	13.0	12.5	11.0	13.0	21.0
1876	31.7	26.0	21.5	15.8	22.5	13.5	14.5	11.6	13.5	22.0
1877	38.0	23.0	22.0	16.0	25.0	15.5	13.0	13.0	14.0	25.0
1878	36.0	27.5	20.0	15.7	25.8	16.0	13.4	16.7	15.3	26.4
1879	25.0	22.0	23.0	12.0	22.3	16.0	15.0	15.0	16.0	16.8
1880	22.2	18.3	24.0	11.0	20.0	11.0	14.0	10.0	9.5	18.0
1881	19.8	18.5	19.3	7.9	16.8	8.1	11.0	9.1	8.2	16.3
1882	27.0	19.5	16.7	8.8	14.7	9.8	12.1	9.5	9.7	17.1
1883	39.4	23.9	20.2	10.0	15.6	8.7	9.8	9.0	9.8	16.3
1884	35.0	23.4	18.0	10.3	17.0	7.5	9.0	8.9	9.4	18.4
1885	31.8	23.6	22.3	13.9	20.5	7.5	8.5	9.0	9.7	20.8
1886	26.4	23.0	21.8	13.5	20.1	9.9	8.7	9.0	9.5	21.0
1887	20.6	21.2	20.7	17.0	17.8	13.0	11.6	11.5	14.5	18.0
1888	25.3	20.6	10.3	12.3	17.2	9.2	9.5	11.5	11.3	17.2
1889	26.5	18.3	18.7	13.5	17.2	10.2	10.5	11.0	10.5	18.5
1890	24.0	13.0	12.0	9.8	10.6	9.2	10.6	9.7	10.7	8.5
1891	33.2	20.3	19.0	10.7	17.3	9.5	10.6	11.7	11.4	18.5
1892	28.5	19.3	19.0	11.2	27.5	9.7	10.5	10.7	9.8	18.3
1893	18.5	25.4	21.2	17.5	23.5	14.1	11.8	13.3	11.8	22.2
1894	17.9	19.0	21.4	12.0	18.5	10.9	12.0	13.4	11.8	21.0
1895	17.9	10.1	26.2	17.7	23.4	15.1	15.2	14.5	10.2	26.2
1896	13.0	29.0	24.0	18.5	24.0	12.0	11.0	12.0	12.0	21.0
1897	24.0	22.0	24.0	12.0	20.0	13.0	15.5	14.0	9.0	18.0
1898	18.0	22.0	19.5	16.1	19.5	14.3	17.2	16.6	15.4	22.4
1899	29.0	20.0	23.0	14.0	23.0	12.0	12.0	9.0	9.0	18.0
1900	31.6	21.0	24.0	14.8	21.0	13.9	15.5	15.0	11.3	21.3
1901	18.6	18.5	18.8	14.9	18.7	14.4	15.8	14.8	13.1	19.7
1902	33.5	22.6	26.7	17.5	28.6	12.7	13.1	11.1	13.6	22.2
1903	26.2	22.2	20.6	13.8	21.7	11.4	14.0	13.6	13.2	20.1
1904	17.8	28.2	20.7	21.1	26.4	15.8	17.1	14.8	12.9	24.0
1905	27.1	31.2	27.7	17.8	24.1	15.3	16.3	15.1	12.0	24.5
1906	23.6	24.5	25.4	18.0	20.6	16.2	18.5	15.5	14.0	21.5
1907	15.0	30.0	27.5	19.6	19.3	15.6	20.0	16.7	13.7	17.6
1908	22.0	29.8	25.5	19.1	19.0	16.5	20.0	17.2	14.5	16.2
1909	28.2	25.5	25.4	19.0	22.0	16.5	21.0	19.0	17.0	22.3
1910	33.3	33.8	30.0	22.0	25.2	18.2	21.0	18.2	16.2	25.0
1911	15.0	30.0	27.0	20.0	22.0	16.5	20.4	21.5	13.5	18.4
1912	32.0	30.6	30.0	22.2	28.0	18.6	21.5	20.8	17.2	26.9
1913	19.5	30.5	28.0	21.5	24.0	19.5	23.5	22.0	18.0	19.8
1914	33.5	27.0	27.0	15.5	20.0	17.5	20.0	20.0	18.0	21.0
1915	26.5	33.5	34.0	25.0	29.0	23.0	19.0	19.5	20.0	20.0
1916	23.5	30.0	29.5	23.5	23.0	17.5	18.0	19.5	15.0	21.0
1917	31.0	32.0	31.0	24.5	27.0	16.0	15.0	16.0	14.0	20.0
1918	22.0	35.0	33.0	23.0	27.0	17.0	22.0	20.0	18.0	24.0
1919	28.1	23.0	28.0	22.0	21.0	16.7	23.0	20.0	15.0	22.5
1920	30.7	33.0	32.5	21.9	27.0	22.0	24.0	21.0	17.0	23.5
1921	20.5	28.0	27.0	20.5	22.0	18.0	24.0	21.0	13.0	19.0
1922	18.5	23.0	30.0	20.0	23.0	21.0	24.0	18.0	13.0	18.3
1923	26.1	26.0	29.8	22.0	24.0	22.0	24.0	18.0	12.0	21.0
1924	25.0	30.0	34.0	23.5	24.0	18.0	19.5	15.5	13.5	23.2
1925	23.0	25.0	32.0	21.5	27.0	19.0	19.0	17.0	14.0	21.0
1926	21.6	28.0	32.8	26.0	28.0	22.0	25.2	23.0	16.7	24.5
1927	23.5	29.0	33.5	21.5	24.2	21.0	23.0	21.0	11.0	19.0
1928	29.0	30.0	31.5	26.5	28.0	22.0	23.0	20.0	17.4	20.0

TABLE 3.—Oats: Estimated average yield per acre, by States, 1866-1928—Contd.

Year	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas	Montana	Idaho	Wyoming
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
1866	20.0	11.4	10.4	13.0	14.0	25.5				
1867	15.4	11.7	13.0	16.7	14.0	23.6				
1868	17.4	11.7	15.3	22.5	15.0	28.6				
1869	16.7	12.6	23.7	24.7	13.0	28.4				
1870	19.3	15.6	14.5	23.6	25.0	21.6				
1871	15.2	13.4	13.8	25.0	20.0	25.1				
1872	18.7	12.0	12.5	24.5	19.1	25.4				
1873	20.6	15.5	14.4	23.4	16.3	30.0				
1874	14.0	11.6	14.5	15.0	12.3	27.2				
1875	18.0	14.0	18.5	29.0	14.0	32.0				
1876	17.6	14.1	16.3	20.5		31.0				
1877	22.0	12.0	17.2	24.0		33.0				
1878	20.4	16.3	16.6	24.6	14.0	37.0				
1879	18.0	17.0	11.6	23.2	14.0	25.0				
1880	13.0	9.2	15.0	18.0	15.0	26.0				
1881	14.2	9.1	10.3	13.8	13.8	26.8				
1882	11.8	10.4	11.5	14.3	16.3	25.7	39.3	36.2	26.9	
1883	11.9	10.6	11.5	14.4	13.9	22.8	37.6	37.4	30.0	
1884	13.5	12.4	8.8	15.5	11.5	22.0	33.5	30.0	30.0	
1885	17.3	12.2	11.2	21.1	11.4	27.8	33.1	30.3	32.0	
1886	12.4	11.5	9.5	18.0	10.0	20.6	35.0	31.0	31.2	
1887	14.3	11.0	12.3	17.5	13.5	21.0	31.0	30.0	30.1	
1888	16.4	11.5	11.2	18.0	12.0	22.3	29.0	27.6	27.4	
1889	11.5	9.2	10.2	16.5	9.4	22.7	30.0	28.0		
1890	9.5	12.0	13.2	13.5	13.2	17.3	31.0	30.0		
1891	14.4	12.8	11.5	16.5	11.3	24.5	32.0	31.5		
1892	13.5	10.2	10.6	15.7	12.2	24.5	28.8	29.0	28.6	
1893	18.4	14.2	15.5	19.3	16.0	25.1	34.0	33.1	24.0	
1894	14.6	13.2	13.0	18.5	22.3	32.7	40.1	38.5	30.4	
1895	22.5	14.9	15.7	25.4	15.0	20.7	35.8	35.2	41.0	
1896	16.5	14.0	13.0	16.0	10.0	20.0	40.7	42.0	32.0	
1897	10.0	13.0	14.0	17.0	18.0	25.0	42.0	36.3	35.0	
1898	18.7	16.8	18.5	22.8	18.1	29.7	40.6	43.6	31.2	
1899	14.0	10.0	10.0	19.0	18.0	25.0	38.0	34.0	30.0	
1900	16.6	14.4	14.0	22.2	18.0	38.0	39.0	36.6	34.2	
1901	17.5	14.5	15.2	12.3	13.4	22.7	16.3	42.0	38.3	41.0
1902	17.3	10.9	15.4	20.0	15.2	41.7	23.2	41.9	42.1	36.0
1903	18.5	15.8	15.0	18.6	15.9	27.9	35.5	46.4	41.5	29.4
1904	21.1	14.9	19.2	22.7	18.4	26.0	32.0	37.7	39.3	30.2
1905	20.2	16.5	18.5	20.3	16.0	34.2	31.4	41.3	39.4	39.9
1906	21.5	17.2	18.0	20.5	17.2	34.3	34.8	43.2	40.7	39.5
1907	20.8	17.5	17.9	19.5	14.5	15.0	19.0	49.0	50.5	37.0
1908	21.0	18.0	17.5	21.4	20.0	25.0	28.9	41.6	44.0	36.4
1909	20.0	16.5	16.0	22.8	20.0	29.0	18.7	51.3	44.5	35.0
1910	23.0	18.5	19.2	27.5	21.5	36.5	35.0	38.0	38.5	32.0
1911	19.5	19.2	18.4	20.0	21.0	9.0	25.1	49.8	44.0	34.5
1912	21.7	20.0	17.4	19.9	20.8	25.1	36.0	48.0	48.9	41.8
1913	21.0	20.5	20.0	26.5	22.0	18.0	32.5	43.5	46.5	38.0
1914	23.0	22.0	23.0	24.0	23.0	27.5	25.0	35.0	44.0	35.0
1915	24.5	19.0	21.5	27.0	25.0	27.0	35.5	52.0	47.0	42.0
1916	21.0	17.5	18.0	21.0	19.0	12.5	28.5	38.0	43.0	35.0
1917	25.0	18.0	19.0	28.0	22.3	23.0	26.0	20.0	38.0	26.0
1918	25.0	19.0	20.0	25.5	25.0	24.0	14.7	30.0	40.0	41.0
1919	18.5	18.0	16.0	22.0	22.0	32.0	42.0	6.0	30.0	12.0
1920	19.8	18.0	17.0	25.0	23.0	33.0	22.0	22.0	38.0	38.0
1921	20.5	22.0	20.0	22.0	23.0	20.0	18.0	24.0	43.0	31.0
1922	18.0	20.0	19.0	25.0	22.3	20.0	23.0	32.0	38.0	31.0
1923	21.0	17.0	19.0	23.0	22.0	20.0	32.0	33.0	46.0	34.0
1924	21.0	15.0	16.0	18.0	20.0	25.0	34.0	29.5	36.0	30.0
1925	22.0	17.0	19.0	16.0	21.0	23.0	12.3	22.5	49.0	35.0
1926	25.0	22.0	22.0	22.0	26.6	28.0	42.6	26.0	40.0	35.0
1927	17.0	17.5	19.0	20.0	17.5	19.0	21.0	40.0	47.0	38.0
1928	21.5	17.5	20.0	22.0	24.5	26.0	25.5	36.5	47.0	29.0

* Indian Territory included, 1901-1906.

TABLE 3.—Oats: Estimated average yield per acre, by States, 1866-1928—Contd.

Year	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1866								
1867								
1868								30.0
1869								41.8
1870							42.0	34.5
1871					32.5		36.0	35.5
1872					35.0		29.7	40.0
1873					35.0		28.2	25.0
1874					33.0		37.5	30.0
1875					35.0		36.7	35.8
1876					36.0		35.0	32.0
1877					31.0		38.0	35.0
1878							35.0	25.0
1879							31.0	30.0
1880	27.0				28.0		36.0	33.0
1881	27.4				31.7		31.2	29.0
1882	28.4	16.5		22.3	30.7	40.0	34.6	23.1
1883	29.3	17.0	25.0	22.7	28.9	39.7	28.5	24.0
1884	35.0	20.0		24.9	31.9	34.9	24.6	25.8
1885	37.3	20.4		30.5	34.5	38.5	28.0	27.0
1886	33.0	35.0		29.8	31.8	35.4	30.0	27.0
1887	31.0	23.5		26.5	24.9	37.0	25.6	28.8
1888	27.4	25.0		27.7	25.5	35.0	27.3	26.8
1889	32.0	21.0		25.0		31.0	26.0	25.3
1890	24.8	24.0		27.5		33.5	25.7	25.0
1891	33.6	22.0		28.7		35.0	30.0	27.5
1892	28.7	20.3		26.5		34.5	30.5	28.5
1893	26.7	29.2		27.9		39.7	26.5	29.3
1894	13.5	35.0		33.0		36.5	28.5	25.5
1895	34.3	39.9		33.8		40.3	36.7	35.6
1896	28.0	27.0		38.0		36.0	28.8	28.1
1897	34.0	35.5		35.0		48.0	21.0	31.0
1898	35.8	38.8		39.7		41.9	32.0	18.0
1899	27.0	24.0		34.0		37.0	37.0	33.0
1900	32.8	30.1		35.9		34.4	30.0	31.0
1901	33.8	31.6	35.0	33.0	43.0	47.5	18.5	24.6
1902	26.8	19.1	31.7	35.5	34.8	46.2	34.4	30.4
1903	33.3	22.6	35.5	36.4	28.6	47.9	28.7	30.5
1904	35.4	19.6	30.1	37.6	37.0	44.9	33.8	34.8
1905	35.0	29.5	31.2	39.8	37.2	50.0	23.1	34.1
1906	40.4	34.6	34.4	43.7	38.8	43.2	24.1	28.0
1907	38.0	38.5	29.0	45.0	43.0	55.5	33.8	31.5
1908	39.5	33.5	36.0	49.5	45.0	44.5	35.0	33.5
1909	38.0	40.0	37.0	46.1	40.0	49.0	33.4	33.5
1910	39.1	27.4	40.1	43.0	44.7	42.8	37.8	31.4
1911	35.0	38.8	42.0	44.7	45.0	51.7	34.5	37.0
1912	42.8	34.7	44.7	46.4	40.0	48.2	34.7	34.0
1913	35.0	30.0	43.0	46.0	43.0	47.5	38.2	39.0
1914	40.0	38.0	42.0	50.0	52.0	47.0	42.3	31.6
1915	39.0	36.0	37.0	47.0	45.0	50.0	35.0	36.0
1916	33.0	29.0	37.5	43.5	43.0	52.0	44.0	33.0
1917	38.0	30.0	40.0	44.0	40.0	38.5	48.0	32.5
1918	30.0	28.0	40.0	45.0	38.0	27.0	25.0	35.0
1919	26.2	27.4	35.0	27.9	25.3	40.0	32.0	32.0
1920	31.5	27.4	27.0	33.8	37.2	46.6	31.3	29.0
1921	31.0	27.7	35.0	36.4	37.7	50.0	36.5	30.0
1922	25.0	15.6	31.0	39.0	37.2	39.2	32.0	27.0
1923	32.0	20.0	30.0	37.8	35.4	57.0	25.0	35.0
1924	25.0	20.0	28.0	32.8	30.0	38.5	39.0	32.5
1925	27.0	20.0	30.0	47.0	40.0	44.0	28.0	18.2
1926	24.0	28.0	35.0	40.0	32.0	43.0	33.0	34.7
1927	29.0	22.0	36.0	42.0	40.0	50.0	29.0	32.5
1928	31.0	20.0	38.0	45.0	40.0	47.0	34.0	28.5
							36.0	34.5

Compiled from reports of the Division of Crop and Livestock Estimates.

20 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 4.—Oats: Estimated production, by States, 1866-1928

[In thousands of bushels—i. e., 000 omitted]

Year	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio
1866	2,654	1,481	4,846	1,278	154	2,741	54,029	6,409	54,055	22,187
1867	2,090	1,540	4,506	1,342	154	2,878	38,000	6,028	59,000	23,206
1868	1,862	1,232	4,055	1,261	200	2,705	25,000	5,368	55,108	24,227
1869	3,200	1,063	5,050	1,525	250	2,100	31,250	6,440	48,000	27,000
1870	2,163	1,066	3,170	733	152	913	20,646	4,049	34,280	21,500
1871	1,514	1,151	3,106	754	156	958	32,610	3,846	31,545	24,900
1872	1,741	1,127	3,509	716	163	1,063	31,305	3,076	31,545	27,480
1873	1,305	1,003	3,570	985	150	956	27,548	2,737	31,220	23,000
1874	1,657	1,033	4,151	751	142	1,013	30,302	3,284	25,607	17,317
1875	2,400	1,175	4,500	760	140	1,090	36,500	3,850	32,500	23,750
1876	2,352	1,222	4,514	490	90	1,050	40,025	4,150	33,150	24,500
1877	2,412	1,550	4,850	580	127	1,220	48,000	5,225	42,400	28,500
1878	2,607	1,314	3,915	470	79	1,298	45,080	5,252	37,778	32,848
1879	3,087	1,225	3,818	508	72	973	39,928	5,218	32,531	25,717
1880	2,013	892	3,186	717	167	1,038	40,004	3,523	35,721	25,009
1881	2,369	1,030	3,345	703	104	1,038	38,160	3,052	38,570	18,400
1882	1,777	1,030	3,445	703	156	1,048	40,088	3,809	34,721	20,500
1883	2,665	1,033	3,549	724	179	1,101	42,071	4,266	38,198	23,419
1884	2,428	993	3,625	717	161	1,112	41,145	2,735	35,027	37,470
1885	2,622	1,092	3,800	753	167	1,090	38,676	3,556	34,326	31,850
1886	2,701	1,081	3,844	738	184	1,123	40,223	3,734	37,759	30,098
1887	2,684	965	2,736	703	165	1,088	33,208	3,221	33,921	33,619
1888	2,656	1,033	3,536	705	174	1,055	40,570	3,688	35,251	30,819
1889	2,764	956	3,324	646	170	1,009	36,009	3,408	34,504	20,004
1890	2,847	862	2,793	598	153	780	23,913	2,440	21,972	28,523
1891	3,446	1,098	4,037	768	226	1,147	41,894	3,884	33,704	26,304
1892	4,009	960	3,784	460	123	619	38,729	3,066	29,064	27,236
1893	4,474	984	3,957	524	117	593	30,209	2,623	30,601	29,143
1894	4,294	895	3,720	497	113	606	30,321	3,086	28,227	31,405
1895	5,552	1,094	5,101	550	122	742	45,666	3,819	36,536	32,554
1896	5,870	1,161	4,716	550	113	641	49,916	3,021	38,087	32,554
1897	4,140	1,058	3,497	489	118	609	45,953	2,556	31,843	29,007
1898	5,048	1,008	4,107	484	99	563	38,727	1,923	27,069	32,046
1899	4,957	1,047	3,959	489	95	525	45,402	2,285	39,148	40,341
1900	5,258	995	3,720	551	114	579	44,539	2,812	38,001	35,217
1901	4,036	363	2,516	210	47	295	28,050	1,155	23,556	40,410
1902	4,542	418	3,111	210	62	351	52,983	2,185	45,036	30,752
1903	4,738	375	3,031	217	47	321	44,585	1,620	34,583	49,734
1904	4,171	404	3,037	226	41	338	42,480	2,052	39,762	37,993
1905	4,344	399	3,094	204	47	348	43,031	2,000	39,480	45,380
1906	4,030	424	2,863	214	47	341	40,234	1,663	31,816	36,480
1907	4,266	423	2,652	245	59	315	37,086	1,770	29,689	38,544
1908	4,046	398	2,664	231	62	359	37,625	1,842	27,382	57,501
1909	4,232	386	2,141	268	48	274	34,795	1,377	28,173	65,844
1910	5,512	471	3,154	284	70	405	45,540	2,671	40,269	54,670
1911	5,198	406	2,660	280	58	386	38,645	2,024	31,724	52,380
1912	4,602	468	3,311	272	57	338	36,714	1,849	36,377	54,360
1913	5,600	420	3,081	315	52	308	42,712	2,030	35,774	50,325
1914	5,781	456	3,358	333	55	319	40,162	1,943	32,190	69,003
1915	7,000	456	3,483	432	66	422	64,270	2,275	43,320	78,100
1916	5,760	444	2,560	352	54	510	31,356	2,070	25,030	74,800
1917	3,480	646	2,952	259	62	594	42,000	2,550	40,250	85,068
1918	6,760	1,140	4,510	480	84	722	51,690	3,180	47,190	91,616
1919	3,978	594	2,448	297	30	324	25,704	2,130	36,456	68,068
1920	4,974	702	2,835	306	28	330	40,772	2,304	47,190	35,650
1921	4,340	630	2,673	279	28	330	24,912	1,728	35,283	30,744
1922	4,560	684	3,060	340	31	308	31,770	2,232	39,780	52,302
1923	4,625	675	2,625	315	32	290	32,747	1,632	33,030	65,000
1924	4,750	427	3,002	272	60	377	33,840	1,440	36,216	83,000
1925	6,075	468	3,360	342	66	429	36,612	1,500	40,495	75,240
1926	5,168	440	3,116	306	96	480	34,518	1,650	35,552	80,800
1927	4,588	429	3,237	280	64	480	35,000	1,794	39,600	89,281
1928	4,200	390	2,686	224	56	405	33,660	1,500	34,678	

TABLE 4.—Oats: Estimated production, by States, 1866-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri	North Dakota ¹	South Dakota ¹	Nebraska
1866	10,159	30,054	8,294	17,174		12,608	3,451			450
1867	11,174	32,158	8,045	20,608	6,150	16,250	4,314			450
1868	11,285	32,470	7,562	18,753	7,011	15,600	4,529			544
1869	12,413	35,726	8,700	22,500	12,500	19,000	6,500			1,250
1870	11,608	38,502	9,831	14,327	8,959	16,340	5,525			1,226
1871	11,784	38,502	9,634	15,759	7,883	19,934	13,812			1,226
1872	13,080	43,122	9,248	16,546	9,450	19,934	10,850			1,667
1873	11,400	36,360	8,878	18,862	13,100	21,130	15,670			2,400
1874	11,628	31,824	8,434	14,335	11,135	19,650	13,319			1,944
1875	18,000	75,000	11,500	26,600	13,000	28,000	20,500			4,375
1876	13,270	48,000	11,500	21,700	12,000	21,250	13,150			3,500
1877	13,750	59,200	16,200	30,750	14,740	42,000	20,500			5,400
1878	16,487	56,295	13,899	33,528	20,352	38,333	19,584			6,430
1879	14,028	47,671	12,087	34,063	17,136	37,256	15,429			6,160
1880	15,711	62,947	16,415	30,896	21,069	40,922	25,314			5,285
1881	15,711	66,994	18,057	31,204	23,760	42,434	22,783			6,976
1882	18,853	99,141	18,238	34,324	20,950	52,618	30,074		3,606	9,418
1883	21,304	102,780	20,061	40,503	31,447	68,404	30,374		9,000	21,630
1884	21,742	98,153	19,990	45,940	36,100	78,650	30,774		11,812	21,844
1885	27,178	107,968	21,789	47,778	37,544	74,718	28,312		13,229	24,028
1886	31,798	103,649	18,521	39,656	40,735	78,454	30,577		20,651	21,865
1887	27,943	108,866	22,044	34,855	40,636	74,382	39,793		37,266	25,365
1888	28,522	137,400	26,668	42,768	43,540	67,090	34,909		34,218	26,177
1889	27,317	145,364	30,469	52,697	53,128	90,459	36,384		23,290	29,993
1890	17,800	70,821	25,033	38,919	38,402	71,397	24,579		23,849	22,430
1891	21,034	111,095	30,280	49,348	52,015	102,577	27,568	16,647	23,388	48,599
1892	20,175	75,063	27,809	50,572	43,573	95,841	24,093	12,510	18,472	43,131
1893	32,002	83,842	23,177	46,680	41,562	95,448	29,034	10,752	16,460	23,989
1894	35,809	109,050	24,430	57,870	50,860	96,557	25,441	14,115	5,993	10,747
1895	25,896	73,707	23,265	63,020	77,995	182,967	30,548	19,068	18,155	30,912
1896	34,433	84,582	30,079	65,258	56,766	105,642	19,851	11,239	17,957	34,093
1897	33,707	92,798	22,940	62,125	41,147	103,721	22,078	11,397	13,648	51,731
1898	31,939	88,304	27,783	64,643	56,299	123,428	15,866	15,061	16,127	56,245
1899	34,301	127,279	30,599	67,687	52,688	126,986	20,299	17,988	15,332	51,474
1900	44,866	133,643	33,690	61,972	41,907	130,572	24,695	6,299	12,653	37,779
1901	39,633	112,532	28,745	66,647	65,734	122,305	10,198	23,577	19,555	39,065
1902	48,566	153,450	40,340	95,038	82,200	124,738	27,815	29,437	24,101	62,122
1903	20,458	98,526	29,003	79,689	68,809	84,134	17,402	21,845	27,267	59,427
1904	42,359	117,342	32,175	86,735	85,178	122,323	16,266	31,010	27,825	57,908
1905	47,433	132,780	35,949	98,580	80,670	131,115	19,685	46,594	28,104	58,474
1906	50,196	107,763	43,747	91,630	72,011	140,777	14,686	40,486	46,410	72,275
1907	36,683	101,675	30,534	51,700	61,985	108,900	14,254	32,340	32,728	51,490
1908	35,425	94,300	41,847	73,085	50,004	110,444	13,510	32,737	31,395	56,078
1909	50,608	150,389	43,870	71,349	93,898	128,198	24,829	65,887	43,566	53,360
1910	59,472	164,350	51,510	67,651	85,440	192,780	40,320	15,155	35,650	70,896
1911	47,068	121,536	42,900	67,050	67,214	126,225	17,760	51,230	11,396	34,750
1912	79,799	182,726	51,826	84,746	122,932	217,818	37,125	95,220	52,290	55,510
1913	36,380	104,125	45,000	83,038	112,644	168,360	26,500	57,825	42,135	59,625
1914	44,888	125,900	50,752	62,100	85,120	165,000	25,800	64,904	44,165	69,000
1915	65,528	195,435	64,260	97,650	138,675	198,000	31,850	98,000	72,450	70,400
1916	52,500	172,095	42,690	81,400	88,112	188,700	32,250	53,750	56,425	79,875
1917	84,924	239,200	55,800	99,000	120,250	264,364	59,200	38,625	72,692	115,444
1918	85,050	198,352	60,320	110,815	134,562	244,566	44,196	60,512	79,050	56,188
1919	56,000	128,730	37,875	78,423	98,728	192,584	46,080	37,154	56,927	69,962
1920	76,875	171,193	58,806	107,878	138,825	229,866	58,490	60,432	75,446	83,040
1921	45,888	121,741	28,101	63,958	99,480	164,840	42,960	48,792	58,300	70,054
1922	31,626	110,010	50,932	101,558	142,746	217,925	19,200	78,804	74,460	56,106
1923	48,692	135,100	48,896	92,166	155,400	209,019	34,500	54,924	78,336	81,048
1924	69,375	170,586	58,704	103,000	197,241	245,910	40,750	88,944	104,858	68,768
1925	59,864	157,788	51,808	126,246	200,340	243,863	49,998	63,558	96,356	73,953
1926	61,500	123,516	51,810	96,638	129,162	195,867	43,400	34,408	23,213	52,516
1927	48,700	102,204	54,170	93,247	116,580	192,032	26,605	45,688	74,715	69,813
1928	80,910	174,338	58,461	108,532	153,338	231,154	47,768	59,954	59,211	78,936

¹Dakota Territory prior to Nov. 2, 1889. Not separately reported in 1890.

22 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 4.—Oats: Estimated production, by States, 1866-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Kansas	Dela-ware	Mary-land	Vir-ginia	West Vir-ginia	North Caro-lina	South Caro-lina	Geor-gia	Florida	Kent-ucky
1866	200	2,318	7,056	10,245	-----	2,949	656	985	19	5,645
1867	236	2,711	7,620	9,425	1,500	3,479	787	1,231	15	5,136
1868	247	1,436	6,096	8,671	1,755	3,479	629	1,132	14	5,908
1869	1,500	1,723	7,100	9,017	2,100	3,500	850	1,200	23	5,800
1870	3,688	498	3,286	7,175	2,655	2,750	926	1,200	116	6,148
1871	4,056	308	2,563	5,381	2,380	2,200	537	1,512	116	6,209
1872	6,084	318	1,999	4,089	2,341	2,860	494	1,814	104	6,767
1873	9,360	397	2,798	5,397	2,762	3,146	617	4,800	100	7,037
1874	7,847	397	2,434	4,587	1,684	3,083	715	4,560	117	4,292
1875	9,530	430	3,050	5,500	2,100	3,250	858	4,100	123	6,209
1876	12,389	375	4,450	7,450	2,800	3,530	1,100	5,709	132	6,850
1877	12,200	415	4,550	8,000	3,300	3,980	1,020	5,300	140	7,850
1878	16,020	462	3,440	7,928	3,535	4,448	1,072	7,154	161	7,920
1879	12,015	370	3,639	6,879	2,841	4,270	1,320	6,747	181	4,687
1880	8,583	313	2,278	5,775	2,412	5,515	3,088	6,185	436	7,026
1881	8,754	316	1,823	4,331	2,098	4,081	3,008	5,566	392	6,534
1882	12,781	411	1,659	5,457	1,888	5,713	4,430	7,236	510	7,187
1883	27,560	518	2,024	6,276	2,020	5,142	3,544	7,019	504	6,900
1884	27,419	482	1,980	6,418	2,212	4,622	3,545	6,270	494	7,865
1885	27,145	501	2,475	8,604	2,831	4,483	3,510	6,395	610	10,225
1886	25,516	492	2,470	8,577	2,803	6,276	3,440	5,301	480	10,210
1887	40,041	453	2,438	11,095	2,531	8,504	4,607	7,044	761	8,847
1888	42,654	450	2,296	8,108	2,495	6,078	3,773	7,115	599	8,454
1889	37,529	420	2,203	9,166	2,520	6,941	4,129	6,874	568	9,456
1890	31,269	298	1,357	6,587	1,606	6,198	4,168	5,455	573	3,954
1891	37,132	489	2,127	6,617	2,385	5,120	4,085	7,238	598	8,175
1892	44,094	428	1,829	5,472	2,871	5,332	3,082	6,090	463	10,917
1893	20,195	535	1,939	8,378	3,739	7,673	3,931	7,948	602	12,979
1894	25,708	428	2,016	5,401	2,885	5,754	4,078	7,527	644	10,313
1895	30,076	469	2,320	8,125	3,539	7,652	4,390	6,679	406	13,253
1896	23,809	548	2,040	8,492	3,848	5,777	2,955	5,085	550	10,516
1897	38,680	412	1,938	5,233	3,142	5,821	3,830	5,518	396	7,842
1898	26,689	387	1,527	6,881	2,911	6,339	4,208	7,196	623	9,406
1899	39,129	320	1,676	5,146	3,159	4,787	3,024	4,292	321	8,105
1900	43,064	333	1,783	5,168	2,768	5,046	4,023	7,010	378	9,309
1901	17,332	101	834	3,718	1,634	3,648	3,719	4,390	414	5,379
1902	31,529	114	1,125	3,886	2,449	3,024	2,837	2,931	434	5,750
1903	26,012	107	790	2,850	1,839	2,470	2,850	3,483	439	4,640
1904	16,955	122	1,059	3,878	2,260	3,253	3,272	3,487	420	5,485
1905	23,248	129	919	3,141	1,981	3,118	3,056	3,522	300	5,489
1906	24,780	96	809	2,859	2,101	3,170	3,538	3,362	394	4,430
1907	16,380	120	825	2,862	1,834	2,995	3,900	5,010	411	3,379
1908	21,868	119	765	3,820	1,805	3,300	4,020	5,160	435	2,803
1909	22,924	98	1,161	2,884	1,729	2,783	5,745	6,199	606	2,408
1910	55,778	135	1,410	4,356	2,772	4,022	7,056	7,353	680	4,375
1911	30,000	120	1,242	3,880	2,420	3,614	7,038	8,686	580	3,128
1912	55,040	122	1,350	3,885	3,108	3,794	6,966	7,571	740	4,035
1913	34,320	122	1,260	4,192	2,760	4,485	8,460	9,240	900	3,168
1914	58,960	108	1,161	2,960	2,100	4,375	7,500	9,009	900	3,675
1915	39,750	134	1,530	5,625	3,480	8,050	9,975	17,648	1,220	6,509
1916	36,425	120	1,367	5,875	3,220	6,825	9,000	16,770	900	6,300
1917	70,804	128	1,457	5,512	3,375	4,400	6,000	8,800	770	8,060
1918	51,238	175	1,980	5,175	4,320	5,100	11,000	11,000	1,080	9,600
1919	43,667	138	1,372	3,520	3,780	2,839	6,854	6,200	600	6,309
1920	65,299	231	1,625	3,241	5,400	3,388	7,368	7,224	697	6,580
1921	38,827	168	1,620	3,342	4,620	3,060	8,112	8,652	533	5,567
1922	27,639	161	1,740	3,320	4,600	4,020	9,744	8,532	481	4,282
1923	34,922	182	1,758	3,586	4,704	6,600	10,728	9,378	396	4,725
1924	34,225	120	1,632	4,230	3,600	4,644	7,020	4,262	148	5,452
1925	39,376	100	1,760	4,128	5,076	4,902	7,182	7,021	182	5,187
1926	35,122	112	1,708	4,836	5,796	6,820	10,483	10,925	200	6,346
1927	30,574	116	1,708	3,999	5,251	5,733	10,327	9,282	121	4,085
1928	37,729	120	1,701	4,641	5,712	4,202	7,751	5,300	191	7,930

TABLE 4.—Oats: Estimated production, by States, 1866-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Tennes-see	Ala-bama	Missis-sippi	Arkan-sas	Louis-i-ana	Okla-homa ²	Texas	Mon-tana	Idaho	Wyo-ming
1866	2,071	498	102	309	89		1,085			
1867	2,044	597	90	392	60		813			
1868	2,881	567	110	439	57		861			
1869	3,500	567	200	550	87		1,250			
1870	3,920	700	300	671	87		1,500			
1871	4,116	672	465	657	39		675			
1872	5,103	651	460	702	40		783			
1873	5,613	813	492	786	35		1,017			
1874	3,816	626	639	573	28		1,118			
1875	4,820	840	800	940	32		1,610			
1876	5,400	1,800	780	925			3,650			
1877	6,100	1,750	860	1,000			4,300			
1878	5,708	2,618	930	1,065	14		5,531			
1879	4,086	2,676	662	1,003	14		3,063			
1880	5,849	2,928	3,021	2,749	405		6,937			
1881	6,726	3,073	2,185	2,337	304		8,324			
1882	6,861	4,302	3,081	3,131	528		9,989	1,100	760	47
1883	6,908	4,517	3,142	3,225	475		9,489	1,210	1,140	63
1884	7,680	5,015	3,048	3,542	404		10,527	1,740	1,012	75
1885	10,752	4,915	3,982	5,313	420		14,211	1,775	1,032	84
1886	7,920	4,718	3,368	4,740	361		11,369	1,987	1,078	86
1887	9,225	4,643	4,410	4,710	408		12,193	1,895	1,095	88
1888	11,108	4,806	4,096	5,135	465		13,595	1,780	1,057	93
1889	8,179	3,970	3,656	4,848	395		14,808	2,578	1,000	
1890	6,486	3,804	4,778	3,967	567		11,059	2,797	1,093	
1891	5,960	5,188	3,747	4,945	634		15,975	3,648	1,326	
1892	7,469	3,721	1,654	4,988	421		15,177	1,910	714	438
1893	9,769	5,336	2,250	6,009	547		14,771	2,278	734	400
1894	6,511	4,910	1,849	5,990	785		20,013	2,698	1,067	507
1895	10,235	5,210	2,077	8,307	576		14,569	2,446	1,102	581
1896	7,205	4,455	1,599	5,075	345		12,669	3,051	1,302	417
1897	3,843	3,930	1,671	5,285	605		16,311	2,590	1,047	479
1898	6,755	5,383	2,406	7,230	602		21,122	2,478	1,282	414
1899	5,320	3,012	1,366	5,964	553		17,068	2,318	1,100	442
1900	5,810	4,381	2,390	7,039	614		28,278	2,569	1,350	630
1901	3,501	3,182	1,840	3,136	426	8,088	13,663	6,189	3,014	1,374
1902	3,219	2,320	1,808	5,048	531	19,284	20,807	6,669	3,413	1,302
1903	3,133	3,397	1,656	4,225	511	14,563	32,476	7,532	3,667	1,117
1904	3,287	2,947	1,950	4,706	579	12,982	28,688	6,304	3,046	1,262
1905	3,052	3,160	1,672	3,903	443	16,974	28,713	7,380	3,864	1,817
1906	3,151	3,168	1,627	3,784	486	19,487	31,823	8,502	4,390	1,979
1907	3,058	3,850	1,611	3,412	406	6,270	9,500	11,760	5,706	2,220
1908	3,075	4,230	2,188	3,702	600	11,250	21,675	10,566	5,588	2,839
1909	4,721	3,251	1,269	3,213	420	16,606	7,035	13,806	11,328	3,361
1910	7,866	5,236	2,304	5,692	774	25,514	24,080	14,820	12,282	5,152
1911	6,142	5,434	2,392	4,100	840	8,181	18,499	21,165	14,564	6,655
1912	5,599	5,200	1,966	3,482	707	23,494	31,140	22,848	17,017	8,569
1913	6,300	6,662	2,800	6,360	990	18,540	32,500	21,750	15,112	8,360
1914	8,050	8,580	3,680	6,240	1,610	30,250	22,500	18,550	14,608	7,875
1915	8,746	11,400	6,450	10,125	3,000	36,450	53,250	31,200	15,745	9,534
1916	5,460	10,500	6,300	7,350	2,090	14,500	42,750	25,080	13,330	8,750
1917	7,250	7,560	5,700	9,520	1,873	26,450	37,050	13,600	9,500	9,468
1918	8,125	8,132	6,440	9,945	2,000	31,200	22,197	20,400	9,480	11,685
1919	4,070	3,990	2,400	6,160	1,100	50,336	78,246	3,474	5,550	1,200
1920	4,950	4,428	2,176	7,250	1,150	54,350	32,780	11,726	7,030	4,370
1921	5,330	6,776	2,940	6,600	1,265	35,300	33,570	14,832	7,740	4,500
1922	4,122	5,540	2,375	6,600	1,249	30,000	33,465	21,120	6,156	4,898
1923	4,305	4,709	2,280	5,750	1,232	24,000	43,840	22,209	7,820	5,610
1924	3,717	1,875	1,200	4,950	500	30,000	49,470	16,225	5,580	3,750
1925	4,862	2,227	1,615	4,176	630	26,220	13,419	13,612	8,330	4,690
1926	6,900	2,354	902	5,346	798	37,520	83,666	16,606	4,760	4,200
1927	3,043	1,768	912	4,140	612	21,128	42,063	23,840	6,721	4,320
1928	4,042	1,225	820	3,410	1,078	23,140	35,751	20,221	6,439	3,828

² Indian Territory included, 1901-1906.

TABLE 4.—Oats: Estimated production, by States, 1866-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	The Territories
1866									
1867									
1868									2,500
1869									
1870					(¹)		500	1,900	1,800
1871					59		1,807	1,581	1,031
1872					67		1,773	1,517	1,237
1873					73		1,790	2,250	1,385
1874					75		2,416	2,182	1,425
1875					80		2,391	2,355	1,500
1876					85		2,450	2,100	1,800
1877					90		2,750	2,450	2,150
1878	(²)				(²)		3,000	1,750	2,250
1879	(²)				(²)		2,790	4,350	2,251
1880	048				(²)		2,916	5,072	1,815
1881	771				148		4,755	1,447	6,450
1882	780				190		5,278	1,548	7,224
1883	1,209	185		520	221	2,120	4,433	1,548	
1884	1,510	252	6	546	212	2,480	4,212	1,827	
1885	1,098	282		650	251	2,623	5,470	2,140	
1886	1,591	528		845	271	3,095	5,798	2,106	
1887	1,599	362		858	250	3,120	5,102	2,317	
1888	1,604	392		786	196	3,369	5,547	2,196	
1889	3,129	340		086	200	3,314	5,441	1,866	
1890	2,498	392		910		3,082	5,432	1,809	
1891	3,570	359		1,059		3,497	6,658	1,943	
1892	2,836	225		1,288		6,744	7,341	2,410	
1893	2,797	327		735		3,184	6,484	1,987	
1894	1,258	345		790		3,444	6,625	1,505	
1895	3,389	394		878		3,198	6,455	2,050	
1896	2,601	221		026		3,672	7,241	1,600	
1897	2,969	259		958		3,018	3,854	1,827	
1898	3,063	271		838		3,822	5,756	1,029	
1899	2,449	178		970		3,270	4,954	1,943	
1900	3,272	230		872		3,032	5,119	1,844	
1901	4,571	529	62	918		3,016	3,283	1,478	
1902	3,060	301	57	1,409	238	7,034	8,971	4,887	
1903	4,593	345	64	1,596	208	7,115	8,092	5,149	
1904	4,834	195	30	1,653	177	7,598	9,721	5,767	
1905	4,828	351	27	1,691	232	7,407	6,511	5,698	
1906	5,962	425	31	1,754	233	8,227	6,792	4,725	
1907	5,800	462	116	2,054	253	7,464	9,622	5,156	
1908	7,031	804	144	2,025	301	10,545	9,765	4,556	
1909	7,643	721	189	2,624	315	8,633	9,519	6,700	
1910	11,104	1,151	200	3,221	335	13,228	10,881	4,144	
1911	10,150	1,862	252	3,13	313	11,770	12,248	7,400	
1912	12,412	1,839	268	3,889	360	14,528	12,457	7,140	
1913	10,675	1,500	301	4,222	400	13,689	13,714	7,800	
1914	13,000	1,976	330	4,140	473	14,250	15,228	6,636	
1915	11,700	2,160	333	4,750	676	13,959	12,740	7,700	
1916	9,570	1,856	338	4,700	685	13,750	16,060	6,063	
1917	11,134	1,350	400	4,480	602	14,300	17,280	6,500	
1918	7,530	1,288	440	4,400	500	11,242	9,125	6,860	
1919	4,559	1,507	455	4,050	632	8,370	9,025	5,000	
1920	6,426	1,671	351	1,730	76	8,400	8,889	4,263	
1921	6,727	1,690	630	2,603	112	9,786	10,950	6,650	
1922	4,625	827	620	2,876	113	10,500	8,704	3,780	
1923	7,232	1,160	570	3,354	74	7,918	6,675	5,250	
1924	5,800	1,120	280	3,062	106	11,970	10,530	5,265	
1925	5,778	720	360	1,804	60	6,738	7,840	1,565	
1926	4,680	1,512	525	2,820	80	11,176	10,560	5,240	
1927	5,481	690	612	2,160	64	9,847	8,816	5,070	
1928	5,983	720	532	2,142	80	9,150	10,540	4,190	
				2,475	80	9,447	10,944	5,313	

Compiled from records of the Division of Crop and Livestock Estimates. See general note on Table 1. The State figures shown in this table for 1879, 1880-1900 are the only State figures available for publication. The sum of these State figures over this period will not agree with the revised figures for the United States given in Table 1.

¹ Includes Pacific States.

² State of Nevada included in "The Territories," 1869.

³ States of Nevada and Colorado included in "The Territories," 1877-1879.

TABLE 5.—Oats: Production by States, census years, 1839-1924

[In thousands of bushels—i. e., 000 omitted]

State	1839	1840	1850	1860	1870	1880	1890	1900	1919	1924
Maine	1,070	2,181	2,980	2,351	2,260	3,600	3,700	4,232	3,601	3,938
New Hampshire	1,200	973	1,329	1,146	1,018	892	497	386	485	161
Vermont	2,223	2,308	3,630	3,002	3,742	3,310	2,742	2,141	2,396	1,750
Massachusetts	1,320	1,105	1,180	798	645	389	241	268	288	83
Rhode Island	171	215	245	157	169	101	47	48	35	16
Connecticut	1,453	1,259	1,622	1,115	1,010	594	316	274	295	75
New York	20,676	26,553	35,175	35,294	37,575	38,896	40,786	34,795	21,595	28,830
New Jersey	3,084	3,378	4,539	4,010	3,711	2,837	1,602	1,377	1,477	1,116
Pennsylvania	20,642	21,538	27,887	36,479	33,841	36,107	37,243	28,173	29,183	32,124
Ohio	14,303	13,473	15,409	25,347	28,664	40,137	42,051	57,591	46,818	62,010
Indiana	5,982	5,655	5,318	8,590	15,600	31,492	34,565	50,608	52,530	59,105
Illinois	4,088	10,087	15,220	42,781	63,189	137,625	180,306	150,386	129,105	150,563
Michigan	2,114	2,868	4,037	8,954	18,191	36,961	36,338	43,870	36,956	57,470
Wisconsin	406	3,415	11,059	20,180	32,905	60,739	84,041	71,349	68,296	87,378
Minnesota		31	2,176	10,678	23,382	49,959	74,054	93,898	89,108	189,072
Iowa	216	1,524	5,888	21,005	50,611	146,670	108,364	128,198	187,040	224,578
Missouri	2,235	5,278	3,681	16,578	20,671	39,820	20,545	24,829	40,494	24,333
North Dakota 1			3	114	2,217	5,773	22,125	65,887	30,294	70,021
South Dakota 1			7	3	7,470	19,413	43,566	51,062	98,500	98,500
Nebraska			75	1,478	6,556	43,844	58,007	53,360	59,820	61,004
Kansas			88	4,098	8,180	44,629	24,470	22,924	36,257	28,826
Delaware	927	605	1,047	554	378	383	132	98	71	61
Maryland	3,534	2,242	3,959	3,222	1,795	2,020	1,110	1,161	1,083	1,173
District of Columbia	10	8	30	8	7	1	1			
Virginia 2				6,858	5,333	5,695	3,269	2,884	1,950	1,097
West Virginia 2	13,451	10,179	10,187	2,414	1,908	2,947	1,834	1,729	3,055	1,400
North Carolina	3,104	4,052	2,782	3,220	3,838	4,513	2,455	2,783	1,671	933
South Carolina	1,486	2,322	937	614	2,715	3,019	2,662	5,745	3,508	1,188
Georgia	1,610	3,820	1,232	1,905	5,549	4,738	3,116	6,199	2,759	799
Florida	14	67	47	114	468	391	297	606	222	14
Kentucky	7,156	8,201	4,617	6,620	4,581	8,776	4,010	2,406	2,792	958
Tennessee	7,030	7,703	2,268	4,513	4,722	7,355	2,725	4,721	2,413	955
Alabama	1,406	2,050	682	771	3,040	3,230	1,882	3,251	1,120	162
Mississippi	609	1,503	221	415	1,960	1,362	803	1,269	760	247
Arkansas	190	650	475	529	2,220	4,181	3,909	3,213	2,704	1,166
Louisiana	107	90	89	18	230	297	316	420	489	133
Oklahoma						76	9,512	16,606	45,470	22,085
Texas		190	986	763	4,893	12,581	24,191	7,035	63,989	36,052
Montana				149	901	1,536	4,746	13,806	2,584	11,816
Idaho				100	462	587	1,957	11,328	3,069	3,479
Wyoming				(*)	23	389	763	3,361	1,007	2,447
Colorado				333	641	2,515	3,080	7,643	4,536	4,947
New Mexico		(*)	7	68	157	104	343	721	1,085	548
Arizona				(*)	1	34	43	189	378	108
Utah		11	63	60	418	598	1,436	3,221	1,724	1,619
Nevada			1	56	187	99	151	335	75	56
Washington			134	255	1,572	2,273	5,336	13,228	8,074	5,635
Oregon		61	886	2,030	4,386	5,949	6,726	10,881	8,357	7,221
California			1,043	1,757	1,341	1,463	4,972	4,144	2,967	1,438
United States.	123,071	146,584	172,643	282,107	407,850	800,251	943,389	1,007,143	1,055,183	1,304,599

Compiled from reports of the Bureau of the Census.

1 Dakota Territory prior to Nov. 2, 1889.

2 Virginia included West Virginia through 1869.

3 Includes Indian Territory.

4 Less than 500 bushels.

TABLE 6.—Oats: Percentage production in the principal producing States, average, 1921-1925

State	Average annual production 1921-1925	Average annual production as a percentage of United States total	Cumulative percentage	State	Average annual production 1921-1925	Average annual production as a percentage of United States total	Cumulative percentage
	1,000 bushels	Per cent	Per cent		1,000 bushels	Per cent	Per cent
New York	31,976	2.4	2.4	North Dakota	67,004	5.1	71.3
Pennsylvania	37,141	2.8	5.2	South Dakota	82,450	6.3	77.5
Ohio	55,259	4.2	9.4	Nebraska	69,986	5.3	82.8
Indiana	51,089	3.9	13.3	Kansas	34,998	2.7	85.5
Illinois	139,045	10.5	23.9	Oklahoma	29,104	2.2	87.7
Michigan	47,688	3.6	27.5	Texas	34,753	2.6	90.4
Wisconsin	97,506	7.4	34.9	Montana	17,600	1.3	91.7
Minnesota	159,041	12.1	46.9	Washington	9,660	.7	92.4
Iowa	216,311	16.4	63.4	Oregon	8,862	.7	93.1
Missouri	37,482	2.8	66.2				

TABLE 7.—Oats: Percentage reduction from full yield per acre, from stated causes, 1909-1925

Year	Adverse weather conditions									Plant diseases	Insect pests	Animal pests	Defective seed	Other and unknown causes	Total
	Deficient moisture	Excessive moisture	Floods	Frost or freeze ¹	Hail	Hot winds	Storms	Other climatic	Total climatic						
1909	7.9	5.2	0.6	0.8	1.1	0.9	0.8	0.4	17.7	2.4	0.5	0.1	0.4	1.1	22.2
1910	17.0	.8	.2	.7	.4	1.7	.3	.3	21.4	.9	.6	.2	.2	.7	24.0
1911	27.6	1.0	(?)	.5	.3	5.1	.1	.8	35.4	.8	1.5	.1	.2	1.5	39.5
1912	7.2	3.1	.3	.5	1.0	1.1	.5	.4	14.1	1.6	.7	.2	.2	.9	17.7
1913	22.7	.7	.2	.2	.6	1.8	.2	.8	27.2	.5	1.1	.1	.2	1.2	30.3
1914	15.7	2.2	.2	.3	.8	2.6	.4	.5	22.7	2.0	1.6	.1	.1	1.0	27.5
1915	1.4	8.5	.9	.4	1.0	.1	.8	.1	13.2	2.1	.3	.1	.1	.5	16.3
1916	10.1	4.0	.4	.6	.8	2.8	.5	.5	19.7	5.2	1.3	(?)	.2	.8	27.2
1917	11.8	1.2	.2	2.7	.8	1.0	.3	.2	18.2	.8	.4	(?)	.1	.4	19.8
1918	12.9	.5	.2	1.3	.9	1.8	.3	.2	18.1	1.1	.9	.1	(?)	.5	20.7
1919	11.5	5.7	.4	.4	.7	2.8	.4	.4	22.3	4.8	2.2	(?)	.1	.5	29.9
1920	6.4	2.7	.3	.5	.8	.9	.4	.1	12.1	2.3	1.4	.1	.1	.3	16.3
1921	18.3	2.3	.2	2.7	.8	5.9	.6	.2	31.0	5.2	2.1	.1	.1	.5	38.9
1922	14.6	3.8	.3	.5	1.1	1.4	.3	-----	22.0	3.2	1.8	.1	.1	.4	27.6
1923	10.1	2.7	.2	1.5	.9	1.5	.5	-----	17.4	3.0	1.0	.1	.1	.3	21.9
1924	5.5	3.5	.5	1.2	1.2	.3	.6	.1	12.9	1.4	.6	.1	.1	.2	15.3
1925	15.2	1.2	.1	1.3	1.0	1.0	.2	-----	20.0	1.2	.4	-----	.1	.2	21.9

Compiled from the reports of the Division of Crop and Livestock Estimates.

¹ Includes winterkill of fall-sown oats in Southern States.

² Less than 0.05 per cent.

TABLE 8.—Oats: Total farm value based on December 1 price, by States, 1866-1928

[In thousands of dollars—i. e., 000 omitted]

Year	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio
1866	1,273	700	2,123	676	78	1,354	22,919	2,757	19,108	6,172
1867	1,186	882	2,485	865	93	1,752	20,688	3,466	28,319	9,011
1868	1,136	697	2,263	844	115	1,650	13,765	2,756	26,242	9,013
1869	1,724	900	2,681	882	141	1,215	13,867	2,909	17,876	9,842
1870	1,262	632	1,679	499	83	506	15,435	1,963	14,774	8,357
1871	899	652	1,480	475	84	560	14,956	1,799	13,900	7,866
1872	771	589	1,492	387	72	574	12,200	1,308	12,014	7,061
1873	697	508	1,615	361	84	528	10,908	1,235	12,365	7,441
1874	1,001	605	2,133	454	93	658	15,575	1,777	13,623	7,651
1875	1,172	584	1,988	404	73	580	14,002	1,611	11,617	7,454
1876	1,056	549	1,738	220	49	462	15,408	1,698	10,635	6,062
1877	1,056	648	1,982	288	62	700	16,342	1,736	13,198	7,783
1878	1,011	472	1,289	169	32	505	13,047	1,512	10,180	7,212
1879	1,328	588	1,527	254	32	418	15,971	2,086	11,711	7,715
1880	966	428	1,433	380	89	650	17,602	1,445	13,217	8,677
1881	1,232	536	1,672	457	110	581	18,317	1,985	18,518	11,004
1882	977	506	1,723	415	90	545	18,031	1,790	15,624	8,464
1883	1,199	486	1,561	355	86	528	16,829	1,706	15,277	10,346
1884	1,044	447	1,450	323	76	467	14,401	1,012	12,259	6,792
1885	1,049	459	1,408	324	74	458	13,923	1,316	12,357	10,117
1886	1,080	443	1,422	325	81	472	14,078	1,344	12,838	8,918
1887	1,127	415	1,094	302	71	457	12,287	1,160	11,872	9,631
1888	1,142	454	1,450	317	77	454	15,011	1,328	11,985	9,469
1889	1,023	363	1,197	245	65	373	11,523	1,159	10,351	8,422
1890	1,623	483	1,396	329	83	414	11,956	1,224	10,546	8,402
1891	1,551	505	1,655	361	106	516	15,920	1,653	12,470	9,413
1892	1,804	422	1,627	221	60	279	15,104	1,257	11,866	9,227
1893	2,013	423	1,662	220	50	237	9,063	918	10,710	8,171
1894	1,889	439	1,897	214	53	261	11,825	1,172	9,966	9,034
1895	1,887	383	1,683	187	48	230	12,787	1,107	9,865	6,909
1896	1,820	406	1,462	192	35	199	12,978	1,014	8,061	5,534
1897	1,325	402	1,119	161	40	207	12,407	767	8,597	5,981
1898	1,716	383	1,438	179	36	202	12,005	506	8,130	6,654
1899	1,884	409	1,465	186	35	194	14,983	754	11,353	8,327
1900	1,998	378	1,339	209	43	203	14,252	872	11,400	10,489
1901	2,018	189	1,258	116	26	159	13,464	543	10,600	13,735
1902	2,044	184	1,338	94	27	144	19,074	852	15,312	14,851
1903	2,132	180	1,333	106	21	144	18,280	697	12,796	11,071
1904	1,877	190	1,336	102	19	149	16,142	821	15,110	15,915
1905	1,868	172	1,238	88	20	146	15,921	740	14,213	11,778
1906	1,777	187	1,231	94	21	143	16,094	632	12,090	15,965
1907	2,560	258	1,671	147	39	189	21,139	991	16,032	16,416
1908	2,428	235	1,652	143	40	208	21,070	1,013	15,060	18,887
1909	2,455	247	1,570	155	25	145	17,050	688	14,086	23,612
1910	2,646	240	1,577	142	34	178	19,127	1,175	16,510	23,045
1911	2,807	248	1,569	162	34	216	19,709	1,012	15,862	24,556
1912	2,347	225	1,689	128	26	166	15,420	814	14,915	30,782
1913	3,080	235	1,602	170	26	169	20,075	954	16,456	21,744
1914	3,295	264	1,847	186	32	175	20,483	1,049	16,417	22,646
1915	3,150	46	1,846	220	33	232	24,422	1,092	10,061	24,841
1916	3,859	300	1,664	232	37	352	19,441	1,263	19,967	25,480
1917	2,958	543	2,509	210	46	469	31,500	1,785	29,382	49,984
1918	6,084	992	4,059	437	76	650	43,394	2,496	37,752	52,360
1919	3,660	505	2,203	267	28	285	21,334	1,704	20,165	34,500
1920	4,228	526	2,126	245	22	248	27,317	1,728	31,145	34,034
1921	2,387	378	1,577	165	17	198	11,700	778	15,877	11,764
1922	2,143	410	1,714	214	19	200	16,203	1,228	19,094	17,885
1923	2,590	432	1,654	198	19	180	18,011	898	17,644	23,536
1924	3,088	313	2,071	190	45	264	20,981	922	22,454	34,112
1925	3,341	300	1,982	222	43	262	19,038	810	20,652	32,370
1926	3,256	286	1,870	214	67	317	17,289	825	17,420	29,344
1927	3,120	300	2,104	190	48	331	19,250	935	21,384	27,360
1928	2,940	254	1,889	157	39	284	18,176	795	18,379	37,498

28 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 8.—Oats: Total farm value based on December 1 price, by States, 1866-1928—Continued

[In thousands of dollars—i. e., 000 omitted]

Year	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri	North Dakota ¹	South Dakota	Nebraska
1866	2,473	6,897	2,711	6,449	-----	3,419	1,056	-----	-----	144
1867	3,922	11,288	3,919	8,710	3,172	4,889	1,614	-----	-----	190
1868	3,862	9,425	2,813	6,837	2,504	4,062	1,449	-----	-----	219
1869	4,328	10,474	3,378	7,132	4,160	5,269	2,000	-----	-----	337
1870	3,600	11,060	3,442	5,016	2,734	4,400	1,835	-----	-----	320
1871	3,497	9,696	3,552	4,900	2,410	3,765	3,720	-----	-----	276
1872	2,896	7,257	2,621	4,600	2,178	2,825	3,433	-----	-----	236
1873	3,359	9,117	2,779	5,731	3,961	5,253	4,329	-----	-----	476
1874	4,613	12,913	3,803	5,946	4,418	6,733	5,045	-----	-----	575
1875	5,179	18,300	4,311	7,053	3,627	5,859	4,826	-----	-----	839
1876	3,771	11,439	4,743	5,967	4,070	4,480	3,134	-----	-----	738
1877	3,210	12,669	4,728	6,880	4,445	8,171	4,188	-----	-----	788
1878	3,291	10,113	3,745	6,692	4,672	4,973	3,618	-----	-----	1,091
1879	3,928	12,871	4,440	10,399	3,941	8,569	4,012	-----	-----	1,417
1880	5,185	18,254	5,745	12,049	6,110	11,482	7,341	-----	-----	1,374
1881	6,599	28,420	8,306	12,482	10,217	14,428	10,252	-----	-----	2,581
1882	6,599	31,725	6,748	10,984	8,985	14,733	9,624	1,308	-----	2,364
1883	6,817	27,751	7,021	12,556	8,805	17,785	7,594	2,520	-----	4,326
1884	5,870	22,575	5,797	11,026	7,220	15,730	7,693	2,717	-----	4,150
1885	6,795	25,912	6,101	12,422	9,386	16,438	7,361	3,043	-----	4,565
1886	8,586	26,949	6,297	11,104	10,184	18,044	7,644	6,195	-----	4,184
1887	8,103	29,394	7,246	9,759	10,665	17,852	10,346	9,316	-----	5,327
1888	7,416	31,602	8,000	11,975	11,320	13,418	8,378	8,897	-----	4,974
1889	5,737	27,619	7,617	10,012	10,620	15,914	6,549	6,288	-----	4,494
1890	7,298	29,037	11,014	16,568	14,209	27,131	9,686	7,951*	-----	8,748
1891	6,731	31,107	9,689	13,817	14,044	26,670	7,995	4,328	-----	11,178
1892	9,919	24,270	9,733	14,666	12,200	24,910	7,228	3,503	4,249	9,920
1893	8,986	22,637	7,417	12,604	10,809	21,959	7,259	3,011	4,115	5,278
1894	10,743	31,625	8,306	17,361	15,258	27,036	7,378	4,093	2,098	7,109
1895	5,179	12,530	5,351	11,344	10,919	25,615	5,499	3,051	3,123	5,588
1896	5,509	12,687	5,715	11,094	8,515	12,677	3,875	2,023	2,457	3,750
1897	6,404	16,704	5,276	11,804	7,818	16,595	4,195	2,903	3,916	11,249
1898	7,346	20,310	7,501	15,514	11,823	29,623	3,649	3,962	3,387	11,324
1899	7,889	28,001	8,568	15,598	11,591	24,127	4,872	4,857	3,526	9,007
1900	10,319	30,738	8,759	14,253	10,058	26,114	5,680	2,016	3,037	14,454
1901	15,061	45,013	11,785	25,992	22,350	44,030	4,385	7,780	6,049	15,530
1902	13,598	42,966	13,312	28,511	22,210	31,185	7,789	7,948	6,980	16,045
1903	9,426	31,528	10,657	27,094	20,643	24,399	5,509	6,772	7,908	14,477
1904	12,708	35,203	10,618	24,286	22,146	30,591	6,530	7,442	6,956	14,034
1905	12,807	37,178	10,785	26,617	19,361	31,468	5,905	10,717	6,494	18,792
1906	16,063	33,407	14,437	28,405	19,443	38,010	4,846	10,931	11,603	22,902
1907	15,407	41,687	14,056	24,209	25,414	41,382	5,844	12,936	12,764	22,902
1908	16,650	44,321	20,505	34,350	25,372	46,386	6,080	13,750	12,872	18,676
1909	10,737	57,147	17,987	27,826	32,864	44,869	10,676	21,743	14,812	19,851
1910	18,436	49,305	18,028	22,797	27,341	52,051	12,002	5,607	10,695	14,942
1911	20,239	51,045	19,734	30,172	26,886	61,762	7,992	21,004	4,900	16,653
1912	23,940	54,818	17,103	27,119	31,962	58,811	12,994	20,948	13,098	22,058
1913	13,824	39,568	17,550	30,724	36,046	57,242	11,925	17,348	14,326	27,840
1914	19,302	56,430	22,838	26,703	34,048	67,650	11,352	24,014	16,783	21,824
1915	22,277	68,402	22,496	35,154	44,376	63,360	12,103	26,400	20,286	37,541
1916	26,775	87,768	22,626	41,514	41,413	90,576	17,092	23,650	25,956	39,522
1917	53,502	155,480	35,712	65,340	75,768	160,249	36,112	23,948	44,342	70,421
1918	56,984	132,896	45,761	74,246	84,774	156,522	30,937	36,912	47,170	45,475
1919	38,640	90,111	26,891	54,896	63,186	123,254	32,723	24,893	35,894	30,725
1920	35,362	73,613	28,227	52,880	49,977	82,752	28,665	21,151	24,897	14,711
1921	13,308	36,305	10,116	21,106	22,880	37,913	12,888	10,246	11,660	10,076
1922	12,650	42,904	20,882	39,608	45,679	76,274	8,448	20,489	23,508	27,566
1923	18,990	52,689	21,025	39,631	52,836	77,337	15,525	15,379	24,284	26,670
1924	33,300	80,175	28,178	49,728	84,814	108,200	20,782	32,020	41,943	26,623
1925	22,150	55,226	20,723	47,973	62,105	78,036	21,999	17,161	26,980	21,099
1926	21,525	43,231	20,724	38,655	43,915	68,553	18,253	11,355	8,357	27,925
1927	20,941	43,948	20,002	43,826	46,632	80,653	12,504	15,991	26,897	26,996
1928	33,267	66,248	25,138	46,669	53,668	85,527	20,063	17,986	19,540	-----

¹ Dakota Territory prior to Nov. 2, 1889. Not separately reported in 1890.

TABLE 8.—Oats: Total farm value based on December 1 price, by States, 1866–1928—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Kansas	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky
1866	65	887	2,690	3,206	-----	1,455	506	685	16	1,884
1867	83	1,418	3,712	3,241	548	1,595	423	794	13	2,097
1868	165	641	2,903	3,484	666	1,683	398	665	10	2,109
1869	440	614	2,869	3,430	766	1,803	640	903	25	2,206
1870	1,324	224	1,386	2,795	953	1,407	698	939	105	2,208
1871	1,094	147	1,106	2,371	945	1,246	420	1,088	105	2,289
1872	1,186	118	708	1,666	788	2,027	350	1,334	86	2,037
1873	1,982	168	1,134	2,187	966	1,622	483	3,315	102	2,333
1874	3,760	186	1,207	2,234	805	1,835	587	3,618	107	2,129
1875	1,994	161	1,170	2,350	769	1,643	643	3,181	113	2,486
1876	2,498	117	1,387	2,805	898	1,747	827	3,553	120	2,260
1877	2,136	141	1,416	2,646	995	1,781	675	3,351	129	2,596
1878	2,718	124	961	2,690	917	1,909	578	3,927	122	2,213
1879	3,124	129	1,456	2,234	900	1,922	898	3,846	150	1,687
1880	2,746	119	866	2,368	790	2,813	2,619	4,039	414	2,600
1881	3,502	142	875	2,295	986	2,530	3,005	4,842	361	3,071
1882	3,834	185	730	2,565	850	2,742	2,215	3,980	382	2,876
1883	5,788	207	789	2,050	808	2,622	2,233	3,930	399	2,563
1884	6,032	169	693	2,696	863	2,126	1,772	3,574	296	2,753
1885	6,243	190	866	3,552	991	2,242	1,890	3,389	348	3,374
1886	6,379	172	815	2,916	841	2,824	2,133	3,181	308	3,270
1887	11,612	151	805	3,883	886	3,742	2,718	4,086	457	3,008
1888	9,384	157	758	2,919	898	2,796	2,075	3,771	365	2,790
1889	5,629	122	661	3,116	781	3,054	1,982	3,437	295	2,553
1890	11,882	134	597	2,904	678	3,161	2,501	3,273	349	1,779
1891	10,026	191	808	2,713	954	2,611	2,492	4,343	371	3,025
1892	11,465	162	695	2,134	1,177	2,400	1,915	3,167	255	4,039
1893	7,883	203	679	2,932	1,421	3,376	2,083	4,133	321	4,413
1894	7,969	150	786	1,998	1,125	2,532	2,161	3,839	393	3,713
1895	5,113	136	626	2,438	1,133	2,908	2,151	3,072	264	3,446
1896	3,809	115	469	2,208	1,077	2,022	1,418	2,085	291	2,524
1897	6,062	96	504	1,518	943	2,154	1,724	2,317	210	2,117
1898	5,872	116	443	1,095	873	2,345	1,894	3,454	336	2,556
1899	8,609	80	503	1,698	1,166	1,963	1,421	2,060	160	2,622
1900	9,905	100	553	1,912	941	2,271	1,931	3,435	189	2,886
1901	7,453	45	342	1,562	702	1,861	2,306	2,942	298	2,205
1902	9,459	48	427	1,632	1,004	1,542	1,674	1,553	265	2,073
1903	7,804	43	316	1,226	846	1,285	1,681	1,916	263	1,903
1904	5,595	60	381	1,668	994	1,691	1,963	1,918	252	2,194
1905	6,500	51	331	1,225	772	1,466	1,681	1,867	187	1,921
1906	7,682	36	307	1,229	840	1,553	2,017	1,883	268	1,684
1907	6,879	60	404	1,431	990	1,797	2,808	3,607	308	1,656
1908	9,841	64	405	2,101	1,011	2,079	3,015	3,715	313	1,514
1909	9,857	67	569	1,557	934	1,837	4,136	4,401	454	1,227
1910	18,965	58	649	2,134	1,286	2,413	4,586	4,706	442	1,969
1911	13,500	56	809	2,095	1,355	2,277	5,067	6,080	435	1,564
1912	19,204	65	608	2,020	1,461	2,352	4,598	4,921	518	1,775
1913	15,444	62	605	2,180	1,408	2,736	6,007	6,283	630	1,647
1914	24,763	54	604	1,717	1,155	2,844	5,325	6,300	630	1,948
1915	14,708	68	760	3,094	1,775	4,991	6,683	11,648	854	3,120
1916	20,034	74	828	3,701	2,061	5,050	7,200	13,248	639	3,780
1917	45,315	100	1,093	4,630	2,666	4,092	6,000	10,296	755	6,126
1918	37,404	152	1,703	5,175	3,031	5,508	12,980	13,090	1,242	8,640
1919	31,877	124	1,125	3,520	3,440	3,009	7,530	7,130	720	5,733
1920	25,467	162	1,138	2,625	4,260	3,252	7,589	7,802	418	4,803
1921	10,483	77	729	1,872	2,402	2,142	5,922	5,537	346	2,672
1922	11,332	92	887	1,959	2,668	3,095	7,405	6,399	370	2,398
1923	15,016	109	949	2,259	2,904	4,884	8,707	7,971	317	2,646
1924	16,080	79	1,044	3,046	2,628	3,901	6,809	4,049	133	3,653
1925	17,325	65	933	2,890	3,147	3,726	6,464	6,108	164	3,060
1926	15,454	66	853	3,047	3,420	4,706	7,024	7,538	130	3,363
1927	13,758	79	922	2,559	3,409	4,128	7,745	6,962	97	2,451
1928	15,846	72	953	2,970	3,599	3,278	6,821	4,505	168	4,520

30 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 8.—Oats: Total farm value based on December 1 price, by States, 1866-1928—Continued

[In thousands of acres—1. e., 000 omitted]

Year	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma ¹	Texas	Montana	Idaho	Wyoming
1866	1,054	304	77	202	---	---	640	---	---	---
1867	1,174	372	69	233	70	---	460	---	---	---
1868	1,350	371	83	261	68	---	577	---	---	---
1869	1,664	409	155	327	79	---	693	---	---	---
1870	1,619	406	242	373	59	---	1,347	---	---	---
1871	1,703	526	402	431	39	---	631	---	---	---
1872	1,898	473	432	398	47	---	562	---	---	---
1873	2,119	584	390	507	27	---	708	---	---	---
1874	1,061	514	588	387	27	---	847	---	---	---
1875	1,801	615	621	476	30	---	1,011	---	---	---
1876	1,930	1,105	493	424	---	---	1,940	---	---	---
1877	2,374	1,004	586	654	---	---	1,924	---	---	---
1878	1,880	1,411	631	748	8	---	2,319	---	---	---
1879	1,745	1,739	404	738	9	---	2,457	---	---	---
1880	2,339	2,136	1,094	1,457	235	---	3,191	---	---	---
1881	3,767	2,735	1,857	1,659	324	---	5,078	---	---	---
1882	2,813	2,581	1,756	1,597	317	---	5,394	825	576	24
1883	2,659	2,575	1,885	1,613	309	---	4,840	702	650	38
1884	3,226	2,758	1,737	1,594	234	---	4,421	609	435	30
1885	3,656	2,654	2,179	2,391	197	---	5,258	746	413	37
1886	2,534	2,925	2,122	1,995	188	---	5,685	1,093	593	47
1887	3,995	2,693	2,514	1,884	264	---	4,511	840	493	40
1888	3,509	2,307	2,048	2,157	223	---	4,350	605	335	33
1889	2,454	1,906	1,718	1,745	174	---	4,887	1,134	450	---
1890	2,919	3,016	2,867	2,102	346	---	6,083	1,650	634	---
1891	2,384	3,113	2,173	2,077	330	---	7,508	1,751	663	---
1892	2,837	1,898	777	1,995	211	---	5,767	764	264	166
1893	3,028	2,721	1,057	2,343	241	---	6,204	843	301	160
1894	2,279	2,504	869	2,396	369	---	7,805	833	341	243
1895	2,763	2,188	810	2,658	207	---	3,788	1,076	320	227
1896	1,873	1,827	704	1,573	118	---	4,307	946	391	221
1897	1,076	1,690	735	1,744	253	---	4,404	855	335	168
1898	1,891	2,207	1,011	2,097	252	---	5,014	867	462	166
1899	1,704	1,295	683	2,028	221	---	5,120	904	418	177
1900	2,034	1,928	1,099	2,464	246	---	8,483	1,070	549	266
1901	1,676	2,036	1,159	1,788	255	3,879	8,198	2,228	1,326	659
1902	1,352	1,276	922	2,070	266	6,738	10,196	2,401	1,638	651
1903	1,316	1,834	844	1,859	235	5,016	14,289	2,636	1,650	558
1904	1,216	1,591	1,014	2,062	261	4,813	12,623	2,900	1,823	492
1905	1,190	1,614	836	1,639	199	5,213	11,485	3,177	1,623	745
1906	1,292	1,616	797	1,589	219	5,764	13,047	3,741	1,888	792
1907	1,529	2,579	1,047	1,843	223	3,009	5,700	5,410	2,397	1,177
1908	1,948	2,792	1,466	1,962	384	5,062	11,271	5,177	2,626	1,420
1909	2,502	2,276	863	1,896	260	7,639	4,362	5,798	5,604	1,681
1910	3,618	3,142	1,267	2,618	379	9,440	11,318	6,817	5,158	2,576
1911	3,071	3,586	1,555	2,173	546	8,927	9,989	8,466	5,826	3,278
1912	2,632	3,224	1,180	1,741	361	7,988	13,390	7,997	5,956	3,171
1913	3,339	4,597	1,764	3,371	564	8,343	16,576	6,900	4,836	3,344
1914	4,266	5,920	2,392	3,307	1,014	12,402	10,800	7,234	5,551	3,780
1915	4,373	7,182	3,870	5,265	1,650	12,758	22,365	9,984	5,353	4,100
1916	3,385	7,875	4,662	4,998	1,421	8,295	26,078	11,788	7,198	5,250
1917	6,018	7,711	5,358	7,140	1,761	19,838	30,381	11,016	7,315	7,574
1918	7,556	8,701	6,891	8,752	1,980	26,208	20,421	16,320	8,911	9,348
1919	3,785	4,196	2,520	5,421	1,100	35,235	50,077	3,161	5,439	1,344
1920	3,861	3,897	1,893	5,655	943	23,958	21,035	5,980	4,780	2,709
1921	2,568	4,404	1,882	2,970	886	9,531	13,062	5,043	2,477	1,710
1922	2,185	4,155	1,568	3,762	862	13,500	18,406	7,814	2,832	1,959
1923	2,583	3,767	1,733	3,585	838	12,480	24,989	8,439	3,441	2,637
1924	2,565	1,631	1,020	3,198	415	15,900	29,187	7,626	3,236	2,175
1925	3,112	1,737	1,260	2,422	604	13,372	8,454	7,214	3,582	2,137
1926	3,795	1,601	595	2,780	511	13,882	31,793	8,833	2,142	1,890
1927	1,826	1,238	638	2,401	404	9,296	19,770	10,490	3,360	1,814
1928	2,425	919	615	2,012	701	10,876	18,233	8,291	3,091	1,723

¹ Indian Territory included, 1901-1906.

