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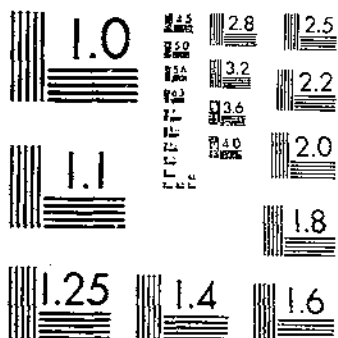
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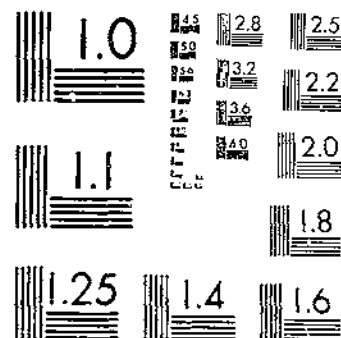
COMMODITY FUTURES STATISTICS, JULY 1969 - JUNE 1970

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UNITED STATES DEPARTMENT OF AGRICULTURE
COMMODITY EXCHANGE AUTHORITY

COMMODITY FUTURES STATISTICS

JULY 1969 - JUNE 1970

REFERENCE
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U.S. DEPARTMENT OF AGRICULTURE

JULY 1971

U.S. DEPARTMENT OF AGRICULTURE



STATISTICAL BULLETIN NO. 464

CONTENTS

Page

Introduction 1

VOLUME OF TRADING

Table 1. Annual volume of trading on each contract market, 1960-61 to 1969-70 5
 Table 2. Monthly volume of trading on all contract markets combined, by commodities, 1965-66 to 1969-70 8
 Table 3. Monthly volume of trading on each contract market, July 1969 to June 1970 10
 Table 4. Monthly volume of trading on principal markets, by future, July 1969 to June 1970 12
 Table 5. Largest annual, monthly, and daily volume of trading on principal markets, from date trading data available through June 30, 1970 16
 Table 6. Largest monthly and daily volume of trading on principal markets during the year, July 1969 to June 1970 17
 Table 7. Estimated number of transactions in terms of contract units, one side only, regulated commodities, all contract markets combined, 1960-61 to 1969-70 18
 Table 8. Estimated value of futures trading in regulated commodities, all contract markets combined, 1960-61 to 1969-70 19

OPEN CONTRACTS

Table 9. Number of monthend open contracts, in terms of contract units, all contract markets combined, regulated commodities, 1960-61 to 1969-70 20
 Table 10. Annual average of monthend open contracts on each contract market, 1960-61 to 1969-70.. 21
 Table 11. Monthend open contracts on all contract markets combined, by commodities, 1965-66 to 1969-70 24
 Table 12. Monthend open contracts on each contract market, July 1969 to June 1970 26
 Table 13. Midmonth and monthend open contracts on principal markets, by future, July 1969 to June 1970 28
 Table 14. Maximum open contracts on principal markets for long-time periods, and during the year, July 1969 to June 1970 36

FUTURES PRICES

Table 15. Highest and lowest prices of futures on principal markets, by date and future, for long-time periods ending June 30, 1970 37
 Table 16. Closing prices on principal markets, by future, semimonthly, July 1969 to June 1970 ... 38
 Table 17. Highest and lowest prices of futures on principal markets, by date and future, during the year, July 1969 to June 1970 44

CONTRACTS SETTLED BY DELIVERY

Table 18. Contracts settled by delivery on each contract market, years beginning July 1960-61 to 1969-70 45
 Table 19. Contracts settled by delivery on each contract market, by future, July 1969 to June 1970 47

COMMITMENTS OF REPORTING TRADERS

Table 20. Annual average of midmonth and monthend long and short commitments of reporting and nonreporting traders, principal markets, 1960-61 to 1969-70 49
 Table 21. Long and short commitments of reporting and nonreporting traders, principal markets, semimonthly, July 1969 to June 1970 52
 Table 22. Annual average of midmonth and monthend long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, 1960-61 to 1969-70 58
 Table 23. Long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, semimonthly, July 1969 to June 1970 61

Selected publications available from the Commodity Exchange Authority 67

COMMODITY FUTURES STATISTICS
July 1969 - June 1970

INTRODUCTION

Commodity Futures Statistics is published annually by the Commodity Exchange Authority. This edition covers the fiscal year 1970 (July 1969 - June 1970) and presents the more important data on futures trading in each commodity covered by the Commodity Exchange Act. The statistics are compiled from reports required of exchange clearing members and large traders by regulations under the act, and from official price records of contract markets.

Contract Markets and Commodities

A contract market is one which has been designated by the Secretary of Agriculture pursuant to the Commodity Exchange Act to conduct trading in one or more commodities for future delivery. Listed below are the 20 commodity exchanges designated as contract markets, and the commodities in which futures trading was conducted on each market in 1969-70. In total, 21 agricultural commodities subject to regulation by the Commodity Exchange Authority were traded on one or more of the active commodity exchanges during the year.

Chicago Board of Trade	Wheat, corn, oats, rye, soybeans, soybean oil, soybean meal, choice steers
Chicago Mercantile Exchange.....	Butter, eggs (shell and frozen), potatoes, live beef cattle, frozen boneless beef, live hogs, frozen pork bellies, frozen skinned hams
Chicago Open Board of Trade	Wheat, corn, oats, rye, soybeans
Citrus Associates of the New York Cotton Exchange.....	Frozen concentrated orange juice
Commodity Exchange, Inc.....	Hides
Kansas City Board of Trade.....	Wheat, corn, grain sorghums
Minneapolis Grain Exchange	Wheat, oats
New York Cotton Exchange.....	Cotton
New York Mercantile Exchange.....	Potatoes
Wool Associates of the New York Cotton Exchange.....	Wool, wool tops

The following markets had no trading in any regulated commodity during the year ending June 30, 1970:

Duluth Board of Trade	New York Produce Exchange
International Commercial Exchange, Inc. ^{1/}	Northern California Grain Exchange
Memphis Board of Trade Clearing Assn.	Portland Grain Exchange
Milwaukee Grain Exchange	St. Louis Merchants' Exchange
New Orleans Cotton Exchange	Seattle Grain Exchange

Nature of Statistics

The commodity futures statistics presented in this bulletin fall into five principal classes: volume of trading, open contracts, futures prices, contracts settled by delivery, and commitments of reporting (large) traders. Reporting traders are those with positions of specified size. Such traders report daily to the Commodity Exchange Authority their trades and positions. Data derived from such statistics include commitments of reporting traders as a percentage of open contracts, commitments of nonreporting traders, and commitments of nonreporting traders as a percentage of open contracts.

^{1/} Designated as a contract market April 9, 1970.

Volume of Trading

The volume of trading is the total of all purchases or of all sales -- not of purchases and sales combined. Since there are two parties to every futures contract -- the seller and the buyer -- the aggregate of all purchases is equal to the aggregate of all sales.

The volume of trading in a commodity is compiled by the Commodity Exchange Authority from data in required daily reports from exchange clearing members. Each clearing member of each contract market makes a daily report of all purchases and sales of commodity futures which it clears. A compilation of these reports gives the volume of trading in each commodity for each market for each day.

Open Contracts

A futures contract is said to be "open" when it has been entered into and not yet liquidated by an offsetting transaction nor fulfilled by delivery.

The amount of open contracts for each commodity and contract market is obtained each business day by a tabulation of reports made by exchange clearing members. The aggregate of all long open contracts reported by clearing members equals the aggregate of all short open contracts reported. The open contract figures shown are for one side only, not the long and short sides combined.

The open contracts in a commodity reflect the positions of hedgers and longer-term speculative holdings, and thus provide more of a measure of market utilization for merchandising and processing than is afforded by data on volume of trading.

The following table shows the volume of trading and average of monthend open contracts, by commodity on all contract markets combined, for the 1969-70 and 1968-69 fiscal years:

Commodity	Unit	Volume of trading		Percent increase or decrease	Average monthend open contracts		Percent increase or decrease
		1969-70	1968-69		1969-70	1968-69	
Wheat	1,000 bushels	3,713,782	6,930,155	- 46.4	133,061	214,930	- 38.1
Corn	do.	6,500,406	8,585,502	- 24.3	201,818	246,306	- 18.1
Oats	do.	536,146	692,968	- 22.6	25,594	21,341	+ 19.9
Rye	do.	56,028	135,921	- 58.8	2,903	5,069	- 42.7
Soybeans	do.	6,435,333	4,713,755	+ 36.5	191,656	166,929	+ 14.8
Grain sorghums	Million pounds	254.2	629.0	- 59.6	19.4	50.8	- 61.8
Cotton	1,000 bales	3,304.2	15,418.8	- 78.6	229.0	581.2	- 60.6
Wool	6,000 pounds ^{1/}	4,962	7,859	- 36.9	805	1,422	- 43.4
Wool tops	5,000 pounds ^{1/}	83	103	- 19.4	19	17	+ 11.8
Butter	Carlots	4	9	- 55.6	2	1	+ 100.0
Eggs, shell	do.	629,477	257,256	+ 144.7	6,982	4,119	+ 69.5
Eggs, frozen	36,000 pounds ^{1/}	61	2,058	- 97.0	5	125	- 96.0
Potatoes	Carlots	425,499	566,936	- 24.9	12,162	16,771	- 27.5
Cottonseed oil	60,000 pounds ^{1/}	0	38	- 100.0	0	5	- 100.0
Soybean oil	do.	1,672,031	426,416	+ 292.1	26,923	16,089	+ 67.3
Soybean meal	1,000 tons	71,760.4	40,564.4	+ 76.9	2,155.5	1,501.2	+ 43.6
Live beef cattle	40,000 pounds ^{2/}	860,858	624,922	+ 37.8	21,564	22,427	- 3.8
Choice steers	27,600 pounds ^{1/}	25,512	46,067	- 44.6	646	1,600	- 59.6
Frozen boneless beef	36,000 pounds ^{1/}	1,064	---	---	285	---	---
Live hogs	30,000 pounds ^{1/}	119,716	12,834	---	4,067	732	---
Frozen pork bellies	36,000 pounds ^{1/}	2,287,292	1,670,102	+ 37.0	19,261	17,754	+ 8.5
Frozen skinned hams	36,000 pounds ^{1/}	493	193	+ 155.4	27	15	+ 80.0
Hides	40,000 pounds ^{1/}	70	680	- 89.7	10	116	- 91.4
Frozen concentrated orange juice	15,000 pounds ^{1/}	86,870	179,906	- 51.7	3,317	5,619	- 41.0

^{1/} Contract unit.

^{2/} Contract unit. Prior to the 1969 August future, contract unit was 25,000 pounds.

^{3/} Contract unit. Prior to the 1970 July future, contract unit was 20,000 pounds.

^{4/} Contract unit. Prior to the 1971 February future, contract unit was 30,000 pounds.

^{5/} Contract unit. Prior to September 10, 1969, contract unit was 30,000 pounds.

See tables 1 and 10 for data covering 1960-61 to 1967-68.

Activity, Size, and Value of Futures Trading

Since volume of futures trading is expressed in units of the physical commodity, a common denominator has been used to obtain the total volume in dissimilar commodities and to show intercommodity comparisons. Such a common measure is provided by giving the same weight to a contract unit in wheat (5,000 bushels) as to a contract unit in cotton (100 bales). Transactions are computed by dividing the volume of trading by the contract unit except where the trading volume is given in contract units.

Open contracts, like volume of trading, are also expressed in units of the physical commodity. For comparison of open contracts between commodities and markets, open contracts are also expressed in terms of contract units.

Another measure for presenting an overall view of market activity, or for making intercommodity comparisons, is the dollar value of futures trading. The value of trading in a commodity is estimated by multiplying the monthly volume of trading on all contract markets by the monthly average of the futures closing price on the principal market for the commodity. The dollar-value measurement of futures activity reflects changes in price level as well as in volume of trading.

All these measures provide a useful gauge of overall futures market activity, particularly changes from year to year for long-term periods.

The following table gives the estimated number of futures transactions, open contracts in terms of contract units, and the dollar value of trading, by commodities, all contract markets combined, for the 1969-70 and 1968-69 fiscal years:

Commodity	Thousands of transactions ^{1/}		Number of monthend open contracts ^{2/}		Value of trading (Million dollars)	
	1969-70	1968-69	1969-70	1968-69	1969-70	1968-69
Wheat	743	1,386	26,612	42,986	5,162.7	9,003.3
Corn	1,300	1,717	40,364	49,261	7,912.6	10,006.6
Oats	107	139	5,119	4,268	336.6	459.8
Rye	11	27	581	1,014	63.5	160.3
Soybeans	1,287	943	38,331	33,386	16,358.3	12,126.7
Grain sorghums	1	2	69	181	4.9	11.5
Cotton	33	154	2,290	5,812	432.6	2,235.6
Wool	5	8	805	1,422	33.0	55.3
Wool tops	3/	3/	19	17	.3	.6
Butter	3/	3/	2	1	.1	.3
Eggs, shell	629	257	6,982	4,119	5,166.9	1,889.4
Eggs, frozen	3/	2	5	125	.7	19.9
Potatoes	425	567	12,162	16,771	834.6	995.5
Cottonseed oil	0	3/	0	5	0	.1
Soybean oil	1,672	426	26,923	16,089	10,350.4	2,045.5
Soybean meal	718	406	21,555	15,012	5,342.3	3,061.4
Live beef cattle	861	625	21,564	22,427	10,313.6	6,141.8
Choice steers	26	46	646	1,600	209.7	383.1
Frozen boneless beef	1	---	285	---	22.2	---
Live hogs	120	13	4,067	732	709.1	60.4
Frozen pork bellies	2,287	1,670	19,155	17,754	29,034.4	17,310.1
Frozen skinned hams	3/	3/	27	15	9.3	2.5
Hides	3/	1	10	116	.3	3.1
Frozen concentrated orange juice	87	180	3,317	5,619	577.5	1,514.9
Total	10,313	8,569	230,890	238,732	92,875.6	67,487.7

^{1/} Estimated number of purchases or sales in terms of contract units. Contract used is as shown in the unit column on the previous page, except for the following commodities; grains and soybeans, 5,000 bushels; grain sorghums, 280,000 pounds; cotton, 100 bales, and soybean meal, 100 tons.

^{2/} Based on average of monthend open contracts in terms of contract units (one side only).

^{3/} Less than 500 transactions.

See tables 7, 8, and 9 for data covering 1960-61 to 1967-68.

Futures Prices

Official records of contract markets are the source of the price information in this bulletin. Closing prices are shown by future for the fifteenth and last day of each calendar month. Where no trades took place during the "close," generally the closing seconds of trading, bid, asked, nominal, or settlement prices have been used, and are so indicated. For dates on which closing ranges were recorded, the closing price shown is the average of the closing range.

Contracts Settled by Delivery

While most futures contracts are settled by offset prior to delivery, a "long" may choose to stand for delivery of the physical commodity and a "short" may elect to make delivery. The delivery procedure includes the issuance of a delivery notice which is a document prepared by the seller notifying the buyer that he intends to deliver on a stated day the commodity specified in the contract. The original or a copy of each delivery notice tendered by a clearing member of a contract market is furnished to the Commodity Exchange Authority. From the delivery notices and from reports of deliveries made by clearing members, data on deliveries are compiled.

Commitments of Reporting Traders

Any trader whose position in one future of any commodity reaches an amount specified by the Secretary of Agriculture is required to report daily to the Commodity Exchange Authority all his trades and positions in that commodity. In making his report, the trader also classifies his position as speculative or hedging.

The minimum amounts specified for reporting in active commodities during the fiscal year 1969-70 were as follows:

Wheat, corn, oats, rye, soybeans	200,000 bushels
Cotton	5,000 bales
Wool	150,000 pounds
Eggs (shell), potatoes	25 carlots
Soybean oil	1,500,000 pounds
Soybean meal	2,500 tons
Live cattle, live hogs, frozen pork bellies, and frozen concentrated orange juice	25 contract units

Data on commitments of large traders are obtained from these traders' reports. Commitments of non-reporting traders are derived by subtracting reporting traders' positions from the total of all positions. Commitments of nonreporting traders, being a residual item, include both speculative and hedging commitments.

Table 1. Annual volume of trading on each contract market, 1960-61 to 1969-70

Commodity and market	Unit	Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
WHEAT											
Chicago Board of Trade	Million bushels	1,957.1	3,414.1	4,360.6	4,520.2	2,238.0	4,958.2	8,831.8	7,565.6	5,580.3	2,704.2
Chicago Open Board of Trade	do.	17.9	31.4	44.8	41.4	13.7	13.9	80.0	152.0	147.4	53.0
Minneapolis Grain Exchange	do.	206.4	236.3	210.1	207.5	135.1	236.7	337.6	365.4	327.6	209.4
Kansas City Board of Trade	do.	307.3	458.7	534.8	582.2	433.8	761.0	1,108.0	1,175.7	856.9	707.2
Milwaukee Grain Exchange	do.	.3	.3	1.2	.6	.3	1/3	---	---	---	---
Total	do.	2,489.0	4,140.8	5,151.5	5,334.9	2,825.9	6,000.1	10,425.4	9,299.5	6,930.2	3,713.8
CORN											
Chicago Board of Trade	do.	2,116.9	4,883.2	3,507.0	3,753.0	3,694.5	5,367.0	12,987.9	7,521.4	8,532.9	6,452.9
Chicago Open Board of Trade	do.	7.0	18.7	13.2	6.8	6.6	8.6	42.5	35.2	52.5	47.5
Minneapolis Grain Exchange	do.	.1	.3	0	.4	0	0	37.6	2.9	.1	2/
Kansas City Board of Trade	do.	1.0	.6	.8	.2	.5	1/2	---	---	---	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	2,125.8	4,902.8	3,521.0	3,760.4	3,701.6	5,375.8	13,068.0	7,559.5	8,585.5	6,500.4
OATS											
Chicago Board of Trade	do.	817.7	1,577.1	878.4	610.1	483.0	397.5	567.6	409.1	684.3	520.5
Chicago Open Board of Trade	do.	3.5	7.9	3.2	.5	1.0	1.0	1.6	4.5	8.7	15.6
Minneapolis Grain Exchange	do.	17.5	19.1	11.5	0	0	0	0	.1	0	2/
Milwaukee Grain Exchange	do.	1.0	1.1	.3	.1	.2	1/2	---	---	---	---
Total	do.	839.7	1,605.2	883.5	610.7	483.2	398.5	569.2	413.7	693.0	536.1
RYE											
Chicago Board of Trade	do.	453.9	1,328.2	720.2	660.5	257.9	316.4	274.8	190.7	134.4	24.0
Chicago Open Board of Trade	do.	6.8	25.3	16.4	5.6	2.0	2.7	1.6	1.8	1.3	2.0
Minneapolis Grain Exchange	do.	0	2/	2/	0	0	0	0	.3	.2	0
Kansas City Board of Trade	do.	1.6	2.2	1.1	1.0	.4	1/3	---	---	---	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	462.3	1,356.7	747.7	671.1	260.3	319.4	276.4	192.8	135.9	26.0
BARLEY											
Minneapolis Grain Exchange	do.	0	0	0.1	0.1	0	0	0	0	0	0
FLAXSEED											
Minneapolis Grain Exchange	do.	17.5	25.9	6.7	0.9	0.1	2/	0	0	0	0
SOYBEANS											
Chicago Board of Trade	do.	12,434.4	4,800.5	8,285.7	13,539.5	10,266.8	16,024.8	9,352.4	4,751.0	4,664.1	6,358.0
Chicago Open Board of Trade	do.	158.8	21.2	86.0	162.1	235.9	248.2	142.8	24.4	49.7	77.3
Minneapolis Grain Exchange	do.	0	0	2/	0	0	0	0	0	0	0
Kansas City Board of Trade	do.	0	0	0	.1	.8	2/	0	0	0	0
New York Produce Exchange	do.	---	---	---	---	---	---	2/5.5	2/	0	0
Total	do.	12,593.2	4,821.7	8,371.7	13,701.7	10,503.5	16,273.0	9,500.7	4,805.4	4,713.8	6,435.3
GRAIN CORNBREADS											
Kansas City Board of Trade	Million pounds	118	17	24	35	0	0	3,402	708	620	254
Chicago Board of Trade	do.	0	4/0	---	4/12	0	5/0	---	---	---	---
Total	do.	118	17	24	34	0	0	3,402	708	620	254
RIPE											
New York Mercantile Exchange	Thousand pounds	0	0	0	2,700	1,100	0	0	0	0	0
COTTON											
New York Cotton Exchange	Thousand bales	2,724	3,450	2,054	208	205	66	86	17,722	15,410	3,304
New Orleans Cotton Exchange	do.	---	37	83	18	6/	---	---	---	---	---
Chicago Board of Trade	do.	1	2/	0	0	0	0	0	0	0	0
Total	do.	2,724	3,487	2,054	226	205	66	86	17,722	15,410	3,304
WOOL											
Wool Associates of the New York Cotton Exchange	1,000 lbs. pounds	70,104	64,807	36,275	35,503	21,304	46,432	24,125	15,148	7,850	4,622
Wool Yarns											
Wool Associates of the New York Cotton Exchange	1,000 lbs. pounds	4,727	1,204	506	504	227	146	376	104	104	83

Table 1. Annual volume of trading on each contract market, 1960-61 to 1969-70-- Continued

Commodity and market	Unit	Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
BUTTER											
Chicago Mercantile Exchange	Carlots	0	0	0	0	0	334	5,453	12	9	4
New York Mercantile Exchange	do.	0	0	0	0	0	26	9	0	0	
Total	do.	0	0	0	0	0	360	5,462	12	9	4
EGGS (SHELL)											
Chicago Mercantile Exchange	do.	489,645	268,857	296,975	134,590	63,261	96,224	71,138	40,928	237,256	629,477
New York Mercantile Exchange	do.	211	0	0	0	0	0	0	0	0	0
Total	do.	489,756	268,857	296,975	134,590	63,261	96,224	71,138	40,928	237,256	629,477
EGGS (FROZEN)											
Chicago Mercantile Exchange	36,000 pounds ^{2/}	98,859	126,655	58,813	59,608	6,666	19,544	2,914	1,203	2,058	61
POYATOES											
Chicago Mercantile Exchange	Carlots	364	3	47	0	0	0	238	88,367	90,246	
New York Mercantile Exchange	do.	188,711	237,688	152,056	178,680	602,521	412,570	702,460	411,473	178,589	335,252
Total	do.	189,275	237,691	152,103	178,680	602,521	412,570	702,460	411,711	566,936	425,499
COTTONSEED OIL											
Chicago Board of Trade	60,000 pounds ^{8/}	---	---	---	10/1,057	124	0	0	0	0	0
New York Produce Exchange	do.	88,994	57,943	78,885	90,486	27,817	8,725	3,689	175	38	0
Total	do.	88,994	57,943	78,885	91,543	27,941	8,725	3,689	175	38	0
SOYBEAN OIL											
Chicago Board of Trade	do.	389,729	271,866	393,199	428,856	566,332	587,305	429,746	267,328	426,416	1,672,031
New York Produce Exchange	do.	304	10	0	40	0	0	0	0	0	0
Total	do.	390,033	271,879	393,199	428,896	566,332	587,305	429,746	267,328	426,416	1,672,031
LARD											
Chicago Board of Trade	Million pounds	658.1	401.7	21/21.9	---	---	---	---	---	---	---
MILLFEEDS^{12/}											
St. Louis Merchants' Exchange	Thousand tons	---	13/14.5	14/20.0	---	---	---	---	---	---	---
COTTONSEED MEAL											
Memphis Board of Trade	do.	19.8	2.2	4.5	2.5	0	0	0	0	0	0
Clearing Association	do.	---	---	---	---	15/4.0	0	0	0	0	0
New York Produce Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	19.8	2.2	4.5	2.5	4.0	0	0	0	0	0
SOYBEAN MEAL											
Chicago Board of Trade	do.	25,170.1	27,172.4	33,158.3	27,025.5	30,187.6	37,732.9	42,317.8	33,284.6	40,564.4	71,760.4
Memphis Board of Trade	do.	218.8	104.1	70.2	39.8	0	0	0	0	0	0
Clearing Association	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	25,388.9	27,276.5	33,228.5	27,065.3	30,187.6	37,732.9	42,317.8	33,284.6	40,564.4	71,760.4
LIVE BEEF CATTLE											
Chicago Mercantile Exchange	25,000 pounds ^{16/}	---	---	---	---	17/26,541	106,412	250,636	281,336	624,922	860,858
LIVE FEEDER CATTLE											
Kansas City Board of Trade	25,000 pounds ^{8/}	---	---	---	---	---	18/06	630	18/32	---	---
CHOICE STEERS											
Chicago Board of Trade	27,600 pounds ^{2/}	---	---	---	---	---	---	19/17,608	27,333	46,067	25,512
FROZEN BONELESS BEEF											
Chicago Mercantile Exchange	36,000 pounds ^{1/}	---	---	---	---	---	---	---	---	---	20/1,064

Table 1. Annual volume of trading on each contract market, 1960-61 to 1969-70--Continued

Commodity and market	Unit	Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
LIVE HOGS Chicago Mercantile Exchange	20,000 ²¹ / pounds	---	---	---	---	---	22/3,566	8,990	11,026	12,834	119,716
FROZEN PORK BELLYS Chicago Mercantile Exchange	30,000 ²³ / pounds	---	28/857	1,249	65,693	388,326	778,991	845,383	1,311,597	1,570,102	2,287,292
FROZEN SKINNED HAMS Chicago Mercantile Exchange	30,000 ²⁴ / pounds	---	---	---	26/163	174	341	305	293	193	493
HIDES Commodity Exchange, Inc.	40,000 ²⁵ / pounds	6,368	6,284	4,299	11,395	4,722	10,440	5,940	3,040	680	70
FROZEN CONCENTRATED ORANGE JUICE Citrus Associates of the New York Cotton Exchange	15,000 ²⁶ / pounds	---	---	---	---	---	---	27/6,834	77,756	179,906	86,870

- 1/ Trading suspended January 17, 1966.
- 2/ Less than 50,000 bushels.
- 3/ Trading began September 7, 1966.
- 4/ Trading suspended April 10, 1962; resumed October 17, 1963.
- 5/ Trading suspended June 28, 1966.
- 6/ Trading suspended July 9, 1964.
- 7/ Less than 500 bales.
- 8/ Contract unit.
- 9/ Contract unit. Prior to the 1967 September future, contract unit was 30,000 pounds.
- 10/ Trading suspended June 7, 1960; resumed December 9, 1963.
- 11/ On February 26, 1963, trading was ordered to be discontinued with the expiration of the 1963 May future.
- 12/ Volume of trading in bras, shorts, and middlings is combined. For data on each of these commodities, see Commodity Futures Statistics for July 1960 - June 1961.
- 13/ Trading began June 1, 1962.
- 14/ Trading suspended December 31, 1962.
- 15/ Trading began July 25, 1964.
- 16/ Contract unit. In contracts of 25,000 pounds in all futures prior to the 1969 August future and 40,000 pounds beginning with that future.
- 17/ Trading began November 30, 1964.
- 18/ Trading began June 20, 1966; suspended October 23, 1967.
- 19/ Trading began October 4, 1966.
- 20/ Trading began April 15, 1970.
- 21/ Contract unit. In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future.
- 22/ Trading began February 28, 1966.
- 23/ Contract unit. In contracts of 30,000 pounds in all futures prior to the 1971 February future and 35,000 pounds beginning with that future.
- 24/ Trading began September 18, 1961.
- 25/ Contract unit. In contracts of 30,000 pounds in all futures prior to September 10, 1969, and 35,000 pounds after that date.
- 26/ Trading began February 3, 1964.
- 27/ Trading began October 26, 1966.