TABLE 8.—Oats: Total farm value based on December 1 price, by States, 1866-1928—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	The Territories
1866									1, 250
1867									1, 330
1868									1, 240
1869					(¹)		275		1, 800
1870					49		850		804
1871					67		1, 365		1, 002
1872					73		913		1, 039
1873					75		1, 015		998
1874					80		1, 004		1, 125
1875					63		1, 347		1, 278
1876					63		1, 375		1, 813
1877		(²)			(³)		1, 056		1, 350
1878		(⁴)			(⁵)		1, 395		3, 002
1879		(⁶)			(⁷)		1, 283		3, 398
1880	421				90		1, 902		941
1881	624				171		2, 270		929
1882	507	166		317	166	1, 030	2, 305		898
1883	725	120	4	311	127	1, 364	2, 232	1, 059	
1884	606	106		227	146	918	1, 641	817	
1885	781	113		304	127	1, 021	2, 145	1, 011	
1886	608	253		343	125	1, 407	2, 143	1, 020	
1887	706	167		338	98	1, 482	2, 219	1, 274	
1888	699	137		365	130	1, 100	2, 176	1, 120	
1889	1, 252	143		412		1, 325	2, 119	855	
1890	1, 249	223		582		1, 644	3, 329	1, 088	
1891	1, 360	107		541		2, 765	3, 010	1, 450	
1892	964	126		294		1, 114	2, 399	795	
1893	1, 035	167		261		1, 205	2, 451	672	
1894	579	173		200		991	1, 807	906	
1895	949	177		278		1, 028	1, 955	659	
1896	780	89		374		1, 207	1, 272	804	
1897	950	106		277		1, 338	2, 014	504	
1898	1, 256	111		369		1, 308	1, 981	972	
1899	1, 029	78		349		1, 152	2, 099	867	
1900	1, 407	110		404		1, 206	1, 346	680	
1901	2, 286	318	37	764	166	2, 462	3, 050	2, 150	
1902	1, 867	205	43	750	145	3, 486	3, 318	2, 626	
1903	1, 883	214	39	810	121	2, 887	4, 277	3, 109	
1904	2, 224	111	22	795	146	3, 185	3, 060	3, 248	
1905	1, 979	204	17	772	121	3, 373	2, 921	2, 410	
1906	2, 683	221	20	924	162	3, 060	4, 137	2, 681	
1907	2, 945	254	70	972	217	4, 745	4, 394	3, 235	
1908	3, 797	515	107	1, 260	205	4, 144	4, 474	4, 480	
1909	4, 051	476	149	1, 675	198	6, 340	5, 658	2, 735	
1910	5, 108	714	180	1, 754	197	5, 650	5, 757	3, 700	
1911	4, 872	1, 061	151	1, 828	223	6, 538	5, 481	4, 213	
1912	4, 717	828	188	2, 069	208	5, 476	5, 623	4, 290	
1913	4, 697	900	150	1, 656	307	5, 700	5, 787	3, 982	
1914	5, 850	889	235	2, 042	372	5, 893	5, 733	4, 081	
1915	4, 797	1, 080	213	2, 115	322	5, 078	5, 942	3, 482	
1916	5, 742	1, 244	270	2, 733	452	7, 293	8, 467	4, 680	
1917	8, 462	1, 134	384	3, 740	538	9, 106	6, 844	5, 831	
1918	6, 024	1, 146	528	3, 928	628	8, 203	8, 664	5, 264	
1919	4, 103	1, 432	455	1, 695	76	7, 812	8, 178	4, 092	
1920	3, 856	1, 337	337	2, 082	134	7, 046	7, 118	3, 720	
1921	2, 220	811	410	1, 064	85	4, 410	3, 308	1, 928	
1922	2, 081	480	422	1, 576	56	4, 592	3, 805	3, 360	
1923	3, 327	812	456	1, 770	86	5, 985	4, 738	3, 159	
1924	3, 304	672	227	1, 263	43	3, 975	4, 782	1, 362	
1925	2, 880	461	270	1, 748	52	5, 812	5, 386	3, 196	
1926	2, 059	847	394	1, 296	40	5, 219	4, 408	2, 434	
1927	2, 631	370	428	1, 285	52	5, 124	5, 686	2, 640	
1928	2, 692	432	309	1, 386	52	5, 196	5, 581	3, 188	

Compiled from records of the Division of Crop and Livestock Estimates. Value 1866-1878 reduced to gold basis. See general note on Table 1. The State figures shown in this table for 1879, 1889-1909 are the only State figures available for publication. The sum of these State figures over this period will not agree with the revised figures for the United States given in Table 1.

¹ Includes Pacific States.

² State of Nevada included in "The Territories," 1869.

³ States of Colorado and Nevada included in "The Territories," 1877-1879.

32 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 9.—Oats: Acreage in specified countries, average 1909-1913, annual 1921-1928

[In thousands of acres—i. e., 000 omitted]

Country	Average 1909-1913 ¹	1921	1922	1923	1924	1925	1926	1927	1928 ²
NORTHERN HEMISPHERE									
NORTH AMERICA									
Canada.....	9,507	16,040	14,541	14,388	14,401	12,550	12,741	13,240	13,137
United States.....	37,357	45,495	40,790	40,981	42,110	44,872	44,177	41,941	41,733
Total.....	46,954	62,444	55,331	55,369	56,601	57,428	56,918	55,181	54,870
EUROPE									
United Kingdom:									
England and Wales.....	2,030	2,149	2,164	1,978	2,038	1,868	1,863	1,751	1,762
Scotland.....	952	1,012	988	068	956	926	940	837	878
Northern Ireland.....	350	360	355	352	333	322	320	310	307
Irish Free State.....	699	820	1,124	729	689	671	647	645	649
Norway.....	264	342	301	255	230	241	241	240	246
Sweden.....	1,961	1,751	1,798	1,775	1,909	1,903	1,827	1,814	1,807
Denmark.....	1,161	1,112	1,118	1,122	1,141	1,100	1,048	1,012	997
Netherlands.....	346	383	394	381	377	366	381	368	374
Belgium.....	668	603	717	654	654	654	668	658	667
Luxemburg.....	77	64	71	73	73	71	71	70	70
France.....	10,094	8,421	8,491	8,457	8,636	8,598	8,677	8,544	8,572
Spain.....	1,276	1,575	1,514	1,595	1,635	1,798	1,863	1,900	1,956
Portugal.....	(600)	601	626	526	556	507	499	552	652
Italy.....	1,276	1,225	1,214	1,223	1,106	1,202	1,231	1,203	1,288
Switzerland.....	81	52	51	51	50	49	51	51	51
Germany.....	9,529	7,813	7,911	8,265	8,710	8,531	8,590	8,599	8,606
Austria.....	883	664	704	802	763	760	777	769	767
Czechoslovakia.....	2,506	1,963	2,016	2,081	2,090	2,068	2,120	2,108	2,074
Hungary.....	849	885	811	802	708	717	680	643	650
Yugoslavia.....	1,358	1,003	966	928	871	848	871	936	914
Greece.....	³ 140	163	171	189	256	250	275	255	302
Bulgaria.....	408	331	366	379	376	357	320	326	295
Rumania.....	⁴ 2,119	3,062	3,295	3,324	3,056	2,928	2,665	2,680	2,759
Poland.....	0,666	4,753	5,940	6,215	6,388	6,369	6,437	6,474	5,636
Lithuania.....	961	706	812	817	994	852	1,240	766	638
Latvia.....	765	622	676	764	826	814	702	736	690
Estonia.....	394	(390)	399	378	410	371	362	360	320
Finland.....	999	1,042	1,061	1,066	1,049	1,072	1,090	1,112	1,122
Russia, European and Asiatic.....	41,256	24,114	17,854	22,039	31,589	31,414	37,673	42,953	41,853
Total Europe, excluding Russia.....	49,411	43,927	45,699	46,149	46,850	46,113	46,540	45,778	44,337
AFRICA									
Morocco.....	25	22	28	29	49	45	56	63	75
Algeria.....	449	603	563	600	622	635	621	527	607
Tunis.....	133	159	126	123	112	100	95	89	91
Total.....	607	784	717	752	793	780	772	679	773
ASIA									
Cyprus.....		17	15	14	17	15	18	16	-----
Syria and Lebanon.....			21	26	32	24	60	65	27
Japan.....	110	307	277	269	274	265	269	302	-----
Chosen.....	141	268	272	237	286	268	277	272	-----
Total Northern Hemisphere countries excluding Russia, reporting area and production all years.....	96,972	107,155	101,747	102,270	104,234	104,321	104,236	101,638	99,680
Estimated Northern Hemisphere total excluding Russia and China.....	97,700	108,000	102,600	103,100	105,100	105,200	105,100	102,500	100,000

¹ Where changes in boundary have occurred, the averages are estimates for territory within present boundaries.

² Preliminary.

³ 1 year year only.

⁴ 4-year average.

TABLE 9.—Oats: Acreage in specified countries, average 1909-1913, annual 1921-1928—Continued

[In thousands of acres—i. e., 000 omitted]

Country	Average 1909-1913	1921	1922	1923	1924	1925	1926	1927	1928
SOUTHERN HEMISPHERE									
Brazil.....		15	19	17	15	15	14	15	
Chile.....	78	70	81	101	133	139	136	138	243
Uruguay.....	66	107	87	120	138	149	102	138	156
Argentina.....	2,396	2,105	2,618	2,747	2,646	3,194	3,171	3,160	3,608
Union of South Africa.....	809	609	697	627	635	634	580	599	630
Australia.....	745	733	1,014	1,077	1,165	1,013	844	1,013	
New Zealand.....	360	171	143	64	147	102	117	86	303
Total Northern and Southern Hemisphere countries excluding Russia, reporting area and production all years.....	97,847	107,871	102,531	103,017	105,007	105,104	104,918	102,375	100,766
Estimated world total excluding Russia and China.....	102,200	111,900	107,400	108,000	110,100	110,500	110,200	107,800	106,900

Official sources and International Institute of Agriculture. Figures refer to the crop harvested during the calendar year in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

TABLE 10.—Oats: Yield per acre in specified countries, average 1909-1913, annual 1921-1929

Country	Average 1909-1913 ¹	1921	1922	1923	1924	1925	1926	1927	1928 ²
NORTHERN HEMISPHERE									
NORTH AMERICA									
Canada.....	Bushels 36.6	Bushels 25.1	Bushels 33.8	Bushels 39.2	Bushels 28.0	Bushels 32.0	Bushels 30.1	Bushels 33.2	Bushels 34.4
United States.....	30.6	23.7	29.8	31.9	35.7	33.2	28.2	28.2	3.74
Total.....	31.8	24.1	30.9	33.8	33.7	32.9	28.6	29.4	34.7
EUROPE									
United Kingdom:									
England and Wales.....	47.5	45.5	41.9	47.0	51.5	51.7	56.0	53.7	57.4
Scotland.....	46.8	46.2	47.5	46.5	51.3	54.1	55.9	48.4	56.1
Northern Ireland.....	50.5	46.2	53.7	54.8	56.3	59.5	64.0	62.3	63.0
Irish Free State.....	63.5	44.1	33.8	44.8	49.0	61.1	69.1	72.5	68.7
Norway.....	38.9	37.9	44.5	31.4	46.3	50.0	55.3	52.8	47.2
Sweden.....	45.9	42.9	42.9	40.8	37.3	44.9	47.9	43.8	48.4
Denmark.....	52.2	46.9	52.2	56.2	55.4	59.9	57.6	60.1	72.6
Netherlands.....	52.2	52.2	45.2	48.9	55.4	55.5	59.1	57.5	67.8
Belgium.....	65.8	58.4	49.9	72.0	67.6	65.0	75.9	70.1	72.5
Luxemburg.....	43.9	19.4	21.5	43.5	29.6	35.8	46.8	39.5	44.7
France.....	36.5	29.0	33.9	39.8	35.4	38.1	42.0	40.2	39.2
Spain.....	22.8	22.6	20.6	25.4	17.6	24.2	20.2	20.5	18.2
Portugal.....		9.3	9.3	15.4	11.3	12.4	9.5	10.0	7.0
Italy.....	29.4	31.4	25.1	32.6	30.1	30.3	33.0	25.5	37.8
Switzerland.....	59.1	58.4	48.4	60.0	53.9	55.0	60.9	56.5	56.5
Germany.....	55.3	44.1	35.0	50.9	44.7	45.1	50.7	50.9	55.4
Austria.....	32.9	28.6	26.0	32.2	29.9	35.2	38.6	39.3	38.7
Czechoslovakia.....	38.4	37.7	35.5	44.1	39.7	43.5	44.8	47.6	42.5
Hungary.....	33.5	24.8	27.8	34.2	22.2	35.6	36.5	35.0	36.5
Yugoslavia.....	24.7	18.9	18.9	23.1	23.9	28.0	28.3	21.5	26.3
Greece.....	29.1	22.6	27.4	21.2	12.0	21.9	18.0	18.2	27.9
Bulgaria.....	21.2	20.1	21.1	18.7	16.9	21.5	21.0	19.8	24.6
Rumania.....	28.2	21.7	27.9	18.9	13.7	17.4	30.0	22.3	24.5
Poland.....	29.4	31.6	29.6	39.0	26.0	35.8	32.6	36.1	34.2
Lithuania.....	23.8	23.7	37.5	27.9	24.0	24.5	24.3	21.9	28.8
Latvia.....	25.1	27.1	26.9	21.5	22.6	25.7	24.0	16.6	17.0
Estonia.....	24.9		25.2	21.0	23.6	23.5	25.3	18.7	21.3
Finland.....	20.4	33.4	35.0	24.7	32.3	37.7	37.5	39.2	31.3
Russia, European and Asiatic.....	22.4	14.9	22.9	18.4	19.1	25.4	26.3	20.7	26.5
Total Europe, excluding Russia.....	39.1	34.3	33.7	39.2	34.8	38.9	41.3	40.2	42.0

¹ Where changes in boundary have occurred, the averages are estimates for territory within present boundaries.

² Preliminary.

³ 1 year only.

⁴ 4-year average.

TABLE 10.—Oats: Yield per acre in specified countries, average 1909–1913, annual 1921–1929—Continued

Country	Average 1909–1913	1921	1922	1923	1924	1925	1926	1927	1928
NORTHERN HEMISPHERE—Continued									
AFRICA									
Morocco.....		25.2	6.4	14.3	22.2	21.9	13.7	22.1	18.4
Algeria.....	30.0	24.3	13.9	27.0	14.7	24.8	14.0	20.1	22.7
Tunis.....	27.4	26.0	7.7	22.4	14.2	27.6	22.5	16.6	22.7
Total.....	29.0	24.7	12.5	25.7	15.1	25.0	15.0	19.9	22.3
ASIA									
Cyprus.....		15.0	17.6	24.9	14.7	19.7	17.3	16.6	
Syria and Lebanon.....			19.7	16.2	13.9	19.3	24.7	18.7	10.6
Japan.....	44.8	43.8	33.1	41.2	36.2	40.5	40.0	41.0	
Chosen.....	15.6	19.9	18.9	15.4	14.9	13.4	15.5	15.4	
Total Northern Hemisphere countries, excluding Russia, reporting area, and production all years.....	35.5	28.3	32.0	36.1	34.1	35.5	34.2	34.2	37.8
SOUTHERN HEMISPHERE									
Brazil.....		41.3	26.6	27.8	29.3	24.8	23.4		
Chile.....	42.7	41.3	34.8	39.2	34.3	39.8	35.9	46.3	
Uruguay.....	19.5	19.3	11.6	18.0	23.0	16.4	14.1	23.9	25.4
Argentina.....	22.6	14.5	21.2	27.8	20.2	25.2	20.9	16.5	
Union of South Africa.....	11.9	8.5	8.2	10.5	11.8	8.7	10.6	10.2	12.1
Australia.....	23.8	20.7	18.5	20.1	19.1	15.1	18.6	14.7	
New Zealand.....	49.1	49.4	49.7	38.4	47.3	49.2	52.1	54.6	

Official sources and International Institute of Agriculture. Figures refer to the crop harvested during the calendar year in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

TABLE 11.—Oats: Production in specified countries, average 1909–1913, annual 1921–1928

[In thousands of bushels—i. e., 000 omitted]

Country	Average 1909–1913 ¹	1921	1922	1923	1924	1925	1926	1927	1928 ²
NORTHERN HEMISPHERE									
NORTH AMERICA									
Canada.....	351,690	426,233	491,239	563,998	405,976	402,296	383,416	439,713	452,153
United States.....	1,143,407	1,078,341	1,215,803	1,305,883	1,502,529	1,487,550	1,246,848	1,182,594	1,449,531
Total.....	1,495,097	1,504,574	1,707,042	1,869,881	1,908,505	1,889,846	1,630,264	1,622,307	1,901,684
EUROPE									
United Kingdom: England and Wales.....	96,913	97,822	90,568	92,956	104,930	96,600	104,324	94,080	101,090
Scotland.....	44,507	46,732	46,917	44,977	49,070	50,120	52,500	43,400	49,280
Northern Ireland.....	20,816	16,625	19,075	19,285	18,757	19,168	20,491	19,303	19,355
Irish Free State.....	44,353	36,176	37,975	32,669	33,744	40,989	44,712	46,735	44,610
Norway.....	10,276	12,960	13,380	7,999	10,641	12,048	13,332	12,605	11,608
Sweden.....	86,050	75,070	77,154	72,493	71,145	81,009	87,598	79,489	87,410
Denmark.....	60,557	52,158	58,403	63,104	63,208	65,837	60,333	60,863	72,338
Netherlands.....	18,070	20,001	17,817	18,641	20,881	20,314	22,530	21,144	25,353
Belgium.....	43,964	35,225	35,783	47,056	44,206	42,501	50,729	46,102	48,343
Luxemburg.....	3,382	1,243	1,527	3,174	2,162	2,545	3,240	2,763	3,131
France.....	398,462	244,455	288,294	330,944	305,535	327,645	304,120	343,279	336,255
Spain.....	29,110	35,616	31,214	40,434	28,792	43,443	37,688	30,216	35,609
Portugal.....	(7,000)	5,616	5,818	8,098	6,297	6,282	4,747	5,528	3,876
Italy.....	37,537	38,415	30,465	39,827	33,296	47,199	40,647	30,720	48,412
Switzerland.....	4,784	3,036	2,466	3,059	2,694	2,694	3,107	2,880	2,880
Germany.....	527,178	344,744	276,619	420,731	389,525	384,740	435,722	437,249	481,900
Austria.....	29,030	19,000	18,317	25,861	22,843	20,761	29,955	30,231	29,652
Czechoslovakia.....	96,147	74,087	71,552	91,684	82,959	89,863	95,072	100,422	88,115
Hungary.....	28,464	21,964	22,553	27,468	15,713	25,532	24,802	22,513	23,725
Yugoslavia.....	33,516	18,907	18,272	21,476	20,795	23,771	24,645	20,114	24,001
Greece.....	³ 4,075	3,684	4,692	4,011	3,080	5,407	4,958	4,650	8,412

¹ Where changes in boundary have occurred, the averages are estimates for territory within present boundaries.

² Preliminary.

³ 1 year only.

TABLE 11.—Oats: Production in specified countries, average 1909-1913, annual 1921-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Country	Average 1909-1913	1921	1922	1923	1924	1925	1926	1927	1928
NORTHERN HEMISPHERE—Con.									
EUROPE—Con.									
Bulgaria.....	8, 651	6, 657	7, 708	7, 075	6, 371	7, 691	6, 725	6, 446	7, 210
Rumania.....	59, 776	66, 356	92, 073	62, 665	42, 013	50, 986	79, 850	59, 810	67, 546
Poland.....	195, 825	150, 286	175, 548	242, 671	166, 169	228, 145	210, 110	233, 550	172, 076
Lithuania.....	22, 910	18, 154	30, 457	22, 776	23, 155	20, 849	30, 182	16, 741	18, 377
Latvia.....	19, 188	16, 843	18, 171	16, 412	18, 669	20, 935	19, 009	12, 205	10, 037
Estonia.....	9, 795	11, 125	10, 057	7, 942	9, 677	8, 723	9, 170	6, 727	6, 817
Finland.....	20, 391	34, 846	37, 174	26, 304	33, 913	40, 410	40, 835	43, 609	35, 115
Russia, European and Asiatic.....	924, 918	359, 413	408, 746	404, 624	603, 303	797, 859	987, 675	888, 735	1, 109, 197
Total Europe, excluding Russia.....	1, 930, 727	1, 507, 803	1, 540, 019	1, 807, 782	1, 630, 240	1, 792, 267	1, 921, 140	1, 842, 434	1, 862, 594
AFRICA									
Morocco.....	(500)	554	180	415	1, 089	985	765	1, 395	1, 378
Algeria.....	13, 489	14, 609	7, 799	16, 190	9, 137	15, 768	8, 693	10, 607	13, 779
Tunis.....	3, 642	4, 134	965	2, 756	1, 585	2, 756	2, 136	1, 481	2, 067
Total.....	17, 631	19, 357	8, 944	19, 361	11, 811	19, 509	11, 694	13, 483	17, 224
ASIA									
Cyprus.....	515	255	204	349	250	296	311	265	-----
Syria and Lebanon.....	-----	413	420	444	463	1, 481	1, 215	1, 215	530
Japan.....	4, 928	13, 436	9, 158	10, 967	9, 932	10, 744	10, 764	12, 372	-----
Chosen.....	2, 202	5, 330	5, 136	4, 421	4, 249	3, 591	4, 266	4, 178	-----
Total Northern Hemisphere countries excluding Russia, reporting area and production all years.....	3, 443, 455	3, 031, 734	3, 256, 005	3, 697, 024	3, 550, 556	3, 701, 622	3, 562, 998	3, 478, 224	3, 781, 602
Estimated Northern Hemisphere total excluding Russia and China.....	3, 474, 000	3, 064, 000	3, 284, 000	3, 726, 000	3, 579, 000	3, 730, 000	3, 502, 000	3, 508, 000	3, 811, 000
SOUTHERN HEMISPHERE									
Brazil.....	-----	620	505	472	440	372	328	-----	-----
Chile.....	3, 333	2, 893	2, 822	3, 901	4, 558	5, 536	4, 878	6, 395	-----
Uruguay.....	1, 285	2, 069	999	2, 156	3, 168	2, 440	1, 443	3, 293	3, 967
Argentina.....	54, 246	30, 606	55, 597	76, 338	53, 456	80, 432	66, 276	52, 290	-----
Union of South Africa.....	9, 661	5, 186	5, 728	6, 596	7, 469	5, 485	6, 119	6, 081	7, 598
Australia.....	17, 768	15, 184	18, 728	21, 629	22, 242	15, 265	15, 714	14, 870	-----
New Zealand.....	17, 978	8, 441	7, 110	2, 456	6, 956	5, 016	6, 091	4, 695	-----
Total Northern and Southern Hemisphere countries excluding Russia, reporting area and production all years.....	3, 454, 401	3, 038, 989	3, 262, 732	3, 705, 776	3, 561, 193	3, 709, 547	3, 570, 560	3, 487, 598	3, 793, 067
Estimated world total excluding Russia and China.....	3, 581, 000	3, 133, 000	3, 379, 000	3, 844, 000	3, 683, 000	3, 848, 000	3, 697, 000	3, 602, 000	-----

Official sources and International Institute of Agriculture. Figures refer to the crop harvested during the calendar year in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

⁴4-year average.

The estimate for the 5-year period 1900-1913 given in this table is somewhat larger than the figure obtained by averaging the same 5 years in Table 12. That is because in this table estimates for warring countries are for post-war boundaries, whereas in Table 12 they are for pre-war territory. As a result, in excluding Russia, which lost territory in the war, a smaller area is excluded in this table than in Table 12.

TABLE 12.—Oats: World production and production of selected countries, 1894-1928

[In millions of bushels—i. e., 000,000 omitted]

Year	Estimated world production excluding Russia	Estimated European production excluding Russia	Production in—							
			United States	Russia ¹	Germany	France	Canada	Poland	England and Wales	Argentina
1894	2,303	1,451	716	744	453	294			119	
1895	2,503	1,432	886	717	430	306			105	
1896	2,320	1,376	780	800	411	296			93	
1897	2,232	1,282	791	664	394	253			99	1
1898	2,501	1,511	843	688	465	322			102	1
1899	2,633	1,462	926	905	474	308			99	2
1900	2,624	1,464	914	854	489	285			99	2
1901	2,344	1,415	778	624	486	255			91	2
1902	2,888	1,576	1,053	931	514	320			115	4
1903	2,829	1,649	869	800	542	344			109	3
1904	2,716	1,435	1,009	1,124	478	291			112	4
1905	2,823	1,460	1,090	937	451	306			99	6
1906	3,073	1,683	1,036	714	581	295			109	12
1907	2,861	1,768	805	921	630	353			121	34
1908	2,832	1,632	851	959	530	327	250		106	32
1909	3,415	1,863	1,088	1,163	629	383	353		104	36
1910	3,223	1,660	1,186	1,065	544	332	244		104	47
1911	3,135	1,683	922	876	531	349	365		96	69
1912	3,700	1,720	1,418	1,089	587	355	392		89	76
1913	3,580	1,909	1,122	1,251	669	357	405		91	43
1914	3,266	1,681	1,141	² 915	623	318	313		93	49
1915	3,594	1,401	1,549	³ 897	412	339	465		101	75
1916	3,259	1,469	1,252	⁴ 845	484	277	410		102	32
1917	3,217	1,047	1,593	761	⁵ 484	⁶ 220	403		106	69
1918	3,215	1,117	1,538		302	181	426		140	34
1919	3,040	1,319	1,184		310	180	394	76	111	31
1920	3,647	1,478	1,496	486	332	291	531	129	105	51
1921	3,133	1,508	1,078	359	345	244	426	150	98	31
1922	3,379	1,540	1,216	409	277	288	491	176	91	56
1923	3,844	1,808	1,300	405	421	337	564	243	93	76
1924	3,683	1,630	1,503	603	300	306	406	166	105	53
1925	3,848	1,792	1,488	798	385	328	402	228	97	80
1926	3,697	1,921	1,247	988	436	364	383	210	104	66
1927	3,602	1,842	1,183	889	437	343	440	234	94	52
1928 ⁶		1,863	1,450	1,109	482	336	452	172	101	

Official sources and International Institute of Agriculture. For each year is shown the production during the calendar year in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

¹ Includes all Russian territory reporting for the years shown.

² Total Russian Empire exclusive of the 10 Vistula Provinces of Russian Poland and the Province of Batum in Transcaucasia.

³ Exclusive of Russian Poland, Lithuania, parts of present Latvia and the Ukraine, and the Provinces of Batum and Elizabetpol in Transcaucasia.

⁴ Beginning this year, estimates for the present territory of the Union of Socialist Soviet Republics exclusive of Turkestan, Transcaucasia, and the Far East, which territory in 1924 produced 20,248,000 bushels.

⁵ Beginning this year, postwar boundaries and therefore not comparable with earlier years.

⁶ Preliminary.

TABLE 13.—Oats, spring and fall sown: Average dates of planting and harvesting, by States, in chronological order

SPRING SOWN

State	Planting			Harvesting		
	Beginning	General	Ending	Beginning	General	Ending
Texas.....	Jan. 31	Feb. 13	Mar. 1	June 6	June 15	June 26
Alabama.....	do.....	Feb. 20	Mar. 9	June 5	do.....	Do.
Mississippi.....	Feb. 1	Feb. 19	do.....	June 6	June 16	June 27
Georgia.....	Feb. 3	Feb. 27	Mar. 16	June 16	June 28	July 7
Arkansas.....	Feb. 15	Mar. 1	Mar. 18	June 15	June 24	July 2
Oklahoma.....	Feb. 17	Mar. 4	Mar. 21	June 20	June 29	July 7
North Carolina.....	Feb. 21	Mar. 7	Mar. 23	June 19	June 30	July 10
Tennessee.....	Feb. 22	Mar. 11	Apr. 1	June 23	July 3	July 12
Kansas.....	Mar. 7	Mar. 21	Apr. 3	July 2	July 10	July 18
Kentucky.....	Mar. 8	Mar. 23	Apr. 11	July 4	July 13	July 22
Missouri.....	Mar. 10	Mar. 25	Apr. 10	July 3	July 10	July 17
Virginia.....	Mar. 15	Mar. 28	Apr. 13	July 8	July 14	July 23
Illinois.....	Mar. 19	Mar. 31	Apr. 14	July 9	July 16	July 24
Maryland.....	Mar. 20	Apr. 1	Apr. 21	July 11	do.....	July 25
Indiana.....	do.....	Apr. 4	Apr. 18	July 14	July 22	July 30
West Virginia.....	Mar. 26	Apr. 8	Apr. 22	July 11	July 20	July 28
Ohio.....	Mar. 27	Apr. 9	do.....	July 16	July 24	Aug. 1
New Jersey.....	Apr. 1	Apr. 12	Apr. 24	do.....	July 26	Aug. 5
Nebraska.....	Apr. 2	do.....	Apr. 23	do.....	July 25	Aug. 2
Iowa.....	Apr. 3	Apr. 11	Apr. 22	July 17	July 24	Aug. 3
Pennsylvania.....	Apr. 6	Apr. 19	May 2	July 27	Aug. 5	Aug. 15
South Dakota.....	Apr. 8	Apr. 18	Apr. 30	do.....	do.....	Do.
Connecticut.....	Apr. 9	Apr. 22	May 8	July 16	July 27	Aug. 5
Massachusetts.....	Apr. 10	Apr. 27	May 6	do.....	July 25	Aug. 3
Rhode Island.....	Apr. 13	Apr. 25	May 8	Aug. 1	Aug. 10	Aug. 18
Wisconsin.....	Apr. 16	Apr. 24	May 7	Aug. 2	do.....	Aug. 17
Minnesota.....	Apr. 19	Apr. 29	May 9	Aug. 4	Aug. 11	Aug. 19
New York.....	do.....	Apr. 30	May 18	July 31	Aug. 10	Aug. 22
Michigan.....	Apr. 20	do.....	May 10	Aug. 5	Aug. 14	Aug. 23
North Dakota.....	Apr. 24	May 5	May 19	Aug. 10	Aug. 17	Aug. 28
Vermont.....	Apr. 29	May 9	May 22	do.....	Aug. 21	Sept. 3
Maine.....	May 2	May 13	June 1	Aug. 13	Aug. 23	Sept. 2
New Hampshire.....	May 4	May 12	May 27	Aug. 9	Aug. 18	Sept. 3

FALL SOWN

North Carolina.....	Sept. 25	Oct. 14	Nov. 4	June 9	June 20	June 29
Texas.....	Oct. 2	Oct. 24	Nov. 12	May 27	June 8	June 19
Georgia.....	do.....	Oct. 26	Nov. 19	May 28	June 9	June 22
Mississippi.....	Oct. 3	do.....	Oct. 31	June 1	June 7	June 16
Alabama.....	Oct. 6	Oct. 24	Nov. 13	May 27	June 8	June 19
South Carolina.....	Oct. 7	Oct. 31	Dec. 31	May 31	June 13	June 25
Florida.....	Oct. 11	Nov. 6	Nov. 24	May 8	May 23	June 7
Louisiana.....	Oct. 16	Nov. 5	Nov. 22	May 29	June 8	June 15

Compiled from Bureau of Statistics Bulletin No. 85, Seedtime and Harvest: Cereals, Flax, Cotton, and Tobacco, pp. 47 and 52.

TABLE 14.—Oats: Estimated condition of crop on specified dates, United States, 1866-1928

Year	June 1	July 1	Aug. 1	Sept. 1	Year	June 1	July 1	Aug. 1	Sept. 1	Year	June 1	July 1	Aug. 1	Sept. 1
	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>		<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>		<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
1866	90.3	105.6	113.3	106.7	1887	91.0	85.9	85.6	83.4	1908	92.9	85.7	76.8	60.7
1867	96.3	101.9	109.0	106.7	1888	95.4	95.2	91.7	87.2	1909	88.7	88.3	85.5	83.8
1868	102.6	109.6	104.0	92.2	1889	93.8	94.1	92.3	90.0	1910	91.0	82.2	81.5	83.3
1869	100.5	114.5	108.5	111.6	1890	89.8	81.6	70.1	64.4	1911	85.7	68.8	65.7	64.5
1870	95.2	93.4	94.5	96.1	1891	85.1	87.6	89.5	90.7	1912	91.1	89.2	90.3	92.3
1871	96.0	93.8	95.1	97.6	1892	88.5	87.2	86.2	78.9	1913	87.0	76.3	73.8	74.0
1872	99.3	103.2	99.6	97.4	1893	88.9	88.8	78.3	74.9	1914	89.5	84.7	79.4	75.8
1873	96.7	90.3	93.7	92.0	1894	87.0	77.7	76.5	77.8	1915	92.2	93.9	91.6	91.1
1874	94.2	90.0	72.5	86.0	1895	84.3	83.2	84.5	86.0	1916	86.9	86.3	81.5	78.0
1875	93.5	100.7	90.0	87.0	1896	98.8	96.3	77.3	74.0	1917	88.8	89.4	87.2	90.4
1876	98.9	100.0	86.0	81.0	1897	89.0	87.5	86.0	84.6	1918	93.2	85.5	82.8	84.4
1877	95.1	101.7	98.0	106.0	1898	98.0	92.8	84.2	79.0	1919	93.2	87.0	76.5	73.0
1878	103.0	101.0	100.0	97.0	1899	88.7	90.0	90.8	87.2	1920	87.8	84.7	87.2	88.3
1879	81.0	87.0	91.0	91.7	1900	91.7	85.5	85.0	82.9	1921	85.7	77.0	64.5	61.1
1880	93.0	96.0	90.6	88.0	1901	85.3	83.7	73.6	72.1	1922	85.5	74.4	75.6	74.9
1881	92.0	98.0	97.0	92.3	1902	90.6	92.1	89.4	87.2	1923	85.6	83.5	81.9	80.3
1882	101.0	103.0	102.0	100.0	1903	86.5	84.3	79.5	75.7	1924	83.0	86.9	88.2	89.3
1883	96.0	99.0	100.0	99.0	1904	89.2	89.8	86.6	85.6	1925	79.6	76.3	79.1	82.1
1884	98.0	98.0	94.0	95.0	1905	92.9	92.1	90.8	90.3	1926	78.8	74.5	71.4	67.9
1885	94.0	97.0	96.0	93.0	1906	85.9	84.0	82.8	81.9	1927	79.9	79.9	74.8	70.3
1886	95.9	88.8	87.4	90.9	1907	81.6	81.0	75.6	65.5	1928	78.3	79.9	84.8	84.4

Compiled from records of the Division of Crop and Livestock Estimates. Percentage of normal condition on the given date, normal conditions being a condition which, with favorable subsequent influences upon the crop may be expected to produce a full crop.

TABLE 15.—Oats: Farmers' intentions to plant and actual plantings, 1923-1928

Year	Intentions to plant, in percentage of acreage harvested previous year	Acreage harvested		Year	Intentions to plant, in percentage of acreage harvested previous year	Acreage harvested	
		Percentage of previous year	Total			Percentage of previous year	Total
	<i>Per cent</i>	<i>Per cent</i>	<i>1,000 acres</i>		<i>Per cent</i>	<i>Per cent</i>	<i>1,000 acres</i>
1923			40,981	1926	104.6	98.5	44,177
1924	107.0	102.8	42,110	1927	103.2	94.9	41,941
1925	105.6	106.6	44,872	1928 ¹	98.6	91.5	41,733

Compiled from reports of the Division of Crop and Livestock Estimates.

¹ Preliminary.

TABLE 16.—Oats: Cost of production, by States, 1922-1927

State and year	Reports	Average acreage in oats per farm	Average yield per acre		Gross cost per acre to—										Credit per acre (straw)	Net cost	
			For farms reporting	As reported to the Division of Crop and Livestock Estimates ¹	Prepare and plant	Harvest and thresh	Market	Miscellaneous labor ²	Commercial fertilizer	Manure	Seed	Land rent	Miscellaneous costs ³	Total		Per acre	Per bushel
Maine:	<i>Number</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1922	28	6	36	38.0	6.92	9.45	2.56	0.64	5.23	8.25	3.44	7.18	1.43	45.10	4.98	40.12	1.11
1923	48	11	48	37.0	7.26	8.78	2.49	.65	3.38	5.82	3.63	7.91	4.87	44.79	5.59	39.20	.82
1924	31	7	42	38.0	7.41	9.23	2.67	.11	2.25	9.45	3.27	6.45	4.39	45.23	5.50	39.73	.95
1925	25	8	54	45.0	8.12	10.05	2.41	.23	2.28	4.92	3.17	5.42	5.48	42.08	4.96	37.12	.69
1926	19	14	44	38.0	7.46	10.14	1.58	.61	2.78	5.63	3.42	6.33	3.72	41.67	4.79	36.88	.84
1927	35	15	39	37.0	6.86	7.68	1.90	.16	1.72	3.64	3.49	7.42	5.08	37.95	2.37	35.08	.90
Vermont:																	
1922	21	8	40	34.0	6.88	9.54	3.15	-----	2.55	7.24	3.08	5.02	1.39	38.85	4.36	34.49	.86
1923	38	11	45	35.0	6.99	8.08	2.43	.20	3.11	8.93	2.93	6.27	4.89	43.83	7.16	36.67	.81
1924	26	6	44	38.0	8.37	10.76	2.40	.23	3.02	6.40	3.08	5.56	3.44	43.26	6.35	36.91	.84
1925	13	8	43	40.0	8.11	9.92	1.60	.53	1.80	5.31	2.60	6.55	2.21	38.63	7.27	31.36	.73
New York:																	
1922	96	13	38	30.0	6.42	6.63	1.68	.13	2.48	1.59	2.08	6.16	2.29	29.46	4.82	24.64	.65
1923	297	12	40	32.2	6.59	6.24	1.92	.21	2.20	1.98	2.03	5.98	3.47	30.62	5.39	25.23	.63
1924	261	12	41	36.0	6.67	6.70	1.91	.17	2.43	1.82	2.18	5.60	3.14	30.62	4.93	25.69	.63
1925	219	12	44	36.0	7.04	7.43	2.09	.23	2.49	1.69	2.20	6.42	3.83	33.42	5.93	27.49	.62
1926	194	12	41	34.0	7.28	7.04	2.47	.27	2.82	1.62	2.08	6.03	3.70	33.33	5.21	28.12	.69
1927	155	12	40	35.0	6.78	6.75	1.49	.19	2.65	1.35	2.12	6.07	3.51	30.91	4.37	26.54	.66
New Jersey:⁴																	
1923	43	10	31	24.0	5.43	5.56	1.58	.17	2.19	.23	1.75	5.56	1.80	24.27	4.23	20.04	.65
1924	17	10	35	30.0	5.02	6.62	1.52	.12	2.17	1.12	1.85	6.71	3.11	28.24	5.32	22.92	.65
1925	19	10	31	30.0	5.42	6.20	1.61	.12	1.79	.26	1.91	5.28	3.05	25.64	7.37	18.27	.59
1926	11	14	39	33.0	5.57	8.86	1.07	.09	1.50	.18	1.52	4.50	4.63	27.92	6.23	21.69	.56
1927	21	11	43	36.0	5.09	7.06	1.72	.18	1.33	1.52	1.62	5.42	2.84	26.78	4.90	21.88	.51

¹ State average yields obtained by the Division of Crop and Livestock Estimates and published in the Yearbooks of the U. S. Department of Agriculture, carried to nearest whole number.

² Includes miscellaneous labor, irrigating and water, seed treatment, and material. 1923 includes miscellaneous labor, spraying, and spraying material.

³ Sacks and twine, crop insurance, use of implements, use of storage buildings, and overhead.

⁴ Years not specified included in total. (See explanation given in footnote 5.)

TABLE 16.—Oats: Cost of production, by States, 1922-1927—Continued

State and year	Reports	Average acreage in oats per farm	Average yield per acre		Gross cost per acre to—										Credit per acre (straw)	Net cost		
			For farms reporting	As reported to Division of Crop and Livestock Estimates	Prepare and plant	Harvest and thresh	Market	Miscellaneous labor	Commercial fertilizer	Manure	Seed	Land rent	Miscellaneous costs	Total		Per acre	Per bushel	
Pennsylvania:	<i>Number</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1922	103	11	39	34.0	6.42	5.61	2.05	0.07	2.08	0.98	1.82	4.57	1.73	25.33	4.68	20.65	0.53	
1923	430	14	34	29.0	6.20	5.35	1.94	.19	2.09	1.07	1.74	5.11	3.38	27.07	4.87	22.20	.65	
1924	291	12	41	36.0	5.94	5.72	1.92	.14	2.10	1.04	1.88	5.40	3.39	27.53	4.83	22.70	.55	
1925	189	12	40	35.0	6.07	5.89	1.98	.13	2.27	.84	1.79	5.66	3.27	27.90	4.53	23.37	.58	
1926	146	11	41	32.0	5.64	5.88	1.62	.15	2.40	1.04	1.72	5.24	3.25	26.94	4.80	22.14	.54	
1927	184	12	40	36.0	5.59	5.05	1.58	.15	2.03	.67	1.76	5.19	2.99	25.01	3.96	21.05	.53	
Ohio:																		
1922	136	13	35	27.0	4.13	4.55	1.33	.21	1.31	.45	1.39	5.77	1.59	20.73	2.51	18.22	.52	
1923	451	13	39	34.5	4.29	5.04	1.42	.15	1.22	.51	1.74	5.67	2.84	22.88	2.93	19.95	.51	
1924	267	15	48	41.0	4.30	5.25	1.38	.14	1.23	.43	1.44	5.85	2.80	22.82	2.60	20.22	.42	
1925	347	17	47	41.5	4.09	5.15	1.30	.17	1.07	.32	1.33	6.09	2.75	22.27	2.41	19.86	.42	
1926	228	16	48	38.0	3.94	5.22	1.42	.06	1.25	.31	1.25	6.40	2.56	22.41	2.36	20.05	.42	
1927	199	18	42	32.0	4.22	4.87	1.32	.20	1.30	.34	1.30	5.81	3.01	22.37	2.31	20.06	.48	
Indiana:																		
1922	142	20	27	21.0	2.58	3.81	1.14	.08	.75	.71	1.17	6.42	1.34	18.00	1.55	16.45	.61	
1923	418	23	33	28.0	2.91	3.84	1.14	.13	.56	.62	1.19	5.70	1.99	18.08	2.04	16.04	.49	
1924	276	22	41	37.0	2.71	4.49	.99	.09	.64	.69	1.28	6.05	2.16	19.10	2.03	17.07	.42	
1925	268	24	34	28.0	2.49	3.68	.91	.16	.43	.34	1.18	6.20	2.05	17.44	1.66	15.78	.46	
1926	281	25	38	30.0	2.46	3.91	1.15	.09	.41	.31	1.14	6.03	2.37	17.87	1.45	16.42	.43	
1927	210	24	30	25.0	2.69	3.72	.87	.07	.46	.37	1.20	5.78	2.07	17.23	1.45	15.78	.53	
Illinois:																		
1922	106	35	35	28.5	1.95	3.45	1.08	.07	.13	.36	1.24	6.57	1.06	15.91	1.48	14.43	.41	
1923	494	36	39	35.0	2.16	3.77	1.00	.19	.16	.32	1.23	6.73	2.04	17.60	1.72	15.88	.41	
1924	394	34	42	39.0	2.29	3.91	1.16	.17	.13	.43	1.41	6.81	1.95	18.26	1.43	16.83	.40	
1925	295	38	37	32.5	2.22	3.78	1.12	.16	.16	.41	1.31	6.62	2.02	17.80	1.26	16.54	.45	
1926	262	39	34	26.5	2.06	3.61	1.00	.18	.22	.30	1.24	6.55	2.04	17.20	1.29	15.91	.47	
1927	181	37	30	25.5	1.97	3.13	.75	.12	.10	.22	1.36	6.43	1.90	15.98	1.11	14.87	.50	
Michigan:																		
1922	82	16	41	34.0	5.09	4.40	1.69	.17	.81	1.37	1.33	1.82	22.31	2.81	19.50	.48		
1923	416	15	39	32.0	5.28	4.96	1.74	.16	.69	1.31	1.24	5.20	2.39	22.97	3.29	19.68	.50	
1924	222	15	46	38.8	4.97	5.39	1.83	.11	.92	1.24	1.25	5.48	2.51	23.70	2.88	20.82	.45	
1925	210	14	38	32.0	5.30	5.02	1.87	.21	.85	1.11	1.14	5.61	2.87	23.48	2.70	20.78	.55	

1926	273	13	39	33.0	5.03	5.15	1.54	.10	.94	.90	1.19	5.40	2.55	22.80	2.90	19.90	.51
1927	131	14	39	33.5	5.34	5.17	1.73	.20	1.24	1.47	1.32	5.40	2.54	24.71	2.51	22.20	.57
Wisconsin:																	
1922	112	19	45	41.2	4.13	3.39	2.10	.12	.09	1.35	1.55	6.38	2.04	21.15	3.00	18.15	.40
1923	448	23	39	36.3	4.31	4.88	2.11	.30	.17	1.51	1.53	6.27	2.44	23.52	3.53	19.99	.51
1924	321	19	42	40.0	4.25	5.09	1.96	.14	.14	1.67	1.62	6.08	2.76	23.71	3.22	20.49	.49
1925	357	20	49	48.5	4.42	5.36	2.27	.32	.09	1.33	1.48	6.60	3.30	25.17	3.26	21.91	.45
1926	198	22	42	37.5	4.14	4.87	1.97	.17	.22	1.29	1.47	6.57	3.06	23.76	3.07	20.69	.49
1927	252	25	42	38.5	3.92	4.81	2.00	.15	.20	1.39	1.56	6.75	2.99	23.77	2.49	21.28	.51
Minnesota:																	
1922	114	34	39	35.5	3.24	3.86	1.25	.09	.02	.69	1.23	4.93	1.49	16.80	1.43	15.37	.39
1923	513	37	41	37.0	3.38	4.34	1.48	.20	.04	.75	1.26	4.63	2.39	18.47	1.33	17.14	.42
1924	301	39	46	43.0	3.51	4.66	1.46	.14	.07	.92	1.40	5.05	2.39	19.60	1.34	18.26	.40
1925	354	40	47	42.0	3.41	4.53	1.44	.15	.04	.55	1.29	4.75	2.44	18.60	.87	17.73	.38
1926	250	32	37	28.5	3.36	3.99	1.23	.17	.03	.67	1.31	4.90	2.45	18.11	.96	17.15	.46
1927	384	35	34	26.8	3.37	4.01	1.18	.13	.05	.70	1.45	5.08	2.29	18.26	1.19	17.07	.50
Iowa:																	
1922	163	37	41	37.1	1.95	3.84	1.33	.19	.04	.40	1.26	7.83	1.42	18.26	1.24	17.02	.42
1923	522	38	40	36.2	1.95	3.82	1.24	.15	.01	.42	1.32	7.60	2.23	18.74	1.51	17.23	.43
1924	454	40	44	42.0	2.10	4.20	1.32	.19	.01	.48	1.55	7.86	2.36	20.06	1.29	18.77	.43
1925	451	42	44	39.2	1.96	4.15	1.40	.18	.04	.27	1.49	8.05	2.47	20.01	1.17	18.84	.43
1926	314	44	39	31.5	1.74	3.78	1.16	.17	.03	.41	1.38	8.22	2.34	19.23	1.42	17.81	.46
1927	247	47	39	32.0	1.84	3.83	1.21	.22	.11	.42	1.51	8.48	2.39	20.01	1.49	18.52	.47
Missouri:																	
1922	84	16	23	16.0	2.50	3.44	1.44	.12	.33	.42	1.30	4.23	.77	14.55	1.42	13.13	.57
1923	368	19	27	25.0	2.75	3.77	1.19	.13	.34	.60	1.31	4.30	1.87	16.26	1.42	14.84	.55
1924	215	20	28	25.0	2.65	3.83	1.26	.09	.30	.62	1.41	4.47	2.01	16.64	1.16	15.48	.55
1925	209	23	29	26.0	2.49	4.00	1.25	.21	.23	.38	1.35	4.52	1.87	16.30	1.30	15.00	.52
1926	224	24	24	20.0	2.51	3.68	1.18	.15	.42	.28	1.24	4.11	1.73	15.30	1.19	14.11	.59
1927	125	18	20	17.0	2.44	2.99	1.02	.10	.41	.38	1.38	4.20	1.70	14.62	.90	13.72	.69
North Dakota:																	
1922	140	48	34	33.0	3.16	4.04	1.41	.12	-----	.21	.89	2.61	1.51	13.95	.63	13.32	.39
1923	393	50	26	23.0	3.23	2.91	.95	.14	-----	.17	.82	2.25	1.71	12.18	.63	11.55	.44
1924	257	48	36	34.0	3.30	4.10	1.24	.12	-----	.16	.91	2.42	1.99	14.24	.57	13.67	.38
1925	162	53	32	27.0	3.47	3.83	1.00	.12	-----	.18	.92	2.62	2.05	14.19	.53	13.66	.43
1926	195	57	20	17.0	3.28	2.91	.71	.12	-----	.13	.95	2.41	1.83	12.34	.50	11.84	.59
1927	84	54	27	21.5	3.44	3.77	1.05	.11	-----	.08	1.09	2.50	1.97	14.01	.57	13.44	.50
South Dakota:																	
1922	138	44	35	31.0	2.36	3.56	1.87	.16	-----	.20	.86	3.31	1.32	13.64	.77	12.87	.37
1923	392	47	37	34.0	2.38	3.90	1.78	.39	.03	.56	.95	3.43	2.29	15.71	.70	15.01	.41
1924	329	50	38	37.0	2.43	3.88	1.48	.16	-----	.31	1.06	3.52	2.13	14.97	.60	14.37	.38
1925	136	58	36	34.0	2.45	3.89	1.52	.18	-----	.42	1.07	3.72	2.17	15.42	.66	14.76	.41
1926	132	57	15	11.7	2.23	2.26	1.07	.12	-----	.22	1.08	3.69	1.75	12.42	.63	11.79	.79
1927	147	47	33	29.3	2.18	3.53	1.45	.19	-----	.30	1.23	3.62	2.03	14.53	.51	14.02	.42
Nebraska:																	
1922	86	35	27	23.3	2.08	3.29	1.10	.22	-----	.13	.94	4.96	1.34	14.06	1.02	13.04	.48
1923	366	32	36	33.0	2.20	4.04	1.22	.27	.01	.40	1.03	4.84	1.98	15.99	1.09	14.90	.41
1924	207	31	32	28.0	2.40	3.93	1.28	.10	.01	.48	1.20	5.26	2.21	16.87	.75	16.12	.50
1925	168	34	28	27.4	2.10	3.56	1.11	.27	.02	.23	1.15	5.13	2.03	15.60	.85	14.75	.53
1926	149	35	20	20.7	2.12	3.00	1.18	.06	.08	.40	1.13	5.26	2.04	15.27	.88	14.39	.72
1927	251	34	32	28.6	2.18	3.71	1.18	.15	-----	.29	1.17	5.27	2.16	16.11	.86	15.25	.48

TABLE 16.—Oats: Cost of production, by States, 1922-1927—Continued

State and year	Reports	Average acreage in oats per farm	Average yield per acre		Gross cost per acre to—										Net cost		
			For farms reporting	As reported to the Division of Crop and Livestock Estimates	Prepare and plant	Harvest and thresh	Market	Miscellaneous labor	Commercial fertilizer	Manure	Seed	Land rent	Miscellaneous costs	Total	Credit per acre (straw)	Per acre	Per bushel
Kansas:	<i>Number</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1922.....	110	24	24	18.5	2.63	3.89	0.94	0.07	0.01	0.27	1.19	4.18	1.19	14.37	0.57	13.80	0.58
1923.....	420	23	31	26.1	2.58	4.52	1.14	.08	.04	.39	1.35	3.92	1.43	15.45	.88	14.57	.47
1924.....	266	18	29	25.0	2.72	4.74	1.06	.05	.03	.31	1.47	4.23	1.76	16.37	.72	15.65	.54
1925.....	318	26	27	23.0	2.66	3.93	1.01	.07	.02	.19	1.43	4.22	1.64	15.17	.66	14.51	.54
1926.....	323	27	24	21.6	2.55	4.02	.93	.07	.04	.30	1.28	4.27	1.73	15.19	.71	14.48	.60
1927.....	226	21	27	23.5	2.51	4.18	.98	.07	.05	.31	1.25	4.30	1.72	15.37	.68	14.69	.54
Maryland:																	
1922.....	27	10	37	30.0	4.67	5.01	2.37	.24	2.42	1.57	1.40	5.75	2.07	25.50	3.87	21.63	.58
1923.....	44	8	35	29.8	5.01	4.82	1.59	.06	2.98	1.07	1.39	5.56	2.96	25.44	5.06	20.38	.53
1924.....	38	8	36	34.0	5.69	5.62	1.86	.10	3.16	1.06	1.54	5.68	2.59	27.30	5.02	22.28	.62
1925.....	30	8	35	32.0	4.51	5.23	1.72	.28	3.38	.60	1.60	6.54	3.15	27.01	4.37	22.64	.65
1926.....	11	8	36	32.8	4.61	4.77	1.30	.24	2.50	1.64	1.50	5.35	2.21	24.12	2.27	21.85	.61
1927.....	15	10	38	33.5	4.81	5.45	1.39	.20	3.12	.13	1.55	7.75	2.44	26.84	4.63	22.21	.58
Virginia:																	
1922.....	47	9	25	20.0	4.77	3.80	1.82	.04	2.35	.41	1.50	4.38	1.17	20.24	2.40	17.84	.71
1923.....	135	10	28	22.0	4.56	4.21	1.46	.21	2.13	1.26	1.46	4.75	2.31	22.35	2.73	19.62	.70
1924.....	81	9	28	23.5	4.63	3.92	1.38	.13	2.15	.89	1.52	4.79	2.02	21.43	2.83	18.60	.66
1925.....	82	9	28	21.5	5.27	4.79	1.74	.12	2.38	1.09	1.66	6.12	2.08	25.25	3.18	22.07	.79
1926.....	58	8	28	26.0	4.66	4.34	1.64	.12	2.18	1.84	1.57	5.52	2.60	24.47	3.10	21.37	.76
1927.....	32	10	23	21.5	4.36	4.14	1.30	.26	2.60	.44	1.70	5.43	2.14	22.37	2.55	19.82	.86
West Virginia:																	
1922.....	38	8	27	23.0	6.44	5.15	2.57	.08	2.87	1.38	1.52	4.52	1.14	25.67	1.72	23.95	.89
1923.....	94	6	27	24.0	5.40	4.81	2.42	.32	1.89	1.44	1.55	5.70	2.40	25.93	3.62	22.31	.83
1924.....	80	7	31	24.0	5.59	5.05	2.25	.21	1.90	.78	1.66	5.72	2.40	25.56	3.04	22.52	.73
1925.....	43	6	35	27.0	6.03	5.04	2.32	.23	1.74	1.15	1.88	6.72	2.65	27.76	3.57	24.19	.69
1926.....	34	7	33	28.0	5.00	5.01	1.68	.36	2.34	1.08	1.58	6.44	1.48	24.97	2.45	22.52	.68
1927.....	49	8	27	24.2	5.18	4.77	1.21	.31	2.01	.98	1.99	5.39	2.13	23.97	1.99	21.98	.81
North Carolina:																	
1922.....	75	7	25	21.0	4.16	3.86	1.61	.11	2.52	.73	1.87	5.65	1.32	21.83	1.58	20.25	.81
1923.....	152	9	27	22.0	4.46	4.17	1.44	.13	2.81	1.11	1.74	5.70	2.08	23.64	2.36	21.28	.79
1924.....	83	7	24	18.0	3.87	4.12	1.71	.04	2.23	.80	1.81	6.15	2.07	22.80	1.83	20.97	.87
1925.....	53	9	27	19.0	4.28	4.03	1.60	.41	2.25	1.14	1.90	5.79	2.34	23.74	1.84	21.90	.81
1926.....	28	7	27	22.0	5.15	4.61	1.35	.02	1.91	.46	1.83	6.42	1.96	23.71	2.67	21.04	.78
1927.....	49	8	28	21.0	4.23	4.34	1.32	.20	2.81	.41	1.89	6.07	2.55	23.82	2.91	20.91	.75

South Carolina:																		
1922	53	23	28	24.0	2.72	4.18	1.79	-.09	3.12	-.19	1.72	5.20	1.80	20.51	1.64	19.17	-.68	
1923	92	22	29	24.0	3.03	4.63	1.48	-.26	2.49	-.26	1.79	5.92	2.30	22.16	2.37	19.79	-.68	
1924	58	19	28	19.5	3.17	4.68	1.44	-.12	2.86	-.40	2.03	6.01	2.15	22.86	1.65	21.21	-.76	
1925	59	18	27	19.0	3.19	5.37	1.58	-.24	2.89	-.25	2.14	5.71	2.60	23.97	1.85	22.12	-.82	
1926	37	23	30	25.2	2.47	5.66	1.66	-.18	2.42	-.27	1.87	6.10	2.21	22.84	1.63	21.21	-.71	
1927	45	16	33	23.0	2.67	5.23	1.65	-.26	2.67	-.11	2.04	6.32	2.63	23.58	2.63	20.95	-.63	
Georgia:																		
1922	81	17	23	18.0	2.57	3.73	1.28	-.09	1.48	-.19	1.56	3.63	1.25	15.78	1.03	14.75	-.64	
1923	307	18	23	18.0	2.78	3.76	1.42	-.17	1.77	-.46	1.67	4.42	1.92	18.37	1.84	16.53	-.72	
1924	78	16	22	15.5	2.49	3.95	1.26	-.09	1.82	-.82	1.90	3.85	1.99	18.17	1.54	16.63	-.76	
1925	82	18	23	17.0	2.64	4.18	1.10	-.29	2.10	-.54	1.93	4.51	1.90	19.19	1.36	17.83	-.78	
1926	59	18	29	23.0	2.47	4.29	1.17	-.27	1.71	-.35	1.61	4.13	2.18	18.18	1.28	16.90	-.58	
1927	45	16	24	21.0	2.25	3.96	1.01	-.20	1.26	-.12	1.53	4.22	2.31	16.86	-.85	16.01	-.67	
Kentucky:																		
1922	57	10	21	18.3	3.46	4.03	1.42	-.25	1.06	-.86	1.07	3.99	1.31	17.45	1.21	16.24	-.77	
1923	95	13	22	21.0	3.29	4.25	1.76	-.43	1.08	-.41	1.13	4.97	2.20	19.52	1.62	17.90	-.81	
1924	64	12	25	23.2	3.18	4.87	1.61	-.51	1.05	-.75	1.21	4.55	2.00	19.73	2.16	17.57	-.70	
1925	41	9	26	21.0	3.13	5.06	2.47	-.58	1.05	-.42	1.31	5.85	2.72	22.59	2.57	20.02	-.77	
1927	29	9	23	19.0	3.37	3.65	1.36	-.19	1.03	-.16	1.05	6.17	1.50	18.48	1.18	17.30	-.75	
Tennessee:																		
1922	60	12	26	18.0	3.78	3.68	1.47	-.14	1.24	-.84	1.22	5.31	1.05	18.73	1.43	17.30	-.67	
1923	130	10	23	21.0	3.55	3.65	1.37	-.14	.96	-.95	1.28	4.88	2.05	18.83	1.62	17.21	-.75	
1924	63	10	27	21.0	3.89	3.76	1.59	-.13	.91	-.97	1.39	5.88	1.99	20.51	1.90	18.61	-.69	
1925	39	12	22	22.0	3.83	4.01	1.41	-.31	1.11	-.47	1.52	5.32	2.41	20.39	1.35	19.04	-.87	
1926	27	10	26	25.0	3.37	3.54	1.52	-.34	.95	-.34	1.32	5.48	2.05	18.91	-.99	17.92	-.69	
1927	27	12	22	17.0	3.35	3.89	1.29	-.20	1.23	1.24	1.32	6.19	2.35	21.06	-.98	20.08	-.91	
Alabama:																		
1922	54	14	21	20.0	2.78	3.88	1.62	-.10	1.18	-.19	1.71	4.30	-.91	16.67	1.04	15.63	-.74	
1923	73	11	21	17.0	2.92	3.58	1.05	-.14	1.14	-.42	1.64	4.16	1.45	16.50	1.45	15.05	-.72	
1924	62	10	23	15.0	2.96	4.16	1.58	-.20	1.07	-.55	1.63	4.55	1.65	18.35	1.93	16.42	-.71	
1925	83	10	21	17.0	3.14	4.10	1.56	-.29	1.65	-.60	1.79	4.16	1.85	19.14	1.30	17.84	-.85	
Mississippi:																		
1922	42	17	22	19.0	2.86	4.19	1.46	-.19	1.10	-.10	1.68	4.44	1.57	17.59	-.85	16.74	-.76	
1923	43	20	21	19.0	3.46	3.67	1.31	-.10	.80	-.15	1.55	4.67	2.30	18.01	1.26	16.75	-.80	
1924	28	24	22	16.0	2.68	3.97	1.35	-.32	1.44	-.62	1.85	3.92	2.21	18.36	1.37	16.99	-.77	
1925	36	10	22	19.0	3.07	4.49	1.71	-.06	.78	-.56	1.60	5.30	2.34	19.91	1.11	18.80	-.85	
1927	27	20	24	19.0	3.08	4.23	1.24	-.28	1.44	1.13	1.93	5.64	2.73	21.70	1.56	20.14	-.84	
Arkansas:																		
1922	36	9	22	25.0	3.09	3.69	1.58	-.16	.67	-.59	1.54	4.08	1.15	16.55	1.33	15.22	-.69	
1923	113	13	25	23.0	3.57	4.73	1.37	-.04	.68	-.71	1.47	4.49	1.91	18.93	2.06	16.87	-.67	
1924	50	13	26	18.0	2.84	3.63	1.70	-.04	.38	-.35	1.44	4.23	1.68	16.29	1.72	14.57	-.56	
1925	36	19	21	16.0	2.96	4.33	2.25	-.28	.51	-.26	1.49	3.50	2.24	17.82	1.52	16.30	-.78	
Oklahoma:																		
1922	55	24	26	20.0	2.36	4.31	1.28	-.05	.29	-.13	1.15	3.40	1.08	14.05	-.95	13.10	-.50	
1923	191	30	23	20.0	2.64	3.96	1.08	-.10	.03	-.31	1.30	3.07	1.32	13.81	-.69	13.12	-.57	
1924	123	28	30	25.0	2.79	4.42	1.12	-.10	-----	-.25	1.54	3.43	1.67	15.32	-.77	14.55	-.48	
1925	77	27	25	23.0	2.77	4.24	1.04	-.10	-----	-.11	1.41	3.07	1.58	14.32	-.61	13.71	-.55	
1926	90	29	34	28.0	2.99	4.71	1.21	-.11	.02	-.15	1.24	3.97	2.06	16.46	-.50	15.87	-.47	
1927	64	26	21	19.0	2.69	3.76	1.05	-.06	.02	-.18	1.24	3.58	1.89	14.47	-.44	14.03	-.67	

TABLE 16.—Oats: Cost of production, by States, 1922-1927—Continued

State and year	Reports	Average acreage in oats per farm	Average yield per acre		Gross cost per acre to—										Credit per acre (straw)	Net cost		
			For farms reporting	As reported to the Division of Crop and Livestock Estimates	Pre-prepare and plant	Harvest and thresh	Market	Miscellaneous labor	Commercial fertilizer	Manure	Seed	Land rent	Miscellaneous costs	Total		Per acre	Per bushel	
																		Dollars
Texas:	<i>Number</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1922	79	29	29	23.0	2.47	4.78	1.55	0.13	0.04	0.09	1.30	4.45	1.43	16.24	1.11	15.13	0.52	
1923	209	34	33	32.0	2.83	4.52	1.35	.33	.02	.23	1.17	4.40	2.20	17.05	1.21	15.84	.48	
1924	113	42	33	34.0	2.93	4.94	1.46	.20	.07	.07	1.31	4.22	2.22	17.42	1.01	16.41	.50	
1925	32	35	18	12.3	2.72	2.81	1.60	.25	---	---	1.50	4.12	1.72	14.72	.52	14.20	.79	
1926	157	32	49	42.6	2.66	5.67	1.85	.17	.03	.13	1.45	5.24	2.66	19.86	.97	18.89	.39	
1927	87	33	27	21.0	2.28	3.71	1.00	.22	.06	.05	1.13	4.49	1.99	14.93	.61	14.32	.53	
Montana:																		
1922	55	25	30	32.0	3.99	4.24	2.15	.71	---	.05	.95	2.77	1.59	16.45	.96	15.49	.52	
1923	213	32	32	33.0	4.57	4.11	2.06	.53	.02	.23	.91	2.84	2.17	17.44	1.00	16.44	.51	
1924	108	29	31	29.5	4.18	4.16	2.01	.48	---	.23	2.84	1.86	1.86	16.65	.90	15.75	.51	
1925	54	25	24	22.5	4.12	3.47	1.30	.69	.01	.47	1.05	3.26	1.50	15.87	.72	15.15	.63	
1926	90	26	23	26.0	4.12	3.25	1.46	.68	---	.25	1.01	2.46	2.22	15.45	.98	14.47	.63	
1927	67	28	39	40.0	4.18	4.68	2.21	.67	---	.15	1.12	2.35	2.29	17.65	.92	16.73	.43	
Idaho:																		
1922	28	26	41	38.0	4.22	5.33	1.45	1.80	---	.31	1.69	6.70	3.21	*24.71	1.31	23.40	.57	
1923	76	21	50	46.0	4.72	6.80	1.87	2.28	.04	.82	1.53	7.16	3.85	29.07	1.00	28.07	.56	
1924	55	24	37	36.0	4.75	5.35	1.60	1.90	---	.44	1.60	7.73	2.93	26.30	1.32	24.98	.68	
1925	12	10	44	49.0	3.95	6.25	2.29	1.64	---	.25	1.46	7.85	2.71	26.40	.92	25.48	.58	
1926	17	18	49	40.0	4.51	6.00	1.67	2.56	.14	---	1.45	8.36	3.47	28.16	.62	27.54	.56	
1927	24	19	55	47.0	4.41	6.48	1.69	1.65	.14	---	1.73	8.32	3.54	28.20	1.21	26.99	.49	
Wyoming:																		
1922	20	23	35	31.0	3.66	4.65	5.50	.99	---	.46	1.05	2.73	1.58	20.62	1.72	18.90	.54	
1923	86	39	37	34.0	3.97	4.17	2.67	1.09	---	.86	1.21	3.18	2.28	19.43	1.69	17.74	.48	
1924	50	31	30	30.0	4.35	4.06	2.22	1.01	---	.58	1.21	3.67	2.31	19.41	1.65	17.76	.59	
1925	20	16	32	35.0	5.13	4.71	3.25	1.95	---	---	1.54	2.55	2.57	21.70	2.37	19.33	.60	
1927	24	34	40	38.0	3.28	4.57	2.79	.55	---	.40	1.19	2.81	2.05	17.64	.77	16.87	.42	
Colorado:																		
1922	27	24	37	25.0	4.19	6.40	2.52	1.40	---	.67	1.68	6.53	1.97	25.41	1.44	23.97	.65	
1923	95	25	40	32.0	3.93	5.58	2.03	1.69	.02	.78	1.49	5.59	3.00	24.11	1.43	22.68	.57	
1924	62	19	33	25.0	4.11	5.05	1.67	1.69	---	1.14	1.57	5.74	2.60	23.57	1.53	22.04	.67	
1925	27	16	34	27.0	4.05	5.17	2.04	2.21	---	.41	1.59	6.65	4.06	26.18	1.13	25.05	.74	
1926	58	31	40	24.0	4.20	6.32	2.46	2.18	---	1.21	1.52	5.70	3.43	27.02	1.32	25.70	.64	
1927	48	30	37	29.0	4.57	5.54	1.61	1.72	---	1.17	1.70	6.59	3.15	26.05	1.52	24.53	.66	

New Mexico:*																			
1923	26	68	30	20.0	3.54	4.76	1.91	2.24	.02	.63	1.31	4.36	2.48	21.25	2.43	18.52			.63
Utah:																			
1922	14	9	61	39.0	5.60	7.94	3.29	4.65	-----	3.61	2.27	10.45	1.76	39.57	1.34	38.23			.63
1923	50	16	50	37.8	5.70	7.78	2.51	3.20	.10	3.78	1.91	10.73	4.24	39.95	2.84	37.11			.74
1924	35	10	45	32.8	6.03	7.88	2.38	3.02	-----	2.94	2.33	10.17	3.23	37.98	2.20	35.78			.80
1925	27	9	53	47.0	5.44	8.59	2.41	3.69	-----	2.85	2.19	14.28	3.41	42.86	1.63	41.23			.78
1926	14	7	55	40.0	6.35	7.85	2.55	3.04	-----	2.21	1.86	14.35	3.12	41.33	2.21	39.12			.71
Washington:																			
1922	18	42	40	39.2	4.49	5.29	1.79	.65	.08	1.22	1.39	6.53	2.20	23.64	2.26	21.38			.53
1923	74	26	58	57.0	5.35	7.35	1.94	.65	.19	1.85	1.65	8.48	5.03	32.49	3.00	29.49			.51
1924	40	27	39	38.5	4.93	5.54	1.47	.54	.10	2.53	1.63	9.14	2.71	28.59	2.22	26.37			.66
1925	47	50	51	44.0	4.74	6.44	1.90	.40	.20	.54	1.86	9.56	3.61	29.25	1.88	27.37			.54
1927	19	20	54	50.0	4.84	6.39	1.44	.89	.35	.62	2.00	10.15	4.00	30.68	1.32	29.36			.54
Oregon:																			
1922	29	25	33	25.0	4.97	4.95	1.66	.45	.03	.36	1.85	6.25	1.92	22.44	.76	21.68			.66
1923	56	23	48	39.0	5.01	5.52	2.26	.58	.06	1.39	1.73	6.78	3.94	27.27	1.30	25.97			.54
1924	37	17	40	28.0	5.15	5.15	1.36	.48	.14	1.41	1.68	7.16	2.56	25.09	1.54	23.55			.59
1925	21	33	37	33.0	4.47	4.83	1.08	.54	.10	.42	1.68	7.50	3.37	23.99	1.12	22.87			.62
1927	33	22	35	34.0	4.57	4.70	1.36	.08	-----	.52	1.68	6.10	2.70	21.71	.98	20.73			.59
California:†																			
1922	15	130	44	35.0	4.02	5.60	5.26	.65	-----	.22	2.48	4.95	3.40	26.58	.80	25.78			.59
1923	25	65	35	32.5	4.04	5.36	1.37	.27	.02	.26	1.81	5.09	3.12	21.34	1.50	19.84			.57
1925	16	64	37	34.7	3.70	5.18	2.01	.47	-----	.30	2.33	5.98	2.94	22.91	3.09	19.82			.54
United States average:‡																			
1922	2,601	24	33	29.8	3.53	4.34	1.57	.16	.81	.73	1.40	5.12	1.53	19.19	1.79	17.40			.53
1923	8,481	26	35	31.9	3.64	4.47	1.47	.28	.67	.80	1.38	5.18	2.34	20.23	2.15	18.08			.52
1924	5,509	26	38	35.7	3.66	4.77	1.46	.23	.65	.85	1.49	5.47	2.36	20.94	2.01	18.93			.50
1925	4,675	26	37	33.2	3.61	4.68	1.44	.25	.66	.63	1.46	5.77	2.49	20.99	1.98	19.01			.51
1926	4,045	27	34	28.2	3.42	4.32	1.33	.21	.61	.59	1.35	5.48	2.38	19.79	1.80	17.99			.53
1927	3,590	26	34	34.6	3.49	4.37	1.31	.22	.64	.63	1.47	5.61	2.45	20.19	1.72	18.47			.54

Rearranged from reports of the Division of Farm Management and Costs.

* Years not specified included in total. (See explanation given in footnote †.)

† Including records from States in which there were not enough reports to show State averages, as follows: 1922, 30 records from New Hampshire, Massachusetts, New Jersey, Florida, Louisiana, New Mexico, Arizona; 1923, 45 records from New Hampshire, Massachusetts, Connecticut, Florida, Louisiana, Arizona; 1924, 66 records from New Hampshire, Massachusetts, Connecticut, Florida, Louisiana, New Mexico, Arizona, California; 1925, 18 records from New Hampshire, Connecticut, Florida, Louisiana, New Mexico and Nevada; 1926, 166 records from New Hampshire, Vermont, Massachusetts, Connecticut, Delaware, Florida, Kentucky, Alabama, Mississippi, Louisiana, Arkansas, Wyoming, New Mexico; Washington, Oregon and California; 1927, 74 records from New Hampshire, Vermont, Connecticut, Delaware, Florida, Alabama, Arkansas, New Mexico, Utah, Nevada, and California.

TABLE 17.—Oats: Cost of production, by yield groups, 1923-1927

1923

Yield group and bushels per acre	Reports	Average acreage in oats per farm	Average yield per acre	Gross cost per acre to—										Credit per acre (straw)	Net cost		
				Prepare and plant	Harvest ¹	Market	Miscellaneous labor ²	Fertilizer and manure	Seed	Land rent	Miscellaneous costs ³	Total	Per acre		Per bushel		
																Dollars	Dollars
All States:	<i>Number</i>	<i>Acres</i>	<i>Bushels</i>														
17 and under.....	692	22	12	3.29	3.26	1.04	0.26	1.43	1.32	3.48	1.91	15.99	1.45	14.54	1.21		
18 to 22.....	899	20	20	3.26	3.70	1.13	.23	1.15	1.26	3.96	1.92	16.61	1.65	14.96	.75		
23 to 27.....	856	22	25	3.51	3.86	1.28	.17	1.38	1.32	4.38	2.17	18.07	1.94	16.13	.65		
28 to 32.....	1,497	26	30	3.51	4.23	1.43	.23	1.29	1.33	4.74	2.26	19.02	1.98	17.04	.57		
33 to 37.....	919	29	35	3.63	4.46	1.43	.24	1.39	1.33	5.15	2.40	20.03	2.27	17.76	.51		
38 to 42.....	1,552	27	40	3.71	4.74	1.62	.25	1.60	1.40	5.69	2.51	21.52	2.35	19.17	.48		
43 to 47.....	470	32	45	3.92	5.08	1.67	.29	1.62	1.40	6.01	2.70	22.69	2.51	20.18	.45		
48 to 52.....	809	28	50	3.98	5.39	1.65	.37	1.73	1.45	6.58	2.76	23.91	2.65	21.26	.43		
53 to 57.....	163	30	55	4.08	5.31	1.44	.28	1.50	1.46	6.70	2.87	23.64	2.39	21.25	.39		
58 to 62.....	276	24	60	4.14	5.93	1.96	.59	1.89	1.50	6.98	3.06	26.05	3.33	22.72	.38		
63 and over.....	203	18	73	5.01	7.35	1.86	.98	2.91	1.69	8.70	4.12	32.62	3.62	29.00	.40		

1924

All States:																	
17 and under.....	343	20	11	3.21	3.30	1.07	0.16	0.93	1.35	3.49	1.77	15.28	0.87	14.41	1.31		
18 to 22.....	481	21	20	3.22	3.87	1.20	.17	1.31	1.37	3.90	1.88	16.92	1.48	15.44	.77		
23 to 27.....	451	22	25	3.41	3.98	1.24	.20	1.36	1.46	4.52	1.86	18.03	1.69	16.34	.65		
28 to 32.....	903	25	30	3.68	4.39	1.33	.22	1.46	1.44	4.87	2.32	19.71	1.92	17.79	.59		
33 to 37.....	552	25	35	3.62	4.59	1.40	.13	1.40	1.49	4.92	2.36	19.91	1.94	17.97	.51		
38 to 42.....	1,033	28	40	3.88	4.96	1.52	.25	1.71	1.56	5.59	2.54	22.01	2.39	19.62	.49		
43 to 47.....	376	30	45	3.73	4.89	1.59	.22	1.29	1.52	6.23	2.48	21.95	2.21	19.74	.44		
48 to 52.....	684	29	50	3.71	5.35	1.61	.26	1.59	1.55	6.78	2.66	23.51	2.13	21.38	.43		
53 to 57.....	167	28	55	3.59	5.43	1.56	.17	1.34	1.55	6.93	2.86	23.43	2.63	20.80	.38		
58 to 62.....	288	29	60	3.92	5.91	1.60	.29	2.12	1.54	7.07	2.32	24.77	2.31	22.46	.37		
63 and over.....	231	24	73	4.26	6.63	1.79	.35	1.92	1.63	7.12	2.94	26.64	2.80	23.84	.33		

1925

All States:																	
17 and under.....	423	20	11	3.16	3.15	0.82	0.23	0.81	1.35	3.85	1.85	15.22	0.92	14.30	1.30		
18 to 22.....	457	24	20	3.15	3.60	1.06	.23	.93	1.37	4.38	1.96	16.68	1.28	15.40	.77		
23 to 27.....	387	26	25	3.29	3.77	1.15	.21	1.12	1.39	4.60	2.00	17.53	1.46	16.07	.64		

28 to 32	644	29	30	3.32	4.18	1.20	.19	1.14	1.41	5.18	2.10	18.72	1.71	17.01	.57
33 to 37	393	28	35	3.74	4.59	1.56	.24	1.26	1.44	5.22	2.40	20.25	2.04	18.21	.52
38 to 42	826	27	40	3.76	4.90	1.49	.24	1.61	1.51	6.07	2.79	22.37	2.27	20.10	.50
43 to 47	273	29	45	3.72	5.07	1.52	.23	1.52	1.49	6.39	2.50	22.44	2.25	20.19	.45
48 to 52	631	29	50	4.01	5.55	1.68	.30	1.48	1.53	6.53	2.95	24.33	2.45	21.85	.44
53 to 57	152	32	55	3.87	5.18	1.81	.26	1.70	1.54	6.99	3.10	24.45	2.84	21.61	.39
58 to 62	262	27	60	3.80	5.62	1.81	.30	1.08	1.49	7.13	2.89	24.12	2.53	21.79	.36
63 and over	227	24	72	4.30	6.75	2.08	.51	1.49	1.69	8.25	3.26	28.33	3.06	25.27	.35

1926

All States:															
17 and under	575	34	9	2.83	2.53	0.79	0.13	0.56	1.17	3.47	1.73	13.21	0.87	12.34	1.37
18 to 22	455	29	20	2.93	3.38	.93	.15	.78	1.26	4.37	1.83	15.63	1.11	14.52	.73
23 to 27	365	25	25	3.23	4.17	1.14	.19	1.42	1.37	4.98	2.22	18.72	1.39	17.33	.69
28 to 32	617	29	30	3.36	4.41	1.24	.15	1.02	1.36	4.99	2.28	18.81	1.79	17.02	.57
33 to 37	342	27	35	3.15	4.33	1.32	.13	1.20	1.36	5.63	2.22	19.34	1.78	17.56	.50
38 to 42	650	27	40	3.77	4.89	1.46	.19	1.45	1.43	6.09	2.66	21.94	2.20	19.74	.49
43 to 47	217	27	45	4.07	5.20	1.44	.24	1.58	1.40	6.37	2.54	22.84	2.52	20.32	.45
48 to 52	384	25	50	3.74	5.31	1.66	.25	1.50	1.42	6.76	2.71	23.35	2.38	20.97	.42
53 to 57	101	21	55	3.68	5.57	1.56	.13	1.42	1.36	7.13	2.92	23.77	2.88	20.89	.38
58 to 62	184	20	60	3.99	5.85	1.95	.64	1.48	1.43	7.69	3.31	26.34	2.34	24.00	.40
63 and over	155	21	74	4.22	7.02	2.02	.58	2.27	1.50	7.87	3.56	29.04	2.83	26.21	.35

1927

All States:															
17 and under	416	25	11	2.78	2.67	0.58	0.20	0.68	1.36	4.06	1.83	14.16	0.74	13.42	1.22
18 to 22	416	26	20	3.05	3.69	.97	.16	1.33	1.41	4.62	2.11	17.34	1.23	16.11	.81
23 to 27	329	28	25	3.28	3.92	1.07	.18	1.08	1.36	4.84	2.22	17.95	1.27	16.68	.67
28 to 32	583	30	30	3.27	4.09	1.21	.14	1.15	1.42	5.39	2.32	18.99	1.47	17.52	.58
33 to 37	391	31	35	3.40	4.44	1.30	.18	1.15	1.51	5.62	2.40	20.00	1.86	18.14	.52
38 to 42	613	27	40	3.70	4.66	1.50	.21	1.42	1.52	5.90	2.56	21.47	2.06	19.41	.49
43 to 47	200	24	45	4.22	5.02	1.74	.14	1.46	1.50	6.41	2.64	23.13	2.27	20.86	.46
48 to 52	359	21	50	4.02	5.69	1.75	.28	1.59	1.55	6.81	2.95	24.64	2.37	22.27	.45
53 to 57	71	21	55	4.19	5.09	2.04	.36	1.59	1.57	6.36	3.14	24.34	3.72	20.62	.37
58 to 62	115	20	60	4.34	5.90	1.93	.41	2.02	1.59	7.28	2.98	26.45	2.53	23.92	.40
63 and over	97	19	73	4.47	6.68	2.28	1.09	1.77	1.82	10.16	3.73	32.00	2.49	29.51	.40

Division of Farm Management and Costs. From returns to mail inquiry sent to crop reporters.

1 Threshing is included under harvesting.

2 Includes miscellaneous labor, irrigating and water, seed treatment, and material. 1923 includes miscellaneous labor, spraying, and spraying material.

3 Sacks and twine, crop insurance, use of implements, use of storage buildings, and overhead.

TABLE 18.—Oats, white, red, gray, black, and mixed: Requirements for United States official classes and grades

Grade	Condition and general appearance ¹	Minimum test weight per bushel	Sound cultivated oats not less than—	Maximum limits of—			
				Heat damaged (oats or other grains)	Foreign materials	Wild oats	Other colors, cultivated and wild oats
No. 1 ¹	Shall be cool and sweet and of good color.	Pounds 32	Per cent 98	Per cent 0.1	Per cent 2	Per cent 2	Per cent ² 2
No. 2.....	Shall be cool and sweet, and may be slightly stained.	29	95	.3	2	3	' 5
No. 3.....	Shall be cool and sweet, and may be stained or slightly weathered.	26	90	1.0	3	5	10
No. 4.....	Shall be cool, and may be musty, weathered, or badly stained.	23	80	6.0	5	10	10
Sample.....	(?).....						

Department of Agriculture Handbook of Official Grain Standards. Revised January, 1928.

¹ The percentage of moisture in grades Nos. 1, 2, and 3 shall not exceed 14½, and in grade No. 4 shall not exceed 16.

² In the case of white oats, No. 1 shall be cool and sweet and of good white or creamy white color.

³ 4 per cent of other colors allowed in No. 1 red, gray, or black oats. This column does not apply to mixed oats.

⁴ 10 per cent of other colors allowed in No. 2 red, gray, or black oats.

⁵ Shall be white, red, gray, black, or mixed oats, respectively, which do not come within the requirements of any of the grades from No. 1 to No. 4, inclusive, or which have any commercially objectionable foreign odor, or are heating, hot, sour, or are otherwise of distinctly low quality.

TABLE 19.—Oats: Premiums and discounts per bushel for grades deliverable on future contracts at specified markets

[Discounts denoted by minus (–) sign; premiums denoted by plus (+) sign. Grades deliverable at contract price denoted by zero (0)]

Grade	Chicago	Milwaukee	Kansas City	St. Louis	Minneapolis
No. 1, white.....	Cents +½	Cents +½	Cents +1½	Cents 0	Cents +½
No. 2, white.....	0	0	+1½	0	0
No. 3, white.....	–1½	–1½	0	–1½	–1½

Grain Futures Administration. Revised to Mar. 1, 1927.

TABLE 20.—Oats futures: Volume of trading in principal futures, Chicago Board of Trade, by months, July 1, 1924, to December 31, 1928

[In thousands of bushels—i. e., 000 omitted]

Year and month	July futures	September futures	December futures	May futures	Other futures	All futures
1924						
July.....	7,687	89,946	50,120	8,364	-----	156,117
August.....	-----	70,924	139,548	38,827	-----	249,299
September.....	-----	12,235	90,873	68,789	-----	171,897
October.....	3,104	-----	106,521	188,406	130	298,161
November.....	5,423	-----	41,648	128,275	-----	175,346
December.....	18,226	5	11,898	342,260	15	372,404
1925						
January.....	38,201	24,357	-----	263,591	20	326,169
February.....	59,208	33,721	-----	217,515	-----	310,444
March.....	74,130	41,544	-----	189,374	45	305,093
April.....	86,307	28,972	-----	104,052	340	219,671
May.....	68,946	41,030	2,342	26,010	5	138,333
June.....	52,391	150,206	59,025	-----	35	261,657
Total.....	413,623	492,940	501,975	1,575,463	500	2,984,591

TABLE 20.—Oats futures: Volume of trading in principal futures, Chicago Board of Trade, by months, July 1, 1924, to December 31, 1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Year and month	July futures	September futures	December futures	May futures	Other futures	All futures
1925						
July.....	10,009	55,710	31,011	2,504	-----	99,333
August.....	-----	52,865	60,750	21,670	-----	135,285
September.....	-----	14,847	50,877	37,623	-----	109,347
October.....	57	-----	23,529	27,117	70	50,773
November.....	1,721	-----	30,315	44,738	12	82,789
December.....	10,109	-----	19,580	118,597	-----	148,376
1926						
January.....	6,768	88	-----	34,857	-----	41,713
February.....	8,526	1,742	-----	42,971	30	53,209
March.....	17,008	4,242	-----	54,844	-----	76,094
April.....	43,900	13,964	-----	59,159	-----	117,083
May.....	25,649	14,091	487	10,443	-----	50,670
June.....	44,943	41,805	12,663	-----	-----	99,411
Total.....	168,843	100,363	241,212	454,613	112	1,064,143
1926						
July.....	7,293	52,234	34,969	271	-----	94,767
August.....	-----	38,602	53,243	18,488	55	110,388
September.....	-----	7,549	42,894	20,071	-----	70,514
October.....	67	-----	32,154	20,316	93	52,630
November.....	3,049	-----	43,966	42,290	-----	89,305
December.....	9,775	-----	16,428	121,891	-----	148,094
1927						
January.....	8,848	2,051	-----	41,897	101	52,897
February.....	12,722	4,049	-----	48,481	25	65,277
March.....	19,946	8,187	-----	57,247	-----	85,380
April.....	30,759	9,784	-----	46,795	-----	87,338
May.....	98,343	48,938	-----	14,166	-----	161,447
June.....	50,934	89,417	-----	-----	45	140,396
Total.....	241,736	260,811	223,654	431,913	319	1,158,433
1927						
July.....	8,718	53,715	18,403	-----	-----	80,836
August.....	-----	44,990	86,951	142	9,398	141,481
September.....	-----	11,099	62,508	1,171	14,807	89,585
October.....	-----	-----	30,088	11,505	9,945	60,538
November.....	-----	-----	36,654	39,060	9,868	85,582
December.....	467	-----	12,365	109,560	12,954	135,340
1928						
January.....	6,102	20	-----	44,549	6,170	56,841
February.....	4,366	91	-----	35,422	4,796	44,675
March.....	13,399	6,656	-----	73,102	3,192	96,349
April.....	44,081	26,354	-----	63,286	-----	133,721
May.....	63,919	36,583	89	26,065	-----	126,656
June.....	31,826	20,428	4,422	-----	-----	56,676
Total.....	172,878	100,936	260,480	403,862	71,130	1,108,286
1928						
July.....	20,662	30,899	15,960	-----	-----	67,521
August.....	-----	33,925	33,303	4,783	-----	77,720
September.....	-----	11,762	24,639	7,870	-----	48,841
October.....	-----	-----	18,275	12,496	-----	33,955
November.....	-----	-----	16,942	20,146	-----	40,662
December.....	-----	-----	10,260	23,106	-----	37,692

Grain Futures Administration.

TABLE 21.—Oats futures: Volume of trading, six markets, by calendar years, 1921-1928

Market	1921		1922		1923		1924	
	Volume	Per-centage of total	Volume	Per-centage of total	Volume	Per-centage of total	Volume	Per-centage of total
Chicago Board of Trade.....	1,000 bushels 2,653,088	Per cent 89.29	1,000 bushels 1,559,923	Per cent 88.10	1,000 bushels 788,303	Per cent 87.82	1,000 bushels 1,766,940	Per cent 91.16
Chicago Open Board of Trade.....	55,997	1.88	12,659	.72	4,744	.53	14,077	.73
Minneapolis Chamber of Commerce.....	237,679	8.00	173,962	9.83	92,289	10.28	143,670	7.41
Kansas City Board of Trade.....	7,882	.25	8,586	.48	2,375	.27	1,727	.09
St. Louis Merchants Exchange.....	1,710	.06	3,080	.17	625	.07	(¹)	.....
Milwaukee Chamber of Commerce.....	15,353	.52	12,339	.70	9,270	1.03	11,907	.61
Total.....	2,971,809	100.00	1,770,549	100.00	897,606	100.00	1,938,321	100.00

Market	1925		1926		1927		1928	
	Volume	Per-centage of total	Volume	Per-centage of total	Volume	Per-centage of total	Volume	Per-centage of total
Chicago Board of Trade.....	1,000 bushels 2,187,270	Per cent 85.85	1,000 bushels 1,003,938	Per cent 77.99	1,000 bushels 1,185,908	Per cent 85.88	1,000 bushels 821,209	Per cent 80.04
Chicago Open Board of Trade.....	12,700	.50	9,430	.73	16,116	1.16	7,754	.84
Minneapolis Chamber of Commerce.....	320,360	12.93	256,378	19.92	165,535	11.99	84,867	9.20
Kansas City Board of Trade.....	4,885	.19	3,260	.25	227	.02	(¹)	.....
St. Louis Merchants Exchange.....	(¹)	.....	(¹)	.....	(¹)	.....	(¹)	.....
Milwaukee Chamber of Commerce.....	13,627	.53	14,315	1.11	13,087	.95	8,507	.92
Total.....	2,547,842	100.00	1,287,321	100.00	1,380,933	100.00	922,337	100.00

Compiled from records of the Grain Futures Administration.

¹ No trading.

TABLE 22.—Oats: Estimated marketings by farmers, United States, by months, 1917-1927

Year beginning July	Percentage of year's receipts													Season
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June		
1917.....	P. ct. 4.7	P. ct. 16.4	P. ct. 13.5	P. ct. 11.1	P. ct. 7.7	P. ct. 7.8	P. ct. 8.3	P. ct. 8.0	P. ct. 7.1	P. ct. 6.5	P. ct. 4.0	P. ct. 4.9	P. ct. 100.0	
1918.....	8.0	19.6	11.9	9.9	7.2	6.7	6.7	4.5	5.5	6.3	7.0	6.7	100.0	
1919.....	14.4	18.4	10.1	9.2	5.8	8.3	8.2	6.6	4.9	4.3	5.2	4.6	100.0	
1920.....	8.3	18.7	13.8	9.5	5.5	5.8	6.6	6.6	6.0	4.6	6.8	7.9	100.0	
1921.....	15.1	16.5	11.8	7.9	5.3	6.1	7.3	6.9	5.6	4.3	7.2	6.0	100.0	
1922.....	8.9	15.7	11.9	10.1	7.8	8.6	7.4	7.1	6.5	4.7	5.4	5.9	100.0	
1923.....	7.0	17.7	14.1	11.5	6.8	7.6	7.7	7.9	5.2	4.8	4.8	4.9	100.0	
1924.....	14.0	20.7	17.8	11.5	5.6	4.8	4.7	3.5	3.9	3.9	5.0	4.6	100.0	
1925.....	10.4	22.4	13.1	9.3	6.3	6.8	6.1	6.2	5.1	4.2	4.5	5.6	100.0	
1926.....	10.7	21.8	11.7	8.7	5.8	6.4	6.1	6.7	5.6	4.4	5.5	6.4	100.0	
1927.....	9.3	22.7	13.8	9.7	5.7	6.7	6.3	6.3	6.2	3.8	4.1	5.4	100.0	

Compiled from reports of the Division of Crop and Livestock Estimates, as reported by about 3,500 mills and elevators.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 51

TABLE 23.—Oats: Classification of cars graded by licensed inspectors, all inspection points, 1919-1927

TOTAL OF ALL CLASSES UNDER EACH GRADE, ANNUAL INSPECTIONS

Year beginning August, and class	Receipts of grade stated						Shipments of grade stated					
	1	2	3	4	Sample	Total	1	2	3	4	Sample	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1919	5,652	51,006	94,497	15,805	3,537	170,497	2,929	38,800	62,284	4,094	690	108,797
1920	8,803	60,169	73,072	14,766	6,831	163,641	3,600	45,099	31,811	2,821	2,220	85,551
1921	2,519	31,643	105,103	31,774	6,664	177,703	2,384	49,117	72,955	4,305	1,675	130,436
1922	2,548	47,348	95,984	17,004	4,640	167,524	1,738	45,583	62,601	6,112	1,235	117,249
1923	2,724	41,530	90,759	22,643	11,307	168,963	1,263	34,056	49,152	6,659	2,620	93,750
1924	1,489	33,631	110,377	24,580	14,853	184,930	601	31,348	70,439	8,874	5,978	117,240
1925	2,197	53,587	75,634	17,989	6,200	155,607	1,376	47,896	54,689	4,332	2,861	111,124
1926	1,465	19,692	49,581	28,548	17,695	116,981	986	20,470	45,846	10,959	5,288	83,549
1927	2,838	29,109	64,444	19,397	5,728	121,513	2,456	21,834	48,517	7,406	2,018	82,231

TOTAL INSPECTIONS, BY GRADE AND CLASS, AUGUST 1, 1927, TO JULY 31, 1928

Class:	1	2	3	4	Sample	Total	1	2	3	4	Sample	Total
White	1,122	23,509	61,816	18,751	5,081	109,776	773	19,395	47,479	7,313	1,546	76,506
Red	327	3,546	2,103	498	187	6,661	82	1,800	547	74	8	2,511
Gray	27	35	32	14	11	119	0	4	2	0	0	6
Black	0	2	0	0	0	2	0	0	0	0	0	0
Mixed	17	374	230	134	84	830	53	68	28	19	22	190
Feed oats	504	434	364	-----	193	1,495	332	168	113	-----	221	834
Mixed feed oats	841	1,209	309	-----	172	2,621	1,216	399	348	-----	221	2,184

TOTAL OF ALL CLASSES UNDER EACH GRADE, AS A PERCENTAGE OF ANNUAL INSPECTIONS

	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
1919	3.3	30.0	55.4	9.2	2.1	100	2.7	35.7	57.2	3.8	0.6	100
1920	5.4	36.8	44.6	9.0	4.2	100	4.2	52.7	37.2	3.3	2.6	100
1921	1.4	17.8	59.1	17.9	3.8	100	1.8	37.7	55.9	3.3	1.3	100
1922	1.5	23.3	57.3	10.1	2.8	100	1.5	38.9	53.4	5.2	1.0	100
1923	1.6	24.6	53.7	13.4	6.7	100	1.4	36.3	52.4	7.1	2.8	100
1924	.8	18.2	59.7	13.3	8.0	100	.5	26.7	60.1	7.6	5.1	100
1925	1.4	34.4	48.6	11.6	4.0	100	1.2	43.1	49.2	3.9	2.6	100
1926	1.3	16.8	42.4	24.4	15.1	100	1.2	24.5	54.9	13.1	6.3	100
1927	2.3	24.0	15.0	16.0	4.7	100	-----	-----	-----	-----	-----	-----

PERCENTAGE OF TOTAL INSPECTIONS BY GRADE AND CLASS, AUGUST 1, 1927, TO JULY 31, 1928

Class:	1	2	3	4	Sample	Total	1	2	3	4	Sample	Total
White	1.0	21.4	55.9	17.1	4.6	100	1.0	25.3	62.1	9.6	2.0	100
Red	4.9	53.2	31.6	7.5	2.8	100	3.3	71.7	21.8	2.9	.3	100
Gray	22.7	29.4	26.9	11.8	9.2	100	0	66.7	33.3	0	0	100
Black	0	100.0	0	0	0	100	0	0	0	0	0	0
Mixed	2.0	44.6	27.4	16.0	10.0	100	27.9	35.8	14.7	10.0	11.6	100
Feed oats	33.7	28.9	24.5	-----	12.9	100	39.8	20.1	13.6	-----	26.5	100
Mixed feed oats	32.1	46.1	15.2	-----	6.6	100	55.7	18.3	15.9	-----	10.1	100

Grain Division.

¹ Includes feed oats and mixed feed oats.

TABLE 25.—Oats: Receipts and shipments, 10 primary markets, 1909-1928—Con.
[In thousands of bushels—i. e., 000 omitted]

Year beginning August	Chicago		Milwaukee		Minneapolis		Duluth		St. Louis		Toledo	
	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments
1928												
January.....	3, 202	2, 378	458	402	1, 854	1, 499	40	26	1, 856	1, 502	8, 336	4, 047
February.....	4, 802	2, 038	281	570	1, 555	1, 780	29	10	1, 798	2, 064	285	76
March.....	4, 854	2, 432	368	559	2, 341	3, 365	77	20	1, 850	2, 068	221	384
April.....	4, 716	3, 513	1, 189	672	1, 600	4, 009	77	-----	1, 092	1, 704	143	96
May.....	7, 132	4, 737	600	1, 511	1, 594	3, 973	130	506	1, 410	1, 434	396	250
June.....	2, 333	2, 399	256	776	1, 134	1, 851	110	152	1, 164	1, 268	-----	-----
July.....	2, 630	1, 869	267	200	856	911	11	28	1, 262	632	135	44
August.....	10, 446	5, 074	1, 653	301	2, 956	418	105	-----	3, 286	2, 758	1, 507	356
September.....	4, 014	3, 734	716	1, 513	2, 642	1, 065	843	348	1, 532	1, 103	715	320
October.....	3, 541	1, 996	949	826	2, 317	3, 207	702	675	2, 020	1, 562	588	233
November.....	2, 358	1, 737	401	728	1, 690	1, 039	731	1, 210	1, 846	1, 328	324	174
December.....	3, 642	2, 047	729	454	1, 940	2, 192	185	-----	1, 668	1, 348	375	180

Year beginning August	Kansas City		Peoria		Omaha		Indianapolis		Total	
	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments	Re-ceipts	Ship-ments
Average:										
1909-1913.....	7, 414	6, 089	10, 329	11, 755	12, 330	12, 080	7, 530	-----	208, 920	172, 976
1914-1920.....	10, 242	7, 147	12, 366	11, 802	15, 780	14, 967	14, 531	-----	273, 759	219, 593
1921-1925.....	9, 858	5, 532	12, 750	11, 323	14, 676	15, 390	10, 831	9, 131	225, 815	187, 159
1909.....	5, 745	4, 798	11, 261	12, 186	10, 732	8, 584	6, 098	-----	180, 360	149, 090
1910.....	6, 280	4, 066	10, 129	10, 895	9, 877	8, 923	8, 259	-----	206, 388	163, 752
1911.....	6, 018	5, 070	6, 659	8, 738	9, 045	9, 468	5, 051	-----	160, 419	130, 183
1912.....	7, 704	5, 482	11, 446	13, 187	14, 999	14, 603	11, 111	-----	266, 959	208, 696
1913.....	11, 324	11, 031	12, 150	13, 768	16, 996	18, 823	7, 132	-----	230, 474	213, 158
1914.....	7, 338	6, 107	11, 189	11, 728	13, 681	13, 614	7, 542	-----	271, 488	246, 057
1915.....	4, 882	2, 583	11, 363	11, 837	11, 863	11, 028	14, 514	5, 275	301, 420	252, 701
1916.....	10, 068	7, 752	13, 563	11, 150	18, 217	17, 302	14, 727	10, 991	297, 302	244, 613
1917.....	18, 344	12, 825	20, 170	17, 542	23, 692	21, 946	19, 508	13, 707	333, 423	251, 209
1918.....	16, 687	11, 342	9, 259	8, 981	20, 662	20, 559	14, 436	6, 767	265, 051	232, 563
1919.....	7, 614	6, 178	11, 679	13, 254	13, 018	12, 110	14, 480	13, 486	207, 876	167, 523
1920.....	6, 772	4, 239	9, 340	8, 121	9, 328	8, 120	16, 504	15, 614	209, 665	142, 393
1921.....	7, 253	4, 204	13, 485	11, 595	10, 964	10, 108	12, 835	9, 292	215, 715	180, 955
1922.....	10, 725	5, 457	15, 047	15, 353	14, 880	15, 730	10, 582	9, 464	224, 104	201, 154
1923.....	11, 075	6, 280	13, 406	11, 858	18, 385	21, 006	11, 800	9, 625	210, 072	181, 046
1924.....	8, 100	4, 629	11, 164	8, 960	16, 023	17, 537	10, 728	9, 622	261, 562	197, 412
1925.....	11, 477	6, 992	9, 749	8, 847	13, 124	12, 568	8, 212	7, 654	207, 723	175, 228
1926.....	3, 814	2, 432	8, 256	5, 628	6, 636	8, 348	9, 296	8, 288	140, 031	120, 353
1927.....	4, 308	2, 820	8, 907	7, 156	8, 858	9, 444	8, 760	7, 838	155, 277	121, 439
1927										
August.....	626	246	1, 338	567	984	458	1, 066	1, 032	24, 354	8, 246
September.....	504	348	488	390	858	830	828	708	14, 930	9, 478
October.....	560	264	581	564	1, 196	616	734	770	12, 939	10, 880
November.....	436	196	711	616	690	574	702	614	11, 363	9, 783
December.....	192	258	652	475	538	518	443	342	10, 323	7, 469
1928										
January.....	274	308	704	610	670	728	570	558	18, 054	12, 958
February.....	334	344	776	679	704	640	846	724	11, 470	8, 925
March.....	368	334	1, 139	1, 001	1, 186	1, 474	998	1, 178	13, 402	12, 961
April.....	204	274	992	793	628	1, 388	712	662	12, 048	13, 111
May.....	314	130	857	785	740	1, 424	404	446	13, 646	15, 196
June.....	188	54	608	580	394	622	324	262	6, 571	7, 964
July.....	278	64	-----	-----	210	172	528	542	6, 177	4, 468
August.....	476	278	1, 094	479	652	412	4, 408	2, 786	26, 583	12, 882
September.....	520	206	610	303	674	430	1, 470	1, 100	13, 736	10, 122
October.....	512	214	582	425	504	598	1, 226	1, 146	12, 941	10, 882
November.....	408	154	625	490	578	436	532	724	9, 553	8, 926
December.....	414	156	734	416	746	502	620	632	11, 053	7, 927

Compiled from the following sources: Chicago, Duluth, Indianapolis, and Kansas City, annual reports of board of trade, August, 1909-December, 1927; Omaha, Omaha Grain Exchange, August, 1909-December, 1923; St. Louis, Trade and Commerce as reported to the Merchants Exchange, August, 1909-December, 1923; Milwaukee and Minneapolis, annual reports of chamber of commerce, August, 1909-December, 1927; Peoria and Toledo, American Elevator and Grain Trade.
Subsequently all markets from American Elevator and Grain Trade.

¹ Beginning January, 1928, figures are subject to revision.

TABLE 27.—Oats: Estimated farm stocks, quality, and supply of the crop, and quantity shipped out of county where grown, 1897-1928

Year beginning August	Old stocks on farms Aug. 1 ¹	Crop			Total supplies ⁴	Stocks on farms Mar. 1 following ¹	Shipped out of county where grown ¹
		Quantity	Weight per bushel ²	Quality ³			
	1,000 bush.	1,000 bush.	Pounds	Per cent	1,000 bush.	1,000 bush.	1,000 bush.
1897	80,153	791,442	30.5	87.6	871,595	309,043	245,469
1898	51,352	842,747	29.7	84.5	894,099	328,684	233,096
1899	59,060	925,555	31.3	89.5	984,615	338,383	274,146
1900	64,420	913,800	31.1	89.2	978,220	332,364	288,997
1901	55,128	778,392	30.7	83.7	833,520	241,506	152,962
1902	32,449	1,053,489	31.0	86.7	1,085,938	390,872	286,233
1903	78,598	869,350	29.7	79.9	947,948	304,128	250,192
1904	46,394	1,008,931	31.5	91.4	1,055,325	392,861	300,534
1905	62,872	1,090,236	32.7	92.4	1,153,108	437,300	319,871
1906	77,573	1,035,576	32.0	88.2	1,113,149	413,480	229,441
1907	73,196	805,108	29.4	77.0	878,304	258,104	221,147
1908	40,528	850,640	29.8	81.3	891,068	294,082	253,929
1909	27,478	1,068,289	32.7	91.4	1,095,767	385,705	343,968
1910	66,666	1,186,341	32.7	93.8	1,253,007	442,665	363,103
1911	67,801	922,298	31.1	84.6	990,099	289,989	285,944
1912	34,875	1,418,337	33.0	91.0	1,453,212	604,249	438,130
1913	103,916	1,121,768	32.1	89.1	1,225,684	419,481	297,365
1914	62,467	1,141,000	31.5	86.5	1,203,527	379,369	335,639
1915	55,607	1,549,030	33.0	87.5	1,604,637	598,148	465,823
1916	113,728	1,251,837	31.2	88.2	1,365,565	394,211	355,092
1917	47,834	1,592,740	33.4	95.1	1,640,574	599,208	514,117
1918	81,424	1,538,124	33.2	93.6	1,619,548	590,251	421,568
1919	93,045	1,184,030	31.1	84.7	1,277,075	409,730	312,364
1920	54,819	1,496,281	33.1	93.3	1,551,100	683,759	431,687
1921	161,108	1,078,341	28.3	74.7	1,239,449	411,934	258,259
1922	74,513	1,215,803	32.0	87.7	1,290,316	421,118	303,950
1923	70,965	1,305,883	32.1	87.9	1,376,848	447,366	322,971
1924	65,710	1,502,529	33.4	91.4	1,568,239	538,832	422,112
1925	90,179	1,487,550	32.9	91.7	1,577,729	571,248	364,407
1926	107,917	1,246,848	30.9	78.9	1,354,765	421,897	272,804
1927	61,237	1,182,594	30.4	80.3	1,243,831	373,167	229,089
1928 ⁵	42,315	1,449,531	32.6	89.1	1,491,835	501,321	312,056

Compiled from reports of the Division of Crop and Livestock Estimates. United States totals for stocks on farms were revised, 1897-1910, due to revisions of United States production. The sums for State figures over this period will not agree with these totals. See general note, Table 1.

¹ Based on percentage of crop as reported by crop reporters.

² Average weight per measured bushel as reported by crop reporters.

³ Percentage of a "high medium grade" as reported by crop reporters.

⁴ Crop plus stocks on farms Aug. 1.

⁵ Preliminary.

TABLE 28.—Oats: Stocks in the United States, August 1, and March 1, 1896-1928

[In thousands of bushels—i. e., 000 omitted]

Year	Aug. 1			Mar. 1 following		
	On farms ¹	Visible supply ²	Total	On farms ¹	Visible supply ²	Total
1896.....	119,318	10,384	129,702	346,557	20,832	367,389
1897.....	80,153	10,024	90,177	309,043	17,925	326,968
1898.....	51,352	4,966	56,318	328,684	14,782	343,466
1899.....	50,060	7,879	66,939	338,383	12,449	350,832
1900.....	64,420	9,364	73,784	332,364	16,800	349,164
1901.....	55,128	7,808	62,936	241,506	8,207	249,713
1902.....	32,449	2,988	35,437	390,872	12,437	403,309
1903.....	78,598	8,623	87,221	304,128	15,241	319,369
1904.....	40,394	4,044	50,438	392,861	21,903	414,764
1905.....	62,872	7,586	70,458	437,300	31,472	468,772
1906.....	77,573	7,509	85,082	413,480	15,664	429,144
1907.....	73,196	4,044	77,240	258,104	13,157	271,261
1908.....	40,528	2,696	43,224	294,082	14,416	308,498
1909.....	27,478	5,327	32,805	385,705	13,946	399,651
1910.....	66,666	5,124	71,790	442,665	21,625	464,190
1911.....	67,801	13,060	80,861	289,989	17,473	307,462
1912.....	34,875	1,572	36,447	604,249	16,041	620,290
1913.....	103,916	19,652	123,568	419,481	25,999	445,480
1914.....	62,467	8,062	70,529	379,369	37,477	416,846
1915.....	55,607	2,070	57,677	598,148	24,424	622,572
1916.....	113,728	11,582	125,310	394,211	40,883	435,094
1917.....	47,834	7,796	55,630	599,208	15,360	614,568
1918.....	81,424	10,081	91,505	590,251	31,267	621,518
1919.....	93,045	21,133	114,178	409,730	11,970	421,700
1920.....	54,819	4,398	59,217	683,759	37,391	721,150
1921.....	161,108	42,148	203,256	411,934	72,415	484,349
1922.....	74,513	38,224	112,737	421,118	29,937	451,055
1923.....	70,966	5,894	76,869	447,366	19,011	466,377
1924.....	65,710	3,922	69,632	538,832	76,519	615,351
1925.....	60,179	28,020	118,199	571,248	61,896	633,144
1926.....	107,917	34,489	142,406	421,807	44,625	466,432
1927.....	61,237	12,270	73,507	373,167	20,634	393,801
1928.....	42,315	2,525	44,829	501,321	16,819	518,140

¹ Bureau of Agricultural Economics.² Bradstreet's. Prior to March, 1905, stocks at a few Canadian points are included in the totals.

58 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 29.—Oats: Stocks on farms, August 1, by States, 1895-1928—Continued
[In thousands of bushels—i. e., 000 omitted]

Year	West Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma
1895	115	345	120	271	5	103	104	98	166	300	2	
1896	177	329	298	140		1,007	41	62	432	341		
1897	231	173	148	153	11	315	144	134	80	152	3	
1898	94	349	192	110	40	471	77	314	117	100	7	
1899	145	253	210	360	44	284	338	215	144	145	7	
1900	158	96	30	43	3	164	320	90	14	60	6	
1901	111	101	80	210	8	372	174	219	143	352	18	
1902	16	40	45	75	4	151	42	80	22	31	4	1 246
1903	108	94	28	44	13	178	55	74	230	116	1	1 382
1904	74	39	28	73	18	135	88	68	60	106	4	1 365
1905	126	98	65	63	18	164	72	118	47	115	2	1 320
1906	109	56	61	102	11	247	55	57	45	78	4	1 556
1907	122	63	71	84	6	288	110	120	49	76	10	1 984
1908	55	90	88	175	11	118	101	116	40	68	6	219
1909	27	40	80	57	3	50	62	51	22	63	5	79
1910	48	28	144	105	6	48	80	49	19	48	8	166
1911	55	60	233	199	8	109	173	183	46	245	34	816
1912	56	54	232	191	6	47	123	136	72	82	8	139
1913	115	72	209	220	22	73	112	146	63	66	10	640
1914	91	67	254	185	18	63	126	133	70	254	20	185
1915	52	66	225	315	14	74	121	214	37	125	16	302
1916	157	80	200	529	12	228	87	228	64	101	30	364
1917	48	68	135	503	14	69	55	105	32	37	10	145
1918	68	44	60	88	8	137	72	76	114	95	9	264
1919	173	76	330	110	16	96	81	41	64	99	10	150
1920	113	43	171	186	9	94	61	120	48	92	6	1,258
1921	324	68	184	181	14	395	99	177	44	145	23	3,812
1922	185	61	162	173	11	167	107	237	112	264	25	1,688
1923	207	92	146	85	7	94	82	222	71	66	25	600
1924	141	165	215	94	4	94	65	94	57	86	12	480
1925	72	46	105	64	2	109	37	28	12	50	2	750
1926	203	49	108	105	2	104	49	45	32	63	6	282
1927	232	68	105	109	0	254	276	47	18	53	0	750
1928	131	62	103	93	1	61	76	27	9	62	3	423

Year	Texas	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California
1895	600	220	93	12	81			69		160	484	270
1896	1,442	467	137	58	522			32		136	377	76
1897	633	244	117	33	78	18		77		60	77	91
1898	816	78	21	19	148	13		42		191	288	31
1899	1,056	99	13	16	153	8		68		65	198	39
1900	341	139	44	13	122	4		61		61	410	55
1901	848	154	41	6	131	7		28		91	66	59
1902	260	371	78	26	206	8		60	5	204	440	186
1903	520	580	328	9	135	13		86	8	462	291	67
1904	1,299	700	92	60	230	14	1	83	7	235	583	69
1905	717	574	106	95	314	4		61	6	133	358	114
1906	804	665	174	69	357	17		103	7	370	353	222
1907	1,432	408	263	40	346	17		148	15	508	645	258
1908	380	1,211	200	166	336	25		122	25	496	566	61
1909	217	264	61	71	141	10		79	8	138	181	27
1910	106	966	680	186	268	29	3	161	8	529	653	166
1911	795	1,171	798	149	589	23	5	183	6	400	527	326
1912	185	868	393	197	335	47	1	167	8	247	349	143
1913	685	2,285	783	600	819	61	4	291	30	315	411	234
1914	650	1,522	604	376	374	15	3	124	26	456	1,142	239
1915	225	742	365	315	650	40	3	166	37	419	510	192
1916	1,065	3,276	769	763	585	54	5	118	6	688	803	209
1917	428	878	267	306	239	28	2	134	12	243	432	32
1918	370	177	142	284	367	7	2	88	22	112	228	60
1919	222	408	95	584	264	6		122	11	84	135	140
1920	3,912	3	56	12	137	38	14	43		126	311	64
1921	1,311	586	178	393	546	67	7	364	6	391	1,095	180
1922	1,511	207	116	180	605	51	25	187	1	189	348	45
1923	402	1,267	123	98	185	17	6	201		79	200	52
1924	877	1,333	250	337	325	12	6	92	1	503	526	53
1925	989	1,217	112	142	133	6	1	45		108	198	2
1926	67	681	375	234	272	4	1	169	2	447	528	78
1927	2,510	667	119	168	117	30	5	65	0	148	176	76
1928	631	1,907	168	259	137	7	3	81	2	137	158	42

Compiled from records of the Division of Crop and Livestock Estimates. See general note on Table 1. The State figures shown in this table for 1895-1910, are the only State figures available for publication. The sum of these State figures over this period will not agree with the revised figures for the United States given in Table 27.

¹ Includes Indian Territory.

TABLE 31.—Oats: Visible supply in the United States, 1899-1928¹

[In thousands of bushels—i. e., 000 omitted]

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Average:												
1899-1908....	6,254	11,654	16,704	19,142	18,613	18,126	17,012	16,175	15,880	14,128	10,630	8,896
1909-1913....	8,947	20,384	24,864	24,673	23,884	21,088	19,556	18,997	17,816	13,228	10,836	10,795
1914-1920....	9,303	18,489	27,724	30,906	32,267	32,480	30,011	28,396	26,324	23,173	19,032	15,246
1921-1925....	23,642	36,887	50,458	54,622	53,036	54,101	53,574	51,956	46,404	38,878	30,056	20,909
1899 ²	7,879	10,973	13,127	13,254	11,789	12,004	11,876	12,449	14,176	13,845	12,301	12,716
1900 ²	9,364	13,853	17,140	20,528	18,136	16,326	16,175	16,800	16,823	16,824	14,989	15,275
1901 ²	7,808	10,603	14,445	12,899	10,109	8,680	8,537	8,207	6,608	5,010	4,571	2,420
1902 ²	2,988	5,159	11,873	10,061	10,401	8,794	8,727	12,437	12,194	9,992	7,160	6,588
1903 ²	8,623	11,714	10,876	13,332	13,995	13,785	14,774	15,241	15,377	12,955	7,936	6,786
1904 ²	4,044	19,607	31,553	33,963	34,103	31,343	25,749	21,903	22,667	19,395	11,325	11,174
1905.....	7,586	20,312	27,772	40,102	40,083	39,047	35,622	31,472	27,762	21,650	12,430	9,724
1906.....	7,509	13,087	15,855	17,275	20,011	19,766	18,034	15,664	14,435	15,970	14,276	10,287
1907.....	4,044	4,779	10,360	13,302	12,547	14,984	14,988	13,157	15,184	13,731	10,672	5,289
1908.....	2,696	6,450	14,045	16,102	14,958	16,531	15,640	14,416	14,581	11,911	10,337	8,619
1909.....	5,327	13,911	18,694	18,776	19,398	16,332	13,047	13,946	14,839	13,306	10,484	7,615
1910.....	5,124	27,558	28,749	20,308	24,510	24,504	24,232	21,525	18,032	14,538	14,177	16,408
1911.....	13,060	25,229	26,225	27,328	25,095	22,000	17,782	17,473	15,906	11,598	9,230	4,480
1912.....	1,672	5,928	13,003	13,904	14,950	12,619	13,283	16,041	17,058	11,570	10,016	16,778
1913.....	19,652	29,204	37,661	37,048	35,453	32,386	29,434	25,999	23,245	15,129	10,275	8,696
1914.....	8,062	24,452	31,913	37,742	38,636	38,269	39,048	37,477	30,477	25,772	14,915	5,298
1915.....	2,070	7,360	17,452	18,900	23,853	25,126	24,317	24,424	22,302	16,321	19,500	14,658
1916.....	11,682	31,512	44,218	51,760	53,313	53,645	46,837	40,853	38,251	31,412	18,957	10,429
1917.....	7,796	8,088	16,878	20,660	20,956	19,737	15,359	15,362	19,897	22,958	22,672	14,994
1918.....	10,081	22,090	30,277	26,859	33,294	39,410	34,436	31,267	26,098	23,740	17,090	19,747
1919.....	21,133	21,234	22,344	22,475	19,124	15,118	13,120	11,970	10,203	8,577	7,028	4,200
1920.....	4,398	14,689	30,983	37,939	36,690	36,096	36,958	37,301	37,042	33,429	32,450	37,399
1921.....	42,148	65,475	71,154	74,720	72,852	71,323	72,130	72,415	68,920	59,538	50,917	44,610
1922.....	38,224	40,073	37,458	35,783	34,887	34,725	33,165	29,937	26,180	23,585	14,492	9,234
1923.....	5,894	10,982	18,510	22,236	19,858	21,350	18,712	19,011	17,739	11,568	7,427	6,322
1924.....	3,922	13,210	55,208	71,157	71,997	76,343	77,579	76,519	64,943	50,995	37,520	35,611
1925.....	28,020	54,715	69,960	69,216	68,584	66,762	66,284	61,896	54,237	48,704	39,925	38,768
1926.....	34,489	45,538	50,194	49,732	49,947	46,341	46,890	44,625	38,155	30,298	21,004	18,110
1927.....	12,270	22,501	26,430	25,182	24,429	22,982	21,234	20,634	16,265	11,453	7,319	3,392
1928.....	2,525	15,687	18,004	17,882	16,935							

¹ As reported by Bradstreet's on Saturday nearest the first of month.

² Canada included.

1825				935							
1826				12,508							
1827				822							
1828				1,138							
1829				216							
1830				1,495							
1831				1,226							
1832				1,187							
1833				348							
1834				1,807							
1835				7,460							
1836				161,552							
1837				6,033							
1838				6,600							
1839				5,096							
1840				1,453							
1841				6,801							
1842				25,778							
Year ended June 30—											
1843 ¹				1,155							
1844				5,238							
1845				1,739							
1846				3,100			3,100				
1847				296		9,296	(?)				
1848				7,874		61,936	11,315				
1849				161,002		70,112	164,897				
1850				567,896		1,025,136	624,848				
1851				679,812		302,400	696,612				
1852				542,998		390,880	564,712				
1853				800,063		292,208	816,297				
1854				167,990		247,520	181,741				
1855				49,051		408,464	71,743				
1856				1,239,086		9,949	1,242,972				1,242,972
1857				2,467,635		57,871	2,470,850				2,470,850
1858				1,709,997		211,724	1,721,759				1,721,759
1859				3,293,156		120,683	3,299,861				3,299,861
1860				7,859,423		248,080	7,873,205				7,873,205
1861				4,099,430		120,064	4,106,100				4,105,752
1862				2,064,365		5,441,184	2,366,653			6,272	2,366,653
1863				3,502,661		3,122,896	3,676,155				3,676,155
1864		305,755	305,755	10,446,302		13,826,848	11,214,460				10,908,705
1865		331,542	331,542	4,794,219		5,934,544	5,123,916				4,792,374
1866		1,245,658	1,245,658	13,011,545		4,368,784	3,254,255				1,741,234
1867		825,895	825,895	14,681,604		1,947,344	789,790	250,986	294,784		1,199,378
1868		122,554	122,554	780,798		3,689,225	198,755	904,789	4,652,704		62,667
1869		481,871	481,871	326,659		2,728,544	478,245	36,831	22,512		13,825,119
1870		121,517	121,517	2,266,785		6,041,056	2,602,399	59,041			2,402,546
1871		147,572	147,572	599,514		5,224,800	889,781	78,336			737,123
1872		262,975	262,975	535,250		7,060,368	927,493	5,086			664,518
1873		714,072	714,072	225,555		1,097,264	286,514	0			427,558

Footnotes at end of table.

TABLE 32.—Oats, oatmeal, and oats including meal in terms of grain: Domestic exports, imports, reexports and net exports or net imports 1790-1928—Continued

Year ended June 30—Continued.	Domestic exports			Imports			Reexports		Net exports (oats, including meal)
	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal	
	<i>Bushels</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Pounds</i>	
1874	812,873		812,873	191,802	0	191,802	265		621,336
1875	504,770		504,770	1,500,040	0	1,500,040	0		995,270
1876	1,466,228		1,466,228	121,547	2,509,168	260,945	15,575		1,220,858
1877	2,854,128		2,854,128	41,597	2,013,646	153,466	2,387		2,703,049
1878	3,715,479		3,715,479	21,391	1,478,575	103,534	21,546		3,633,491
1879	5,452,136		5,452,136	13,395	885,160	62,571	0		5,389,565
1880	766,366		766,366	489,576	853,425	536,988	4,460		233,838
1881	402,904		402,904	64,412	915,696	115,284	2,174		289,794
1882	625,690		625,690	1,850,983	1,467,063	1,932,486	0		1,306,796
1883	461,496		461,496	815,017	1,253,582	884,660	4,300		418,864
1884	1,760,376	27,256,427	3,274,622	54,627	1,195,948	121,069	3,800	48	3,157,356
1885	4,191,692	36,205,413	6,203,104	34,397	1,078,486	94,310	7	0	6,108,801
1886	5,672,694	29,495,008	7,311,306	90,450	1,062,540	149,480	68,763	0	7,230,589
1887	440,283	16,818,330	1,374,635	87,380	939,502	139,575	0		1,235,060
1888	332,564	4,329,293	573,080	67,838	1,007,620	123,817	0	96,300	454,613
1889	624,226	10,210,413	1,191,471	22,310	1,965,433	131,501			1,059,970
1890	13,692,776	25,460,322	15,107,238	21,436	2,372,330	153,232	128	274,680	14,969,394
1891	953,010	7,736,873	1,382,836	9,692	578,809	41,848	0	294	1,341,004
1892	9,425,078	20,908,190	10,586,644	20,208	496,333	47,782	6,966	96	10,545,833
1893	2,380,643	5,762,701	2,700,793	21,309	506,232	49,433	0	71,900	2,655,354
1894	5,750,266	9,719,337	6,290,229	8,345	421,459	31,759	0	280	6,258,486
1895	569,977	20,499,253	1,708,824	308,308	396,176	330,318	0	577	1,378,538
1896	13,012,590	38,592,504	15,156,618	47,506	343,732	66,602	27,255	0	15,117,271
1897	35,096,736	47,310,251	37,725,083	46,459	1,525,409	131,204	19,202	630	37,613,116
1898	69,130,288	85,500,350	73,880,307	9,098	287,910	25,093	0	0	73,855,214
1899	30,309,778	58,042,505	33,534,362	11,500	298,764	28,098	0	0	33,506,264
1900	41,369,415	66,229,950	45,048,857	41,523	234,959	54,576	134	3,568	44,994,613
1901	37,146,812	92,198,138	42,268,931	20,735	204,694	32,107	0	0	42,236,824
1902	9,971,139	59,516,512	13,277,612	25,812	236,981	38,978	1,217	0	13,239,851
1903	4,613,809	67,823,935	8,381,805	137,416	227,681	150,065	1,250	428	8,233,014
1904	1,153,714	14,526,477	1,960,740	170,882	235,819	183,983	79,976	0	1,856,733
1905	5,479,308	52,476,917	8,394,692	38,773	304,668	55,699	0	3,258	8,339,174
1906	46,324,935	37,972,903	48,434,541	22,673	312,306	40,025	0	200	48,394,527
1907	4,014,042	42,701,257	6,386,334	74,552	301,266	91,289	83,627	2,075	6,378,787
1908	1,158,622	24,484,199	2,518,855	364,307	344,003	383,418	59,761	526	2,195,227

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1909.....	1,510,320	14,822,944	2,333,817	6,666,989	444,801	6,691,700	105,407	4,252,476
1910.....	1,685,474	15,538,535	2,548,726	1,034,511	520,677	1,063,437	218,289	1,703,578
1911.....	2,044,912	32,416,892	3,845,850	107,318	592,022	140,208	1,504	3,707,146
1912.....	2,171,503	9,112,433	2,677,749	2,622,357	676,773	2,659,955	12,350	30,144
1913.....	33,759,177	38,533,350	36,455,474	723,899	737,986	764,898	4,750	35,695,326
1914.....	1,859,949	15,998,286	2,748,743	22,273,624	1,066,777	22,332,889	726,297	18,857,849
1915.....	96,809,551	68,394,979	100,609,272	630,722	702,500	669,750	218,928	100,158,450
1916.....	95,918,884	54,748,747	98,960,481	665,314	988,900	720,253	407,750	98,647,978
1917.....	88,944,401	110,903,344	95,105,698	761,644	1,422,100	840,650	82,862	94,347,910
1918.....	105,837,309	346,559,435	125,090,611	2,591,077	5,826,300	2,914,760	96,970	122,272,821
1919.....	96,360,974	227,587,679	109,004,734	551,355	5,160,400	838,044	500	108,167,190
1920.....	33,944,740	180,842,568	43,435,994	6,043,834	597,200	6,077,012	6,335	37,365,317
1921.....	4,302,346	91,597,501	9,391,096	3,795,638	566,800	3,827,127	267,229	5,831,198
1922.....	15,987,264	94,490,596	21,236,742	1,733,282	1,624,900	1,823,554	8,913	19,422,101
1923.....	18,573,603	123,115,093	25,413,330	293,208	844,723	340,137	13,535	25,056,728
1924.....	1,148,776	137,645,902	8,795,771	4,244,047	479,938	4,270,710	25,360	4,550,421
1925.....	10,873,994	106,256,041	16,777,107	3,040,882	472,475	3,067,131	216,246	13,926,222
1926.....	30,975,210	156,804,616	39,686,578	184,585	496,349	212,160	90,875	39,565,293
1927.....	9,245,044	104,334,226	15,041,390	98,697	662,395	135,497	82,542	14,988,435
1928.....	6,034,385	68,191,597	9,822,807	201,537	16,476,640	228,017	21,305	9,616,095

VALUE

Year ended Sept. 30—	Domestic exports			Imports			Reexports		Net exports (oats, including meal)	Average export value per bushel (oats)
	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1790.....	20,900		20,900							
1791.....	23,327	16	23,343							
1792.....	(?)		(?)							
1793.....	(?)		(?)							
1794.....	(?)		(?)							
1795.....	(?)		(?)							
1796.....	(?)		(?)							
1797.....	(?)	(?)	(?)							
1798.....	(?)	(?)	(?)							
1799.....	(?)	(?)	(?)							
1800.....	(?)	(?)	(?)							
1801.....	(?)	(?)	(?)							
1802.....	(?)		(?)							
1803.....	(?)		(?)							
1804.....	(?)	(?)	(?)							

Footnotes at end of table.

TABLE 32.—Oats, oatmeal, and oats including meal in terms of grain: Domestic exports, imports, reexports and net exports or net imports, 1790-1928—Continued

VALUE—Continued

Year ended Sept. 30—Continued.	Domestic exports			Imports			Reexports		Net exports (oats, including meal)	Average export value per bushel (oats)
	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1805	(2)		(2)							
1806	(2)		(2)							
1807	(2)		(2)							
1808	(2)		(2)							
1809	(2)		(2)							
1810	(2)		(2)							
1811	(2)		(2)							
1812	(2)		(2)							
1813	(2)		(2)							
1814	(2)		(2)							
1815	(2)		(2)							
1816	(2)		(2)							
1817	47, 155		47, 155							
1818	33, 090		33, 090							
1819	11, 642		11, 642							
1820	10, 053		10, 053							
1821										
1822										
1823										
1824										
1825										
1826				197						
1827				3, 901						
1828				209						
1829				110						
1830				102						
1831				378						
1832				333						
1833				331						
1834				110						
1835				506						
1836				2, 421						
1837				63, 346						
1838				3, 101						
1839				2, 492						
				2, 313						

Year ended June 30—													
1840													
1841													
1842													
1843													
1844													
1845													
1846													
1847													
1848													
1849													
1850													
1851													
1852													
1853													
1854													
1855													
1856													
1857													
1858													
1859													
1860													
1861													
1862													
1863													
1864		268,345		268,345									
1865		264,153		264,153									
1866		703,711		703,711									
1867		465,974		465,974									
1868		105,167		105,167									
1869		306,678		306,678									
1870		76,528		76,528									
1871		83,080		83,080									
1872		135,129		135,129									
1873		290,575		290,575									
1874		383,762		383,762									
1875		290,537		290,537									
1876		588,583		588,583									
1877		1,150,686		1,150,686									
1878		1,277,920		1,277,920									
1879		1,618,644		1,618,644									
1880		308,129		308,129									
1881		186,899		186,899									
1882		298,349		298,349									
1883		233,843		233,843									
1884		700,694	771,471	1,472,165									
1885		1,589,640	1,036,011	2,625,651									
1886		1,944,772	755,973	2,700,745									
1887		179,634	456,023	635,657									
1888		143,284	130,488	273,772									

Footnotes at end of table.

TABLE 32.—Oats, oatmeal, and oats including meal in terms of grain: Domestic exports, imports, reexports and net exports or net imports, 1790-1928—Continued

Year ended June 30—Continued.	Domestic exports			Imports			Reexports		Net exports (oats, including meal)	Average export value per bushel (oats)
	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal	Oats, including meal	Oats	Oatmeal		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1889	245,562	273,173	518,735	10,178	56,002	66,180			452,555	.39
1890	4,510,055	784,879	5,294,934	8,950	59,300	68,250	49	14,633	5,241,366	.33
1891	405,708	221,316	627,024	5,056	31,089	36,145		17	590,896	.43
1892	3,842,539	555,957	4,398,516	8,224	27,942	36,166	2,418	5	4,364,773	.41
1893	951,920	160,660	1,112,580	8,897	25,642	34,539		1,902	1,079,943	.40
1894	2,027,934	238,528	2,266,462	3,928	24,483	28,411		25	2,238,076	.35
1895	200,793	566,321	767,114	80,901	21,993	102,894		21	664,241	.35
1896	3,497,611	939,502	4,437,113	13,039	19,689	32,728	6,199		4,410,584	.27
1897	8,756,207	1,071,340	9,827,547	12,071	32,742	44,813	4,800	29	9,787,563	.25
1898	20,632,914	1,757,978	22,390,892	3,368	15,697	19,065			22,371,827	.30
1899	9,787,540	1,295,988	11,083,528	4,432	17,740	22,172			11,061,356	.32
1900	12,504,654	1,547,900	14,052,554	18,360	13,499	31,859	80	120	14,020,895	.30
1901	11,765,330	2,308,649	14,073,979	8,995	11,667	20,662			14,053,317	.32
1902	4,153,238	1,617,298	5,770,536	12,085	13,628	25,713		530	5,745,353	.42
1903	1,839,106	1,839,106	3,678,212	45,899	13,685	59,584		500	3,630,772	.40
1904	475,362	463,062	938,424	57,802	14,201	72,003	24,154		890,575	.41
1905	2,035,992	1,423,742	3,509,734	18,626	16,361	34,987		92	3,474,839	.38
1906	16,234,918	948,088	17,183,006	10,726	16,625	27,351		11	17,155,666	.35
1907	1,670,881	1,122,162	2,793,043	26,634	15,581	42,215	35,865	121	2,736,814	.42
1908	624,569	705,853	1,330,422	179,714	19,876	199,590		17	1,160,765	.54
1909	804,759	516,524	1,321,283	2,651,699	18,612	2,670,311		43,407	* 1,311,621	.53
1910	794,367	521,658	1,316,025	400,920	31,072	431,992		89,529	973,562	.47
1911	832,718	1,043,867	1,876,585	41,990	33,976	75,966		645	1,801,264	.41
1912	1,135,635	376,188	1,511,823	1,053,470	40,400	1,093,870		6,426	424,379	.52
1913	13,206,247	1,514,848	14,721,095	289,364	43,896	333,260		2,265	14,390,100	.39
1914	757,527	1,326,731	2,084,258	7,885,837	57,570	7,943,407		256,016	* 6,360,660	.41
1915	57,469,964	2,416,068	59,886,032	290,180	43,895	334,075		102,985	59,654,942	.59
1916	47,985,790	1,855,622	49,871,412	302,547	65,974	368,521		190,158	49,693,049	.50
1917	55,034,981	4,491,154	59,526,135	473,476	35,147	508,623		34,914	59,052,426	.62
1918	86,125,093	17,566,846	103,691,939	1,963,447	321,426	2,284,873		112,830	101,519,896	.81
1919	79,492,663	13,217,974	92,710,637	441,269	264,738	706,007		600	92,005,230	.82
1920	29,931,172	9,311,569	39,242,741	5,977,675	54,034	6,031,709		6,735	33,217,767	.88
1921	3,731,591	4,202,890	7,934,481	1,964,382	45,924	2,010,306		131,184	6,055,359	.87
1922	7,985,030	3,457,220	11,442,250	798,692	74,200	872,892		5,294	10,574,652	.80
1923	9,281,814	4,405,562	13,687,376	178,330	56,981	235,311		9,230	13,461,295	.50

1924	612,964	4,921,854	5,534,818	2,016,734	45,831	2,062,565	14,011	3,486,264	.53
1925	6,242,027	4,396,413	10,838,440	1,456,317	49,037	1,505,354	119,704	9,452,790	.57
1926	16,192,624	6,456,870	22,649,494	67,738	56,371	124,109	47,089	22,572,474	.52
1927	4,661,477	4,907,030	9,568,507	37,048	50,565	87,613	44,336	9,525,230	.50
1928	3,429,173	4,175,526	7,604,699	107,352	47,118	154,470	13,085	7,463,314	.57

Compiled from: 1790-1813—American State Papers, Commerce and Navigation, Class IV, Vol. VII; 1814-1821—American State Papers, Commerce and Navigation, Class IV, Vol. 11; 1792-1816—Value not reported in the original returns; value of oats and oatmeal from 1803-1816 as shown in the present report were taken from Pitkin's Statistics of the United States, p. 102; 1822-1917—Commerce and Navigation of the United States; 1918—Foreign Commerce and Navigation of the United States; 1919-1928—Monthly Summary of Foreign Commerce of the United States, June issues, and official records of the Bureau of Foreign and Domestic Commerce.

¹ Includes reexports.

² Value of oats combined with the value of "Rye, oats, and other small grains."

³ Value not reported.

⁴ 9 months.

⁵ July 1-Nov. 30, 1846. Figures for Dec. 1, 1846-June 30, 1847, included with "Wheat, rye, etc."

⁶ 7 months, Dec. 1, 1846-June 30, 1847, included with other grains July 1-Nov. 30, 1846.

⁷ Incomplete.

⁸ Imports of oatmeal as reported in the original returns are as follows: Dutiable 372 hundredweight, valued at \$900 and free valued at \$827. Based on the average import value per pound of dutiable oatmeal (\$0.0216), the quantity of free oatmeal was estimated as 28,285 pounds, making a total of 69,949 pounds.

⁹ Net imports. In the original returns imports of oats from July 1-Nov. 30, 1846, was reported as 296 bushels valued at \$90 and Dec. 1, 1846-June 30, 1847, included with "Indian corn, wheat, barley, rye and oats." Oatmeal reported for Dec. 1, 1846-June 30, 1847, only, and amounted to 83 hundredweight valued at \$324.

¹⁰ Imports of oatmeal as reported in the original returns are as follows: Dutiable 169 hundredweight valued at \$559 and free valued at \$1,150. Based on the average import value per pound of dutiable oatmeal (\$0.0295), the quantity of free oatmeal was estimated as 38,943 pounds making a total of 57,871 pounds.

¹¹ Imports of oatmeal as reported in the original returns are as follows: Dutiable 949 hundredweight valued at \$3,305 and free valued at \$3,278. Based on the average import value per pound of dutiable oatmeal (\$0.0311), the quantity of free oatmeal was estimated as 105,436 pounds, making a total of 211,724 pounds.

¹² Imports of oatmeal as reported in the original returns are as follows: Dutiable 741 hundredweight valued at \$2,781 and free valued at \$1,263. Based on the average import value per pound of dutiable oatmeal (\$0.0335), the quantity of free oatmeal was estimated as 37,691 pounds, making a total of 120,683 pounds.

¹³ Includes some "Other meal."

¹⁴ Imports of oats as shown in the original returns are as follows: Imports of dutiable oats 119,114 bushels valued at \$39,982 and free valued at \$970,700. Based on the average import value of dutiable oats which equals \$0.3356 per bushel, the quantity of free oats imported was estimated at 2,892,431 bushels making a total of 3,011,545 bushels. Imports of oatmeal as shown in the original returns are as follows: Imports of dutiable oatmeal 3,030 hundredweight valued at \$8,229, free valued at \$97,381 and dutiable through New Orleans, Paso del Norte, and Puget Sound 122 hundredweight, valued at \$544. Based on the average import value of dutiable oatmeal which equals \$2,716 per hundredweight, the quantity of free oatmeal was estimated at 35,855 hundredweight, making a total of 39,007 hundredweight.

¹⁵ Imports of oatmeal as reported in the original returns are as follows: Oatmeal valued at \$113,333. Based on the average import value of oatmeal in 1869 (\$0.0307), the quantity of oatmeal imported in 1868 was estimated as 3,689,225 pounds.

¹⁶ 9 months, July 1, 1927-Mar. 31, 1928.

TABLE 33.—Oats: Domestic exports from the United States, by months, 1910-1928

Year ended June 30	July	August	September	October	November	December
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1910.....	22, 743	65, 817	138, 511	92, 206	217, 391	95, 358
1911.....	265, 838	62, 631	45, 421	378, 269	43, 584	81, 994
1912.....	188, 330	59, 651	29, 188	206, 298	327, 452	147, 900
1913.....	46, 278	619, 782	6, 225, 568	9, 268, 938	7, 375, 963	5, 625, 993
1914.....	214, 342	51, 867	318, 928	30, 940	22, 484	38, 507
1915.....	00, 059	1, 419, 870	10, 780, 165	9, 324, 471	7, 090, 096	5, 276, 716
1916.....	8, 834, 189	3, 202, 244	7, 933, 838	7, 608, 085	7, 389, 980	6, 618, 412
1917.....	8, 395, 705	10, 301, 359	6, 176, 101	8, 770, 787	6, 327, 035	7, 108, 116
1918.....	5, 373, 642	12, 522, 243	4, 644, 413	11, 334, 243	11, 591, 113	11, 406, 502
1919.....	15, 294, 141	11, 523, 349	14, 951, 824	7, 503, 148	7, 660, 444	8, 564, 963
1920.....	4, 333, 842	4, 673, 354	5, 267, 200	3, 904, 667	2, 820, 089	3, 432, 242
1921.....	432, 446	671, 138	874, 890	442, 355	477, 309	466, 370
1922.....	263, 006	1, 049, 377	224, 070	519, 799	132, 248	97, 807
1923.....	4, 180, 573	1, 763, 512	4, 378, 527	3, 042, 160	2, 613, 759	331, 645
1924.....	142, 848	147, 626	272, 078	257, 721	87, 000	56, 064
1925.....	18, 719	50, 634	430, 956	2, 052, 095	726, 904	488, 032
1926.....	3, 798, 965	6, 104, 306	5, 304, 743	3, 860, 933	1, 562, 783	1, 705, 717
1927.....	816, 506	328, 258	879, 438	172, 138	648, 142	421, 885
1928.....	624, 695	1, 383, 053	631, 818	556, 911	271, 114	376, 290

Year ended June 30	January	February	March	April	May	June	Total
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1910.....	125, 560	104, 226	160, 922	149, 979	334, 067	178, 694	1, 085, 474
1911.....	42, 106	93, 237	139, 526	175, 485	449, 942	266, 879	2, 044, 912
1912.....	71, 584	140, 314	187, 964	110, 565	489, 021	213, 262	2, 171, 503
1913.....	2, 052, 487	1, 048, 513	295, 289	357, 386	592, 887	250, 993	33, 759, 177
1914.....	30, 556	122, 123	83, 087	94, 464	608, 928	243, 723	1, 850, 946
1915.....	4, 979, 837	8, 554, 075	9, 481, 794	16, 549, 166	13, 039, 011	10, 323, 682	96, 809, 551
1916.....	5, 921, 805	8, 061, 867	10, 509, 496	8, 374, 611	12, 537, 658	8, 866, 699	95, 918, 884
1917.....	7, 792, 632	5, 391, 996	4, 946, 751	5, 435, 814	7, 637, 947	10, 600, 158	88, 944, 491
1918.....	8, 282, 632	7, 565, 371	5, 388, 440	9, 085, 131	11, 436, 062	7, 207, 406	105, 837, 309
1919.....	10, 144, 545	5, 817, 630	2, 908, 133	2, 070, 712	3, 757, 202	6, 164, 883	96, 360, 974
1920.....	1, 756, 983	1, 154, 616	3, 104, 259	1, 393, 703	1, 559, 202	544, 513	33, 944, 740
1921.....	204, 007	154, 934	99, 281	100, 155	151, 188	228, 273	4, 302, 346
1922.....	113, 423	239, 370	2, 209, 942	1, 724, 517	2, 686, 355	6, 727, 350	15, 987, 294
1923.....	212, 374	588, 884	369, 280	484, 222	508, 459	100, 208	18, 573, 093
1924.....	41, 170	24, 189	33, 127	13, 844	14, 926	58, 183	1, 148, 776
1925.....	437, 273	387, 784	488, 037	412, 432	3, 448, 702	1, 931, 826	10, 873, 994
1926.....	692, 612	391, 581	305, 115	2, 650, 237	2, 781, 403	1, 816, 835	30, 975, 210
1927.....	406, 487	167, 056	221, 639	844, 707	3, 206, 687	1, 462, 101	9, 245, 044
1928.....	614, 733	329, 465	446, 645	376, 462	453, 387	69, 912	6, 034, 385

Compiled from Monthly Summaries of Foreign Commerce of the United States.

TABLE 34.—Oats: United States exports by countries of destination, 1910-1928

Year ended June 30	Belgium	France	Germany	United Kingdom	Other Europe	Total Europe
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
Average for 1910-1914.....	906, 180	414, 967	652, 930	2, 653, 038	2, 039, 726	6, 666, 841
1910.....	149			470, 085	640	471, 474
1911.....	625			913, 720	145	914, 490
1912.....				1, 080, 605		1, 080, 605
1913.....	4, 484, 893	2, 074, 837	3, 204, 649	9, 649, 772	10, 177, 536	29, 651, 687
1914.....	45, 235			1, 144, 409	20, 308	1, 209, 952
1915.....	455, 366	46, 110, 971	9, 975	26, 646, 722	18, 416, 965	91, 639, 989
1916.....		40, 937, 766		17, 987, 407	31, 930, 208	90, 856, 381
1917.....	86, 851	53, 561, 600		14, 889, 314	16, 912, 651	85, 460, 416
1918.....		22, 204, 603		58, 870, 430	17, 829, 360	98, 904, 393
1919.....	4, 294, 238	14, 620, 224		38, 037, 140	7, 847, 351	64, 798, 653
1920.....	6, 271, 001	12, 964, 076	70, 300	8, 625, 010	1, 429, 289	29, 359, 676
1921.....	155, 325	1, 102, 161	410	49, 510	309, 687	1, 017, 093
1922.....	1, 358, 686	4, 061, 926	353, 658	3, 724, 474	2, 686, 545	12, 186, 689
1923.....	2, 949, 706	1, 980, 643	1, 477, 763	4, 243, 516	4, 846, 781	15, 498, 409
1924.....	0	0	0	141, 728	20, 967	162, 695
1925.....	828, 693	473, 762	1, 301, 519	1, 168, 465	1, 823, 961	5, 590, 390
1926.....	2, 540, 430	4, 287, 140	2, 632, 302	4, 562, 928	2, 005, 968	16, 118, 760
1927.....	361, 729	238, 799	296, 659	1, 258, 530	396, 709	2, 532, 426
1928.....	122, 747	43, 600	116, 441	645, 460	316, 737	1, 243, 046

TABLE 34.—Oats: United States exports by countries of destination, 1910-1928—Continued

Year ended June 30	Canada	Cuba	Mexico	Other countries	Total
Average for 1910-1914	<i>Bushels</i> 360,616	<i>Bushels</i> 306,086	<i>Bushels</i> 54,479	<i>Bushels</i> 856,181	<i>Bushels</i> 8,304,203
1910	11,743	255,577	51,026	895,654	1,685,474
1911	22,633	246,419	52,084	809,286	2,044,912
1912	104,340	76,509	32,474	871,575	2,171,503
1913	1,042,139	1,154,855	36,341	1,274,155	33,750,177
1914	22,224	97,071	100,468	430,234	1,859,949
1915	2,809,000	871,764	57,752	1,431,036	96,809,551
1916	2,063,834	1,158,890	177,736	1,063,043	95,918,884
1917	856,859	1,378,842	597,739	660,546	88,944,401
1918	4,531,523	1,927,947	91,292	382,154	105,837,309
1919	29,629,081	1,618,654	39,164	275,122	96,360,974
1920	2,369,908	1,827,647	22,450	365,059	33,944,740
1921	900,782	1,359,883	119,197	305,391	4,302,346
1922	2,480,899	890,871	180,070	249,835	15,987,264
1923	1,525,786	1,233,522	146,154	169,732	18,573,603
1924	1,198,080	545,321	115,669	127,011	1,148,776
1925	3,750,916	1,263,786	99,350	163,552	10,873,994
1926	13,350,661	1,068,267	127,173	285,343	30,975,210
1927	5,198,345	1,189,642	132,390	212,241	9,245,944
1928	3,425,787	1,028,463	98,303	238,787	6,034,385

Compiled from Commerce and Navigation of the United States, 1910-1918. Official records of the Bureau of Foreign and Domestic Commerce, 1919-1923 and 1928. Monthly Summary of Foreign Commerce of the United States, June issues, 1924-1927.