Table 3. Monthly volume of trading on each contract market, July 1969 to June 1970

Commodity and market	Unit	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	TOTAL
WHEAT														
Chicago Board of Trade	Thousand bushels	446,845	355,685	273,615	197,030	161,305	193,150	123,400	222,445	155,175	169,435	197,405	208,645	2,704,135
Chicago Open Board of Trade	do.	11,246	15,191	8,945	6,096	4,395	9,004	3,943	6,909	5,509	6,014	8,246	7,521	93,020
Minneapolis Grain Exchange	do.	21,191	23,785	22,463	17,543	17,977	15,561	16,272	19,601	12,778	14,109	13,766	14,446	209,412
Kansas City Board of Trade	do.	52,535	76,425	60,880	61,910	49,560	71,245	56,265	50,150	47,705	49,355	35,729	72,265	707,215
Total	do.	571,917	471,086	365,843	282,579	233,238	270,950	199,980	299,105	221,167	238,913	256,137	302,877	3,713,782
CORN														
Chicago Board of Trade	do.	1,113,835	644,405	396,895	665,070	547,280	502,145	383,660	444,060	314,185	439,445	400,740	601,160	6,452,880
Chicago Open Board of Trade	do.	12,953	5,620	4,244	7,819	3,699	2,838	2,113	1,559	564	1,570	1,620	2,922	47,911
Kansas City Board of Trade	do.	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	do.	1,126,788	650,025	401,139	672,919	550,979	504,983	385,773	445,619	314,749	441,015	402,360	604,097	6,900,805
OATS														
Chicago Board of Trade	do.	42,280	49,935	56,250	62,855	53,855	55,770	41,820	36,305	30,715	33,395	26,650	30,665	520,505
Chicago Open Board of Trade	do.	695	1,358	1,597	3,404	1,941	2,838	1,036	1,038	629	625	485	560	15,626
Minneapolis Grain Exchange	do.	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	do.	42,975	51,333	57,847	66,259	55,776	58,608	42,856	37,343	31,344	34,020	27,135	31,240	536,146
RYE														
Chicago Board of Trade	do.	9,160	7,320	6,065	4,630	4,950	3,125	4,315	3,140	3,440	2,875	3,045	1,945	54,010
Chicago Open Board of Trade	do.	142	436	287	394	284	186	123	59	57	87	52	15	2,018
Total	do.	9,302	7,756	6,352	5,024	5,234	3,311	4,438	3,199	3,497	2,962	3,097	1,960	56,028
SORTS														
Chicago Board of Trade	do.	340,950	261,930	182,185	983,040	604,560	373,505	485,875	412,795	394,065	497,695	389,120	1,132,305	6,358,065
Chicago Open Board of Trade	do.	3,391	2,853	4,904	10,228	8,423	5,660	5,194	5,123	4,408	5,742	6,712	13,223	77,268
Total	do.	344,341	264,783	187,089	993,268	612,983	379,165	491,069	417,918	398,473	503,437	395,839	1,145,528	6,435,333
GRAIN SORTINGS														
Kansas City Board of Trade	Million pounds	8.7	32.2	69.7	42.8	36.4	38.1	5.3	0.8	0.6	0	0	19.6	254.2
COTTON														
New York Cotton Exchange	Thousand bales	167.9	148.9	216.1	525.8	853.9	345.8	246.1	266.1	126.7	213.8	74.0	119.1	3,304.2
Contract No. 2														
WOOL														
Wool Associates of the New York Cotton Exchange	6,000 ¹ / ₂ pounds	268	465	625	407	665	394	393	467	424	521	215	208	4,962
WOOL TOPS														
Wool Associates of the New York Cotton Exchange	5,000 ¹ / ₂ pounds	0	0	18	9	16	8	9	14	4	1	2	2	83
BUTTER														
Chicago Mercantile Exchange	Cwt	4	0	0	0	0	0	0	0	0	0	0	0	4
BEAN (SHLL)														
Chicago Mercantile Exchange	do.	25,337	45,034	53,134	56,225	74,332	82,304	75,947	65,804	44,301	43,897	28,321	34,239	629,477
EGGS (FROZEN)														
Chicago Mercantile Exchange	36,000 ¹ / ₂ pounds	8	1	10	12	12	2	3	0	0	8	2	3	61
POTATOES														
New York Mercantile Exchange	Cwt	7,250	6,201	13,340	33,021	19,288	31,494	45,995	36,815	58,995	52,471	20,764	5,303	334,777
Maine Crown	do.	84	26	40	97	24	84	41	20	5	471	24	0	475
Idaho Russet	do.	1,105	1,248	2,781	8,150	3,617	7,320	14,001	7,567	14,330	18,301	9,281	176	90,246
Chicago Mercantile Exchange	do.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Russet	do.	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	do.	8,479	10,475	16,152	42,077	22,929	38,860	60,037	44,790	73,330	71,813	30,069	5,479	425,499
SOYBEAN OIL														
Chicago Board of Trade	60,000 pounds	24,189	32,855	66,593	143,095	158,340	100,336	94,532	136,467	181,897	316,756	203,963	211,008	1,672,031
SOYBEAN MEAL														
Chicago Board of Trade	Thousand tons	2,136.3	1,090.3	2,918.4	6,161.9	5,262.5	6,553.8	8,446.4	8,188.6	7,354.2	8,373.9	5,376.4	8,997.2	71,760.4

VOLUME OF TRADING

Table 3. Monthly volume of trading on each contract market, July 1969 to June 1970--Continued

Commodity and market	Unit	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
LIVE BEEF (ACTLE) Chicago Mercantile Exchange	40,000 pounds ^{1/}	153,757	123,519	70,010	70,471	27,756	59,599	41,841	35,507	66,109	71,247	68,894	68,888	860,858
CHOICE STEERS Chicago Board of Trade	27,600 pounds ^{2/}	8,176	5,089	2,515	2,260	810	2,314	1,344	802	877	608	563	154	25,512
FROZEN BONELESS BEEF Chicago Mercantile Exchange	35,000 pounds ^{3/}	---	---	---	---	---	---	---	---	---	2,838	192	34	1,064
LIVE HOGS Chicago Mercantile Exchange	20,000 pounds ^{4/}	3,310	7,256	11,146	8,705	9,610	13,387	13,329	8,966	9,025	5,912	2,968	1,694	94,708
FROZEN PORK BELLIQS Chicago Mercantile Exchange	30,000 pounds ^{5/}	---	---	---	---	3,34	334	553	1,204	4,115	4,375	5,653	8,740	25,008
FROZEN PORK BELLIQS Chicago Mercantile Exchange	30,000 pounds	197,545	180,632	141,174	220,119	224,152	206,584	216,022	203,738	186,959	145,553	150,651	166,384	2,260,403
FROZEN SKINNED HAMS Chicago Mercantile Exchange	35,000 pounds ^{6/}	---	---	---	---	---	---	---	---	1,430	2,634	7,431	16,384	26,879
FROZEN SKINNED HAMS Chicago Mercantile Exchange	35,000 pounds ^{6/}	0	0	109	169	153	0	32	1	19	3	2	5	493
HIDES Commodity Exchange, Inc.	40,000 pounds ^{2/}	12	2	26	22	0	1	2	0	0	0	2	3	70
FROZEN CONCENTRATED ORANGE JUICE Citrus Associates of the New York Cotton Exchange	15,000 pounds ^{2/}	5,890	5,024	6,687	6,533	4,000	9,547	18,383	12,965	4,243	3,932	5,041	3,145	86,870

^{1/} Contract unit.^{2/} Trading began April 15, 1970.^{3/} Trading began November 10, 1969. Beginning with the 1970 July future, contract unit was changed from 20,000 pounds to 30,000 pounds.^{4/} Trading began March 24, 1970. Beginning with the 1971 February future, contract unit was changed from 30,000 pounds to 35,000 pounds.

VOLUME OF TRADING

Table 4. Monthly volume of trading on principal markets, by future, July 1969 to June 1970

Future	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHEAT, Chicago Board of Trade (In thousands of bushels)												
1969 July	42,290	---	---	---	---	---	---	---	---	---	---	---
1969 September	129,145	69,785	27,995	---	---	---	---	---	---	---	---	---
1969 December	166,665	253,980	127,500	87,095	58,900	28,745	---	---	---	---	---	---
1970 March	71,780	78,110	57,845	48,690	53,770	80,240	49,830	54,080	23,535	---	---	---
1970 May	33,965	44,260	40,225	34,680	29,255	50,975	42,355	86,105	69,360	60,970	36,250	---
1970 September	3,040	9,550	19,840	23,705	17,445	28,355	22,465	51,975	34,220	56,405	83,565	48,225
1970 December	---	---	210	2,860	1,935	3,190	4,065	6,235	6,600	16,020	28,375	44,630
1971 March	---	---	---	---	---	1,445	4,685	23,150	21,315	33,005	43,290	93,180
1971 May	---	---	---	---	---	---	---	---	165	2,955	5,870	19,015
Total	446,845	355,685	273,615	197,030	161,305	192,190	123,400	222,445	155,175	169,435	197,405	208,645
WHEAT, Minneapolis Grain Exchange (In thousands of bushels)												
1969 September (old)	40	24	66	---	---	---	---	---	---	---	---	---
1969 September (new)	16,638	15,017	3,202	---	---	---	---	---	---	---	---	---
1969 December	4,513	7,779	16,120	12,927	8,974	1,205	---	---	---	---	---	---
1970 March	---	865	3,005	4,276	7,882	13,556	13,140	9,880	757	---	---	---
1970 June	---	---	---	340	1,121	900	3,042	9,363	11,477	12,868	10,968	5,064
1970 September	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
Total	21,191	23,765	22,403	17,543	17,977	15,561	16,272	19,601	12,776	14,109	13,766	14,446
WHEAT, Kansas City Board of Trade (In thousands of bushels)												
1969 July	9,675	---	---	---	---	---	---	---	---	---	---	---
1969 September	39,625	28,060	4,715	---	---	---	---	---	---	---	---	---
1969 December	24,595	33,820	40,290	39,620	24,460	3,245	---	---	---	---	---	---
1970 March	13,785	10,320	10,945	16,195	20,205	38,935	39,610	25,070	12,660	---	---	---
1970 May	2,510	2,490	3,215	3,495	2,630	6,710	11,965	15,190	26,080	10,975	7,165	---
1970 July	95	1,735	1,715	2,265	1,935	4,125	5,115	9,355	8,240	15,300	21,710	31,980
1970 September	---	---	---	445	330	230	---	495	75	---	---	---
1970 December	---	---	---	---	---	---	---	60	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	190	1,135	4,170	22,300
1971 May	---	---	---	---	---	---	---	---	5	---	50	695
Total	92,635	76,425	60,080	61,010	49,560	51,245	56,365	50,150	47,705	40,355	36,720	72,265
CORN, Chicago Board of Trade (In thousands of bushels)												
1969 July	126,885	---	---	---	---	---	---	---	---	---	---	---
1969 September	228,605	178,695	100,095	---	---	---	---	---	---	---	---	---
1969 December	509,045	289,390	179,590	352,780	260,445	121,495	---	---	---	---	---	---
1970 March	165,185	91,830	62,660	144,855	145,170	215,355	186,330	104,055	71,930	---	---	---
1970 May	78,060	53,750	36,090	101,920	76,035	91,255	106,340	129,850	129,710	188,180	76,295	---
1970 July	5,155	27,740	17,400	51,795	56,590	57,065	62,065	88,495	64,350	153,950	181,280	188,100
1970 September	---	---	230	11,720	8,000	11,650	12,635	17,695	18,944	28,125	36,005	66,775
1970 December	---	---	---	---	---	3,345	15,035	21,330	20,095	63,365	97,115	250,690
1971 March	---	---	---	---	---	---	1,235	2,665	1,095	5,625	8,020	35,815
1971 May	---	---	---	---	---	---	---	---	---	---	25	20,660
Total	1,113,835	644,405	396,895	665,070	547,280	502,145	283,660	444,060	314,185	439,445	400,740	601,160
OATS, Chicago Board of Trade (In thousands of bushels)												
1969 July	4,455	---	---	---	---	---	---	---	---	---	---	---
1969 September	13,605	14,680	7,700	---	---	---	---	---	---	---	---	---
1969 December	16,030	23,010	28,285	33,570	26,445	16,720	---	---	---	---	---	---
1970 March	4,755	8,270	12,895	18,020	17,685	24,335	21,545	18,965	10,450	---	---	---
1970 May	1,445	3,915	6,700	9,245	7,360	10,375	13,415	10,810	14,510	20,265	11,460	---
1970 July	---	100	370	1,260	1,750	2,715	2,635	3,880	4,035	6,955	9,220	7,735
1970 September	---	---	---	460	575	1,625	2,265	2,960	1,125	3,010	3,485	10,545
1970 December	---	---	---	---	---	---	---	600	595	2,265	2,485	10,535
1971 March	---	---	---	---	---	---	---	---	---	---	---	1,160
1971 May	---	---	---	---	---	---	---	---	---	---	---	690
Total	42,200	40,935	56,250	62,855	51,855	55,770	41,820	36,305	30,715	33,395	26,650	70,665
RYE, Chicago Board of Trade (In thousands of bushels)												
1969 July	895	---	---	---	---	---	---	---	---	---	---	---
1969 September	4,565	2,200	1,045	---	---	---	---	---	---	---	---	---
1969 December	2,660	3,100	3,955	2,115	2,125	680	---	---	---	---	---	---
1970 March	385	560	875	1,260	1,430	875	1,905	885	805	---	---	---
1970 May	655	1,370	870	1,160	1,320	2,300	1,895	1,320	1,375	1,610	1,365	---
1970 July	---	---	110	75	55	215	385	600	600	780	805	840
1970 September	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
Total	9,160	7,320	6,065	4,630	4,050	7,125	4,315	3,140	3,440	2,875	3,045	1,945

VOLUME OF TRADING

Table 4. Monthly volume of trading on principal markets, by future, July 1969 to June 1970—Continued

Future	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
SOYBEAN OIL, Chicago Board of Trade (In contracts of 60,000 pounds)												
1969 July	4,095	---	---	---	---	---	---	---	---	---	---	---
1969 August	9,199	6,075	---	---	---	---	---	---	---	---	---	---
1969 September	3,155	8,321	5,777	---	---	---	---	---	---	---	---	---
1969 October	1,449	5,610	23,432	26,038	---	---	---	---	---	---	---	---
1969 December	3,467	6,082	17,866	66,332	60,436	20,017	---	---	---	---	---	---
1970 January	1,376	2,590	6,812	20,987	45,161	43,861	16,782	---	---	---	---	---
1970 March	937	1,737	4,320	12,228	21,635	19,043	41,677	66,503	42,551	---	---	---
1970 May	489	1,282	5,240	11,741	17,082	10,681	21,502	45,608	95,500	152,795	26,801	---
1970 July	26	---	420	1,194	1,438	930	2,227	2,168	2,098	---	---	---
1970 August	---	558	2,728	3,720	9,425	5,078	8,327	14,373	29,177	110,688	118,684	102,531
1970 September	---	---	15	517	1,438	1,798	1,594	2,975	5,487	26,496	36,576	56,494
1970 October	---	---	---	48	1,022	671	1,218	1,785	3,206	8,795	8,757	20,716
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 January	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
1971 July	---	---	---	---	---	---	---	---	---	---	---	---
Total	24,129	32,835	66,593	143,095	158,340	102,336	94,532	126,467	181,897	316,756	203,963	211,068
SOYBEAN MEAL, Chicago Board of Trade (In thousands of tons)												
1969 July	253.2	---	---	---	---	---	---	---	---	---	---	---
1969 August	713.7	363.5	---	---	---	---	---	---	---	---	---	---
1969 September	275.4	947.1	2,44.0	---	---	---	---	---	---	---	---	---
1969 October	193.3	285.1	591.5	550.1	---	---	---	---	---	---	---	---
1969 December	390.1	354.4	648.3	2,610.1	1,924.5	740.7	---	---	---	---	---	---
1970 January	121.4	146.4	494.1	1,152.5	1,303.4	3,043.8	1,898.2	---	---	---	---	---
1970 March	116.0	159.8	308.5	737.8	824.8	1,373.0	3,827.5	4,803.3	2,235.1	---	---	---
1970 May	59.2	62.3	123.6	305.1	550.7	620.9	1,126.1	1,664.2	2,594.3	2,990.7	508.8	---
1970 July	6.0	51.1	209.6	458.3	432.6	700.4	710.7	804.0	1,262.9	2,734.4	2,945.5	3,120.0
1970 August	---	---	47.9	71.5	131.2	161.9	331.6	375.8	577.8	840.1	843.7	2,962.6
1970 September	---	---	1.4	41.6	40.0	44.7	131.7	118.7	162.5	145.4	262.4	2,004.8
1970 October	---	---	---	19.9	35.3	40.9	216.5	121.8	162.7	227.8	148.9	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 January	---	---	---	---	---	---	27.5	210.0	196.2	228.9	628.4	328.7
1971 March	---	---	---	---	---	---	---	110.6	134.9	316.5	154.5	440.6
1971 May	---	---	---	---	---	---	---	---	15.1	90.2	83.2	349.0
1971 July	---	---	---	---	---	---	---	---	---	---	6.7	280.0
Total	2,136.3	1,990.3	2,918.9	6,161.9	5,262.5	6,553.8	8,446.4	8,188.6	7,354.2	8,373.9	5,376.4	8,997.2
LIVE BEEF CATTLE, Chicago Mercantile Exchange (In contracts of 40,000 pounds)												
1969 August	32,435	34,058	---	---	---	---	---	---	---	---	---	---
1969 October	37,734	51,235	28,509	24,796	---	---	---	---	---	---	---	---
1969 December	15,586	24,129	19,450	20,080	10,822	10,506	---	---	---	---	---	---
1970 February	9,333	7,654	11,395	15,991	7,076	16,808	---	---	---	---	---	---
1970 April	2,561	2,591	4,398	8,685	3,782	12,461	12,319	13,729	24,816	10,099	---	---
1970 June	2,034	1,572	3,409	7,839	4,440	13,401	10,943	11,661	24,957	37,526	23,787	11,327
1970 August	1,074	---	1,451	2,332	1,373	4,461	4,961	1,697	5,132	5,554	8,779	15,052
1970 October	---	961	761	483	323	1,445	5,785	4,297	6,619	16,102	31,786	36,089
1970 December	---	797	547	225	119	274	1,043	521	1,043	1,504	4,006	7,668
1971 February	---	---	---	---	21	143	79	301	647	315	423	935
1971 April	---	---	---	---	---	---	---	1	14	19	81	161
1971 June	---	---	---	---	---	---	---	2	2	28	32	36
Total	153,757	123,519	70,010	70,431	27,756	59,899	41,841	38,507	66,109	71,247	68,694	68,888
CHOICE STEERS, Chicago Board of Trade (In contracts of 27,600 pounds)												
1969 August	3,777	673	---	---	---	---	---	---	---	---	---	---
1969 October	2,823	2,606	986	547	---	---	---	---	---	---	---	---
1969 December	1,103	1,261	623	705	298	---	355	---	---	---	---	---
1970 January	7	20	9	4	4	9	32	---	---	---	---	---
1970 February	432	420	464	529	206	626	488	178	---	---	---	---
1970 March	2	3	---	---	---	---	---	---	---	---	---	---
1970 April	32	106	273	264	135	636	273	230	318	88	---	---
1970 June	---	---	154	165	120	559	375	258	405	249	198	52
1970 August	---	---	---	39	51	121	60	95	119	172	198	73
1970 October	---	---	---	---	---	---	8	62	10	28	78	19
1970 December	---	---	---	---	---	---	---	57	11	7	24	89
Total	8,176	5,089	2,515	2,260	810	2,314	1,344	802	877	608	963	154

VOLUME OF TRADING

Table 4. Monthly volume of trading on principal markets, by future, July 1969 to June 1970--Continued