TABLE 35.—Oats, oatmeal, and rolled oats: Shipments from the United States to Alaska, Hawaii, and Porto Rico, 1903-1928

QUANTITY

Year ended June 30	Alaska		Hawaii		Porto Rico	
	Oats	Oatmeal and rolled oats	Oats	Oatmeal and rolled oats	Oats	Oatmeal and rolled oats
	<i>Bushels</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Pounds</i>
1903	176,456	116,790	137,981	-----	15,706	34,841
1904	176,861	11,754	117,313	-----	11,045	7,247
1905	302,353	4,552	84,958	-----	14,979	16,259
1906	381,893	558,416	81,939	32,089	37,328	10,590
1907	440,855	589,286	91,614	28,857	147,944	33,731
1908	423,674	532,033	104,850	40,310	113,285	32,293
1909	393,881	619,483	152,695	39,532	114,020	62,241
1910	349,836	792,141	150,926	37,900	147,709	62,459
1911	274,852	458,087	97,379	38,310	277,701	127,653
1912	332,674	616,648	382,882	488,845	370,455	183,228
1913	388,006	581,622	227,022	-----	422,692	-----
1914	354,741	581,219	497,443	-----	295,226	-----
1915	309,045	572,215	367,319	-----	250,866	-----
1916	388,730	721,249	330,216	-----	236,213	-----
1917	407,545	866,176	216,940	-----	200,905	-----
1918	315,292	655,885	86,252	-----	131,929	-----
1919	126,241	676,763	60,855	-----	128,466	-----
1920	163,773	578,229	140,344	-----	111,211	-----
1921	174,633	603,896	203,302	-----	205,289	-----
1922	127,511	521,392	61,420	-----	204,499	-----
1923	152,369	625,399	70,486	1419,187	259,506	518,435
1924	120,514	543,136	129,135	447,578	310,487	677,147
1925	101,524	693,011	80,714	1,951,915	272,577	694,951
1926	98,180	785,964	71,002	1,176,040	260,792	893,314
1927	65,506	654,626	62,452	1,151,911	260,747	980,079
1928	70,356	543,788	61,044	1,088,526	221,193	870,614

¹Jan. 1 to June 30.

TABLE 35.—Oats, oatmeal, and rolled oats: Shipments from the United States to Alaska, Hawaii, and Porto Rico, 1903–1928—Continued

Year ended June 30	Alaska		Hawaii		Porto Rico	
	Oats	Oatmeal and rolled oats	Oats	Oatmeal and rolled oats	Oats	Oatmeal and rolled oats
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1903	89, 010	4, 212	57, 890		7, 282	966
1904	73, 891	350	49, 996		5, 892	273
1905	141, 193	136	39, 340		6, 997	617
1906	178, 483	18, 643	37, 820	734	16, 694	424
1907	227, 093	19, 944	35, 420	1, 190	72, 225	1, 213
1908	206, 389	18, 939	52, 052	1, 691	71, 471	1, 458
1909	213, 925	24, 383	81, 101	1, 731	71, 503	2, 804
1910	208, 565	30, 703	77, 245	1, 885	77, 869	2, 731
1911	135, 236	16, 460	50, 733	1, 795	122, 479	5, 244
1912	164, 132	22, 389	193, 116	3, 601	221, 254	7, 810
1913	191, 586	21, 844	108, 669	836	191, 893	7, 348
1914	173, 051	22, 773	221, 502	771	145, 073	9, 120
1915	154, 894	22, 004	150, 407		148, 089	
1916	186, 012	26, 382	142, 186		128, 706	
1917	239, 715	35, 958	152, 320		130, 341	
1918	249, 489	41, 009	84, 001		114, 850	
1919	137, 753	46, 362	56, 895		115, 534	
1920	174, 989	41, 929	133, 636		113, 050	
1921	176, 184	42, 185	188, 207		194, 866	
1922	82, 418	26, 878	35, 557		101, 536	
1923	105, 012	33, 035	44, 978	19, 853	149, 109	47, 112
1924	76, 191	27, 525	76, 991	19, 637	180, 363	62, 621
1925	71, 469	40, 487	55, 139	51, 985	180, 015	66, 698
1926	65, 835	38, 396	41, 685	30, 907	149, 144	87, 139
1927	45, 968	31, 627	39, 137	32, 157	148, 403	98, 884
1928	57, 203	28, 629	48, 662	40, 245	150, 502	90, 813

Compiled from: 1903–1912—Commerce and Navigation of the United States; 1913–1928—Monthly Summary of Foreign Commerce of the United States.

¹ Jan. 1 to June 30.

TABLE 36.—Oats: Net exports of principal exporting countries, 1867–1928

[In thousands of bushels—i. e., 000 omitted]

Year	Russia	United States ¹	Canada	Argentina	Hungary	Rumania	Algeria
1867	11, 174	1, 999					
1868	13, 574	² 825	1, 738				
1869	9, 237	63	763				
1870	24, 860	² 403	2, 188				
1871	28, 252	² 737	542				
1872	8, 321	² 665	486				
1873	20, 479	428	629				
1874	32, 007	621	998				
1875	29, 191	² 905	2, 990				
1876	31, 155	1, 221	2, 016				
1877	51, 738	2, 703	1, 229				
1878	51, 790	3, 633	2, 046				
1879	52, 882	5, 390	1, 369				
1880	48, 896	234	5, 730				
1881	44, 220	290	3, 429				
1882	63, 703	² 1, 307	4, 604		5, 932		
1883	68, 069	² 419	1, 513			1, 141	
1884	68, 924	3, 157	1, 895		5, 907	967	
1885	44, 238	6, 109	2, 800		6, 899	5, 255	
1886	39, 304	7, 231	4, 863		6, 677	2, 958	
1887	60, 033	1, 235	2, 538		5, 032	2, 106	
1888	99, 361	4, 455	683		6, 233	2, 564	
1889	70, 091	1, 060	760		7, 024	1, 672	
1890	58, 400	14, 909	1, 153		5, 857	439	
1891	51, 869	1, 341	293		8, 021	832	
1892	23, 167	10, 546	7, 491		8, 851	1, 707	
1893	64, 101	2, 655	8, 921	67	7, 967	10, 304	

¹ Includes oatmeal in terms of oats.

² Net imports.

³ Imports were estimated.

TABLE 36.—Oats: Net exports of principal exporting countries, 1867-1928—Con.

(In thousands of bushels—i. e., 000 omitted)

Year	Russia	United States ¹	Canada	Argentina	Hungary	Rumania	Algeria
1864	100,527	6,258	3,592	115	4,444	1,917	-----
1866	75,317	1,379	1,575	1,233	6,279	2,441	-----
1866	76,189	16,117	1,942	199	10,823	3,998	-----
1867	49,223	37,613	8,123	39	13,027	3,715	-----
1868	28,217	73,855	11,724	78	12,741	6,493	-----
1869	31,822	33,606	11,366	352	16,016	467	-----
1890	90,146	44,995	8,335	509	18,576	754	-----
1901	90,305	42,237	9,515	133	13,116	8,770	6,438
1902	71,299	13,240	5,867	1,356	14,027	10,653	5,913
1903	66,985	8,233	9,058	1,790	14,756	19,633	3,860
1904	60,396	1,857	6,860	1,985	13,141	6,423	2,937
1905	142,802	8,339	3,683	1,159	15,776	9,042	2,686
1906	77,674	48,395	4,100	3,528	14,526	11,565	3,338
1907	27,906	6,379	6,023	9,852	14,733	7,098	4,298
1908	31,314	2,195	8,803	30,277	11,247	3,889	4,230
1909	83,305	¹ 4,252	6,100	28,977	15,136	12,059	3,445
1910	93,791	1,704	6,055	25,497	11,014	11,846	4,399
1911	94,948	3,707	6,789	35,166	10,906	16,050	5,050
1912	57,257	30	11,079	61,660	13,001	1,870	927
1913	38,701	35,695	12,324	61,239	7,221	11,886	3,664
1914	² 17,335	² 18,458	36,147	24,321	⁴ 4,355	5,750	5,201
1915	² 215	100,158	16,912	40,803	(⁵)	2,199	4,004
1916	23	98,648	25,055	55,392	(⁵)	⁶ 4,475	8,548
1917	-----	94,348	65,982	18,702	(⁵)	(⁵)	4,438
1918	-----	122,273	57,919	37,341	(⁵)	(⁵)	6,900
1919	-----	108,167	17,749	22,940	6	² 327	5,436
1920	-----	37,365	12,111	28,404	83	2,436	¹ 1,783

(In thousands of bushels—i. e., 000 omitted)

Year	Russia	United States ¹	Canada	Argentina	Hungary	Rumania	Algeria	Czechoslovakia
1921	-----	5,831	15,587	27,533	799	11,400	5,464	² 748
1922	-----	19,422	39,693	20,232	646	16,047	4,295	¹ 1,325
1923	1,693	25,087	30,053	31,496	3,411	12,125	5,282	1,532
1924	9,592	4,550	26,726	50,164	1,519	6,294	1,290	¹ 1,462
1925	113	13,926	36,448	29,767	2,114	1,422	2,299	² 4,408
1926	1,354	39,565	44,453	35,234	3,089	4,206	174	494
1927	1,950	14,988	15,626	41,308	1,793	-----	² 702	4,341
1928	1,020	9,616	5,948	-----	-----	-----	-----	-----

Compiled from: Russia—1867-1876, Senate Executive Document No. 91 (53d Cong., 2d sess.); 1877-1914, Recueil de Donnees Statistiques et Economiques, 1908-1917; 1915-1916, Annuaire International de Statistique Agricole; 1917-1922, no reports; 1923-1926, Marktbericht Hausenblum, Tagzeitung, No. 184, Aug. 1926 and Consular Report from Riga, No. 220723; and Broomhalls Corn Trade News, Aug. 2, 1927 and Aug. 7, 1928. United States—1861-1917, Commerce and Navigation of the United States; 1918, Foreign Commerce and Navigation of the United States; 1919-1928, Monthly Summary of Foreign Commerce of the United States; June issues and January issue, 1928. Canada—1868-1915, Trade and Commerce, Canada, 1916; 1916-1925, Annual Report of the Trade of Canada; 1926-1928, Monthly Report of the Trade of Canada, March issues. Argentina—1893-1927, Anuario del Comercio Exterior de la Republica Argentina. Hungary—1882-1913, Commerce Exterior des pays de la Sainte Couronne Hongroise, 1913; 1914-1921, Annuaire International de Statistique Agricole; 1922-1927, Statisztikai, Havi Közlemenyek. Rumania—1883-1888, Tableau general indicand comericiul Romaniei cu terile straine; 1889-1915 and 1922-1926, Comericiul exterior al Romaniei; 1916-1921, Annuaire International de Statistique Agricole. Algeria—1901-1913, Statistique Generale de l'Algerie; 1914-1927, Documents Statistiques sur le Commerce de l'Algerie. Czechoslovakia—Zohrauceniho Obchodu Republiky Ceskoslovenski.

NOTE.—These data for Russia, Hungary, and Rumania can not be treated as comparable owing to changes of frontier during the period under review. For the United States the years end June 30; for Canada, June 30, 1868-1906 and Mar. 31, 1907-1928; for Russia, Dec. 31, 1867-1916 and crop year, 1923-1926; for Hungary, Rumania, Argentina, Czechoslovakia, and Algeria, Dec. 31.

¹ Includes oatmeal in terms of oats.

² Net imports.

⁴ January-June.

⁵ No report.

⁶ 9 months.

TABLE 37.—Oats: International trade, for years ended June 30, average 1910-1914, annual 1924-1927

[In thousands of bushels—i. e., 000 omitted]

Country	Average 1910-1914		1924		1925		1926		1927 preliminary	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
PRINCIPAL EXPORTING COUNTRIES										
Algeria.....	1 79	1 4, 102	277	7, 163	795	642	68	2, 595	1, 560	102
Argentina.....	2 55	2 42, 559	—	36, 317	—	48, 533	—	32, 006	—	3 40, 103
Australia.....	2 898	2 270	139	283	—	324	—	2 4 97	—	2 282
British India.....	1 8 87	1 8 43	—	62	—	50	—	53	—	52
Bulgaria.....	—	1 178	—	1 4	(1) (°)	10	—	4	—	—
Canada.....	84	15, 245	186	35, 914	1, 059	42, 339	2, 246	35, 951	2, 051	13, 620
Chile.....	2 2	2, 469	—	1, 914	—	3, 810	—	4, 093	—	6, 087
Hungary.....	1 1, 420	1 12, 416	2	3, 470	280	518	7	3, 806	(°)	—
Rumania.....	1 5 72	1 10, 493	2	4, 464	0	5, 433	1	1, 352	—	3 6, 334
Russia.....	1 1, 206	1 70, 400	—	0, 592	—	113	—	1, 462	—	—
Tunis.....	1 2	1 2, 875	(1) (°)	2, 606	1 116	2 742	7 28	1, 354	—	2 904
United States.....	5, 352	9, 655	4, 244	8, 796	3, 041	16, 777	185	30, 686	99	15, 041
Yugoslavia.....	—	—	—	1 190	—	3 470	—	2 1, 056	—	3 744
PRINCIPAL IMPORTING COUNTRIES										
Austria.....	1 2, 295	1 114	6, 048	1 32	6, 683	7 19 4	4, 877	11	11 4, 776	1 11 7
Belgium.....	8, 420	62	6, 218	327	8, 285	113	9, 618	25	6, 561	121
Ceylon.....	2 7 90	—	2 10 52	—	2 52	—	—	—	3 69	—
Cuba.....	1, 291	—	1, 675	—	1, 855	—	1, 602	—	12 655	—
Czechoslovakia.....	—	—	2, 692	3, 236	2, 747	1, 432	4, 747	44	311	2, 127
Denmark.....	1 4, 687	1 152	2, 848	558	2, 621	488	842	411	1, 985	104
Estonia.....	—	—	2 10 1, 709	—	242	—	3 699	—	378	—
Finland.....	2 7 1, 150	2 7 350	5, 095	1	1, 297	15	1, 529	17	1, 279	6
France.....	29, 846	122	5, 341	3, 584	4, 068	960	14, 110	388	11 2, 570	7 11 436
Germany.....	37, 202	33, 575	1, 359	5, 733	20, 074	7, 223	28, 204	5, 334	19, 255	7, 832
Greece.....	—	—	1 212	—	3 094	—	3 15 5	—	—	—
Irish Free State.....	—	—	—	—	3, 351	2 3, 344	2, 862	3, 485	1, 824	2, 756
Italy.....	8, 158	65	6, 240	22	8, 731	128	7, 743	42	7, 723	(°)
Japan.....	1 5	1 42	1 1, 172	—	3 258	—	3 190	(°)	2 10 124	—
Latvia.....	—	—	1 1, 490	1 98	3 505	1 416	3 568	7 27	3 606	7 11 4
Netherlands.....	1 38, 862	1 30, 771	5, 071	004	5, 569	502	7, 477	287	6, 452	167
Norway.....	1 14 497	1 14 27	2, 677	4	4 1, 494	6	1, 413	11	484	6
Poland.....	—	—	1 4 11	1 4 413	1 4 5, 505	1 4 10	1, 283	5, 926	2, 867	1, 048
Sweden.....	1 6, 468	1 1, 899	6, 878	521	3, 229	715	2, 908	329	1, 631	2, 426
Switzerland.....	1 12, 464	1 18	10, 030	7	9, 099	4	10, 062	4	9, 895	—
Union of South Africa.....	2 366	2 434	15 324	4 169	15 252	4 515	15 231	4 125	15 191	4 69
United Kingdom.....	68, 371	2 1, 591	43, 137	1, 883	33, 760	4 1, 104	36, 897	1, 136	24, 911	2, 024
Total 35 countries.....	229, 420	240, 004	110, 092	127, 978	125, 678	135, 740	140, 933	141, 117	98, 302	105, 217

Official sources except where otherwise noted.

1 Year ended July 1, International Yearbook of Agricultural Statistics.

2 Average of calendar years 1909-1913.

3 International Crop Report and Agricultural Statistics.

4 Does not include oatmeal.

5 Average for the seasons 1911-12 to 1913-14.

6 Less than 500 bushels.

7 International Yearbook of Agricultural Statistics.

8 9 months, July-March.

9 10 months ended Apr. 30.

10 11 months.

11 10 months ended May 31.

12 6 months.

13 2 months.

14 Season 1913-14.

15 Does not include oats.

TABLE 38.—Oats: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928

NEW YORK

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1908	58	55	53	54	56	56	57	59	62	64	66	66
1909	60	53	50	49	49	50	52	54	54	54	52	52
1910	51	48	44	42	41	40	40	40	40	42	44	46
1911	48	48	44	42	52	52	54	58	61	64	64	62
1912	54	45	42	42	42	41	41	42	44	44	45	46
1913	46	47	46	46	46	46	46	48	48	49	48	48
1914	52	54	50	50	52	54	60	62	63	62	61	60
1915	57	50	44	44	45	48	50	51	52	52	52	52
1916	52	53	56	60	61	62	68	72	79	84	82	84
1917	84	75	70	72	80	86	92	100	104	100	96	95
1918	89	84	81	82	84	82	80	78	79	80	84	86
1919	89	88	85	84	86	92	96	104	117	130	134	125
1920	108	87	74	70	65	62	60	56	54	54	54	54
1921	54	52	49	47	48	48	50	52	53	54	53	54
1922	50	46	48	50	52	54	56	58	60	58	58	60
1923	59	56	54	54	55	53	55	57	56	56	58	62
1924	64	60	61	59	60	63	66	61	60	59	60	59
1925	55	51	48	48	50	51	50	50	51	53	50	52
1926	50	48	49	48	49	50	51	52	51	54	59	56
1927	55	51	53	53	55	56	58	61	66	76	77	78
1928	60	51	50	53	54							

PENNSYLVANIA

1908	59	56	56	56	56	55	56	58	60	62	63	62
1909	56	52	50	50	50	51	54	56	56	54	52	52
1910	48	45	44	42	42	41	40	42	42	42	42	46
1911	47	46	46	48	50	51	54	56	60	64	64	62
1912	53	44	42	41	41	41	42	42	44	46	47	48
1913	46	46	46	46	47	48	47	48	48	48	48	48
1914	49	51	52	52	50	53	58	60	62	63	62	60
1915	56	50	46	44	45	48	50	50	51	52	50	48
1916	48	50	53	56	58	60	63	67	74	82	82	84
1917	84	76	71	72	76	82	88	94	98	96	93	88
1918	84	82	80	79	78	76	74	74	77	80	81	82
1919	82	80	80	80	82	86	90	94	104	116	123	120
1920	106	86	72	66	65	60	55	55	54	52	54	54
1921	50	44	43	44	46	46	46	47	49	50	51	52
1922	48	44	46	47	48	40	52	52	54	56	55	56
1923	53	50	51	52	52	55	55	55	55	56	56	59
1924	63	60	58	57	59	65	64	63	58	58	61	59
1925	55	49	47	47	48	51	49	49	50	50	49	49
1926	47	47	47	47	49	50	51	51	52	54	56	57
1927	55	53	53	53	55	55	56	60	65	72	72	72
1928	61	51	51	51	52							

OHIO

1908	51	50	48	48	50	50	51	54	56	56	57	54
1909	45	40	40	41	42	44	46	46	44	44	44	42
1910	39	36	36	36	34	34	33	33	34	34	38	40
1911	40	42	44	45	46	47	49	51	55	57	55	50
1912	39	33	33	33	34	34	33	33	34	35	37	38
1913	38	40	40	40	40	38	38	39	40	40	40	38
1914	40	44	44	44	46	50	52	54	56	54	50	46
1915	42	36	34	36	38	42	44	42	42	42	40	40
1916	42	45	48	52	52	54	56	60	67	70	68	70
1917	64	56	58	61	69	74	81	88	88	82	76	72
1918	68	68	68	68	70	68	62	62	62	70	72	75
1919	74	71	68	70	76	82	84	88	96	103	108	96
1920	74	62	54	51	49	45	42	42	39	38	37	36
1921	34	33	33	33	33	34	35	36	38	39	38	38
1922	40	40	41	43	46	47	48	50	53	54	52	47
1923	44	44	45	45	45	44	47	47	46	46	45	50
1924	48	47	49	50	53	58	56	53	48	50	51	49
1925	41	39	37	38	40	42	41	41	41	41	41	40
1926	38	32	38	38	40	42	42	41	42	44	46	45
1927	42	43	45	45	48	50	52	56	60	67	66	61
1928	38	37	40	40	44							

TABLE 38.—Oats: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

WISCONSIN

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1908.....	50	48	48	47	48	48	49	50	52	54	54	53
1909.....	47	40	38	38	40	42	44	44	42	42	41	42
1910.....	42	39	36	34	34	33	33	32	32	34	36	40
1911.....	40	40	42	44	44	45	48	49	51	54	52	50
1912.....	42	34	32	32	32	31	31	32	32	34	34	36
1913.....	37	38	38	36	37	37	36	36	37	37	37	37
1914.....	40	44	42	42	44	46	51	54	54	52	50	49
1915.....	44	36	33	34	38	43	46	44	43	44	42	41
1916.....	42	42	45	49	50	50	53	56	64	70	70	72
1917.....	66	68	68	62	70	76	82	86	88	84	78	74
1918.....	72	68	65	65	67	62	58	59	62	66	66	70
1919.....	71	68	66	68	74	80	83	87	94	100	105	97
1920.....	79	65	56	50	47	43	42	41	38	37	36	37
1921.....	37	36	34	32	34	35	37	39	40	42	42	39
1922.....	34	31	35	38	40	40	42	42	43	45	44	44
1923.....	42	40	41	42	44	44	45	48	49	50	52	52
1924.....	54	50	49	47	50	54	53	49	45	44	48	48
1925.....	41	35	35	37	38	39	39	39	40	39	39	39
1926.....	39	37	38	40	43	43	45	44	45	47	49	48
1927.....	46	45	46	47	49	51	52	56	60	65	66	67
1928.....	48	38	40	41	44							

MINNESOTA

1908.....	45	43	44	43	44	44	45	48	49	51	52	48
1909.....	41	35	34	34	36	38	40	40	38	36	36	39
1910.....	39	35	32	32	31	30	30	29	30	30	33	37
1911.....	38	39	40	40	40	42	44	46	48	49	47	42
1912.....	32	26	26	26	26	26	26	26	27	29	32	33
1913.....	34	34	32	32	32	32	32	32	32	32	32	32
1914.....	34	39	40	40	40	44	48	49	50	48	46	44
1915.....	40	31	28	30	34	40	40	37	38	38	37	37
1916.....	39	40	42	46	46	48	50	54	62	65	64	66
1917.....	60	52	54	59	66	72	80	84	82	74	69	68
1918.....	64	62	60	60	62	56	52	54	60	62	60	64
1919.....	64	60	59	62	68	74	75	78	86	92	95	84
1920.....	64	53	46	39	36	34	32	32	28	28	29	29
1921.....	25	22	22	21	24	25	28	29	30	30	30	27
1922.....	24	24	20	32	33	34	34	34	36	36	34	32
1923.....	30	30	32	34	35	36	39	38	39	39	40	45
1924.....	43	40	43	40	46	47	45	40	35	36	42	38
1925.....	33	31	29	29	33	33	31	31	33	33	33	33
1926.....	34	31	34	35	37	39	39	39	38	41	43	42
1927.....	41	38	39	40	44	45	40	49	50	56	56	51
1928.....	32	31	33	33	37							

IOWA

1908.....	44	43	42	42	42	42	44	46	48	50	50	46
1909.....	38	34	34	34	36	40	41	41	39	37	36	36
1910.....	32	28	28	27	27	27	26	26	26	28	32	35
1911.....	36	38	40	41	41	42	44	46	49	50	47	40
1912.....	30	26	28	28	28	28	28	28	30	31	33	34
1913.....	35	36	35	34	34	34	34	34	34	34	34	32
1914.....	35	40	40	40	42	46	49	50	50	49	45	42
1915.....	38	31	30	32	34	40	41	38	38	38	36	36
1916.....	37	40	43	46	47	48	51	54	60	62	62	65
1917.....	60	52	54	58	67	74	80	84	83	76	70	69
1918.....	64	63	63	63	64	59	54	56	61	63	64	68
1919.....	66	62	60	62	67	72	75	78	86	92	94	81
1920.....	62	54	45	39	36	34	33	32	30	29	28	26
1921.....	23	22	22	22	24	26	28	30	30	30	30	28
1922.....	26	26	30	34	36	36	37	38	38	38	38	34
1923.....	30	32	34	36	37	38	40	41	41	41	42	46
1924.....	43	41	44	42	48	51	51	45	38	41	44	40
1925.....	35	33	32	32	34	36	34	34	34	35	34	33
1926.....	34	32	35	35	36	39	39	40	39	42	45	43
1927.....	40	40	42	42	46	47	40	51	53	59	59	53
1928.....	31	32	35	35	38							

TABLE 38.—Oats: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

MISSOURI												
Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
1908	46	46	46	45	46	46	48	53	56	56	55	50
1909	43	42	42	43	44	46	48	49	48	48	46	42
1910	36	32	30	31	32	32	32	33	32	34	37	41
1911	42	42	42	44	45	46	50	52	56	56	52	44
1912	34	33	34	34	34	34	34	36	38	40	40	40
1913	42	44	42	44	44	44	44	45	46	46	44	40
1914	40	43	44	44	46	49	54	58	58	56	53	48
1915	42	38	36	36	39	42	46	46	46	45	44	42
1916	40	42	46	51	52	54	60	64	68	72	71	68
1917	60	54	56	58	64	70	76	80	79	75	72	69
1918	68	70	70	70	70	70	68	68	71	74	74	74
1919	72	70	68	70	73	78	82	89	94	100	103	90
1920	72	66	59	51	49	48	46	46	43	42	42	36
1921	29	28	29	30	31	33	37	40	42	42	42	42
1922	40	40	42	43	46	50	52	54	53	54	51	44
1923	38	40	42	44	48	48	52	54	55	56	54	54
1924	52	52	52	53	55	58	58	59	55	53	53	48
1925	45	42	42	44	45	46	46	47	46	47	47	43
1926	43	42	44	42	44	46	47	48	48	50	51	50
1927	46	48	49	48	50	52	56	63	64	66	64	57
1928	38	39	41	43	45							

NORTH DAKOTA												
1908	46	42	40	42	42	43	44	46	48	52	52	51
1909	42	32	31	32	34	36	38	30	38	35	36	41
1910	44	40	38	37	38	37	34	34	36	36	38	42
1911	42	39	38	40	40	41	43	46	50	52	52	50
1912	38	27	24	23	23	24	24	24	24	27	30	31
1913	31	32	30	30	30	32	32	32	31	32	33	32
1914	33	36	36	36	38	42	44	46	48	46	43	40
1915	34	27	26	26	30	36	37	34	34	34	32	32
1916	34	38	40	42	42	43	47	50	56	59	57	61
1917	57	53	56	58	66	75	82	88	88	77	70	70
1918	73	64	58	58	62	60	54	55	62	66	66	66
1919	68	64	64	66	72	78	79	83	92	93	96	94
1920	71	50	43	38	34	30	29	29	26	25	26	26
1921	24	22	20	20	20	22	26	28	30	30	30	28
1922	22	19	22	25	28	29	30	30	32	32	30	26
1923	24	26	28	28	31	31	34	35	36	36	36	42
1924	39	36	41	36	40	45	42	35	29	32	38	34
1925	31	29	26	26	29	30	28	27	29	29	30	29
1926	30	28	31	33	33	30	38	37	36	39	39	38
1927	36	33	35	36	40	42	42	44	45	50	50	43
1928	27	27	29	30	32							

SOUTH DAKOTA												
1908	44	42	41	41	42	42	44	44	46	49	50	48
1909	40	33	32	34	36	38	38	38	37	37	38	39
1910	38	36	33	30	28	26	26	26	28	28	28	36
1911	36	38	41	42	43	44	46	51	53	52	51	46
1912	34	26	26	26	25	26	26	26	28	30	32	34
1913	34	34	34	34	33	32	32	32	34	34	34	33
1914	34	38	38	38	38	42	45	46	47	46	44	40
1915	34	28	27	28	31	37	38	37	36	36	36	34
1916	36	38	40	44	45	46	48	51	59	62	60	64
1917	58	51	52	56	66	72	76	79	79	73	68	66
1918	62	59	58	58	60	56	51	52	58	60	60	63
1919	63	60	60	60	66	73	75	77	85	91	94	84
1920	64	49	40	36	32	30	30	28	25	24	24	23
1921	20	20	19	18	20	22	27	28	27	28	27	25
1922	21	22	28	32	32	32	32	32	35	36	37	42
1923	26	28	30	31	31	34	36	37	37	36	39	37
1924	42	40	40	38	44	47	44	40	34	37	39	40
1925	30	30	28	27	30	31	30	30	31	31	33	34
1926	36	32	34	36	36	39	40	41	40	43	44	46
1927	36	34	36	36	40	41	42	45	47	51	51	46
1928	28	28	32	32	35							

TABLE 38.—Oats: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

NEBRASKA

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1908.....	42	41	40	40	41	42	42	44	46	49	50	45
1909.....	38	34	35	35	36	38	40	40	38	36	36	36
1910.....	34	32	30	28	28	26	28	28	26	28	31	35
1911.....	36	38	40	42	42	44	46	49	52	52	50	44
1912.....	34	30	30	30	30	30	30	31	32	34	36	36
1913.....	38	39	38	38	38	38	37	37	37	38	36	33
1914.....	34	39	40	40	41	44	46	48	48	48	44	42
1915.....	39	34	30	30	32	36	37	36	37	36	36	35
1916.....	36	38	41	44	46	49	51	53	60	64	62	64
1917.....	58	50	52	56	64	70	75	78	78	74	70	66
1918.....	63	64	62	63	68	72	74	78	85	92	96	80
1919.....	68	64	62	63	68	72	74	78	85	92	96	80
1920.....	62	56	48	40	38	36	34	33	30	28	29	26
1921.....	23	22	22	21	22	24	27	28	28	29	30	30
1922.....	28	27	30	34	35	36	36	38	40	42	38	34
1923.....	31	32	34	34	35	36	39	41	40	40	41	45
1924.....	42	41	43	43	47	51	51	51	43	44	44	43
1925.....	39	36	36	36	36	38	38	38	38	39	38	39
1926.....	41	40	41	40	41	43	45	45	45	47	49	45
1927.....	41	39	40	40	42	43	45	48	50	53	54	49
1928.....	32	34	37	38	39							

KANSAS

1908.....	48	46	46	45	46	47	49	53	56	58	56	50
1909.....	44	43	43	43	44	46	48	50	50	48	47	42
1910.....	38	38	38	36	34	34	32	32	32	33	36	38
1911.....	40	40	41	44	45	46	49	53	56	57	55	46
1912.....	40	38	37	36	36	36	38	40	40	39	40	40
1913.....	43	46	46	46	45	45	46	46	46	46	44	36
1914.....	36	42	43	42	42	46	50	51	52	51	49	47
1915.....	46	42	40	38	38	41	43	45	45	44	45	44
1916.....	45	48	50	54	56	57	60	66	72	76	74	74
1917.....	70	62	60	62	67	74	80	84	84	81	78	72
1918.....	71	73	72	72	74	74	72	74	74	76	76	76
1919.....	74	72	70	72	75	80	84	88	92	99	104	88
1920.....	69	62	54	44	38	38	38	37	34	34	35	33
1921.....	29	28	27	26	27	28	33	37	37	38	40	37
1922.....	34	34	38	40	42	45	48	54	54	53	50	47
1923.....	45	44	44	44	45	49	51	52	52	51	54	55
1924.....	49	48	51	49	52	55	59	59	50	50	51	46
1925.....	45	45	44	43	43	46	46	45	42	43	43	39
1926.....	40	40	42	44	43	44	45	46	45	45	52	46
1927.....	45	40	46	45	47	48	51	56	55	59	57	47
1928.....	39	39	41	42	42							

OKLAHOMA

1908.....	46	45	44	44	48	50	54	57	58	60	58	51
1909.....	45	46	46	46	48	52	54	55	54	53	47	39
1910.....	36	36	36	37	38	39	40	40	39	40	43	44
1911.....	46	47	48	48	50	55	60	64	66	67	58	42
1912.....	35	36	36	36	35	38	40	40	41	43	41	39
1913.....	42	45	46	46	46	48	49	48	48	48	42	36
1914.....	38	42	42	42	42	46	50	54	53	56	46	40
1915.....	36	35	35	35	36	39	42	42	40	41	42	40
1916.....	43	47	52	56	58	62	65	68	74	80	76	74
1917.....	76	72	71	73	78	83	88	95	96	92	86	83
1918.....	84	86	83	82	84	84	84	80	80	86	81	68
1919.....	68	68	64	68	73	78	82	85	88	93	94	82
1920.....	64	58	55	48	43	42	44	44	45	46	40	30
1921.....	24	26	26	27	28	30	36	40	41	41	41	38
1922.....	36	35	36	42	46	49	54	58	60	61	56	47
1923.....	42	46	50	52	54	60	65	65	62	60	57	48
1924.....	48	49	52	50	56	57	62	64	61	59	69	49
1925.....	52	51	50	54	49	53	56	54	52	47	45	34
1926.....	35	36	36	39	38	40	42	42	40	43	46	41
1927.....	42	43	46	44	49	51	58	62	62	64	60	47
1928.....	45	43	43	46	47							

TABLE 38.—Oats: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

TEXAS

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
1908	50	50	51	52	54	56	58	62	64	66	66	58
1909	56	60	60	62	62	64	66	67	65	62	54	46
1910	46	46	46	46	46	46	45	44	44	44	48	50
1911	52	52	54	55	56	61	66	68	68	68	57	42
1912	38	39	40	42	43	42	43	44	44	42	40	37
1913	40	46	48	49	50	52	52	50	50	50	46	42
1914	43	45	46	48	49	54	59	60	58	55	46	38
1915	38	39	40	41	42	42	46	47	46	46	44	39
1916	42	49	52	57	62	64	65	66	72	82	81	80
1917	86	84	78	79	85	92	98	101	100	102	96	88
1918	92	95	94	93	92	93	92	90	90	88	78	68
1919	64	61	58	60	71	80	84	89	94	99	99	88
1920	80	74	72	68	60	58	59	54	51	48	42	34
1921	33	36	37	38	40	40	43	46	46	46	40	30
1922	38	40	44	52	55	56	60	61	60	58	50	42
1923	44	48	52	55	60	58	60	60	60	57	55	53
1924	58	57	60	63	61	68	69	68	67	66	67	63
1925	65	62	62	63	61	62	63	61	59	57	45	34
1926	35	35	37	37	38	39	40	39	38	40	43	40
1927	43	44	46	46	50	52	57	60	62	67	64	51
1928	50	46	49	52	54							

WASHINGTON

1908	46	46	46	47	50	53	56	63	68	70	70	67
1909	60	52	48	48	49	49	50	52	52	51	49	48
1910	49	48	47	48	45	42	42	42	42	45	48	47
1911	45	44	44	45	46	45	44	46	50	56	56	53
1912	49	44	41	40	40	38	38	40	41	42	43	43
1913	42	40	40	40	40	40	40	40	40	40	40	38
1914	38	42	41	40	42	44	50	50	48	48	46	43
1915	42	38	36	37	38	40	42	41	40	42	42	41
1916	42	43	48	52	50	50	52	56	64	72	77	75
1917	74	76	76	79	86	94	97	107	116	116	110	108
1918	108	103	99	98	95	91	91	90	94	99	96	92
1919	94	94	91	92	96	98	98	103	108	112	111	111
1920	106	86	82	80	68	58	50	46	50	52	46	38
1921	36	42	44	44	40	38	40	48	56	60	60	60
1922	56	48	50	56	58	55	54	61	66	66	66	61
1923	54	48	46	49	50	50	54	55	51	50	55	55
1924	61	63	62	56	58		71	73	69	66	70	71
1925	61	52	49	50	47	53	52	52	54	47	44	48
1926	50	47	49	50	56	53	54	59	39	60	63	64
1927	60	57	55	56	61	63	64	65	70	70	68	68
1928	55	50	52	51	55							

OREGON

1908	46	46	46	46	49	50	53	59	60	62	66	64
1909	56	52	52	52	54	52	55	57	53	53	52	52
1910	52	48	47	47	44	42	42	42	42	44	44	42
1911	40	38	40	42	44	44	45	46	50	53	56	53
1912	44	39	40	41	40	40	40	41	42	42	43	44
1913	42	38	37	38	38	40	40	40	39	38	38	36
1914	38	42	41	42	45	46	48	50	50	50	46	42
1915	40	36	36	36	38	38	42	45	40	42	44	42
1916	42	42	42	46	49	50	49	52	62	72	72	68
1917	71	82	83	75	76	76	80	91	98	102	105	102
1918	98	96	98	96	97	96	96	98	97	94	94	104
1919	102	90	87	89	91	94	100	100	97	98	98	101
1920	93	80	74	68	65	60	54	54	53	50	50	56
1921	52	39	38	38	40	40	40	50	50	54	52	51
1922	52	50	52	56	56	54	59	62	65	68	62	56
1923	48	43	42	44	50	53	52	48	47	47	48	49
1924	60	59	57	57	58	59	62	62	63	59	60	64
1925	48	49	45	50	49	45	45	44	48	42	41	44
1926	50	42	48	48	50	52	49	53	55	59	62	60
1927	53	52	53	56	57	61	63	67	68	69	68	67
1928	49	49	55	58	58							

Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 39.—Oats: Estimated average price per bushel received by producers, by States, December 1, 1866-1928

Year	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1866	48	47	44	53	51	49	42	42	35	28	24	23	33	38	42	27
1867	57	57	55	64	60	61	54	52	47	39	35	35	49	42	52	31
1868	61	57	56	67	57	61	55	51	48	37	34	29	37	36	36	26
1869	54	55	53	58	56	58	44	45	37	36	35	29	39	32	33	28
1870	58	59	58	66	55	62	52	48	43	34	31	29	35	35	31	27
1871	59	57	48	63	54	58	46	47	44	31	30	25	37	31	31	19
1872	44	44	52	43	54	44	54	39	43	38	26	22	17	28	23	14
1873	53	51	45	54	56	55	40	45	40	32	29	26	31	30	30	25
1874	60	59	51	60	66	65	51	54	53	44	40	41	45	41	40	34
1875	49	50	44	53	52	53	38	42	36	31	29	24	37	29	28	21
1876	45	45	38	47	55	44	38	38	32	28	28	24	41	27	34	21
1877	44	42	41	50	48	57	34	33	31	27	23	21	29	22	30	19
1878	38	38	33	36	40	39	29	29	27	22	20	18	27	20	23	13
1879	43	48	40	50	44	43	40	40	36	30	28	27	35	30	23	23
1880	48	48	48	45	53	53	44	41	37	34	33	29	35	39	29	23
1881	62	52	50	65	67	56	48	40	48	44	42	43	46	40	43	34
1882	55	55	50	59	58	52	45	47	45	46	35	32	37	32	30	28
1883	45	47	44	49	48	48	40	40	40	35	32	27	35	31	28	26
1884	43	45	40	45	47	42	35	37	35	29	27	23	29	24	20	20
1885	40	40	37	43	44	42	36	37	36	27	25	24	28	26	25	22
1886	40	41	37	44	44	42	35	36	34	28	27	26	34	28	25	23
1887	42	43	40	43	43	42	37	36	35	32	29	27	32	28	26	24
1888	43	44	41	45	44	43	37	36	34	28	26	23	30	28	26	20
1889	37	38	36	38	38	37	32	34	30	23	21	19	25	19	20	16
1890	57	56	50	55	54	53	50	50	48	42	41	41	44	40	37	38
1891	45	46	41	47	47	45	38	40	37	33	32	28	32	28	27	26
1892	45	44	43	48	49	45	37	41	40	35	34	31	35	29	28	26
1893	45	43	42	42	43	40	30	35	35	30	28	27	32	27	26	23
1894	44	49	51	43	47	43	39	38	38	31	30	29	34	30	30	28
1895	34	35	33	34	39	31	28	29	27	22	20	17	23	18	14	14
1896	31	35	31	35	31	31	26	28	24	17	16	15	19	17	15	12
1897	32	38	32	33	34	34	27	30	27	20	19	18	23	19	19	16
1898	34	38	35	37	37	36	31	31	30	24	23	23	27	24	21	24
1899	38	39	37	38	37	37	33	33	29	25	23	22	28	23	22	19
1900	38	38	36	38	38	35	32	31	30	26	23	23	26	23	24	20
1901	50	52	50	55	54	54	48	47	45	39	38	40	41	39	34	36
1902	45	44	43	45	43	41	36	39	34	32	28	28	33	30	27	25
1903	45	48	44	49	45	45	41	43	37	36	32	32	36	34	30	29
1904	45	47	44	45	47	44	38	40	38	32	30	30	33	28	26	25
1905	43	43	40	43	42	42	37	37	36	31	27	28	30	27	24	24
1906	44	44	43	44	45	42	40	38	38	33	32	31	33	31	27	27
1907	60	61	63	60	66	60	57	56	54	45	42	41	48	47	41	38
1908	60	59	62	62	64	58	56	55	55	49	47	47	49	47	43	42
1909	58	64	50	58	53	53	49	50	50	41	39	38	41	39	35	35
1910	48	51	50	50	48	44	42	44	41	35	31	30	35	34	32	27
1911	54	61	59	58	58	56	51	50	50	45	43	42	46	45	40	41
1912	51	48	48	47	45	49	42	44	41	33	30	30	33	32	26	27
1913	55	56	52	54	50	55	47	47	46	40	38	38	39	37	32	34
1914	57	58	55	56	58	55	51	54	51	45	43	44	45	43	40	41
1915	45	54	53	51	50	55	45	48	44	36	34	35	35	36	32	32
1916	67	69	65	66	68	69	62	61	57	53	51	51	53	51	47	48
1917	85	84	85	81	75	79	75	70	73	64	63	65	64	66	63	63
1918	90	87	90	91	90	90	84	79	80	70	67	67	69	67	63	64
1919	92	85	90	90	95	88	83	80	80	72	69	70	71	70	64	64
1920	85	75	75	80	80	75	67	75	66	50	46	43	48	49	36	36
1921	55	60	59	59	60	60	47	45	45	33	29	29	36	33	23	25
1922	47	60	56	63	60	65	51	55	48	45	40	39	41	39	32	35
1923	56	64	63	63	60	62	55	55	52	45	39	39	43	43	34	37
1924	65	73	69	70	75	70	62	64	62	52	48	47	48	48	43	44
1925	55	64	59	65	65	61	52	54	51	39	37	35	40	38	31	32
1926	63	65	60	70	70	66	50	50	49	39	35	35	40	40	34	35
1927	68	70	65	70	75	69	55	53	54	45	43	43	48	47	40	42
1928	70	65	70	70	70	70	54	53	53	42	37	38	43	43	35	37

TABLE 39.—Oats: Estimated average price per bushel received by producers, by States, December 1, 1866-1928—Continued

Year	Missouri	North Da-	South Da-	Nebraska	Kansas	Delaware	Maryland	Virginia	West Vir-	North Car-	South Car-	Georgia	Florida	Kentucky	Tennessee	Alabama
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1866	31			32	33	38	38	31		49	77	70	87	33	35	73
1867	35			42	35	52	49	34	37	46	54	04	90	41	44	62
1868	32			40	42	45	48	40	38	48	63	59	74	36	47	65
1869	33			27	29	36	40	38	36	52	75	75	100	38	48	72
1870	37			27	36	45	42	38	36	51	75	75	90	30	41	71
1871	23			22	27	37	43	44	40	57	78	72	91	37	41	78
1872	20			14	19	37	35	41	34	71	71	74	82	43	87	73
1873	28			24	21	42	41	41	35	52	78	60	94	38	38	72
1874	42			45	48	47	50	49	48	60	82	70	91	50	51	82
1875	24			19	21	37	38	43	37	51	75	78	92	40	39	73
1876	24			21	20	31	31	37	32	49	75	62	91	35	36	61
1877	20			15	18	34	31	33	30	45	66	63	92	38	39	57
1878	18			17	17	27	28	34	26	43	54	55	76	28	33	54
1879	26			23	26	35	40	38	32	45	68	57	83	36	35	65
1880	29			26	32	38	38	41	33	51	71	75	95	37	40	73
1881	45			37	40	45	48	53	47	62	97	87	92	47	50	89
1882	32	38		25	30	45	44	47	45	48	50	55	75	40	41	60
1883	25	28		20	21	40	39	47	40	51	63	56	79	37	38	57
1884	25	23		19	22	35	35	42	39	46	50	57	60	35	42	55
1885	26	23		19	23	38	35	41	35	50	54	53	67	33	34	54
1886	25	30		19	25	35	33	34	30	45	62	60	63	32	32	62
1887	26	25		21	29	33	33	35	35	44	59	58	60	34	38	58
1888	24	26		19	22	35	33	36	36	46	55	53	61	33	36	45
1889	18	27		15	15	29	30	34	31	44	48	50	52	27	30	48
1890	39	32		39	38	45	44	45	45	51	60	60	61	45	45	62
1891	29	26	25	23	27	39	38	41	40	51	61	60	62	37	40	60
1892	30	28	23	23	26	38	38	39	41	45	52	52	55	37	38	51
1893	25	29	25	22	27	38	35	35	38	44	53	52	55	34	31	51
1894	29	29	35	36	31	35	39	37	39	44	53	51	61	36	35	51
1895	18	16	17	14	17	29	27	30	32	38	49	46	65	26	27	42
1896	17	18	13	11	16	21	23	26	28	35	48	41	53	24	26	41
1897	19	26	18	15	18	23	26	29	30	37	45	42	53	27	28	43
1898	23	26	21	20	22	30	29	29	30	37	45	48	54	27	28	41
1899	24	27	23	22	22	25	30	33	35	41	47	48	60	32	32	43
1900	23	32	24	24	23	30	31	37	34	45	48	49	50	31	35	44
1901	43	33	34	37	43	45	41	42	43	51	62	67	72	41	45	64
1902	28	27	29	25	30	42	38	42	41	51	59	53	61	36	42	55
1903	32	31	29	27	30	40	40	43	46	52	59	55	60	41	42	54
1904	34	24	25	25	33	41	36	43	44	52	60	56	60	40	37	54
1905	30	23	23	24	28	40	36	39	39	47	55	53	52	35	39	51
1906	33	27	25	26	31	38	38	43	40	49	57	56	68	38	41	51
1907	41	40	39	37	42	50	49	50	54	60	72	72	75	49	50	67
1908	45	42	41	41	45	54	53	55	56	63	75	72	72	54	53	66
1909	43	33	34	35	43	48	49	54	54	66	72	71	75	51	53	70
1910	32	37	30	28	34	43	46	49	50	60	65	64	65	45	46	60
1911	45	41	43	43	45	47	49	54	56	63	72	70	75	50	50	66
1912	35	22	25	30	35	45	45	52	47	62	66	65	70	44	47	62
1913	45	30	34	38	45	51	48	52	51	61	71	68	70	52	53	69
1914	44	37	38	40	42	50	52	58	55	65	71	70	70	53	53	69
1915	38	27	28	31	37	51	49	55	51	62	67	66	70	48	50	63
1916	53	44	46	47	55	62	61	63	64	74	80	79	71	60	62	75
1917	61	62	61	61	64	78	75	84	79	93	100	117	98	76	83	102
1918	70	61	59	65	73	87	80	100	91	108	118	119	115	90	93	107
1919	71	67	63	65	73	90	82	100	91	106	110	115	120	91	93	105
1920	49	35	33	37	39	70	70	81	79	90	103	108	60	73	78	88
1921	30	21	20	21	27	46	45	56	52	70	73	64	65	48	48	75
1922	44	26	32	34	41	57	51	59	58	67	76	75	77	56	53	80
1923	45	28	31	34	43	60	54	63	63	74	82	85	80	56	60	80
1924	51	36	40	43	47	66	64	72	73	84	97	95	90	67	69	87
1925	44	27	28	36	44	65	53	70	62	76	90	87	90	59	64	78
1926	42	33	36	40	44	59	50	63	59	69	67	69	65	53	55	68
1927	47	35	36	40	45	68	54	64	64	72	75	75	80	60	60	70
1928	42	30	33	38	42	60	56	64	63	78	88	86	88	57	60	75

¹ Dakota Territory prior to Nov. 2, 1889. Not separately reported in 1890.

TABLE 39.—Oats: Estimated average price per bushel received by producers, by States, December 1, 1866—1928—Continued

Year	Mississippi	Arkansas	Louisiana	Oklahoma	Texas	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1866	76	65	116	60	60											70
1867	77	59	116	57	57											62
1868	75	60	119	67	67											59
1869	78	59	91	55	55											77
1870	81	56	67	90	90											70
1871	80	66	101	94	94								83			74
1872	94	57	117	72	72								100			42
1873	79	64	77	76	76								100			60
1874	92	68	97	76	76								100			72
1875	78	51	96	63	63								74			74
1876	63	46		53	53								70			46
1877	68	41		45	45											69
1878	68	45	59	42	42											67
1879	61	46	67	62	62											65
1880	66	53	58	46	46				65				65			60
1881	85	71	89	61	61				81				90			58
1882	57	51	60	54	75	75		50	66	90		61	75	49		58
1883	51	60	65	51	58	57		60	60	62	57	60	55	53		38
1884	57	45	58	42	35	43		40	40	42	35	58	35	30		48
1885	55	45	47	37	42	40		44	46	40	46	40	33	37		48
1886	63	42	52	50	55	55		55	42	48	40	50	45	42		44
1887	57	40	53	37	45	45		45	45	46	43	50	44	40		58
1888	50	42	45	32	34	35		36	42	35	37	63	35	40		60
1889	47	36	44	33	44	45		40	42	42	45	43	39	45		45
1890	60	53	61	55	50	58		50	57	55	55	47	50	56		60
1891	58	42	52	47	48	50		38	55	42	42	41	41	60		60
1892	50	40	50	38	40	37		38	34	56	40	35	37	40		38
1893	47	39	44	42	37	41		40	37	51	33	35	37	38		44
1894	47	40	47	39	31	32		48	46	50	34	31	28	27		39
1895	39	32	36	26	44	29		39	28	45	30	28	27	39		44
1896	44	31	34	34	31	30		53	30	40	39	40	35	40		49
1897	44	33	38	27	33	32		35	32	41	33	35	35	40		50
1898	42	29	38	28	35	36		40	41	41	38	40	40	47		47
1899	50	34	40	30	39	38		40	42	44	40	38	41	46		44
1900	46	35	40	30	42	40		47	43	48	44	40	41	46		44
1901	63	57	60	48	60	36		44	48	50	60	51	70	35	34	44
1902	51	41	50	35	49	36		48	50	51	68	75	47	70	49	51
1903	51	44	46	34	44	35		45	50	41	62	61	49	68	38	44
1904	52	43	45	37	44	46		50	39	46	57	74	47	63	43	47
1905	50	42	45	31	40	43		42	41	41	58	64	44	52	41	51
1906	49	42	45	30	41	44		43	40	45	52	65	45	64	41	52
1907	65	54	55	48	60	46		42	53	50	55	60	48	72	45	71
1908	67	53	64	45	52	49		47	50	54	64	74	48	65	48	67
1909	68	59	62	46	62	42		50	50	53	66	79	52	59	48	66
1910	55	46	49	37	47	46		42	50	46	62	90	48	63	48	47
1911	65	53	65	48	54	40		40	50	48	57	60	47	62	45	59
1912	60	50	51	34	43	35		35	37	38	45	70	49	52	40	41
1913	63	53	57	45	51	32		32	40	44	60	50	40	65	40	60
1914	65	53	63	41	48	39		38	48	45	45	70	43	55	42	53
1915	60	52	55	35	42	32		34	43	41	50	64	45	55	37	50
1916	74	68	68	57	61	47		54	60	67	80	61	75	51	49	72
1917	94	75	94	75	82	81		77	80	78	84	96	85	96	81	85
1918	107	88	89	84	92	80		94	80	80	89	120	97	118	98	94
1919	105	88	100	70	64	91		98	112	90	95	100	98	100	93	92
1920	87	78	82	44	66	51		68	62	60	80	96	80	120	72	80
1921	64	45	70	27	39	34		32	38	33	48	65	37	75	42	51
1922	66	57	69	45	55	37		46	40	45	58	68	47	75	58	64
1923	76	62	68	52	57	38		44	47	46	70	80	58	81	50	60
1924	85	64	83	53	59	47		58	58	58	60	81	70	72	59	61
1925	78	58	80	51	63	53		43	46	50	64	75	62	65	52	51
1926	66	52	64	37	38	53		45	45	44	56	75	60	62	53	50
1927	70	58	66	44	47	44		50	42	48	56	70	60	65	56	48
1928	75	59	65	47	51	41		48	45	60	75	56	65	55	51	60

Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 40.—Oats: Estimated average price per bushel received by producers, United States, 1909–1928

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Weighted average
Average:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1909–1913.....	40.9	38.8	38.4	38.2	38.3	39.0	39.8	40.3	40.9	41.5	41.8	40.9	39.9
1914–1920.....	58.8	55.9	54.6	54.7	56.4	58.7	60.3	62.1	64.3	65.2	64.0	61.9	58.5
1921–1925.....	38.6	37.4	38.4	38.9	40.6	42.2	43.0	43.0	42.5	42.9	43.1	41.8	40.4
1909.....	46.2	41.6	41.0	40.6	41.5	43.9	45.5	45.8	44.4	43.2	42.6	41.9	43.2
1910.....	40.0	37.3	35.6	34.6	33.8	33.2	33.0	32.6	32.8	34.0	36.1	38.8	36.2
1911.....	40.3	41.4	43.2	44.4	45.0	46.3	48.6	50.9	54.0	55.6	53.9	48.4	46.1
1912.....	39.6	34.3	33.6	32.8	32.0	32.3	32.8	33.1	33.6	35.1	36.8	37.6	34.9
1913.....	38.4	39.4	38.8	38.6	39.2	39.2	39.1	39.2	39.5	39.8	39.4	37.8	38.9
1914.....	39.5	42.8	43.1	43.4	44.4	47.6	51.1	52.8	53.4	52.4	49.0	46.0	44.9
1915.....	42.0	36.5	34.7	35.5	37.6	41.8	43.6	42.4	42.3	42.4	41.2	40.2	39.3
1916.....	41.6	43.8	46.8	50.7	51.9	53.3	56.0	59.2	66.2	70.4	69.4	71.3	51.4
1917.....	67.7	62.0	62.0	64.2	70.2	76.3	82.4	87.6	87.4	82.0	77.2	74.6	72.1
1918.....	71.6	70.6	69.6	69.6	70.8	67.6	63.4	64.2	68.4	71.0	71.0	73.1	70.1
1919.....	73.5	70.0	68.6	69.6	74.3	80.4	83.6	87.6	94.5	100.6	103.7	93.2	80.3
1920.....	76.0	65.4	57.6	50.2	45.8	43.7	41.8	40.6	38.0	37.4	36.8	34.7	51.1
1921.....	32.0	30.6	30.1	29.7	30.6	31.9	34.7	36.6	37.2	38.2	37.8	36.2	33.4
1922.....	33.6	33.4	36.4	38.8	40.3	41.5	42.4	43.5	44.8	45.3	43.7	40.2	30.0
1923.....	37.6	38.0	39.4	40.8	42.6	43.4	45.4	46.2	46.5	40.3	46.8	49.4	42.6
1924.....	49.1	47.1	48.9	47.4	50.6	54.0	53.4	49.7	44.7	45.4	45.3	45.3	48.3
1925.....	40.7	38.1	37.2	37.6	30.1	40.0	39.2	38.8	39.4	39.5	38.9	37.7	38.8
1926.....	37.9	35.6	39.0	39.8	41.1	42.6	43.4	43.4	43.2	45.4	48.0	46.3	41.1
1927.....	44.4	43.9	44.6	45.1	48.1	49.3	51.3	54.5	56.9	62.0	61.4	56.2	49.6
1928.....	38.4	36.7	39.0	39.8	42.5								49.6

Compiled from reports of the Bureau of Agricultural Economics. Based on returns from special price reporters. Mean of prices reported on 1st of month and 1st of succeeding month, August, 1909–December, 1923.

TABLE 41.—Oats, No. 3 white: Weighted average¹ price per bushel of reported cash sales at Chicago and Kansas City, by months, 1899–1928CHICAGO²

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
Average:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1909–1913.....	38	39	38	38	39	41	40	40	41	41	42	42	40
1914–1920.....	57	56	55	57	60	62	62	64	67	66	65	65	60
1921–1925.....	39	40	41	42	44	45	44	43	43	44	44	43	42
1899.....	22	23	25	25	24	24	25	26	26	25	25	25	24
1900.....	23	24	24	25	25	20	27	27	28	29	29	35	29
1901.....	37	37	38	42	47	47	44	44	44	44	48	49	43
1902.....	35	33	32	31	32	34	35	34	34	35	39	38	34
1903.....	35	37	36	36	36	39	43	40	41	42	42	40	38
1904.....	34	32	30	31	30	31	31	32	31	32	32	32	32
1905.....	27	28	29	31	31	31	30	30	32	34	38	37	31
1906.....	31	32	33	33	35	36	40	42	42	45	45	45	37
1907.....	46	49	49	47	50	50	51	52	52	53	51	55	50
1908.....	49	49	48	49	40	50	54	54	55	59	56	48	52
1909.....	38	39	40	40	44	48	47	44	42	40	38	41	42
1910.....	35	34	32	32	32	33	31	31	32	34	39	44	33
1911.....	41	45	47	48	47	50	52	53	57	55	53	49	50
1912.....	33	33	33	32	33	33	33	32	35	38	40	40	35
1913.....	42	43	40	40	40	39	39	39	39	40	40	37	40
1914.....	42	48	46	48	40	53	58	57	57	54	49	53	50
1915.....	41	34	36	36	42	48	45	42	44	43	39	41	41
1916.....	44	46	49	55	53	57	56	61	69	70	67	78	54
1917.....	61	60	60	65	77	82	89	93	89	77	77	77	70
1918.....	70	72	69	72	72	65	58	63	70	69	70	78	80
1919.....	73	68	70	73	82	86	86	93	101	100	113	91	51
1920.....	70	62	54	51	48	44	42	42	36	39	37	34	35
1921.....	32	35	31	33	34	34	36	36	38	38	37	36	41
1922.....	32	38	42	43	44	43	44	45	46	45	43	40	45
1923.....	38	40	43	43	44	46	48	47	48	48	51	54	50
1924.....	50	48	50	50	58	58	58	48	42	45	40	44	41
1925.....	41	39	39	40	42	42	41	40	42	41	40	42	43
1926.....	38	38	44	42	46	46	43	44	45	50	49	45	45
1927.....	47	47	48	49	54	55	56	59	63	67	68	56	55
1928.....	38	41	42	44	40								

¹ Average of daily prices weighted by car-lot sales.² Compiled from Chicago Daily Trade Bulletin.

TABLE 41.—Oats, No. 3 white: Weighted average price¹ per bushel of reported cash sales at Chicago and Kansas City, by months, 1899-1928—Continued

KANSAS CITY *

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
Average:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1900-1913	38	40	40	40	41	40	40	39	43	40	41	40	41
1914-1920	58	56	55	57	60	62	63	65	68	67	63	63	60
1921-1925	39	40	42	42	45	46	45	44	44	44	44	44	43
1899	22	22	23	24	24	24	24	24	26	24	24	25	24
1900	22	23	24	24	24	25	26	27	29	30	29	38	26
1901	39	38	38	43	47	47	45	45	45	44	45	47	43
1902	32	32	32	31	32	35	34	31	33	34	44	37	34
1903	34	38	35	34	35	37	41	39	40	42	40	40	37
1904	35	32	30	30	31	31	32	32	30	32	31	33	32
1905	26	27	28	30	31	31	31	31	32	34	37	37	31
1906	30	32	33	33	34	36	40	41	42	45	45	45	38
1907	48	48	48	44	49	49	49	51	49	51	51	50	49
1908	48	48	47	48	49	50	51	53	54	56	56	50	51
1909	41	41	40	39	44	48	46	45	42	40	35	40	42
1910	34	33	32	32	32	32	31	30	32	32	39	43	34
1911	41	46	49	48	48	50	53	53	57	54	52	44	50
1912	34	33	32	34	33	38	39	36	48	40	40	38	37
1913	40	47	45	47	47	34	33	33	35	36	39	37	40
1914	47	47	45	47	48	53	56	57	55	54	46	51	54
1915	38	35	30	30	42	44	47	43	44	43	39	45	40
1916	45	46	48	55	54	56	58	63	71	71	67	75	58
1917	59	60	60	67	76	83	90	91	91	77	72	74	72
1918	74	72	70	69	72	67	61	66	71	71	70	69	66
1919	73	66	69	74	81	87	89	92	106	112	111	91	83
1920	72	63	55	51	49	46	43	43	37	40	37	35	50
1921	32	35	32	32	33	36	37	37	37	39	37	36	34
1922	33	38	42	44	45	44	44	46	47	45	43	40	43
1923	40	40	43	42	44	47	49	48	49	49	49	56	44
1924	50	48	51	50	59	59	53	49	45	47	51	46	51
1925	41	41	40	40	42	43	41	41	42	41	41	41	41
1926	39	42	44	44	47	48	45	46	47	50	51	48	44
1927	48	47	48	49	54	56	56	59	61	68	69	51	53
1928	38	42	42	45	47								

¹ Average of daily prices weighted by car-lot sales.

* Compiled from Kansas City Grain Market Review, formerly Kansas City Daily Price Current, except 1901 from Kansas City Star.

TABLE 42.—Oats, No. 3 white: Weighted average price¹ per bushel of reported cash sales, Minneapolis, by months, 1909-1928

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
Average:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1909-1913	37	38	36	36	37	38	38	38	39	40	40	41	38
1914-1920	55	53	52	54	58	60	60	62	66	63	63	63	58
1921-1925	36	37	38	38	41	42	41	40	40	40	41	40	38
1909	36	37	36	38	41	46	45	43	40	39	36	42	30
1910	35	36	30	31	30	31	29	29	32	33	37	42	33
1911	41	44	46	46	46	48	50	52	54	54	50	47	47
1912	34	31	31	29	30	31	31	30	32	35	38	38	33
1913	40	40	37	37	37	36	36	37	36	38	38	35	38
1914	42	46	44	46	46	46	52	56	55	52	46	50	48
1915	37	33	34	35	40	46	45	41	42	42	38	38	38
1916	44	44	47	53	49	55	56	60	67	69	66	75	52
1917	55	58	58	62	76	81	88	92	88	74	75	74	71
1918	68	69	65	69	69	64	56	60	68	66	66	74	66
1919	70	65	67	69	80	83	82	89	108	105	115	94	80
1920	66	58	51	47	44	41	39	39	33	36	34	34	48
1921	31	33	28	29	30	32	35	34	35	36	33	32	32
1922	29	33	38	39	41	40	40	41	42	41	39	36	36
1923	35	37	40	39	40	43	45	44	45	45	47	51	40
1924	48	45	47	46	54	55	50	44	39	42	46	41	47
1925	38	36	35	36	38	39	37	37	39	38	39	41	37
1926	38	38	42	42	46	46	44	44	44	49	47	45	42
1927	45	44	45	47	52	53	54	56	58	63	65	57	50
1928	35	38	39	41	44								

Compiled from Minneapolis Daily Market Record.

¹ Average of daily prices weighted by car-lot sales.

TABLE 43.—Oats, No. 3 white: Weighted average price¹ per bushel of reported cash sales, by months, St. Louis, 1910-1928; Omaha, 1917-1928

ST. LOUIS²

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
Average: 1914-1920	57	58	55	58	62	63	63	65	66	67	65	66	62
1921-1925	40	41	42	42	45	46	46	44	44	45	45	45	43
1910	35	34	32	31	34	33	32	26	34	34	40	29	33
1911	43	45	46	48	48	51	52	54	57	56	53	45	49
1912	40	33	37	32	34	34	34	33	35	39	38	40	38
1913	40	42	41	40	41	39	40	40	39	40	40	37	40
1914	41	40	45	48	50	54	58	58	57	53	48	63	50
1915	41	37	36	37	42	47	46	43	45	43	40	41	42
1916	43	46	49	56	55	57	58	62	69	70	68	77	59
1917	60	59	58	67	76	84	90	83	89	78	78	76	75
1918	70	71	71	71	76	86	60	65	72	70	70	77	69
1919	74	79	71	74	83	89	88	90	94	113	112	100	89
1920	73	63	65	52	50	45	44	43	38	40	38	36	51
1921	32	36	32	33	34	36	37	37	37	39	37	37	36
1922	33	39	44	44	46	44	45	43	46	46	44	42	43
1923	39	41	44	44	45	48	50	48	50	49	51	57	46
1924	52	48	51	51	59	60	55	50	45	47	50	45	50
1925	42	41	40	40	43	44	42	41	43	42	41	42	42
1926	38	39	44	44	48	47	45	44	46	49	49	47	44
1927	48	48	49	51	55	56	57	60	64	69	70	46	55
1928	38	42	43	46	47								

OMAHA³

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
Average: 1921-1925	37	38	39	39	42	44	43	42	42	42	42	42	41
1917	58	57	72	76	81	88	88	87	80	74	73	78	78
1918	68	70	69	69	70	64	58	62	69	68	66	74	67
1919	71	66	67	72	80	85	86	89	99	108	110	93	84
1920	68	60	52	46	46	42	39	40	34	37	34	33	48
1921	29	32	28	29	30	33	34	34	34	36	34	34	32
1922	31	35	40	42	42	42	42	44	44	43	42	38	41
1923	37	38	41	40	41	45	46	45	47	46	48	52	43
1924	48	46	48	47	57	57	53	47	43	45	47	43	48
1925	39	38	37	37	40	41	39	38	40	39	39	41	39
1926	38	40	42	42	45	46	45	45	45	49	49	45	43
1927	45	45	45	47	51	53	54	56	60	64	65	52	52
1928	36	40	40	43	44								

¹ Average of daily prices weighted by car-lot sales.
² Compiled from St. Louis Daily Market Reporter.
³ Compiled from Omaha Daily Price Current.

TABLE 44.—Oats, all classes and grades combined: Weighted average price¹ per bushel of reported cash sales at five markets, by months, 1920-1928

CHICAGO

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
1920	72.1	62.3	54.1	50.8	48.2	42.5	42.9	42.7	33.9	38.8	37.6	34.9	49.2
1921	29.8	34.9	31.4	32.9	34.4	34.9	36.8	36.9	37.8	38.9	36.9	36.2	34.9
1922	32.7	38.4	42.2	43.7	44.8	43.6	44.5	45.3	46.2	44.9	43.5	41.2	42.0
1923	38.6	40.4	43.2	43.1	44.0	46.9	48.6	47.1	48.4	48.3	50.7	54.8	45.5
1924	50.0	47.1	50.4	49.6	57.2	57.5	52.8	46.9	41.0	45.3	49.2	44.0	49.7
1925	41.3	39.4	39.5	39.6	42.1	42.5	40.8	39.9	42.1	41.2	40.6	42.1	41.0
1926	35.8	39.6	41.5	39.8	43.9	42.5	39.9	39.7	41.6	47.7	47.0	43.5	41.2
1927	46.8	47.8	48.7	49.9	54.6	55.5	56.5	59.2	64.1	67.6	68.3	53.5	54.7
1928	37.5	40.7	41.4	43.9	46.1								

¹ Average of daily prices weighted by car-lot sales.

TABLE 44.—Oats, all classes and grades combined: Weighted average price¹ per bushel of reported cash sales at five markets, by months, 1920-1928—Continued

MINNEAPOLIS

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1920	66.0	57.9	50.9	46.8	43.7	41.0	38.8	38.7	32.4	34.8	34.4	33.8	48.0
1921	30.7	32.7	28.1	29.2	30.2	32.0	35.4	34.3	34.6	35.8	33.5	32.3	31.7
1922	29.1	33.0	37.8	39.6	41.2	39.7	40.3	41.1	42.2	40.7	38.5	36.3	36.9
1923	35.1	36.6	39.4	38.8	39.6	43.1	44.7	43.0	43.9	44.1	47.4	51.0	40.3
1924	48.1	44.8	46.5	45.8	52.6	54.2	49.4	43.1	37.8	41.8	45.4	40.6	46.7
1925	37.6	34.9	33.4	34.1	37.6	38.3	36.3	35.6	37.6	37.3	37.4	37.0	36.8
1926	36.9	34.8	38.0	37.7	43.3	43.8	42.9	41.8	41.3	47.7	45.5	42.6	39.4
1927	44.9	43.6	43.8	45.4	51.5	52.1	53.1	55.2	57.8	61.9	63.1	54.7	60.1
1928	35.0	36.7	37.2	39.4	41.8								

KANSAS CITY

1920	70.3	63.1	54.8	50.5	47.6	45.9	42.8	42.4	37.0	39.8	36.8	34.2	50.5
1921	31.9	34.7	31.3	31.7	32.9	36.0	37.1	36.7	36.4	38.8	36.6	35.7	34.3
1922	33.3	37.8	42.8	44.0	44.8	44.4	45.2	46.6	46.5	45.0	43.0	40.2	43.5
1923	39.7	40.3	43.1	42.6	44.0	48.2	49.3	47.9	48.8	48.9	49.6	54.2	45.0
1924	49.7	47.9	50.5	50.0	57.9	59.6	53.6	49.3	44.3	47.3	60.3	45.8	50.4
1925	41.8	40.7	39.8	39.9	42.5	43.6	41.0	40.4	41.1	41.6	40.4	41.0	41.2
1926	39.5	41.8	44.2	43.1	46.7	46.7	44.1	44.8	45.3	49.7	49.9	47.3	44.4
1927	47.8	40.4	48.1	49.1	54.1	55.9	56.5	50.3	61.4	68.0	68.8	50.0	52.3
1928	37.9	42.3	42.2	44.3	46.3								

ST. LOUIS

1920	72.4	63.4	55.2	52.0	49.9	46.2	44.6	43.1	38.1	39.8	38.7	35.9	50.1
1921	31.6	37.4	32.8	33.1	34.9	36.6	37.3	36.4	37.2	39.0	36.6	36.8	35.8
1922	33.3	39.3	44.6	44.9	47.1	46.5	46.3	44.8	46.5	45.7	44.5	42.1	44.0
1923	39.4	42.2	44.3	44.4	44.6	48.9	49.7	48.1	49.4	49.0	61.2	56.7	46.7
1924	51.0	47.9	51.3	50.6	58.4	59.4	54.8	48.3	43.6	46.8	49.8	44.7	50.5
1925	42.3	41.4	40.5	40.1	43.1	44.4	42.6	41.1	42.7	41.9	41.5	41.6	42.0
1926	36.1	37.4	42.9	40.2	44.6	43.8	41.7	40.6	42.4	46.9	47.5	45.3	42.4
1927	47.0	49.1	49.3	50.7	54.9	56.8	57.2	50.9	64.0	69.2	60.3	44.9	54.9
1928	37.4	42.7	43.0	45.7	46.3								

OMAHA

1920	68.6	59.5	51.8	46.7	45.8	42.1	39.5	39.8	34.0	36.6	34.4	32.5	48.0
1921	29.4	31.4	27.8	29.2	29.7	33.2	34.5	34.0	34.2	36.0	34.1	33.4	32.3
1922	30.4	35.3	40.5	41.4	42.0	41.4	41.8	43.4	43.6	42.6	41.4	37.5	40.2
1923	36.6	37.9	40.6	39.9	40.9	44.2	46.1	45.4	46.4	46.2	47.6	52.2	42.3
1924	46.9	45.6	47.4	47.6	55.7	57.1	53.1	47.0	41.8	44.7	47.4	42.8	48.2
1925	39.3	38.0	37.4	37.3	39.9	41.0	39.0	38.0	39.4	38.8	38.9	40.7	38.8
1926	37.9	39.6	41.2	41.2	44.8	45.4	44.2	44.2	43.5	47.5	47.7	44.9	42.5
1927	44.5	44.5	45.4	46.6	50.7	52.5	53.3	56.3	59.8	64.2	64.9	50.1	52.0
1928	36.0	39.7	39.9	42.5	43.9								

FIVE MARKETS COMBINED

1920	70.9	61.3	53.3	49.9	47.4	43.1	42.4	42.0	34.7	38.6	37.1	34.8	49.2
1921	30.4	34.4	30.4	31.7	33.1	34.6	36.6	36.1	37.0	38.3	36.1	35.3	34.2
1922	31.6	36.5	41.1	42.8	44.1	43.1	43.8	44.3	45.4	44.5	42.8	40.6	41.1
1923	37.6	39.2	41.9	41.8	42.5	46.3	47.8	46.4	47.6	47.9	50.0	54.1	44.1
1924	49.5	46.2	48.5	47.9	55.9	56.9	52.3	46.0	41.1	44.9	48.0	43.5	48.6
1925	40.0	37.1	37.2	37.5	40.3	41.3	39.9	38.7	40.7	40.2	40.0	41.3	39.4
1926	36.3	36.4	40.7	39.6	44.1	43.3	41.2	40.6	41.9	47.5	47.0	44.1	41.3
1927	46.1	45.5	46.6	48.4	53.5	54.4	55.3	57.7	61.8	65.8	66.1	51.9	52.9
1928	36.9	39.6	40.4	42.8	44.8								

Compiled from Chicago Daily Trade Bulletin, Minneapolis Daily Market Record, Kansas City Grain Market Review (Price Current prior to November, 1920), St. Louis Daily Market Record, and Omaha Daily Price Current.

¹ Average of daily prices weighted by car-lot sales.

TABLE 45.—Oats: Wholesale cash price per bushel, Chicago, by months, 1920-1928

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Average: 1921-1925	Cents 41	Cents 41	Cents 43	Cents 43	Cents 46	Cents 46	Cents 47	Cents 45	Cents 44	Cents 45	Cents 45	Cents 45	Cents 44
1920	70	58	53	52	49	45	43	43	38	39	38	37	47
1921	36	38	35	35	36	38	40	39	39	40	37	37	38
1922	34	38	43	44	46	44	46	46	47	45	44	42	43
1923	39	41	44	44	45	47	49	48	49	49	50	56	47
1924	53	50	52	52	60	60	57	49	45	48	51	48	52
1925	42	40	40	40	42	43	41	41	42	42	41	42	41
1926	40	43	47	45	50	50	48	49	48	51	50	48	47
1927	48	49	50	51	55	56	58	61	65	69	71	61	58
1928	39	42	45	47	49								

Compiled from Survey of Current Business, United States Department of Commerce.

TABLE 46.—Oats, May futures: Average of the daily high and low price per bushel on the Chicago Board of Trade, December, 1886-December, 1928¹

Period beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1886						31.1	30.7	29.2	28.9	28.5	
1887						33.7	33.9	31.7	31.1	31.8	
1888			28.4	29.1	29.9	29.2	27.7	27.5	26.1	24.3	
1889		23.9	22.8	22.0	22.5	22.6	22.2	21.6	21.7	23.9	
1890			40.2	44.6	45.5	45.1	45.7	46.4	52.3	54.2	
1891			31.8	31.2	32.8	32.9	31.1	31.3	29.4	28.8	
1892		36.9	36.9	35.1	35.9	34.9	35.0	33.9	32.4	28.9	30.4
1893	29.0	29.8	31.3	31.6	31.3	30.7	30.1	29.6	30.7	32.4	34.0
1894	32.3	35.2	35.2	32.9	32.4	32.3	30.3	29.0	29.4	28.9	23.7
1895	26.6	23.5	21.0	20.5	20.5	19.5	20.1	21.2	20.3	19.5	18.4
1896		19.7	19.0	21.0	22.2	20.5	18.5	17.3	17.2	17.0	17.5
1897			23.4	21.6	22.0	22.6	23.7	25.7	26.1	26.8	29.8
1898		22.9	22.3	23.6	25.4	26.8	27.8	28.1	26.9	26.6	26.3
1899		21.3	22.9	24.4	24.0	24.0	23.7	23.5	23.9	23.8	22.1
1900			24.1	24.0	23.7	25.1	25.5	25.1	25.7	29.2	
1901		38.4	37.9	37.7	41.0	45.3	45.4	43.5	43.9	42.7	42.9
1902		30.4	31.5	32.5	31.5	33.2	35.3	36.4	34.2	33.8	35.4
1903		37.7	38.9	37.0	35.6	36.8	40.9	44.5	40.7	38.5	41.2
1904	34.8	36.6	34.7	31.6	31.3	31.1	31.0	30.8	31.3	29.0	30.5
1905	32.3	29.1	29.9	31.2	32.2	32.3	31.9	30.2	30.1	31.9	33.2
1906	36.9	33.7	34.4	35.1	35.2	35.9	37.3	40.8	41.7	43.6	45.3
1907	41.7	46.6	53.8	54.6	50.5	52.0	52.2	50.8	52.4	52.1	64.1
1908	44.9	49.9	51.8	50.5	50.9	52.0	51.7	53.5	54.9	55.4	59.0
1909	43.8	39.6	41.6	42.0	41.8	44.4	47.6	46.9	44.6	42.1	41.2
1910	42.3	40.5	38.0	34.8	34.2	34.3	34.6	32.0	30.8	31.3	33.6
1911	48.1	47.4	49.0	50.1	49.6	48.5	49.7	52.4	53.4	57.0	56.3
1912	38.3	35.0	34.5	34.4	32.6	32.9	33.7	34.5	33.5	35.0	38.2
1913	44.7	47.3	47.2	43.3	42.0	41.8	39.8	39.8	39.8	37.7	39.4
1914	39.7	48.2	53.6	52.0	53.4	52.5	56.3	59.6	57.9	56.9	52.9
1915		41.5	38.2	39.2	40.5	45.7	51.0	47.9	43.8	44.8	45.2
1916		50.3	51.3	54.0	60.1	54.4	57.5	55.6	59.4	65.9	68.8
1917		59.7	60.6	60.5	64.5	72.6	77.4	83.3	87.2	84.2	75.7
1918						71.4	66.4	58.3	63.6	69.3	68.9
1919		78.9	72.9	73.5	75.5	81.2	83.1	79.4	84.8	94.8	104.4
1920		70.4	65.9	69.8	63.2	49.8	46.2	44.1	42.9	36.8	37.6
1921		42.3	42.8	38.4	37.5	38.3	39.0	41.0	39.0	37.0	37.0
1922		38.0	38.0	41.0	43.0	45.0	45.0	45.0	45.0	45.0	43.0
1923	40.0	41.0	43.0	45.0	44.0	45.0	47.0	49.0	47.0	47.0	47.0
1924	52.0	56.0	56.0	58.0	57.0	63.0	62.0	57.0	48.0	41.0	45.0
1925	51.0	47.0	45.0	44.0	43.0	45.0	45.0	42.0	40.0	42.0	40.0
1926		47.0	47.0	48.0	47.0	49.0	49.0	46.0	45.0	44.0	49.0
1927			52.0	50.0	52.0	50.0	55.5	55.8	57.5	60.6	64.4
1928			43.6	45.1	46.6	48.5					

Data for December, 1886-December, 1921, from office records of the Federal Trade Commission as compiled from annual reports of the Chicago Board of Trade, except quotations in May, 1893-1908, which were compiled from the Chicago Daily Trade Bulletin. Data, January, 1922-November, 1927, compiled by the Division of Statistical and Historical Research from annual reports of the Chicago Board of Trade; December, 1927-December, 1928, from the Chicago Daily Trade Bulletin. Prices were quoted during June of the following years: 1907, 39.9 cents; 1908, 40.4 cents; 1909, 46.3 cents; 1910, 41.2 cents which was for the last half of month only.

¹ Beginning December, 1927, prices are monthly averages of the daily closing prices, which are approximately the same as the averages of the daily high and low prices.

² Standard grade quoted where formerly No. 2 was quoted. ³ Quotations on standard grade given since Apr. 14, 1901, to August, 1901, together with quotations on No. 2.

⁴ Quotations for first 11 days of trading only.

⁵ No quotations for first 5 days of trading.

TABLE 47.—Oats, July futures: Average of the daily high and low price per bushel on the Chicago Board of Trade, April, 1887–December, 1928¹

Period beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1886						30.2	29.4	28.0	26.0	
1887						31.3	31.6	33.2	32.1	
1888						25.7	24.2	23.0	22.6	
1889					21.1	21.2	23.5	26.1	28.0	
1890				41.2	43.0	48.8	61.3	45.7	38.8	
1891							27.7	30.1	31.9	
1892						32.0	28.8	29.4	28.9	27.5
1893				23.7	28.0	28.3	29.3	30.5	37.7	34.5
1894					27.9	28.2	28.1	29.1	28.8	23.7
1895							20.0	19.1	17.1	16.9
1896				² 18.8	18.1	18.2	18.0	17.8	18.0	17.4
1897				22.4	23.8	23.8	23.9	26.1	23.5	23.4
1898				26.3	26.2	25.1	24.9	23.5	24.0	24.0
1899				³ 22.7	22.5	22.9	23.8	22.2	23.2	23.1
1900						24.8	25.4	27.8	27.7	31.8
1901				39.6	39.9	36.9	35.4	35.0	34.8	37.3
1902			⁴ 32.1	32.2	33.0	31.4	30.8	33.0	38.6	39.7
1903			34.0	36.9	40.1	38.9	37.7	38.5	39.1	39.3
1904		31.4	31.0	31.0	30.7	31.0	29.0	29.6	31.4	31.7
1905		31.0	30.9	30.5	29.5	29.2	30.5	32.3	38.1	36.5
1906		33.3	33.5	34.5	37.2	37.1	39.9	45.4	44.9	43.5
1907	49.4	45.8	45.4	45.4	43.7	45.4	43.8	45.4	43.6	50.7
1908	46.1	46.4	46.9	46.3	48.1	49.0	48.6	52.0	51.8	46.7
1909	⁵ 39.9	39.6	42.1	44.3	43.8	42.5	40.1	39.6	37.7	40.8
1910	33.8	34.1	34.2	34.5	31.8	30.8	31.4	33.6	39.4	42.8
1911	⁶ 46.7	46.1	45.2	45.2	48.0	49.6	53.2	51.8	49.5	44.6
1912	34.3	32.6	33.1	33.8	34.5	33.6	34.5	36.4	40.2	39.3
1913	⁷ 42.3	41.5	41.1	39.2	39.6	39.9	38.0	38.3	39.3	36.9
1914				54.1	56.4	53.5	55.1	51.9	45.1	49.8
1915				48.6	45.3	42.4	43.2	42.3	39.4	40.7
1916				51.7	54.9	54.1	57.1	63.5	64.0	62.3
1917							⁸ 73.8	67.0	70.0	74.6
1918					62.8	56.6	62.7	68.3	68.4	69.2
1919			76.0	76.2	71.9	77.6	86.0	90.9	100.9	90.1
1920			49.2	45.8	44.9	44.1	38.2	39.5	38.5	37.5
1921			39.0	39.0	42.0	41.0	40.0	39.0	36.0	34.0
1922	39.0	40.0	42.0	42.0	44.0	45.0	46.0	43.0	41.0	40.0
1923	44.0	43.0	43.0	45.0	47.0	45.0	44.0	44.0	48.0	54.0
1924	56.0	56.0	62.0	62.0	58.0	49.0	42.0	45.0	49.0	44.0
1925	44.0	44.0	46.0	46.0	43.0	41.0	42.0	41.0	41.0	39.0
1926		46.0	48.0	48.0	46.0	46.0	45.0	50.0	49.0	49.0
1927				52.2	52.3	⁹ 53.1	54.2	57.0	54.6	48.3
1928										

Data for April, 1887–December, 1921, from office records of the Federal Trade Commission as compiled from annual reports of the Chicago Board of Trade except quotations in May, 1893–1909, which were compiled from the Chicago Daily Trade Bulletin. Data, January, 1922–July, 1927, compiled by the Division of Statistical and Historical Research from annual reports of the Chicago Board of Trade; January, 1928–December, 1928, from Chicago Daily Trade Bulletin.

¹ Beginning January, 1928, prices are monthly averages of the daily closing prices, which are approximately the same as the averages of daily high and low prices.
² No quotations for first 10 days of trading.
³ Quotation for last half of month only.
⁴ Standard grade quoted where formerly No. 2 was quoted. Quotations on standard grade given since Apr. 14, 1902, to December, 1902, together with quotations on No. 2.
⁵ New option.

TABLE 48.—Oats, September futures: Average of the daily high and low price per bushel on the Chicago Board of Trade, June, 1887–September, 1928¹

Period beginning January	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1887						25.9	26.0	25.2	
1888						26.6	24.9	24.3	
1889						22.6	22.1	20.3	
1890						25.8	29.3	36.7	
1891						32.0	28.0	29.0	
1892					29.2	30.5	30.7	33.7	
1893				30.6	27.2	28.3	25.0	24.3	26.5
1894			² 25.0	25.6	25.8	29.6	28.7	30.5	29.6
1895					27.0	28.6	22.2	20.1	19.2
1896						17.5	16.7	16.8	15.8
1897			³ 18.9	18.8	18.1	18.0	17.9	18.1	19.3
1898				22.4	23.4	21.0	20.1	20.4	20.8
1899				23.1	21.0	21.3	20.2	19.8	21.8
1900				22.9			23.5	21.7	21.5
1901				² 24.7	25.9	26.4	32.2	35.0	34.2
1902	33.4	31.7	30.0	30.3	29.2	28.9	30.3	27.0	33.6
1903		⁴ 29.7	28.5	28.2	30.4	33.5	33.8	34.5	36.4
1904	33.0	34.6	33.3	31.6	30.7	31.7	32.7	33.5	31.0
1905		29.1	29.5	28.8	28.2	29.6	30.0	26.3	26.8
1906	² 29.0	28.4	28.3	29.1	30.4	35.2	34.2	30.4	32.4
1907	² 32.1	32.8	32.6	34.9	38.0	37.5	30.0	46.8	53.7
1908	39.6	37.6	38.1	37.4	37.5	37.6	42.8	47.8	49.1
1909	39.2	40.0	40.6	41.0	44.0	43.8	41.4	37.2	40.6
1910	41.5	40.8	40.0	38.2	38.2	36.7	39.0	35.8	33.2
1911	33.5	31.5	30.7	31.3	33.4	40.2	43.6	42.0	43.9
1912	40.6	41.7	42.3	43.6	43.2	40.8	34.9	32.0	32.6
1913	33.6	34.4	33.7	34.4	36.1	40.3	40.5	41.9	41.7
1914		² 37.9	38.1	36.7	30.7	37.9	35.6	42.5	47.6
1915			² 46.8	47.5	46.2	40.0	37.9	38.9	37.1
1916			³ 39.6	40.0	39.5	38.6	40.4	44.3	45.7
1917			³ 51.2	56.0	55.4	52.8	57.0	56.2	58.9
1918							69.5	70.0	71.8
1919			60.1	65.3	65.5	68.0	77.5	72.9	67.9
1920			69.3	73.8	76.1	83.4	77.0	69.5	60.1
1921			⁶ 42.3	39.0	40.8	40.3	39.7	35.3	35.7
1922		43.0	42.0	42.0	41.0	38.0	36.0	32.0	37.0
1923	41.0	43.0	43.0	45.0	41.0	38.0	35.0	37.0	39.0
1924	43.0	44.0	42.0	40.0	40.0	43.0	47.0	50.0	48.0
1925	50.0	56.0	49.0	43.0	45.0	50.0	45.0	41.0	38.0
1926		43.0	42.0	43.0	42.0	41.0	42.0	40.0	39.0
1927	46.0	45.0	44.0	44.0	47.0	48.0	45.0	47.0	46.0
1928			48.0	47.7	47.6	46.0	41.4	37.6	41.2

Data for June, 1887–September, 1921, from office records of the Federal Trade Commission as compiled from annual reports of the Chicago Board of Trade, except quotations in May, 1893–1909, which were compiled from the Chicago Daily Trade Bulletin. Data February, 1922–September, 1927, compiled by the Division of Statistical and Historical Research from annual reports of the Chicago Board of Trade; March, 1928–September, 1928, from the Chicago Daily Trade Bulletin.

¹ Beginning March, 1928, prices are monthly averages of the daily closing prices, which are approximately the same as the averages of the daily high and low prices.

² Quotations for last half of month only.

³ Quotations scattered.

⁴ Standard grade quoted where formerly No. 2 was quoted. Quotations on standard grade given since Apr. 14, 1902, to February, 1903, together with quotations on No. 2.

⁵ Only 10 quotations with 7 at end of month.

⁶ Quotations for last 11 days of trading.

TABLE 49.—Oats, December futures: Average of the daily high and low price per bushel on the Chicago Board of Trade, September, 1887–December, 1928¹

Period beginning May	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1887.....					² 25.9	² 25.6	26.7	
1888.....					23.9	25.1	25.8	
1889.....					19.9	19.2	20.0	
1890.....					37.4	41.7	42.8	41.9
1891.....					⁴ 28.1	28.7	31.5	
1892.....					34.2	31.5	31.4	
1893.....					27.6	28.2	28.2	28.2
1894.....					31.6	29.2	28.9	29.1
1895.....					18.8	18.2	18.2	17.0
1896.....					18.6	18.4	19.0	17.2
1897.....			³ 18.4	19.2	20.6	19.0	20.2	21.8
1898.....				² 20.1	20.3	22.4	24.8	26.6
1899.....		⁴ 21.8	20.6	19.7	21.5	22.8	22.7	22.3
1900.....					² 22.1	22.3	21.9	21.5
1901.....			³ 35.5	36.3	35.8	35.6	39.6	44.5
1902.....	29.5	29.0	29.8	26.3	26.5	28.2	28.3	31.6
1903.....	⁶ ² 30.8	33.6	34.3	35.8	37.5	36.3	34.6	35.0
1904.....		32.1	33.3	34.6	32.2	29.4	28.9	29.0
1905.....		³ 30.4	30.6	27.2	27.9	29.0	29.8	30.8
1906.....		35.9	35.0	31.5	32.7	33.7	34.0	33.8
1907.....		38.0	39.7	44.9	52.5	52.5	47.2	49.6
1908.....			43.0	48.0	49.6	48.5	49.0	49.7
1909.....	44.6	44.2	41.6	37.2	39.0	39.6	39.2	42.9
1910.....		37.3	39.9	37.7	35.0	31.6	31.1	31.5
1911.....	⁷ 35.2	41.6	45.7	44.6	46.3	47.6	47.0	46.7
1912.....		43.6	41.7	36.0	32.9	32.4	31.1	32.3
1913.....	² 37.7	41.2	42.3	44.4	44.1	39.8	38.1	39.1
1914.....		38.9	37.1	45.3	50.6	48.9	49.5	48.3
1915.....			39.5	38.8	36.0	37.9	39.0	42.6
1916.....		40.0	42.2	47.2	48.3	50.6	56.0	50.5
1917.....		54.7	58.3	56.5	57.6	58.6	64.4	76.5
1918.....					² 73.9	67.8	71.2	71.7
1919.....		68.9	79.5	75.7	70.2	70.9	72.4	79.7
1920.....		80.1	75.4	68.7	62.6	55.1	48.3	46.9
1921.....		41.4	42.1	38.6	38.6	33.9	32.5	32.9
1922.....		41.0	39.0	34.0	36.0	40.0	43.0	44.0
1923.....		39.0	37.0	39.0	40.0	43.0	42.0	42.0
1924.....		44.0	49.0	53.0	52.0	53.0	52.0	58.0
1925.....	46.0	53.0	48.0	44.0	41.0	39.0	39.0	41.0
1926.....		43.0	44.0	43.0	42.0	44.0	42.0	45.0
1927.....			48.0	50.0	48.0	47.0	49.0	52.1
1928.....		47.6	43.8	40.4	41.7	43.1	45.4	48.1

Data September, 1887–December, 1921, from office records of the Federal Trade Commission as compiled from annual reports of the Chicago Board of Trade, except quotations in December, 1893–1902, which were compiled from the Chicago Daily Trade Bulletin. Data June, 1922–November, 1927, compiled by the Division of Statistical and Historical Research from annual reports of the Chicago Board of Trade; December, 1927–December, 1928, from the Chicago Daily Trade Bulletin.

¹ Beginning December, 1927, prices are monthly averages of the daily closing prices, which are approximately the same as the averages of the daily high and low prices.

² November delivery.

³ Quotations for last half of month only.

⁴ October delivery.

⁵ Quotations scattered.

⁶ Standard grade quoted where formerly No. 2 was quoted. Quotations on standard grade given since Apr. 14, 1903, to May, 1903, together with quotations on No. 2.

⁷ No quotations for the first 9 days of trading with the exception of the first day.

92 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 50.—Oats, No. 3 white: Price per pound expressed as percentage of price per pound for No. 3 yellow corn, Chicago, 1909-1928

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Average:	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
1909-1913.....	95	100	107	112	124	127	125	121	116	113	115	114	114
1914-1920.....	77	81	89	96	102	104	104	104	101	94	91	90	94
1921-1925.....	82	90	92	97	104	103	100	99	100	96	96	86	96
1909.....	95	99	119	119	130	131	131	126	120	117	113	116	119
1910.....	96	103	112	114	124	128	121	121	112	110	124	122	116
1911.....	110	118	113	124	135	141	142	136	128	122	124	126	127
1912.....	73	78	89	108	126	126	120	114	111	117	117	113	108
1913.....	99	100	100	97	109	110	110	107	102	100	97	91	102
1914.....	90	106	110	125	134	131	137	138	133	123	116	119	122
1915.....	89	80	97	100	106	114	106	101	101	100	92	89	98
1916.....	91	94	89	98	101	102	98	98	86	77	69	69	89
1917.....	52	50	52	51	76	81	86	96	94	84	83	79	74
1918.....	71	80	86	95	87	80	80	72	76	69	69	71	78
1919.....	66	77	87	87	98	100	103	103	105	94	105	101	94
1920.....	78	83	104	116	114	118	117	119	111	114	103	99	106
1921.....	100	116	121	123	127	124	115	111	115	107	106	98	114
1922.....	90	104	106	106	105	108	107	108	102	96	90	80	100
1923.....	76	79	72	92	108	106	108	107	109	109	109	87	97
1924.....	75	74	80	79	85	82	76	72	70	68	76	71	76
1925.....	70	75	83	84	97	93	96	97	103	101	100	94	91
1926.....	83	84	101	103	107	109	103	114	111	101	86	81	99
1927.....	72	85	100	102	110	108	103	104	104	109	116	92	100
1928.....	65	72	77	92	97								

Compiled from the Chicago Daily Trade Bulletin.

TABLE 51.—Oatmeal: Average wholesale price per 100 pounds, New York, 1913-1928

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Average:	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1914-1920.....	4.02	4.01	4.07	4.15	4.30	4.30	4.38	4.32	4.25	4.15	4.12	4.14	4.19
1921-1925.....	3.32	3.29	3.26	3.10	3.15	3.26	3.41	3.36	3.24	3.25	3.20	3.21	3.26
1913.....	2.19	2.14	2.12	2.03	2.06	2.11	2.75	2.96	2.96	2.89	2.72	2.75	2.48
1914.....	2.46	2.37	2.33	2.33	2.37	2.47	2.53	2.76	3.09	3.19	3.11	3.11	2.70
1915.....	3.21	3.64	3.69	3.54	3.47	3.22	3.09	2.81	2.79	2.69	2.58	2.73	3.11
1916.....	2.89	2.94	2.85	2.81	2.81	2.89	2.98	3.16	3.16	3.29	3.77	3.78	3.10
1917.....	3.81	3.63	3.94	4.70	5.28	5.31	5.36	5.54	5.52	5.33	5.06	5.26	4.90
1918.....	5.48	5.69	6.18	6.00	6.50	5.30	5.40	5.34	5.30	5.61	5.42	5.42	5.67
1919.....	5.15	4.54	4.18	4.18	4.38	4.44	5.23	5.38	5.09	4.60	4.75	4.90	4.76
1920.....	5.13	5.20	5.33	5.49	6.17	6.47	6.00	5.37	4.79	4.28	4.14	3.75	5.20
1921.....	3.64	3.26	3.30	2.90	3.26	3.38	3.40	3.71	3.54	3.14	2.94	2.74	3.28
1922.....	2.68	2.87	2.96	2.91	2.87	3.07	3.18	3.01	3.07	3.28	3.39	3.32	3.04
1923.....	3.31	3.25	3.30	3.20	3.14	3.06	3.21	3.04	2.93	3.11	3.10	3.08	3.15
1924.....	3.10	3.28	3.22	3.18	3.17	3.30	3.33	3.86	3.61	3.04	3.58	3.87	3.48
1925.....	3.89	3.80	3.54	3.26	3.31	3.50	3.44	3.19	3.04	3.06	3.01	3.06	3.34
1926.....	3.09	3.08	3.00	3.07	3.10	3.04	3.01	2.99	2.96	3.10	3.13	3.32	3.07
1927.....	3.35	3.42	3.43	3.46	3.62	3.68	3.60	3.47	3.42	3.40	3.49	3.72	3.51
1928.....	3.73	3.86	3.92	4.07	4.24	4.46	4.34	3.69	3.06	3.02	2.06	3.04	3.71

Compiled from War Industries Board Price Bulletin, No. 11, 1913-1918; subsequently from Bureau of Labor Statistics Wholesale Price Bulletins.

¹ No prices quoted; interpolated.

TABLE 52.—Barley: Acreage, production, farm value, and foreign trade of the United States, 1839, 1849, 1859, 1866-1928

Year	Acreage	Average yield per acre	Production	Farm value Dec. 1		Foreign trade, including malt and flour, year beginning July 1 ¹			
				Per bushel	Total	Domestic exports	Imports ²	Net imports	
								Total	Percentage of crop
1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Bushels	Bushels	Bushels	Per cent	
1839.....			4,162						0.39
1849.....			5,167					19,901	(3)
1850.....			15,826					4,608	156
1866.....	493	22.9	11,284	70.2	7,910			3,247,250	2,876,579
1867.....	1,131	22.7	25,727	70.1	18,023			3,783,966	3,773,726
1868.....	937	24.4	22,806	109.0	24,943			5,069,880	5,010,803

¹ No reports for malt and flour in domestic exports prior to 1879; in imports prior to 1872.

² Figures represent "Imports for consumption" for barley, 1909-1923, and for malt and flour, 1914-1928.

³ Less than 0.005 of 1 per cent.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 93

TABLE 52.—Barley: Acreage, production, farm value, and foreign trade of the United States, 1839, 1849, 1859, 1866-1928—Continued

Year	Acreage	Average yield per acre	Production	Farm value Dec. 1		Foreign trade, including malt and flour, year beginning July 1			
				Per bushel	Total	Domestic exports	Imports	Net imports	
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Bushels	Bushels	Bushels	Per cent
1860	1,026	27.9	28,652	70.8	20,298	255,490	4,727,597	24,622,107	22.50
1870	1,100	23.7	26,205	79.1	20,792	340,093	4,865,507	4,601,860	17.12
1871	1,114	24.0	26,718	75.8	20,264	86,891	5,565,591	5,467,340	20.46
1872	1,397	19.2	26,846	68.6	18,416	482,410	4,498,148	3,996,862	14.89
1873	1,387	23.1	32,044	86.7	27,794	320,399	5,114,498	4,794,036	14.96
1874	1,581	20.6	32,552	86.0	27,998	91,118	6,386,415	6,233,472	19.33
1875	1,790	20.6	30,909	74.1	27,368	317,781	10,546,802	10,207,067	27.66
1876	1,707	21.9	38,710	63.0	24,403	1,186,120	6,985,546	5,762,947	14.86
1877	1,699	21.4	35,638	62.5	22,287	3,921,501	7,266,643	2,574,037	7.22
1878	1,700	23.0	42,240	57.9	24,454	715,536	6,210,065	5,398,161	12.78
1879	1,998	24.4	48,721	59.4	28,939	1,134,079	8,065,604	6,914,945	14.19
1880	1,843	24.5	45,165	66.6	30,001	893,041	10,151,613	9,258,572	20.50
1881	1,968	20.9	41,161	82.3	33,863	217,641	13,217,115	12,999,474	31.63
1882	2,272	21.5	48,954	62.9	30,788	454,313	11,283,780	10,817,914	22.10
1883	2,379	21.1	50,130	68.7	28,420	780,382	8,737,640	7,977,258	15.91
1884	2,609	23.5	61,203	48.7	29,770	686,526	10,330,949	9,657,825	16.78
1885	2,720	21.4	68,360	56.3	32,868	301,000	10,499,833	10,175,419	17.44
1886	2,653	22.4	59,428	53.6	31,841	1,348,760	10,546,467	9,156,091	15.41
1887	2,902	19.6	56,812	61.9	29,464	632,259	11,028,513	10,391,754	18.29
1888	2,996	21.3	63,884	59.0	37,672	1,510,893	11,504,943	9,994,860	15.05
1889	3,281	24.3	78,213	41.6	32,674	1,489,048	11,350,350	10,034,509	12.83
1890	3,406	21.4	73,017	62.6	45,719	1,064,943	5,190,627	3,824,943	5.24
Net exports									
1891	3,705	26.1	96,589	51.8	50,051	2,893,244	3,151,023	246,522	0.26
1892	3,892	23.6	92,037	46.5	42,790	3,139,376	1,973,364	1,199,995	1.30
1893	3,855	21.7	83,700	40.5	33,922	5,301,130	795,616	4,535,266	5.42
1894	4,005	19.5	78,051	43.5	33,924	1,711,032	2,126,879	405,340	.52
1895	4,283	26.9	114,732	32.0	36,678	7,862,187	842,450	7,035,910	6.13
1896	4,172	23.8	99,394	30.0	20,814	20,293,522	1,281,863	10,021,139	19.14
1897	4,150	24.9	103,279	35.2	36,346	11,606,896	129,193	11,477,667	11.11
1898	4,237	23.5	99,922	38.0	39,003	2,679,256	115,006	2,565,700	2.57
1899	4,470	26.1	116,552	39.0	45,479	23,931,427	193,756	23,758,609	20.38
1900	4,545	21.1	96,041	40.5	38,806	8,618,613	175,108	6,445,121	6.71
1901	4,742	25.7	121,764	45.2	55,068	9,079,154	60,151	9,019,003	7.41
1902	5,126	29.1	149,389	45.5	67,944	8,744,729	58,706	8,686,023	5.81
1903	5,698	26.4	146,804	45.4	66,700	11,280,336	93,858	11,186,560	7.62
1904	5,912	27.4	162,105	41.6	67,427	11,104,526	84,018	11,020,523	6.80
1905	6,260	27.2	170,989	30.4	69,959	18,430,745	20,284	18,410,461	10.82
1906	6,730	28.6	192,270	41.6	80,069	8,615,674	41,375	8,632,489	4.49
1907	6,941	24.5	170,008	66.3	112,675	4,553,615	202,127	4,369,508	2.57
1908	7,294	25.3	184,857	66.2	102,037	6,728,784	4,091	6,724,693	3.84
1909	7,699	24.4	187,973	64.8	102,947	4,453,836	4,783	4,449,053	2.37
1910	7,743	22.5	173,832	67.8	100,426	9,506,511	186,953	9,319,558	5.36
1911	7,627	21.0	160,240	86.9	139,182	1,654,966	2,771,902	1,116,936	.70
1912	7,530	29.7	223,824	60.5	112,957	17,873,937	14,996	17,858,941	7.98
1913	7,499	23.8	178,180	53.7	95,731	9,945,300	351,332	6,593,968	3.70
1914	7,565	25.8	194,953	54.3	105,903	28,711,849	103,202	28,608,647	14.67
1915	7,148	32.0	228,851	61.6	118,172	30,820,658	37,479	30,783,179	13.45
1916	7,757	23.5	182,309	88.1	160,646	20,318,620	461,055	19,857,565	10.89
1917	8,933	23.7	211,759	113.7	240,758	28,717,055	516,768	28,200,289	13.32
1918	9,740	26.3	256,225	91.7	234,942	26,988,033	23,727	26,964,306	10.52
1919	6,720	22.0	147,608	120.6	178,080	34,554,555	335,079	34,219,476	23.18
1920	7,600	24.9	189,332	71.3	135,083	27,254,572	20,171	27,234,401	14.38
1921	7,414	20.9	154,946	41.9	64,934	27,543,395	7,790	27,535,605	17.77
1922	7,317	24.0	182,068	62.5	95,560	21,909,292	29,370	21,879,922	12.02
1923	7,835	25.2	197,691	64.1	107,038	13,913,419	40,808	13,872,611	7.02
1924	6,925	26.2	181,575	74.1	134,590	28,543,163	39,088	28,504,075	15.70
1925	8,088	26.7	216,554	58.9	127,453	30,447,969	40,634	30,407,335	14.04
1926	7,070	23.2	184,905	57.5	106,237	19,654,539	39,626	19,614,913	10.61
1927	6,476	28.1	205,882	67.8	180,200	39,274,472	23,428	39,251,044	14.84
1928	12,508	28.4	357,437	55.2	197,459				

Acreage, yield, production, and value compiled from records of the Division of Crop and Livestock Estimates. Figures in italics are census returns. Foreign trade compiled from Commerce and Navigation of the United States, 1849-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1926; January and June issues, 1927-1929; and official records of the Bureau of Foreign and Domestic Commerce. Net exports equal total exports (domestic plus foreign) minus total imports. Net imports equal total imports minus total exports (domestic plus foreign). Value 1866-1878 reduced to gold basis. United States acreage and production figures for 1879, 1889-1909 were revised about 1912 and the figures adopted at that time are now accepted as the official figures for the United States as a whole and appear in this table. Revisions were based upon State revisions, but the revisions by States have not been published. These revisions affect also figures for stocks on farms over the same period.

* Not including malt which was reported in value only.

• Net imports.

TABLE 53.—Barley: Estimated acreage, by States, 1866-1928

[In thousands of acres—i. e., 000 omitted]

Year	Maine	New Hampshire	Vermont	Mas-sachu- setts	Rhode Island	Con- necti- cut	New York	New Jer- sey	Penn- sylva- nia	Ohio	Indi- ana	Illinois	Mich- igan
1866	31	4	4	7	1	1	190	1	28	66	18	42	17
1867	34	4	4	6	2	1	194	1	31	105	10	45	20
1868	35	4	4	7	2	1	179	1	28	104	16	38	19
1869	36	4	4	6	2	1	191	1	27	102	18	60	27
1870	30	5	5	6	1	1	312	(1)	21	67	33	112	25
1871	21	3	5	5	1	1	268	(1)	25	61	13	81	24
1872	26	3	5	5	1	1	278	(1)	25	76	13	79	24
1873	25	4	4	5	1	1	277	(1)	19	72	26	99	24
1874	22	3	4	5	1	1	298	(1)	19	51	26	119	29
1875	32	4	4	5	1	1	433	-----	23	43	26	113	26
1876	36	4	5	2	(1)	1	300	-----	26	40	26	124	48
1877	37	5	5	2	(1)	1	270	-----	26	56	-----	120	39
1878	37	5	5	3	(1)	1	259	-----	26	51	20	84	49
1879	38	5	5	3	(1)	1	248	-----	28	39	20	55	39
1880	11	4	11	3	-----	-----	352	-----	21	54	10	20	30
1881	11	4	11	3	1	1	356	-----	23	68	15	49	51
1882	11	4	11	3	1	1	369	-----	28	68	16	48	54
1883	11	4	11	3	1	1	358	-----	28	59	16	43	51
1884	12	4	11	3	1	1	354	-----	27	37	20	42	51
1885	12	4	12	3	1	1	340	-----	26	41	15	41	52
1886	11	4	12	3	1	1	351	-----	28	35	21	43	50
1887	11	4	12	3	1	1	340	-----	27	28	20	41	44
1888	11	4	12	3	1	1	343	-----	27	26	19	37	43
1889	12	5	16	2	(1)	(1)	349	(1)	21	37	10	41	49
1890	14	5	17	2	(1)	(1)	314	(1)	20	35	11	37	98
1891	14	5	18	2	(1)	(1)	321	(1)	20	38	11	44	101
1892	14	5	18	2	(1)	(1)	311	(1)	19	38	10	42	91
1893	14	5	18	2	(1)	(1)	271	-----	19	35	7	31	80
1894	14	5	18	2	(1)	(1)	260	-----	17	33	8	28	76
1895	13	5	19	2	(1)	(1)	239	-----	13	29	7	18	69
1896	12	5	18	2	(1)	(1)	213	-----	10	27	6	17	58
1897	12	5	18	2	(1)	(1)	191	-----	9	24	5	14	47
1898	12	5	18	2	(1)	(1)	172	-----	9	22	4	13	42
1899	12	5	17	2	(1)	(1)	169	-----	9	21	6	14	39
1900	11	5	17	2	(1)	(1)	171	-----	8	23	8	13	38
1901	9	2	13	-----	-----	-----	120	-----	9	31	12	21	40
1902	9	2	13	-----	-----	-----	118	-----	9	32	11	23	39
1903	8	2	13	-----	-----	-----	110	-----	9	29	11	23	38
1904	8	2	13	-----	-----	-----	98	-----	9	29	10	24	36
1905	8	2	13	-----	-----	-----	91	-----	9	23	9	24	33
1906	8	1	13	-----	-----	-----	86	-----	9	22	8	25	70
1907	8	2	14	-----	-----	-----	79	-----	9	28	9	25	08
1908	8	2	14	-----	-----	-----	77	-----	9	30	9	30	70
1909	4	1	11	-----	-----	-----	80	-----	8	24	10	63	93
1910	4	1	12	-----	-----	-----	81	-----	8	22	10	55	93
1911	4	1	12	-----	-----	-----	80	-----	7	20	9	55	90
1912	4	1	12	-----	-----	-----	82	-----	7	20	9	57	87
1913	5	1	12	-----	-----	-----	77	-----	7	40	8	54	85
1914	5	1	12	-----	-----	-----	75	-----	7	35	8	55	90
1915	5	1	12	-----	-----	-----	85	-----	8	30	13	54	85
1916	6	1	15	-----	-----	-----	90	-----	12	33	15	60	100
1917	6	1	13	-----	-----	-----	110	-----	13	52	35	130	140
1918	6	1	13	-----	-----	-----	125	-----	15	115	50	250	300
1919	4	1	9	-----	-----	-----	171	-----	14	114	74	177	207
1920	4	1	11	-----	-----	-----	170	-----	15	102	81	182	255
1921	4	1	9	-----	-----	-----	158	-----	13	97	65	173	200
1922	3	1	9	-----	-----	-----	158	-----	12	73	30	190	140
1923	4	1	9	-----	-----	-----	190	-----	12	74	30	228	150
1924	3	-----	5	-----	-----	-----	135	1	11	55	20	225	115
1925	3	-----	0	-----	-----	-----	157	1	15	110	32	315	129
1926	4	-----	0	-----	-----	-----	179	1	18	116	23	302	133
1927	4	-----	0	-----	-----	-----	188	2	21	155	35	453	186
1928	4	-----	0	-----	-----	-----	169	2	29	333	78	680	270

1 Less than 500 acres.

TABLE 53.—Barley: Estimated acreage, by States, 1866–1928—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Wisconsin	Minnesota	Iowa	Missouri	North Dakota ¹	South Dakota ²	Nebraska	Kansas	Delaware	Maryland	Virginia	West Virginia
1866	34		25	6			(1)	(1)	1	1		
1867	35	15	39	8			(1)	(1)	(1)	1	(1)	3
1868	37	16	43	7			(1)	(1)	(1)	1	(1)	3
1869	58	32	45	13			(1)	1	(1)	1	2	4
1870	54	40	47	11			8	4	(1)	1	(1)	3
1871	51	38	71	10			9	5	(1)	1	(1)	5
1872	54	37	79	11			12	5	(1)	1	(1)	5
1873	57	40	237	13			12	19	(1)	1	(1)	2
1874	58	39	236	12			15	24	(1)	1	1	3
1875	71	40	283	24			17	37				3
1875	82	70	242	20			21	84				3
1876	182	72	230				22	81				3
1877	164	86	212				23	83				3
1878	160	88	195				80	45				3
1879	196	117	171	6			90	20				3
1880	216	128	168	6			142	20		(1)	1	1
1881												
1882	231	309	201	8	28		156	21		(1)	1	1
1883	252	318	211	8	31		164	19		(1)	1	1
1884	315	334	222	8	107		169	22		(1)	1	1
1885	415	338	222	7	96		177	42		(1)	1	1
1886	318	368	224	8	56		172	34			1	1
1887	327	379	231	9	227		174	29			1	1
1888	458	386	196	8	257		156	7			1	1
1889												
1889	475	359	519	2	109	97	83	7		1	2	(1)
1890	465	369	524	2	152	135	84	9	(1)	1	2	(1)
1891	489	384	534	2	154	137	88	13	(1)	1	2	(1)
1892	480	399	524	2	178	143	90	14	(1)	1	2	(1)
1893	459	419	513	2	187	155	77	16				
1894	430	461	498	1	202	153	60	16				
1895	371	484	453	1	291	130	49	18				
1896	326	417	390	1	236	116	46	19				
1897	281	362	382	1	207	100	43	17				
1898	258	323	351	1	190	108	40	26				
1899	256	326	402	1	246	105	36	187				
1900	245	325	445	1	244	108	33	195				
1901	493	840	529	2	267	291	74	138		2	3	
1902	488	908	513	2	502	306	65	139		2	3	
1903	484	1,098	483	2	577	339	64	138		2	3	
1904	498	1,131	487	2	623	350	69	150		1	3	
1905	493	1,075	449	2	690	332	66	153		1	2	
1906	728	1,128	556	2	613	790	120	359		1	2	
1907	801	1,185	556	2	865	875	116	366		1	2	
1908	825	1,300	500	2	940	928	118	275		1	3	
1909	816	1,574	571	8	1,216	1,115	114	166	(1)	5	10	(1)
1910	800	1,450	525	7	1,090	1,050	127	260		4	10	
1911	820	1,475	500	6	1,050	1,020	120	250		4	10	
1912	845	1,490	470	6	1,176	887	113	176		4	10	
1913	725	1,450	400	5	1,275	958	110	240		5	11	
1914	675	1,378	360	5	1,450	850	113	240		5	11	
1915	540	1,250	275	5	1,450	750	105	270		5	12	
1916	610	1,375	295	5	1,725	825	110	375		6	12	
1917	600	1,275	300	6	1,825	1,166	213	750		5	12	
1918	712	1,300	538	10	1,734	1,325	343	604		6	12	
1919	616	814	236	9	1,085	771	217	509		4	9	
1920	502	895	180	7	1,085	1,028	256	767		4	10	
1921	473	935	136	7	1,090	1,120	199	728		4	9	
1922	443	908	161	5	1,008	881	242	1,074		4	9	
1923	465	982	158	6	1,250	890	339	924		4	10	
1924	391	915	136	4	1,468	790	251	447		11	15	
1925	461	1,098	175	6	1,732	915	233	380		12	16	
1926	521	1,307	208	9	1,472	778	227	266		10	14	
1927	620	1,460	454	7	1,663	1,200	246	452		9	13	
1928	725	2,000	802	18	2,179	1,680	430	633		13	14	

¹ Less than 500 acres.

² Dakota Territory prior to Nov. 2, 1889.

TABLE 53.—Barley: Estimated acreage, by States, 1866-1923—Continued

[In thousands of acres—i. e., 000 omitted]

Year	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
1866			1		10	1	1	(1)	(1)			3
1867	(1)	1	1	(1)	9	1	1	1	(1)			2
1868	(1)	1	1	(1)	9	1	1	1	(1)			3
1869	(1)	1	1	(1)	16	2	1	1	(1)			2
1870	(1)	(1)	1		16	1						2
1871	(1)	(1)	(1)		11	4	(1)	(1)	(1)	(1)		2
1872	(1)	(1)	(1)		11	4						2
1873	(1)	(1)	1		11	4						2
1874	(1)	(1)	1		10	4	1					2
1875			1		12	4						2
1876					13	4						3
1877					13							
1878					13							
1879					12							
1880			1		20	3						6
1881	(1)	1	1		20	3	1					5
1882	(1)	1	2		21	3	1					6
1883	(1)	1	2		20	3	1					7
1884	(1)	1	2		20	3	1					8
1885	(1)	1	2		21	3						8
1886	(1)		1		19	3	1					8
1887	(1)		2		14	3						8
1888					11	3						16
1889	(1)	1	1	(1)	6	4	(1)	(1)	(1)	(1)		3
1890	(1)	1	1	(1)	6	4	(1)	(1)	(1)	(1)		3
1891	(1)	1	1	(1)	6	4	(1)	(1)	(1)	(1)		3
1892	(1)	1	1	(1)	6	4	(1)	(1)	(1)	(1)		3
1893					5	3						3
1894					4	3						3
1895					3	3						2
1896					2	2						2
1897					2	2						2
1898					1	2						2
1899					1	2						2
1900					1	2						2
1901					1	2					15	5
1902					1	1					16	5
1903					1	1					15	5
1904					1	1					16	5
1905					1	1					15	5
1906					1	1					16	5
1907					1	1					35	4
1908					1	1					30	4
1909	1	(1)	(1)	(1)	3	3	(1)	(1)	(1)		10	4
1910					3	3					11	5
1911					3	3					10	5
1912					3	2					8	6
1913					3	2					7	7
1914					5	5					7	8
1915					6	8					8	8
1916					6	10					8	9
1917					5	6					8	9
1918					6	8					20	10
1919					6	6					77	78
1920					5	6					116	78
1921					6	9					122	78
1922					6	14					129	93
1923					7	17					129	108
1924	7				5	20					208	166
1925	10				6	22					126	116
1926	15				7	40					110	174
1927	20				6	42					36	195
1928	32				2	21					54	156

¹ Less than 500 acres.

TABLE 53.—Barley: Estimated acreage, by States, 1866-1928—Continued

[In thousands of acres—i. e., 000 omitted]

Year	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	The Territories
1866												
1867												551
1868											375	
1869								(9)		6	348	13
1870								12		6	274	11
1871								12		7	364	15
1872								13		10	603	14
1873								15		13	385	13
1874								18		14	552	15
1875								19		17	503	25
1876								22		19	536	30
1877										17	488	
1878										16	650	
1879										16	631	
1880				5				20		29	520	67
1881				5				21		29	537	70
1882	2	11		6	3	17	12	21	18	30	559	
1883	2	12		5	3	18	12	22	21	33	625	
1884	2	13		6	3	22	13	24	26	34	658	
1885	2	14		7	3	22	13	23	27	35	702	
1886	3	13		7	3	23	20	24	29	35	722	
1887	3	14		7	3	23	30	23	31	36	795	
1888	4	15		12	3	25	30	21	33	39	787	
1889	5	10		12	1	11	6	8	52	38	816	1
1890	5	10		12	2	11	6	8	53	39	677	1
1891	5	10		12	1	11	7	9	53	39	813	(1)
1892	5	11		13	2	11	7	9	50	39	845	1
1893	5	10		13	2	11	6	8	46	37	761	
1894	5	10		12	2	10	6	8	47	36	738	
1895	6	11		14	2	10	6	8	52	35	937	
1896	6	11		13	1		6		40	31	918	
1897	5	11		12	1		6		38	29	882	
1898	5	11		12	1		6		37	28	873	
1899	6	12		12	1		6		40	28	855	
1900	5	12		13	1		6		41	31	890	
1901	16	34	1	21	1	13	9	7	133	62	1,090	
1902	18	38	1	21	1	14	8	7	140	62	1,144	
1903	18	42	1	19	1	17	8	7	162	62	1,201	
1904	17	46	1	19	1	15	8	7	167	61	1,238	
1905	15	66	1	19	1	15	8	7	169	60	1,238	
1906	14	47	3	19	1	13	12	7	159	60	1,425	
1907	17	49	4	25	1	26	11	7	165	61	1,040	
1908	25	52	4	24	1	29	12	8	170	62	1,082	
1909	27	132	9	71	2	33	27	12	172	109	1,195	
1910	30	136	10	75	2	35	23	12	176	113	1,500	
1911	31	142	11	74	2	35	24	12	176	116	1,450	
1912	39	159	11	76	2	36	25	12	183	119	1,392	
1913	60	180	13	100	4	38	30	12	180	120	1,275	
1914	70	185	16	103	5	35	32	13	182	122	1,402	
1915	80	191	17	120	8	35	34	12	175	130	1,360	
1916	95	190	25	160	11	32	34	12	165	140	1,190	
1917	60	175	28	168	13	33	33	11	170	182	1,350	
1918	87	170	30	206	13	30	32	12	173	164	1,320	
1919	75	90	8	153	10	25	16	6	85	67	987	
1920	64	92	6	216	11	20	19	5	82	75	1,250	
1921	75	87	9	202	10	29	16	6	80	70	1,188	
1922	92	85	20	186	9	25	18	6	74	80	1,129	
1923	105	93	28	300	11	36	22	5	85	88	1,095	
1924	104	118	25	327	6	20	14	6	70	65	765	
1925	156	124	34	410	5	20	18	8	91	96	1,050	
1926	150	112	42	380	8	25	20	7	64	82	1,080	
1927	195	129	59	410	8	20	30	9	58	91	964	
1928	209	144	95	547	12	17	34	11	55	105	1,044	

Compiled from records of the Division of Crop and Livestock Estimates. The State figures shown in this table for 1879, 1880-1909 are the only State figures available for publication. The sum of these State figures over this period will not agree with the revised figures for the United States given in this table.

¹ Less than 500 acres.

² State of Nevada included in "The Territories," 1869.

TABLE 54.—Barley: Estimated average yield per acre, by States, 1866-1928

Year	Maine	New Hampshire	Vermont	Masachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio	Indiana	Illinois	Michigan
	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>
1866	24.0	25.0	29.0	22.0	28.3	23.5	23.5	20.0	22.3	19.5	19.0	25.0	25.0
1867	18.3	24.5	23.4	22.0	25.0	23.2	20.0	21.5	20.0	24.0	21.1	22.3	20.9
1868	16.1	21.6	23.0	20.1	23.0	20.0	21.4	22.9	21.4	22.5	20.6	25.8	23.3
1869	20.7	27.0	22.8	25.0	23.0	23.0	24.1	24.0	23.6	25.5	22.9	20.9	24.2
1870	19.5	21.5	23.3	20.7	24.0	26.5	21.2	28.0	23.9	23.5	24.1	20.0	25.0
1871	21.5	29.4	22.8	24.2	23.0	22.0	25.9	26.0	18.6	26.1	27.4	25.5	23.2
1872	20.6	27.5	22.0	23.2	23.0	23.1	23.5	23.5	18.4	23.2	24.0	26.1	23.6
1873	16.7	20.0	23.8	22.0	25.5	23.5	21.2	24.0	20.6	21.8	22.2	23.0	18.9
1874	20.0	26.0	28.0	22.3	26.0	22.0	21.7	18.0	23.0	23.0	20.6	17.2	17.5
1875	21.0	25.1	29.4	24.5	20.0	20.0	18.0	-----	23.0	18.5	17.0	25.6	20.5
1876	18.5	24.8	22.5	25.0	19.0	25.0	22.0	-----	22.0	20.0	15.2	17.7	20.0
1877	17.5	23.0	26.0	24.0	20.0	23.5	23.0	-----	24.0	22.0	-----	23.0	25.0
1878	22.0	20.0	27.0	20.0	19.0	22.0	19.0	-----	26.0	29.0	25.0	23.0	26.0
1879	25.0	21.0	26.0	21.0	19.0	22.0	25.0	-----	22.0	33.0	27.0	23.0	26.0
1880	21.5	25.4	28.3	22.0	-----	23.4	23.6	-----	24.0	26.3	25.0	22.3	28.0
1881	22.0	22.2	25.4	25.6	23.1	19.8	23.6	16.8	21.1	10.4	26.0	15.5	24.3
1882	18.1	18.7	25.6	21.9	22.0	19.3	24.8	16.3	22.7	16.8	25.5	10.7	24.9
1883	23.0	20.4	24.8	23.9	26.3	22.9	24.2	16.9	21.0	16.0	21.6	20.1	21.0
1884	21.8	20.3	23.1	23.1	24.3	22.2	22.5	15.7	21.4	26.7	21.6	23.5	21.6
1885	22.4	22.4	25.2	25.2	24.0	22.2	22.0	19.4	18.5	20.5	17.3	24.2	23.3
1886	22.5	23.1	26.0	23.1	25.5	22.2	22.0	-----	18.0	27.0	21.0	23.0	22.5
1887	21.3	22.0	22.2	22.6	22.6	21.9	19.8	-----	17.8	20.5	18.0	17.5	19.5
1888	21.2	21.4	22.2	21.0	23.6	21.9	21.6	-----	17.0	22.4	21.7	24.3	22.5
1889	23.9	22.8	25.6	21.7	22.0	21.0	23.5	22.0	23.6	28.6	25.0	26.8	25.4
1890	20.0	20.0	22.5	22.0	21.7	21.0	16.7	15.5	20.0	10.5	16.5	20.3	23.3
1891	26.5	26.3	27.3	26.7	28.0	23.5	23.3	23.6	22.5	25.7	23.5	26.0	24.5
1892	22.3	23.5	26.0	22.5	21.5	23.7	22.2	23.7	21.6	23.5	27.9	17.9	23.4
1893	26.1	25.3	27.5	25.3	25.2	20.3	-----	-----	19.0	22.7	19.9	23.2	16.4
1894	26.1	24.4	27.9	21.7	30.0	-----	17.5	-----	16.6	28.5	20.7	23.5	20.6
1895	32.4	25.6	33.2	23.5	23.5	22.9	-----	-----	20.2	28.2	15.0	20.0	18.1
1896	30.6	29.3	33.0	30.0	29.0	23.2	-----	-----	17.2	20.2	20.3	23.7	22.3
1897	25.0	22.5	28.5	34.5	28.0	25.0	-----	-----	24.5	28.5	19.0	25.0	21.5
1898	27.0	23.5	30.0	24.5	28.0	25.2	-----	-----	19.4	28.7	23.4	27.3	25.2
1899	29.0	25.0	31.0	30.0	29.0	24.0	-----	-----	21.0	28.0	25.0	29.0	24.0
1900	27.4	22.7	29.1	25.8	28.0	22.0	-----	-----	19.0	27.0	24.6	25.6	23.9
1901	27.5	21.5	29.6	-----	-----	14.0	-----	-----	17.2	24.9	25.4	24.5	22.8
1902	29.4	21.2	29.7	-----	-----	28.5	-----	-----	21.0	32.3	28.0	28.6	28.6
1903	29.9	19.8	29.2	-----	-----	26.6	-----	-----	21.3	23.3	22.8	28.2	25.2
1904	32.7	20.7	33.1	-----	-----	26.8	-----	-----	22.6	27.5	20.2	27.1	24.1
1905	29.0	20.8	39.2	-----	-----	25.7	-----	-----	25.0	26.2	28.0	30.0	27.0
1906	31.5	21.4	32.8	-----	-----	26.3	-----	-----	25.0	30.0	29.4	30.0	26.1
1907	28.0	24.0	28.5	-----	-----	25.0	-----	-----	25.5	28.0	20.5	28.0	22.0
1908	28.0	24.0	33.0	-----	-----	26.0	-----	-----	26.0	27.5	23.0	28.5	25.5
1909	28.5	25.0	30.0	-----	-----	24.8	-----	-----	21.8	25.9	23.5	28.0	24.7
1910	31.0	26.0	31.0	-----	-----	28.3	-----	-----	26.5	28.5	27.0	30.2	26.0
1911	28.0	24.0	30.5	-----	-----	25.0	-----	-----	25.0	27.2	26.5	28.0	24.0
1912	26.2	28.0	35.0	-----	-----	26.0	-----	-----	27.5	31.0	26.5	31.5	26.0
1913	28.0	28.0	32.0	-----	-----	26.7	-----	-----	26.0	24.0	25.0	26.0	24.8
1914	30.0	32.0	34.5	-----	-----	28.0	-----	-----	28.0	25.0	25.0	29.5	26.0
1915	26.5	30.0	35.0	-----	-----	32.0	-----	-----	29.5	31.0	28.0	34.0	29.5
1916	26.0	28.0	27.5	-----	-----	23.3	-----	-----	25.0	27.8	27.0	32.0	29.5
1917	21.0	25.0	29.0	-----	-----	28.0	-----	-----	28.0	33.0	30.5	37.5	24.4
1918	25.0	32.0	31.0	-----	-----	31.5	-----	-----	28.0	31.5	37.0	36.0	30.0
1919	28.0	24.8	25.0	-----	-----	22.0	-----	-----	24.5	23.0	25.0	27.0	17.0
1920	26.0	26.0	28.0	-----	-----	29.0	-----	-----	24.0	27.7	27.0	30.4	26.0
1921	26.0	23.0	25.0	-----	-----	21.0	-----	-----	21.5	26.0	19.0	26.3	17.5
1922	28.0	28.0	29.0	-----	-----	26.0	-----	-----	25.5	19.5	17.0	29.5	25.7
1923	30.0	26.5	29.0	-----	-----	26.8	-----	-----	22.4	27.0	23.0	20.0	24.0
1924	24.0	-----	31.0	-----	-----	30.6	20.0	-----	20.5	28.0	24.0	32.0	29.3
1925	35.0	-----	32.0	-----	-----	29.0	27.0	-----	25.5	31.0	23.0	33.0	24.5
1926	30.0	-----	30.0	-----	-----	28.3	33.0	-----	27.0	32.0	25.0	31.0	28.5
1927	27.0	-----	29.0	-----	-----	29.0	37.0	-----	28.0	27.0	23.8	28.5	28.5
1928	28.0	-----	25.0	-----	-----	27.5	30.0	-----	27.0	27.6	23.0	29.5	30.0

TABLE 54.—*Barley: Estimated average yield per acre, by States, 1866-1928—Continued*

Year	Wisconsin	Minnesota	Iowa	Missouri	North Dakota ¹	South Dakota ¹	Nebraska	Kansas	Delaware	Maryland	Virginia	West Virginia
	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>
1866	25.2		25.4	25.5			35.3	29.0	8.0	25.0		
1867	25.8	23.6	29.0	21.1			27.0	26.8	23.8	26.0	12.3	20.8
1868	24.0	25.0	26.0	24.2			25.0	23.0	24.0	23.5	15.0	17.2
1869	25.9	25.7	26.5	23.1			30.2	30.6	24.0	23.0	17.3	16.7
1870	26.5	24.5	26.0	26.4			29.0	24.0	20.0	22.0	20.0	20.0
1871	29.9	25.4	29.6	27.5			29.6	21.8	17.0	18.0	17.5	11.0
1872	28.6	26.7	27.9	23.0			25.5	22.5	15.5	15.0	17.5	11.5
1873	26.6	26.6	19.0	21.0			30.0	27.5	17.0	18.0	18.5	24.0
1874	20.0	24.2	20.0	18.2			24.4	18.0	16.8	18.0	12.0	18.0
1875	31.0	28.0	22.3	19.0			22.4	21.8				15.0
1876	22.0	21.9	24.0	17.0			22.0	23.5				15.6
1877	25.8	25.5	23.0				24.0	23.5				16.0
1878	26.0	29.0	24.0				25.0	26.0				13.0
1879	27.0	29.0	22.0				20.0	15.0				10.0
1880	25.0	27.0	22.7	16.4			13.2	13.6				
1881	24.5	32.5	20.8	15.8			8.9	12.3		25.8	15.5	20.5
1882	25.0	23.3	22.6	22.7		16.7	23.0	12.8		26.1	16.2	21.1
1883	24.1	22.9	21.9	22.3		23.5	22.1	18.5		26.4	15.4	20.9
1884	23.2	24.2	22.3	21.6		26.8	21.0	25.7		27.8	14.6	19.4
1885	22.4	23.8	23.0	22.3		25.0	21.8	20.8		22.7	17.0	15.6
1886	22.0	23.0	22.5	22.5		22.0	22.0	21.3			18.2	12.2
1887	18.5	19.3	19.0	18.2		18.3	17.7	20.5			17.0	22.3
1888	22.5	21.0	21.3	19.4		20.3	22.5	20.5			14.9	22.5
1889	32.0	25.4	25.8	23.2	14.4	9.3	22.0	23.0	17.1	23.0	20.0	16.5
1890	22.7	22.5	22.6	20.0	19.5	19.5	17.3	18.0	21.0	21.0	18.0	21.0
1891	26.5	27.3	27.3	25.8	30.0	28.5	27.2	26.5	25.8	25.8	16.7	25.8
1892	25.4	24.9	21.1	29.1	24.3	23.3	22.2	25.0	23.7	20.5	23.7	23.7
1893	24.0	22.1	22.6	20.0	15.2	15.4	12.0	8.1				
1894	28.6	23.5	15.5	14.0	20.0	4.7	5.7	8.8				
1895	29.3	36.0	28.0	15.3	30.4	19.5	28.4	14.4				
1896	27.4	27.2	26.3	17.5	16.1	28.5	19.9	4.6				
1897	28.0	25.5	24.0	19.0	22.5	20.0	22.0	17.5				
1898	29.1	28.4	26.0	20.0	26.4	23.0	27.1	28.0				
1899	30.0	25.0	26.0	18.0	24.0	23.0	26.0	17.0				
1900	25.5	22.4	26.4	20.8	8.2	14.3	17.6	21.5				
1901	27.2	25.8	23.6	16.5	28.2	22.4	16.0	15.9		18.0	24.9	
1902	33.8	28.6	26.3	25.0	31.6	29.2	31.1	16.0		27.0	18.3	
1903	27.7	25.3	23.4	18.3	21.0	31.4	26.6	31.9		25.9	24.4	
1904	30.0	28.4	27.8	20.3	28.1	28.0	27.4	21.6		21.8	24.7	
1905	29.9	27.0	26.0	23.0	28.0	30.0	27.5	22.0		31.0	28.0	
1906	30.7	28.0	28.3	24.2	25.8	29.0	28.0	23.5		31.0	28.6	
1907	23.0	22.5	25.5	23.0	18.3	23.0	20.8	12.0		33.0	29.0	
1908	30.0	25.0	27.0	23.0	19.5	26.5	23.5	16.0		30.0	28.0	
1909	28.0	23.6	22.0	25.0	21.0	19.5	22.0	18.0		32.0	28.5	
1910	25.9	21.0	29.5	27.0	5.5	18.2	18.5	18.0		31.0	29.3	
1911	25.5	19.0	21.9	20.0	19.5	5.4	11.0	6.5		23.0	23.0	
1912	29.4	28.2	31.0	24.8	20.9	26.0	22.0	23.5		27.0	25.0	
1913	25.0	24.0	25.0	22.0	20.0	17.5	16.0	8.1		20.0	26.0	
1914	27.3	23.0	26.0	24.0	19.5	23.0	23.5	24.5		33.0	26.0	
1915	35.5	30.5	31.0	25.0	32.0	32.0	31.0	31.0		34.0	29.0	
1916	30.0	19.0	29.5	20.0	15.5	22.7	28.0	16.0		32.0	27.5	
1917	32.0	27.0	35.0	25.0	12.5	27.0	26.5	8.0		25.0	30.0	
1918	35.7	31.0	31.5	25.0	21.5	29.5	16.5	10.0		31.0	27.0	
1919	26.5	20.0	25.5	30.0	11.5	22.0	25.7	27.0		33.0	25.0	
1920	31.7	25.0	27.5	28.0	18.0	25.0	29.0	25.4		27.5	27.0	
1921	22.5	20.0	23.5	22.0	15.5	17.0	24.7	20.0		30.0	23.0	
1922	32.1	26.5	28.6	23.0	25.5	23.0	18.0	17.3		32.0	27.5	
1923	28.5	25.0	28.5	27.0	17.5	22.5	28.0	22.2		33.0	27.0	
1924	32.0	32.0	31.0	25.0	26.0	27.0	25.0	16.5		35.0	27.0	
1925	36.8	30.0	31.3	31.0	22.5	26.0	24.3	16.0		33.0	26.0	
1926	34.5	25.0	30.5	24.0	14.3	10.1	20.7	11.4		34.3	31.0	
1927	34.5	30.0	31.4	23.0	25.5	30.0	30.8	12.6		30.5	26.0	
1928	37.1	30.0	33.0	22.0	25.5	21.7	32.6	27.9		32.0	29.0	

¹Dakota Territory prior to Nov. 2, 1889.

TABLE 54.—Barley: Estimated average yield per acre, by States, 1866-1928—
Continued

Year	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>	<i>Bush.</i>
1866			8.2		13.5	23.2	9.0	14.0	12.5			
1867	9.0	6.0	14.3	14.3	17.0	19.5	14.4	8.0	15.0			23.0
1868	15.6	9.0	15.5	14.3	16.0	18.3	10.1	10.0	11.0			24.8
1869	17.0	8.0	13.8	14.0	19.6	16.4	11.7	11.0	13.0			11.0
1870	22.0	15.0	15.0		19.0	22.5						26.6
1871	16.0	15.0	14.6		22.0	17.8	15.5	16.0	21.0	18.2		30.0
1872	15.5	15.5	13.5		22.0	18.5						20.0
1873	16.6	20.0	13.2		20.0	19.2						25.0
1874	16.0	15.0	14.5		27.0	20.4	11.5					30.0
1875			12.0		20.5	19.0						30.5
1876					21.5	18.5						30.0
1877					21.0							29.0
1878					30.0							
1879					28.0							
1880			15.0		21.5	15.0						26.0
1881	10.0	14.0	14.7		17.0	13.8	9.6					19.3
1882	10.2	14.3	15.3		22.3	14.2	10.1					18.8
1883	10.1	14.9	13.8		22.1	14.6	10.6					17.0
1884	11.2	14.9	13.2		22.3	14.9	10.8					15.8
1885	10.9	12.9	14.1		17.4	13.4						16.3
1886	14.1		13.2		25.0	11.8	11.0					13.5
1887	10.5		12.4		18.3	12.3						13.0
1888					22.7	11.1						12.0
1889	11.6	13.7	11.0	14.2	29.0	17.8	10.0	10.9	9.4	14.6		17.3
1890	21.0	21.0	21.0	21.0	19.0	21.0	21.0	21.0	21.0	21.0		15.0
1891	25.8	25.8	23.5	25.8	24.5	12.7	26.0	25.8	25.8	25.8		15.2
1892	23.7	16.7	23.7	23.7	22.3	19.5	23.7	23.7	23.7	23.7		16.5
1893					17.0	15.1						14.5
1894					28.7	13.8						15.3
1895					33.3	23.1						21.6
1896					14.8	14.0						12.0
1897					20.0	18.0						25.0
1898					16.0	18.0						20.0
1899					21.0	11.0						18.0
1900					28.6	14.7						24.6
1901					19.4	16.8					22.0	13.5
1902					25.9	16.0					36.0	21.3
1903					21.4	20.6					26.9	24.4
1904					20.6	22.0					30.1	31.0
1905					24.0	21.6					26.0	24.0
1906					26.0	23.0					29.8	24.5
1907					25.0	20.0					18.7	17.0
1908					25.0	25.0					23.0	24.0
1909					24.0	24.0					23.0	19.4
1910					24.0	23.0					30.0	30.0
1911					28.7	28.0					10.0	18.0
1912					26.0	26.0					20.0	20.3
1913					26.6	25.0					9.0	24.0
1914					28.5	27.0					25.0	25.0
1915					30.0	24.0					26.5	28.0
1916					26.0	23.7					12.5	17.0
1917					28.0	15.0					18.0	20.0
1918					28.0	23.0					17.0	17.0
1919					25.0	20.0					30.0	35.0
1920					28.0	23.0					24.0	23.0
1921					24.0	21.0					22.0	24.0
1922					28.0	22.5					17.0	19.0
1923					27.0	23.0					22.0	24.0
1924	23.0				24.0	20.0					23.0	25.0
1925	23.0				26.0	23.0					14.0	7.2
1926	26.0				33.0	30.0					27.0	35.0
1927	24.0				27.0	19.0					16.5	16.0
1928	23.0				25.0	20.0					22.0	21.0

TABLE 54.—Barley: Estimated average yield per acre, by States, 1866-1928—Continued

Year	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
1866											
1867											
1868											28.0
1869										35.0	35.3
1870								27.5		32.3	26.9
1871								28.0		29.0	20.0
1872								30.0		24.6	12.2
1873								28.0		28.0	26.5
1874								25.0		27.5	20.0
1875								26.5		27.0	18.0
1876								25.5		29.0	22.0
1877										29.0	16.0
1878										23.0	20.0
1879										30.0	23.0
1880				19.0				20.0		23.1	28.3
1881				18.0				21.4		25.7	18.9
1882	29.1	29.5		19.0	19.1	18.9	19.1	22.1	35.5	27.4	16.4
1883	25.8	28.4		25.9	20.4	18.7	24.5	20.6	32.7	20.9	16.2
1884	34.6	28.9		29.5	19.5	19.4	23.5	28.1	26.4	35.9	23.6
1885	30.2	26.0		24.0	19.4	20.0	22.0	20.0	27.0	20.2	18.1
1886	22.9	22.5		28.1	19.1	19.0	23.0	20.4	30.0	27.0	22.2
1887	22.6	28.7		25.6	18.4	20.0	22.2	22.5	25.0	21.2	20.5
1888	28.7	27.0		25.8	21.4	18.3	23.3	24.2	30.5	26.4	20.0
1889	34.6	23.6		27.4	23.6	23.8	25.4	29.4	24.6	23.2	21.5
1890	24.0	21.0		24.5	20.0	18.6	23.2	21.0	25.0	25.0	22.3
1891	30.0	29.0		26.5	22.0	22.0	26.7	23.5	31.5	24.0	23.7
1892	32.5	26.0		24.0	19.5	20.0	20.3	26.5	25.3	23.3	24.0
1893	30.1	30.0		28.3	21.6	27.0	37.6	35.7	40.1	26.1	22.5
1894	22.5	32.6		27.9	27.0	25.0	33.0	32.5	33.7	38.6	15.2
1895	25.0	24.5		31.3	28.0	25.7	30.0	32.1	37.3	22.1	20.3
1896	25.0	15.3		20.0	19.0		27.1		26.0	21.8	21.6
1897	38.0	35.0		28.0	32.5		31.0		45.0	32.5	23.0
1898	36.0	35.0		30.5	33.8		37.0		39.8	29.1	10.5
1899	35.0	35.0		28.0	32.0		33.0		35.0	28.0	26.0
1900	38.8	32.8		24.8	29.0		36.5		33.4	28.9	16.7
1901	39.0	40.2	32.5	28.7	31.7	28.7	35.0	33.0	43.5	30.6	26.0
1902	37.0	46.3	24.4	26.3	16.1	25.2	32.1	34.3	43.7	31.9	26.0
1903	40.2	34.4	21.3	38.3	23.1	32.8	37.5	34.6	37.9	33.2	25.7
1904	29.9	37.4	30.1	37.1	23.6	33.6	38.3	35.9	34.8	28.7	22.7
1905	33.0	40.0	31.7	33.0	21.0	44.0	37.0	34.0	40.0	31.0	21.5
1906	33.0	41.0	31.4	41.0	27.0	42.2	44.0	36.8	36.5	35.0	27.2
1907	38.0	44.5	32.0	40.0	26.0	35.5	39.0	40.0	40.5	42.0	28.9
1908	35.0	41.0	35.0	33.0	42.0	38.0	45.0	30.0	30.5	29.0	23.5
1909	38.0	40.0	31.0	36.0	40.0	40.0	40.0	38.0	39.5	31.5	26.5
1910	28.0	33.0	30.0	32.0	25.0	36.0	36.0	40.0	29.0	31.5	31.0
1911	34.5	42.0	34.0	29.0	33.0	36.5	43.0	40.0	37.0	34.0	28.0
1912	36.5	43.5	34.0	39.0	35.0	40.0	45.0	41.0	43.0	36.0	30.0
1913	31.0	42.0	30.5	32.5	24.0	39.0	38.5	41.0	40.5	35.0	26.0
1914	30.5	38.0	33.0	38.5	34.0	36.0	45.0	47.0	39.0	30.0	30.0
1915	34.0	40.5	36.0	36.0	33.0	37.0	42.5	48.0	41.5	36.0	29.0
1916	28.0	39.0	33.0	32.0	28.0	35.0	36.0	41.0	41.3	38.5	28.0
1917	15.0	29.0	36.0	33.0	28.0	35.0	37.0	35.0	29.0	29.0	29.0
1918	22.0	28.0	37.0	18.0	28.0	34.0	35.0	34.0	15.2	25.0	26.0
1919	5.6	26.0	15.0	19.0	23.8	35.0	22.9	26.5	30.0	23.1	27.0
1920	18.0	35.0	36.0	24.5	23.6	34.0	31.2	30.0	35.3	32.2	23.0
1921	20.5	32.0	29.0	22.0	24.0	32.0	32.0	31.1	36.8	32.0	25.0
1922	25.0	34.0	28.0	19.0	15.0	33.0	35.0	29.4	24.0	27.0	30.5
1923	25.5	43.0	30.0	29.0	19.0	35.0	40.6	25.4	45.7	35.0	30.2
1924	25.0	31.0	29.0	20.0	15.0	30.0	28.5	39.5	22.6	22.0	21.9
1925	21.0	44.0	33.0	21.0	17.0	35.0	43.0	48.0	34.0	33.0	31.0
1926	24.0	37.0	33.0	16.0	26.0	35.0	40.0	40.0	34.0	28.0	30.0
1927	33.0	44.0	34.0	22.0	18.0	35.0	47.0	45.0	42.0	35.0	27.5
1928	30.5	43.0	28.0	24.0	19.0	38.0	49.0	35.0	35.5	35.0	30.5

Compiled from reports of the Division of Crop and Livestock Estimates.