Future	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
LIVE HOGS, Chicago Mercantile Exchange (In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future)												
1969 July	1,154	---	---	---	---	---	---	---	---	---	---	---
1969 August	1,572	2,133	---	---	---	---	---	---	---	---	---	---
1969 October	380	3,735	5,144	1,788	---	---	---	---	---	---	---	---
1969 December	136	1,051	4,613	4,586	5,153	3,610	---	---	---	---	---	---
1970 February	68	302	1,024	2,023	3,778	6,911	6,905	2,812	---	---	---	---
1970 April	---	2	129	210	493	2,228	5,165	4,146	5,921	2,721	---	---
1970 June	---	13	236	98	188	638	1,659	1,406	3,104	1,197	2,968	1,694
1970 July	---	---	---	---	34	323	443	798	2,736	2,967	3,947	3,819
1970 August	---	---	---	---	---	11	108	310	836	986	1,152	2,444
1970 October	---	---	---	---	---	---	2	64	268	153	463	1,008
1970 December	---	---	---	---	---	---	---	18	255	269	451	1,189
1971 February	---	---	---	---	---	---	---	---	---	---	28	270
1971 April	---	---	---	---	---	---	---	---	---	---	---	10
Total	3,310	7,296	11,146	8,705	9,644	13,721	13,682	9,570	13,140	10,287	8,621	10,454
PORK BELT, Chicago Mercantile Exchange (In contracts of 30,000 pounds in all futures prior to the 1971 February future and 36,000 pounds beginning with that future)												
1969 July	36,781	---	---	---	---	---	---	---	---	---	---	---
1969 August	127,305	65,734	---	---	---	---	---	---	---	---	---	---
1970 February	29,809	79,710	108,845	137,779	151,646	149,232	128,066	37,734	---	---	---	---
1970 March	2,352	10,873	26,017	45,912	49,351	45,638	33,821	26,609	40,450	---	---	---
1970 May	1,270	3,718	8,873	10,444	14,240	12,757	18,637	42,123	94,203	71,525	27,614	---
1970 July	---	597	2,709	4,612	7,030	11,474	10,956	11,618	37,374	51,806	114,884	102,658
1970 August	---	---	730	1,372	1,865	4,823	4,522	3,634	14,732	22,218	49,953	64,026
1971 February	---	---	---	---	---	---	---	---	430	2,347	7,001	14,844
1971 March	---	---	---	---	---	---	---	---	---	287	430	1,442
1971 May	---	---	---	---	---	---	---	---	---	---	---	98
Total	197,345	160,632	141,174	220,119	224,132	206,584	216,022	201,738	137,339	148,187	200,082	153,266
PINK CONCENTRATED ORANGE JUICE, Citrus Associates of the New York Cotton Exchange (In contracts of 15,000 pounds)												
1969 July	932	---	---	---	---	---	---	---	---	---	---	---
1969 September	2,528	1,071	1,295	---	---	---	---	---	---	---	---	---
1969 November	1,109	947	1,592	1,593	830	---	---	---	---	---	---	---
1969 December	452	917	963	1,378	863	1,118	---	---	---	---	---	---
1970 January	953	1,092	1,470	1,586	1,008	2,693	2,305	---	---	---	---	---
1970 March	679	619	901	1,285	943	3,762	7,058	3,271	1,115	---	---	---
1970 May	177	276	315	457	306	1,414	4,358	4,370	1,268	1,204	1,117	---
1970 July	---	102	123	239	107	532	1,967	2,371	683	1,170	1,341	523
1970 September	---	---	---	75	29	273	1,414	1,247	638	295	1,263	722
1970 November	---	---	---	---	---	135	677	638	220	277	365	433
1970 December	---	---	---	---	---	564	436	436	129	190	300	382
1971 January	---	---	---	---	---	---	---	332	190	238	510	663
1971 March	---	---	---	---	---	---	---	---	---	46	145	406
1971 May	---	---	---	---	---	---	---	---	---	---	---	46
Total	6,890	5,024	6,687	6,523	4,080	9,547	18,383	12,965	4,243	3,932	5,041	2,145

Table 5. Largest annual, monthly, and daily volume of trading on principal markets, from date trading data available through June 30, 1970

Commodity	Market	Beginning date	Unit	Largest annual volume of trading		Largest monthly volume of trading		Largest daily volume of trading	
				Amount	Year ^{1/}	Amount	Month	Amount	Date
Wheat	Chicago Board of Trade	Jan. 3, 1921	Thousand bushels	16,528,849	1929-30	2,432,109	July 1929	163,099	July 20, 1933
	Minneapolis Grain Exchange	Jan. 3, 1921	do.	1,248,091	1929-30	186,177	July 1929	13,654	Oct. 24, 1929
	Kansas City Board of Trade	Jan. 3, 1921	do.	1,175,715	1927-28	167,594	July 1937	14,072	July 20, 1933
Corn	Chicago Board of Trade	Jan. 3, 1921	do.	12,587,244	1956-57	1,418,884	Aug. 1956	130,845	July 25, 1969
Oats	Chicago Board of Trade	Jan. 3, 1921	do.	3,445,893	1946-47	424,698	July 1946	41,653	Nov. 13, 1945
Rye	Chicago Board of Trade	Jan. 3, 1921	do.	3,631,125	1944-45	432,936	Apr. 1945	29,777	May 24, 1944
Barley	Minneapolis Grain Exchange	Jan. 3, 1921	do.	103,277	1933-34	26,800	July 1933	2,650	July 19, 1933
Flaxseed	Minneapolis Grain Exchange	Jan. 3, 1921	do.	42,014	1941-42	8,449	Aug. 1941	2,201	Nov. 15, 1939
Soybeans	Chicago Board of Trade	Oct. 5, 1935	do.	19,296,622	1964-65	2,136,719	Oct. 1963	171,660	Dec. 29, 1964
Grain sorghums	Kansas City Board of Trade	Sept. 19, 1944	Million pounds	7,682	1951-52	1,315	Nov. 1951	168	Apr. 30, 1952
Rice	New York Mercantile Exchange	June 1, 1949	Thousand pounds	2,680	1950-51	1,800	May 1954	1,280	Dec. 7, 1950
Cotton	New York Cotton Exchange	Aug. 1, 1925	Thousand bales	122,949	1927-28	16,888	Sept. 1927	1,028	Mar. 8, 1951
	New Orleans Cotton Exchange	Aug. 1, 1925	do.	46,674	1927-28	5,763	Sept. 1927	432	Nov. 4, 1948
Wool	Wool Associates of the New York Cotton Exchange	Mar. 17, 1941	6,000 pounds ^{2/}	70,466	1950-51	13,579	Apr. 1961	3,026	May 9, 1961
Wool tops	Wool Associates of the New York Cotton Exchange	May 1, 1931	5,000 pounds ^{3/}	36,927	1939-40	7,113	Sept. 1939	574	Sept. 22, 1939
Butter	Chicago Mercantile Exchange	Mar. 1, 1922	Carlots	34,868	1930-31	5,537	Oct. 1941	612	Dec. 14, 1926
Eggs (Shell)	Chicago Mercantile Exchange	Mar. 1, 1922	do.	629,477	1969-70	82,304	Dec. 1969	7,508	Dec. 5, 1969
Eggs (Frozen)	Chicago Mercantile Exchange	Feb. 2, 1942	30,000 pounds ^{3/}	126,655	1961-62	21,097	Aug. 1961	2,167	Aug. 29, 1961
Potatoes	New York Mercantile Exchange	Dec. 2, 1941	Carlots	702,460	1966-67	89,077	Mar. 1965	8,803	Apr. 23, 1968
Cottonseed oil	New York Produce Exchange	Jan. 2, 1929	60,000 pounds ^{2/}	133,046	1951-52	4,262,298	Nov. 1963	5,111,344	Nov. 20, 1963
Soybean oil	Chicago Board of Trade	July 17, 1950	do.	1,678,031	1969-70	316,756	Apr. 1970	19,626	Apr. 23, 1970
Lard	Chicago Board of Trade	Feb. 1, 1926	Thousand pounds	3,613,700	1948-49	512,320	Aug. 1948	47,600	May 2, 1956
Cottonseed meal	Memphis Board of Trade Clearing Association	July 1, 1931	Thousand tons	860.4	1941-42	162.8	Sept. 1941	18.4	Sept. 30, 1949
Soybean meal	Chicago Board of Trade	Aug. 29, 1951	do.	71,760.4	1969-70	8,997.2	June 1970	864.3	Mar. 6, 1970
Live beef cattle	Chicago Mercantile Exchange	Nov. 30, 1964	25,000 pounds ^{6/}	860,858	1969-70	153,757	July 1969	13,820	Mar. 28, 1969
Choice steers	Chicago Board of Trade	Oct. 4, 1966	27,600 pounds ^{2/}	46,067	1968-69	10,050	June 1969	1,200	Mar. 27, 1969
Live hogs	Chicago Mercantile Exchange	Feb. 28, 1966	30,000 pounds ^{7/}	119,716	1969-70	13,882	Jan. 1970	1,477	Dec. 24, 1969
Frozen pork bellies	Chicago Mercantile Exchange	Sept. 18, 1961	30,000 pounds ^{8/}	2,287,252	1969-70	224,152	Nov. 1969	17,865	May 21, 1969
Frozen concentrated orange juice	Citrus Associates of the New York Cotton Exchange	Oct. 26, 1966	15,000 pounds ^{2/}	179,906	1968-69	22,176	Oct. 1968	2,061	Mar. 26, 1969

^{1/} Year ending June 30.

^{2/} Contract unit.

^{3/} Contract unit. In contracts of 30,000 pounds in all futures prior to the 1967 September future and 36,000 pounds beginning with that future.

^{4/} Includes close-outs of 11,344 contracts on November 23, 1963, at exchange-dictated prices.

^{5/} Close-outs at exchange-dictated prices.

^{6/} Contract unit. In contracts of 25,000 pounds in all futures prior to the 1969 August future and 40,000 pounds beginning with that future.

^{7/} Contract unit. In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future.

^{8/} Contract unit. In contracts of 30,000 pounds in all futures prior to the 1971 February future and 36,000 pounds beginning with that future.

NOTE: The beginning of the period is the date when trading data are first available. Except as indicated below, the period for each commodity and market covered in the table is from the beginning date shown to June 30, 1970. For certain commodities and markets, daily volume of trading figures are not available until the following dates: Barley, Minneapolis Associates of the New York Cotton Exchange, September 1, 1935; frozen eggs, Chicago Mercantile Exchange, August 1, 1957; cottonseed oil, New York Produce Exchange, November 1, 1919; lard, Chicago Board of Trade, January 4, 1947; cottonseed meal, Memphis Board of Trade Clearing Association, December 7, 1940; live beef cattle, live hogs, and frozen pork bellies, Chicago Mercantile Exchange, January 2, 1968; choice steers, Chicago Board of Trade, June 3, 1968; and frozen concentrated orange juice, Citrus Associates of the New York Cotton Exchange, July 1, 1968.

Table 5. Largest monthly and daily volume of trading on principal markets during the year, July 1969 to June 1970

Commodity	Market	Unit	Largest monthly volume of trading		Largest daily volume of trading	
			Amount	Month	Amount	Date
Wheat	Chicago Board of Trade	Thousand bushels	446,845	July 1969	36,355	July 29, 1969
	Minneapolis Grain Exchange	do.	23,765	Aug. 1969	1,974	February 27, 1970
	Kansas City Board of Trade	do.	92,635	July 1969	9,060	June 29, 1970
Corn	Chicago Board of Trade	do.	1,113,835	July 1969	130,845	July 25, 1969
Oats	Chicago Board of Trade	do.	62,859	October 1969	9,035	November 28, 1969
Rye	Chicago Board of Trade	do.	9,160	July 1969	865	July 29, 1969
Soybeans	Chicago Board of Trade	do.	1,132,305	June 1970	104,730	June 30, 1970
Grain sorghums	Kansas City Board of Trade	Million pounds	69.7	September 1969	11.5	November 11, 1969
Cotton	New York Cotton Exchange	Thousand bales	853.9	November 1969	135.6	November 11, 1969
Wool	Wool Associates of the New York Cotton Exchange	6,000 pounds ^{1/}	665	November 1969	81	March 17, 1970
Eggs (Shell)	Chicago Mercantile Exchange	Carlots	82,304	December 1969	7,508	December 5, 1969
Potatoes	New York Mercantile Exchange	do.	59,000	March 1970	7,279	May 8, 1970
Soybean oil	Chicago Board of Trade	60,000 pounds ^{1/}	316,756	April 1970	19,626	April 23, 1970
Soybean meal	Chicago Board of Trade	Thousand tons	8,977.2	June 1970	864.3	March 6, 1970
Live beef cattle	Chicago Mercantile Exchange	40,000 pounds ^{1/}	153,757	July 1969	12,503	July 25, 1969
Choice steers	Chicago Board of Trade	27,600 pounds ^{1/}	8,176	July 1969	916	July 18, 1969
Frozen boneless beef	Chicago Mercantile Exchange	36,000 pounds ^{1/}	838	April 1970	319	April 15, 1970
Live hogs	Chicago Mercantile Exchange	20,000 pounds ^{2/}	13,882	January 1970	1,477	December 24, 1969
Frozen pork bellies	Chicago Mercantile Exchange	30,000 pounds ^{3/}	224,152	November 1969	16,766	November 13, 1969
Frozen concentrated orange juice	Citrus Associates of the New York Cotton Exchange	15,000 pounds ^{1/}	18,383	January 1970	1,725	January 8, 1970

^{1/} Contract unit. In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future.
^{2/} Contract unit. In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future.
^{3/} Contract unit. In contracts of 30,000 pounds in all futures prior to the 1971 February future and 36,000 pounds beginning with that future.

Table 7. Estimated number of transactions, in terms of contract units, one side only, regulated commodities, all contract markets combined, 1960-61 to 1969-70

Commodity	(In thousands of transactions)									
	Year beginning July									
	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
Wheat	945	828	1,112	1,154	563	1,200	2,085	1,852	1,386	743
Corn	450	1,027	731	772	740	1,075	2,614	1,512	1,717	1,300
Oats	171	324	179	124	97	80	114	83	139	107
Rye	106	292	162	146	52	80	55	39	27	11
Barley	0	0	1/	1/	0	0	0	0	0	0
Flaxseed	18	26	6	1	1/	1/	0	0	0	0
Soybeans	2,826	1,051	1,803	2,973	3,507	3,256	1,900	981	943	1,287
Grain sorghams	1/	1/	1/	1/	0	0	12	3	2	1
Rice	0	0	0	1/	1/	0	0	0	0	0
Cotton	29	35	30	9	2	1	1	197	154	33
Wool	70	70	32	36	22	46	24	15	8	5
Wool tops	4	2	1	1	1/	1/	1/	1/	1/	1/
Butter	0	0	0	0	0	1/	5	1/	1/	1/
Eggs (Shell)	490	269	297	134	64	96	71	41	257	689
Eggs (Frozen)	100	127	59	60	6	20	3	1	2	1/
Potatoes	190	238	152	178	602	413	702	412	567	425
Cottonseed oil	89	58	79	92	28	9	4	1/	1/	0
Soybean oil	390	272	393	429	566	507	430	267	426	1,672
Lard	16	10	1	---	---	---	---	---	---	---
Killfeeds ^{1/}	---	1/	1/	---	---	---	---	---	---	---
Cottonseed meal	1/	1/	1/	1/	1/	0	0	0	0	0
Soybean meal	254	272	333	270	302	377	423	333	406	718
Live beef cattle	---	---	---	---	26	107	251	281	625	861
Live feeder cattle	---	---	---	---	---	1/	1	1/	---	---
Choice steers	---	---	---	---	---	---	18	27	46	26
Frozen boneless beef	---	---	---	---	---	---	---	---	---	1
Live hogs	---	---	---	---	---	4	9	11	13	120
Frozen pork bellies	---	1	1	66	389	779	845	1,312	1,670	2,287
Frozen skinned hams	---	---	---	1/	1/	1/	1/	1/	1/	1/
Hides	6	6	4	11	4	10	6	3	1	1/
Frozen concentrated orange juice	---	---	---	---	---	---	7	78	180	87
Total	5,734	4,564	5,375	6,456	7,372	8,310	9,580	7,428	8,569	10,313

^{1/} Less than 500 transactions.^{2/} Estimated number of transactions for bran, shorts, and middlings is combined. For data on each of these commodities, see Commodity Futures Statistics for July 1960 - June 1961.

NOTE: Beginning with this issue, the number of transactions is estimated on the basis of purchases or sales (one side only) in terms of contract units. In prior issues of Commodity Futures Statistics, the estimated number of transactions was based on purchases plus sales.

See Table 1 for dates of inauguration, suspension, and resumption of trading.

VOLUME OF TRADING

Table 8. Estimated value of futures trading in regulated commodities, all contract markets combined, 1960-61 to 1969-70

Commodity	(In millions of dollars)									
	Year beginning July									
	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
Wheat	4,955.0	8,668.8	10,794.9	10,643.3	4,210.7	9,958.9	18,644.3	13,818.5	9,003.3	5,162.7
Corn	2,417.3	5,518.8	4,002.1	4,469.0	4,644.2	6,698.2	18,398.8	8,935.6	10,006.6	7,912.6
Oats	555.7	1,124.6	600.6	415.6	330.5	275.6	430.4	297.8	459.8	336.6
Rye	559.6	1,828.2	937.9	961.4	388.7	512.2	356.5	234.5	160.3	63.5
Barley	0	0	.1	.1	0	0	0	0	0	0
Flaxseed	53.2	54.0	21.0	2.7	.2	.1	0	0	0	0
Soybeans	34,054.4	12,029.9	21,274.4	37,183.8	56,042.9	46,232.5	28,637.6	12,956.8	12,126.7	16,358.3
Grain sorghams	1.9	.3	.3	1.1	0	0	70.6	13.4	11.5	4.9
Rice	0	0	0	.2	.1	0	0	0	0	0
Cotton	474.9	611.3	486.4	152.2	32.2	7.9	10.7	3,255.1	2,235.6	432.6
Wool	506.3	913.8	249.1	298.5	162.6	367.2	184.2	107.8	55.3	33.0
Wool tops	39.6	12.7	7.4	4.7	1.9	1.4	1.5	1.2	.6	.3
Butter	0	0	0	0	0	7.4	116.8	.2	.3	.1
Eggs (Shell)	2,661.2	1,374.1	1,477.0	695.9	314.9	486.9	423.4	258.5	1,889.4	5,166.9
Eggs (Frozen)	839.6	995.9	443.2	472.7	52.2	158.1	27.2	10.1	19.9	.7
Potatoes	254.2	275.7	194.5	273.3	1,490.6	753.0	1,235.2	580.5	995.5	834.6
Cottonseed oil	750.0	485.0	594.8	694.1	223.6	73.6	34.0	2.4	.1	0
Soybean oil	2,370.9	1,666.5	2,077.0	2,215.8	3,666.4	3,741.1	2,917.7	1,397.1	2,045.5	10,350.4
Lard	72.4	37.4	2.0	---	---	---	---	---	---	---
Millfeeds ^{1/2}	---	.4	.8	---	---	---	---	---	---	---
Cottonseed meal	1.0	.1	.3	.2	.2	0	0	0	0	0
Soybean meal	1,563.9	1,537.9	2,136.7	1,881.0	1,956.6	2,614.8	3,343.3	2,470.9	3,061.4	5,342.3
Live beef cattle	---	---	---	---	173.3	711.6	1,618.0	1,873.0	6,141.8	10,313.6
Live feeder cattle	---	---	---	---	---	.6	4.2	.2	---	---
Choice steers	---	---	---	---	---	---	125.2	203.1	383.1	209.7
Frozen boneless beef	---	---	---	---	---	---	---	---	---	22.2
Live hogs	---	---	---	---	---	17.7	41.2	44.7	60.4	709.1
Frozen pork bellies	---	5.7	9.6	493.4	3,750.5	10,475.2	9,731.1	12,998.3	17,310.1	29,034.4
Frozen skinned hams	---	---	---	1.8	2.1	4.5	4.0	3.8	2.5	9.3
Hides	41.4	44.6	23.9	48.7	22.0	85.7	37.4	14.1	3.1	.3
Frozen concentrated orange juice	---	---	---	---	---	---	36.2	607.8	1,514.9	577.5
Total	52,368.5	36,766.7	45,334.0	60,909.5	77,446.4	83,145.2	86,430.5	60,080.4	67,487.7	92,875.6

^{1/2} Estimated value of futures trading for bran, shorts, and middlings is combined. For data on each of these commodities, see Commodity Futures Statistics for July 1960-June 1961.

NOTE: See table 1 for dates of inauguration, suspension, and resumption of trading.

Table 9. Number of monthend open contracts, in terms of contract units, all contract markets combined, regulated commodities, 1960-61 to 1969-70

Commodity	(Based on average of monthend open contracts)									
	Year beginning July									
	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
Wheat	19,798	33,934	29,984	25,691	24,258	32,043	42,402	48,268	42,966	26,622
Corn	16,604	38,429	24,620	25,334	31,741	33,568	65,142	46,952	49,261	40,354
Oats	7,492	11,756	6,762	5,733	4,589	3,223	5,018	2,814	4,268	5,119
Rye	2,452	6,449	3,132	2,921	1,815	2,155	2,013	1,708	1,014	581
Barley	0	0	2	3	0	0	0	0	0	0
Flaxseed	161	190	101	17	2	1	0	0	0	0
Soybeans	39,449	31,557	34,005	51,109	59,779	47,843	42,927	34,508	33,385	38,331
Grain sorghums	46	11	8	51	0	0	712	184	181	69
Rice	0	0	0	1	1	0	0	0	0	0
Cotton	3,670	4,130	2,820	1,233	384	205	247	5,691	5,812	2,290
Wool	5,737	7,548	3,247	2,675	1,958	4,236	2,727	2,217	1,422	805
Wool tops	636	263	141	58	32	34	25	21	17	19
Butter	0	0	0	0	0	30	228	1	1	2
Eggs (Shell)	8,112	5,832	4,506	2,509	1,369	2,252	1,152	1,208	4,119	6,982
Eggs (Frozen)	1,614	1,991	2,038	968	180	508	132	98	125	5
Potatoes	6,558	9,870	7,462	6,325	13,244	13,429	15,488	14,702	16,771	12,162
Cottonseed oil	4,060	2,667	4,880	3,743	1,357	435	224	27	5	0
Soybean oil	10,041	9,672	15,200	18,424	17,454	17,336	15,135	10,789	16,089	26,923
Lard	544	490	39	---	---	---	---	---	---	---
Milliceds ^{1/}	---	41	33	---	---	---	---	---	---	---
Cottonseed meal	15	2	4	2	3	0	0	0	0	0
Soybean meal	7,439	8,602	9,181	10,962	12,445	12,037	23,050	11,390	15,012	21,555
Live beef cattle	---	---	---	---	1,945	6,731	16,245	16,460	22,427	21,564
Live feeder cattle	---	---	---	---	---	59	99	15	---	---
Choice steers	---	---	---	---	---	---	1,631	1,859	1,600	646
Frozen boneless beef	---	---	---	---	---	---	---	---	---	285
Live hogs	---	---	---	---	---	689	533	731	732	4,067
Frozen pork bellies	---	98	73	862	6,295	11,100	12,086	15,412	17,754	19,155
Frozen skinned hams	---	---	---	37	16	20	15	23	15	27
Hides	413	335	256	559	321	331	295	310	116	10
Frozen concentrated orange juice	---	---	---	---	---	---	556	3,660	5,619	3,317
Total	134,821	173,927	147,534	159,217	179,186	182,265	238,043	219,346	238,732	230,890

^{1/} Number of monthend open contracts for bran, shorts, and middlings is combined. For data on each of these commodities, see Commodity Futures Statistics for July 1960 - June 1961.

NOTE: See table 1 for date of inauguration, suspension, and resumption of trading.