TABLE 55.—*Barley: Estimated production, by States, 1866-1928*

(In thousands of bushels—i. e., 000 omitted)

Year	Maine	New Hampshire	Vermont	Masachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio
1866	743	105	104	145	35	19	4,459	27	622	1,294
1867	623	107	102	144	35	19	3,879	29	615	2,520
1868	560	80	91	138	60	17	3,840	20	590	2,343
1869	750	106	102	144	55	25	4,600	26	631	2,600
1870	586	96	107	126	30	24	6,616	7	497	1,578
1871	439	97	108	123	31	23	6,948	7	472	1,593
1872	528	93	100	118	29	23	6,529	6	453	1,752
1873	410	77	97	110	32	23	5,876	7	398	1,576
1874	438	84	112	112	24	23	6,463	7	437	1,182
1875	670	102	116	130	27	24	7,800	-----	520	800
1876	663	108	121	55	9	27	6,600	-----	560	800
1877	650	110	130	60	9	28	6,200	-----	625	1,236
1878	817	97	142	50	9	26	4,917	-----	677	1,491
1879	938	103	133	51	9	26	6,200	-----	618	1,270
1880	239	90	307	73	-----	-----	8,247	-----	500	1,421
1881	244	80	285	82	18	12	8,412	4	480	1,122
1882	105	68	288	71	18	12	8,917	4	629	1,144
1883	250	75	279	78	21	14	8,649	4	579	938
1884	265	76	265	75	20	14	7,957	4	573	985
1885	276	84	295	82	19	14	7,478	5	485	832
1886	252	89	304	75	21	14	7,712	-----	505	956
1887	239	85	260	75	19	14	6,733	-----	485	581
1888	240	81	257	69	20	14	7,418	-----	458	584
1889	286	112	421	39	8	6	8,220	1	494	1,060
1890	275	100	388	40	8	6	5,250	1	414	680
1891	368	130	480	49	10	6	7,472	1	443	986
1892	316	119	467	41	8	6	6,905	1	415	883
1893	370	129	494	46	9	-----	5,493	-----	352	793
1894	374	124	506	40	11	-----	4,546	-----	280	936
1895	408	137	620	41	9	-----	5,473	-----	259	835
1896	378	156	604	55	11	-----	4,935	-----	176	549
1897	308	113	501	60	9	-----	4,786	-----	218	674
1898	327	115	532	42	9	-----	4,342	-----	171	825
1899	348	116	539	51	9	-----	4,052	-----	180	603
1900	315	103	501	43	9	-----	3,752	-----	148	623
1901	238	40	372	-----	-----	-----	1,684	-----	156	766
1902	252	37	385	-----	-----	-----	3,359	-----	188	1,024
1903	251	32	393	-----	-----	-----	2,916	-----	189	687
1904	272	33	437	-----	-----	-----	2,615	-----	205	787
1905	227	32	508	-----	-----	-----	2,332	-----	217	607
1906	241	32	420	-----	-----	-----	2,267	-----	213	653
1907	224	48	399	-----	-----	-----	1,975	-----	230	784
1908	224	48	462	-----	-----	-----	2,002	-----	234	825
1909	107	21	285	9	5	2	1,923	3	136	569
1910	124	26	372	-----	-----	-----	2,292	-----	212	627
1911	112	24	366	-----	-----	-----	2,000	-----	175	544
1912	105	28	455	-----	-----	-----	2,132	-----	192	620
1913	140	28	384	-----	-----	-----	2,056	-----	182	960
1914	150	32	414	-----	-----	-----	2,100	-----	196	875
1915	132	30	420	-----	-----	-----	2,720	-----	236	930
1916	156	28	412	-----	-----	-----	2,097	-----	300	917
1917	126	25	377	-----	-----	-----	3,080	-----	364	1,716
1918	150	32	403	-----	-----	-----	3,938	-----	420	3,622
1919	112	25	225	-----	-----	-----	3,762	-----	343	2,622
1920	104	26	308	-----	-----	-----	4,930	-----	360	2,825
1921	104	23	225	-----	-----	-----	3,318	-----	280	2,522
1922	84	28	261	-----	-----	-----	4,108	-----	305	1,424
1923	120	26	261	-----	-----	-----	5,092	-----	269	1,998
1924	78	-----	155	-----	-----	-----	4,131	29	292	1,140
1925	105	-----	192	-----	-----	-----	4,553	27	383	3,419
1926	120	-----	180	-----	-----	-----	5,006	33	486	3,712
1927	108	-----	174	-----	-----	-----	5,452	74	588	4,185
1928	112	-----	160	-----	-----	-----	4,648	60	783	9,191

TABLE 55.—*Barley: Estimated production, by States, 1866-1928*—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Mis- souri	North Da- kota 1	South Da- kota 1	Ne- braska
1866	339	1,038	419	861	---	623	156	---	---	8
1867	346	996	418	894	350	1,125	157	---	---	6
1868	335	976	430	885	406	1,125	166	---	---	7
1869	411	1,250	650	1,500	820	1,203	300	---	---	9
1870	800	2,232	630	1,431	980	1,227	285	---	---	233
1871	352	2,053	554	1,531	960	2,110	270	---	---	252
1872	323	2,073	554	1,546	979	2,194	251	---	---	309
1873	568	2,280	515	1,515	1,060	4,500	266	---	---	355
1874	539	2,052	403	1,151	954	4,725	226	---	---	365
1875	440	2,900	960	2,200	1,120	6,300	450	---	---	375
1876	400	2,200	955	1,800	1,520	5,800	435	---	---	470
1877	---	2,700	975	4,700	1,832	5,300	---	---	---	520
1878	500	1,937	1,261	4,264	2,500	5,088	---	---	---	569
1879	551	575	1,022	4,320	2,549	4,290	---	---	---	1,600
1880	410	1,109	1,388	4,004	3,104	3,987	96	---	---	1,187
1881	385	754	1,249	5,296	4,145	3,498	101	---	---	1,270
1882	416	942	1,349	5,773	7,204	4,547	182	472	---	3,588
1883	341	877	1,079	6,061	7,276	4,638	180	731	---	3,624
1884	443	982	1,101	7,299	8,087	4,951	178	2,860	---	3,551
1885	266	1,001	1,209	9,302	8,033	5,106	156	2,402	---	3,862
1886	435	980	1,133	6,991	8,455	5,045	180	1,232	---	3,786
1887	355	723	864	6,055	7,308	4,388	160	4,154	---	3,076
1888	406	904	967	10,310	8,110	4,181	164	5,207	---	3,520
1889	250	1,197	2,522	15,226	9,101	13,406	35	1,571	902	1,822
1890	175	748	2,192	10,565	8,309	11,841	30	2,965	2,639	1,457
1891	261	1,149	2,481	12,950	10,484	14,589	39	4,608	3,806	2,406
1892	293	760	2,133	12,462	9,945	11,050	49	4,329	3,344	2,003
1893	148	719	1,315	11,025	9,268	11,599	33	2,842	2,387	920
1894	157	648	1,553	12,481	10,841	7,716	11	4,059	721	341
1895	102	353	1,255	10,808	17,437	12,685	14	8,839	2,544	1,393
1896	111	410	1,284	8,944	11,330	10,247	14	3,792	3,309	908
1897	96	345	1,015	7,860	9,241	9,164	15	4,663	2,183	943
1898	104	351	1,047	7,516	9,160	9,133	16	5,253	2,485	1,092
1899	153	396	927	7,671	8,144	12,012	13	5,909	2,410	943
1900	186	342	905	6,259	7,275	11,709	15	1,999	1,544	587
1901	314	515	919	13,419	21,681	12,493	27	7,250	6,523	1,189
1902	311	649	1,106	16,509	25,956	13,505	42	15,862	8,928	2,033
1903	243	653	946	13,394	27,783	11,295	33	12,468	10,667	1,704
1904	296	640	868	14,941	32,123	13,553	39	17,518	9,788	1,878
1905	264	723	904	14,743	29,012	11,661	43	19,326	9,962	1,829
1906	249	759	1,827	22,350	31,591	15,735	40	15,815	22,910	3,360
1907	184	600	1,496	18,423	26,663	14,178	46	15,646	20,125	2,413
1908	207	855	1,785	24,750	32,500	13,500	46	18,330	24,592	2,773
1909	234	1,614	2,132	22,156	34,928	10,964	134	26,366	22,396	1,988
1910	270	1,661	2,418	20,720	30,450	15,488	189	5,995	19,110	2,350
1911	238	1,540	2,160	20,910	28,025	10,950	120	20,475	5,508	1,320
1912	266	1,796	2,262	24,843	42,018	14,570	149	35,162	23,062	2,486
1913	200	1,404	2,108	18,125	34,800	10,000	110	25,600	16,765	1,760
1914	200	1,622	2,340	18,428	31,694	9,360	120	28,275	19,550	2,056
1915	364	1,836	2,508	19,170	38,125	8,525	125	46,400	24,000	3,255
1916	405	1,920	2,450	18,309	26,125	8,702	100	26,738	18,728	3,080
1917	1,088	4,875	3,416	19,200	34,425	10,500	150	22,812	31,482	5,644
1918	1,850	9,000	9,000	25,418	40,300	16,947	250	37,281	39,088	5,660
1919	1,850	4,779	5,049	13,674	16,280	6,018	270	12,478	16,962	5,577
1920	2,187	5,533	6,630	15,913	22,375	4,950	196	19,530	25,700	7,424
1921	1,235	4,550	3,500	10,642	18,700	3,196	154	16,988	19,040	4,915
1922	510	5,605	3,598	14,220	24,062	4,605	115	25,704	20,263	4,356
1923	690	6,612	3,600	13,252	24,050	4,503	162	21,875	20,025	9,492
1924	480	7,200	3,370	12,512	20,280	4,216	100	38,168	21,330	6,275
1925	736	10,395	3,160	16,965	32,940	5,478	186	38,970	23,790	5,662
1926	575	9,362	3,790	17,974	32,675	8,174	216	21,050	7,858	4,699
1927	833	13,304	5,301	21,390	43,800	14,256	161	42,406	36,000	7,577
1928	1,794	20,000	8,100	26,898	60,000	26,466	286	55,564	36,456	14,018

¹ Dakota Territory prior to Nov. 2, 1889.

TABLE 55.—Barley: *Estimated production, by States, 1866-1928*—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Kansas	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky
1866.....	7	6	25			3		12		138
1867.....	6	5	25	5	55	3	7	12	3	159
1868.....	6	5	23	5	46	3	7	12	3	149
1869.....	25	6	24	28	62	4	7	12	4	304
1870.....	92	2	11	7	56	2	7	12		304
1871.....	101	2	11	6	53	2	5	6		243
1872.....	111	2	9	7	54	2	5	5		243
1873.....	515	2	11	7	56	3	6	9		218
1874.....	435	2	10	6	50	3	6	9		257
1875.....	800				48			15		240
1876.....	1,980				52					275
1877.....	1,900				53					270
1878.....	2,163				43					375
1879.....	675				33					339
1880.....	270							22		430
1881.....	243		6	15	10	3	17	22		344
1882.....	267		6	19	11	3	17	25		404
1883.....	347		7	19	12	3	18	23		450
1884.....	556		7	17	11	3	18	22		459
1885.....	877		6	20	9	3	16	24		342
1886.....	734			21	7	4		20		464
1887.....	601			20	13	3		19		247
1888.....	144			18	13					245
1889.....	166	(?)	19	41	5	4	9	6	(?)	166
1890.....	169	(?)	17	37	7	6	14	11	(?)	110
1891.....	335	(?)	21	35	9	8	19	14	(?)	141
1892.....	348	(?)	17	50	9	8	12	13	(?)	125
1893.....	128									81
1894.....	142									108
1895.....	258									89
1896.....	87									27
1897.....	307									33
1898.....	736									22
1899.....	3,183									29
1900.....	4,187									37
1901.....	2,187		28	70						19
1902.....	2,223		42	49						26
1903.....	4,338		40	64						18
1904.....	3,239		32	64						17
1905.....	3,304		44	69						18
1906.....	8,437		45	69						17
1907.....	4,392		33	58						25
1908.....	4,400		30	84						25
1909.....	2,222	(?)	135	254	8	8	4	1	(?)	66
1910.....	4,680		124	293						72
1911.....	1,625		92	230						86
1912.....	4,136		108	250						78
1913.....	1,944		145	286						80
1914.....	5,880		165	286						142
1915.....	8,370		170	348						180
1916.....	6,000		192	330						156
1917.....	6,000		125	360						140
1918.....	6,040		186	324						108
1919.....	13,743		132	225						150
1920.....	19,482		110	270						140
1921.....	14,560		120	207						144
1922.....	18,580		128	248						108
1923.....	20,513		132	270						189
1924.....	7,376		385	405		161				120
1925.....	6,080		396	416		230				156
1926.....	3,032		343	434		390				231
1927.....	5,605		274	338		480				162
1928.....	17,661		416	406		736				50

* Less than 500 bushels.

TABLE 55.—Barley: Estimated production, by States, 1866-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Tennes-see	Ala-bama	Missis-sippi	Arkan-sas	Louis-i-ana	Okla-homa	Texas	Mont-ana	Idaho	Wyo-ming
1866	20	9	1	5			61			
1867	20	8	9	4			41			
1868	19	8	8	4			33			
1869	28	9	8	4			60			
1870	31						54			
1871	78	6	3	2	1		42			
1872	81						51			
1873	83						57			
1874	84	8					63			
1875	82						70			
1876	80						80			
1877										
1878										
1879										
1880	39						150			
1881	36	6					106			
1882	42	6					119		330	
1883	45	7					127	54	340	
1884	46	7					124	74	363	
1885	42						130	71	353	
1886	37	7					108	72	283	
1887	39						107	78	408	
1888	36						188	109	391	
1889	64	2	1	1	1		48	161	237	
1890	70	4	2	2	1		43	116	214	
1891	45	5	2	3	1		46	144	305	
1892	60	5	2	3	1		50	164	276	
1893	45						40	156	309	
1894	36						38	117	336	
1895	58						54	143	260	
1896	28						28	143	162	
1897	35						51	197	379	
1898	35						41	189	386	
1899	20						35	216	406	
1900	26						50	201	399	
1901	26					320	66	640	1,379	41
1902	24					591	101	661	1,747	32
1903	29					411	121	733	1,441	25
1904	27					478	161	523	1,707	37
1905	25					388	116	502	2,646	38
1906	24					467	113	472	1,928	94
1907	20					654	68	646	2,181	128
1908	25					690	96	875	2,132	140
1909	53	(²)	1	1		128	52	753	4,598	189
1910	69					330	150	840	4,488	300
1911	84					100	90	1,070	5,964	374
1912	52					160	176	1,424	6,916	374
1913	50					63	168	1,860	7,560	396
1914	135					175	200	2,135	7,030	628
1915	192					212	252	2,720	7,736	612
1916	237					100	153	2,660	7,410	825
1917	90					144	180	1,350	5,075	1,008
1918	184					340	170	1,914	4,760	1,110
1919	120					2,310	2,730	420	2,340	120
1920	138					2,784	1,794	1,152	3,220	216
1921	189					2,684	1,872	1,538	2,784	261
1922	315					2,193	1,767	2,300	2,890	560
1923	301					2,838	2,592	2,078	3,999	840
1924	400					4,807	4,150	3,600	3,658	725
1925	506					1,764	835	3,276	5,456	1,122
1926	1,200					2,970	6,090	3,600	4,144	1,386
1927	798					594	3,120	6,435	5,676	2,006
1928	420					1,188	3,276	6,374	6,192	2,310

² Less than 600 bushels.

TABLE 55.—Barley: Estimated production, by States, 1866-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Year	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	The Territories
1866									
1867									
1868								10,600	13,000
1869								12,285	400
1870						324	202	7,378	328
1871						366	206	7,287	377
1872						402	243	7,359	414
1873						420	364	10,214	414
1874						450	371	11,031	420
1875						500	450	9,050	720
1876						550	540	11,800	850
1877							480	7,800	
1878							370	14,950	
1879							480	14,501	
1880	89				408		677	14,720	1,340
1881	88				450		745	10,146	1,487
1882	92	54	328	228	408	652	819	9,131	
1883	157	59	331	290	450	671	885	10,136	
1884	188	63	430	302	688	684	1,239	16,217	
1885	150	62	447	288	465	734	704	12,703	
1886	193	63	429	470	500	872	941	16,038	
1887	176	62	452	660	524	777	761	16,291	
1888	319	72	450	700	507	998	1,042	15,735	
1889	332	35	253	163	237	1,269	874	17,548	12
1890	296	30	200	149	170	1,328	971	15,103	10
1891	327	33	260	175	203	1,673	942	19,262	14
1892	311	31	221	135	229	1,276	914	20,286	13
1893	366	33	299	237	281	1,861	975	17,118	
1894	345	42	249	205	253	1,595	1,370	11,218	
1895	447	52	261	191	263	1,942	769	19,024	
1896	257	24		172		1,042	675	19,837	
1897	338	38		184		1,696	956	20,278	
1898	354	38		203		1,485	813	9,165	
1899	338	39		195		1,410	798	22,240	
1900	314	31		218		1,386	903	14,850	
1901	697	35	381	290	225	5,803	1,888	28,334	
1902	553	18	361	272	248	6,121	1,988	29,751	
1903	725	20	555	314	248	6,158	2,049	30,878	
1904	716	16	500	318	252	5,824	1,753	28,092	
1905	624	13	655	289	234	6,773	1,856	26,607	
1906	760	15	566	528	261	5,803	2,095	38,760	
1907	1,000	26	923	429	280	6,882	2,562	30,056	
1908	792	42	1,102	540	240	5,185	1,798	25,427	
1909	1,889	44	1,008	891	412	5,835	2,378	28,442	
1910	2,400	50	1,260	828	480	5,104	3,560	46,500	
1911	2,146	66	1,278	1,032	480	6,512	3,944	40,600	
1912	2,964	70	1,440	1,125	492	7,809	4,284	41,790	
1913	3,250	96	1,482	1,155	492	7,290	4,200	33,150	
1914	3,960	170	1,260	1,440	611	7,098	3,600	42,090	
1915	4,320	264	1,295	1,445	576	7,263	4,680	39,440	
1916	5,120	308	1,120	1,224	492	6,814	5,300	33,320	
1917	5,544	364	1,155	1,221	385	4,930	5,278	39,150	
1918	3,708	364	1,020	1,120	408	2,630	4,100	34,320	
1919	2,907	238	875	366	159	2,550	1,548	26,649	
1920	5,292	260	680	593	150	2,895	2,415	28,750	
1921	4,444	240	928	512	187	2,944	2,240	29,700	
1922	3,534	135	825	630	176	1,778	2,160	34,434	
1923	8,700	209	1,200	893	127	3,884	3,080	33,069	
1924	6,540	90	600	309	237	1,582	1,430	16,754	
1925	8,610	85	700	774	384	3,094	3,168	32,550	
1926	6,080	208	875	800	280	2,176	2,296	32,400	
1927	9,020	144	700	1,410	405	2,436	3,185	27,335	
1928	13,128	228	646	1,066	385	1,952	3,675	31,842	

Compiled from records of the Division of Crop and Livestock Estimates. See general note on Table 53. The State figures shown in this table for 1879, 1889-1909 are the only State figures available for publication. The sum of these State figures over this period will not agree with the revised figures for the United States given in Table 53.

* State of Nevada included in "The Territories," 1869.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 107

TABLE 56.—Barley: Production, by States, census years, 1839-1924

[In thousands of bushels—i. e., 000 omitted]

State	1839	1849	1859	1869	1879	1889	1899	1909	1919	1924
Maine.....	355	152	802	650	242	286	253	107	105	54
New Hampshire.....	122	70	121	106	78	112	47	21	22	3
Vermont.....	55	42	79	117	298	421	381	285	197	134
Massachusetts.....	165	112	135	133	80	39	15	9	12	5
Rhode Island.....	66	19	41	34	18	8	6	5	3	2
Connecticut.....	34	19	21	26	12	6	4	2	5	1
New York.....	2,520	3,585	4,187	7,435	7,792	8,220	2,943	1,923	2,273	2,501
New Jersey.....	13	6	25	8	4	1	5	3	15	14
Pennsylvania.....	210	166	531	530	438	494	197	136	262	264
Ohio.....	212	354	1,664	1,715	1,707	1,060	1,053	569	2,412	1,417
Indiana.....	28	45	382	356	383	250	261	234	1,428	423
Illinois.....	82	111	1,036	2,480	1,230	1,197	687	1,614	4,227	7,110
Michigan.....	128	75	308	1,835	1,294	2,522	1,165	2,132	4,803	3,170
Wisconsin.....	11	210	707	1,645	5,043	15,228	18,700	22,156	12,192	11,567
Minnesota.....	1	1	110	1,032	2,973	9,101	24,314	34,928	14,849	27,806
Iowa.....	1	25	457	1,961	4,023	13,406	18,059	10,904	5,353	4,031
Missouri.....	10	10	229	269	123	35	29	134	145	138
North Dakota ¹				4	277	1,671	6,752	26,366	12,053	34,083
South Dakota ¹				217	1,745	902	7,032	22,306	12,816	18,689
Nebraska.....			5	98	300	1,822	2,035	1,998	4,405	4,136
Kansas.....			2	1	166	1,474	2,222	8,325	5,676	1
Delaware.....	5	(²)	4	2	1	(²)	(²)	(²)	1	288
Maryland.....	4	1	17	11	6	19	43	135	111	359
Virginia ³	87	25	60	7	14	41	53	254	229	21
West Virginia ³				50	10	5	4	8	25	21
North Carolina.....	4	3	3	3	2	4	4	8	3	76
South Carolina.....	4	5	11	5	16	9	3	4		6
Georgia.....	13	12	15	6	19	6	2	1	(²)	2
Florida.....	(²)		8	(²)	(²)	(²)	(²)	(²)	1	
Kentucky.....	17	95	271	239	486	166	18	60	120	94
Tennessee.....	5	3	25	75	30	64	22	53	96	168
Alabama.....	8	4	15	5	5	2	3	(²)	5	2
Mississippi.....	2	(²)	2	4	(²)	1	(²)	1		
Arkansas.....	1	(²)	3	2	2	1	3	1	3	9
Louisiana.....			(²)	1		1	(²)		6	1
Oklahoma.....						(²)	350	128	1,782	3,829
Texas.....		5	68	44	73	48	80	52	2,188	2,841
Montana.....				86	40	161	844	753	347	1,889
Idaho.....				72	275	237	969	4,598	1,349	2,827
Wyoming.....						12	30	180	116	440
Colorado.....				35	107	332	531	1,889	2,801	4,759
New Mexico.....		(²)	6	4	50	35	24	44	194	91
Arizona.....				55	239	253	459	1,008	657	449
Utah.....		2	10	49	217	163	252	891	365	398
Nevada.....			2	295	513	237	224	412	148	230
Washington.....			5	56	567	1,209	3,041	5,835	2,250	1,491
Oregon.....			26	211	921	874	1,515	2,378	1,429	1,283
California.....		10	4,415	8,784	12,464	17,548	25,149	26,442	21,807	16,459
United States.....	4,162	5,167	15,826	20,761	43,997	78,533	119,635	173,344	122,025	159,139

Compiled from reports of the Bureau of the Census.

¹ Dakota Territory prior to Nov. 2, 1889.

² Less than 500 bushels.

³ Virginia included West Virginia through 1859.

⁴ Includes Indian Territory.

TABLE 57.—Barley: Percentage production in the principal producing States, average, 1921-1925.

State	Average annual production 1921-1925	Average annual production as a percentage of United States total	State	Average annual production 1921-1925	Average annual production as a percentage of United States total
	1,000 bushels	Per cent		1,000 bushels	Per cent
California.....	29,301	15.7	Idaho.....	3,757	2.0
North Dakota.....	28,341	15.2	Michigan.....	3,446	1.8
Minnesota.....	25,806	13.8	Oklahoma.....	2,857	1.5
South Dakota.....	20,890	11.2	Washington.....	2,656	1.4
Wisconsin.....	13,518	7.2	Montana.....	2,478	1.3
Kansas.....	13,422	7.2	Oregon.....	2,416	1.3
Illinois.....	6,872	3.7	Texas.....	2,243	1.2
Colorado.....	6,366	3.4	Ohio.....	2,179	1.2
Nebraska.....	6,140	3.3	Wyoming.....	702	.4
Iowa.....	4,400	2.4			
New York.....	4,240	2.3	Total.....		97.6

TABLE 58.—Barley: Percentage reduction from full yield per acre, from stated causes, 1909-1925

Year	Adverse weather conditions										Plant diseases	Insect pests	Animal pests	Defective seed	Other and unknown causes	Total
	Deficient moisture		Floods	Frost or freeze		Hail	Hot winds	Storms	Other climatic							
P. ct.	P. ct.	P. ct.		P. ct.	P. ct.				P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
1909..	8.9	3.6	0.3	1.0	2.1	2.3	0.8			19.0	1.4	0.4	0.5	0.2	1.3	22.8
1910..	34.0	.2	.1	.9	.9	4.3	.1	0.2	40.7	.4	.8	.6	.1	.5	43.1	
1911..	29.6	1.2		.8	.4	5.7	.1	.3	38.1	.9	.9	.3	.2	.9	41.3	
1912..	8.4	1.8		.9	1.9	1.7	.5	.6	15.9	.9	.5	.5	.4	1.4	19.6	
1913..	24.9	.7	.1	.4	1.0	3.2	.3	.5	31.1	.2	1.2	.2	.2	1.4	34.3	
1914..	8.2	2.6	.2	.6	1.5	4.6	.4	.3	18.4	2.3	.6	.2	.1	1.1	22.7	
1915..	1.3	3.2	.3	.7	1.7	.3	.5		8.0	.9	.2	.2	.1	.6	10.0	
1916..	8.0	3.4	.3	.7	1.5	5.0	.5	.8	20.2	8.5	.7	.1	.1	1.0	30.6	
1917..	26.6	.8	(1)	1.0	1.1	2.3	.2	.1	32.1	.5	.4	.2	.1	.3	33.6	
1918..	20.7	.4	.1	.7	1.1	2.3	.3	.3	25.9	.6	1.6	.2	(1)	.5	28.8	
1919..	18.0	3.4	.5	.2	1.8	3.8	.3	.2	28.2	5.3	4.3	.1	.2	.4	38.5	
1920..	10.4	2.2	.2	.5	1.1	2.0	.2	.2	16.8	3.0	1.8	.1	.1	.4	21.7	
1921..	20.2	1.4	.1	1.3	1.2	6.6	.5	.1	31.4	2.9	1.8	.1		.3	36.0	
1922..	13.5	1.3	.1	.5	1.6	1.6	.2	.2	19.0	1.3	1.4	.1	.1	.3	22.2	
1923..	10.7	1.2	.1	.7	1.5	2.1	.3		16.6	2.8	.9	.1	.1	.3	20.8	
1924..	14.2	1.3	.2	.8	1.7	.6	.5	.1	19.4	.9	.9	.1	.1	.2	21.6	
1925..	15.8	1.7	.1	1.8	1.3	1.9	.2		22.8	1.1	.4		.1	.2	24.6	

Compiled from reports of the Division of Crop and Livestock Estimates, as reported by crop correspondents.

¹ Less than 0.05 per cent.

TABLE 59.—Barley: Total farm value, by States, December 1, 1866-1928

[In thousands of dollars—i. e., 000 omitted]

Year	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio
1866	527	87	89	128	28	17	3,287	19	471	1,026
1867	504	95	107	159	36	20	4,085	26	604	2,329
1868	525	87	98	160	60	16	5,086	30	720	2,563
1869	678	88	108	178	56	18	3,609	21	510	2,101
1870	521	92	97	122	26	22	5,048	7	406	1,218
1871	343	96	119	118	28	25	4,872	6	382	1,060
1872	387	76	76	80	23	18	4,684	5	353	1,102
1873	344	71	77	104	34	23	5,952	7	385	1,422
1874	367	77	102	103	24	25	6,818	8	394	1,172
1875	520	91	92	124	24	23	6,052	-----	462	628
1876	456	85	98	45	7	23	5,021	-----	436	572
1877	481	80	107	51	8	23	4,222	-----	505	680
1878	579	67	46	37	8	18	3,435	-----	541	1,071
1879	750	80	107	41	8	18	4,464	-----	513	966
1880	189	72	230	65	-----	-----	6,845	-----	420	1,108
1881	207	66	248	78	18	12	7,823	4	456	1,111
1882	166	59	248	64	15	11	7,133	3	503	858
1883	200	61	215	64	18	11	6,487	3	422	704
1884	193	58	178	64	17	10	5,252	3	378	601
1885	190	58	207	59	14	10	5,310	4	339	557
1886	164	61	192	52	15	9	4,704	-----	303	535
1887	160	59	169	55	14	9	4,578	-----	330	395
1888	166	55	170	51	15	10	5,193	-----	298	374
1889	183	72	257	27	6	3	4,603	(1)	272	572
1890	209	81	272	31	6	4	4,095	(1)	290	476
1891	265	96	346	37	8	4	4,857	1	284	591
1892	215	88	308	31	7	5	5,179	1	236	503
1893	248	90	296	41	8	-----	3,296	-----	176	373
1894	247	78	303	25	8	-----	2,546	-----	134	450
1895	212	77	291	27	7	-----	4,433	-----	106	338
1896	163	83	248	32	7	-----	1,925	-----	70	209
1897	168	68	230	39	5	-----	2,010	-----	85	277
1898	183	67	250	28	5	-----	2,084	-----	75	275
1899	206	75	280	35	6	-----	2,026	-----	88	272
1900	195	69	280	30	7	-----	1,913	-----	74	268
1901	159	32	246	-----	-----	-----	943	-----	92	391
1902	171	28	235	-----	-----	-----	1,848	-----	102	502
1903	178	27	236	-----	-----	-----	1,604	-----	106	343
1904	193	25	289	-----	-----	-----	1,490	-----	115	409
1905	154	23	220	-----	-----	-----	1,259	-----	120	273
1906	157	21	261	-----	-----	-----	1,247	-----	117	301
1907	175	38	299	-----	-----	-----	1,580	-----	161	549
1908	181	38	323	-----	-----	-----	1,401	-----	147	528
1909	82	17	219	-----	-----	-----	1,327	-----	91	347
1910	94	20	253	-----	-----	-----	1,604	-----	134	376
1911	101	21	300	-----	-----	-----	1,940	-----	114	457
1912	81	24	304	-----	-----	-----	1,450	-----	131	341
1913	112	22	307	-----	-----	-----	1,419	-----	129	557
1914	122	26	310	-----	-----	-----	1,491	-----	137	516
1915	90	24	315	-----	-----	-----	2,040	-----	177	602
1916	162	25	412	-----	-----	-----	2,118	-----	225	734
1917	164	44	528	-----	-----	-----	4,004	-----	510	2,025
1918	224	48	617	-----	-----	-----	4,962	-----	504	3,368
1919	190	47	338	-----	-----	-----	5,116	-----	439	3,278
1920	144	38	370	-----	-----	-----	4,881	-----	324	2,316
1921	89	25	180	-----	-----	-----	2,057	-----	174	1,286
1922	84	27	253	-----	-----	-----	3,040	-----	190	926
1923	120	22	248	-----	-----	-----	3,819	-----	194	1,259
1924	84	-----	160	-----	-----	-----	3,759	27	263	1,300
1925	84	-----	159	-----	-----	-----	3,506	24	329	2,387
1926	110	-----	153	-----	-----	-----	3,800	28	389	2,301
1927	102	-----	165	-----	-----	-----	4,362	61	488	3,013
1928	123	-----	165	-----	-----	-----	3,625	52	658	5,515

¹ Less than \$500.

110 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 59.—Barley: Total farm value, by States, December 1, 1866-1928—Contd.

[In thousands of dollars—i. e., 000 omitted]

Year	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri	North Dakota ²	South Dakota ²	Nebraska
1866	253	401	207	538		290	112			5
1867	302	913	407	865	208	935	164			4
1868	391	988	499	889	344	1,038	215			7
1869	335	891	438	951	416	582	266			5
1870	506	1,242	452	861	475	604	215			130
1871	228	960	463	771	397	873	151			104
1872	197	1,010	398	781	304	816	162			107
1873	554	1,994	432	1,507	752	3,025	211			268
1874	535	1,795	480	1,038	714	3,281	218			275
1875	338	1,770	770	1,765	742	2,911	369			147
1876	290	1,008	674	1,072	878	2,392	250			138
1877		2,094	569	2,286	802	2,002				137
1878	444	1,024	805	2,468	1,026	1,676				187
1879	430	330	726	2,635	1,066	1,931				502
1880	332	777	1,013	3,040	1,835	2,021	72			498
1881	404	649	1,162	4,440	2,943	2,589	99			609
1882	312	622	1,012	3,175	3,366	2,183	118		259	1,607
1883	187	482	701	3,334	3,420	2,087	90		292	1,341
1884	253	601	628	3,431	2,830	1,733	107	1,058		1,172
1885	147	571	725	4,372	3,294	1,991	81	889		1,275
1886	248	610	657	3,356	3,051	2,270	86	468		1,174
1887	231	398	598	3,209	3,362	1,931	80	1,662		1,138
1888	256	569	638	6,186	4,623	2,300	95	2,603		1,830
1889	110	603	1,160	6,090	3,185	4,156	12	581	334	647
1890	114	449	1,381	6,128	4,570	6,157	17	1,542	1,372	831
1891	154	632	1,489	7,123	4,508	6,127	22	1,935	1,597	890
1892	152	372	1,280	6,231	4,177	4,420	21	1,429	1,170	661
1893	66	287	645	4,741	3,337	3,828	13	881	798	285
1894	71	311	776	5,616	4,445	3,241	6	1,401	252	147
1895	41	159	540	3,695	4,185	2,918	7	1,708	483	334
1896	36	127	539	2,415	2,268	2,152	3	796	629	172
1897	42	132	406	2,515	2,218	2,199	6	1,269	480	226
1898	46	137	461	3,008	8,023	3,105	6	1,523	671	273
1899	69	186	445	3,068	2,525	3,724	5	1,950	099	283
1900	87	161	425	2,754	2,765	4,332	7	700	478	194
1901	160	273	496	6,844	9,766	5,872	15	2,004	2,730	487
1902	143	286	575	7,594	9,604	4,862	23	5,710	3,393	671
1903	122	287	492	6,429	10,280	4,066	18	4,489	3,517	562
1904	142	275	478	6,425	10,279	4,879	24	4,905	3,132	582
1905	119	304	425	6,044	9,284	3,498	19	5,798	2,899	567
1906	130	319	895	10,057	11,057	5,607	19	5,219	7,331	1,042
1907	124	402	1,002	13,817	17,864	8,507	26	9,075	12,278	1,206
1908	135	558	1,107	14,355	15,925	6,885	29	8,432	11,558	1,276
1909	147	839	1,301	12,407	16,416	5,043	91	11,337	10,078	855
1910	151	930	1,402	13,261	18,270	8,673	113	3,297	10,893	1,058
1911	178	1,417	1,858	20,701	26,904	10,184	60	17,404	4,847	792
1912	160	952	1,470	13,664	17,227	7,570	98	12,307	9,680	1,044
1913	100	800	1,265	10,875	16,704	5,500	66	10,200	7,712	862
1914	134	989	1,521	11,425	16,998	5,148	78	12,724	9,775	1,248
1915	237	1,047	1,555	10,735	18,681	4,177	79	20,416	11,040	1,367
1916	304	1,978	2,230	19,215	22,729	7,919	93	21,390	15,544	2,310
1917	1,111	5,899	4,005	23,808	38,212	12,285	141	22,812	34,630	5,533
1918	1,924	8,100	9,000	23,385	32,240	14,405	288	27,215	30,489	4,811
1919	2,183	6,783	6,958	16,546	18,885	6,740	351	13,476	19,506	5,677
1920	1,903	4,537	5,708	18,367	18,872	3,118	192	10,937	13,364	3,712
1921	593	2,093	1,995	5,427	6,358	1,342	100	4,927	5,522	1,376
1922	296	3,251	2,339	8,105	11,309	2,256	83	10,025	8,510	2,047
1923	448	3,835	2,304	8,084	10,582	2,342	126	8,312	8,010	4,176
1924	370	5,400	2,696	9,759	20,203	2,951	82	23,664	13,651	3,053
1925	523	6,549	2,275	11,197	17,129	3,122	177	16,757	11,181	3,057
1926	280	5,430	2,464	11,683	16,664	4,577	173	9,683	4,086	3,725
1927	608	9,756	4,029	16,042	28,470	9,409	153	25,020	20,880	4,167
1928	1,058	10,632	5,670	17,484	30,000	14,232	229	23,893	17,499	7,149

² Dakota Territory prior to Nov. 2, 1889.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 111

TABLE 59.—Barley: Total farm value, by States, December 1, 1866-1928—Contd.

[In thousands of dollars—i. e., 000 omitted]

Year	Kansas	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky
1866	5	4	18					15		131
1867	5	5	23	4	55	3	10	17	4	151
1868	4	5	21	4	64	3	10	19	4	185
1869	16	4	17	19	52	3	11	18	6	296
1870	62	1	9	5	43	1	6	11		287
1871	64	1	9	5	33	1	4	7		184
1872	59	1	7	4	45	2	4	4		157
1873	332	1	8	4	47	2	12	10		201
1874	310	2	9	5	45	2	5	15		260
1875	398				31			23		188
1876	809				41					212
1877	610				36					173
1878	669				32					326
1879	290				26					274
1880	146							14		353
1881	182		7	16	9	3	20	28		306
1882	142		5	15	7	2	18	25		320
1883	139		5	15	9	2	10	23		311
1884	183		5	12	8	3	18	23		275
1885	298		4	13	5	3	18	26		229
1886	204			13	3	3		19		241
1887	258			14	7	2		15		128
1888	76			12	8					162
1889	53	(¹)	8	19	3	2	4	4	(¹)	86
1890	96	(¹)	11	24	4	4	9	7	(¹)	72
1891	134	(¹)	12	21	5	4	10	8	(¹)	76
1892	122	(¹)	8	24	4	4	6	6	(¹)	47
1893	60									41
1894	70									51
1895	59									34
1896	10									11
1897	77									13
1898	199									9
1899	859									12
1900	1,382									21
1901	984		14	33						14
1902	845		21	26						14
1903	1,492		20	36						11
1904	1,198		20	39						11
1905	1,077		21	38						8
1906	2,784		21	38						10
1907	2,372		20	36						19
1908	2,376		20	58						18
1909	1,178		86	180						50
1910	2,106		76	196						47
1911	975		55	161						68
1912	1,054		73	188						58
1913	1,069		93	200						62
1914	2,764		109	229						109
1915	3,515		119	261						139
1916	4,620		140	280						140
1917	6,000		162	500						161
1918	5,738		223	518						235
1919	13,743		162	292						236
1920	8,767		121	270						161
1921	4,222		80	149						88
1922	8,361		96	198						143
1923	10,051		106	216						169
1924	4,794		358	425		177				121
1925	3,526		345	404		276				148
1926	1,850		274	391		390				109
1927	3,132		238	294		528				147
1928	8,830		354	345		883				46

¹ Less than \$500.

TABLE 59.—Barley: Total farm value, by States, December 1, 1866-1928—Contd.

[In thousands of dollars—i. e., 000 omitted]

Year	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas	Montana	Idaho	Wyoming
1866	19	12	1	5			41			
1867	19	11	10	6			32			
1868	20	11	8	6			53			
1869	25	13	9	4			49			
1870	21						65			
1871	51	6	4	2	1		51			
1872	50						45			
1873	65						55			
1874	85	7					49			
1875	57						58			
1876	66						60			
1877										
1878										
1879										
1880	24						100			
1881	38	8					95			
1882	29	7					95	54	297	
1883	32	7					95	37	255	
1884	33	8					87	44	218	
1885	26						70	54	265	
1886	24	7					97	33	136	
1887	22						60	44	204	
1888	22						84	71	282	
1889	35	1	(¹)	(¹)	(¹)		29	97	101	
1890	49	3	1	1	1		28	85	161	
1891	24	3	1	2	1		36	93	207	
1892	46	2	1	1	(¹)		33	108	91	
1893	24						25	78	164	
1894	20						21	47	158	
1895	29						29	84	109	
1896	13						14	78	36	
1897	21						22	99	159	
1898	19						21	108	185	
1899	13						23	110	187	
1900	16						36	97	199	
1901	18						58	365	731	26
1902	14					157	248	72	337	24
1903	19					181	85	425	749	18
1904	17					191	118	325	1,076	21
1905	14					155	77	281	1,270	22
1906	14					154	69	265	964	60
1907	14					327	50	400	1,265	87
1908	18					400	75	534	1,130	91
1909	42					83	52	474	2,713	140
1910	55					178	135	521	2,244	201
1911	76					61	84	728	4,175	280
1912	42					80	137	755	3,527	232
1913	35					50	136	893	3,029	242
1914	111					93	140	1,132	3,515	338
1915	144					106	171	1,306	4,023	337
1916	237					100	122	2,022	6,076	718
1917	130					213	247	1,390	5,329	1,310
1918	280					422	221	1,914	6,188	1,443
1919	216					2,818	3,058	588	3,276	210
1920	152					2,004	1,346	749	2,415	238
1921	189					1,208	842	923	1,308	170
1922	252					1,206	1,149	1,150	1,878	336
1923	391					1,987	1,763	1,285	2,319	546
1924	440					3,365	3,164	1,794	3,000	522
1925	657					1,323	752	2,359	3,055	684
1926	1,152					1,723	3,228	2,304	2,486	850
1927	798					386	2,184	3,861	3,860	1,224
1928	462					772	2,391	3,569	3,901	1,623

¹ Less than \$500.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 113

TABLE 59.—Barley: Total farm value, by States, December 1, 1866-1928—Contd.

[In thousands of dollars—i. e., 000 omitted]

Year	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California	The Territories
1866									
1867									5,850
1868								10,815	
1869					(²)		120	7,985	2,400
1870					363		137	7,230	321
1871					439		173	7,870	373
1872					603		146	6,255	389
1873					693		189	8,682	331
1874					563		204	8,604	407
1875					515		315	8,235	720
1876					495		367	8,142	757
1877							341	7,020	
1878							230	9,718	
1879							307	8,121	
1880	80				365		454	8,979	1,059
1881	101				340		432	7,812	1,249
1882	85	54	311	194	421	443	492	6,118	
1883	118	47	241	198	367	423	575	6,386	
1884	107	43	236	136	550	308	582	8,433	
1885	94	53	358	150	377	352	345	10,035	
1886	120	54	386	230	340	602	489	10,425	
1887	109	36	271	383	341	381	342	8,471	
1888	223	45	298	350	380	548	573	9,126	
1889	209	15	108	90	142	622	411	7,897	5
1890	225	20	160	112	127	903	680	11,327	6
1891	183	23	188	105	152	1,004	462	11,750	10
1892	108	20	104	70	137	574	421	9,534	9
1893	183	19	155	107	169	726	390	7,189	
1894	200	29	187	96	129	510	452	5,047	
1895	268	35	183	75	131	738	308	7,609	
1896	118	15		72		417	304	9,522	
1897	173	21		83		729	430	10,950	
1898	163	21		98		668	398	5,957	
1899	186	22		101		621	399	11,120	
1900	157	19		120		641	380	6,388	
1901	376	23	259	159	158	2,379	925	11,617	
1902	332	12	329	160	199	2,816	1,034	18,743	
1903	442	13	400	185	211	3,070	1,208	18,836	
1904	408	15	405	181	182	2,854	1,034	16,855	
1905	331	9	531	153	164	3,183	965	15,698	
1906	410	9	430	285	180	2,844	1,089	20,930	
1907	600	18	720	249	232	3,876	1,460	23,444	
1908	515	33	937	292	185	3,007	1,061	18,816	
1909	1,247	43	887	588	309	3,734	1,569	19,567	
1910	1,440	40	1,134	497	336	2,909	2,207	25,575	
1911	1,481	46	1,112	681	389	4,428	2,564	34,510	
1912	1,482	50	1,253	664	428	4,171	2,356	29,232	
1913	1,820	69	1,082	635	443	3,791	2,310	22,542	
1914	2,181	128	756	720	397	3,691	2,233	24,815	
1915	2,074	185	725	751	403	4,067	2,902	24,453	
1916	4,198	308	1,210	930	467	5,724	4,312	31,654	
1917	5,708	506	1,732	1,465	458	5,670	6,070	40,980	
1918	4,190	400	1,328	1,568	628	3,024	5,576	39,408	
1919	3,488	262	1,225	516	238	3,442	2,322	37,575	
1920	3,909	195	952	593	248	2,895	2,415	28,750	
1921	1,644	146	742	246	150	1,531	1,120	16,632	
1922	2,085	128	701	346	176	1,314	1,593	21,693	
1923	4,098	167	1,197	625	105	2,330	2,064	23,148	
1924	4,709	54	528	347	261	1,345	1,430	19,435	
1925	4,994	72	700	658	315	2,104	2,313	24,412	
1926	3,344	135	744	576	238	1,414	1,492	18,792	
1927	5,051	101	525	1,072	324	1,876	2,452	25,422	
1928	7,089	171	517	1,216	308	1,366	2,646	22,926	

Compiled from records of the Division of Crop and Livestock Estimates. Value 1866-1878 reduced to gold basis. Value per acre not reported prior to 1913. See general note on Table 53. The State figures shown in this table for 1879, 1889-1909 are the only State figures available for publication. The sum of these State figures over this period will not agree with the revised figures for the United States given in Table 53.

¹ State of Nevada included in "The Territories," 1869.

TABLE 60.—Barley: Acreage in specified countries, average 1909–1913, annual 1921–1928

[In thousands of acres—i. e., 000 omitted]

Country	Average 1909-1913 ¹	1921	1922	1923	1924	1925	1926	1927	1928 ²
NORTHERN HEMISPHERE									
NORTH AMERICA									
Canada.....	1,574	2,796	2,600	2,785	3,407	3,524	3,647	3,506	4,881
United States.....	7,620	7,414	7,317	7,835	6,925	7,997	7,970	9,476	12,539
Mexico.....	³ 1,436	700	697	697	711	432	448	434	-----
Total North American countries reporting area and production all years.....	9,194	10,210	9,917	10,620	10,332	11,521	11,617	12,982	17,420
EUROPE									
United Kingdom:									
England and Wales.....	1,488	1,436	1,804	1,327	1,314	1,318	1,148	1,049	1,185
Scotland.....	191	171	167	169	162	163	122	120	112
Northern Ireland.....	3	3	2	2	2	2	2	2	2
Irish Free State.....	162	169	163	146	150	140	141	121	129
Norway.....	89	156	132	124	136	139	143	150	149
Sweden.....	448	397	427	382	428	412	443	303	273
Denmark.....	639	628	667	690	745	744	770	822	873
Netherlands.....	68	61	61	59	63	73	67	66	70
Belgium.....	88	96	80	85	78	79	87	79	77
Luxemburg.....	3	5	9	9	9	7	7	7	7
France.....	1,987	1,679	1,712	1,684	1,765	1,727	1,708	1,747	1,817
Spain.....	3,510	4,335	4,082	4,539	4,344	4,414	4,473	4,462	4,449
Portugal.....	(170)	167	188	170	194	189	185	193	193
Italy.....	647	585	576	599	572	578	587	583	560
Switzerland.....	13	16	16	16	16	15	16	16	16
Germany.....	3,464	2,808	2,846	3,216	3,573	3,545	3,671	3,653	3,763
Austria.....	421	266	313	334	341	348	362	360	366
Czechoslovakia.....	2,275	1,613	1,667	1,697	1,676	1,714	1,790	1,755	1,779
Hungary.....	1,322	1,184	1,145	1,125	1,008	1,019	1,049	1,002	1,014
Yugoslavia.....	1,058	910	927	891	899	883	867	906	943
Greece.....	⁴ 369	339	368	363	410	437	506	465	598
Bulgaria.....	516	524	549	546	529	549	552	561	601
Rumania.....	⁵ 3,378	3,878	4,269	4,042	4,573	4,211	3,834	4,359	4,322
Poland.....	3,048	2,451	2,825	2,964	3,011	3,025	3,048	3,003	2,723
Lithuania.....	536	414	417	432	484	507	532	487	418
Latvia.....	463	361	387	441	443	436	470	458	362
Estonia.....	329	283	331	331	307	284	300	295	263
Finland.....	278	272	277	273	272	272	272	267	268
Malta.....	5	7	6	7	6	6	6	7	7
Russia, European and Asiatic	26,193	15,714	9,029	15,479	18,082	15,715	18,218	17,479	17,159
Total Europe, excluding Russia.....	26,068	25,214	25,963	27,223	27,506	27,230	27,156	27,413	27,320
AFRICA									
Morocco.....	(3,000)	2,472	2,547	2,803	3,120	3,369	3,157	2,469	2,520
Algeria.....	3,395	2,709	2,913	2,876	3,210	3,377	3,543	3,360	3,282
Tunis.....	1,228	1,228	734	1,212	602	1,245	1,409	856	1,359
Egypt.....	398	394	375	400	372	366	333	376	366
Total Africa.....	8,021	6,803	6,569	7,291	7,394	8,357	8,442	7,061	7,533
ASIA									
Cyprus.....	(115)	119	117	113	112	110	114	114	-----
India.....	8,877	6,203	7,303	7,350	7,126	6,898	6,573	6,387	6,772
Syria and Lebanon.....	(450)	(555)	615	555	925	631	601	655	892
Japan.....	3,042	2,929	2,746	2,549	2,459	2,407	2,431	2,343	2,240
Chosen.....	1,623	2,108	2,130	2,170	2,124	2,164	2,185	2,190	2,210
Total Northern Hemisphere countries, excluding Russia, reporting area and production all years.....	58,175	54,022	55,243	57,768	57,866	59,208	59,005	59,031	64,300
Estimated Northern Hemisphere total, excluding Russia and China.....	64,200	59,900	61,100	63,600	63,600	65,100	64,300	62,800	68,000

¹ Where changes in boundary have occurred, averages are estimates for territory within present boundaries.² Preliminary.³ 3-year average.⁴ 1 year only.⁵ 4-year average.⁶ Figures for Malta include maslin.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 115

TABLE 60.—Barley: Acreage in specified countries, average 1909-1913, annual 1921-1928—Continued

[In thousands of acres—i. e., 000 omitted]

Country	Average 1909-1913	1921	1922	1923	1924	1925	1926	1927	1928
SOUTHERN HEMISPHERE									
Brazil.....				14	13	12	23	15	
Chile.....	111	141	153	160	162	190	155	168	221
Uruguay.....	57	3	3	5	7	7	5	7	9
Argentina.....	230	620	599	685	824	900	979	1,186	1,321
Union of South Africa ²	109	106	107	92	83	107	60	68	85
Australia.....	154	299	342	259	260	375	371	375	
New Zealand.....	35	33	17	21	25	26	30	22	22
Estimated Southern Hemisphere total.....	800	1,400	1,400	1,400	1,500	1,800	1,800	2,400	2,200
Total Northern and Southern Hemisphere countries, excluding Russia, reporting area and production all years.....	58,291	54,131	55,353	57,855	57,956	59,382	59,079	59,106	64,490
Estimated world total, excluding Russia and China.....	65,000	61,309	62,500	65,000	65,100	66,900	66,100	65,200	70,200

Official sources and International Institute of Agriculture. Estimates given are for crops harvested during the calendar years in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

¹ 1 year only.

² 4-year average.

³ Excludes native locations.

TABLE 61.—Barley: Yield per acre in specified countries, average 1909-1913, annual 1921-1928

Country	Average, 1909-1913 ¹	1921	1922	1923	1924	1925	1926	1927	1928 ²
NORTHERN HEMISPHERE									
NORTH AMERICA									
Canada.....	Bushels 28.8	Bushels 21.4	Bushels 27.7	Bushels 27.6	Bushels 26.1	Bushels 24.7	Bushels 27.4	Bushels 27.6	Bushels 27.9
United States.....	24.3	20.9	24.0	25.2	26.2	26.7	23.2	28.1	28.5
Mexico.....	³ 4.2	5.7	5.6	5.6	7.0	8.8	9.6	10.3	
Total North American countries reporting area and production all years.....	25.0	21.0	25.6	25.9	26.2	26.1	24.5	27.9	28.3
EUROPE									
United Kingdom:									
England and Wales.....	34.0	30.8	31.0	31.4	35.4	35.8	37.2	38.3	40.1
Scotland.....	37.6	36.0	39.1	36.5	39.6	41.5	41.7	36.6	42.9
Northern Ireland.....	47.7	32.3	38.5	41.5	46.5	52.0	36.0	34.0	45.0
Irish Free State.....	45.5	34.3	42.7	31.5	36.9	42.3	47.5	52.0	47.6
Norway.....	32.2	27.4	34.0	26.7	34.5	37.3	35.8	31.1	37.6
Sweden.....	33.6	30.2	31.6	29.9	31.0	35.0	33.8	21.9	35.1
Denmark.....	42.0	43.9	45.6	47.0	45.9	49.2	43.4	43.9	58.4
Netherlands.....	48.1	54.1	51.5	50.0	56.5	48.7	53.1	51.8	65.0
Belgium.....	50.5	53.3	43.0	49.2	47.9	52.7	48.3	52.8	61.0
Luxemburg.....	27.3	14.8	19.7	22.3	19.3	25.0	26.3	25.4	28.3
France.....	26.6	22.8	23.9	26.7	27.2	27.3	26.9	28.8	29.2
Spain.....	21.3	20.6	19.0	24.6	19.3	22.4	21.5	26.7	18.4
Portugal.....		10.2	9.7	14.4	10.7	11.7	8.0	10.3	7.8

¹ Where changes in boundary have occurred, averages are estimates for territory within present boundaries.

² Preliminary.

³ 3-year average.

TABLE 61.—Barley: Yield per acre in specified countries, average 1909-1913, annual 1921-1928—Continued

Country	Average 1909-1913	1921	1922	1923	1924	1925	1926	1927	1928
NORTHERN HEMISPHERE—Continued									
EUROPE—continued									
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
Italy.....	16.4	19.0	14.3	18.5	15.2	22.3	18.8	16.2	19.7
Switzerland.....	33.0	34.6	30.7	35.6	32.4	35.5	35.3	35.1	35.3
Germany.....	38.6	31.7	25.9	33.7	30.8	33.7	30.8	20.9	41.0
Austria.....	23.9	20.6	17.9	23.5	21.1	26.5	25.1	33.5	32.0
Czechoslovakia.....	31.3	29.4	27.8	32.4	20.6	33.4	29.3	33.6	33.3
Hungary.....	24.5	18.1	19.4	24.2	14.0	25.0	24.3	23.6	27.5
Yugoslavia.....	19.1	14.7	11.9	15.8	15.0	20.5	19.9	15.0	18.7
Greece.....	* 18.8	17.4	16.1	14.6	10.5	15.9	15.1	15.6	17.1
Bulgaria.....	20.1	16.2	18.7	15.4	13.4	22.0	20.1	22.9	20.2
Rumania.....	* 18.3	11.4	22.0	13.1	6.7	11.1	20.2	13.3	16.1
Poland.....	22.7	22.9	21.1	25.7	18.4	25.5	23.4	24.5	25.8
Lithuania.....	16.5	16.1	26.3	18.4	19.2	22.2	21.5	17.7	16.5
Latvia.....	17.1	18.0	17.5	13.7	16.8	18.7	18.4	13.0	0.0
Estonia.....	18.8	20.2	20.2	12.4	18.0	18.6	20.1	14.7	16.0
Finland.....	17.8	22.5	23.3	14.3	21.9	23.8	26.4	24.6	22.0
Malta ^e	22.8	38.1	36.8	41.6	44.8	44.8	44.8	43.4	44.0
Russia, European and Asiatic.....	16.0	7.5	19.5	12.7	10.0	17.8	13.9	12.3	15.3
Total Europe, excluding Russia.....	26.0	22.5	23.1	24.4	21.0	25.3	25.4	24.7	27.0
AFRICA									
Morocco.....		15.1	10.7	12.6	17.1	14.3	9.4	13.8	18.2
Algeria.....	13.5	12.3	7.2	15.5	6.0	10.6	6.5	10.3	11.6
Tunis.....	6.4	9.4	2.5	9.5	3.7	5.5	6.3	4.8	7.6
Egypt.....	29.8	30.3	30.1	30.0	28.9	30.4	30.3	31.8	29.5
Total Africa.....	12.9	13.8	9.3	14.2	11.6	12.2	8.5	12.0	14.0
ASIA									
Cyprus.....		18.4	20.1	22.5	15.8	18.9	17.0	16.0	-----
India.....	16.4	18.9	20.0	19.8	19.2	17.9	18.3	18.6	14.4
Syria and Lebanon.....			12.9	18.2	6.3	10.2	17.6	23.4	15.4
Japan.....	31.5	28.1	29.6	27.0	30.5	37.1	36.2	35.2	37.3
Chosen.....	19.9	18.6	16.5	14.4	17.5	18.7	17.5	16.1	16.5
Total Northern Hemisphere countries, excluding Russia, reporting area and production all years.....	22.6	20.7	21.4	22.5	20.5	22.8	22.1	23.3	24.3
SOUTHERN HEMISPHERE									
Brazil.....				18.5	21.8	27.4	12.3	27.4	-----
Chile.....	36.8	32.3	33.0	33.7	30.6	36.3	20.2	40.3	-----
Uruguay.....	* 11.1	14.0	9.3	15.8	14.7	15.3	14.0	16.6	17.7
Argentina.....	* 19.1	9.6	12.9	17.3	8.5	18.9	18.8	12.3	-----
Union of South Africa [†]	* 11.7	12.4	12.1	12.1	12.3	10.4	15.6	12.0	11.7
Australia.....	19.6	21.2	19.9	20.0	20.3	17.7	19.5	17.6	-----
New Zealand.....	36.1	36.3	36.6	29.6	33.2	37.9	43.2	41.0	-----

Official sources and International Institute of Agriculture. Estimates given are for crops harvested during the calendar years in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

* 1 year only.
 † 4-year average.

* Includes maslin.
 † Excludes native locations.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 117

TABLE 62.—Barley: Production in specified countries, average 1909–1913, annual 1921–1928

[In thousands of bushels—i. e., 000 omitted]

Country	Average 1909–1913 ¹	1921	1922	1923	1924	1925	1926	1927	1928 ²
NORTHERN HEMISPHERE									
NORTH AMERICA									
Canada.....	45, 275	59, 709	71, 865	76, 998	88, 807	87, 118	99, 987	96, 038	136, 391
United States.....	184, 812	164, 946	182, 088	197, 691	181, 575	213, 863	184, 905	265, 882	356, 868
Mexico.....	7, 021	3, 956	3, 887	3, 910	4, 047	3, 802	4, 302	4, 486	-----
Total North American countries reporting area and production, all years.....	230, 087	214, 655	253, 033	274, 689	270, 382	300, 081	284, 892	362, 820	493, 259
EUROPE									
United Kingdom:									
England and Wales.....	50, 658	44, 242	42, 233	41, 717	46, 572	47, 133	42, 761	40, 227	47, 549
Scotland.....	7, 173	6, 158	6, 133	5, 800	6, 020	6, 347	5, 087	4, 387	4, 807
Northern Ireland.....	143	97	77	83	93	104	72	68	90
Irish Free State.....	7, 360	5, 804	6, 967	5, 459	5, 761	6, 172	6, 692	6, 295	6, 146
Norway.....	2, 807	4, 279	4, 483	3, 282	4, 692	5, 180	5, 125	4, 672	5, 600
Sweden.....	15, 035	11, 994	13, 503	11, 420	13, 252	14, 426	14, 971	9, 109	9, 570
Denmark.....	26, 860	27, 548	30, 433	32, 457	34, 219	36, 574	33, 415	36, 082	50, 981
Netherlands.....	3, 270	3, 302	3, 143	2, 950	3, 557	3, 556	3, 558	3, 410	4, 547
Belgium.....	4, 446	5, 117	3, 438	4, 182	3, 735	4, 165	4, 201	4, 169	4, 694
Luxemburg.....	82	74	177	201	174	175	184	178	198
France.....	52, 826	38, 318	40, 908	45, 024	48, 051	47, 159	45, 855	50, 327	53, 100
Spain.....	74, 689	80, 320	77, 533	111, 861	83, 700	98, 925	96, 284	92, 220	81, 740
Portugal.....	(1, 200)	1, 698	1, 823	2, 453	2, 083	2, 297	1, 485	1, 982	1, 612
Italy.....	10, 638	11, 119	8, 253	10, 499	8, 685	12, 860	11, 023	9, 443	11, 024
Switzerland.....	441	553	491	570	519	533	565	561	565
Germany.....	133, 787	89, 039	73, 824	108, 446	110, 226	119, 373	113, 102	125, 750	153, 721
Austria.....	10, 095	5, 481	5, 599	7, 855	7, 208	9, 217	9, 074	10, 935	11, 730
Czechoslovakia.....	71, 108	47, 471	46, 352	54, 981	44, 583	57, 206	52, 500	59, 014	59, 203
Hungary.....	32, 369	21, 408	22, 170	27, 268	14, 712	25, 430	25, 509	23, 684	27, 871
Yugoslavia.....	20, 299	13, 378	11, 069	14, 065	13, 478	18, 144	17, 274	14, 449	17, 622
Greece.....	* 6, 953	5, 902	5, 917	5, 308	4, 307	6, 946	7, 620	7, 271	10, 196
Bulgaria.....	10, 380	8, 489	10, 280	8, 431	7, 067	12, 062	11, 085	12, 867	15, 743
Rumania.....	* 61, 677	44, 254	93, 774	60, 870	30, 759	46, 817	77, 388	57, 950	69, 403
Poland.....	69, 055	56, 204	59, 559	78, 036	55, 488	77, 036	71, 401	75, 059	70, 134
Lithuania.....	8, 820	6, 675	10, 869	7, 957	9, 317	11, 251	11, 430	8, 630	6, 910
Latvia.....	7, 022	6, 496	6, 770	6, 021	7, 437	8, 169	8, 602	6, 974	3, 275
Estonia.....	6, 201	5, 722	6, 670	4, 098	5, 539	5, 289	6, 038	4, 335	4, 211
Finland.....	4, 947	6, 114	6, 466	3, 893	5, 969	6, 467	7, 170	6, 571	5, 889
Malta ³	114	267	221	291	269	269	269	304	314
Russia, European and Asiatic.....	418, 030	118, 497	175, 672	196, 361	180, 635	279, 194	253, 010	215, 472	261, 804
Total Europe, excluding Russia.....	* 701, 321	566, 426	590, 158	663, 404	577, 471	689, 192	689, 800	675, 929	738, 345
AFRICA									
Morocco.....	(38, 000)	37, 248	27, 230	35, 371	53, 397	48, 276	29, 762	33, 955	45, 929
Algeria.....	45, 974	33, 294	20, 912	44, 527	19, 322	35, 839	23, 002	34, 554	38, 122
Tunis.....	7, 826	11, 482	1, 837	11, 482	2, 526	6, 889	8, 818	4, 137	10, 334
Egypt.....	11, 867	11, 941	11, 306	11, 988	10, 754	11, 144	10, 097	11, 961	10, 789
Total Africa.....	103, 667	93, 965	61, 285	103, 368	85, 990	102, 148	71, 679	84, 607	105, 184

¹ Where changes in boundary have occurred, averages are estimated for territory within present boundaries.

² Preliminary.

³ 1 year only.

⁴ 4-year average.

⁵ Includes meslin.

⁶ The estimate for the 5-year period 1909–1913, given in this table, is somewhat larger than the figure obtained by averaging those 5 years in Table 63. This is because in the detailed table estimates for warring countries are for post-war boundaries, whereas in Table 63 they are for pre-war territory. As a result in excluding Russia, which lost territory during the war, a smaller area is excluded in the detailed table than in Table 63.

TABLE 62.—Barley: Production in specified countries, average 1909-1913, annual 1921-1928—Continued

[In thousands of bushels—i. e., 000 omitted]

Country	Average 1909- 1913	1921	1922	1923	1924	1925	1926	1927	1928
NORTHERN HEMI- SPHERE—Contd.									
ASIA									
Cyprus.....	2,183	2,188	2,352	2,543	1,766	2,077	1,939	1,820	.....
India.....	145,406 (5,000)	117,087 6,190	145,973 7,946	145,460 10,104	137,000 5,814	123,387 6,442	120,587 10,588	119,047 15,325	97,720 13,706
Syria and Lebanon.....	95,784	82,323	81,411	68,858	75,024	91,480	88,999	82,482	83,505
Chosen.....	32,243	30,201	36,133	31,264	37,074	40,363	38,307	35,312	34,158
Total Northern Hemisphere countries, excluding Russia, reporting area and production, all years.....	1,313,598	1,119,853	1,184,830	1,297,147	1,188,824	1,353,993	1,303,952	1,375,522	1,565,877
Estimated Northern Hemisphere total, excluding Russia and China.....	1,408,000	1,223,000	1,287,000	1,401,000	1,291,000	1,456,000	1,413,000	1,477,000	1,662,000
SOUTHERN HEMI- SPHERE									
Brazil.....	283	429	305	250	283	329	284	411	.....
Chile.....	4,090	4,556	5,051	5,263	4,964	6,903	4,523	6,765	.....
Uruguay.....	478	428	28	79	103	107	70	116	150
Argentina.....	4,395	5,982	7,741	11,871	6,974	17,054	18,372	14,560	.....
Union of South Africa ¹	1,274	1,314	1,294	1,115	1,025	1,111	1,075	814	904
Australia.....	3,021	6,339	6,822	5,183	5,277	6,621	7,220	6,619	.....
New Zealand.....	1,264	1,199	623	622	831	986	1,295	903	.....
Estimated Southern Hemisphere total.....	17,000	22,000	25,000	27,000	33,000	47,000	47,000	45,000	.....
Total Northern and Southern Hemisphere countries, excluding Russia, reporting area and production, all years.....	1,314,950	1,121,200	1,186,161	1,298,341	1,189,952	1,355,211	1,305,007	1,376,542	1,567,030
Estimated world total, excluding Russia and China.....	1,425,000	1,246,000	1,311,000	1,428,000	1,324,000	1,503,000	1,460,000	1,522,000	.....

Official sources and International Institute of Agriculture. Estimates given are for crops harvested during the calendar year in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

¹ 1 year only.

⁴ 4-year average.

⁶ The estimate for the 5-year period 1909-1913, given in this table, is somewhat larger than the figure obtained by averaging those 5 years in Table 63. This is because in the detailed table estimates for warring countries are for post-war boundaries, whereas in Table 63 they are for pre-war territory. As a result in excluding Russia, which lost territory during the war, a smaller area is excluded in the detailed table than in Table 63.

⁷ Excludes native locations which produced 38,560 bushels in 1917-18 and 29,056 bushels in 1920-21.

TABLE 63.—*Barley: World production, 1894-1928*

[In millions of bushels—i. e., 000,000 omitted]

Year	Estimated world production, excluding Russia	European production, excluding Russia	Production in—								
			United States	Russia ¹	Germany	Japan	Canada	India	Spain	Rumania	
1894	935	544	78	277	131	81				57	17
1895	1,008	527	115	226	128	80				47	22
1896	973	528	99	254	125	71				36	32
1897	907	481	103	239	118	73				46	21
1898	1,040	584	100	307	130	83				73	30
1899	1,017	533	117	227	137	77				54	5
1900	1,269	522	96	237	138	82				57	15
1901	1,085	570	122	240	153	83				80	24
1902	1,127	502	149	338	142	74				81	25
1903	1,009	589	147	357	153	60				64	30
1904	1,068	512	162	346	135	81				54	12
1905	1,067	532	170	347	134	77				46	26
1906	1,226	610	192	331	143	84				90	34
1907	1,161	569	170	377	161	90				54	20
1908	1,132	536	185	402	141	87	47			70	13
1909	1,338	621	188	502	161	87	55			79	20
1910	1,242	560	174	488	133	82	29			76	29
1911	1,326	606	160	437	145	86	44			87	26
1912	1,345	589	224	496	100	91	49			60	21
1913	1,400	637	178	600	109	101	48			69	27
1914	1,213	546	195	² 433	144	86	36	125		72	26
1915	1,244	477	229	³ 429	114	95	54	143		84	29
1916	1,201	507	182	⁴ 305	128	89	43	148		87	30
1917	1,170	427	212	325	⁵ 00	89	55	156		78	
1918	1,273	420	256		94	88	77	156		90	⁶ 5
1919	1,117	479	148		88	89	56	130		82	32
1920	1,249	552	189	216	82	85	63	150		90	68
1921	1,246	566	155	118	89	82	60	117		89	44
1922	1,311	590	182	176	74	81	72	146		78	94
1923	1,428	663	198	196	108	69	77	145		112	61
1924	1,324	577	182	181	110	⁶ 75	89	137		84	31
1925	1,503	689	214	279	119	⁶ 91	87	123		99	47
1926	1,460	690	185	253	113	⁶ 88	100	121		96	77
1927	1,522	676	266	215	126	⁶ 82	97	119		92	58
1928		738	357	262	154	⁶ 84	136	98		82	69

Official sources and International Institute of Agriculture. For each year is shown the production during the calendar year in the Northern Hemisphere and the succeeding harvest in the Southern Hemisphere.

¹ Includes all Russian territory reporting for years shown.

² Total Russian Empire exclusive of the 10 Vistula Provinces of Russian Poland and the Province of Batum in Transcaucasia.

³ Exclusive of Russian Poland, Lithuania, parts of present Latvia and the Ukraine, and 2 provinces of Transcaucasia.

⁴ Estimates within present boundaries of the Union of Socialist Soviet Republics excluding Turkestan, Transcaucasia, and the Far East, which regions in 1924 produced 20,897,000 bushels.

⁵ Post-war boundaries beginning this year and therefore not comparable with earlier years.

⁶ Weighed bushels, those reported for the earlier years being measured bushels.

⁷ Preliminary.

TABLE 64.—Barley, spring and fall sown: Average dates of planting and harvesting by States, in chronological order

State	Planting			Harvesting		
	Begin-ning	General	Ending	Begin-ning	General	Ending
Oklahoma.....	Feb. 26	Mar. 17	Mar. 31	June 19	June 28	July 5
Missouri.....	Mar. 15	Mar. 28	Apr. 8	July 2	July 8	July 14
Kansas.....	Mar. 18	Mar. 30	Apr. 13	June 29	July 7	July 15
Indiana.....	Mar. 27	Apr. 7	Apr. 19	July 4	July 13	July 20
Ohio.....	Mar. 28	Apr. 8	Apr. 21	July 5	July 15	July 21
Iowa.....	Apr. 8	Apr. 14	Apr. 22	July 9	July 12	Do.
Nebraska.....	do.	Apr. 17	Apr. 28	July 11	July 18	July 26
Pennsylvania.....	do.	Apr. 20	May 2	July 22	July 29	Aug. 6
South Dakota.....	Apr. 14	Apr. 26	May 10	do.	July 30	Aug. 7
Wisconsin.....	Apr. 23	Apr. 30	May 9	July 25	Aug. 2	Aug. 9
New York.....	do.	do.	May 16	July 30	Aug. 8	Aug. 18
Michigan.....	Apr. 25	May 4	May 15	July 29	Aug. 7	Aug. 15
Minnesota.....	May 1	May 10	May 20	July 25	Aug. 2	Aug. 11
North Dakota.....	May 4	May 14	May 29	July 31	Aug. 9	Aug. 18
Massachusetts.....	May 11	May 22	June 4	July 27	Aug. 7	Aug. 21
Vermont.....	May 12	do.	June 8	Aug. 8	Aug. 18	Aug. 30
Maine.....	do.	May 26	June 11	Aug. 16	Aug. 25	Sept. 5
New Hampshire.....	May 16	May 21	June 4	Aug. 4	Aug. 13	Aug. 24

FALL SOWN						
Ohio.....	Sept. 8	Sept. 14	Sept. 24	June 22	June 28	July 4
Kentucky.....	Sept. 9	Sept. 27	Oct. 12	June 10	June 22	June 27
Indiana.....	Sept. 10	Sept. 22	Oct. 6	June 14	do.	June 30
Texas.....	Sept. 30	Oct. 20	Nov. 8	May 28	June 5	June 16

Compiled from Bureau of Statistics Bulletin No. 85, Seedtime and Harvest: Cereals, Flax, Cotton, and Tobacco, pp. 65 and 66.

TABLE 65.—Barley: Estimated condition of crop on specified dates, United States, 1866-1928

Year	June 1				Year	July 1				Year	Aug. 1				Year	Sept. 1			
	P. ct.	P. ct.	P. ct.	P. ct.		P. ct.	P. ct.	P. ct.	P. ct.		P. ct.	P. ct.	P. ct.	P. ct.		P. ct.	P. ct.	P. ct.	
1866.....	100.0	109.5			1887.....	87.0	82.8	86.2	83.0	1908.....	89.7	86.2	83.1	81.2					
1867.....	98.3	99.6	104.0	105.5	1888.....	88.8	91.0	89.4	86.9	1909.....	90.6	90.2	85.4	80.5					
1868.....	103.1	105.8	98.5	95.2	1889.....	95.6	91.9	90.6	88.9	1910.....	89.6	73.7	70.0	69.8					
1869.....	101.0	100.7	102.2	103.6	1890.....	86.4	88.3	82.8	78.0	1911.....	90.2	72.1	66.2	65.5					
1870.....	91.4	90.0	92.2	94.6	1891.....	90.3	90.9	93.8	94.3	1912.....	91.1	88.3	89.1	83.9					
1871.....	99.3	96.4	92.6	92.7	1892.....	92.1	92.0	91.1	87.4	1913.....	87.1	76.6	74.9	73.4					
1872.....	97.7	98.7	97.7	96.9	1893.....	88.3	88.8	84.6	83.8	1914.....	95.5	92.6	85.3	82.4					
1873.....	93.4	88.1	90.3	90.4	1894.....	82.2	76.8	90.8	71.5	1915.....	94.6	94.1	93.8	94.2					
1874.....	99.2	98.9	96.7	92.0	1895.....	90.3	91.9	87.2	87.6	1916.....	80.3	87.9	80.0	74.6					
1875.....	85.7	94.5	87.9	85.0	1896.....	98.0	88.1	82.0	83.1	1917.....	89.3	85.4	77.9	76.3					
1876.....	100.3	98.2	92.3	90.0	1897.....	87.4	88.5	87.5	86.4	1918.....	90.5	84.7	82.0	81.5					
1877.....	100.0	95.1	94.4	98.0	1898.....	78.8	85.7	79.3	79.2	1919.....	91.7	87.4	73.6	69.2					
1878.....	102.0	101.0	94.1	95.0	1899.....	91.4	92.0	93.6	80.7	1920.....	87.6	87.6	84.9	82.5					
1879.....	91.0	91.7	95.6	95.5	1900.....	86.2	78.3	71.6	70.7	1921.....	87.1	81.4	71.4	68.4					
1880.....	99.0	99.0	97.7	96.9	1901.....	91.0	91.3	86.9	83.8	1922.....	90.1	82.6	82.0	81.2					
1881.....	94.0	96.9	92.7	94.3	1902.....	93.6	93.7	90.2	89.7	1923.....	89.0	86.1	82.6	79.5					
1882.....	96.0	95.0	95.0	95.0	1903.....	91.5	89.8	83.4	82.1	1924.....	79.5	80.0	80.7	82.5					
1883.....	97.0	97.0	95.0	100.0	1904.....	90.5	88.5	88.1	87.4	1925.....	83.1	81.2	79.5	80.3					
1884.....	98.0	98.0	98.0	97.0	1905.....	93.7	91.5	89.5	87.8	1926.....	81.0	73.3	69.8	68.7					
1885.....	89.7	92.0	92.0	88.0	1906.....	93.5	92.5	90.3	89.4	1927.....	81.5	84.2	83.3	82.9					
1886.....	100.0	89.7	90.9	92.7	1907.....	84.9	84.4	84.5	78.5	1928.....	82.7	81.3	86.5	84.4					

Compiled from records of the Division of Crop and Livestock Estimates. Percentage of normal condition on the given date, normal condition being a condition which with favorable subsequent influences upon the crop may be expected to produce a full crop.

TABLE 66.—Barley: Farmers' intentions to plant, and acreage harvested, 1923-1928

Year	Intentions to plant, in percentage of acreage harvested previous year	Acreage harvested		Year	Intentions to plant, in percentage of acreage harvested previous year	Acreage harvested	
		Percentage of previous year	Total			Percentage of previous year	Total
	Per cent	Per cent	1,000 acres		Per cent	Per cent	1,000 acres
1923.....			7,835	1926.....	105.7	99.7	7,970
1924.....	109.0	88.4	6,925	1927.....	114.3	118.9	9,476
1925.....	123.0	115.5	7,997	1928 ¹	123.9	132.3	12,539

¹ Preliminary.

TABLE 67.—Official grade requirements for class barley in the United States¹

Grade	Condition and general appearance ^{2,3}	Minimum		Maximum limits of—							
		Test weight per bushel	Sound barley	Heat damage ⁴	Oats and wild oats singly or combined		Foreign material	Skinned and broken barley		Barley of other classes	
					P. ct.	P. ct.		P. ct.	P. ct.	Total	Black Barley
No. 1.....	May be slightly stained.....	Lbs. 48	P. ct. 95	P. ct. 0.1	P. ct. 3	P. ct. 2	P. ct. 3	P. ct. 5	P. ct. 0		
Special No. 2.....	May be stained.....	46	92	.2	5	2	6	10	0		
No. 2.....	do.....	46	86	.5	10	3	10	10	2		
No. 3.....	May be stained or slightly weathered.....	43	86	.5	10	4	10	10	5		
No. 4.....	May be badly stained or weathered.....	40	80	1.0	15	5		10			
No. 1 Feed.....		35	70	3.0	25	6		10			

¹ Department of Agriculture Handbook of Official Grain Standards revised January, 1920, p. 49. Sample grade: Shall be barley which does not come within the requirements of grades No. 1, Special No. 2, No. 3 No. 4, or No. 1 Feed, or which has any commercially objectionable foreign odor, except of smut, or is musty, sour, heating, hot or contains stones, or is otherwise of distinctly low quality.

² The United States official classes and grades for barley are as follows: Class I, barley: Grades No. 1, Special No. 2, Nos. 2, 3, 4, No. 1 Feed, and Sample. Class II, western barley: Subclasses—(a) bright western; grades Nos. 1 Choice, 1, 2 Choice, 2, 3 Choice, 3, 4, 5, and Sample. (b) Western; grades Nos. 1 Choice, 1, 2 Choice, 2, 3 Choice, 3, 4, 5, and Sample. Class III, 2-rowed barley: Subclasses—(a) bright 2-rowed; grades Nos. 1 Choice, 1, 2 Choice, 2, 3 Choice, 3, 4, 5, and Sample. (b) 2-rowed; grades Nos. 1 Choice, 1, 2 Choice, 2, 3 Choice, 3, 4, 5, and Sample. Class IV, black barley: Grades Nos. 1, 2, 3, 4, 1 Black Feed, and Sample.

³ The barley in each grade above Sample grade shall be cool and sweet.

⁴ The barley in grades No. 1 and Special No. 2 may contain not over 14.5 per cent of moisture; in grades 2, 3, 4, and Special No. 2 not over 15.5 per cent.

⁵ "Heat damage" includes heat-damaged kernels of barley, cereal grains, or wild oats.

TABLE 68.—Barley: Estimated marketings by farmers, United States, by months, 1917-1927

Year beginning July	Percentage of year's receipts for—												Season
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
1917.....	2.2	15.0	23.4	10.5	8.5	8.6	6.5	7.5	6.1	2.0	1.8	1.0	100
1918.....	2.4	9.7	8.4	4.4	7.8	3.3	1.3	.7	2.9	27.5	30.7	.9	100
1919.....	18.6	19.2	14.3	9.9	6.4	7.5	5.4	3.1	3.7	3.4	3.0	5.6	100
1920.....	7.0	16.5	15.0	9.9	9.9	7.2	6.7	5.5	6.5	4.2	5.7	5.9	100
1921.....	35.0	14.0	10.5	7.8	4.4	4.2	3.9	4.3	4.2	3.0	4.4	4.3	100
1922.....	17.4	22.9	14.6	10.8	5.2	6.0	4.8	3.2	3.5	1.9	2.7	7.0	100
1923.....	10.3	23.7	15.1	9.9	7.8	6.5	4.1	3.5	3.1	2.6	2.3	11.1	100
1924.....	9.0	16.8	21.4	17.0	8.1	5.7	5.1	3.8	3.3	2.4	2.7	4.7	100
1925.....	16.4	19.1	18.4	11.7	6.0	5.1	4.0	3.4	3.1	2.0	3.3	6.9	100
1926.....	17.4	16.5	11.6	7.4	6.2	4.8	5.1	3.2	3.9	3.6	4.1	16.2	100
1927.....	9.1	17.4	18.7	12.2	8.0	5.7	4.7	4.5	4.5	2.1	2.7	10.4	100

Compiled from reports of the Division of Crop and Livestock Estimates, as reported by about 3,500 mills and elevators.

122 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 69.—*Barley: Receipts at six markets, 1909-1928*

[In thousands of bushels—1. e., 000 omitted]

Year beginning August	Minneapolis	Duluth	Chicago	Milwaukee	Omaha	Fort William and Port Arthur
Average:						
1909-1913.....	25,204	10,267	24,872	15,636		5,799
1914-1920.....	30,077	8,230	22,478	15,674		8,094
1921-1925.....	17,594	8,084	9,061	10,226	885	21,504
1909.....	22,908	12,757	26,730	15,143		3,302
1910.....	18,502	7,156	20,104	12,915		1,537
1911.....	10,134	6,021	20,677	12,797		3,483
1912.....	35,682	14,504	31,814	19,824		9,868
1913.....	29,796	10,895	25,033	17,490		10,577
1914.....	29,465	11,122	25,418	17,096		2,624
1915.....	45,143	15,440	33,147	19,850		9,889
1916.....	26,301	8,633	26,669	19,619	1,237	6,900
1917.....	35,423	7,512	21,127	14,675	2,091	7,470
1918.....	43,172	8,534	20,296	18,458	3,991	10,001
1919.....	13,194	2,327	11,771	10,208	833	6,504
1920.....	17,774	4,043	9,901	9,813	1,324	12,327
1921.....	11,926	5,179	7,573	9,330	1,152	11,568
1922.....	14,244	3,844	10,103	8,922	801	15,756
1923.....	15,396	3,654	9,755	9,077	948	15,910
1924.....	23,158	14,501	11,336	13,127	796	29,945
1925.....	23,245	13,244	9,540	10,673	729	36,662
1926.....	12,086	6,669	8,388	8,440	594	35,784
1927 ¹	22,982	22,630	11,320	11,061	1,768	23,652
1927						
August.....	3,186	2,381	3,281	1,244	371	
September.....	3,907	7,154	1,467	1,709	512	1,955
October.....	2,343	5,527	981	1,208	267	5,696
November.....	1,424	4,077	714	822	149	4,660
December.....	1,832	1,245	806	759	138	3,211
1928 ²						
January.....	2,144	141	763	1,103	110	1,741
February.....	1,939	46	816	929	78	653
March.....	2,259	527	729	1,055	37	315
April.....	1,018	335	583	507	10	101
May.....	1,087	431	543	686	22	2,421
June.....	974	528	317	605	8	1,283
July.....	869	238	320	438	96	1,287
August.....	5,377	6,307	5,419	2,452	926	329
September.....	4,154	11,917	2,444	1,344	341	8,513
October.....	3,966	6,530	2,411	2,110	333	11,307
November.....	2,154	2,438	1,041	848	75	9,968
December.....	2,515	802	1,073	1,110	2,051	4,268

Compiled from reports of Minneapolis Chamber of Commerce, Duluth Board of Trade, Chicago Board of Trade, Milwaukee Chamber of Commerce, Omaha Grain Exchange, American Elevator and Grain Trade, and Canadian Grain Statistics.

¹ Crop year begins September.

² Beginning January, 1928, figures are subject to revision.

TABLE 70.—*Barley: Receipts at four markets, 1900-1907, and at six markets, 1908-1928*¹

[In thousands of bushels—i. e., 000 omitted]

Year beginning	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
Average:													
1900-1913.....	3,841	12,511	14,309	11,582	8,227	6,704	5,680	5,923	4,058	3,620	3,882	2,941	83,286
1914-1920.....	5,008	11,332	11,208	10,661	9,572	6,634	5,304	6,722	4,852	4,429	5,273	4,781	85,837
1921-1925.....	6,399	12,803	10,658	7,848	6,147	3,920	3,289	3,669	2,856	3,890	3,400	3,150	68,098
1900.....	1,289	4,802	9,567	5,021	3,758	3,309	2,002	1,185	991	716	532	305	34,377
1901.....	2,706	6,700	6,723	5,720	4,871	3,058	2,059	1,512	1,074	1,279	624	360	36,752
1902.....	1,513	7,113	9,533	7,421	5,578	4,833	4,100	3,003	1,906	2,077	2,446	1,392	59,910
1903.....	1,762	9,720	12,001	9,550	5,709	4,410	4,473	4,712	2,388	1,995	2,040	1,152	59,912
1904.....	1,074	11,476	12,570	8,617	7,245	4,007	3,087	4,880	2,931	2,540	2,615	1,074	64,222
1905.....	2,448	11,272	14,195	11,275	7,787	5,796	5,169	4,019	2,754	1,634	2,635	2,052	71,036
1906.....	1,767	6,918	10,315	8,839	7,322	5,294	3,425	5,818	4,451	3,073	1,747	1,508	60,547
1907.....	2,009	11,068	14,769	5,290	5,573	5,935	3,257	3,435	2,407	2,283	2,073	1,761	60,680
1908.....	4,887	18,161	10,711	8,032	6,716	5,767	4,887	6,910	2,913	2,635	3,814	2,402	77,815
1909.....	2,579	13,075	13,009	10,536	5,070	5,517	6,090	8,089	4,657	4,051	4,918	3,812	81,278
1910.....	3,214	8,429	10,944	8,022	7,909	5,001	3,488	4,897	4,261	3,231	1,547	1,135	62,678
1911.....	4,580	14,712	12,923	10,356	6,144	4,473	4,222	2,606	2,060	1,707	1,096	753	65,722
1912.....	3,980	9,409	16,421	16,307	13,000	11,273	8,757	8,043	5,697	5,544	7,211	6,645	112,403
1913.....	4,851	16,871	18,188	12,598	8,946	6,655	5,244	5,978	3,713	3,521	4,637	3,147	94,349
1914.....	4,623	15,449	13,490	12,536	8,542	6,663	6,097	5,151	3,344	2,994	4,007	2,871	89,367
1915.....	3,289	13,625	15,028	17,549	19,477	10,170	8,340	9,056	5,488	5,952	6,934	7,898	123,028
1916.....	7,552	14,842	15,719	13,554	8,890	6,759	3,772	4,852	4,814	3,955	3,302	2,273	90,284
1917.....	5,077	14,833	13,301	9,871	6,581	6,656	7,353	9,423	4,121	3,491	2,706	1,080	88,483
1918.....	4,389	7,726	9,029	9,404	10,109	8,884	6,130	11,751	10,435	8,993	13,329	12,529	112,774
1919.....	6,743	5,792	5,270	4,446	4,141	3,257	2,388	2,860	2,548	2,728	2,483	2,095	45,285
1920.....	2,906	7,057	6,530	7,270	6,265	4,042	2,444	3,949	3,015	2,888	4,149	4,121	54,636
1921.....	6,823	6,844	5,494	5,019	3,184	2,527	2,534	4,011	2,387	3,998	3,455	2,829	47,105
1922.....	4,394	7,369	8,696	5,880	5,395	4,664	2,706	3,850	3,014	2,550	2,614	2,678	53,720
1923.....	5,036	9,037	7,914	5,884	5,795	3,078	3,524	3,338	3,335	3,348	2,058	2,687	64,934
1924.....	3,877	16,598	19,760	13,806	7,947	5,349	4,975	4,177	3,123	3,290	3,615	4,347	90,834
1925.....	11,804	24,466	11,616	10,653	8,413	4,025	2,707	2,968	2,421	6,195	5,290	3,310	93,898
1926.....	5,410	12,633	12,519	9,172	7,116	4,523	3,509	3,400	4,270	3,062	2,700	3,670	72,114
1927.....	10,853	16,701	16,022	11,846	7,991	6,007	4,472	4,924	2,558	5,221	3,716	3,224	93,535
1928.....	21,810	28,713	20,717	16,524	11,759								

¹The markets included and sources of data are as follows: Chicago and Duluth, annual board of trade report; Milwaukee and Minneapolis, annual reports of chamber of commerce; Omaha, American Elevator and Grain Trade, 1908-1915; Omaha Grain Exchange, 1916-1928; Fort William and Port Arthur, Canadian statistics. Omaha and Port William and Port Arthur not included prior to 1908.

²Beginning January, 1923, figures are subject to revision.

TABLE 71.—*Barley: Shipments at four markets, 1900-1907, and at six markets, 1908-1928*¹

[In thousands of bushels—i. e., 000 omitted]

Year beginning	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
Average:													
1900-1913.....	1,813	6,337	7,940	8,193	4,902	3,793	3,084	3,057	2,818	3,063	2,607	1,873	40,576
1914-1920.....	2,983	5,718	7,080	7,642	5,807	3,867	3,228	3,561	3,909	4,814	4,128	3,754	56,567
1921-1925.....	4,482	8,601	7,600	7,147	4,339	2,483	2,022	1,925	2,740	4,345	3,702	3,256	62,544
1900.....	560	1,611	5,095	3,675	1,860	1,077	817	574	441	473	161	133	16,483
1901.....	593	2,508	3,022	3,517	1,693	1,295	1,009	784	632	272	157	166	15,657
1902.....	358	2,557	5,142	4,566	3,351	1,763	1,383	1,109	1,532	778	470	368	23,377
1903.....	402	3,087	5,486	5,149	3,311	1,933	1,653	2,089	1,524	1,432	1,151	601	27,818
1904.....	455	2,080	8,016	6,401	3,797	2,101	1,626	2,104	1,483	989	820	820	31,292
1905.....	1,292	4,447	8,533	5,050	4,666	3,594	2,914	2,100	3,253	1,214	1,034	856	39,162
1906.....	1,547	3,696	5,791	5,808	4,719	2,349	1,581	2,747	2,843	3,088	1,567	1,033	30,769
1907.....	1,046	5,085	9,092	4,807	3,683	3,735	2,788	2,592	2,580	1,855	1,559	1,198	40,720
1908.....	2,286	8,926	6,970	6,895	4,524	3,316	2,734	3,185	3,004	2,478	2,251	1,708	48,277
1909.....	1,152	6,593	7,798	8,002	3,216	2,325	2,978	3,313	3,242	2,877	3,082	2,262	47,440
1910.....	2,159	4,344	5,945	5,823	4,027	2,884	2,564	2,792	2,914	2,335	1,222	500	37,509
1911.....	1,160	6,811	6,822	6,447	3,472	1,968	1,037	1,424	1,810	1,344	771	728	33,804
1912.....	1,570	5,492	9,222	11,346	7,568	8,002	5,679	4,540	3,645	4,702	4,406	3,607	69,859
1913.....	3,024	8,446	10,142	9,346	6,080	3,096	2,564	3,216	2,808	4,058	2,956	2,260	59,207
1914.....	2,227	7,705	9,335	9,453	5,512	4,038	4,307	3,343	2,973	2,159	2,851	2,061	56,504

¹The markets included and sources of data are as follows: Chicago and Duluth, annual board of trade report; Milwaukee and Minneapolis, annual reports of chamber of commerce; Omaha, American Elevator and Grain Trade, 1908-1915; Omaha Grain Exchange, 1916-1928; Fort William and Port Arthur, Canadian statistics. Omaha and Fort William and Port Arthur not included prior to 1908.

TABLE 71.—*Barley: Shipments at four markets, 1900-1907, and at six markets, 1908-1928—Continued*

[In thousands of bushels—i. e., 000 omitted]

Year beginning	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
1915	1,874	8,023	10,164	12,742	13,336	6,668	4,927	5,289	4,927	0,186	4,282	5,481	83,849
1916	4,401	6,006	7,378	8,087	5,737	2,781	1,905	2,511	3,040	4,813	3,362	1,021	52,842
1917	2,344	7,490	7,969	7,878	4,614	3,466	3,003	4,728	3,908	4,943	2,321	1,089	53,811
1918	885	3,243	5,418	5,392	4,903	4,427	5,421	5,927	7,605	0,771	10,964	9,985	73,941
1919	6,669	3,281	3,991	3,987	3,152	2,037	1,314	1,406	2,162	2,671	1,915	2,556	35,141
1920	2,479	3,677	5,210	5,352	4,026	3,052	1,058	1,725	2,752	3,153	3,203	3,537	30,824
1921	4,950	5,345	3,294	3,627	2,318	1,775	1,036	1,910	2,200	5,109	2,819	2,832	37,920
1922	2,710	4,456	4,595	6,483	3,342	2,831	1,743	1,848	1,038	2,822	3,043	2,579	38,090
1923	4,743	5,433	5,498	5,603	3,670	2,851	2,182	1,915	2,507	3,036	2,437	1,814	42,289
1924	2,880	11,206	13,966	11,457	7,371	3,159	2,985	1,950	5,419	4,154	3,971	3,885	72,403
1925	7,110	10,563	10,148	8,560	4,900	1,799	1,565	2,004	1,839	6,003	6,242	5,172	72,007
1926	3,194	7,777	9,362	8,544	4,244	4,087	1,770	1,504	7,529	4,265	2,063	3,009	57,348
1927 ¹	6,486	12,972	13,957	11,230	5,824	4,008	2,905	2,185	1,901	6,758	4,258	2,547	75,040
1928 ²	13,199	22,181	22,315	17,904	6,291								

¹ Beginning January, 1928, figures are subject to revision.TABLE 72.—*Barley: Estimated farm stocks, quality, and supply of the crop, and amount shipped out of county where grown, 1910-1928*

Year beginning August	Old stocks on farms Aug. 1 ¹	Crop			Total supplies ⁴	Stocks on farms Mar. 1 following ¹	Shipped out of county where grown ¹
		Quantity	Weight per bushel ²	Quality ³			
	1,000 bushels	1,000 bushels	Pounds	Per cent	1,000 bushels	1,000 bushels	1,000 bushels
1910	8,075	173,832	46.9	88.1	181,907	33,498	86,955
1911	5,763	160,240	46.0	84.9	166,003	24,754	91,620
1912	2,591	223,824	46.8	86.2	226,415	62,301	120,143
1913	11,252	178,189	46.5	86.4	189,441	44,126	86,262
1914	7,609	194,953	46.2	87.5	202,562	42,889	87,834
1915	6,336	228,851	47.4	90.5	235,187	58,301	98,965
1916	10,982	182,309	45.2	84.4	193,291	33,244	79,257
1917	3,775	211,759	46.6	90.9	215,534	44,419	84,056
1918	4,510	256,225	46.9	89.8	260,735	81,746	99,987
1919	11,897	147,608	45.2	84.8	159,505	33,820	50,471
1920	4,122	189,332	46.0	88.2	193,454	65,229	68,063
1921	13,487	154,946	44.4	82.5	168,433	42,294	55,738
1922	7,497	182,068	46.2	88.5	189,565	42,409	60,500
1923	6,805	197,691	45.3	86.0	204,496	44,930	68,190
1924	6,359	181,575	47.0	88.7	187,034	40,576	68,071
1925	5,728	213,863	45.9	88.1	219,591	52,253	80,547
1926	0,622	184,905	45.9	84.3	194,527	39,183	55,983
1927	3,754	265,882	46.8	90.3	269,636	61,972	87,975
1928 ⁵	7,751	356,868	46.6	88.9	364,619	97,050	118,231

Compiled from reports of the Division of Crop and Livestock Estimates.

¹ Based on percentage of entire crop as reported by crop reporters.² Average weight per measured bushel as reported by crop reporters.³ Percentage of a "high medium grade" as reported by crop reporters.⁴ Crop plus stocks Aug. 1.⁵ Preliminary.

TABLE 73.—Barley: Stocks on farms, August 1, by States, 1910–1928¹

[In thousands of bushels—i. e., 000 omitted]

Year	Maine	New Hampshire	Vermont	New York	Pennsylvania	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa
1910	4		4	38	8	16	3	40	64	1,219	1,677	493
1911	2		8	92	4	25	5	42	24	684	1,096	449
1912	2		4	32	4	8	4	46	32	418	560	110
1913	1		14	49	4	31	7	65	45	1,441	2,563	554
1914	4		9	41	4	23	4	60	42	1,088	1,740	370
1915	2		12	42	5	16	1	57	47	645	983	281
1916	2		13	68	9	25	7	92	75	803	1,906	256
1917	2		4	25	6	9	4	29	37	458	522	87
1918	1		5	52	7	26	19	63	58	480	698	231
1919	3	1	4	158	15	54	56	477	270	1,449	2,418	678
1920	4		4	64	14	47	30	130	100	479	423	241
1921	5	1	22	296	20	170	87	387	398	987	1,119	396
1922	6	2	18	100	11	68	37	228	70	319	935	128
1923	4	1	10	123	6	14	11	168	108	509	890	138
1924	5	2	10	183	7	40	10	185	72	398	962	104
1925	2		2	124	6	20	10	180	84	375	1,025	72
1926	2		2	228	15	89	15	330	111	848	1,746	153
1927	2		4	193	12	74	13	234	76	539	980	155
1928 ²	2		7	191	12	42	8	267	90	642	1,183	200

Year	Missouri	North Dakota	South Dakota	Nebraska	Kansas	Maryland	Virginia	Kentucky	Tennessee	Oklahoma	Texas
1910		1,424	784	70	44	7	7		1	3	
1911	4	90	382	94	140	4	5	1	1	2	1
1912	2	307	55	13	16		3			1	
1913	2	2,602	1,038	75	149	1	3	1		2	4
1914	7	1,096	671	88	78		6	2		0	3
1915	1	1,131	782	53	235	8	3		1	2	8
1916	2	2,552	1,440	163	837	5	3	2	2	2	13
1917	1	936	749	92	60	3	2	2			2
1918	2	342	1,417	282	90	1	2	2			
1919	2	2,610	2,345	104	30	3	4	2	2		
1920		187	678	279	825	2	2	1	1	23	41
1921	10	879	2,056	705	2,533	1	5	6	1	139	36
1922	5	764	1,714	295	1,456	1	3	6	2	54	56
1923	1	1,542	1,216	131	743	1	5	3	3	44	18
1924	2	766	1,202	380	923	2	5	3	20	14	13
1925	1	1,908	747	157	295	2	8	3	4	62	75
1926	2	2,338	1,308	311	195	6	4	2	4	18	8
1927	2	632	141	141	30	5	9	7	20	30	61
1928 ²	4	2,120	1,620	189	103	1	3	2	12	3	16

Year	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California
1910	11	138	6	76	1		27	13	175	112	1,058
1911	17	247	3	108	1	25	21	12	179	135	1,860
1912	13	107	6	54	1	64	31	14	117	79	487
1913	93	152	19	133	2	43	51	22	150	90	1,837
1914	84	151	16	65	1	50	40	27	109	63	1,658
1915	43	176	11	119	7	25	36	31	213	55	1,804
1916	96	387	24	212	3	39	22	9	182	94	1,578
1917	45	111	10	102	2		18	2	65	54	333
1918	5	36	10	111	1	2	18	2	59	106	392
1919	19	24	22	108	7	10	22	2	18	62	858
1920	1	23	1	29	4	18	3		38	15	400
1921	29	64	9	582	8	14	59	8	101	169	2,185
1922	31	28	5	533	12	19	10	2	29	45	505
1923	69	58	11	177	3		8	1	18	22	680
1924	107	120	50	313	2		18	1	78	31	331
1925	91	55	19	183	2		4	2	16	14	168
1926	109	273	65	258		21	31	12	77	63	970
1927	83	62	33	122	2	26	8	1	28	23	
1928 ²	450	131	100	207	0	21	28	4	37	48	

Compiled from records of the Division of Crop and Livestock Estimates. See general note on Table 53. The State figures shown in this table for 1910 are the only State figures available for publication. The sum of these State figures for 1910 will not agree with the revised figure for the United States given in Table 53.

¹ Stocks on farms not reported for Massachusetts, Rhode Island, Connecticut, Delaware, West Virginia, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas and Louisiana. New Jersey reported only for 1925, 1927, and 1928: 1,000, 2,000, and 3,000 bushels, respectively. North Carolina reported only for 1925–1928: 2,000, 2,000, 4,000, and 6,000 bushels, respectively.

² Preliminary.

TABLE 74.—Barley: Stocks on farms, March 1, by States, 1910-1928¹
 [In thousands of bushels—i. e., 000 omitted]

Year	Maine	New Hampshire	Vermont	New York	Pennsylvania	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa
1910	34	5	77	500	41	114	42	484	426	6,647	9,081	2,741
1911	35	7	97	573	64	176	54	498	556	4,144	5,786	3,872
1912	24	6	102	400	60	65	40	293	302	2,927	4,704	2,100
1913	24	7	114	704	54	198	80	682	611	8,198	14,286	4,225
1914	28	6	96	473	49	259	44	393	527	5,981	10,788	2,300
1915	36	2	104	546	45	228	46	438	608	4,423	8,240	2,059
1916	33	3	126	762	47	242	102	496	627	5,368	10,675	2,216
1917	37	2	82	461	45	128	69	307	416	2,928	5,748	1,566
1918	32	8	151	832	55	480	267	1,365	581	4,800	7,574	2,730
1919	45	10	105	1,221	84	833	370	2,790	2,430	9,913	14,911	5,931
1920	17	4	58	940	58	472	333	1,147	1,111	3,829	4,366	1,625
1921	21	6	77	1,726	86	989	634	1,992	1,989	5,251	8,273	1,930
1922	26	5	68	962	84	656	284	1,502	910	2,873	5,797	959
1923	20	7	68	1,191	61	299	61	1,401	648	4,124	6,497	1,151
1924	24	4	52	1,222	59	639	63	1,521	684	3,446	6,494	1,126
1925	16	-----	31	1,281	35	400	67	1,584	741	3,378	7,013	1,054
1926	21	-----	46	1,411	54	750	96	2,062	758	5,598	9,822	1,643
1927	26	-----	34	1,520	53	854	86	2,621	758	4,673	8,822	2,452
1928 ²	18	-----	24	1,418	65	879	133	2,806	1,113	5,561	10,512	3,136

Year	Missouri	North Dakota	South Dakota	Nebraska	Kansas	Maryland	Virginia	Kentucky	Tennessee	Oklahoma	Texas
1910	34	7,910	5,599	577	778	34	64	15	10	15	1
1911	57	1,499	3,249	564	1,310	12	53	7	14	66	8
1912	30	3,686	826	185	325	9	23	5	14	10	9
1913	52	10,900	5,766	771	1,820	11	45	7	3	24	46
1914	22	6,885	3,856	370	486	20	40	6	3	8	25
1915	24	7,069	5,083	797	1,940	25	29	14	20	19	60
1916	21	13,920	6,960	1,107	3,264	29	42	23	19	53	48
1917	10	6,150	3,746	924	1,800	35	33	16	19	5	8
1918	30	5,019	7,556	1,919	900	19	36	21	5	6	4
1919	50	14,167	14,072	962	1,510	41	75	20	18	51	2
1920	40	3,120	4,410	1,840	4,947	13	32	30	10	693	273
1921	10	6,836	9,766	3,564	9,351	22	54	14	12	696	269
1922	32	6,436	6,283	2,015	5,824	18	21	14	19	939	281
1923	9	8,739	6,079	915	5,202	26	35	13	19	175	177
1924	19	5,469	6,232	2,498	5,333	16	38	19	27	341	441
1925	3	9,924	5,332	1,443	1,770	42	49	6	40	769	498
1926	2	10,522	6,661	1,302	1,459	55	50	9	40	405	50
1927	4	4,420	1,257	376	394	51	56	23	96	476	1,218
1928 ²	5	12,298	11,160	1,818	1,424	14	34	6	48	53	374

Year	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California
1910	226	1,150	57	472	12	60	223	132	1,400	476	3,173
1911	185	1,122	66	600	4	180	207	120	868	926	6,510
1912	374	895	94	322	10	192	155	120	1,042	780	4,406
1913	627	1,729	168	1,037	8	346	326	148	1,574	1,028	6,082
1914	558	1,739	99	812	19	282	289	127	1,677	882	4,972
1915	470	1,336	158	1,031	51	126	374	122	1,349	549	5,468
1916	952	1,702	184	1,166	40	117	303	138	1,453	936	5,127
1917	665	1,260	190	1,126	46	90	184	49	1,022	1,078	2,990
1918	216	863	252	1,497	73	81	317	92	937	1,003	4,608
1919	766	1,000	444	1,112	73	102	235	61	658	820	6,864
1920	84	328	14	872	76	52	51	14	536	263	2,132
1921	461	966	104	2,487	78	48	213	45	1,042	749	5,462
1922	569	668	91	1,866	48	65	154	41	618	493	2,673
1923	805	491	140	884	14	58	120	53	231	346	2,410
1924	830	800	252	2,958	31	101	205	19	803	462	2,640
1925	520	476	123	1,439	11	132	68	59	158	157	1,340
1926	628	1,364	280	2,325	3	35	178	77	402	634	3,580
1927	900	683	346	1,702	21	70	128	42	435	344	4,212
1928 ²	2,445	965	562	2,165	12	63	240	61	487	637	1,367

Compiled from records of the Division of Crop and Livestock Estimates. See general note on Table 53. The State figures shown in this table for 1910 are the only State figures available for publication. The sum of these State figures for 1910 will not agree with the revised figure for the United States given in Table 53.

¹ Stocks on farms not reported for Massachusetts, Rhode Island, Connecticut, Delaware, West Virginia, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, and Louisiana. Reported only for 1925-1928: New Jersey, 4,000, 6,000, 12,000, and 11,000 bushels, respectively; North Carolina, 13,000, 5,000, 89,000, and 58,000 bushels, respectively.

² Preliminary.

TABLE 75.—Barley: Visible supply in the United States, 1896–1928¹

[In thousands of bushels—i. e., 000 omitted]

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Average:												
1899-1908	838	1, 110	4, 477	6, 698	7, 145	6, 515	5, 676	4, 879	3, 959	2, 795	1, 739	1, 158
1909-1913	1, 113	1, 612	3, 956	5, 496	5, 709	5, 496	4, 850	4, 612	4, 202	2, 811	2, 086	1, 736
1914-1920	2, 784	3, 085	4, 747	5, 355	6, 165	6, 023	6, 129	5, 826	5, 903	5, 503	3, 803	3, 443
1921-1925	1, 061	2, 232	4, 221	4, 270	4, 329	4, 419	3, 775	3, 636	2, 955	2, 407	1, 693	1, 509
1890 ²	602	1, 055	1, 739	3, 925	4, 695	3, 122	2, 303	2, 138	1, 712	1, 720	1, 267	1, 038
1900 ²	702	1, 158	2, 779	5, 396	6, 053	5, 085	4, 331	3, 903	2, 879	1, 761	1, 351	528
1901 ²	335	956	3, 610	4, 813	5, 416	4, 580	5, 244	5, 065	4, 075	2, 146	1, 836	847
1902 ²	217	419	3, 677	5, 064	5, 680	4, 389	3, 843	3, 107	2, 123	1, 493	1, 133	602
1903 ²	471	1, 024	5, 047	7, 313	7, 975	6, 907	6, 338	5, 441	4, 975	3, 969	2, 621	2, 046
1904 ²	1, 656	1, 694	6, 551	9, 329	9, 620	10, 403	8, 582	6, 080	4, 674	3, 354	2, 231	1, 557
1905	1, 005	1, 264	5, 427	8, 192	10, 070	10, 499	8, 456	7, 626	6, 529	4, 199	1, 900	1, 568
1906	1, 731	1, 229	3, 519	4, 470	5, 156	4, 698	4, 137	3, 934	3, 708	3, 082	1, 237	802
1907	575	631	4, 437	8, 516	7, 504	7, 488	6, 883	5, 575	3, 974	2, 249	1, 821	1, 293
1908	1, 084	1, 673	7, 981	9, 959	9, 283	7, 982	6, 647	5, 320	4, 938	3, 975	1, 989	1, 304
1909	801	1, 668	5, 280	6, 070	6, 641	5, 108	4, 061	4, 518	4, 674	3, 799	2, 963	2, 258
1910	1, 476	1, 248	3, 069	3, 822	3, 054	2, 972	2, 466	1, 958	1, 669	1, 723	1, 227	837
1911	822	1, 480	3, 566	5, 011	4, 755	4, 423	3, 569	3, 451	2, 680	1, 478	792	696
1912	350	1, 360	3, 094	5, 526	6, 069	6, 551	5, 954	5, 868	5, 931	3, 687	2, 800	2, 904
1913	2, 115	2, 302	4, 833	7, 052	8, 027	8, 427	8, 199	7, 267	6, 057	3, 368	2, 647	1, 986
1914	1, 538	2, 003	6, 207	7, 246	8, 563	7, 296	7, 542	6, 222	4, 670	3, 162	1, 865	1, 142
1915	518	1, 103	3, 841	4, 656	7, 862	7, 151	6, 266	5, 652	5, 700	4, 733	3, 348	3, 280
1916	2, 342	2, 841	4, 450	6, 706	7, 345	6, 831	7, 050	6, 390	6, 253	5, 053	2, 466	1, 951
1917	1, 411	3, 746	6, 067	6, 418	5, 643	5, 066	5, 224	5, 741	6, 428	4, 592	3, 575	2, 122
1918	1, 087	2, 085	3, 308	4, 088	6, 597	8, 128	10, 237	10, 742	12, 421	15, 393	10, 179	11, 030
1919	9, 528	7, 352	5, 513	4, 860	3, 235	3, 500	3, 599	3, 415	3, 428	3, 629	3, 484	2, 795
1920	3, 061	2, 464	3, 843	3, 723	3, 910	4, 186	2, 983	2, 619	2, 420	1, 956	1, 702	1, 782
1921	2, 226	3, 818	4, 643	4, 223	3, 557	2, 953	2, 473	1, 944	1, 587	1, 633	1, 310	1, 681
1922	819	1, 469	2, 224	2, 967	2, 753	3, 142	2, 996	2, 704	2, 600	2, 344	1, 284	1, 163
1923	868	1, 642	2, 935	3, 310	3, 148	3, 259	2, 495	1, 764	1, 593	849	768	471
1924	293	863	5, 266	5, 209	5, 481	5, 484	3, 939	3, 850	3, 774	2, 773	1, 809	1, 396
1925	1, 099	3, 367	6, 036	5, 642	6, 705	7, 257	6, 971	7, 919	5, 220	4, 436	3, 293	2, 835
1926	2, 299	4, 164	5, 008	4, 823	4, 988	4, 492	4, 180	3, 790	3, 002	1, 619	918	1, 143
1927	891	3, 532	4, 900	4, 398	4, 338	2, 707	2, 532	2, 206	2, 755	2, 339	1, 435	711
1928	852	6, 313	8, 084	8, 962	9, 627							

¹ As reported by Bradstreet's on Saturday nearest the 1st of month.

² Canada included.

TABLE 76.—Barley, barley flour, and malt: Quantity and value of domestic exports, imports, reexports, and net imports or net exports of the United States, 1843-1928

QUANTITY

Year ended June 30—	Domestic exports			Imports			Reexports		Net imports	
	Barley	Malt	Barley, including malt	Barley	Malt	Barley, including malt	Barley	Malt	Barley	Barley, including malt
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1843 ¹				1,701		1,701			1,701	1,701
1844.....				1,638		1,638			1,638	1,638
1845.....				249		249			249	249
1846.....				2,700		2,700			2,700	2,700
1847.....				294		294			294	294
1848.....				5,145		5,145			5,145	5,145
1849.....				4,185		4,185			4,185	4,185
1850.....				19,901		19,901			19,901	19,901
1851.....				95,663		95,663			95,663	95,663
1852.....				109,192		109,192			109,192	109,192
1853.....				109,461		109,461			109,461	109,461
1854.....				73,700		73,700			73,700	73,700
1855.....				155,782		155,782			155,782	155,782
1856.....				1,845		1,845			1,845	1,845
1857.....				3,199		3,199			3,199	3,199
1858.....				9,755		9,755			9,753	9,753
1859.....				31,504		31,504	1,500		30,004	30,004
1860.....				4,603		4,603	4,447		156	156
1861.....				2,415		2,415			2,415	2,415
1862.....				2,093,779		2,093,779			2,093,779	2,093,779
1863.....				1,812,782		1,812,782			1,812,782	1,812,782
1864.....	66,482		66,482	2,832,708		2,832,708			2,766,226	2,766,226
1865.....	69,479		69,479	3,581,767		3,581,767			3,512,288	3,512,288
1866.....				9,082,675		9,082,675			9,082,675	9,079,345
1867.....				3,247,250		3,247,250	370,671		2,876,579	2,876,579
1868.....	9,810		9,810	3,783,966		3,783,966	430		3,773,726	3,773,726
1869.....	59,077		59,077	5,069,880		5,069,880			5,010,803	5,010,803
1870.....	255,490		255,490	6,727,597		6,727,597			6,472,107	6,472,107
1871.....	340,093		340,093	4,866,700		4,866,700	24,747		4,501,860	4,501,860
1872.....	86,891		86,891	5,565,591		5,565,591	11,360		5,467,340	5,467,340
1873.....	482,410		482,410	4,244,751	278,737	4,498,148	18,876		3,743,465	3,996,862
1874.....	320,399		320,399	4,891,189	245,640	5,114,498	63		4,570,727	4,794,036
1875.....	91,118		91,118	6,255,063	144,487	6,386,415		2,008	6,163,945	6,293,472
1876.....	317,781		317,781	10,285,957	286,930	10,546,802	21,354		9,946,822	10,207,667
1877.....	1,186,129		1,186,129	6,702,965	314,139	6,988,546	49,920		5,466,916	5,752,497
1878.....	3,921,501		3,921,501	6,764,228	552,656	7,266,643	771,105		2,071,622	2,574,037

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1879	715,536	715,536	5,720,979	537,995	6,210,065	96,368	4,909,075	5,398,161
1880	1,128,923	1,134,079	7,133,258	1,023,447	8,065,664	16,640	5,989,695	6,914,945
1881	885,246	8,575	893,041	9,528,616	685,297	10,151,613	8,643,370	9,258,572
1882	205,930	12,882	217,641	12,182,722	1,137,832	13,217,115	11,976,792	12,999,474
1883	433,005	23,439	454,313	10,050,687	1,356,402	11,283,780	9,606,129	10,817,914
1884	724,955	38,970	760,382	8,596,122	155,670	8,737,640	7,871,167	7,977,258
1885	629,130	41,136	666,526	9,986,507	378,886	10,330,949	9,350,779	9,657,825
1886	252,183	53,699	301,000	10,197,115	323,090	10,490,833	9,930,518	10,175,419
1887	1,305,300	47,806	1,348,760	10,355,594	209,960	10,546,467	9,008,678	9,156,091
1888	550,884	89,513	632,259	10,831,461	216,757	11,028,513	10,276,077	10,391,754
1889	1,440,321	77,618	1,510,883	11,368,414	150,182	11,504,943	9,928,093	9,994,060
1890	1,408,311	85,511	1,486,048	11,332,545	217,586	11,530,350	9,914,441	10,034,509
1891	973,062	101,069	1,064,943	5,078,733	123,083	5,190,627	3,804,930	3,824,943
Net exports								
1892	2,800,075	102,486	2,893,244	3,146,328	5,165	3,151,023	504,301	158,048
1893	3,035,267	114,520	3,139,376	1,970,129	3,559	1,973,364	33,983	1,099,121
1894	5,219,405	89,897	5,301,130	791,061	5,010	795,616	30,412	4,458,756
1895	1,563,754	162,006	1,711,032	2,116,816	11,069	2,126,879	10,272	3,542,790
1896	7,680,331	200,042	7,862,187	837,384	5,579	842,456	16,178	6,859,125
1897	20,030,301	289,543	20,293,522	1,271,787	11,084	1,281,863	9,476	18,767,990
1898	11,237,077	406,702	11,606,806	124,804	4,769	129,139		11,112,273
1899	2,267,403	453,038	2,679,256	110,475	4,984	115,006	86	2,157,014
1900	23,661,662	296,742	23,931,427	189,757	4,399	193,756	20,938	23,492,843
								246,522
								1,199,995
								4,535,926
								4,405,340
								7,035,910
								19,021,139
								11,477,667
								2,565,800
								23,758,609

¹ 9 months.

² Imports of barley as reported in the original returns are as follows: Dutiable, 31,146 bushels valued at \$16,857; free, valued at \$4,896,799; and dutiable through New Orleans and San Francisco, 145 bushels valued at \$150. Based on the average import value per bushel of dutiable barley, the amount of free barley is estimated at 9,051,384 bushels, making a total of 9,082,675 bushels.

³ Net imports.

TABLE 76.—Barley, barley flour, and malt: Quantity and value of domestic exports, imports, reexports, and net imports or net exports of the United States, 1843-1928—Continued

Year ended June 30	Domestic exports				Imports				Reexports		Net exports	
	Barley	Barley flour	Malt	Barley, including flour and malt	Barley	Barley flour	Malt	Barley, including flour and malt	Barley	Malt	Barley	Barley, including flour and malt
	<i>Bushels</i>	<i>Barrels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Barrels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1901	6,293,207		357,947	6,618,613	171,004		4,580	175,168		1,844	6,122,203	6,445,121
1902	8,714,268		401,375	9,079,154	57,406		3,019	60,151			8,658,862	9,019,003
1903	8,429,141		347,147	8,744,729	56,462		2,468	58,706			8,372,679	8,686,023
1904	10,881,627		438,580	11,280,336	90,708		3,465	93,858	82		10,791,001	11,186,560
1905	10,661,655		487,158	11,104,526	81,020		3,298	84,018	15		10,580,650	11,020,523
1906	17,729,360		881,523	18,430,745	18,049		2,458	20,284			17,711,311	18,410,461
1907	8,238,842		414,515	8,615,674	38,319		3,362	41,375	58,190		8,258,713	8,632,489
1908	4,349,078		224,991	4,553,615	199,741		2,625	202,127	18,020		4,167,357	4,369,598
1909	6,580,393		163,230	6,728,784	2,644		1,592	4,091			6,577,749	6,724,693
1910	4,311,566		156,497	4,453,836	3,989		873	4,783			4,307,577	4,449,053
1911	9,399,346		117,882	9,506,511	186,247		777	186,953			9,213,099	9,319,558
1912	1,585,242		76,696	1,654,966	2,768,474		3,771	2,771,902			1,183,232	1,116,936
1913	17,536,703		370,957	17,873,937	5,524		10,419	14,996			17,531,179	17,858,941
1914	6,664,747		330,608	6,945,300	339,085		13,472	351,332			6,305,662	6,593,968
1915	26,754,522		2,153,060	28,711,949	98,532	(¹)	5,137	103,204			26,655,990	28,608,645
1916	27,473,160		3,682,248	30,820,658	37,231	1	273	37,483			27,435,929	30,783,175
1917	16,381,077		4,331,297	20,318,620	459,446		1,770	461,055			15,921,631	19,857,565
1918	26,285,378		2,674,845	28,717,055	509,840	2	7,608	516,766			25,775,538	28,200,289
1919	20,457,781	581,840	3,993,057	26,988,033	17,239	4	7,060	23,727			20,440,542	26,964,306
1920	26,571,284	34,084	8,594,266	34,554,555	332,546	4	2,764	335,079			26,238,738	34,219,476
1921	20,457,198	10	7,477,056	27,254,572	15,825	5	4,753	20,171			20,441,373	27,234,401
1922	22,400,393	565	5,654,195	27,543,395	7,760	5	7,790	22,992,633			22,992,633	27,535,605
1923	18,192,809		4,088,131	21,909,292	11,418	2,118	8,098	29,370			18,181,391	21,879,922
1924	11,208,733		2,975,155	13,913,419	7,280	3,602	17,070	40,808			11,201,453	13,872,611
1925	23,653,118		5,379,500	28,543,163	3,620	2,266	26,552	39,088			23,649,498	28,504,075
1926	27,180,685		3,593,902	30,447,869	715	3,166	26,388	40,534			27,179,970	30,407,335
1927	17,044,010		2,871,582	19,654,539	3,366	2,468	26,312	39,626			17,040,644	19,614,913
1928	36,579,617		2,964,341	39,274,472	3,801	1,171	15,149	23,428			36,575,816	39,251,044

VALUE

Year ended June 30	Domestic exports			Imports			Reexports		Net imports		Average export price per bushel barley
	Barley	Malt	Barley, including malt	Barley	Malt	Barley, including malt	Barley	Malt	Barley	Barley, including malt	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1843 ¹				106		106			106	106	
1844				664		664			664	664	
1845				158		158			158	158	
1846				1,375		1,375			1,375	1,375	
1847				259		259			259	259	
1848				1,809		1,809			1,809	1,809	
1849				1,641		1,641			1,641	1,641	
1850				7,734		7,734			7,734	7,734	
1851				53,653		53,653			53,653	53,653	
1852				50,721		50,721			50,721	50,721	
1853				39,764		39,764			39,764	39,764	
1854				57,727		57,727			57,727	57,727	
1855				121,687		121,687			121,687	121,687	
1856				2,112		2,112			2,112	2,112	
1857				3,358		3,358			3,358	3,358	
1858				10,368		10,368		3	10,365	10,365	
1859				23,194		23,194		711	22,483	22,483	
1860				4,307		4,307		2,782	1,525	1,525	
1861				2,258		2,258			2,258	2,258	
1862				1,093,431		1,093,431			1,093,431	1,093,431	
1863				1,512,216		1,512,216			1,512,216	1,512,216	
1864	64,423		64,423	2,917,241		2,917,241			2,852,818	2,852,818	0.97
1865	82,049		82,049	4,183,893		4,183,893			4,101,844	4,101,844	1.18
1866				4,913,806		4,913,806		3,687	4,910,119	4,910,119	
1867				2,013,258		2,013,258		364,105	1,649,153	1,649,153	
1868	10,981		10,981	3,104,111		3,104,111		860	3,092,270	3,092,270	1.12
1869	46,290	7,189	53,479	5,742,619		5,742,619			5,696,329	5,696,329	.78
1870	140,512	6,903	147,415	4,750,563	145,000	4,905,063			4,619,051	4,757,648	.55
1871	200,625	3,067	203,692	3,678,810	164,195	3,843,005	19,327		3,458,588	3,619,986	.59
1872	63,407	6,812	70,219	3,408,607	191,510	3,595,117	10,470		3,329,730	3,514,428	.73
1873	323,187	10,803	333,990	2,962,981	226,752	3,189,733	13,059		2,626,735	2,842,684	.67
1874	210,738	12,614	223,352	5,801,653	291,350	6,093,003	77		5,590,838	5,869,574	.66
1875	61,408	6,829	68,237	6,297,738	163,736	6,461,474		2,498	6,236,300	6,390,739	.67
1876	210,586	2,554	213,140	7,887,886	252,622	8,140,508	12,936		7,044,364	7,914,432	.68
1877	708,541	1,183	709,724	5,069,326	247,724	5,347,050	34,838		4,355,947	4,602,488	.80
1878	2,565,736	5,680	2,571,316	4,105,748	399,844	4,505,592	475,218		1,064,794	1,459,058	.65
1879	401,180	8,410	409,590	5,402,680	460,450	5,863,130	83,992		4,917,508	5,369,548	.56
1880	784,819	8,204	793,023	4,537,921	529,571	5,367,492	12,485		3,740,617	4,564,984	.70

¹ 9 months.

² Net imports.

³ Less than one-half barrel (93 pounds).

⁴ 9 months, July 1, 1927-March 31, 1928.

TABLE 76.—Barley, barley flour, and malt: Quantity and value of domestic exports, imports, reexports, and net imports or net exports of the United States, 1843-1928—Continued

VALUE—Continued

Year ended June 30	Domestic exports			Imports			Reexports		Net imports		Average export price per bushel (barley)
	Barley	Malt	Barley, including malt	Barley	Malt	Barley, including malt	Barley	Malt	Barley	Barley, including malt	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1881	549,245	6,268	555,513	6,692,125	653,645	7,345,770			6,142,880	6,790,257	0.62
1882	151,575	12,295	163,870	10,866,628	1,109,786	11,976,414			10,715,053	11,812,544	.74
1883	299,137	21,208	320,345	7,737,984	1,124,509	8,862,493	7,329		7,431,518	8,534,819	.69
1884	403,622	28,681	432,303	5,922,144	112,331	6,034,475			5,518,522	5,602,172	.56
1885	346,302	31,173	377,475	6,522,092	267,928	6,790,020	3,287		6,172,503	6,409,258	.55
1886	166,330	47,185	213,515	7,177,887	237,843	7,415,730	11,621		6,999,936	7,190,594	.66
1887	853,405	40,787	894,192	6,173,208	153,363	6,326,571	26,488		5,293,315	5,405,891	.65
1888	317,239	68,032	385,271	8,076,082	164,585	8,240,667	3,150		7,755,693	7,852,246	.58
1889	853,490	56,557	910,047	7,723,838	111,381	7,835,219			6,870,348	6,925,172	.59
1890	754,605	60,412	815,017	5,629,849	161,666	5,791,515	3,322		4,871,922	4,973,176	.54
1891	669,203	90,898	760,101	3,222,593	78,433	3,301,026	200,884		2,352,506	2,340,041	.69
									Net exports		
1892	1,751,445	94,797	1,846,242	1,592,040	6,148	1,598,188	257,156		416,561	505,210	.62
1893	1,468,843	85,630	1,554,473	921,605	4,411	926,016	16,993		564,231	645,450	.48
1894	2,379,714	61,186	2,440,900	358,744	5,676	364,420	15,224		2,036,194	2,091,704	.46
1895	767,228	110,323	877,551	867,743	7,495	875,238	5,507	225	1,095,008	8,045	.49
1896	3,100,311	126,942	3,227,253	317,209	4,774	321,983	5,248	2	2,788,350	2,910,520	.40
1897	7,646,384	177,292	7,823,676	394,749	9,384	404,133	3,798	5	9,255,433	7,423,346	.58
1898	5,542,040	287,473	5,829,513	43,863	4,412	48,275			5,498,177	5,781,238	.49
1899	1,375,274	324,145	1,699,419	53,696	4,447	58,143	29	938	1,321,607	1,642,243	.61
1900	11,216,694	215,198	11,431,892	91,040	4,127	95,167	9,394		11,135,048	11,346,119	.47

Year ended June 30—	Domestic exports				Imports				Reexports		Net exports		Average export price per bushel (barley)
	Barley	Barley flour	Malt	Barley, including flour and malt	Barley	Barley flour	Malt	Barley, including flour and malt	Barley	Malt	Barley	Barley, including flour and malt	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1901	2,883,565		250,099	3,133,664	84,073		4,635	88,708			2,799,492	3,043,884	.46
1902	3,995,303		266,894	4,262,197	33,221		2,929	36,150		928	3,962,082	4,226,047	.46
1903	4,662,544		252,801	4,915,345	30,201		3,029	33,230			4,632,343	4,882,115	.55
1904	6,292,914		315,676	6,608,590	45,245		3,250	48,495		52	6,247,721	6,560,147	.58
1905	5,585,544		342,851	5,928,395	39,546		3,580	43,126		8	5,885,206	5,885,207	.52
1906	8,653,231		598,453	9,251,684	9,803		2,711	12,514			8,643,428	9,239,170	.49
1907	4,556,295		278,448	4,834,743	14,033		3,917	17,950		22,598	4,564,860	4,839,391	.55
1908	3,205,528		201,554	3,407,082	143,407		3,090	146,497		9,540	3,071,661	3,270,125	.74
1909	4,672,166		147,258	4,819,424	1,440		1,992	3,432			4,670,726	4,815,992	.71
1910	3,052,527		129,088	3,181,615	2,650		941	3,591			3,049,877	3,178,024	.71
1911	5,381,360		103,099	5,484,459	98,795		996	99,791			5,282,565	5,384,668	.57
1912	1,267,999		300,480	1,568,479	1,929,214		5,098	1,934,312			3,661,215	3,661,215	.65
1913	11,411,819		300,480	11,712,299	2,663		15,121	17,784			11,409,156	11,694,515	.80
1914	4,253,129		270,059	4,523,188	156,269		16,367	172,636			4,096,860	4,350,552	.64
1915	18,184,079		2,301,535	20,485,614	47,179	14	6,334	53,527			18,136,900	20,432,087	.68
1916	20,663,533		3,881,700	24,545,233	10,254	6	412	10,672			20,653,279	24,534,561	.75
1917	19,027,082		5,881,287	24,908,369	450,345		2,584	452,929			18,576,737	24,455,440	1.16
1918	41,650,886		4,842,203	46,493,089	768,637	27	4,809	773,473			40,882,249	45,719,616	1.58
1919	27,687,047	6,112,597	3,993,057	37,792,701	20,363	260	16,880	37,503			27,666,684	37,755,198	1.35
1920	41,338,517	337,771	8,594,266	50,270,554	501,295	89	2,380	503,764			40,837,222	49,766,790	1.56
1921	25,184,082	160	7,477,056	32,661,298	27,246	91	2,864	30,201			25,156,836	32,631,097	1.23
1922	16,614,001	4,573	5,824,236	22,442,810	5,361	104	25	5,490			16,608,640	22,437,320	.74
1923	13,591,547		3,970,150	17,561,697	7,043	104,586	13,872	125,501			13,584,504	17,436,196	.75
1924	8,897,460		3,023,433	11,920,893	5,689	149,794	30,447	185,930			8,891,771	11,734,963	.79
1925	25,945,381		6,350,583	32,295,964	3,621	109,706	49,647	162,974			25,941,760	32,132,990	1.10
1926	23,687,082		3,993,593	27,680,675	966	147,710	48,405	197,081			23,686,116	27,483,594	.87
1927	13,617,790		2,947,541	16,565,331	4,557	116,469	44,587	165,613			13,613,233	16,399,718	.80
1928	35,721,526		3,310,392	39,031,918	3,532	58,954	23,520	86,006			35,717,994	38,945,912	.98

Compiled from Commerce and Navigation of the United States, 1843-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928; and official records of the Bureau of Foreign and Domestic Commerce. Domestic exports: Barley not reported prior to 1864. Malt: Value not reported prior to 1869; quantity not reported prior to 1880. Flour not reported prior to 1919. Imports: Barley not reported prior to 1843. General imports, 1843-1915-1928. Flour not reported prior to 1915; imports for consumption, 1915-1928. Reexports: Barley not reported prior to 1858 and from 1909-1928. Malt not reported prior to 1875 and from 1902-1928. Flour not reported.

• Net imports.

• 9 months, July 1, 1927-Mar. 31, 1928.

TABLE 77.—*Barley: Domestic exports, by months, 1910-1928*

Year ended June 30	July	August	September	October	November	December
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1910.....	340,861	626,801	584,352	631,327	810,285	302,448
1911.....	200,328	675,029	1,420,217	1,303,868	2,363,863	1,356,564
1912.....	183,270	930,377	67,038	132,897	164,833	3,844
1913.....	95,437	437,728	1,008,844	1,383,235	2,494,460	2,602,240
1914.....	728,954	792,401	251,454	590,313	608,778	300,617
1915.....	2,342,205	2,283,019	2,781,286	2,854,219	2,676,551	2,073,076
1916.....	531,032	1,647,702	2,631,972	2,702,287	3,461,757	3,061,107
1917.....	1,876,560	2,840,891	1,733,737	1,780,239	805,365	641,805
1918.....	761,885	1,455,530	1,559,732	3,924,880	2,134,490	1,319,652
1919.....	1,834,850	587,148	199,444	577	280,480	703,711
1920.....	5,463,592	8,468,051	4,497,592	2,482,507	1,484,228	433,899
1921.....	1,012,589	2,376,542	2,066,372	2,514,784	1,622,734	2,520,191
1922.....	2,107,620	4,602,368	5,357,012	2,082,255	2,510,935	829,934
1923.....	2,518,647	2,085,264	3,671,263	2,939,699	1,562,486	1,082,882
1924.....	816,159	2,571,305	2,203,418	1,423,395	284,072	382,240
1925.....	1,182,345	1,506,246	2,727,691	6,866,716	3,035,841	1,845,392
1926.....	1,940,328	4,564,025	9,601,099	3,043,323	2,463,494	967,609
1927.....	1,385,906	1,522,963	2,668,170	938,686	1,096,237	1,363,083
1928.....	2,359,676	4,064,747	6,637,367	6,926,941	6,490,445	3,424,763

Year ended June 30	January	February	March	April	May	June	Total
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1910.....	603,765	164,152	24,829	11,217	34,610	107,919	4,311,596
1911.....	913,072	209,750	364,449	334,619	155,115	105,872	9,399,346
1912.....	3,814	2,222	463	1,540	8,149	96,795	1,585,242
1913.....	3,069,219	2,910,418	1,606,443	1,060,763	458,185	349,722	17,536,703
1914.....	848,401	821,220	22,656	611,059	670,629	343,265	6,644,747
1915.....	4,081,813	2,974,686	2,251,188	1,050,464	587,096	918,419	26,754,522
1916.....	3,213,277	1,998,702	2,649,872	1,355,003	1,654,369	1,935,500	27,473,100
1917.....	1,662,118	631,840	339,921	1,181,932	2,289,446	597,223	16,381,077
1918.....	1,424,072	3,065,781	2,416,427	3,513,367	3,195,461	613,901	26,285,378
1919.....	933,124	6,637	1,841,130	3,129,530	4,824,975	6,046,275	20,457,781
1920.....	1,264,319	954,385	1,443,534	887,001	634,762	557,014	26,571,284
1921.....	2,991,170	1,324,488	1,567,403	631,047	458,225	1,371,653	20,457,199
1922.....	441,190	463,853	835,504	1,002,008	1,015,222	1,152,602	22,400,393
1923.....	684,652	1,191,104	1,011,991	708,316	364,708	361,817	18,192,809
1924.....	299,228	613,280	969,010	706,217	447,649	512,760	11,208,733
1925.....	1,535,247	880,672	864,142	934,181	1,607,805	606,840	23,653,118
1926.....	782,562	310,777	436,257	733,602	996,324	1,351,285	17,080,685
1927.....	1,005,944	1,267,727	2,121,426	1,150,872	1,336,697	1,186,209	17,144,010
1928.....	1,700,508	878,983	687,669	653,995	1,091,581	1,662,952	36,676,617

Compiled from Monthly Summaries of Foreign Commerce of the United States.

TABLE 78.—*Barley: Exports from the United States by countries of destination, 1909-10 to 1927-28*

[In thousands of bushels—i. e., 000 omitted]

Year ended June 30	United Kingdom	Netherlands	Belgium	Germany	France	Denmark	Norway	Other countries	Total
Average: 1910-1914.....	5,054	153	283	1,562	9	0	0	835	7,896
1910.....	3,762	160	20	0	0	0	0	370	4,312
1911.....	7,763	0	243	0	0	0	0	1,293	9,399
1912.....	888	0	0	0	0	0	0	697	1,585
1913.....	7,520	464	689	7,250	0	0	0	1,014	17,537
1914.....	5,335	142	363	559	44	0	0	202	6,645
1915.....	14,894	540	1,164	0	647	4,908	466	4,132	29,765
1916.....	18,646	2,698	26	0	349	1,260	2,440	2,048	27,473
1917.....	9,112	2,840	201	0	274	722	1,218	2,014	16,381
1918.....	17,456	205	786	0	2,720	0	444	4,674	26,285
1919.....	10,719	4,279	2,542	0	322	1,009	231	1,350	20,457
1920.....	20,418	2,024	2,007	8	17	411	102	1,584	20,457
1921.....	15,351	1,344	1,378	118	0	242	205	1,821	20,400
1922.....	15,586	1,675	2,377	418	416	610	928	401	22,400
1923.....	12,784	697	1,443	442	1,252	144	524	907	18,193
1924.....	10,390	32	172	33	15	166	227	174	11,209
1925.....	8,578	2,526	2,225	7,775	46	694	542	1,267	23,653
1926.....	13,223	922	1,727	3,883	53	530	479	6,364	27,181
1927.....	8,981	815	1,576	2,096	93	188	439	2,886	17,044
1928.....	10,151	2,581	642	11,599	248	65	319	10,975	36,589

Compiled from Commerce and Navigation of the United States, 1910-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928 and official records of the Bureau of Foreign and Domestic Commerce.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 135

 TABLE 79.—*Barley and malt: Shipments from the United States to Alaska, Hawaii, and Porto Rico, 1903-1928*

Year ended June 30	Quantity shipped to—					
	Alaska		Hawaii		Porto Rico	
	Barley	Malt	Barley	Malt	Barley	Malt
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
1903.....	4,411	4,447	953,427	19,152	.....	.....
1904.....	5,728	8,930	870,760	18,269	2	.....
1905.....	2,375	9,603	880,961	16,757	.....	.....
1906.....	4,932	8,038	913,441	18,622	.....	.....
1907.....	3,651	5,041	830,635	22,329	721	538
1908.....	5,670	8,980	501,551	9,721	647	.....
1909.....	1,527	17,588	575,819	13,952	6	12
1910.....	3,101	10,133	781,814	16,992	125	19
1911.....	.....	.....	1,201,694	.....	.....	.....
1912.....	.....	.....	839,837	.....	.....	.....
1913.....	.....	.....	514,973	.....	.....	.....
1914.....	.....	.....	488,898	.....	.....	.....
1915.....	.....	.....	1,063,347	.....	.....	.....
1916.....	.....	.....	1,031,593	.....	.....	.....
1917.....	.....	.....	955,517	.....	.....	.....
1918.....	.....	.....	779,919	.....	.....	.....
1919.....	.....	.....	164,868	.....	.....	.....
1920.....	.....	.....	228,167	.....	.....	.....
1921.....	.....	.....	293,745	.....	.....	.....
1922.....	.....	.....	183,993	.....	.....	.....
1923.....	5,448	.....	307,645	.....	2,923	.....
1924.....	4,621	.....	652,438	.....	1,782	.....
1925.....	4,577	.....	510,558	.....	3,543	.....
1926.....	4,819	.....	344,352	.....	1,640	.....
1927.....	4,980	.....	306,398	.....	387	.....
1928.....	3,818	.....	360,374	.....	.....	.....

Year ended June 30	Value of shipments to—					
	Alaska		Hawaii		Porto Rico	
	Barley	Malt	Barley	Malt	Barley	Malt
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1903.....	2,208	3,505	526,074	13,882	.....	.....
1904.....	3,322	7,189	478,385	13,380	2	.....
1905.....	1,241	7,244	501,227	11,978	.....	.....
1906.....	3,040	5,891	529,609	13,207	.....	.....
1907.....	2,105	3,542	470,433	17,459	389	386
1908.....	3,624	6,523	338,545	8,745	552	.....
1909.....	1,098	15,064	410,637	11,681	5	13
1910.....	2,019	8,259	514,573	13,988	84	21
1911.....	.....	.....	678,386	.....	.....	.....
1912.....	.....	.....	682,259	.....	.....	.....
1913.....	.....	.....	366,049	.....	.....	.....
1914.....	.....	.....	294,892	.....	.....	.....
1915.....	.....	.....	639,183	.....	.....	.....
1916.....	.....	.....	657,819	.....	.....	.....
1917.....	.....	.....	937,997	.....	.....	.....
1918.....	.....	.....	1,038,800	.....	.....	.....
1919.....	.....	.....	196,629	.....	.....	.....
1920.....	.....	.....	385,672	.....	.....	.....
1921.....	.....	.....	308,303	.....	.....	.....
1922.....	.....	.....	141,426	.....	.....	.....
1923.....	5,534	.....	249,746	.....	6,650	.....
1924.....	4,388	.....	558,681	.....	2,952	.....
1925.....	5,934	.....	571,949	.....	4,983	.....
1926.....	3,344	.....	292,754	.....	3,223	.....
1927.....	4,824	.....	236,480	.....	779	.....
1928.....	4,826	.....	394,008	.....	.....	.....

Compiled from Commerce and Navigation of the United States 1903-1912 and Monthly Summary of Foreign Commerce of the United States 1913-1928.

TABLE 80.—Barley, including malt: Net exports of principal exporting countries, 1867-1928

[In thousands of bushels—i. e., 000 omitted]

Year ¹	Russia ²	United States	Rumania	Hungary	Canada	Czechoslovakia	Algeria	Argentina
1867.	3, 283	³ 2, 877						
1868.	4, 168	³ 3, 774			4, 087			
1869.	3, 794	³ 5, 011			4, 650			
1870.	11, 194	³ 6, 472			6, 702			
1871.	8, 593	³ 4, 502			4, 985			
1872.	0, 536	³ 5, 467			5, 825			
1873.	6, 914	³ 3, 997			4, 085			
1874.	12, 955	³ 4, 794			4, 160			
1875.	8, 734	³ 6, 293			5, 496			
1876.	8, 774	³ 10, 208			10, 269			
1877.	13, 060	³ 5, 752			6, 347			
1878.	27, 619	³ 2, 574			7, 521			
1879.	17, 429	³ 5, 398			5, 797			
1880.	10, 573	³ 6, 915			8, 185			1
1881.	15, 682	³ 9, 259			9, 450			11
1882.	20, 021	³ 12, 999		14, 797	12, 634			26
1883.	30, 183	³ 10, 818	11, 045	8, 138	9, 905			12
1884.	25, 835	³ 7, 977	5, 334	11, 105	7, 944			51
1885.	29, 322	³ 9, 658	10, 892	14, 433	9, 373			8
1886.	31, 762	³ 10, 175	7, 125	11, 870	8, 786			17
1887.	44, 496	³ 9, 150	9, 466	13, 289	9, 590			97
1888.	60, 025	³ 10, 392	10, 556	17, 273	9, 507			40
1889.	49, 294	³ 9, 994	12, 125	10, 293	10, 023			38
1890.	45, 606	³ 10, 035	8, 251	17, 838	10, 158			11
1891.	34, 622	³ 8, 225	14, 578	12, 291	4, 967			60
1892.	33, 071	247	8, 655	12, 298	5, 176			6
1893.	83, 682	1, 200	21, 103	20, 718	1, 995			43
1894.	115, 215	4, 536	13, 308	14, 603	555			11
1895.	81, 494	³ 405	11, 342	10, 104	1, 607			19
1896.	61, 396	7, 036	18, 216	22, 298	760			411
1897.	67, 291	19, 021	15, 310	18, 096	1, 767			167
1898.	79, 990	11, 478	16, 613	16, 132	375			7
1899.	55, 837	2, 566	2, 928	20, 212	181			100
1900.	40, 190	23, 759	6, 048	18, 160	2, 088			101
1901.	58, 145	6, 445	12, 994	14, 634	2, 296		8, 149	³ 211
1902.	77, 998	9, 019	15, 222	18, 057	363		7, 379	³ 325
1903.	108, 957	8, 686	17, 103	20, 029	860		1, 921	³ 380
1904.	113, 548	11, 187	9, 602	11, 878	958		1, 356	³ 476
1905.	103, 441	11, 021	15, 555	18, 378	951		³ 824	³ 516
1906.	110, 437	18, 410	21, 102	20, 206	799		1, 184	³ 797
1907.	98, 787	8, 632	15, 675	16, 958	1, 178		5, 483	³ 745
1908.	120, 248	4, 370	6, 459	14, 704	1, 979		3, 109	³ 4
1909.	164, 021	6, 725	13, 107	13, 514	2, 840		3, 599	³ 20
1910.	183, 387	4, 449	17, 809	11, 281	1, 831		5, 223	³ 869
1911.	196, 672	9, 320	21, 714	12, 676	1, 326		7, 667	³ 933
1912.	126, 137	³ 1, 117	10, 782	13, 066	2, 066		4, 027	³ 659
1913.	179, 239	17, 859	17, 146	12, 640	6, 306		3, 997	415
1914.	90, 028	6, 594	9, 909	(⁴)	12, 759		3, 861	120
1915.	60	28, 609	6, 998	(⁴)	5, 452		1, 656	2, 784
1916.	123	30, 783	⁵ 2, 157	(⁴)	5, 921		7, 834	2, 116
1917.	(⁴)	19, 858	(⁴)	(⁴)	9, 747		2, 363	³ 198
1918.	(⁴)	28, 200	(⁴)	(⁴)	6, 975		3, 742	³ 686
1919.	(⁴)	26, 964	⁵ 102	3	4, 144		15, 665	749
1920.	(⁴)	34, 219	⁵ 10, 252	30	14, 852		³ 2, 410	1, 083
1921.	(⁴)	27, 234	⁵ 17, 782	431	8, 941	1, 374	3, 685	819
1922.	(⁴)	27, 636	20, 663	781	12, 433	9, 451	³ 1, 772	445
1923.	3, 235	21, 880	37, 623	636	14, 351	11, 840	3, 229	2, 011
1924.	14, 069	13, 873	12, 715	1, 058	14, 871	6, 346	2, 822	8, 341
1925.	3, 235	28, 504	8, 405	2, 120	22, 547	9, 930	3, 994	2, 239
1926.	36, 940	30, 407	19, 840	2, 571	32, 639	15, 394	38	7, 815
1927.	19, 125	19, 615		2, 838	38, 488	17, 450	⁶ 1, 835	⁶ 13, 031
1928.	1, 825	39, 251			28, 025	12, 346		

¹ For the United States, the years end June 30; for Canada, 1868-1906 and Mar. 31, 1907-1928; for Russia, Dec. 31, 1867-1916 and crop year, 1923-1926; for Hungary, Rumania, Argentina, Czechoslovakia and Algeria, Dec. 31.

² Excludes malt.

³ Net imports.

⁴ No reports.

⁵ 9 months.

⁶ Barley only.