Table 10. Annual average of monthend open contracts on each contract market, 1960-61 to 1969-70

Commodity and market	Unit	(Average of open contracts at end of each month ^{1/})									
		Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
WHEAT											
Chicago Board of Trade	Million bushels	79.2	139.9	120.0	101.8	97.6	123.1	164.9	179.2	167.2	96.4
Chicago Open Board of Trade	do.	.4	.5	.5	.5	.4	.7	.7	1.9	1.5	1.4
Minneapolis Grain Exchange	do.	6.4	7.1	5.5	5.1	4.2	7.6	9.2	9.3	9.8	6.7
Kansas City Board of Trade	do.	13.0	22.5	23.9	21.1	19.1	28.9	37.2	50.4	36.4	28.6
Milwaukee Grain Exchange	do.	2/	2/	2/	2/	2/	2/ 2/	---	---	---	---
Total	do.	99.0	170.0	149.9	128.5	121.3	160.2	212.0	240.8	214.9	133.1
CRW											
Chicago Board of Trade	do.	82.8	191.7	122.9	126.5	158.6	167.6	323.1	233.4	245.3	200.7
Chicago Open Board of Trade	do.	.2	.3	.2	.1	.1	.2	.6	1.1	1.0	1.1
Minneapolis Grain Exchange	do.	2/	.1	0	.1	0	0	2.0	.3	2/	2/
Kansas City Board of Trade	do.	2/	2/	2/	2/	2/	2/ 2/	---	---	---	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	83.0	192.1	123.1	126.7	158.7	167.8	325.7	234.8	246.3	201.8
OATS											
Chicago Board of Trade	do.	36.3	57.4	33.6	28.7	22.8	16.0	25.0	14.0	21.0	24.7
Chicago Open Board of Trade	do.	.2	.2	.1	2/	.1	.1	.1	.1	.3	.9
Minneapolis Grain Exchange	do.	.9	1.1	.1	0	0	0	0	2/	9	2/
Kansas City Board of Trade	do.	.1	.1	2/	2/	2/	2/ 2/	---	---	---	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	37.5	58.8	33.8	28.7	22.9	16.1	25.1	14.1	21.3	25.6
RYE											
Chicago Board of Trade	do.	12.0	31.6	15.4	14.5	9.0	10.7	10.0	8.4	5.0	2.7
Chicago Open Board of Trade	do.	.2	.6	.3	.1	.1	.1	.1	.1	.1	.2
Minneapolis Grain Exchange	do.	0	0	2/	0	2/	0	0	2/	2/	0
Kansas City Board of Trade	do.	.1	2/	2/	2/	2/	2/ 2/	---	---	---	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	12.3	32.2	15.7	14.6	9.1	10.8	10.1	8.5	5.1	2.9
BARLEY											
Minneapolis Grain Exchange	do.	0	0	2/	2/	0	0	0	0	0	0
FLAXSEED											
Minneapolis Grain Exchange	do.	0.8	1.0	0.5	0.1	2/	2/	0	0	0	0
SOYBEANS											
Chicago Board of Trade	do.	196.3	156.8	169.3	254.5	297.7	338.1	213.6	173.4	166.2	190.5
Chicago Open Board of Trade	do.	.9	1.0	.7	1.0	1.2	1.1	.7	1.1	.7	1.2
Minneapolis Grain Exchange	do.	0	0	0	0	0	0	0	0	0	0
Kansas City Board of Trade	do.	0	0	0	2/	2/	2/	0	0	0	0
New York Produce Exchange	do.	---	---	---	---	---	4/3	0	0	0	0
Total	do.	197.2	157.8	170.0	255.5	298.9	339.2	214.6	174.5	166.9	191.7
GRAIN SOYBEANS											
Kansas City Board of Trade	Million pounds	13	3	2	11	0	0	200	51	51	19
Chicago Board of Trade	do.	5/	6/0	---	7/3	0	8/0	---	---	---	---
Total	do.	13	3	2	14	0	0	200	51	51	19
RICE											
New York Mercantile Exchange	Thousand pounds	0	0	0	100	100	0	0	0	0	0
COTTON											
New York Cotton Exchange	Thousand bales	354	408	274	120	38	20	25	569	581	229
New Orleans Cotton Exchange	do.	13	5	8	3	2/	---	---	---	---	---
Chicago Board of Trade	do.	10/	10/	0	0	0	0	0	0	0	0
Total	do.	367	413	282	123	38	20	25	569	581	229
WOOL											
Wool Associates of the New York Cotton Exchange	6,000 pounds ^{2/}	5,737	7,548	3,247	2,675	1,958	4,236	2,727	2,217	1,422	805
WOOL TOPS											
Wool Associates of the New York Cotton Exchange	5,000 pounds ^{1/}	636	263	141	58	32	34	25	21	17	19

Table 10. Annual average of monthend open contracts on each contract market, 1960-61 to 1969-70

Commodity and market	Unit	(Average of open contracts at end of each month ^{1/2})									
		Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
BUTTER											
Chicago Mercantile Exchange	Carlots	0	0	0	0	0	84	226	1	1	2
do.	do.	0	0	0	0	0	6	2	0	0	
Total	do.	0	0	0	0	0	30	228	1	1	2
EGGS (SHELL)											
Chicago Mercantile Exchange	do.	8,096	5,832	4,506	2,509	1,359	2,252	1,152	1,208	4,119	6,982
New York Mercantile Exchange	do.	16	0	0	0	0	0	0	0	0	0
Total	do.	8,112	5,832	4,506	2,509	1,359	2,252	1,152	1,208	4,119	6,982
EGGS (FROZEN)											
Chicago Mercantile Exchange	36,000 ^{12/} pounds	1,614	1,991	1,038	968	180	508	132	98	125	5
POTATOES											
Chicago Mercantile Exchange	Carlots	30	1	6	0	0	0	11	1,391	2,256	
do.	do.	6,528	9,869	7,456	6,325	13,244	13,429	15,488	14,691	15,380	9,906
Total	do.	6,558	9,870	7,462	6,325	13,244	13,429	15,488	14,702	16,772	12,162
COTTONSEED OIL											
Chicago Board of Trade	60,000 ^{11/} pounds	---	---	---	13/169	4	0	0	0	0	0
New York Produce Exchange	do.	4,060	2,667	4,880	3,974	1,357	435	224	27	5	0
Total	do.	4,060	2,667	4,880	3,743	1,357	435	224	27	5	0
SOYBEAN OIL											
Chicago Board of Trade	do.	9,994	9,672	15,200	18,423	17,454	17,335	15,135	10,789	16,089	26,923
New York Produce Exchange	do.	47	34	0	1	0	0	0	0	0	0
Total	do.	10,041	9,672	15,200	18,424	17,454	17,335	15,135	10,789	16,089	26,923
LARD											
Chicago Board of Trade	Thousand pounds	21,777	19,610	15/2,560	---	---	---	---	---	---	---
MILKFEEDS^{16/}											
St. Louis Merchants' Exchange	Thousand tons	---	17/4.3	18/3.4	---	---	---	---	---	---	---
COTTONSEED MEAL											
Memphis Board of Trade	do.	1.5	0.2	0.4	0.2	0	0	0	0	0	0
Clearing Association	do.	---	---	---	---	19/3	0	0	0	0	0
New York Produce Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	1.5	.2	.4	.2	.3	0	0	0	0	0
SOYBEAN MEAL											
Chicago Board of Trade	do.	739.0	857.6	916.4	1,095.4	1,244.5	1,203.7	1,309.0	1,139.0	1,501.2	2,155.5
Memphis Board of Trade	do.	2.9	2.6	1.7	.8	0	0	0	0	0	0
Clearing Association	do.	741.9	860.2	918.1	1,096.2	1,244.5	1,203.7	1,309.0	1,139.0	1,501.2	2,155.5
Total	do.	741.9	860.2	918.1	1,096.2	1,244.5	1,203.7	1,309.0	1,139.0	1,501.2	2,155.5
LIVE BEEF CATTLE											
Chicago Mercantile Exchange	25,000 ^{20/} pounds	---	---	---	---	21/1,945	6,731	16,246	16,460	22,427	21,564
LIVE FEEDER CATTLE											
Kansas City Board of Trade	25,000 ^{11/} pounds	---	---	---	---	---	22/59	99	23/15	---	---
CHOICE STEERS											
Chicago Board of Trade	27,600 ^{11/} pounds	---	---	---	---	---	---	24/2,631	1,859	1,600	646
FROZEN BONELESS BEEF											
Chicago Mercantile Exchange	36,000 ^{11/} pounds	---	---	---	---	---	---	---	---	---	25/285

OPEN CONTRACTS

Table 10. Annual average of monthend open contracts on each contract market, 1960-61 to 1969-70--Continued

Commodity and market	Unit	(Average of open contracts at end of each month ^{1/})									
		Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
LIVE HOGS Chicago Mercantile Exchange	20,000 ^{2/} pounds	---	---	---	---	---	27/689	533	731	732	4,067
FROZEN PORK BELLIES Chicago Mercantile Exchange	30,000 ^{3/} pounds	---	29/98	73	862	6,295	11,100	12,086	15,412	17,754	19,261
FROZEN SKINNED HAMS Chicago Mercantile Exchange	30,000 ^{4/} pounds	---	---	---	21/37	16	20	15	23	15	27
MEDES Commodity Exchange, Inc.	40,000 ^{5/} pounds	413	335	296	559	321	331	295	310	115	10
FROZEN CONCENTRATED ORANGE JUICE Citrus Associates of the New York Cotton Exchange	15,000 ^{6/} pounds	---	---	---	---	---	---	22/556	3,660	5,619	3,317

^{1/} In computing annual averages of monthend open contracts, yearly totals were divided by 12, although in some markets there were no contracts open at the end of one or more months. An exception was made for commodities which came under regulation during a fiscal year and for commodities in which trading was suspended. In such cases, averages were computed on the basis of the number of months during which reporting requirements were in effect and there was trading.

^{2/} Less than 50,000 bushels.

^{3/} Trading suspended January 17, 1966; 6-month average.

^{4/} Trading began September 7, 1966; 10-month average.

^{5/} Less than 500,000 pounds.

^{6/} Trading suspended April 10, 1962.

^{7/} Trading resumed October 17, 1963; 9-month average.

^{8/} Trading suspended June 20, 1966.

^{9/} Trading suspended July 9, 1964.

^{10/} Less than 500 bales.

^{11/} Contract unit.

^{12/} Contract unit. Prior to the 1967 September future contract unit was 30,000 pounds.

^{13/} Trading resumed December 9, 1963; 7-month average.

^{14/} Less than one contract.

^{15/} On February 26, 1963, trading was ordered to be discontinued with the expiration of the 1963 May future; 10-month average.

^{16/} Open contracts in bran, shorts, and middlings are combined. For data on each of these commodities, see Commodity Futures Statistics for July 1960 - June 1961.

^{17/} Trading began June 1, 1962.

^{18/} Trading suspended December 31, 1962; 6-month average.

^{19/} Trading began July 15, 1964.

^{20/} Contract unit. In contract units of 25,000 pounds in all futures prior to the 1969 August future and 40,000 pounds beginning with that future.

^{21/} Trading began November 30, 1964; 8-month average.

^{22/} Trading began June 20, 1966; 1-month only.

^{23/} Trading suspended October 23, 1967; 3-month average.

^{24/} Trading began October 4, 1966; 9-month average.

^{25/} Trading began April 15, 1970; 3-month average.

^{26/} Contract unit. In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future.

^{27/} Trading began February 23, 1966; 5-month average.

^{28/} Contract unit. In contracts of 30,000 pounds in all futures prior to the 1971 February future and 36,000 pounds beginning with that future.

^{29/} Trading began September 18, 1961; 10-month average.

^{30/} Contract unit. In contracts of 30,000 pounds in all futures prior to September 10, 1969, and 36,000 pounds after that date.

^{31/} Trading began February 3, 1964; 5-month average.

^{32/} Trading began October 26, 1966; 9-month average.

Table 12. Monthend open contracts on each contract market, July 1969 to June 1970

Commodity and market	Unit	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
WHEAT														
Chicago Board of Trade	Thousands bushels	118,015	121,625	122,100	114,525	101,630	59,045	91,715	93,520	61,235	76,905	66,515	69,465	96,358
Chicago Open Board of Trade	do.	1,133	2,106	2,078	2,355	2,488	1,569	1,272	1,061	747	669	645	1,008	1,449
Minneapolis Grain Exchange	do.	6,051	6,361	5,441	8,350	8,027	8,830	6,264	7,717	5,768	5,919	4,880	1,332	6,661
Kansas City Board of Trade	do.	40,640	36,475	32,680	28,225	25,050	31,640	34,030	28,830	20,310	17,395	14,167	32,275	28,523
Total	do.	165,839	166,567	162,299	153,255	137,225	141,084	135,281	131,128	108,060	101,088	86,205	108,374	133,061
CORN														
Chicago Board of Trade	do.	242,565	233,905	203,985	242,085	264,655	219,815	199,915	190,580	170,675	151,355	133,630	155,815	200,748
Chicago Open Board of Trade	do.	1,183	2,000	2,270	1,613	1,430	951	802	631	477	573	428	513	1,069
Kansas City Board of Trade	do.	0	0	0	0	0	0	0	0	0	0	0	10	1
Total	do.	243,748	235,905	206,255	243,698	266,085	220,766	200,717	191,211	171,152	151,928	134,058	156,338	201,818
ONTS														
Chicago Board of Trade	do.	22,135	28,085	36,960	42,190	35,570	33,145	28,005	21,410	16,115	13,265	9,235	10,340	24,701
Chicago Open Board of Trade	do.	615	1,392	2,095	1,569	1,616	1,036	866	498	326	311	197	198	892
Minneapolis Grain Exchange	do.	0	0	0	0	0	0	0	0	0	0	0	15	1
Total	do.	22,750	29,477	39,055	43,759	37,186	34,181	28,871	21,908	16,441	13,576	9,432	10,553	25,594
RYE														
Chicago Board of Trade	do.	3,630	3,655	1,580	3,575	2,970	2,890	2,845	3,100	2,230	1,970	1,400	970	2,735
Chicago Open Board of Trade	do.	53	274	324	226	218	155	196	184	164	129	27	37	168
Total	do.	3,683	3,929	1,904	3,801	3,188	3,045	3,041	3,284	2,414	2,099	1,427	1,007	2,903
SOYBEANS														
Chicago Board of Trade	do.	155,435	160,440	186,525	233,745	197,955	197,125	175,715	181,310	170,200	182,835	181,715	262,270	190,439
Chicago Open Board of Trade	do.	733	894	1,448	1,777	2,155	1,300	1,348	1,232	898	868	825	972	1,217
Total	do.	156,168	161,334	187,973	235,522	200,110	198,425	177,063	182,542	171,098	183,724	182,610	263,242	191,656
GRAIN SORGHUMS														
Kansas City Board of Trade	Million pounds	9.8	31.4	50.4	60.2	57.1	3.1	5.9	5.6	3.1	3.1	0.3	2.5	19.4
COTTON														
New York Cotton Exchange Contract No. 2	Thousands bales	228.7	209.9	209.5	318.9	360.9	299.1	264.8	222.5	180.9	164.3	149.9	139.0	229.0
WOOL														
Wool Associates of the New York Cotton Exchange	6,000 pounds ^{1/2}	1,004	1,095	1,006	882	942	881	810	693	680	654	523	495	805
WOOL TOPS														
Wool Associates of the New York Cotton Exchange	5,000 pounds ^{1/2}	15	12	15	20	25	25	24	22	18	18	18	19	19
BUTTER														
Chicago Mercantile Exchange	Carlots	11	11	0	0	0	0	0	0	0	0	0	0	2
EGGS (SHELL)														
Chicago Mercantile Exchange	do.	7,667	8,764	8,059	7,112	7,338	7,540	8,052	8,032	5,300	5,603	5,355	4,959	6,982
EGGS (FRESH)														
Chicago Mercantile Exchange Whole	36,000 pounds ^{1/2}	8	8	7	6	7	4	0	0	0	5	5	6	5
POTATOES														
New York Mercantile Exchange	do.	7,366	9,663	11,744	12,488	10,745	11,403	13,003	14,273	11,855	9,593	2,010	4,121	9,856
Maine Grown	do.	74	68	76	76	69	58	57	55	51	24	0	0	50
Idaho Russet	do.	809	1,068	1,719	2,443	2,520	2,810	3,885	4,659	3,938	2,957	20	131	2,256
Idaho Russet	do.	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	do.	8,249	10,799	13,539	15,118	13,330	14,271	16,945	18,987	15,844	12,574	2,030	4,252	12,162
SOYBEAN OIL														
Chicago Board of Trade	60,000 pounds ^{1/2}	16,261	15,789	21,689	27,034	29,063	27,581	26,813	29,277	30,540	34,265	33,015	31,748	26,923
SOYBEAN MEAL														
Chicago Board of Trade	Thousands tons	1,301.1	1,248.8	1,647.3	2,078.8	1,761.9	1,817.3	2,305.8	2,695.5	2,506.6	2,887.3	2,822.8	2,702.3	2,155.5

CFEX CONTRACTS

Table 12. Monthend open contracts on each contract market, July 1969 to June 1970—Continued

Commodity and market	Unit	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
LIVE BEEF CATTLE Chicago Mercantile Exchange	40,000 ^{1/} pounds ^{2/}	29,100	31,082	32,683	24,297	22,955	19,796	18,025	16,180	17,985	15,707	16,696	14,257	21,564
ORANGE STEERS Chicago Board of Trade	27,600 ^{3/} pounds ^{4/}	1,145	1,011	1,145	884	890	858	570	147	339	256	124	87	646
FROZEN BONELESS BEEF Chicago Mercantile Exchange	36,000 ^{5/} pounds ^{6/}	---	---	---	---	---	---	---	---	---	2/279	392	285	3/285
LIVE HOGS Chicago Mercantile Exchange	20,000 ^{7/} pounds ^{8/}	1,652	2,227	3,367	3,249	3,657	2,911	4,043	3,039	2,755	1,944	831	---	4/2,661
	30,000 ^{9/} pounds ^{10/}	---	---	---	---	5/28	209	450	877	1,564	2,565	2,618	2,936	6/1,406
FROZEN PORK BELLIES Chicago Mercantile Exchange	30,000 ^{11/} pounds ^{12/}	14,168	13,493	18,572	23,188	26,148	23,630	21,245	18,744	16,639	17,285	11,140	12,192	18,037
	35,000 ^{13/} pounds ^{14/}	---	---	---	---	---	---	---	---	7/221	806	1,326	2,542	8/1,224
FROZEN SKINNED HAMS Chicago Mercantile Exchange	36,000 ^{15/} pounds ^{16/}	0	0	93	156	0	0	20	20	4	7	9	12	27
HIDES Commodity Exchange, Inc.	40,000 ^{17/} pounds ^{18/}	32	32	24	6	6	5	3	3	3	3	3	2	10
FROZEN CONCENTRATED ORANGE JUICE Citrus Associates of the New York Cotton Exchange	35,000 ^{19/} pounds ^{20/}	4,378	4,217	3,400	4,191	3,460	3,286	3,842	3,430	2,807	2,663	1,830	2,298	3,317

^{1/} Contract unit.^{2/} Trading began April 15, 1970.^{3/} 3-month average.^{4/} 11-month average.^{5/} Trading began November 10, 1969. Beginning with the 1970 July future, contract unit was changed from 20,000 pounds to 30,000 pounds.^{6/} 8-month average.^{7/} Trading began March 24, 1970. Beginning with the 1971 February future, contract unit was changed from 30,000 pounds to 36,000 pounds.^{8/} 4-month average.

OPEN CONTRACTS

Table 13. Midmonth and monthend open contracts on principal markets, by future, July 1969 to June 1970

Future	July 15	July 31	Aug. 15	Aug. 31	Sept. 15	Sept. 30	Oct. 15	Oct. 31	Nov. 15	Nov. 30	Dec. 15	Dec. 31
WHEAT, Chicago Board of Trade (in thousands of bushels)												
1969 July	4,470	---	---	---	---	---	---	---	---	---	---	---
1969 September	36,065	29,960	22,965	15,710	2,695	---	---	---	---	---	---	---
1969 December	32,590	39,070	43,375	44,825	53,365	49,270	43,670	34,050	24,080	14,295	4,225	---
1970 March	24,120	32,080	36,505	35,460	38,455	37,210	36,360	35,210	34,785	37,715	41,515	43,165
1970 May	7,550	14,655	20,695	21,205	26,450	26,850	27,150	27,040	27,955	28,990	23,965	27,825
1970 July	---	2,290	1,810	4,425	5,790	8,595	13,255	15,335	16,940	17,645	19,605	22,515
1970 September	---	---	---	---	---	---	175	1,950	2,090	2,440	3,025	3,625
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	1,265
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	104,795	118,015	126,950	121,625	126,755	122,100	122,535	114,525	105,800	101,630	94,935	99,045
WHEAT, Minneapolis Grain Exchange (in thousands of bushels)												
1969 September (old)	145	130	107	66	20	---	---	---	---	---	---	---
1969 September (new)	3,768	3,173	3,236	2,138	278	---	---	---	---	---	---	---
1969 December	3,575	2,748	2,516	3,432	3,394	3,016	4,107	3,714	2,390	1,021	65	---
1970 March	---	---	280	75	1,250	2,415	3,040	4,312	5,090	5,925	6,593	7,154
1970 June	---	---	---	---	---	10	299	325	650	1,021	1,166	1,676
1970 September	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
Total	5,488	6,051	6,139	6,361	4,942	5,441	7,442	8,350	8,070	8,027	7,814	8,830
WHEAT, Kansas City Board of Trade (in thousands of bushels)												
1969 July	525	---	---	---	---	---	---	---	---	---	---	---
1969 September	15,310	13,870	9,835	4,610	1,090	---	---	---	---	---	---	---
1969 December	8,025	13,800	15,995	17,965	21,610	18,105	16,290	11,830	7,075	2,965	690	---
1970 March	8,630	11,355	11,420	10,855	10,365	10,905	10,325	11,065	12,325	15,690	19,735	21,140
1970 May	795	1,355	1,895	2,210	2,690	2,490	2,730	2,705	3,045	3,800	4,505	5,795
1970 July	---	60	310	815	1,175	1,160	1,320	1,690	1,925	2,360	2,755	4,390
1970 September	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	34,285	40,640	39,495	36,475	36,060	32,680	30,735	28,295	24,640	25,020	27,975	31,640
CORN, Chicago Board of Trade (in thousands of bushels)												
1969 July	25,955	---	---	---	---	---	---	---	---	---	---	---
1969 September	54,785	44,815	42,965	30,315	20,240	---	---	---	---	---	---	---
1969 December	113,490	97,315	81,000	84,585	84,175	85,825	82,230	81,380	79,120	36,985	18,735	---
1970 March	60,280	56,920	56,675	57,380	57,665	59,935	64,805	76,510	81,390	95,210	99,610	91,910
1970 May	39,915	40,695	40,180	42,755	43,005	45,110	49,600	53,385	57,655	63,605	69,920	69,180
1970 July	---	2,820	7,695	10,870	11,305	12,930	22,950	25,510	33,735	41,755	41,810	46,420
1970 September	---	---	---	---	---	---	185	3,285	5,300	5,500	7,500	9,220
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	293,520	242,565	234,915	222,905	216,390	203,985	226,480	242,085	259,420	264,655	243,499	219,815
OATS, Chicago Board of Trade (in thousands of bushels)												
1969 July	1,180	---	---	---	---	---	---	---	---	---	---	---
1969 September	9,010	9,970	8,695	4,920	315	---	---	---	---	---	---	---
1969 December	6,465	8,220	11,055	14,375	17,865	20,580	22,150	20,495	16,780	9,395	1,470	---
1970 March	2,900	3,220	4,585	6,225	6,285	10,365	11,135	12,940	14,130	16,230	19,590	20,975
1970 May	590	1,125	1,710	2,490	3,890	5,760	6,990	7,820	7,745	7,555	7,995	8,335
1970 July	---	---	---	75	120	255	550	945	1,375	1,800	2,270	2,570
1970 September	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	100	350	525	590	895	1,265
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	21,045	22,135	26,125	28,085	30,475	36,960	40,925	42,190	40,555	35,970	32,220	31,145
RTE, Chicago Board of Trade (in thousands of bushels)												
1969 July	60	---	---	---	---	---	---	---	---	---	---	---
1969 September	1,490	1,505	1,320	860	110	---	---	---	---	---	---	---
1969 December	1,575	1,455	1,580	1,615	1,710	1,960	1,725	1,390	1,240	885	85	---
1970 March	300	370	360	390	465	565	725	995	1,085	1,185	1,160	1,210
1970 May	160	260	335	770	865	1,015	1,090	1,140	1,140	1,210	1,240	1,445
1970 July	---	---	---	---	40	40	45	50	50	70	145	185
1970 September	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
Total	3,581	3,630	3,795	3,655	3,190	3,560	3,585	3,575	3,535	2,970	2,665	2,890

Table 13. Midmonth and monthend open contracts on principal markets, by future, July 1969 to June 1970

Future	Jan. 15	Jan. 31	Feb. 15	Feb. 28	Mar. 15	Mar. 31	Apr. 15	Apr. 30	May 15	May 31	June 15	June 30
WHEAT, Chicago Board of Trade (In thousands of bushels)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 March	38,360	32,495	24,955	15,280	8,785	---	---	---	---	---	---	---
1970 May	27,010	26,315	30,415	31,585	33,990	27,665	22,855	16,300	9,175	---	---	---
1970 July	23,315	23,565	23,210	27,235	28,105	27,210	27,365	27,590	26,575	24,730	19,965	14,945
1970 September	4,325	4,310	4,340	4,955	5,600	6,120	7,255	8,400	10,385	13,010	14,875	17,050
1970 December	1,530	2,630	9,395	14,465	17,310	20,100	23,630	22,910	24,075	23,715	24,960	25,465
1971 March	---	---	---	---	---	140	1,230	1,705	2,320	3,010	3,800	10,080
1971 May	---	---	---	---	---	---	---	---	50	1,295	1,925	---
Total	94,740	91,725	94,425	93,520	92,850	81,235	82,635	76,905	72,530	66,515	64,895	69,465
WHEAT, Minneapolis Grain Exchange (In thousands of bushels)												
1969 September (old)	---	---	---	---	---	---	---	---	---	---	---	---
1969 September (new)	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 March	6,220	4,912	3,093	879	42	---	---	---	---	---	---	---
1970 July	2,135	3,272	4,404	6,588	6,365	5,030	5,139	4,623	3,519	2,512	921	---
1970 September	---	80	245	250	393	559	876	1,296	1,621	2,368	4,066	4,286
1970 December	---	---	---	---	---	---	---	---	---	---	30	50
Total	8,355	8,264	7,792	7,717	6,800	5,768	6,015	5,919	5,140	4,860	5,017	4,322
WHEAT, Kansas City Board of Trade (In thousands of bushels)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 March	22,530	18,785	14,990	8,910	2,070	---	---	---	---	---	---	---
1970 May	6,935	9,770	10,410	13,065	14,270	11,960	7,660	4,160	1,085	---	---	---
1970 July	9,115	5,135	5,345	6,330	6,615	7,375	7,730	10,685	8,370	8,025	6,970	5,050
1970 September	220	340	340	500	525	830	990	1,390	2,080	2,730	4,595	11,935
1970 December	---	---	---	25	35	140	250	1,150	1,870	3,345	6,360	13,070
1971 March	---	---	---	---	---	5	5	5	30	40	180	700
1971 May	---	---	---	---	---	---	---	---	---	5	15	20
Total	34,700	34,030	31,495	28,830	23,515	20,310	16,595	17,395	13,375	14,165	16,120	33,975
OATS, Chicago Board of Trade (In thousands of bushels)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 March	81,115	66,675	53,780	35,990	15,585	---	---	---	---	---	---	---
1970 May	66,225	64,645	66,600	66,400	69,120	68,025	50,235	30,405	10,905	---	---	---
1970 July	46,865	48,130	53,990	55,805	55,010	58,855	67,605	65,040	66,175	62,725	53,685	34,485
1970 September	11,190	11,905	14,135	15,145	13,865	17,040	17,930	19,830	21,100	21,100	22,220	31,305
1970 December	3,715	7,420	10,695	14,645	19,345	23,820	30,270	33,910	42,240	43,195	49,655	68,400
1971 March	5	1,140	2,280	2,595	2,905	2,935	3,400	4,425	5,630	6,990	8,525	15,930
1971 May	---	---	---	---	---	---	---	---	20	3,695	7,672	---
Total	209,075	199,915	197,500	190,580	177,850	170,675	169,440	151,395	144,780	133,630	138,280	195,815
OATS, Chicago Board of Trade (In thousands of bushels)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 March	20,285	16,390	12,350	7,855	2,625	---	---	---	---	---	---	---
1970 May	8,415	6,865	6,330	8,030	9,150	10,115	8,160	5,880	3,095	---	---	---
1970 July	2,790	2,850	3,035	3,170	3,310	3,150	3,195	3,405	4,100	4,950	4,220	2,555
1970 September	1,545	1,900	1,970	1,985	2,110	2,100	2,425	2,635	2,535	2,830	3,015	3,235
1970 December	---	---	260	370	535	750	1,215	1,345	1,660	1,855	2,075	3,235
1971 March	---	---	---	---	---	---	---	---	---	---	90	630
1971 May	---	---	---	---	---	---	---	---	---	---	120	470
Total	33,035	28,005	23,945	21,410	17,730	16,115	14,995	13,265	11,390	9,235	9,920	10,340
RYE, Chicago Board of Trade (In thousands of bushels)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 March	1,290	1,080	975	805	390	---	---	---	---	---	---	---
1970 May	1,515	1,370	1,425	1,505	1,410	1,370	1,230	815	90	---	---	---
1970 July	280	315	405	595	610	550	565	735	785	785	460	205
1970 September	45	80	185	195	300	295	310	325	345	335	430	390
1970 December	---	---	---	---	---	15	45	95	270	330	390	375
1971 March	---	---	---	---	---	---	---	---	---	---	30	40
Total	3,130	2,845	3,020	3,100	2,700	2,230	2,150	1,970	1,490	1,400	1,330	970

Table 13. Midmonth and month-end open contracts on principal markets, by future, July 1969 to June 1970—Continued

Future	July 15	July 31	Aug. 15	Aug. 31	Sept. 15	Sept. 30	Oct. 15	Oct. 31	Nov. 15	Nov. 30	Dec. 15	Dec. 31
SOYBEAN OIL, Chicago Board of Trade (In contracts of 60,000 pounds)												
1969 July	772	---	---	---	---	---	---	---	---	---	---	---
1969 August	3,187	2,532	626	---	---	---	---	---	---	---	---	---
1969 September	1,301	1,365	1,916	1,862	892	---	---	---	---	---	---	---
1969 October	2,591	2,595	3,019	3,265	3,899	4,796	---	---	---	---	---	---
1969 November	4,535	4,732	4,623	4,328	5,128	3,977	2,162	---	---	---	---	---
1970 January	2,847	2,839	2,706	2,635	2,812	3,577	4,592	6,533	6,485	4,284	1,717	---
1970 March	1,891	1,785	2,004	1,911	2,153	2,662	3,715	4,384	4,231	4,836	6,883	6,245
1970 May	409	498	220	970	1,480	2,725	3,923	4,493	5,023	5,614	7,097	7,787
1970 July	---	25	146	368	917	1,724	2,126	2,570	3,242	3,476	3,717	3,800
1970 August	---	---	---	---	22	232	518	742	1,078	1,392	1,541	1,378
1970 September	---	---	---	---	---	18	260	475	771	858	936	896
1970 October	---	---	---	---	---	---	---	45	321	409	731	808
1970 November	---	---	---	---	---	---	---	---	---	---	---	24
1971 January	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	17,553	16,261	15,480	15,789	17,305	21,689	25,181	27,054	31,832	29,063	28,604	27,581
SOYBEAN MEAL, Chicago Board of Trade (In thousands of tons)												
1969 July	24.4	---	---	---	---	---	---	---	---	---	---	---
1969 August	198.8	170.9	44.4	---	---	---	---	---	---	---	---	---
1969 September	120.2	100.3	139.8	83.9	41.5	---	---	---	---	---	---	---
1969 October	281.7	242.9	248.6	248.7	232.4	196.4	68.3	---	---	---	---	---
1969 November	351.4	342.3	361.2	366.1	385.5	508.4	596.8	664.7	980.9	249.9	26.6	---
1970 January	170.0	184.5	199.8	202.0	240.7	313.4	364.8	520.3	480.6	346.3	280.0	342.6
1970 March	172.4	170.8	172.6	205.4	218.1	300.5	327.7	395.0	423.5	377.8	398.0	479.2
1970 May	61.3	62.3	80.9	91.5	105.0	172.0	236.9	306.1	351.2	312.4	369.4	395.8
1970 August	---	7.1	20.3	33.2	62.8	118.8	196.4	178.7	242.9	248.1	274.9	319.9
1970 September	---	---	---	---	32.5	36.5	52.6	74.8	109.3	109.7	123.4	144.7
1970 October	---	---	---	---	---	---	1.3	20.7	31.2	18.6	45.2	36.6
1970 November	---	---	---	---	---	---	---	---	20.0	26.2	38.3	52.8
1971 January	---	---	---	---	---	---	---	---	---	---	---	26.7
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	1,372.2	1,301.1	1,289.5	1,248.8	1,296.5	1,647.3	1,788.2	2,078.8	2,062.2	1,761.9	1,592.7	1,817.3
LIVE BEEF CATTLE, Chicago Mercantile Exchange (In contracts of 40,000 pounds)												
1969 August	9,480	6,649	3,237	---	---	---	---	---	---	---	---	---
1969 October	7,132	7,368	8,826	9,967	8,979	7,247	2,977	---	---	---	---	---
1969 December	5,797	6,076	7,123	8,116	8,386	8,585	8,345	7,335	6,184	5,275	4,498	---
1970 February	3,646	3,853	3,971	4,742	5,784	5,994	5,773	5,567	5,736	5,555	4,927	4,016
1970 April	2,245	2,361	2,629	3,066	3,640	3,474	3,437	4,187	4,030	4,090	4,463	4,650
1970 June	1,779	1,987	2,141	2,334	2,826	3,334	3,437	3,350	3,527	3,809	4,360	4,945
1970 August	695	850	937	1,264	1,451	1,711	1,843	1,793	1,999	2,060	2,430	2,766
1970 October	---	---	---	891	1,085	1,088	1,154	1,195	1,170	1,182	1,342	1,464
1970 December	---	---	---	702	900	913	917	930	939	964	975	970
1971 February	---	---	---	---	---	---	---	---	---	---	---	---
1971 April	---	---	---	---	---	---	---	---	---	---	---	---
1971 June	---	---	---	---	---	---	---	---	---	---	---	---
Total	30,713	29,104	28,864	31,082	32,931	32,683	28,074	24,297	23,594	22,955	20,021	19,796
CHOICE STEERS, Chicago Board of Trade (In contracts of 27,600 pounds)												
1969 August	491	184	93	---	---	---	---	---	---	---	---	---
1969 October	480	421	373	451	367	278	146	---	---	---	---	---
1969 December	383	249	298	362	362	282	244	244	215	197	45	---
1970 January	19	22	26	24	24	24	24	24	24	24	28	30
1970 February	290	226	221	173	193	312	361	332	335	328	317	331
1970 March	4	2	2	---	---	---	---	---	---	---	---	---
1970 April	15	31	54	47	61	141	200	174	194	196	209	174
1970 June	---	---	---	---	43	68	103	87	118	114	234	267
1970 August	---	---	---	---	---	---	---	---	---	---	---	---
1970 October	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
Total	1,700	1,145	1,067	1,011	990	1,145	1,113	984	919	890	887	892

OPEN CONTRACTS

Table 33. Month and month-end open contracts on principal markets, by future, July 1969 to June 1978—Continued

Future	Jan. 15	Jan. 31	Feb. 15	Feb. 28	Mar. 15	Mar. 31	Apr. 15	Apr. 30	May 15	May 31	June 15	June 30
SOYBEAN OIL, Chicago Board of Trade (In contracts of 60,000 pounds)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 August	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 October	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 January	2,313	---	---	---	---	---	---	---	---	---	---	---
1970 March	9,497	8,897	7,254	5,608	2,827	---	---	---	---	---	---	---
1970 May	4,793	7,893	8,483	9,391	10,310	11,233	9,519	5,172	1,461	---	---	---
1970 July	4,207	4,820	5,006	6,569	7,869	9,289	10,878	11,406	11,309	11,219	9,377	6,094
1970 August	1,620	1,763	1,585	2,125	2,469	2,740	4,298	5,487	5,881	7,087	7,388	6,713
1970 September	832	917	1,018	1,201	1,401	1,596	1,877	2,213	2,304	2,740	3,380	3,662
1970 October	1,401	1,857	2,229	2,455	2,479	2,600	3,111	3,288	3,263	3,437	3,616	3,386
1970 December	408	555	507	1,159	1,219	1,785	2,711	3,284	3,371	3,850	4,421	4,772
1971 January	---	71	209	698	778	1,154	1,620	2,150	2,488	2,719	3,059	3,158
1971 March	---	---	---	---	---	151	676	1,321	1,387	1,809	2,122	2,463
1971 May	---	---	---	---	---	---	---	---	---	210	683	1,280
Total	27,147	26,813	26,973	29,277	30,052	30,540	34,990	34,205	32,180	33,015	34,334	31,748
SOYBEAN MEAL, Chicago Board of Trade (In thousands of tons)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 August	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 October	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 January	143.7	---	---	---	---	---	---	---	---	---	---	---
1970 March	521.5	735.6	728.9	600.6	153.9	---	---	---	---	---	---	---
1970 May	365.8	508.4	562.1	698.0	724.5	690.1	374.3	376.7	128.3	---	---	---
1970 July	343.5	410.3	486.3	509.8	604.7	696.3	708.8	781.7	872.5	694.9	276.0	276.0
1970 August	164.8	218.1	240.5	311.2	334.4	325.5	401.5	433.7	498.4	488.7	519.2	447.4
1970 September	61.6	119.1	131.7	149.3	173.1	170.0	214.7	287.4	274.5	321.8	363.6	347.6
1970 October	142.3	167.9	182.0	192.0	203.2	215.2	244.0	247.3	264.3	270.4	264.7	293.9
1970 December	64.0	142.7	167.1	196.9	239.0	268.2	340.3	427.5	470.5	515.9	564.2	567.8
1971 January	---	3.5	35.3	77.7	114.8	143.6	200.9	293.4	326.8	351.5	379.9	427.3
1971 March	---	---	---	---	---	---	11.7	41.1	77.6	116.4	146.4	193.9
1971 May	---	---	---	---	---	---	---	---	---	5.1	41.2	147.5
Total	1,899.2	2,309.8	2,565.7	2,695.5	2,529.6	2,596.6	2,725.9	2,887.3	2,919.5	2,822.8	2,874.0	2,702.3
LIVE HEEF CATTLE, Chicago Mercantile Exchange (In contracts of 40,000 pounds)												
1969 August	---	---	---	---	---	---	---	---	---	---	---	---
1969 October	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 February	4,458	3,096	1,202	---	---	---	---	---	---	---	---	---
1970 April	4,511	4,392	4,203	4,169	3,504	3,263	1,228	---	---	---	---	---
1970 June	4,563	4,625	4,892	5,213	5,905	6,931	6,651	6,148	5,148	3,892	2,394	---
1970 August	2,779	3,204	3,232	3,432	4,088	4,357	4,703	5,768	6,862	7,700	8,638	7,787
1970 October	1,421	1,779	1,959	1,983	2,383	2,104	2,138	2,326	2,641	3,025	3,395	3,780
1970 December	888	976	1,164	1,137	1,072	1,028	1,050	1,047	1,239	1,267	1,842	1,895
1971 February	19	33	154	203	370	295	316	337	353	420	448	618
1971 April	---	---	---	1	5	12	16	20	32	54	74	192
1971 June	---	---	---	2	4	5	7	11	38	48	48	64
Total	18,641	18,025	16,915	16,180	17,331	17,985	16,119	15,707	16,313	16,696	16,920	14,237
CHOICE STEERS, Chicago Board of Trade (In contracts of 27,600 pounds)												
1969 August	---	---	---	---	---	---	---	---	---	---	---	---
1969 October	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 January	8	---	---	---	---	---	---	---	---	---	---	---
1970 February	260	98	13	---	---	---	---	---	---	---	---	---
1970 March	---	---	---	---	---	---	---	---	---	---	---	---
1970 April	192	131	145	114	54	48	10	---	---	---	---	---
1970 June	254	182	174	162	161	120	107	95	81	40	13	---
1970 August	61	63	70	69	62	67	53	50	58	50	53	54
1970 October	3	51	51	52	60	66	51	56	59	15	17	16
1970 December	2	45	45	50	50	48	49	54	62	39	18	17
Total	780	570	498	447	387	339	270	256	260	124	101	87

OPEN CONTRACTS

Table 13. Midmonth and monthend open contracts on principal markets, by future, July 1969 to June 1970—Continued

Future	July 15	July 31	Aug. 15	Aug. 31	Sept. 15	Sept. 30	Oct. 15	Oct. 31	Nov. 15	Nov. 30	Dec. 15	Dec. 31
LIVE HOGS, Chicago Mercantile Exchange (In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future)												
1969 July	385	---	---	---	---	---	---	---	---	---	---	---
1969 August	796	993	416	---	---	---	---	---	---	---	---	---
1969 October	312	392	761	1,396	1,601	838	428	---	---	---	---	---
1969 December	152	193	591	663	807	1,825	2,048	2,166	2,086	1,776	771	---
1970 February	69	74	119	195	281	442	607	744	1,083	1,313	1,501	1,604
1970 April	---	---	---	2	7	74	99	144	197	295	500	642
1970 June	---	---	2	11	19	288	189	195	225	273	320	465
1970 July	---	---	---	---	---	---	---	---	4	28	95	196
1970 August	---	---	---	---	---	---	---	---	---	---	---	11
1970 October	---	---	---	---	---	---	---	---	---	---	---	---
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 February	---	---	---	---	---	---	---	---	---	---	---	---
1971 April	---	---	---	---	---	---	---	---	---	---	---	---
Total	1,716	1,492	1,709	2,227	2,315	3,367	3,371	3,249	3,595	3,665	3,207	3,120
PORKS PORK KILLING, Chicago Mercantile Exchange (In contracts of 30,000 pounds in all futures prior to the 1971 February future and 36,000 pounds beginning with that future)												
1969 July	2,388	---	---	---	---	---	---	---	---	---	---	---
1969 August	8,927	7,589	3,896	---	---	---	---	---	---	---	---	---
1970 February	4,151	4,834	6,024	8,707	10,096	10,198	11,427	12,642	12,943	12,421	11,391	8,945
1970 March	963	1,144	1,610	2,601	3,185	4,386	5,007	5,835	6,539	6,839	6,642	6,133
1970 May	316	602	1,079	1,796	2,070	2,358	2,492	2,828	3,001	4,355	4,794	4,214
1970 July	---	---	226	429	622	1,295	1,304	1,532	2,132	2,374	2,726	3,070
1970 August	---	---	---	---	30	335	260	331	643	759	894	968
1971 February	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	16,705	14,168	12,835	13,493	16,003	18,572	20,690	23,188	26,360	26,148	24,447	23,630
PORKS CONCENTRATED ORANGE JUICE, Citrus Associates of the New York Cotton Exchange (In contracts of 15,000 pounds)												
1969 July	668	---	---	---	---	---	---	---	---	---	---	---
1969 September	1,091	1,093	918	808	605	---	---	---	---	---	---	---
1969 November	841	877	796	636	700	802	692	599	75	---	---	---
1969 December	552	629	576	643	615	533	723	874	792	716	289	---
1970 January	719	1,015	1,013	1,079	1,090	960	978	1,134	1,078	1,044	963	845
1970 March	515	614	690	687	786	679	783	909	981	1,006	1,234	1,403
1970 May	131	210	251	290	299	311	376	422	422	424	477	565
1970 July	---	---	53	72	92	115	190	218	209	228	280	290
1970 September	---	---	---	---	---	---	25	35	46	42	117	112
1970 November	---	---	---	---	---	---	---	---	---	---	65	71
1970 December	---	---	---	---	---	---	---	---	---	---	---	---
1971 January	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	---	---	---	---	---	---	---
1971 May	---	---	---	---	---	---	---	---	---	---	---	---
Total	4,457	4,378	4,277	4,217	4,127	3,490	3,767	4,191	3,603	3,460	3,425	3,286

OPEN CONTRACTS

Table 15. Month and month-end open contracts on principal markets, by future, July 1969 to June 1970—Continued

Future	Jan. 15	Jan. 31	Feb. 15	Feb. 28	Mar. 15	Mar. 31	Apr. 15	Apr. 30	May 15	May 31	June 15	June 30
LIVE HEDS, Chicago Mercantile Exchange (In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 August	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 October	---	---	---	---	---	---	---	---	---	---	---	---
1969 November	---	---	---	---	---	---	---	---	---	---	---	---
1970 February	1,718	1,479	968	---	---	---	---	---	---	---	---	---
1970 April	1,417	1,650	1,789	2,008	2,089	1,997	1,112	---	---	---	---	---
1970 June	794	874	922	1,039	1,193	1,158	1,824	1,944	1,321	831	348	---
1970 July	297	370	404	620	734	918	1,298	1,517	1,999	1,306	1,243	1,030
1970 August	22	78	112	163	231	302	369	541	628	608	617	799
1970 September	---	2	37	74	149	196	196	199	270	288	326	381
1970 October	---	---	---	18	65	288	247	308	399	395	494	562
1971 February	---	---	---	---	---	---	---	---	---	21	47	136
1971 April	---	---	---	---	---	---	---	---	---	---	---	8
Total	4,188	4,453	4,205	3,976	4,461	4,319	4,006	4,109	4,217	3,449	3,115	2,936
FRESH PURE MELLIN, Chicago Mercantile Exchange (In contracts of 30,000 pounds in all futures prior to the 1971 February future and 36,000 pounds beginning with that future)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 August	---	---	---	---	---	---	---	---	---	---	---	---
1970 February	8,421	7,087	3,648	---	---	---	---	---	---	---	---	---
1970 March	5,681	5,895	6,975	6,802	3,372	---	---	---	---	---	---	---
1970 May	3,954	3,895	5,237	6,974	8,737	7,519	7,086	5,427	---	---	---	---
1970 July	3,032	3,211	3,278	3,328	4,854	5,438	6,409	7,505	8,138	6,432	6,698	6,120
1970 August	1,167	1,167	1,180	1,440	1,823	3,682	4,221	4,352	5,421	4,708	6,085	6,072
1971 February	---	---	---	---	---	---	---	---	---	---	---	---
1971 March	---	---	---	---	---	221	551	613	856	1,117	1,284	2,017
1971 May	---	---	---	---	---	142	142	173	172	209	342	477
Total	22,255	21,245	20,278	18,744	18,785	16,860	18,149	18,091	15,514	12,466	14,413	14,734
FRESH CONCENTRATED ORANGE JUICE, Citrus Associates at the New York Cotton Exchange (In contracts of 15,000 pounds)												
1969 July	---	---	---	---	---	---	---	---	---	---	---	---
1969 September	---	---	---	---	---	---	---	---	---	---	---	---
1969 November	---	---	---	---	---	---	---	---	---	---	---	---
1969 December	---	---	---	---	---	---	---	---	---	---	---	---
1970 January	636	---	---	---	---	---	---	---	---	---	---	---
1970 March	1,704	1,312	981	433	707	---	---	---	---	---	---	---
1970 May	868	1,113	1,174	1,060	1,073	1,076	930	809	480	---	---	---
1970 July	479	580	459	513	554	521	570	623	579	509	408	365
1970 September	262	495	502	539	584	619	583	390	308	496	349	326
1970 November	112	228	211	183	201	235	243	229	251	261	250	289
1970 December	70	113	169	164	190	162	192	174	186	195	263	278
1971 January	---	---	118	134	138	194	211	249	288	304	423	513
1971 March	---	---	---	---	---	---	20	29	31	64	189	242
1971 May	---	---	---	---	---	---	---	---	---	---	1	31
Total	4,207	3,842	3,406	3,430	3,407	2,807	2,713	2,663	2,343	1,830	2,083	2,298

Table 14. Maximum open contracts on principal markets for long-time periods, and during the year, July 1969 to June 1970