Compiled from: Russia—1867-1876, Senate Executive Document No. 91; (53d Cong., second session), 1877-1914, Recueil de Données Statistiques et Economiques, sur L'industrie Agricole en Russie et dans les Pays Etrangers. 1908-1917; 1915-1916, Annuaire International de Statistique Agricole; 1917-1922, no reports; 1923-1926, Marktbericht Hansabulum Tageszeitung, No. 184, August, 1926 and Consular Report from Riga, No. 220723, Broomball's Corn. Trade News, Aug. 2, 1927 and Aug. 2, 1928. United States—1861-1917, Commerce and Navigation of the United States; 1918, Foreign Commerce and Navigation of the United States; 1919-1928, Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1926; January and June issues, 1927-1928. Rumania—1883-1891, Tablou general indicand comerului Romaniei cu terile straine; 1892-1915 and 1923-1926 Comericiul Exterior al Romaniei; 1916-1922, Annuaire

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 137

TABLE 81.—Barley: International trade for year ended June 30, average 1910-1914, annual 1924-1927

[In thousands of bushels—i. e., 000 omitted]

Country	Average, 1910-1914		1924		1925		1926		1927 ¹	
	Im-ports	Exports	Im-ports	Exports	Im-ports	Exports	Im-ports	Exports	Im-ports	Exports
PRINCIPAL EXPORTING COUNTRIES										
Algeria.....	² 213	² 5,482	202	9,452	1,964	957	282	4,504	2,736	388
Argentina.....	³	² 784	⁴ 1	9,313	⁴ 5	4,229	(⁴)	⁶ 383		⁶ 14,140
Australia.....	³ 159	³ 51	(⁵)	1,905	70	1,553		⁶ 760		⁶ 2,133
British India.....	² 723	² 10,640	(²)	¹¹ 307	⁴	¹⁸ 075	⁵	⁶ 684		⁶ 394
Bulgaria.....		² 1,876	(²)	² 484	(⁴)	523		1,117		¹⁰ 1,025
Canada.....	66	5,210	2	16,577	(⁴)	27,796	10	30,893	29	42,533
Chile.....	³ 88	³ 1,062		3,737		2,362		2,480		5,596
Czechoslovakia.....			² 106	⁸ 182	2,292	3,153	1,709	5,134	9	5,070
Hungary.....	² 229	² 11,836	9	327	199	385	2	2,264	3	2,323
Poland.....			³	² 194	² 27	⁶ 4,550	²⁰	⁶ 7,375		⁶ 4,276
Rumania.....	² 11 63	² 11 80,804	(⁵)	24,714	(⁵)	7,743		12,675		⁶ 31,936
Russia.....	² 124	² 173,240		14,069		3,235		36,940		20,465
Sweden.....	² 28	² 102	204	19	31	540	14	523	5	1,878
Tunis.....	² 328	² 3,055	² 128	⁶ 6,622	² 623	⁶ 313	⁵ 48	⁶ 2,680		⁶ 3,740
United States.....		7,896		11,209		23,653		27,181		17,044
Yugoslavia.....				² 218		⁶ 1,197		⁶ 1,105		¹⁰ 1,377
PRINCIPAL IMPORTING COUNTRIES										
Austria.....	² 716	² 8,123	3,910	² 45	3,890	¹⁰ 32	3,772	³ 355	2,962	159
Belgium.....	18,351	3,079	12,491	81	12,068	103	13,361	250	11,635	204
Ceylon.....			⁶ 11		⁶ 12		⁶ 13		⁶ 15	
Cuba.....	255		432		642		536		¹³ 115	
Denmark.....	² 3,024	² 2,906	10,040	622	5,128	3,071	2,914	2,909	3,526	2,635
Egypt.....	² 732	² 14 42	182	35	128	107	314	(⁵)	665	20
Estonia.....			⁶ 372		⁶ 140		⁶ 273		⁶ 82	
Finland.....			273		42		39		17	
France.....	6,711	787	6,728	831	2,113	914	2,188	698	⁶ 1,620	220
Germany.....	148,297	136	23,085	13	31,018	2,849	53,090	525	97,886	75
Greece.....			1,368		⁶ 1,498		⁶ 16 16			
Irish Free State.....					784	100	1,613	55	418	996
Italy.....	824	20	386	61	212	610	127	106	328	1
Japan.....	² 15		² 108		⁶ 48		⁶ 42		⁶ 14	
Latvia.....			² 415	² 28	⁶ 190	² 203	⁶ 170	⁶ 4	⁶ 98	
Netherlands.....	² 38,039	² 29,975	15,267	556	9,293	782	14,905	425	13,612	590
Norway.....	² 4,550		2,988	(⁵)	1,501	(⁵)	1,652		1,227	
Portugal.....	² 24	² 5								
Spain.....	640	117	83	662	653	928	1,560	258	1	⁶ 12 868
Switzerland.....	² 1,140	² 1	3,101	1	2,956		3,102	(⁵)	2,534	(⁵)
Syria and Lebanon.....			⁶ 10 64		⁶ 10 460		⁶ 453		⁶ 234	
United Kingdom.....	48,550	² 101	43,676	⁴ 131	41,140	⁶ 81	35,712	⁴ 492	29,662	
Total 38 countries.....	273,102	280,310	126,235	123,453	119,041	110,045	137,948	148,775	169,432	160,076

Official sources except where otherwise noted.

¹ Preliminary.

² Year ended July 31, as compiled in the International Yearbook of Agricultural Statistics.

³ Average of calendar years 1909-1913.

⁴ Year ended Dec. 31.

⁵ Less than 500 bushels.

⁶ International Crop Report and Agricultural Statistics.

⁷ Average for seasons 1909-10 to 1911-12.

⁸ Sea trade only.

⁹ 10 months ended May 31, International Yearbook of Agricultural Statistics.

¹⁰ 11 months.

¹¹ Average for seasons 1911-12 to 1913-14.

¹² 9 months.

¹³ 6 months.

¹⁴ Average for seasons 1912-13 to 1913-14.

¹⁵ 2 months.

International de Statistique Agricole, 1923-1926. Hungary—1882-1913, Commerce Extérieur des Pays de la Sainte; Couronne Hongroise, 1913 by order of the Minister of Commerce and published by the Central Office of Statistics; 1914-1921, Annuaire International de Statistique Agricole; 1922-1927, Statisztikai, Havi Közlemények. Canada—1898-1915, Trade and Commerce, Canada, 1916; 1916-1925, Annual Report of the Trade of Canada; 1926-1928, Monthly Report of the Trade of Canada, March issues. Czechoslovakia—1921-1927, Commerce Extérieur de la République Tchèque; 1928, Zahraníčního Obchodu Republiky Československé. Algérie—1901-1913, Statistique Générale de l'Algérie; 1914-1927, Documents Statistiques sur le Commerce de l'Algérie. Argentina—1893-1927, Anuario del Comercio Exterior de la Republica Argentina.

Note: These data for Russia, Hungary, and Rumania can not be treated as comparable owing to changes of frontier during the period under review.

TABLE 82.—Barley: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928

NEW YORK

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1908.....	84	74	66	67	70	69	70	75	78	81	84	82
1909.....	76	72	70	69	69	70	71	72	73	75	74	72
1910.....	72	70	68	69	70	71	74	74	76	77	76	76
1911.....	82	87	92	96	98	100	101	101	100	103	108	109
1912.....	86	76	72	70	68	65	64	68	70	72	70	71
1913.....	74	72	71	70	69	70	70	70	72	72	70	68
1914.....	69	72	71	71	73	76	80	81	82	83	82	82
1915.....	79	74	70	73	75	74	76	78	78	78	78	76
1916.....	78	89	96	99	102	109	114	116	138	140	158	162
1917.....	144	140	141	134	134	145	154	166	172	172	168	155
1918.....	140	133	130	126	120	122	124	116	120	126	132	142
1919.....	144	138	137	136	138	146	160	156	176	198	190	168
1920.....	152	142	117	106	92	84	82	82	82	90	90	82
1921.....	87	82	66	63	64	66	66	74	77	77	79	75
1922.....	66	62	65	71	76	76	78	82	87	90	86	80
1923.....	83	84	80	76	78	75	78	79	76	76	79	85
1924.....	96	90	86	80	91	95	101	90	92	97	97	91
1925.....	90	80	74	76	75	77	76	77	74	76	77	72
1926.....	73	69	71	70	73	71	73	76	78	80	88	85
1927.....	85	82	81	80	84	82	85	90	98	105	110	99
1928.....	90	77	75	77	77							

OHIO

1908.....	66	64	65	64	60	67	68	72	74	75	76	72
1909.....	66	63	62	61	64	66	67	68	64	64	65	61
1910.....	62	62	60	60	60	60	62	62	62	65	66	64
1911.....	70	79	84	85	87	88	86	86	95	98	92	82
1912.....	68	58	60	59	56	56	56	52	55	58	54	51
1913.....	52	55	56	57	57	55	55	56	59	60	56	54
1914.....	56	57	56	58	59	61	62	62	67	68	64	63
1915.....	60	56	51	52	54	56	58	58	61	62	56	56
1916.....	61	68	74	77	84	92	100	109	114	114	113	111
1917.....	110	112	148	148	122	138	148	166	169	143	128	112
1918.....	96	95	94	92	92	94	96	98	104	112	110	118
1919.....	128	124	121	124	126	134	134	131	144	152	150	132
1920.....	112	100	92	85	81	76	71	68	62	56	60	50
1921.....	56	56	53	50	52	57	61	60	60	63	58	54
1922.....	56	57	60	64	64	64	66	66	68	68	66	63
1923.....	62	60	60	62	66	64	69	67	65	66	63	68
1924.....	70	75	80	80	90	96	98	100	100	91	90	85
1925.....	75	75	71	70	70	76	71	67	67	68	69	65
1926.....	61	58	61	60	60	59	63	62	65	66	68	67
1927.....	63	69	75	71	73	76	81	90	92	90	96	82
1928.....	61	59	60	56	56							

ILLINOIS

1908.....	64	65	65	65	62	60	62	66	67	68	68	64
1909.....	58	55	54	53	54	56	60	60	56	55	57	59
1910.....	58	56	56	56	55	58	60	64	72	70	68	68
1911.....	72	80	88	91	88	90	94	94	98	96	92	82
1912.....	64	56	54	52	52	51	50	52	50	48	52	54
1913.....	52	54	56	56	56	56	56	56	53	54	55	54
1914.....	56	59	59	60	62	64	68	71	66	62	64	64
1915.....	60	58	60	59	55	60	66	65	64	65	66	62
1916.....	73	84	83	94	100	102	104	108	120	130	124	122
1917.....	122	117	118	120	126	138	159	178	174	154	136	120
1918.....	102	94	91	89	90	87	85	94	108	113	110	108
1919.....	114	114	111	117	126	132	130	134	148	148	148	137
1920.....	113	94	87	86	80	72	68	64	61	59	60	58
1921.....	55	56	52	47	46	48	52	54	54	58	61	58
1922.....	54	51	52	56	60	60	60	62	64	62	60	58
1923.....	56	66	58	58	59	60	61	62	65	60	68	73
1924.....	73	72	76	72	84	84	88	79	81	69	77	73
1925.....	71	69	65	64	65	65	62	61	63	62	63	61
1926.....	60	54	56	57	60	59	62	63	62	68	76	71
1927.....	69	71	71	70	76	80	81	89	90	97	90	79
1928.....	62	55	55	53	51							

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 139

TABLE 82.—Barley: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

MICHIGAN

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1908	61	62	64	63	62	64	66	68	70	72	74	72
1909	67	64	64	63	62	64	64	64	65	66	66	66
1910	66	62	62	61	58	58	60	66	68	72	72	67
1911	68	74	77	81	84	86	80	87	85	87	90	84
1912	72	66	61	62	60	58	60	61	62	62	63	62
1913	60	62	61	59	62	62	64	64	60	59	60	62
1914	64	66	65	64	68	71	72	78	78	75	75	71
1915	73	68	62	63	64	66	68	68	68	73	71	71
1916	74	74	82	90	93	100	104	104	126	149	138	132
1917	132	124	124	122	123	146	156	166	180	168	154	128
1918	102	96	98	98	100	100	96	94	106	118	118	116
1919	116	110	108	114	122	128	128	130	146	109	164	154
1920	132	105	92	90	86	76	72	72	62	58	54	49
1921	50	52	54	55	54	50	54	60	60	59	60	60
1922	56	56	64	66	66	68	68	70	68	66	68	66
1923	65	63	62	64	71	65	68	70	75	75	75	70
1924	78	74	87	84	86	95	90	86	90	77	85	79
1925	74	68	68	71	72	71	71	63	65	67	67	65
1926	67	59	61	60	63	64	67	64	66	75	82	78
1927	70	75	73	74	79	82	85	90	95	105	100	96
1928	76	65	66	68	69							

WISCONSIN

1908	60	58	56	56	58	60	60	60	62	67	69	67
1909	62	58	58	57	58	62	64	63	62	60	60	61
1910	62	62	62	62	68	76	80	84	89	87	84	82
1911	86	94	100	100	101	106	106	106	109	107	100	91
1912	73	59	56	56	54	54	52	50	50	52	52	52
1913	54	56	60	60	59	56	54	52	52	52	52	52
1914	56	60	60	60	62	64	70	72	71	69	67	66
1915	62	54	52	55	58	64	68	66	65	66	67	68
1916	80	94	98	104	102	101	105	111	118	132	134	128
1917	125	124	124	122	132	140	152	168	170	155	132	114
1918	102	96	92	90	92	88	85	91	102	106	108	113
1919	119	110	117	120	126	133	132	136	146	150	150	136
1920	118	104	92	86	80	74	69	67	62	60	59	58
1921	58	57	54	50	52	53	54	55	56	57	58	58
1922	54	54	54	56	58	58	60	60	60	61	63	62
1923	60	60	62	62	63	63	65	66	68	70	73	72
1924	78	77	83	78	83	87	91	91	86	85	86	85
1925	78	68	67	67	67	68	68	66	67	66	65	66
1926	65	63	63	63	65	65	67	69	70	73	79	77
1927	72	74	75	74	78	80	83	88	91	98	95	93
1928	73	63	64	64	65							

MINNESOTA

1908	52	51	50	48	50	51	52	56	57	59	60	58
1909	50	46	46	47	50	53	54	54	50	48	50	52
1910	55	57	56	58	64	70	72	78	88	86	81	80
1911	82	88	94	96	95	96	98	98	100	99	87	67
1912	49	43	45	44	42	44	44	43	42	44	46	44
1913	48	54	52	50	40	46	47	46	44	44	42	41
1914	48	52	49	52	52	56	62	62	62	62	60	60
1915	56	46	44	47	51	58	60	56	58	60	60	59
1916	66	74	78	84	86	89	94	99	113	120	110	114
1917	116	110	114	111	122	134	155	173	162	132	104	96
1918	89	82	78	78	78	76	75	80	91	98	98	103
1919	108	104	105	112	123	128	124	125	136	142	134	114
1920	91	79	72	66	60	53	48	48	46	44	45	46
1921	42	40	38	34	34	38	42	44	46	47	46	44
1922	40	40	43	46	47	47	47	47	48	48	48	46
1923	44	44	45	45	48	49	51	54	55	58	58	62
1924	64	63	73	67	72	77	79	75	70	71	71	72
1925	62	55	51	51	52	52	50	49	49	51	51	52
1926	52	48	51	52	52	56	57	58	60	66	75	66
1927	62	62	63	62	71	71	73	77	78	83	80	79
1928	55	50	50	48	50							

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 141

TABLE 82.—Barley: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

NEBRASKA

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1908	50	47	46	46	46	47	49	52	55	56	57	52
1909	44	42	42	43	44	46	48	48	48	48	46	46
1910	45	44	44	45	45	48	49	47	47	50	54	54
1911	53	56	57	59	58	64	76	89	94	88	84	65
1912	50	43	37	40	41	38	40	42	40	42	43	42
1913	42	46	48	48	49	50	50	50	52	51	48	42
1914	42	47	46	44	46	48	52	54	54	54	50	51
1915	49	42	36	38	44	48	48	44	46	46	46	48
1916	55	56	64	74	74	72	74	83	98	110	103	100
1917	96	88	96	99	103	112	128	148	148	136	130	109
1918	88	88	83	80	86	85	88	90	88	87	88	94
1919	100	92	85	94	102	109	108	104	110	122	115	106
1920	85	82	62	50	50	48	43	48	49	44	45	40
1921	34	32	30	28	28	29	34	38	42	42	40	41
1922	40	36	40	46	46	46	48	50	54	54	52	46
1923	42	44	46	44	44	46	47	49	48	49	51	56
1924	60	60	66	66	68	67	77	76	69	71	70	61
1925	62	56	55	53	53	53	54	53	51	51	50	49
1926	55	53	56	58	57	57	60	58	60	62	68	63
1927	58	58	58	55	55	60	62	65	71	74	70	66
1928	50	47	50	50	50							

KANSAS

1908	56	56	54	54	54	56	59	62	66	67	67	62
1909	53	52	52	52	54	55	58	58	59	58	56	52
1910	49	49	47	45	45	46	46	47	48	49	50	50
1911	50	52	56	59	61	66	85	98	98	97	90	68
1912	48	42	41	40	39	38	38	41	41	40	42	44
1913	48	52	55	58	58	56	54	56	56	55	54	49
1914	45	46	46	46	48	54	59	60	60	58	54	53
1915	49	40	38	40	44	51	52	48	48	48	48	51
1916	56	64	70	74	76	81	90	96	112	122	112	109
1917	114	111	103	108	110	114	144	172	175	162	152	134
1918	104	92	101	102	95	92	88	90	98	100	100	100
1919	100	96	96	98	103	112	112	108	110	117	122	118
1920	96	72	64	53	44	41	40	38	30	32	40	42
1921	36	32	29	28	29	30	34	40	42	45	48	46
1922	40	38	39	42	46	48	50	52	54	55	54	48
1923	44	46	48	48	52	50	54	54	53	55	53	56
1924	58	58	65	66	70	75	82	78	75	70	75	68
1925	67	61	58	58	58	57	59	61	59	58	56	54
1926	60	61	62	59	59	64	70	70	70	74	76	67
1927	60	62	59	53	57	60	64	74	73	73	67	60
1928	49	45	47	48	48							

OKLAHOMA

1908		53	59	59	59	57	55	61			62	54
1909	56	64	64	65	65	70	68	60	62	61	56	48
1910	46	52	56	56	52	49	52	57	55	60	58	47
1911	60	68	62	60	68	76	75	65	66	67	66	59
1912	55	52	50	50	58	56	58	52	48	49	50	53
1913	64	66	73	78	74	64	68	72				
1914	52	60	54	50	54	62	74	72	60	54	51	50
1915	50	50	44	45	49	48	50	52	50	50	48	48
1916	52	70	80	88	87	84	93	92	104	128	110	106
1917	134	137	140	144	148	149	146	145	109	175	168	162
1918	134	128	130	124	122	146	146	136	160	148	144	128
1919	112	108	116	124	120	121	118	113	118	120	112	106
1920	130	126	76	62	74	64	62	68	82	82	65	58
1921	51	51	46	42	42	36	42	62	54	53	52	60
1922	62	48	43	51	57	61	66	70	70	72	72	70
1923	67	67	71	71	65	63	64	67	70	70	65	60
1924	64	62	70	71	71	84	82	83	77	78	76	68
1925	73	80	71	76	73	74	68	74	71	66	65	56
1926	58	58	58	58	58	58	62	59	59	59	66	64
1927	65	66	66	66	64	65	72	83	75	83	83	67
1928	61	61	65	73	65							

142 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 82.—Barley: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

TEXAS

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1908.....	73	78	80	78	84	88	86	83	84	86	85	83
1909.....	88	90	97	105	100	102	108	101	94	98	100	99
1910.....	94	90	85	84								
1911.....	100	112	112	96	104	106	90	76	98	118	94	76
1912.....	76	74	70	74	84	84	79	73	59	49	48	46
1913.....	54	64	70	78	78	76	76	68	69	74	66	52
1914.....	48	52	51	00	00	58	09	66	64	74	80	05
1915.....	50	57	54	56	61	52	48	56	63	54	48	48
1916.....	55	64	78	78	80	88	98	92	94	100	105	110
1917.....	115	130	150	140	154	168	162	179	199	182	146	118
1918.....	119	139	153	143	152	158	145	140	140	132	113	114
1919.....	102	94	98	104	126	132	113	110	123	125	116	116
1920.....	114	108	82		75	69	72	80	58	50	60	48
1921.....	48	45	45	46	47	42		48	58	62	58	52
1922.....	48	56	60	60	67	70	68	69	72	70	65	62
1923.....	48	54	56	62	78	85	87	82	80	75	70	65
1924.....	70	70	79	82	78	88	85	91	76	82	83	76
1925.....	80	96	90	93	89	83	89	91	90	78	68	44
1926.....	50	51	52	52	52	52	59	58	60	59	65	63
1927.....	63	66	63	69	69	70	76	79	78	83	83	66
1928.....	67	65	67	63	69							

MONTANA

1908.....	61	60	62	64	66	72	74	75	83	82	87	94
1909.....	78	64	58	60	62	65	72	75	72	69	64	66
1910.....	72	66	62	61	66	70	62	64	75	78	75	74
1911.....	82	72	58	62	82	95	85	70	80	88	82	82
1912.....	74	58	56	56	52	50	52	52	48	50	50	53
1913.....	52	54	55	49	48	48	51	54	58	56	48	52
1914.....	56	62	65	56	52	56	63	72	73	72	73	70
1915.....	63	50	44	48	52	55	58	58	56	58	58	58
1916.....	58	56	68	79	77	82	81	82	102	120	114	108
1917.....	128	146	128	107	108	118	132	150	153	158	172	152
1918.....	140	130	112	109	116	104	90	98	96	112	114	121
1919.....	130	135	144	141	140	140	136	146	160	154	170	165
1920.....	136	132	127	95	65	66	64	68	75	76	75	70
1921.....	63	62	58	55	55	48	60	63	58	74	72	54
1922.....	44	40	42	45	49	48	54	62	70	68	62	56
1923.....	48	46	45	47	55	50	49	55	54	50	55	54
1924.....	54	60	64	71	71	78	83	92	89	85	92	85
1925.....	70	59	64	65	68	71	67	68	60	56	68	61
1926.....	69	55	52	55	55	59	67	62	69	72	74	74
1927.....	67	60	57	56	61	62	62	70	70	69	70	71
1928.....	56	53	51	50	54							

IDAHO

1908.....	54	50	52	54	58	62	64	68	72	76	80	78
1909.....	68	58	58	60	60	67	66	62	60	64	64	54
1910.....	54	58	54	50	48	46	46	47	51	54	61	59
1911.....	60	70	70	70	68	68	68	70	80	85	78	71
1912.....	58	54	56	51	50	46	46	49	50	50	48	46
1913.....	50	55	56	51	46	46	49	49	48	51	51	52
1914.....	53	50	50	50	55	58	58	63	60	56	102	45
1915.....	48	51	54	54	52	58	64	56	56	62	58	56
1916.....	54	63	78	82	81	82	84	88	92	110	108	93
1917.....	100	98	98	106	110	114	126	148	151	144	146	140
1918.....	132	132	134	132	126	128	122	107	116	126	115	128
1919.....	144	138	135	135	142	148	146	158	177	179	175	158
1920.....	148	145	117	86	72	72	84	78	62	60	71	69
1921.....	60	54	50	48	48	48	53	62	72	65	71	80
1922.....	64	58	60	64	68	74	82	84	84	88	96	92
1923.....	78	65	58	57	56	58	60	54	56	60	65	75
1924.....	83	80	81	77	81	86	95	96	83	86	83	87
1925.....	63	60	58	60	57	62	58	53	50	52	46	55
1926.....	58	53	55	60	60	62	68	67	74	80	86	82
1927.....	80	69	66	68	68	70	74	77	84	85	80	76
1928.....	64	61	62	64	64							

TABLE 82.—Barley: Estimated average price per bushel received by producers, principal producing States, by months, 1908-1928—Continued

CALIFORNIA

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1908	70	68	69	72	74	74	74	74	78	80	80	76
1909	73	74	72	72	72	70	70	72	71	66	61	56
1910	54	54	52	54	52	51	52	52	58	67	66	62
1911	64	69	73	80	85	86	88	90	90	88	82	74
1912	67	66	68	68	71	73	70	65	64	68	76	72
1913	66	66	66	68	68	66	62	63	61	55	55	50
1914	44	50	54	56	58	62	71	72	67	63	54	49
1915	54	56	57	61	61	62	67	66	62	62	63	64
1916	69	76	82	90	100	104	108	110	118	128	116	102
1917	110	118	116	118	123	126	144	166	171	171	156	136
1918	130	121	116	118	115	109	102	104	110	128	148	148
1919	142	150	156	145	144	160	168	168	162	160	163	156
1920	142	124	110	102	94	80	72	68	62	67	60	60
1921	58	57	58	58	60	60	59	65	72	78	70	68
1922	57	58	62	64	75	78	73	76	76	78	72	68
1923	64	66	76	76	79	72	71	75	80	65	75	98
1924	120	120	119	122	115	128	125	99	87	91	84	75
1925	75	73	75	76	74	70	65	59	62	58	48	60
1926	58	54	53	57	55	56	61	64	66	72	85	81
1927	88	90	93	96	93	97	98	97	94	89	85	77
1928	71	68	72	76	74							

Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 83.—Barley: Estimated average price per bushel received by producers United States, by months, 1909-1928

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Weighted average
<i>Average:</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1909-1913	60.1	60.0	60.5	60.5	60.9	62.4	63.3	63.6	64.6	64.7	63.0	59.4	60.8
1914-1920	88.1	85.7	84.3	84.4	85.7	88.5	91.9	95.6	98.8	99.1	94.8	90.8	87.2
1921-1925	58.2	56.1	57.3	57.3	58.1	59.8	60.5	61.1	61.2	61.8	61.1	60.7	58.6
1909	57.9	54.0	53.4	53.6	55.8	58.4	59.8	60.0	58.1	56.1	54.8	54.3	55.6
1910	56.0	56.6	56.7	56.6	58.8	62.0	63.6	66.0	71.6	73.0	72.0	69.7	60.8
1911	73.2	79.4	83.3	85.9	86.6	88.8	91.1	91.6	94.2	93.6	86.5	74.4	81.9
1912	60.2	64.2	64.3	62.2	60.2	50.6	50.2	48.8	48.4	50.5	53.2	52.2	62.7
1913	53.0	56.0	55.8	54.2	53.0	52.3	51.8	51.4	50.5	49.2	48.3	46.3	53.0
1914	48.8	52.2	51.8	53.0	54.3	58.6	65.3	66.2	64.2	62.9	58.9	56.2	54.8
1915	54.3	49.4	48.4	50.8	53.2	58.3	60.6	58.4	58.4	59.6	59.4	59.3	53.8
1916	66.1	74.7	79.8	85.6	87.6	89.9	94.8	99.6	111.2	119.7	113.0	110.6	83.4
1917	112.2	112.0	112.6	112.5	120.1	129.2	146.5	165.6	164.4	147.0	128.9	114.2	122.5
1918	105.4	98.2	95.2	93.3	91.5	89.0	86.1	89.0	98.3	106.6	108.8	113.6	100.0
1919	117.2	115.4	116.2	118.8	125.4	133.6	133.2	134.6	143.2	147.4	145.2	131.5	124.9
1920	113.0	98.1	86.4	76.5	67.8	60.8	57.0	55.6	51.8	50.4	51.1	50.0	70.7
1921	48.2	46.2	43.6	41.8	42.8	44.0	47.0	51.2	54.6	57.0	55.0	51.0	48.4
1922	47.7	46.2	40.2	52.0	55.6	56.8	56.2	58.0	59.6	60.8	58.3	54.7	51.8
1923	52.2	51.9	54.7	55.2	57.6	56.5	58.0	60.0	61.0	60.0	61.9	68.8	58.8
1924	75.7	75.6	81.4	79.7	76.2	82.4	84.8	81.5	76.1	75.9	76.4	73.5	77.1
1925	67.1	60.8	57.6	68.0	58.4	59.5	56.3	54.6	54.8	55.1	53.7	55.3	58.7
1926	55.0	52.9	54.4	56.0	56.4	58.0	61.3	62.2	64.1	68.4	76.3	71.4	59.4
1927	69.0	69.5	66.8	66.8	71.5	73.6	75.4	79.4	81.3	84.5	81.7	77.6	72.6
1928	58.9	54.1	55.2	54.5	55.0								

Compiled from reports of the Division of Crop and Livestock Estimates. Mean of prices reported on 1st of month and 1st of succeeding month, August, 1909-December, 1928.

TABLE 84.—Barley: Estimated average price per bushel received by producers, by States, December 1, 1866–1923

Year	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1866	71	83	86	88	80	88	74	70	76	79	74	47	71	63	77	47
1867	81	89	105	110	102	104	105	91	98	92	87	92	97	97	77	83
1868	94	109	107	116	119	94	132	115	122	109	117	101	116	100	85	92
1869	90	83	106	124	101	71	78	79	81	81	82	71	67	63	51	48
1870	89	96	91	97	86	92	76	99	82	77	75	56	72	60	48	57
1871	78	88	110	96	90	108	70	85	81	67	65	47	84	50	41	41
1872	74	81	76	67	80	80	72	81	78	63	61	49	72	50	37	37
1873	84	92	79	95	106	101	101	101	97	90	99	87	84	99	71	67
1874	84	92	91	92	101	106	106	108	90	99	99	87	104	90	75	69
1875	78	80	79	95	87	98	78	78	89	78	77	61	80	80	66	46
1876	69	79	81	82	82	84	76	76	78	71	72	46	71	60	58	41
1877	74	73	83	85	89	85	68	68	81	55	55	76	58	49	44	39
1878	71	69	68	75	85	70	70	70	80	72	89	53	64	58	41	33
1879	80	78	81	80	90	90	68	72	83	76	78	59	71	61	43	45
1880	79	79	75	88	83	83	83	84	84	78	81	70	73	62	58	52
1881	85	82	87	95	97	100	93	97	95	99	105	86	93	84	71	74
1882	85	87	86	90	85	90	80	82	80	75	75	96	75	56	47	48
1883	80	81	77	82	83	75	75	76	73	75	55	55	65	55	47	46
1884	73	76	67	85	86	75	66	68	66	61	57	51	57	47	35	35
1885	69	69	70	72	72	74	71	75	70	67	55	57	60	47	41	39
1886	65	68	63	70	71	62	61	61	60	56	57	52	58	48	42	45
1887	67	69	65	73	72	68	68	68	68	68	65	55	69	53	46	44
1888	69	68	66	74	76	71	70	70	65	64	63	63	66	60	57	55
1889	64	64	61	70	71	55	56	43	55	54	44	42	46	40	35	31
1890	70	81	70	77	76	70	78	65	70	70	65	60	63	58	55	52
1891	72	74	72	75	78	70	65	54	64	60	59	55	60	55	43	42
1892	68	74	66	75	82	76	75	47	57	57	52	49	60	50	42	33
1893	67	70	60	90	87	72	60	60	50	47	45	40	49	43	36	40
1894	66	63	60	63	72	56	56	48	48	48	45	48	50	45	41	42
1895	52	56	47	65	75	81	81	41	41	41	40	45	43	34	24	23
1896	43	53	41	58	60	39	39	40	38	33	31	42	27	20	21	21
1897	55	60	46	60	54	42	42	39	41	44	38	40	32	24	24	24
1898	56	58	47	66	61	48	48	44	44	44	44	39	44	40	33	34
1899	59	65	52	68	70	50	50	49	45	45	45	47	48	40	31	31
1900	62	67	52	69	77	51	51	50	43	47	47	47	47	44	38	37
1901	67	80	66	66	56	56	59	51	51	51	53	54	51	45	45	47
1902	68	75	61	61	55	55	54	49	46	44	44	44	52	46	37	36
1903	71	84	60	60	55	55	56	50	50	44	44	44	52	48	37	36
1904	71	75	66	66	57	57	56	52	48	43	43	43	43	32	30	30
1905	68	73	54	54	54	54	55	45	45	45	42	47	41	32	30	30
1906	65	64	62	62	55	55	55	46	46	46	42	49	45	35	35	35
1907	78	80	75	75	80	70	70	70	70	67	67	67	67	75	67	60
1908	81	80	70	70	70	70	63	64	65	65	65	65	62	58	49	51
1909	77	80	77	77	69	69	67	61	63	61	63	52	61	56	47	46
1910	76	77	68	68	70	70	63	60	56	56	56	56	58	64	60	56
1911	90	86	82	82	97	65	65	84	75	92	86	99	96	93	93	93
1912	77	84	80	80	68	68	68	55	60	63	65	55	41	52	51	52
1913	80	80	80	80	69	69	71	58	60	57	60	60	60	48	55	55
1914	81	82	75	75	71	71	70	59	67	61	65	62	53	55	55	55
1915	75	79	75	75	75	75	75	54	65	57	62	56	49	49	49	49
1916	104	90	100	101	101	101	101	75	80	75	103	91	105	87	91	91
1917	130	175	140	130	126	126	126	140	118	104	121	119	124	111	117	117
1918	149	150	153	126	126	126	126	93	104	90	100	92	80	80	85	85
1919	170	188	150	136	136	136	128	125	118	121	118	121	116	112	112	112
1920	138	146	120	99	99	99	99	82	87	82	87	84	62	63	63	63
1921	86	110	80	62	62	62	62	51	48	46	57	51	34	42	42	42
1922	100	98	97	74	74	74	74	65	65	58	58	65	57	47	49	49
1923	100	85	95	75	75	75	75	72	63	65	58	64	61	44	52	52
1924	108	105	103	91	91	92	90	85	77	75	80	78	69	70	69	70
1925	80	85	83	77	77	77	88	86	70	71	63	72	66	52	57	57
1926	92	85	85	75	75	75	85	80	62	66	58	65	65	51	56	56
1927	94	95	95	80	80	80	83	83	72	73	73	76	75	65	66	66
1928	110	110	110	78	78	78	86	84	60	59	53	70	65	50	50	54

146 STATISTICAL BULLETIN 29, U. S. DEPT. OF AGRICULTURE

TABLE 84.—Barley: Estimated average price per bushel received by producers, by States, December 1, 1866-1928—Continued

Year	Missouri		North Dakota ¹		South Dakota ¹		Nebraska	Kansas	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1866	72				58	65	70	70							128		95	97	130
1867	105				69	79	91	91	75	100	107	143	145	143	143		95	96	140
1868	129				105	73	81	91	74	138	93	141	100	149	124	106	124	106	130
1869	89				56	69	71	71	69	84	79	151	145	143	97	89	97	89	143
1870	75				58	67	83	81	72	78	55	85	87		94	67	94	67	
1871	56				41	63	72	81	72	63	58	90	180		70	65	70	65	99
1872	65				35	53	75	69	66	84	69	71	84		65	69	65	69	
1873	79				70	64	83	78	64	85	61	184	110		92	78	92	78	
1874	96				78	71	90	90		86	90	72	74		101	101	101	101	90
1875	82				39	50				65	78		165		78	70	78	70	
1876	60				29	41				41					77	77	82	82	
1877					26	32				68					64		64		
1878					33	31				75					87		87		
1879					37	43				80					81		81		
1880	75				42	54								62		82	62	62	
1881	98				55	75		110	110	90	115	120	125		80	108	108	137	
1882	65	55			42	53			80	80	69	80	105	100		69	68	110	
1883	50	40			37	40			75	80	80	80	90	100		69	71	100	
1884	60	37			33	33			70	70	75	95	100	105		60	72	110	
1885	52	37			33	34			68	65	55	110	110	109		67	62		
1886	48	38			31	36			63	50	67		95		52	65	65	93	
1887	50	40			37	43			73	55	75		77		52	57	52	57	
1888	58	50			52	53			64	61					66	60	66	60	
1889	35	37			30	32	43	43	45	53	50	43	60	43	52	55	52	55	43
1890	57	52	52		57	57	65	65	65	65	65	65	65	65	65	65	65	65	65
1891	57	42	41		37	40	54	54	62	54	54	54	54	54	54	54	54	54	54
1892	42	33	35		33	35	47	47	47	47	47	47	47	47	47	47	38	66	47
1893	40	31	33		31	47											51	55	
1894	51	36	35		43	49											47	56	
1895	48	20	19		24	23											38	50	
1896	25	21	19		19	22											40	45	
1897	40	27	22		24	25											40	59	
1898	36	29	27		25	27											40	56	
1899	42	33	29		30	27											43	64	
1900	45	35	31		33	33											55	62	
1901	55	40	42		41	45			52	47							71	70	
1902	55	36	38		33	38			49	54							56	61	
1903	54	36	33		33	34			50	57							63	65	
1904	62	28	32		31	37			64	61							65	64	
1905	44	30	29		31	32			48	55							44	57	
1906	48	33	32		31	33			47	56							55	60	
1907	57	58	61		50	54			00	62							75	70	
1908	63	46	47		46	54			65	60							72	73	
1909	68	43	45		43	53			64	71							76	79	
1910	60	55	57		45	45			61	67							65	80	
1911	75	85	88		60	60			60	70							79	90	
1912	66	35	42		42	40			68	75							75	80	
1913	60	40	46		49	55			64	70							78	70	
1914	65	45	50		47	47			66	80							77	82	
1915	63	44	46		42	42			70	75							77	75	
1916	93	80	83		75	77			73	85							90	100	
1917	94	100	110		98	115			130	139							115	144	
1918	115	73	78		85	95			120	160							140	152	
1919	130	108	115		100	100			123	130							157	180	
1920	98	56	52		50	45			110	100							115	110	
1921	65	29	29		28	29			67	72							61	100	
1922	72	39	42		47	45			75	80							85	80	
1923	78	38	40		44	49			80	80							84	100	
1924	82	62	64		63	65			93	105							101	110	
1925	95	43	47		64	58			87	97	110	120					95	110	
1926	80	46	52		58	61			80	90							86	96	
1927	95	59	58		55	55			87	87	95	110					91	100	
1928	80	43	48		51	50			85	85		120					91	110	

¹ Dakota Territory prior to Nov. 2, 1889.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 147

TABLE 84.—Barley: Estimated average price per bushel received by producers, by States, December 1, 1866-1928—Continued

Year	Mississippi	Arkansas	Louisiana	Oklahoma	Texas	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada	Washington	Oregon	California
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1866	145	104			87											
1867	107	143			79											
1868	104	156			161											108
1869	111	87			82											65
1870					119								112			98
1871	103	108	104		121								120			84
1872					89								150			108
1873					96								165			86
1874					78								125			78
1875					83								103			91
1876					76								90			69
1877																90
1878																65
1879																56
1880					67				90				90			61
1881					90				115				120			70
1882					80	100	90		02	100	95	85	90	68	60	67
1883					75	73	75		75	80	73	67	80	63	65	63
1884					70	60	60		57	70	55	45	80	45	47	52
1885					54	77	75		60	84	80	52	81	48	49	79
1886					90	46	48		62	85	90	49	68	69	52	65
1887					56	56	50		62	58	60	58	65	49	45	52
1888					45	65	67		70	62	65	50	75	55	55	58
1889					60	60	43	43	63	43	43	55	60	49	47	45
1890	43	43	43		65	74	75	59	76	65	80	75	75	68	70	75
1891	65	65	65		78	65	68	69	56	70	70	60	75	60	48	61
1892	54	54	54		65	66	33	67	54	65	47	52	60	45	46	47
1893	47	47	47		62	50	53		50	58	52	45	60	39	40	42
1894					55	40	47		58	70	75	46	51	32	33	46
1895					54	59	42		60	68	70	39	50	38	40	40
1896					50	55	22		46	65		42		40	46	48
1897					43	50	42		51	55		45		43	45	54
1898					50	57	48		46	55		47		45	49	65
1899					66	51	46		55	61		52		44	50	50
1900					72	48	50		50	62		55		39	42	43
1901					49	88	57	53	65	63	65	68	53	70	41	49
1902					42	72	51	53	75	60	71	91	59	80	46	52
1903					44	70	58	52	72	61	64	72	59	85	50	61
1904					40	73	62	63	57	57	90	93	57	72	49	60
1905					40	66	56	48	59	53	69	81	53	70	47	52
1906					33	61	56	50	64	54	63	76	54	69	49	52
1907					50	73	62	58	68	60	70	78	58	83	58	57
1908					58	78	61	53	65	65	79	85	54	77	58	74
1909					65	100	63	59	74	66	100	88	66	75	64	66
1910					54	90	62	50	67	60	80	90	60	70	57	62
1911					61	93	68	70	75	69	70	87	66	81	68	65
1912					50	78	53	51	62	50	71	87	59	87	53	55
1913					80	81	48	48	61	56	72	73	55	90	52	55
1914					53	70	53	50	64	55	75	60	50	65	52	61
1915					60	68	48	52	55	48	70	58	52	70	56	62
1916					100	80	76	82	87	82	100	108	76	95	84	80
1917					148	137	103	105	130	104	139	150	120	119	115	115
1918					124	130	100	130	130	113	110	130	140	164	115	136
1919					122	112	140	140	175	120	110	140	141	150	135	150
1920					72	75	65	75	110	75	75	140	100	165	100	100
1921					45	45	60	47	65	37	61	80	48	80	52	50
1922					55	65	50	65	60	59	95	85	55	100	74	74
1923					70	68	48	58	65	54	80	95	70	83	60	87
1924					70	76	69	82	72	72	60	88	87	110	85	100
1925					75	90	72	56	61	58	85	100	85	82	68	73
1926					58	53	64	60	62	55	65	85	72	85	65	58
1927					65	70	60	68	61	56	70	75	78	80	77	77
1928					65	73	56	63	61	54	75	80	73	80	70	92

Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 85.—Barley, No. 2: Weighted average price¹ per bushel, Minneapolis, by months, 1909-1928

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average ¹
Average:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1909-1913	59	63	63	63	63	69	66	66	67	65	61	60	64
1914-1920	95	92	93	95	99	103	105	111	112	111	102	100	102
1921-1925	63	62	63	64	64	66	68	67	69	68	67	68	66
1909	45	48	49	52	57	61	60	58	54	54	53	60	64
1910	61	63	63	66	70	77	74	81	88	75	77	87	74
1911	85	94	95	98	91	105	100	95	101	99	70	60	92
1912	46	49	50	47	45	49	48	46	46	50	52	48	48
1913	58	61	56	53	50	52	50	48	47	48	47	45	51
1914	59	58	55	59	57	68	75	70	70	70	66	68	65
1915	59	48	51	56	61	70	66	65	68	70	68	69	63
1916	81	81	103	111	107	117	117	121	136	148	138	149	117
1917	131	133	128	127	149	166	188	212	182	146	123	118	149
1918	102	95	91	94	92	90	87	93	109	113	112	121	100
1919	133	127	129	133	152	152	137	151	160	174	149	116	143
1920	102	99	92	82	74	69	65	67	61	59	67	62	74
1921	58	55	50	54	47	51	56	58	61	62	56	56	55
1922	49	54	57	60	61	57	60	59	64	61	58	59	58
1923	56	58	60	61	62	62	68	70	75	70	73	76	63
1924	80	81	85	81	87	93	94	88	81	84	84	84	84
1925	72	66	65	63	65	65	62	62	63	65	64	67	67
1926	63	62	65	64	67	69	71	72	77	88	88	81	71
1927	77	72	73	77	83	84	87	90	92	93	94	85	84
1928	65	63	63	62	62								

Compiled from Minneapolis Market Record.

¹ Average of daily prices weighted by car-lot sales.

TABLE 86.—Barley, No. 1 feed: Average price per bushel at San Francisco, by months, 1881-1928

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Average:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1889-1898	43	42	43	46	46	46	45	45	47	48	44	44	45
1899-1908	48	50	52	53	53	51	51	52	53	53	50	50	52
1909-1913	63	66	67	69	68	68	67	68	69	66	61	58	66
1914-1920					102	106	105	106					
1921-1925	71	73	77	78	79	80	78	75	73	71	69	72	76
1881	50	62	69	69	70	79	86	81	73	82	76	60	71
1882	61	62	64	68	65	58	58	66	58	55	56	45	60
1883	49	47	48	48	48	50	44	40	38	38	39	40	44
1884	40	39	41	44	45	44	43	45	48	60	60	56	47
1885	61	61	66	66	62	63	61	60	65	62	42	42	59
1886	42	43	46	49	51	54	50	49	52	53	51	50	49
1887	46	44	40	41	42	40	38	38	38	42	38	37	40
1888	37	38	38	40	38	38	39	38	34	31	30	33	36
1889	33	34	34	39	38	39	37	38	44	49	48	55	41
1890	61	64	67	72	71	72	70	66	68	72	67	64	67
1891	53	51	51	53	53	53	48	48	49	48	45	44	50
1892	44	41	41	42	41	39	39	40	41	42	40	39	41
1893	34	34	33	35	35	36	37	36	48	50	43	41	38
1894	40	38	38	41	40	39	37	37	34	31	29	29	36
1895	29	27	29	31	32	34	34	34	35	36	35	34	32
1896	31	31	38	40	42	40	37	36	33	35	35	37	36
1897	45	45	41	41	42	44	49	53	65	62	56	58	60
1898	56	57	58	61	63	62	61	60	53	51	46	45	56
1899	41	40	42	40	37	35	35	38	35	34	35	35	37
1900	36	35	35	35	35	36	36	36	36	36	35	35	36
1901	35	35	35	36	37	41	45	44	46	48	48	45	41
1902	45	51	57	58	59	57	57	56	53	52	48	50	54
1903	52	55	54	55	54	54	54	53	53	51	49	49	53
1904	51	52	53	53	54	57	58	59	59	59	51	46	54
1905	48	50	56	57	59	48	46	46	47	47	45	46	54
1906	47	49	53	54	53	48	50	56	58	60	60	59	67
1907	61	65	72	76	74	70	64	64	66	69	63	64	69
1908	63	63	66	69	69	67	67	70	75	78	72	70	69
1909	67	66	67	70	72	68	69	67	59	53	50	50	63
1910	49	49	48	47	51	54	55	61	70	69	63	62	56

¹ New barley.

TABLE 86.—*Barley, No. 1 feed: Average price per bushel at San Francisco, by months, 1881-1928—Continued*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1911	72	77	83	92	88	92	91	88	92	89	78	65	84
1912	62	70	70	71	68	64	64	64	68	71	67	63	67
1913	63	66	66	64	63	63	58	58	55	50	48	48	58
1914	55	58	54	59	64	77	78	72	64	62	55	59	63
1915	64	59	62	61	62	66	66	65	65	65	64	71	64
1916	82	83	97	110	108	107	107	108	129	127	102	105	106
1917	117	116	117	120	123	140	161	175					
1918					106	106	94	103	118	120	129	147	
1919	151	142	146	159	169	173	166	160	150	160	152	127	154
1920	112	106	97	100	78	70	61	62	55	59	61	57	76
1921	56	58	59	61	61	61	62	64	67	65	60	57	61
1922	56	56	66	71	72	76	77	77	80	72	61	61	69
1923	62	71	72	72	72	72	75	77	81	86	88	105	78
1924	105	107	115	113	113	117	113	101	79	81	80	74	100
1925	75	75	72	75	78	73	62	56	56	54	58	62	66
1926	59	56	58	61	61	62	63	67	72	78	84	85	67
1927	90	90	94	95	97	99	104	102	93	89	84	77	93
1928	79	73	78	76	76								

Compiled from annual reports as follows: August, 1881-June, 1886, San Francisco Chamber of Commerce; July, 1886-December, 1900, San Francisco Produce Exchange; January, 1901-June, 1911, San Francisco Merchants Exchange; July-December, 1911, the Pacific Rural Press; 1912-1921, San Francisco Chamber of Commerce, and 1922 to date, Pacific Rural Press. Quotations converted from price per cental to price per bushel of 48 pounds.

TABLE 87.—*Barley: Weighted average cash price¹ per bushel, Chicago, by months, January, 1921-July, 1927*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1920						72	64	70	64	69	65	66	
1921	64	59	53	53	54	58	62	64	63	68	61	62	60
1922	56	58	66	66	68	63	66	67	66	68	65	65	64
1923	61	62	66	63	66	68	72	74	77	75	77	80	69
1924	82	84	89	84	89	96	97	89	85	87	87	84	87
1925	78	71	72	70	71	72	69	67	68	70	70	72	72
1926	62	63	66	63	68	70	72	71	78	87	88	77	68

Compiled from the Chicago Daily Trade Bulletin.

¹ For barley sold by sample. These prices were not quoted after July, 1927, when official grades went into effect.

TABLE 88.—*Barley, malting: Wholesale price per bushel, Chicago, by months, 1869-1928*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Average:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1900-13	78	81	82	83	84	86	84	85	87	85	80	79	83
1914-20	99	99	97	99	102	106	108	114	114	114	105	102	105
1921-25	70	69	71	69	72	72	75	73	74	74	72	74	72
1869			64	48	49	43	37	38	43	48	49	53	
1870	84	87	70	66	56	65	64	62	68	57	54	55	66
1871	52	53	48	47	51	49	51	47	48	51	46	44	49
1872	48	56	49	51	52	59	58	61	64	66	49	51	55
1873	78	97	101	91	108	136	158	141	136	105	97	90	112
1874	85	85	94	110	112	114	106	96	112	117	108		
1875	88	78	61	56	54	49	38	37	40	40	37	33	51
1876	42	48	45	41	38	35	33	31	38	42	38	40	89
1877	40	38	40	38	39	35	36	34	35	36	34	40	37
1878	44	41	45	38	30	38	37	37	36	41	42	45	40
1879	40	41	44	46	55	53	52	51	55	56			
1880	60	59	57	66	75	78	78	85	91	88			
1881	75	83	91	93	92	88	79	80	90	95			

TABLE 88.—*Barley, malting: Wholesale price per bushel, Chicago, by months, 1869-1928—Continued*

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1882		61	56	53	50	52		51	54	55	47		
1883	52	45	43	44	44	48	52						
1884		42	41	41	41	47	46						
1885			41	42	43	44	42	43	43				
1886	55	45	40	42		46	46				38		
1887						77	72	72	64	61	47	46	
1888	55	58	61	60	58	56	50	49	52	49	40	38	52
1889	46	47	44	41	39	39	40	40	44	44	40	44	42
1890	58	63	66	68	63	68	68	69	76	73	64	56	66
1891	57	50	49	51	50	50	48	48	51	54	49	47	50
1892	51	54	52	53	53	54	53	52	52	51	41	40	50
1893	35	45	47	46	44	47	48	52	54	54	52	47	48
1894	51	53	52	53	51	53	54	52	50	50	50	41	51
1895	38	35	32	32	30	30	31	31	31	32	29	26	31
1896	27	28	31	31	30	29	29	28	30	30	30	31	30
1897	33	37	35	39	37	39	38	41	45	50	41		
1898	42	42	43	47	49	51	50	48	47	41	41	40	45
1899	40	42	44	43	42	43	42	41	44	43	43	47	43
1900	46	52	59	59	60	60	60	57	57	57	54		
1901	61	60	59	60	62	63	63	65	67	71	69	72	64
1902	62	60	56	57	56	56	54	53	52	54	54	52	56
1903	54	59	58	58	56	57	57	55	56	56	57	51	56
1904	51	52	48	50	48	47	46	47	48	49	49	50	49
1905	46	49	49	51	50	50	49	50	51	52	55	50	50
1906	49	51	52	52	54	54	59	69	71	78	74	66	61
1907	70	91	103	87	97	100	89	89	83	72	60	69	84
1908	66	64	60	63	63	64	65	67	66	72	80	72	67
1909	65	64	63	65	68	73	71	69	65	65	65	71	67
1910	70	72	75	80	86	94	92	102	111	107	101	112	92
1911	113	120	122	124	122	132	129	130	135	128	112	99	122
1912	72	72	73	71	71	69	67	65	65	66	65	61	68
1913	71	79	77	75	73	62	60	58	58	58	57	53	65
1914	62	70	65	68	66	74	84	78	78	78	73	74	72
1915	66	56	58	61	68	76	74	72	73	75	75	75	69
1916	90	103	105	115	109	118	117	122	134	145	133	139	119
1917	130	132	131	128	147	153	185	203	172	141	119	112	146
1918	99	101	96	96	95	96	90	98	113	118	119	127	104
1919	137	128	130	140	154	149	139	152	166	172	152	121	145
1920	108	101	92	87	78	75	69	71	64	66	64	64	78
1921	63	61	55	55	55	58	63	64	64	68	61	64	61
1922	57	59	66	68	69	65	67	66	67	67	64	65	65
1923	62	65	68	68	68	70	74	75	80	76	78	83	72
1924	85	87	91	86	94	97	100	92	88	88	88	88	90
1925	81	75	74	72	72	72	70	66	69	69	68	72	72
1926	65	67	71	71	74	74	78	78	83	90	92	79	77
1927	80	83	82	84	88	93	96	99	101	104	96	83	91
1928	73	67	62	55	57								

Compiled from Annual Reports Chicago Board of Trade, average of weekly quotations, 1869-1889; subsequently from Bureau of Labor Statistics Wholesale Price Bulletins, quoted as follows: October, 1869-October, 1897, No. 3; November, 1897-December, 1913, Choice to Fancy Malting by sample; January, 1914-September, 1927, Fair to Good Malting; subsequently as feeding, but, as quality remained unchanged, no change was made in comparative prices.

TABLE 89.—*Barley, English, Good Malting: Price per bushel, London, by months, 1924-1928*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1924		172	183	193	144	187	148	128	123	122	114	112
1925	130		128	130	123	113	99	89	98	108	111	108
1926	134	130	124	114	110	115	120	120	120	120	129	129
1927	141	148	147	143	134	133	134	122	120	119	116	116
1928	137	133	130	134	134							

TABLE 90.—Grain sorghums: Estimated acreage, yield per acre, production, total farm value, and value per acre, by States and United States, 1919-1928¹

State and year	For grain			For forage			For all purposes			Equivalent value, Dec. 1—	
	Acreage	Yield per acre	Production	Acreage	Yield per acre	Production	Acreage	Equivalent yield per acre	Equivalent production on total acreage	Based on total acreage	Per acre
	1,000 acres	Bush.	1,000 bush.	1,000 acres	Short tons	1,000 short tons	1,000 acres	Bush.	1,000 bush.	1,000 dollars	Doll.
Missouri:											
1919	20	23.0	460	28	4.00	112	48	23.0	1,104	1,877	39.10
1920	24	30.0	720	28	4.00	112	52	30.0	1,560	2,490	48.00
1921	24	23.0	552	31	3.70	115	55	23.0	1,265	1,912	38.40
1922	30	20.0	600	35	3.00	105	65	20.0	1,300	1,105	17.00
1923	28	21.0	588	35	3.00	105	63	21.0	1,323	1,323	21.00
1924	36	15.0	540	38	3.00	114	74	15.0	1,110	1,276	17.24
1925	46	15.0	690	48	3.25	156	94	15.0	1,410	1,410	15.00
1926	46	18.0	828	48	3.10	149	94	18.0	1,692	1,354	14.40
1927	55	24.0	1,320	58	4.50	261	113	24.0	2,712	2,034	18.00
1928	66	23.5	1,551	33	3.00	99	99	22.0	2,178	1,742	17.60
Nebraska:											
1919	20	19.0	380				20	19.0	380	570	28.50
1920	18	21.0	378				18	21.0	378	378	21.00
1921	15	22.0	330				15	22.0	330	132	8.80
1922	20	18.0	360				20	18.0	360	266	13.30
1923	26	25.6	666				26	25.6	666	586	22.54
1924	25	18.0	450				25	18.0	450	409	16.38
1925	20	15.0	300				20	15.0	300	225	11.25
1926	22	10.6	233				22	10.6	233	186	8.45
1927	3	23.5	70	27	3.00	81	30	23.5	705	564	18.80
1928	2	20.2	40	22	2.70	59	24	20.2	485	412	17.17
Kansas:											
1919	521	30.0	15,630	519	2.50	1,298	1,040	17.2	17,888	26,832	25.80
1920	944	28.5	26,904	314	2.84	892	1,258	22.0	27,676	19,096	15.18
1921	680	28.0	19,040	227	2.61	592	907	21.4	19,410	6,599	7.28
1922	796	25.0	19,900	265	2.19	580	1,061	19.5	20,690	15,311	14.43
1923	1,358	20.7	28,111	340	2.23	758	1,098	17.0	28,866	23,670	13.94
1924	1,130	21.4	24,182	194	2.15	417	1,324	18.8	24,891	19,913	15.36
1925	1,092	20.7	22,604	364	2.17	790	1,456	16.0	23,066	16,540	11.50
1926	1,078	18.0	19,398	269	1.77	476	1,345	15.0	20,175	12,105	9.00
1927	1,315	23.0	30,245	232	2.90	673	1,547	21.0	32,487	19,492	12.60
1928	1,091	22.6	24,657	193	3.50	676	1,284	22.3	28,633	17,466	13.60
Oklahoma:											
1919	1,280	23.0	29,440	650	1.90	1,235	1,930	21.0	40,530	60,795	31.50
1920	1,350	26.0	35,100	700	2.00	1,400	2,050	24.0	49,200	29,520	14.00
1921	1,240	21.0	26,040	690	1.70	1,173	1,930	19.0	36,670	11,001	5.70
1922	1,120	13.5	15,120	580	1.10	638	1,700	12.5	21,250	17,000	10.00
1923	1,150	12.0	13,800	560	1.00	560	1,710	11.0	18,810	17,305	10.12
1924	1,011	20.0	20,220	586	1.60	938	1,597	18.0	28,746	22,134	13.86
1925	1,053	13.5	14,216	692	1.10	761	1,745	12.5	21,812	16,359	9.37
1926	1,158	21.0	24,318	659	1.70	1,120	1,817	19.0	34,523	15,535	8.55
1927	1,221	22.0	26,862	523	1.80	941	1,744	20.0	34,880	17,440	10.00
1928	1,245	19.0	23,655	464	1.90	882	1,709	18.0	30,762	19,072	11.16
Texas:											
1919	1,500	33.0	49,500	1,110	2.20	2,442	2,610	31.0	80,910	89,001	34.10
1920	1,510	32.0	48,320	1,165	2.20	2,563	2,675	30.0	80,250	97,102	36.30
1921	1,580	29.0	45,820	1,200	2.10	2,520	2,780	27.0	75,060	30,775	11.07
1922	1,240	20.0	24,800	1,050	1.80	1,890	2,290	19.0	43,510	43,510	22.00
1923	1,410	22.0	31,020	975	1.90	1,852	2,385	21.0	50,085	52,589	22.05
1924	1,300	22.0	28,600	1,174	1.90	2,231	2,474	21.0	51,954	45,200	18.27
1925	1,625	19.0	30,875	1,173	1.70	1,994	2,798	18.0	50,364	38,277	13.68
1926	1,788	27.0	48,276	1,066	1.90	2,025	2,854	25.0	71,350	39,242	13.75
1927	1,486	23.0	34,178	1,168	2.00	2,336	2,654	21.0	55,734	36,227	13.65
1928	1,490	27.0	40,230	1,270	2.10	2,667	2,760	25.0	69,000	41,400	15.00
Colorado:											
1919	92	16.7	1,536	101	1.30	248	283	16.0	4,528	5,434	19.20
1920	70	17.0	1,190	212	1.30	276	282	15.0	4,230	3,553	12.60
1921	80	14.0	1,120	185	1.20	222	265	13.0	3,445	1,791	6.76
1922	60	15.0	900	187	1.20	224	247	14.0	3,458	2,421	9.80
1923	80	20.0	1,600	240	1.60	384	320	18.0	5,760	4,008	14.40
1924	50	9.0	450	183	1.00	183	233	8.0	1,864	1,678	7.80
1925	50	12.0	600	196	1.20	235	246	11.0	2,706	1,921	7.21
1926	47	9.0	423	180	.50	90	227	5.0	1,135	681	3.00
1927	60	13.0	780	224	1.60	358	284	10.0	2,840	1,846	6.50
1928	102	12.0	1,224	164	1.50	231	256	10.5	2,688	1,613	6.30

¹ Values based on Dec. 1 prices.

TABLE 90.—Grain sorghums: Estimated acreage, yield per acre, production, total farm value, and value per acre, by States and United States, 1919-1928—Con.

State and year	For grain			For forage			For all purposes			Equivalent value, Dec. 1--	
	Acreage	Yield per acre	Production	Acreage	Yield per acre	Production	Acreage	Equivalent yield per acre	Equivalent production on total acreage	Based on total acreage	Per acre
New Mexico:	<i>1,000 acres</i>	<i>Bush.</i>	<i>1,000 bush.</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 acres</i>	<i>Bush.</i>	<i>1,000 bush.</i>	<i>1,000 dollars</i>	<i>Dolls.</i>
1919.....	158	25.0	3,950	121	1.40	169	279	23.0	6,417	8,342	20.00
1920.....	150	24.6	3,838	104	2.00	208	200	24.0	6,240	6,178	23.76
1921.....	134	25.0	3,350	80	2.10	187	223	23.0	5,129	2,062	0.20
1922.....	158	11.0	1,738	52	1.40	73	210	9.0	1,800	1,512	7.20
1923.....	205	18.0	3,690	50	2.10	124	264	16.0	4,224	3,802	14.40
1924.....	135	20.0	2,700	103	2.00	206	238	20.0	4,780	4,700	20.00
1925.....	90	20.0	1,800	63	2.00	126	153	18.0	2,754	1,700	11.70
1926.....	119	22.0	2,618	76	2.00	152	195	21.0	4,005	1,638	8.40
1927.....	84	19.2	1,613	87	1.50	130	171	14.0	2,304	1,915	11.20
1928.....	150	19.0	2,850	38	1.50	57	188	18.0	3,384	2,300	10.80
Arizona:											
1919.....	34	30.0	1,020	29	2.00	58	63	28.0	1,764	2,646	42.00
1920.....	24	26.0	624	20	1.90	38	44	24.0	1,056	1,045	23.75
1921.....	40	30.0	1,200	30	2.00	60	70	28.0	1,960	1,176	16.80
1922.....	30	30.0	900	25	2.00	50	55	28.0	1,540	1,232	22.40
1923.....	35	34.0	1,190	25	2.10	52	60	32.0	1,920	1,920	32.00
1924.....	30	20.0	600	10	1.50	15	40	18.0	720	936	23.40
1925.....	30	22.0	660	10	1.60	16	40	20.0	800	528	13.20
1926.....	35	32.0	1,120	5	2.20	11	40	31.0	1,240	744	18.00
1927.....	40	31.0	1,240	10	2.00	20	50	31.0	1,550	1,162	23.24
1928.....	40	30.0	1,200	12	2.00	24	52	20.0	1,508	1,206	23.19
California:											
1919.....	168	25.5	4,284	.....	.....	.....	168	25.5	4,284	6,597	30.27
1920.....	150	27.0	4,050	.....	.....	.....	150	27.0	4,050	4,252	28.35
1921.....	140	31.0	4,340	.....	.....	.....	140	31.0	4,340	3,038	21.70
1922.....	130	32.0	4,160	.....	.....	.....	130	32.0	4,160	4,160	32.00
1923.....	135	33.0	4,455	.....	.....	.....	135	33.0	4,455	4,455	33.00
1924.....	84	30.5	2,562	.....	.....	.....	84	30.5	2,562	3,450	41.18
1925.....	88	34.0	2,992	.....	.....	.....	88	34.0	2,992	3,201	36.38
1926.....	96	32.0	3,072	.....	.....	.....	96	32.0	3,072	2,580	26.88
1927.....	130	31.2	4,056	.....	.....	.....	130	31.2	4,056	3,934	30.26
1928.....	125	33.0	4,125	.....	.....	.....	125	31.0	3,875	3,488	27.00
United States:											
1919.....	3,793	28.0	106,200	2,648	2.10	5,562	6,441	24.5	157,805	202,094	31.38
1920.....	4,246	28.5	121,124	2,543	2.16	5,489	6,789	25.7	174,640	163,020	24.10
1921.....	3,933	25.9	101,792	2,452	1.99	4,869	6,385	23.1	147,600	57,576	9.02
1922.....	3,584	19.1	68,478	2,104	1.62	3,560	5,778	17.0	98,158	86,517	14.97
1923.....	4,427	19.2	85,120	2,234	1.72	3,835	6,601	17.4	116,109	110,258	16.55
1924.....	3,801	21.1	80,304	2,288	1.79	4,104	6,089	19.2	117,057	90,765	16.38
1925.....	4,094	18.3	74,737	2,546	1.60	4,078	6,640	16.0	106,434	80,251	12.00
1926.....	4,387	22.9	100,250	2,303	1.75	4,023	6,090	20.6	137,515	74,065	11.07
1927.....	4,394	22.8	100,364	2,329	2.06	4,800	6,723	20.4	137,358	84,614	12.59
1928.....	4,311	23.0	99,282	2,186	2.16	4,718	6,497	21.9	142,533	88,429	13.61

Compiled from records of the Division of Crop and Livestock Estimates.

TABLE 91.—Grain sorghums: Estimated condition of crop on specified dates, 1906-1928

Year	July 1	Aug. 1	Sept. 1	Oct. 1 ¹	Year	July 1	Aug. 1	Sept. 1	Oct. 1
	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>		<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>
1906.....	90.2	91.3	92.4	.....	1918.....	78.7	65.8	50.1	49.0
1907.....	84.8	85.6	83.1	.....	1919.....	91.1	90.4	88.0	86.3
1908.....	85.3	86.5	85.1	.....	1920.....	89.5	87.5	91.0	94.7
1909.....	89.4	85.0	72.8	.....	1921.....	88.9	88.5	84.6	85.3
1910.....	82.7	71.1	79.2	.....	1922.....	87.2	70.3	65.5	64.9
1911.....	64.5	72.9	74.4	.....	1923.....	85.3	74.7	64.6	67.5
1912.....	89.4	85.0	85.4	.....	1924.....	77.3	76.5	80.9	83.9
1913.....	84.7	73.1	57.9	.....	1924.....	79.9	66.0	69.3	70.9
1914.....	90.5	84.4	84.5	.....	1926.....	84.4	86.4	83.5	83.6
1915.....	87.1	89.1	90.8	90.5	1927.....	.....	81.3	82.5	84.0
1916.....	83.2	73.1	62.3	65.2	1928 ².....	.....	84.3	78.1	76.6
1917.....	69.8	58.2	70.8	67.8					

Compiled from records of the Division of Crop and Livestock Estimates. Percentage of normal condition on the given date, normal condition being a condition which with favorable subsequent influences upon the crop may be expected to produce a full crop.

¹ Estimated condition not reported prior to 1915.

² Preliminary.

STATISTICS OF OATS, BARLEY, AND GRAIN SORGHUMS 153

 TABLE 92.—*Grain sorghums: 1 Receipts at Kansas City, by months, 1909-1928*

[In thousands of bushels—i. e., 000 omitted]

Year beginning November	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Average:													
1909-1913	177	272	289	229	115	92	87	87	42	22	26	47	1,484
1914-1920	147	480	628	509	475	371	318	302	231	134	83	83	3,762
1921-1925	310	585	491	455	343	264	228	287	170	100	64	72	3,371
1909	106	50	125	150	161	45	32	20	12	8	5	4	718
1910	107	287	224	179	86	52	71	56	30	42	19	62	1,215
1911	202	323	255	410	191	198	186	121	75	46	62	103	2,172
1912	446	645	610	333	111	151	129	223	90	11	33	26	2,808
1913	22	53	133	72	25	15	16	15	3	1	9	42	406
1914	311	719	661	618	189	486	252	186	206	204	112	130	4,074
1915	367	1,116	1,200	936	866	682	625	256	202	104	85	24	6,463
1916	79	199	192	274	72	45	38	9	8	8	6	6	936
1917	88	278	464	385	506	322	98	107	40	29	9	7	2,333
1918	51	163	153	168	384	329	375	95	160	65	87	80	2,110
1919	22	233	745	721	741	449	540	817	768	235	160	123	5,554
1920	112	654	980	463	569	287	301	644	234	293	120	209	4,866
1921	263	350	471	537	392	312	199	212	150	84	35	120	3,125
1922	168	444	420	233	169	139	76	50	69	35	19	18	1,840
1923	195	360	465	579	398	340	274	262	250	106	63	103	3,385
1924	647	1,152	683	636	497	320	301	440	221	183	65	24	5,172
1925	279	629	416	290	261	211	290	409	162	94	136	97	3,334
1926	397	493	626	442	203	216	192	241	249	285	79	112	3,625
1927	410	905	696	510	592	392	323	343	224	87	51	236	4,778
1928	449	675											

Bureau of Agricultural Economics. Compiled from annual statistical reports of Kansas City Board of Trade, 1909-1926.

1 Includes kafir, milo, and feterita.

 TABLE 93.—*Official grade requirements for grain sorghums in the United States*

Grade	Condition and general appearance	Minimum test weight per bushel	Maximum limits of—						
			Moisture content	Damaged kernels		Other grains		Foreign material and cracked kernels	
				Total	Heat damaged (grain sorghums or other grains)	Total	Non-grain sorghums	Total	Sand, dirt, and finely broken kernels
No. 1.	Shall be cool and of natural odor and good color.	Pounds 55	Per cent 14	Per cent 2	Per cent 0.2	Per cent 3	Per cent 1	Per cent 3	Per cent 0.5
No. 2.	Shall be cool and of natural odor and may be slightly discolored.	53	15	5	.5	5	3	6	1.0
No. 3.	Shall be cool and of natural odor and may be discolored.	51	16	10	1.0	7	5	10	2.0
No. 4.	Shall be cool and may be musty, sour, or badly discolored.	49	18	15	3.0	10	10	15	3.0

Department of Agriculture Handbook of Official Grain Standards, revised January, 1920, p. 63. Sample grade: Shall be white kafir, kafir, yellow milo, milo, white durra, durra, feterita, darso, freed sorgo, brown kaoliang, schrock kafir, or shallu, respectively, which does not come within the requirements of any of the grades from Nos. 1 to 4, inclusive, or which has any commercially objectionable foreign odor, or is heating, hot, or otherwise of distinctly low quality.

1 Grade No. 1 for white kafir and white durra shall consist of 95 per cent or more of white kernels, including other classes and nongrain sorghums. Grade No. 1 for yellow milo shall consist of 95 per cent or more of yellow kernels, including other classes and nongrain sorghums.

TABLE 95.—*Kafir*: Estimated average price per bushel received by producers, principal producing States, by months, November, 1916–December, 1925

TEXAS

Year beginning November	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1916	110	105	115	130	159	150	200	200	220	280	175	175
1917	195	185	200	230	200	250	255	200	170	190	175	165
1918	150	155	150	160	155	170	170	170	190	170	127	130
1919	110	140	135	140	130	145	145	160	130	140	129	86
1920	121	108	90	75	100	77	65	77	55	68	70	55
1921	41	31	44	45	65	65	59	62	68	100	77	97
1922	100	100	96	97	110	124	88	93	136	115	103	109
1923	105	95	100	98	100	100	100	95	99	113	100	110
1924	87	94	93	105	110	126	130	107	143	128	109	100
1925	76	75										

COLORADO

1916	90			150			230	240				175
1917			225			175	245	270		185		
1918	146	140	131	140	140	140	150	160	190	180	150	160
1919	120	130		120	130	110	150	130	130	110	120	108
1920	84	46	48	48	40	45	48	55	48	50	48	48
1921	52	46	38	50	53	60	62	65	60	70	56	60
1922	70	75			100	88	90	130	98		78	76
1923	80	70	70		72	72	68	65	70	75	80	88
1924	90	87	115	114	93	100	100	100	84	100		68
1925	82	77										

NEW MEXICO

1916		90	150		130	115	170	200		250		
1917	180		150	185		210	190	190		200		
1918	150	160				150	160	150			217	150
1919	130	110			90	120	140	150	120	140	125	112
1920	99	78	50	75	60	40	44	60	45	45	40	40
1921	40	40	35	45	50	60	56	56	58	64	75	80
1922	80	90	80		84	84	85		95	98	72	90
1923	90		80	87	85	85	85	70	90	105	100	
1924	100	110		96		123	100	100	100	135	111	95
1925	64	66										

CALIFORNIA

1916	112	120		120							170	160
1917			185	175		190			200	210	200	162
1918			140	155		140			170	170	180	160
1919	170	180		190	190	190	210	210	180	180	180	150
1920	125	100	84	84	84	84	84	84	84	84	78	74
1921	70	70	70	70	70	90	90	84	90	84	91	98
1922	98	98	110	108	116	113	120	123	113	115	96	110
1923	100	100	102	100	100	100	100	110	110	140	145	140
1924	135	125	130	145	140	118	160	140	164	134	154	112
1925	110	103										

Compiled from reports of the Division of Crop and Livestock Estimates, discontinued after December, 1925.

TABLE 96.—Kafir, No. 2 White: Weighted average price¹ per bushel of reported cash sales, Kansas City, 1909-1928

Year beginning November	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Weighted average ¹
Average:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1909-1913.....	66	64	70	.....	69	.....	77	.....	.....	.....	.....	.....	.....
1914-1920.....	118	114	113	114	115	117	124	123	132	142	130	120	122
1921-1925.....	.....	77	.....	81	79	80	80	86	93	.....	.....	.....	.....
1909.....	67	73	86	80	77	74	82	84	86	101	100	67	81
1910.....	63	54	54	52	53	53	59	69	80	75	71	68	63
1911.....	59	55	67	(²)	72	80	81	70	91	94	76	63	73
1912.....	55	48	48	46	45	46	49	62	61	79	86	85	59
1913.....	88	91	96	96	99	(²)	112	(²)	(²)	(²)	(²)	(²)	.....
1914.....	58	64	74	77	72	66	64	67	65	61	58	59	66
1915.....	51	55	55	54	52	59	59	62	68	88	96	103	67
1916.....	131	118	136	139	149	178	212	188	224	251	243	207	181
1917.....	160	182	186	207	215	189	164	148	170	190	190	183	184
1918.....	166	146	146	151	143	150	166	192	197	202	135	131	160
1919.....	150	164	139	122	129	133	148	141	132	136	125	101	135
1920.....	78	66	55	51	48	45	58	63	68	63	63	57	59
1921.....	48	50	50	72	74	67	72	77	93	96	111	102	76
1922.....	100	91	89	90	93	96	99	94	84	83	(²)	(²)	.....
1923.....	(²)	71	(²)	68	67	73	62	85	94	(²)	113	89	.....
1924.....	88	98	109	103	93	92	97	105	113	116	107	100	101
1925.....	82	77	77	72	68	70	69	70	79	76	74	71	73
1926.....	64	64	63	63	65	69	79	102	110	97	(²)	70	.....
1927.....	69	71	74	81	88	90	92	92	92	83	89	83	82
1928.....	78	74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Bureau of Agricultural Economics. Compiled from Kansas City Grain Market Review, formerly Daily Price Current. Quoted per 100 pounds; converted to bushels of 56 pounds.

¹ Average of daily prices weighted by car-lot sales.

² No quotations.

TABLE 97.—Kafir and milo, all classes and grades: Weighted average price¹ per bushel of reported cash sales, Kansas City, by months, 1921-1928

Year beginning November	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Weighted average ¹
1921.....	51	54	53	73	76	69	74	79	90	101	109	105	68
1922.....	104	94	92	92	94	97	100	96	88	86	104	108	94
1923.....	81	68	69	67	66	64	62	81	97	104	108	100	74
1924.....	90	99	109	99	95	96	100	108	114	116	110	97	102
1925.....	82	77	78	72	69	71	69	71	79	74	70	71	74
1926.....	64	63	63	64	62	66	80	100	110	94	86	73	65
1927.....	68	70	75	81	90	91	92	92	91	84	89	76	82
1928.....	69	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Compiled from Kansas City Grain Market Review.

¹ Average of daily prices weighted by car-lot sales.