Commodity	Market	Unit	Long-time periods ending June 1970			Year, July 1969 to June 1970	
			Beginning ^{1/}	Amount	Date	Amount	Date
Wheat	Chicago Board of Trade	Thousand bushels	July 9, 1963	248,294	Oct. 15, 1969	128,545	Aug. 20, 1969
	Minneapolis Grain Exchange	do.	Aug. 1, 1963	44,727	Oct. 23, 1969	8,850	Dec. 31, 1969
	Kansas City Board of Trade	do.	Aug. 3, 1963	68,675	Aug. 23, 1967	40,845	Aug. 1, 1969
Corn	Chicago Board of Trade	do.	July 9, 1963	423,515	Nov. 29, 1966	294,155	July 14, 1969
Oats	Chicago Board of Trade	do.	July 9, 1963	114,327	Feb. 5, 1965	42,585	Oct. 30, 1969
Rye	Chicago Board of Trade	do.	July 9, 1963	54,471	Mar. 31, 1945	3,955	July 1, 1969
Barley	Minneapolis Grain Exchange	do.	Aug. 1, 1963	7,894	Jan. 29, 1950	2/	---
Flaxseed	Minneapolis Grain Exchange	do.	Aug. 1, 1963	3,630	Oct. 29, 1941	2/	---
Soybeans	Chicago Board of Trade	do.	Dec. 9, 1940	417,843	Dec. 28, 1964	262,270	June 30, 1970
Grain sorghum	Kansas City Board of Trade	Million pounds	Sept. 19, 1944	931.0	Feb. 1, 1952	62.7	Nov. 10, 1969
Rice	New York Mercantile Exchange	Thousand pounds	June 1, 1949	1,640	Oct. 3-21, 1949	2/	---
Cotton	New York Cotton Exchange	Thousand bales	Sept. 30, 1937	1,700.3	Dec. 16, 1952	393.9	Nov. 10, 1969
	New Orleans Cotton Exchange	do.	Sept. 30, 1937	1,333.4	Oct. 14, 1946	3/	---
Wool	Wool Associates of the New York Cotton Exchange	6,000 pounds ^{4/}	Mar. 17, 1941	11,475	July 27, 1961	1,106	Aug. 19, 1969
Wool tops	Wool Associates of the New York Cotton Exchange	5,000 pounds ^{4/}	Aug. 31, 1936	3,481	Sept. 26, 1952	25	2/
Wheat	Chicago Mercantile Exchange	Carlots	Mar. 1, 1922	3,455	Oct. 4, 1941	3	July 16, 1969
Eggs (Shell)	Chicago Mercantile Exchange	do.	Mar. 1, 1922	12,056	June 25, 1946	9,051	Jan. 22, 1970
Eggs (Frozen)	Chicago Mercantile Exchange	36,000 pounds ^{6/}	Aug. 7, 1957	3,765	Sept. 25, 1961	9	July 14, 1969
Potatoes	New York Mercantile Exchange	Carlots	Dec. 2, 1941	24,900	Nov. 20, 1968	14,388	Feb. 27, 1970
Cottonseed oil	New York Produce Exchange	60,000 pounds ^{4/}	Mar. 17, 1941	11,814	Nov. 15, 1963	2/	---
Soybean oil	Chicago Board of Trade	do.	July 17, 1950	37,596	Apr. 22, 1970	37,596	Apr. 22, 1970
Lard	Chicago Board of Trade	Thousand pounds	Mar. 17, 1941	198,950	Aug. 30, 1941	1/	---
Cottonseed meal	Memphis Board of Trade Clearing Association	Thousand tons	Mar. 17, 1941	83.2	Sept. 20, 1950	2/	---
Soybean meal	Chicago Board of Trade	do.	Aug. 29, 1951	2,990.1	May 6, 1970	2,990.1	May 6, 1970
Live beef cattle	Chicago Mercantile Exchange	25,000 pounds ^{11/}	Jan. 2, 1968	33,612	Sept. 12, 1969	33,612	Sept. 12, 1969
Choice steers	Chicago Board of Trade	27,600 pounds ^{4/}	June 3, 1968	2,020	May 29, 1969	1,771	July 11, 1969
Frozen boneless beef	Chicago Mercantile Exchange	36,000 pounds ^{4/}	Apr. 15, 1970	303	Apr. 22, 1970	303	Apr. 22, 1970
Live hogs	Chicago Mercantile Exchange	20,000 pounds ^{9/}	Jan. 2, 1968	4,746	Mar. 19, 1970	4,746	Mar. 19, 1970
Frozen pork bellies	Chicago Mercantile Exchange	30,000 pounds ^{20/}	Jan. 2, 1968	27,671	Dec. 8, 1969	27,671	Dec. 8, 1969
Frozen concentrated orange juice	Citrus Associates of the New York Cotton Exchange	15,000 pounds ^{4/}	July 1, 1968	8,488	Nov. 8, 1968	4,464	July 16, 1969

^{1/} Date when data were first reported by clearing members, or earliest date for which data were obtained from the clearing house.

^{2/} No open contracts during the year July 1969 to June 1970.

^{3/} Trading suspended July 9, 1964.

^{4/} Contract unit.

^{5/} On several dates from November 14, 1964 through January 23, 1970.

^{6/} Contract unit. Prior to the 1967 September future, contract unit was 30,000 pounds.

^{7/} Trading suspended February 26, 1963.

^{8/} Contract unit. In contracts of 25,000 pounds in all futures prior to the 1969 August future and 40,000 pounds beginning with that future.

^{9/} Contract unit. In contracts of 20,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future.

^{20/} Contract unit. In contracts of 30,000 pounds in all futures prior to the 1971 February future and 36,000 pounds beginning with that future.

Table 15. Highest and lowest prices of futures on principal markets, by date and future, for long-time periods ending June 30, 1970

Commodity	Market	Period beginning	Unit	Highest futures price			Lowest futures price		
				Price	Date	Future	Price	Date	Future
Wheat	Chicago Board of Trade	July 1, 1914	Cents per bushel	325	May 11, 1917	1917 May	41 1/2	Nov. 25, 1932	1932 Dec.
	Minneapolis Grain Exchange	July 1, 1914	do.	330	May 12, 14, 1917	1917 May	40 1/8	Dec. 28, 1932	1932 Dec.
	Kansas City Board of Trade	July 1, 1914	do.	329	May 12, 1917	1917 May	36	Dec. 28, 1932	1932 Dec.
Corn	Chicago Board of Trade	July 1, 1914	do.	270 3/4	Jan. 16, 1948	1948 May	20 3/4	Dec. 23, 1932	1932 Dec.
Oats	Chicago Board of Trade	July 1, 1914	do.	139	Jan. 16, 23, 1948	1948 Mar	13 7/8	Dec. 3, 1932	1932 Dec.
Rye	Chicago Board of Trade	July 1, 1914	do.	286 1/4	May 7, 1946	1946 May	26 1/4	Nov. 1, 1932	1932 Dec.
Berley	Minneapolis Grain Exchange	Oct. 9, 1918	do.	173	May 4, 1920	1920 May	19 5/8	Oct. 8, 1932	1932 Dec.
Flaxseed	Minneapolis Grain Exchange	July 2, 1920	do.	492	Mar. 14, 1951	1951 July	50	July 21, 1932	1932 Sept.
Soybeans	Chicago Board of Trade	Oct. 5, 1936	do.	441	Jan. 16, 1948	1948 Mar.	65 3/4	Aug. 15, 1939	1939 Dec.
Grain sorghum	Kansas City Board of Trade	Sept. 19, 1944	Cents per hundred pounds	435	Jan. 19, 1948	1948 May	146	Nov. 17, 1960	1960 Dec.
Rice	New York Mercantile Exchange No. 1 Long Grain	June 1, 1949	Dollars per hundred pounds	11.75	Aug. 29-31, 1950	1951 Jan.	7.40	June 22, 1964	1964 July
Cotton	New York Cotton Exchange	July 1, 1914	Cents per pound	45.39	1/	(1951 Mar., May, July)	4.91	June 10, 1932	1932 July
	New Orleans Cotton Exchange	July 1, 1914	do.	45.39	1/	(1951 Mar., May, July)	4.90	June 10, 1932	1932 July
Wool	Wool Associates of the New York Cotton Exchange	Mar. 17, 1941	do.	364.0	Jan. 24, 1951	1951 Mar.	80.0	Sept. 5, 1944	1945 July
Butter	Chicago Mercantile Exchange Storage	Dec. 1, 1919	do.	62.50	Jan. 16, 1948	1948 Jan.	14 1/8	Dec. 14, 1933	1933 Dec.
Eggs (Shell)	Chicago Mercantile Exchange	Dec. 1, 1919	Cents per dozen	65.25	Dec. 5, 1969	1969 Dec.	10 3/8	Jan. 30, 1931	1931 Jan.
Eggs (Frozen)	Chicago Mercantile Exchange Whole	Feb. 2, 1942	Cents per pound	40.50	(Nov. 20, 1969; Nov. 26 & Dec. 1, 1969)	1969 Nov.	20.00	Jan. 12, 1965	1965 Jan.
Potatoes	Chicago Mercantile Exchange Russet Burbanks	Jan. 1, 1931	Dollars per hundred pounds	7.14	Mar. 18, 1969	1969 May	1.20	Oct. 7, 24, 1931	1931 Oct.
	New York Mercantile Exchange Maine Grown	Dec. 2, 1941	do.	6.50	May 6, 1963	1963 May	1.20	Feb. 26 & Mar. 5, 1954	1954 Mar.
Soybean oil	Chicago Board of Trade Crude	July 17, 1950	Cents per pound	21.00	Jan. 30, 1951	1951 Mar.	6.91	Oct. 11, 1968	1968 Oct.
Lard	Chicago Board of Trade	July 1, 1914	do.	36.15	June 14, 1919	1919 July	3.62	June 2, 1932	1932 July
Cottonseed meal	Memphis Board of Trade Clearing Association	Jan. 15, 1929	Dollars per ton	99.00	Jan. 9, 1948	1948 Jan.	9.75	Oct. 5, 1931	1931 Oct.
Soybean meal	Chicago Board of Trade	Aug. 29, 1951	do.	108.50	Aug. 22, 1966	1966 Aug.	41.70	Jan. 27, 1958	1958 Oct.
Live beef cattle	Chicago Mercantile Exchange	Dec. 1, 1967	Dollars per cwt.	35.25	June 20, 1969	1969 June	24.50	Jan. 10, 1968	1968 Apr.
Choice steers	Chicago Board of Trade	Dec. 1, 1967	do.	35.15	June 19, 1969	1969 June	24.55	Jan. 10, 1968	1968 Apr.
Live hogs	Chicago Mercantile Exchange	Dec. 1, 1967	do.	30.05	Feb. 19, 1970	1970 Feb.	17.70	Aug. 14, 1968	1968 Nov.
Frozen pork bellies	Chicago Mercantile Exchange	Dec. 1, 1967	Cents per pound	48.87	Feb. 2, 1970	1970 Feb.	24.22	Aug. 13, 1968	1968 Aug.
Frozen concentrated orange juice	Citrus Associates of the New York Cotton Exchange	July 1, 1968	do.	74.40	Nov. 4, 1968	1968 Nov.	34.00	June 22, 1970	1970 July

1/ On several dates from March 8, 1951, through May 14, 1951.

Table 17. Highest and lowest prices of futures on principal markets, by date and future, during the year, July 1969 to June 1970

Commodity	Market	Unit	Highest futures price			Lowest futures price		
			Price	Date	Future	Price	Date	Future
Wheat	Chicago Board of Trade	Cents per bushel	154 3/4	June 29, 1970	1971 Mar.	119 1/2	July 28, 1969	1969 Sept.
	Minneapolis Grain Exchange	do.	179 1/2	Jan. 21, 1970	1970 Mar.	149	July 29, 1969	1969 Dec.
	Kansas City Board of Trade	do.	144 1/2	June 29, 1970	1971 Mar.	119 1/4	July 28, 1969	1969 Sept.
Corn	Chicago Board of Trade	do.	144 7/8	June 29, 1970	1970 May	114 1/2	Aug. 20 & 21, 1969	1969 Dec.
Oats	Chicago Board of Trade	do.	72 1/4	June 29, 1970	1971 May	56 1/2	Dec. 1, 1969	1969 Dec.
Rye	Chicago Board of Trade	do.	127	July 7 & 9, 1969	1970 May	100	June 26, 1970	1970 July
Soybeans	Chicago Board of Trade	do.	308 1/8	June 29, 1970	1971 May	233 1/8	July 29, 1969	1969 Nov.
Cotton	New York Cotton Exchange Contract No. 2	Cents per pound	28.78	Nov. 10, 1969	1970 July	24.08	Mar. 9, 1970	1970 Mar.
Wool	Wool Associates of the New York Cotton Exchange	do.	119.0	Aug. 19 & 21, 1969	1969 Oct.	93.0	June 30, 1970	1970 July (old)
Eggs (Shell)	Chicago Mercantile Exchange	Cents per dozen	65.25	Dec. 5, 1969	1969 Dec.	30.50	Apr. 2, 1970	1970 Apr.
Potatoes	New York Mercantile Exchange Maine Grower	Dollars per hundred pounds	4.80	Mar. 5, 1970	1970 May	2.09	Oct. 10, 1969	1969 Nov.
Soybean oil	Chicago Board of Trade	Cents per pound	13.56	Mar. 3, 1970	1970 Mar.	7.13	July 14 & 25, 1969	1969 Dec.
Soybean meal	Chicago Board of Trade	Dollars per ton	68.50	Jan. 20, 1970	1970 Jan.	66.30	Nov. 12, 1969	1970 Jan.
Live beef cattle	Chicago Mercantile Exchange	Dollars per cwt.	32.82	Mar. 12, 1970	1970 June	26.00	Aug. 21, 1969	1970 Dec.
Choice steers	Chicago Board of Trade	do.	33.25	Mar. 12, 1970	1970 Apr.	26.95	July 25, 1969	1969 Dec.
Live hogs	Chicago Mercantile Exchange	do.	30.05	Feb. 19, 1970	1970 Feb.	18.25	June 25, 1970	1971 Apr.
Frozen pork bellies	Chicago Mercantile Exchange	Cents per pound	48.87	Feb. 2, 1970	1970 Feb.	30.30	June 26, 1970	{1971 Feb. (1971 Mar.)
Frozen concentrated orange juice	Citrus Associates of the New York Cotton Exchange	do.	58.90	Jan. 15, 1970	1970 Sept.	34.00	June 22, 1970	1970 July

Table 18. Contracts settled by delivery on each contract market, years beginning July 1960-61 to 1969-70

Commodity and market	Unit	Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
WHEAT											
Chicago Board of Trade	Thousand bushels	39,296	28,184	62,087	36,804	36,266	32,135	68,847	91,570	74,245	18,605
Chicago Open Board of Trade	do.	2	125	85	165	40	55	195	830	405	95
Minneapolis Grain Exchange	do.	3,078	1,754	3,477	4,746	925	6,207	2,174	2,772	3,907	1,351
Kansas City Board of Trade	do.	9,161	13,179	7,800	4,995	6,420	7,625	9,400	11,975	13,870	5,840
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	31,539	43,242	73,449	46,710	43,641	46,002	80,616	107,147	90,427	25,891
CORN											
Chicago Board of Trade	do.	16,319	66,987	47,590	17,821	22,800	32,087	98,235	54,030	53,590	29,295
Chicago Open Board of Trade	do.	20	80	---	25	20	5	35	---	250	95
Minneapolis Grain Exchange	do.	85	215	---	160	---	---	1,220	910	25	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	16,424	67,282	47,590	18,006	22,820	32,092	99,490	54,635	53,865	29,390
SOYBEANS											
Chicago Board of Trade	do.	24,928	24,290	12,332	21,550	13,210	4,760	19,690	2,195	8,060	20,395
Chicago Open Board of Trade	do.	54	10	10	85	---	5	40	---	15	175
Minneapolis Grain Exchange	do.	902	1,436	363	---	---	---	---	10	---	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	25,924	25,736	12,705	21,635	13,210	4,765	19,730	2,205	8,075	20,570
RYE											
Chicago Board of Trade	do.	12,293	12,003	8,213	9,605	3,475	6,290	8,533	7,005	2,180	3,195
Chicago Open Board of Trade	do.	10	80	115	50	---	31	51	40	5	160
Minneapolis Grain Exchange	do.	---	---	---	---	10	---	---	---	---	---
Milwaukee Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	12,293	12,083	8,328	9,655	3,485	6,321	8,584	7,120	2,185	3,355
BARLEY											
Minneapolis Grain Exchange	do.	---	---	---	100	---	---	---	---	---	---
FLAXSEED											
Minneapolis Grain Exchange	do.	653	1,019	481	305	11	6	---	---	---	---
SOYBEAN OIL											
Chicago Board of Trade	do.	72,054	69,950	23,899	75,399	73,391	73,913	26,185	54,350	67,465	49,210
Chicago Open Board of Trade	do.	---	10	55	165	20	50	10	330	55	65
Minneapolis Grain Exchange	do.	---	---	---	---	---	---	---	---	---	---
Kansas City Board of Trade	do.	---	---	---	10	215	---	---	---	---	---
New York Produce Exchange	do.	---	---	---	---	---	---	475	---	---	---
Total	do.	72,054	69,960	23,954	75,564	73,606	73,963	26,670	54,680	67,520	49,275
GRAIN SOYBEAN OIL											
Kansas City Board of Trade	Million pounds	62	2	1	25	---	---	240	80	135	30
Chicago Board of Trade	do.	2	---	---	6	---	---	---	---	---	---
Total	do.	64	2	1	31	---	---	240	80	135	30
RICE											
New York Mercantile Exchange	Thousand pounds	---	---	---	---	800	---	---	---	---	---
COTTON											
New York Cotton Exchange	Thousand bales	68.7	154.1	146.5	7.1	17.8	3.6	2.6	123.4	158.7	147.1
New Orleans Cotton Exchange	do.	1.2	2.4	---	---	---	---	---	---	---	---
Chicago Board of Trade	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	69.9	156.5	146.5	7.1	17.8	3.6	2.6	123.4	158.7	147.1
WOOL											
Wool Associates of the New York Cotton Exchange	6,000 pounds ^{1/2}	488	107	677	671	339	520	238	120	180	157
WOOL TOPS											
Wool Associates of the New York Cotton Exchange	5,000 pounds ^{1/2}	148	50	99	61	35	36	9	13	18	1
BUTTER											
Chicago Mercantile Exchange	Carslots	---	---	---	---	---	---	461	6	---	11
New York Mercantile Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	---	---	---	---	---	---	461	6	---	11
EGGS (SHELL)											
Chicago Mercantile Exchange	do.	1,813	294	1,394	2,789	1,519	2,584	408	633	1,872	1,608
New York Mercantile Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	1,813	294	1,394	2,789	1,519	2,584	408	633	1,872	1,608
EGGS (WHOLE)											
Chicago Mercantile Exchange	36,000 pounds ^{2/3}	1,713	225	777	1,613	235	2,480	151	166	658	19
POWDER											
Chicago Mercantile Exchange	Carslots	8	---	13	---	---	---	---	---	108	266
New York Mercantile Exchange	do.	827	1,557	316	2,414	1,803	558	655	1,571	403	509
Total	do.	835	1,557	329	2,414	1,803	558	655	1,571	511	775

CONTRACTS SETTLED BY DELIVERY

Table 18. Contracts settled by delivery on each contract market, years beginning July 1960-61, to 1969-70—Continued

Commodity and market	Unit	Year beginning July									
		1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
COTTONSEED OIL											
Chicago Board of Trade	60,000 pounds ^{1/2}	---	---	---	---	---	---	---	---	---	---
New York Produce Exchange	do.	891	864	3,267	2,854	2,109	291	82	67	1	---
Total	do.	891	864	3,267	2,854	2,109	291	82	67	1	---
SOYBEAN OIL											
Chicago Board of Trade	do.	1,551	9,074	16,907	24,287	3,898	1,463	5,130	6,909	1,228	1,646
New York Produce Exchange	do.	14	15	---	---	---	---	---	---	---	---
Total	do.	1,565	9,089	16,907	24,287	3,898	1,463	5,130	6,909	1,228	1,646
LARD											
Chicago Board of Trade	Thousand pounds	47,260	45,840	9,000	---	---	---	---	---	---	---
MILLSFEED^{3/}											
St. Louis Merchants' Exchange	Tons	---	---	735	---	---	---	---	---	---	---
COTTONSEED MEAL											
Memphis Board of Trade	Thousand tons	0.6	0.2	0.3	---	---	---	---	---	---	---
Clearing Association	do.	---	---	---	---	---	---	---	---	---	---
New York Produce Exchange	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	.6	.2	.3	---	---	---	---	---	---	---
SOYBEAN MEAL											
Chicago Board of Trade	do.	715.4	683.2	183.0	1,088.5	800.8	231.8	202.2	485.3	649.2	327.3
Memphis Board of Trade	do.	---	---	---	---	---	---	---	---	---	---
Clearing Association	do.	---	---	---	---	---	---	---	---	---	---
Total	do.	715.4	683.2	183.0	1,088.5	800.8	231.8	202.2	485.3	649.2	327.3
LIVE BEEF CATTLE											
Chicago Mercantile Exchange	40,000 pounds ^{1/2}	---	---	---	---	---	---	---	---	577	608
CHOICE STEERS											
Chicago Board of Trade	27,600 pounds ^{1/2}	---	---	---	---	---	---	---	---	90	8
LIVE HOGS											
Chicago Mercantile Exchange	20,000 pounds ^{1/2}	---	---	---	---	---	---	---	---	94	66
FROZEN PORK BELLIES											
Chicago Mercantile Exchange	30,000 pounds ^{1/2}	---	---	---	---	---	---	---	---	7,790	4,836
FROZEN SKINNED PANS											
Chicago Mercantile Exchange	36,000 pounds ^{1/2}	---	---	---	---	---	---	---	---	57	133
HIDES											
Commodity Exchange, Inc.	40,000 pounds ^{1/2}	---	---	---	---	---	---	---	---	133	25
FROZEN CONCENTRATED ORANGE JUICE											
Citrus Associates of the New York Cotton Exchange	15,000 pounds ^{1/2}	---	---	---	---	---	---	---	---	2,135	2,245

^{1/2} Contract unit.^{2/2} Contract unit. Prior to the 1967 September future, contract unit was 30,000 pounds.^{3/2} Deliveries in bags, shorts, and oddlings are combined. For data on each of these commodities, see Commodity Futures Statistics for July 1960 - June 1961.^{4/2} Contract unit. Prior to the 1969 August future, contract unit was 25,000 pounds.^{5/2} Contract unit. Prior to September 10, 1969, contract unit was 30,000 pounds.

Table 19. Contracts settled by delivery on each contract market, by future, July 1969 to June 1970

Commodity and market	Unit	Future												Total
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
WHEAT														
Chicago Board of Trade	Thousands bushels	12,150	---	4,160	---	---	895	---	---	1,050	---	390	---	18,605
Chicago Open Board of Trade	do.	95	---	---	---	---	---	---	---	---	---	---	---	95
Minneapolis Grain Exchange	do.	---	---	285	---	---	55	---	---	816	---	---	195	1,351
Kansas City Board of Trade	do.	1,270	---	2,220	---	---	1,185	---	---	815	---	---	---	4,840
Total	do.	13,515	---	6,665	---	---	2,095	---	---	2,681	---	790	195	25,891
COEN														
Chicago Board of Trade	do.	11,475	---	515	---	---	6,425	---	---	10,850	---	30	---	29,295
Chicago Open Board of Trade	do.	---	---	---	---	---	---	---	---	95	---	---	---	95
Kansas City Board of Trade	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	do.	11,475	---	515	---	---	6,425	---	---	10,945	---	30	---	29,390
OATS														
Chicago Board of Trade	do.	895	---	6,480	---	---	7,435	---	---	4,825	---	760	---	20,395
Chicago Open Board of Trade	do.	15	---	60	---	---	70	---	---	30	---	---	---	175
Total	do.	910	---	6,540	---	---	7,505	---	---	4,855	---	760	---	20,570
RYE														
Chicago Board of Trade	do.	685	---	1,005	---	---	480	---	---	365	---	660	---	3,195
Chicago Open Board of Trade	do.	35	---	5	---	---	25	---	---	---	---	95	---	160
Total	do.	720	---	1,010	---	---	505	---	---	365	---	755	---	3,355
SOYBEANS														
Chicago Board of Trade	do.	3,785	655	140	---	18,045	---	5,430	---	12,435	---	8,720	---	49,210
Chicago Open Board of Trade	do.	---	---	---	---	---	---	---	---	52	---	15	---	65
Total	do.	3,785	655	140	---	18,045	---	5,430	---	12,487	---	8,735	---	49,275
GRAIN CORNINGS														
Kansas City Board of Trade	Million pounds	---	---	---	---	---	25.5	---	---	2.2	---	2.8	---	30.5
COTTON														
New York Cotton Exchange Contract No. 2	Thousands bales	45.2	---	---	12.0	---	48.1	---	---	29.4	---	22.4	---	147.1
WOOL														
Wool Associates of the New York Cotton Exchange	6,000 pounds ^{1/2}	21	---	---	52	---	19	---	---	34	---	31	---	157
WOOL TIES														
Wool Associates of the New York Cotton Exchange	5,000 pounds ^{1/2}	---	---	---	1	---	---	---	---	---	---	---	---	1
BUTTER														
Chicago Mercantile Exchange	Carylets	---	---	11	---	---	---	---	---	---	---	---	---	11
EGGS (SHLL)														
Chicago Mercantile Exchange	do.	144	75	232	88	139	95	60	161	87	297	200	228	1,800
EGGS (FRGULT)														
Chicago Mercantile Exchange Whole	75,000 pounds ^{1/2}	---	---	---	8	3	5	3	---	---	---	---	---	17
POTATOES														
New York Mercantile Exchange	Carylets	---	---	---	---	57	---	---	---	110	150	188	---	505
Maine Crown	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
Idaho Bussat	do.	---	---	---	---	22	---	---	---	25	7	206	---	286
Idaho Bussat	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	do.	---	---	---	---	86	---	---	---	135	157	413	---	791
SOYBEAN OIL														
Chicago Board of Trade	60,000 pounds ^{1/2}	40	110	47	704	---	240	47	---	520	---	528	---	1,646
SOYBEAN MEAL														
Chicago Board of Trade	Thousands tons	111.3	39.6	57.8	14.6	---	4.4	8.2	---	74.4	---	41.4	---	277.3

CONTRACTS SETTLED BY DELIVERY

Table 19. Contracts settled by delivery on each contract market, by future, July 1969 to June 1970—Continued

Commodity and market	Unit	Future												Total
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
LIVE BEEF CATTLE Chicago Mercantile Exchange	40,000 pounds ^{1/2}	—	53	—	137	—	252	—	53	—	55	—	58	668
GRASS STEERS Chicago Board of Trade	27,600 pounds ^{1/2}	—	2	—	—	—	5	1	—	—	—	—	—	8
LIVE EGGS Chicago Mercantile Exchange	20,000 pounds ^{1/2}	4	5	—	2	—	20	—	6	—	29	—	—	66
FROZEN PORK BELTIES Chicago Mercantile Exchange	30,000 pounds ^{1/2}	1,834	370	—	—	—	—	—	211	829	—	1,542	—	4,836
FROZEN SKIMMED MILK Chicago Mercantile Exchange	36,000 pounds ^{1/2}	—	—	—	—	115	—	—	—	18	—	—	—	133
HIDES Commodity Exchange, Inc.	80,000 pounds ^{1/2}	20	—	—	3	—	—	2	—	—	—	—	—	25
FROZEN CONCENTRATED ORANGE JUICE Citrus Associates of the New York Cotton Exchange	15,000 pounds ^{1/2}	201	—	268	—	75	145	604	—	570	—	322	—	2,845

^{1/2} Contract unit.

Table 20. Annual average of midmonth and month-end long and short commitments of reporting and nonreporting traders, principal markets, 1960-61 to 1969-70--Continued

Year	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments ^{1/}		Reporting (large) traders' commitments classified by their activity:									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Long	Short	Long	Short
				Long	Short	Long	Short	Long	Short				
CORNHARVEST, Chicago Board of Trade (in thousands of tons)													
1960-61	732.0	309.0	194.7	187.8	56.6	104.0	104.3	291.8	160.9	131.2	417.3	423.0	578.2
1961-62	866.0	304.0	294.1	160.5	140.3	153.5	153.4	314.0	203.7	240.0	319.1	562.0	612.8
1962-63	931.5	264.7	265.5	128.0	71.9	203.3	203.3	332.2	275.2	327.6	382.8	699.0	658.0
1963-64	1,094.0	342.9	185.8	130.4	61.7	183.8	163.8	204.2	232.5	446.9	665.7	741.1	898.2
1964-65	1,237.0	253.1	148.7	131.7	77.1	203.9	213.9	378.6	321.0	606.2	718.2	984.6	1,039.2
1965-66	1,308.7	113.0	278.7	101.8	78.8	187.7	187.7	289.5	266.5	595.3	634.0	891.8	920.5
1966-67	1,300.4	289.0	241.0	95.2	64.5	251.5	251.5	346.7	316.0	563.9	643.4	910.6	928.4
1967-68	1,461.1	274.1	320.2	84.1	109.9	235.5	235.5	324.6	345.4	537.4	475.5	862.0	820.9
1968-69	1,409.0	326.0	275.1	103.5	125.2	255.4	255.4	328.0	380.6	814.3	813.5	1,173.2	1,224.1
1969-70	2,112.8	536.0	334.1	188.5	70.4	305.0	305.0	563.5	465.4	806.3	1,316.3	1,478.8	1,781.7
LIVE BEEF CATTLE, Chicago Mercantile Exchange (in contracts of 24,000 pounds in all futures prior to the 1969 August future and 40,000 pounds beginning with that future)													
1968-69 ^{2/}	18,766	4,814	8,203	4,070	1,205	1,766	1,766	5,836	3,061	2,591	6,982	8,427	10,043
1969-70	21,883	11,217	10,793	5,738	1,540	4,711	4,711	7,469	6,223	3,217	1,837	10,666	11,090
LIVE HOGS, Chicago Mercantile Exchange (in contracts of 50,000 pounds in all futures prior to the 1970 July future and 30,000 pounds beginning with that future)													
1968-69 ^{2/}	781	616	510	66	87	20	20	95	116	12	65	107	181
1969-70	2,340	2,400	1,420	308	407	157	157	555	564	200	367	854	931
FRESH PORK BELLAIR, Chicago Mercantile Exchange (in contracts of 50,000 pounds in all futures prior to the 1973 February future and 36,000 pounds beginning with that future)													
1968-69 ^{2/}	17,813	12,140	10,714	1,738	2,104	3,740	3,740	5,487	5,853	186	1,246	5,673	7,099
1969-70	18,741	12,243	11,770	2,013	2,323	3,074	3,074	5,087	6,077	511	865	6,408	6,962
FRESH CONCENTRATED CHARGE JUICE, Citrus Associates of the New York Cotton Exchange (in contracts of 15,000 pounds)													
1968-69 ^{2/}	4,507	2,548	2,277	73	475	481	481	554	956	2,407	1,756	2,061	2,732
1969-70	3,400	2,454	1,422	136	602	215	215	351	817	603	1,159	954	1,076

1/ Derived by subtracting reporting traders' commitments from total open contracts.
 2/ Traders not subject to reporting requirements prior to March 27, 1961.
 3/ Traders not subject to reporting requirements prior to June 18, 1960.
 4/ Traders not subject to reporting requirements prior to January 20, 1960.

NOTE: Effective July 1, 1961, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

Table 21. Long and short commitments of reporting and nonreporting traders, principal markets, seasonally, July 1969 to June 1970—Continued

Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as speculative or hedging										
				Speculative						Hedging		Total		
				Long and short only		Long and short (spreading) ^{1/2}		Total		Long	Short	Long	Short	
				Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	
CBOT, Chicago Board of Trade (In thousands of bushels)														
July	15	293,520	121,540	78,000	41,195	10,935	72,820	72,680	114,015	83,615	57,965	131,815	171,980	215,430
	31	242,565	86,105	67,595	17,995	10,340	70,190	70,030	70,185	80,370	70,185	94,600	150,370	174,970
August	15	234,915	72,695	67,150	16,365	7,795	66,015	66,295	82,350	74,010	79,930	93,725	162,210	167,735
	31	233,950	66,670	69,665	16,755	12,220	72,665	73,285	89,350	89,815	77,845	73,485	167,835	164,300
September	15	216,390	63,990	60,320	14,020	10,250	68,395	68,900	82,415	79,160	75,925	69,010	134,440	147,970
	30	203,525	53,745	63,150	12,825	15,040	63,315	65,955	75,140	80,995	72,100	59,800	120,240	140,795
October	15	226,460	70,305	55,720	16,795	13,520	70,600	72,800	83,355	86,520	66,780	84,440	156,175	170,760
	31	202,085	84,995	59,225	14,520	13,745	66,265	66,995	80,785	80,340	76,395	102,520	157,580	182,860
November	15	239,420	83,655	60,555	18,665	12,005	66,435	67,110	85,130	79,115	90,635	119,790	175,765	192,865
	30	264,655	83,830	54,775	12,255	11,605	68,275	69,225	80,970	79,830	100,255	130,100	180,825	209,030
December	15	243,495	74,060	57,460	12,515	15,215	66,860	67,345	73,945	79,250	129,650	163,635	191,035	217,880
	31	213,015	64,250	46,865	8,840	14,640	52,695	52,695	62,285	62,285	85,280	105,795	158,985	172,950
January	15	300,075	66,765	46,970	9,300	11,600	42,015	41,965	51,405	51,405	61,305	109,440	142,710	163,005
	31	199,305	68,300	53,335	5,685	11,255	24,060	24,060	39,695	45,315	94,280	109,075	131,615	154,390
February	15	197,500	66,625	38,770	12,575	13,265	27,305	27,305	39,880	40,570	50,995	111,660	130,875	158,730
	28	190,580	65,020	26,645	13,475	13,515	26,630	26,630	41,105	40,145	83,455	113,790	124,560	153,935
March	15	171,690	64,470	37,440	12,890	12,090	21,420	21,420	34,330	33,470	79,130	103,940	113,430	140,440
	31	170,675	66,595	37,775	13,595	13,090	23,250	23,250	30,050	31,110	79,485	104,750	114,370	138,900
April	15	169,440	77,990	25,605	12,995	14,945	18,210	18,210	30,415	33,195	61,035	100,660	111,490	133,835
	30	151,355	70,115	30,975	13,515	11,400	15,125	15,125	26,640	26,225	58,600	84,855	91,240	111,380
May	15	144,784	68,815	37,320	11,195	13,015	11,145	11,145	22,340	21,160	53,625	63,200	75,565	107,460
	31	133,630	63,380	24,620	11,030	9,275	12,130	12,130	23,190	21,405	47,160	77,305	79,310	90,710
June	15	134,280	63,005	36,720	18,170	7,945	11,515	11,515	24,665	19,660	45,590	82,500	75,775	104,560
	30	155,615	73,655	41,565	10,125	2,790	13,210	13,210	43,232	17,560	52,495	66,290	96,160	112,220
Average		205,005	71,813	50,464	15,144	11,724	43,726	43,812	54,874	55,566	74,312	98,915	133,126	154,511

CBT, Chicago Board of Trade (In thousands of bushels)														
Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as speculative or hedging										
				Speculative						Hedging		Total		
				Long and short only		Long and short (spreading) ^{1/2}		Total		Long	Short	Long	Short	
				Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	
July	15	21,015	13,035	10,440	1,685	1,040	2,805	2,245	4,530	3,885	1,460	6,220	8,010	10,105
	31	22,135	13,870	1,655	1,475	575	2,350	2,390	3,455	2,925	4,440	5,555	8,265	12,680
August	15	26,125	18,015	8,465	1,300	390	2,400	2,690	3,740	2,680	4,320	14,780	8,110	17,660
	31	29,085	19,860	7,035	935	80	2,615	2,215	3,950	2,299	4,675	16,759	8,225	21,050
September	15	20,475	21,250	6,810	1,105	225	3,675	2,890	4,780	3,075	4,145	20,590	8,525	23,665
	30	36,560	27,720	4,357	773	1,460	5,110	3,990	5,885	5,120	3,355	24,415	9,340	27,595
October	15	49,905	29,735	10,615	1,140	2,640	2,405	4,445	6,615	7,105	4,575	23,805	11,190	30,910
	31	42,150	20,400	10,760	1,865	3,355	6,815	5,885	8,680	9,220	4,070	22,170	12,730	21,390
November	15	40,555	27,670	0,860	2,075	1,810	7,465	6,895	5,480	8,665	3,405	22,010	12,685	30,695
	30	35,570	24,115	7,995	1,645	1,345	7,345	6,780	6,040	8,125	2,415	20,440	11,455	28,565
December	15	32,220	16,150	7,460	1,840	605	7,660	6,310	10,300	7,015	2,170	17,245	13,070	24,260
	31	33,145	22,855	4,990	1,560	970	6,200	5,805	8,360	6,775	2,300	17,480	10,490	24,095
January	15	33,895	20,910	9,015	3,262	1,195	6,370	5,995	9,690	7,100	4,275	16,520	12,125	20,020
	31	38,065	17,805	4,975	3,005	685	5,255	4,595	8,200	5,580	1,860	19,390	10,225	18,730
February	15	21,045	14,840	8,065	1,790	880	5,935	5,940	7,685	5,620	1,730	10,120	9,955	15,940
	28	21,410	12,330	8,040	3,590	215	4,560	4,230	4,135	4,445	445	8,525	5,080	13,370
March	15	17,730	10,580	7,400	2,500	0	3,630	3,140	3,340	3,340	720	6,990	6,590	10,330
	31	16,115	8,920	5,495	2,700	15	3,175	3,995	5,875	2,970	720	7,660	6,595	10,630
April	15	14,385	8,790	7,080	4,515	200	1,760	1,760	5,995	1,480	1,100	9,335	6,205	7,915
	30	13,265	7,665	8,010	1,155	200	1,355	1,355	1,735	1,735	316	3,480	5,600	5,315
May	15	11,390	7,215	8,190	2,840	0	675	675	3,515	745	660	2,455	4,475	3,200
	31	9,295	6,960	6,940	1,885	0	950	950	2,835	950	40	1,745	2,875	2,695
June	15	9,520	6,715	6,700	1,960	0	800	800	2,770	800	15	2,500	2,805	3,300
	30	10,340	7,720	6,100	790	0	700	790	2,620	870	0	3,270	2,620	4,240
Average		34,432	16,955	9,151	3,127	730	3,797	3,586	6,105	4,316	2,262	12,435	8,367	16,751

CBOT, Chicago Board of Trade (In thousands of bushels)														
Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as speculative or hedging										
				Speculative						Hedging		Total		
				Long and short only		Long and short (spreading) ^{1/2}		Total		Long	Short	Long	Short	
				Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	
July	15	160,760	191,860	47,950	7,170	16,605	52,440	52,440	74,450	60,375	78,450	43,935	131,900	112,910
	31	159,455	22,245	43,845	4,165	26,67	49,130	49,130	59,125	67,055	80,895	45,110	133,150	122,190
August	15	197,730	23,105	47,485	5,325	17,175	47,470	47,470	57,625	65,095	83,900	44,790	136,125	109,845
	31	164,440	21,665	43,470	4,520	18,030	41,235	41,235	51,297	59,795	67,620	48,650	139,375	110,465
September	15	179,385	21,065	24,140	6,045	17,735	62,600	62,600	68,605	80,775	82,645	37,420	151,290	118,195
	30	186,525	20,955	5,240	6,965	4,920	60,115	60,115	63,020	81,725	102,420	45,580	165,560	127,285
October	15	211,990	11,160	48,575	11,970	17,995	63,540	63,540	75,110	86,720	64,950	76,175	170,660	156,685
	31	233,745	97,440	50,680	2,364	1,539	68,430	68,605	87,795	77,600	88,460	109,265	176,235	182,865
November	15	215,610	27,070	65,395	13,985	11,390	67,715	67,715	67,490	79,410	79,410	93,595	160,910	173,309
	30	179,425	14,435	34,190	10,195	11,765	61,125	61,125	61,125	61,125	61,125	86,900	135,280	158,775
December	15	144,145	41,930	14,760	4,000	1,470	42,745	42,745	44,595	76,495	87,030	46,600	157,975	160,935
	31	149,485	40,180	24,010	10,405	10,105	41,350	41,350	70,315	73,455	87,625	87,640	156,740	163,095
January	15	186,405	37,045	27,040	11,820	16,875	47,395	47,395	51,145	58,000	83,395	94,390	142,520	147,395
	31	175,215	34,470	13,260	5,395	11,965	39,695	39,695	44,055	49,875	77,190	90,620	141,215	

COMMITMENTS OF REPORTING TRADERS

Table 21. Long and short commitments of reporting and nonreporting traders, principal markets, aseasonally, July 1964 to June 1970-Continued

Table with columns: Date, Total open contracts, Nonreporting (small) traders' speculative and hedging commitments, Reporting (large) traders' commitments classified by them as speculative or hedging (Speculative, Hedging, Total), and sub-columns for Long and Short. Includes sub-table for COTCO, "Contract No. 2," New York Cotton Exchange (in thousands of bales).

WOOL, Wool Associates of the New York Cotton Exchange (in contracts of 6,000 pounds)

Table with columns: Date, and 14 columns of data representing commitments for wool. Includes an 'Average' row at the bottom.

SHREX, Chicago Mercantile Exchange (in contracts)

Table with columns: Date, and 14 columns of data representing commitments for Shrex. Includes an 'Average' row at the bottom.

COMMITMENTS OF REPORTING TRADERS

Table 21. Long and short commitments of reporting and nonreporting traders, principal markets, monthly, July 1967 to June 1970—Continued

Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments ¹		Reporting (large) traders' commitments classified by them as speculative or hedging									
				Speculative						Hedging		Total	
				Long or short only		Long and short (speculative) ²		Total					
				Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
LIVE BEEF CATTLE, Chicago Mercantile Exchange (in contracts of 40,000 pounds)													
July 15	20,712	14,224	12,725	5,626	2,070	8,347	8,347	11,283	10,417	2,491	6,247	16,374	16,688
31	29,104	13,744	10,957	4,423	1,728	7,346	7,346	12,261	9,074	3,021	9,373	15,360	15,047
August 15	28,864	13,328	10,362	4,485	1,425	7,747	7,747	12,332	9,232	3,274	5,470	16,502	14,502
31	21,062	14,253	15,444	4,332	1,658	9,620	4,680	13,170	11,338	3,637	4,300	16,827	15,638
September 15	21,541	16,213	16,421	5,504	1,715	9,603	9,603	13,107	11,518	3,611	4,432	16,718	15,250
30	24,583	16,340	16,316	3,027	1,768	9,578	9,578	12,785	11,534	3,560	4,233	16,743	15,787
October 15	28,070	23,164	18,774	3,121	1,867	8,027	8,027	11,750	9,444	3,623	4,851	14,421	13,759
31	24,237	12,721	11,912	4,687	2,026	6,744	6,744	9,426	8,841	3,242	12,526	12,781	12,781
November 15	22,524	11,069	10,657	1,465	1,613	7,143	7,143	9,608	8,756	2,877	4,181	12,205	12,927
30	22,755	10,721	10,527	1,721	1,620	6,622	6,622	9,267	8,747	2,874	4,109	12,262	12,358
December 15	23,231	9,577	8,126	2,023	1,027	5,227	5,227	7,420	6,362	2,524	3,675	10,448	11,635
31	19,775	9,224	8,205	1,828	1,044	6,166	6,166	8,018	7,225	2,604	3,316	10,622	11,541
January 15	22,641	9,875	8,324	2,274	1,601	4,541	4,541	6,549	6,773	5,150	4,324	8,466	10,432
31	18,025	9,650	8,316	1,422	1,501	3,247	3,247	4,743	4,743	2,656	3,601	8,325	9,609
February 15	16,115	10,124	7,027	1,452	1,222	1,283	1,283	4,183	5,166	3,135	3,445	6,581	6,838
28	16,120	9,724	7,777	1,964	1,424	2,388	2,388	4,222	3,812	2,194	2,511	5,466	6,401
March 15	17,521	10,277	8,284	2,167	729	1,300	1,300	4,050	3,825	1,068	5,655	7,158	8,750
31	17,585	11,051	7,321	2,387	1,617	873	873	3,250	2,420	1,044	2,626	6,264	8,234
April 15	16,120	9,723	8,820	1,895	1,321	705	705	2,222	2,222	4,026	1,013	5,826	7,216
30	15,227	9,422	8,244	1,424	1,010	522	522	2,505	2,544	3,222	5,212	6,225	6,758
May 15	16,131	9,352	8,122	1,726	1,120	570	570	2,320	1,862	4,124	5,261	6,460	7,131
31	16,626	9,685	9,122	1,551	1,675	947	947	2,028	2,222	4,213	5,014	7,011	7,661
June 15	16,725	9,267	8,254	1,422	1,422	700	700	2,248	2,048	3,514	3,013	7,263	7,263
30	14,257	9,623	7,221	1,222	1,066	622	622	2,647	3,221	3,267	4,221	6,221	6,226
Average	21,524	12,217	10,224	2,224	1,520	4,221	4,221	6,221	6,221	3,217	4,221	10,666	11,020

MINUTE DELIVERABLE BEEF, Chicago Mercantile Exchange (in contracts of 10,000 pounds)

Date	Long	Short	Net	Long	Short	Net	Long	Short	Net	Long	Short	Net
April 15	25	25	0	0	0	0	0	0	0	0	0	0
30	27	24	3	0	0	0	12	12	0	0	12	12
May 15	51	26	25	4	4	0	146	146	146	0	0	146
30	22	24	2	0	0	0	146	146	146	0	0	146
June 15	27	22	5	0	0	0	146	146	146	0	0	146
30	26	21	5	0	0	0	120	120	120	0	0	120
Average	36	24	12	16	16	0	110	110	110	16	0	126

LIVE HOG, Chicago Mercantile Exchange (in contracts of 10,000 pounds in all futures prior to the 1970 July future and 5,000 pounds beginning with that future)

Date	Long	Short	Net	Long	Short	Net	Long	Short	Net	Long	Short	Net
July 15	1,321	1,321	0	24	27	3	27	27	0	24	0	24
31	1,321	1,321	0	4	20	16	20	20	0	24	0	24
August 15	1,222	1,222	0	321	22	299	22	22	170	124	46	58
31	1,222	1,222	0	22	22	0	22	22	42	42	0	0
September 15	1,222	1,222	0	22	22	0	22	22	408	149	259	259
30	1,222	1,222	0	22	22	0	22	22	374	421	49	49
October 15	1,222	1,222	0	22	22	0	22	22	52	22	30	30
31	1,222	1,222	0	22	22	0	22	22	27	27	0	0
November 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
30	1,222	1,222	0	22	22	0	22	22	421	27	394	394
December 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
31	1,222	1,222	0	22	22	0	22	22	421	27	394	394
January 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
31	1,222	1,222	0	22	22	0	22	22	421	27	394	394
February 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
28	1,222	1,222	0	22	22	0	22	22	421	27	394	394
March 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
31	1,222	1,222	0	22	22	0	22	22	421	27	394	394
April 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
30	1,222	1,222	0	22	22	0	22	22	421	27	394	394
May 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
31	1,222	1,222	0	22	22	0	22	22	421	27	394	394
June 15	1,222	1,222	0	22	22	0	22	22	421	27	394	394
30	1,222	1,222	0	22	22	0	22	22	421	27	394	394
Average	1,222	1,222	0	22	22	0	22	22	421	27	394	394

Table 21. Long and short commitments of reporting and nonreporting traders, principal markets, semi-monthly, July 1967 to June 1970--Continued

Date	Total Open contracts	Nonreporting (small) traders' speculative and hedging commitments/		Reporting (large) traders' commitments classified by them as speculative or hedging										
				Speculative						Hedging		Total		
				Long or short only		Long and short (spreadable)		Total		Long	Short	Long	Short	
				Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	
FROZEN PORK BELTIN, Chicago Mercantile Exchange (10 contracts of 10,000 pounds in all future prior to the 1971 February future and 50,000 pounds beginning with that future)														
July	25	24,735	22,657	21,111	1,921	2,765	2,876	2,926	1,116	5,165	443	1,574	5,068	6,625
Aug	25	14,268	14,248	14,270	1,885	1,885	1,885	1,885	1,885	1,885	563	1,321	5,180	6,503
September	15	15,949	15,915	15,915	1,576	782	4,788	1,151	4,467	5,066	560	971	5,312	5,657
October	15	16,903	16,915	16,915	1,008	1,008	1,008	1,008	1,008	1,008	164	172	5,321	4,702
November	15	18,070	17,870	17,870	1,100	1,100	1,100	1,100	1,100	1,100	173	555	6,201	5,476
December	15	20,470	20,470	20,470	1,076	1,076	1,076	1,076	1,076	1,076	218	114	7,271	6,157
January	15	21,128	21,128	21,128	1,151	1,151	1,151	1,151	1,151	1,151	685	541	7,462	7,777
February	15	26,466	26,466	26,466	1,124	1,124	1,124	1,124	1,124	1,124	632	632	8,214	8,933
March	15	26,748	26,748	26,748	1,124	1,124	1,124	1,124	1,124	1,124	684	671	7,737	10,505
April	15	26,447	26,447	26,447	1,124	1,124	1,124	1,124	1,124	1,124	541	1,094	10,414	13,250
May	15	27,642	27,642	27,642	1,124	1,124	1,124	1,124	1,124	1,124	166	1,171	10,350	12,017
June	15	27,025	27,025	27,025	1,124	1,124	1,124	1,124	1,124	1,124	619	1,051	9,446	10,926
Average		21,145	21,145	21,145	1,124	1,124	1,124	1,124	1,124	1,124	348	1,221	8,050	9,902
FROZEN TENDERLOIN BONELESS, CME (10 contracts of the New York Winter Warehouse (10 contracts of 15,000 pounds)														
July	25	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
August	25	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
September	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
October	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
November	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
December	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
January	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
February	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
March	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
April	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
May	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
June	15	4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016
Average		4,157	4,157	4,157	64	64	64	64	64	64	1,132	1,348	1,710	2,016

1. Derived by difference between reporting and nonreporting traders' commitments from total open contracts.
 2. Long and short speculative positions are derived from the total basis from open long and short positions reported as speculative.
 3. Total open contracts are the sum of long and short contracts of the same future traded by reporting traders' commitments reported as a net "hedging" basis.
 4. Hedging positions were less than total open contracts of any single future.
 5. Trading report period.

COMMITMENTS OF REPORTING TRADERS

Table 22. Annual average of midmonth and month-end long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, 1960-61 to 1969-70

Year	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as:									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Long	Short	Long	Short
WHEAT, Chicago Board of Trade													
1960-61	100.0	53.8	27.8	8.9	5.2	19.9	19.3	28.4	24.5	17.8	47.7	16.2	72.2
1961-62	100.0	57.7	27.7	11.6	6.6	19.7	20.0	31.3	26.6	10.8	45.7	12.3	72.3
1962-63	100.0	60.1	30.7	12.2	5.5	20.7	20.1	32.9	29.6	7.0	43.5	19.0	69.1
1963-64	100.0	52.7	32.5	11.5	4.2	25.0	23.0	36.5	28.1	10.8	36.4	47.3	67.5
1964-65	100.0	61.0	24.5	7.4	4.2	21.2	21.8	28.6	26.0	10.4	49.5	39.0	75.5
1965-66	100.0	58.1	28.1	15.6	3.2	17.1	18.4	32.7	21.6	7.5	50.3	40.2	71.9
1966-67	100.0	59.7	30.1	7.7	6.4	22.7	24.9	30.6	29.5	9.7	40.2	40.3	69.7
1967-68	100.0	51.5	24.9	8.1	4.6	28.4	23.7	36.3	26.1	12.0	39.0	48.5	75.1
1968-69	100.0	47.9	29.3	9.3	5.6	20.8	20.6	40.7	38.2	11.4	37.6	52.1	75.8
1969-70	100.0	41.4	32.3	11.8	5.1	26.1	26.1	37.0	31.2	24.7	36.5	62.6	67.7
WHEAT, Minneapolis Grain Exchange													
1960-61	100.0	34.6	12.3	0.4	0.3	6.1	0.1	0.5	6.4	64.9	26.7	65.4	87.1
1961-62	100.0	34.8	14.4	4.0	.7	1.4	.8	4.4	1.5	60.6	26.1	65.2	85.6
1962-63	100.0	22.1	31.6	4.0	.1	4.0	3.0	8.4	4.0	69.0	24.4	77.7	68.4
1963-64	100.0	14.9	31.7	.6	.6	3.2	3.3	3.8	3.9	81.3	74.2	85.1	78.1
1964-65	100.0	24.0	17.0	.3	.0	.3	.6	10.2	6.6	75.4	75.0	76.0	86.1
1965-66	100.0	24.6	11.1	1.6	.7	3.6	1.2	4.0	1.7	71.2	81.2	75.4	88.4
1966-67	100.0	24.2	17.5	.3	.0	1.4	.6	1.4	.6	69.4	81.7	70.8	82.5
1967-68	100.0	42.4	21.9	.1	0	1.8	1.5	1.4	1.7	55.7	76.4	57.6	78.1
1968-69	100.0	37.2	13.2	5.4	.4	12.0	1.3	17.5	1.7	55.1	73.1	72.8	76.8
1969-70	100.0	11.6	30.2	.2	.4	.1	2.1	.3	2.5	89.1	67.3	88.4	69.8
WHEAT, Kansas City Board of Trade													
1960-61	100.0	32.7	16.4	4.8	2.8	7.3	11.3	13.1	14.1	54.2	69.0	67.3	83.1
1961-62	100.0	37.0	8.6	7.7	4.0	6.0	5.5	13.7	5.5	49.1	81.0	62.8	81.4
1962-63	100.0	41.7	12.5	6.1	2.1	11.4	14.5	17.7	20.6	40.4	69.9	58.3	86.5
1963-64	100.0	34.6	15.5	3.7	6.8	25.3	20.4	19.0	23.0	46.4	61.9	65.4	84.7
1964-65	100.0	40.1	15.9	8.7	7.4	16.0	12.2	24.7	15.6	59.2	75.1	59.7	87.7
1965-66	100.0	45.7	12.4	1.1	1.5	11.6	6.4	18.7	13.1	43.6	74.5	58.3	88.6
1966-67	100.0	48.7	7.3	3.0	2.5	13.7	4.7	16.7	7.4	39.1	82.8	51.8	40.2
1967-68	100.0	40.5	7.3	3.0	3.7	13.9	7.7	25.4	11.6	44.6	81.1	59.5	92.7
1968-69	100.0	42.2	6.7	6.4	1.7	14.0	7.7	26.8	.4	41.7	83.0	60.5	93.4
1969-70	100.0	35.6	1.7	4.3	1.6	7.4	6.3	11.7	7.8	32.7	86.0	64.4	34.1
CORN, Chicago Board of Trade													
1960-61	100.0	47.9	23.7	11.6	4.1	13.5	13.5	25.1	18.0	17.7	56.1	50.9	74.1
1961-62	100.0	52.2	25.1	4.2	4.2	22.4	22.4	35.2	31.2	20.2	47.2	47.8	74.7
1962-63	100.0	40.4	12.5	15.6	2.0	10.1	10.9	24.1	21.1	22.7	54.6	44.6	76.2
1963-64	100.0	35.4	14.2	14.3	3.1	16.4	16.4	25.3	21.4	22.3	51.4	60.6	72.6
1964-65	100.0	31.9	11.2	12.1	4.4	13.0	13.0	19.5	16.0	20.1	41.9	69.7	78.4
1965-66	100.0	32.7	12.6	10.4	1.3	11.7	11.7	27.3	20.0	20.8	54.4	61.4	74.4
1966-67	100.0	50.0	22.2	12.5	3.6	28.3	19.3	34.0	31.4	24.0	55.8	47.8	77.7
1967-68	100.0	40.7	26.7	7.6	2.2	17.6	17.4	25.0	24.6	30.1	48.7	48.4	71.3
1968-69	100.0	38.6	15.0	8.5	9.6	11.1	11.9	19.6	16.6	11.8	47.9	61.4	74.1
1969-70	100.0	35.5	24.6	7.8	5.7	11.3	11.3	25.7	23.3	26.3	48.3	49.0	73.4
SOY, Chicago Board of Trade													
1960-61	100.0	71.7	23.7	11.6	3.0	14.0	12.0	23.0	15.0	4.9	21.8	18.7	74.8
1961-62	100.0	67.6	22.6	4.8	2.4	12.0	12.0	21.0	11.0	1.0	25.0	17.4	67.4
1962-63	100.0	59.8	18.5	11.3	1.7	10.3	10.3	14.6	11.0	6.6	40.3	40.2	72.3
1963-64	100.0	71.7	17.0	13.1	1.3	6.5	6.5	19.6	11.8	8.7	55.8	26.3	77.2
1964-65	100.0	67.4	11.6	3.0	1.4	4.2	3.9	18.1	12.6	9.4	50.8	27.5	68.4
1965-66	100.0	71.4	11.2	7.0	4.1	3.6	3.6	11.1	5.1	16.0	50.4	27.1	58.6
1966-67	100.0	71.0	12.5	10.3	.4	5.4	5.4	15.7	6.4	5.3	71.7	21.0	72.0
1967-68	100.0	67.4	24.1	4.1	2.2	24.0	14.5	15.3	17.4	13.9	28.4	27.1	56.4
1968-69	100.0	68.0	21.8	6.3	1.5	11.4	1.4	14.2	16.2	18.2	31.5	41.3	47.8
1969-70	100.0	64.4	21.8	6.2	1.5	12.4	12.4	24.5	17.2	9.1	42.4	42.6	67.2
RYE, Chicago Board of Trade													
1960-61	100.0	84.7	21.4	1.4	1.2	1.4	1.4	1.0	1.3	1.3	43.6	16.9	4.4
1961-62	100.0	82.1	24.4	4.7	1.1	11.1	11.1	18.7	17.7	1.0	41.4	16.4	16.4
1962-63	100.0	81.5	23.3	4.3	.3	2.4	2.6	15.0	11.1	4.7	11.0	11.7	21.1
1963-64	100.0	84.0	22.8	2.7	1.7	7.1	7.0	14.6	12.7	3.4	11.4	14.1	24.0
1964-65	100.0	83.3	17.7	4.1	.4	4.1	4.1	8.5	7.6	1.0	12.9	14.1	22.0
1965-66	100.0	78.4	14.4	3.1	.4	2.0	2.0	12.0	10.0	1.0	13.4	16.0	18.4
1966-67	100.0	71.0	16.3	2.2	.4	2.2	2.2	14.0	12.7	1.0	10.3	12.0	16.4
1967-68	100.0	82.1	17.1	1.4	.4	1.4	1.4	16.4	14.4	1.4	14.4	17.4	19.4
1968-69	100.0	81.0	17.4	1.4	.4	1.4	1.4	18.4	16.4	1.4	16.4	19.4	21.4
1969-70	100.0	82.0	17.4	1.4	.4	1.4	1.4	17.4	15.4	1.4	16.4	19.4	21.4
OATS, Chicago Board of Trade													
1960-61	100.0	41.0	19.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	70.0
1961-62	100.0	41.4	18.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	64.8
1962-63	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	69.4
1963-64	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	70.0
1964-65	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	69.6
1965-66	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	69.6
1966-67	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	69.6
1967-68	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	69.6
1968-69	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	69.6
1969-70	100.0	41.4	17.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	41.4	14.4	69.6

Table 22. Annual average of midmonth and monthend long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, 1960-61 to 1969-70—Continued

Year	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as:									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Long	Short		
				Long	Short	Long	Short	Long	Short				
COTTON, New York Cotton Exchange													
1960-61	100.0	72.1	54.0	4.9	8.6	6.3	6.1	11.2	14.9	16.7	31.1	27.2	46.0
1961-62	100.0	77.5	49.2	7.5	1.7	3.7	4.3	13.2	5.8	11.2	45.0	24.4	50.8
1962-63	100.0	70.0	76.2	1.3	5.4	4.5	4.4	5.8	10.3	24.2	13.5	30.0	23.8
1963-64	100.0	81.1	73.1	7.0	4.1	1.5	8.9	5.6	10.4	1.3	18.7	6.4	28.0
1964-65	100.0	81.1	47.2	5.1	3.0	4.1	4.1	9.2	7.1	3.7	51.7	18.3	50.8
1965-66	100.0	79.5	39.1	4.1	6.9	7.9	7.4	15.0	14.8	27.6	47.2	39.6	62.0
1966-67	100.0	60.4	38.0	4.1	3.1	4.7	4.7	11.6	7.8	17.9	52.1	24.5	60.9
1967-68	100.0	70.5	39.1	4.1	3.1	4.7	4.7	11.6	7.8	17.9	52.1	24.5	60.9
1968-69	100.0	70.5	39.1	4.1	3.1	4.7	4.7	11.6	7.8	17.9	52.1	24.5	60.9
1969-70	100.0	70.5	39.1	4.1	3.1	4.7	4.7	11.6	7.8	17.9	52.1	24.5	60.9
WOOL, Wool Associates of the New York Cotton Exchange													
1960-61	100.0	79.3	42.2	8.0	2.5	6.6	6.6	14.6	4.1	6.1	48.7	20.7	46.4
1961-62	100.0	65.1	37.9	7.3	6.2	14.0	14.0	21.1	20.2	13.6	43.9	28.7	57.8
1962-63	100.0	82.5	26.2	16.8	8.4	5.9	5.7	22.7	14.1	28.8	54.7	47.5	71.8
1963-64	100.0	59.7	44.1	18.1	.6	2.6	2.6	20.7	3.2	14.6	52.7	40.3	58.9
1964-65	100.0	60.1	44.9	14.6	11.0	4.4	4.4	24.0	6.4	19.6	46.1	34.0	56.0
1965-66	100.0	75.5	42.5	11.0	4.6	6.9	6.4	18.8	12.5	5.7	66.0	24.5	77.5
1966-67	100.0	46.4	28.0	12.6	.6	2.7	2.7	22.3	4.3	3.3	67.7	53.6	79.0
1967-68	100.0	44.7	35.8	6.5	.6	3.7	3.7	12.2	5.3	43.1	70.9	55.3	74.2
1968-69	100.0	40.5	22.6	10.0	.8	3.1	3.1	13.1	3.9	46.4	73.0	59.5	77.4
1969-70	100.0	46.7	30.3	11.0	.8	.8	.8	12.8	1.1	40.5	68.6	52.3	69.7
SHELL EGGS, Chicago Mercantile Exchange													
1960-61	100.0	71.5	74.1	16.3	10.8	10.8	10.8	27.0	21.6	1.5	4.3	28.5	25.9
1961-62	100.0	80.3	71.3	11.6	18.2	8.2	8.2	14.6	26.4	.1	2.1	13.7	28.7
1962-63	100.0	82.5	75.4	10.2	15.8	6.6	6.6	16.8	22.4	.7	2.2	17.5	24.0
1963-64	100.0	77.1	71.1	15.1	15.1	5.4	5.4	14.7	20.0	.1	2.4	14.8	22.9
1964-65	100.0	81.4	76.3	12.8	10.3	5.0	5.0	15.4	14.7	1.8	7.3	17.6	20.6
1965-66	100.0	80.9	83.7	13.0	7.4	5.6	5.6	18.6	17.7	.7	4.0	16.6	23.7
1966-67	100.0	77.6	77.6	18.3	6.0	8.7	8.7	27.0	17.7	.4	4.7	14.1	16.8
1967-68	100.0	73.5	74.4	17.1	8.3	7.6	7.6	25.5	15.1	1.0	4.7	16.5	25.6
1968-69	100.0	70.2	69.2	17.1	12.4	5.7	5.7	23.6	18.1	4.0	12.0	27.8	20.1
1969-70	100.0	70.2	69.2	17.1	12.4	5.7	5.7	23.6	18.1	4.0	12.0	27.8	20.1
FRESH EGGS, Chicago Mercantile Exchange													
1960-61	100.0	67.1	65.1	15.4	26.6	13.2	13.2	20.7	43.8	2.0	0.4	30.1	44.7
1961-62	100.0	70.1	67.7	14.0	37.4	8.0	8.0	20.0	45.4	.6	1.4	20.6	37.1
1962-63	100.0	76.1	67.6	13.6	13.6	6.8	6.8	17.4	37.4	2.5	4.4	24.0	32.8
1963-64	100.0	73.4	67.4	18.7	7.1	7.1	7.1	18.9	25.5	0.1	7.0	26.1	32.5
1964-65	100.0	70.3	73.8	15.4	8.4	4.0	4.0	13.1	15.9	0.1	16.5	20.1	26.2
1965-66	100.0	72.4	64.7	17.6	16.7	5.7	5.7	14.9	22.2	1.6	17.1	16.1	55.3
POTatoes (Maine), New York Mercantile Exchange													
1960-61	100.0	61.3	33.3	15.4	16.6	8.6	8.6	13.8	30.2	14.4	35.5	46.7	60.7
1961-62	100.0	58.0	30.2	18.1	10.2	11.7	11.7	13.4	21.4	9.2	48.6	30.7	70.0
1962-63	100.0	65.5	34.1	19.1	11.7	11.7	11.7	13.4	21.4	6.7	44.4	27.5	65.1
1963-64	100.0	58.0	33.6	16.1	8.5	9.4	9.4	12.0	18.2	24.5	40.1	52.5	66.4
1964-65	100.0	66.6	46.4	16.1	7.7	10.6	10.6	12.6	45.7	18.5	10.7	11.4	54.7
1965-66	100.0	56.1	40.0	15.1	10.2	10.2	10.2	10.7	30.4	8.4	27.6	13.3	58.0
1966-67	100.0	63.1	48.6	18.3	18.3	10.2	10.2	11.7	44.4	7.4	33.5	36.0	54.4
1967-68	100.0	54.7	44.1	12.4	10.5	10.5	10.5	10.4	38.8	4.6	35.1	35.0	54.7
1968-69	100.0	65.2	51.1	17.8	11.1	9.1	9.1	10.1	31.1	2.1	44.3	35.0	54.7
1969-70	100.0	64.6	61.4	14.0	11.2	7.2	7.2	11.1	31.1	3.1	17.5	18.4	38.6
WYOMING OIL, New York Produce Exchange													
1960-61	100.0	56.1	17.4	24.4	22.5	11.0	11.0	35.4	44.2	8.0	20.0	47.7	27.7
1961-62	100.0	51.9	22.2	16.7	15.7	14.2	14.2	30.7	37.4	17.4	10.8	46.2	29.7
1962-63	100.0	49.3	21.6	18.1	16.3	7.6	7.6	25.7	32.4	26.1	51.9	61.7	70.4
1963-64	100.0	20.8	20.8	10.0	16.3	3.4	3.4	14.1	39.1	49.1	70.0	70.1	80.1
1964-65	100.0	63.1	17.4	10.7	2.1	4.1	4.1	14.8	6.7	22.1	76.4	36.4	62.7
1965-66	100.0	72.7	22.4	12.4	0	2.0	2.0	14.2	22.2	22.4	42.7	27.3	43.7
WYOMING OIL, Chicago Board of Trade													
1960-61	100.0	37.4	21.6	17.4	17.4	14.8	14.8	38.7	43.1	14.4	45.3	67.4	74.4
1961-62	100.0	44.1	19.7	17.4	14.7	13.0	13.0	40.6	41.4	11.1	51.1	65.4	70.4
1962-63	100.0	36.5	20.0	13.0	14.4	22.0	22.0	22.4	31.4	31.4	48.6	74.4	80.1
1963-64	100.0	20.4	5.4	18.1	6.4	28.1	28.1	44.4	37.4	44.7	58.8	74.4	84.1
1964-65	100.0	33.8	13.0	14.4	1.3	21.4	21.4	31.4	37.4	37.4	63.4	74.4	84.1
1965-66	100.0	35.6	14.6	16.1	1.7	13.7	13.7	16.7	26.7	26.7	44.7	54.4	64.4
1966-67	100.0	38.9	13.8	18.4	1.7	13.7	13.7	16.7	26.7	26.7	44.7	54.4	64.4
1967-68	100.0	38.4	11.6	1.0	4.4	26.7	26.7	31.4	31.4	31.4	44.7	71.1	86.6
1968-69	100.0	38.4	11.7	8.4	4.4	13.4	13.4	13.4	13.4	13.4	44.7	71.1	86.6
1969-70	100.0	31.1	15.7	17.4	17.4	17.4	17.4	17.4	17.4	17.4	44.7	71.1	86.6
WYOMING OIL, Chicago Board of Trade													
1960-61	100.0	42.1	1.1	.4	.4	14.1	14.1	14.1	14.1	14.1	44.7	44.7	44.7
1961-62	100.0	35.9	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1962-63	100.0	28.5	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1963-64	100.0	31.7	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1964-65	100.0	24.4	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1965-66	100.0	21.7	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1966-67	100.0	20.6	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1967-68	100.0	24.5	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1968-69	100.0	21.4	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7
1969-70	100.0	33.9	1.1	14.5	14.5	14.7	14.7	14.7	14.7	14.7	44.7	44.7	44.7

COMMITMENTS OF REPORTING TRADERS

Table 2. Annual average of midmonth and monthend long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, 1968-69 to 1969-70--Continued

Year	Total open contracts	Nonreporting (small) traders' speculative and hedging/commitments		Reporting (large) traders' commitments classified by them as:									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Long	Short	Long	Short
				Long	Short	Long	Short	Long	Short				
LIVE BEEF CATTLE, Chicago Mercantile Exchange													
1968-69	100.0	54.8	34.0	20.3	7.1	9.7	4.7	22.0	16.8	14.2	35.3	46.2	55.1
1969-70	100.0	53.3	47.3	17.5	7.1	21.5	21.2	24.0	20.6	14.7	22.1	48.7	50.7
LIVE HOGS, Chicago Mercantile Exchange													
1968-69	100.0	85.0	75.0	0.1	1.0	4.0	4.0	13.1	16.0	1.7	0.0	14.8	25.0
1969-70	100.0	74.6	7.3	11.8	12.1	4.7	4.7	16.5	16.8	8.0	10.9	25.1	27.7
FRESH YORK BELTEND, Chicago Mercantile Exchange													
1968-69	100.0	64.0	60.0	0.8	14.8	21.0	21.0	20.8	21.0	1.0	7.0	31.8	37.8
1969-70	100.0	69.1	61.0	16.8	12.1	21.2	21.2	21.0	21.0	2.7	4.6	34.7	37.1
INDEX REPRESENTING GEORGE JONES, (Trust Associate of the New York Cotton Exchange)													
1968-69	100.0	46.0	0.8	1.0	0.6	0.7	0.7	10.1	17.4	44.7	11.0	44.0	49.0
1969-70	100.0	41.0	0.0	1.0	12.7	6.3	6.3	12.0	24.0	17.2	34.0	28.0	56.0

1/ Derived by subtracting reporting traders' commitments from total open contracts.

NOTE: Effective July 1, 1969, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

Table 23. Long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, semi-monthly, July 1969 to June 1970

Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as speculative or hedging									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Long	Short		
				Long	Short	Long	Short	Long	Short			Long	Short
WHEAT, Chicago Board of Trade													
July	100.0	45.3	28.6	16.5	3.6	23.4	24.2	39.9	27.8	16.8	43.6	54.7	71.4
August	100.0	46.7	23.6	14.7	3.0	26.0	26.0	40.7	20.9	12.6	48.5	53.3	76.4
September	100.0	44.6	21.8	10.8	3.0	29.5	30.7	40.3	33.7	15.1	48.5	58.4	78.2
October	100.0	45.3	21.2	11.9	1.5	26.9	27.2	38.8	30.7	15.9	48.1	58.7	78.8
November	100.0	47.1	21.0	10.8	2.5	29.7	29.4	40.5	31.9	16.8	46.3	59.3	78.2
December	100.0	36.4	23.1	11.5	3.3	28.5	28.1	37.9	30.6	15.0	48.2	58.9	79.0
January	100.0	38.4	23.1	10.4	5.0	28.2	29.0	43.8	33.2	16.8	43.7	61.6	76.9
February	100.0	38.4	23.1	10.3	4.8	33.0	30.9	43.3	35.7	18.3	41.2	60.5	73.1
March	100.0	35.5	26.0	9.5	5.4	31.5	30.6	41.0	36.0	23.5	37.1	64.5	73.1
April	100.0	30.7	31.4	8.9	5.5	28.6	29.0	38.5	34.5	30.8	33.6	69.3	68.1
May	100.0	33.4	29.2	8.6	6.2	27.0	27.9	35.6	33.7	31.0	32.1	66.6	65.8
June	100.0	29.2	27.0	10.4	5.0	26.9	27.6	37.3	32.6	33.5	29.5	70.8	62.1
Average	100.0	37.4	27.1	11.8	5.1	28.1	28.1	37.3	31.0	24.7	36.5	62.6	67.7

WHEAT, Minneapolis Grain Exchange													
July	100.0	7.6	11.3	0	0	3.4	0	3.4	70.2	71.3	79.2	74.7	
August	100.0	7.6	11.3	0	0	3.4	0	3.4	71.1	74.1	80.3	77.2	
September	100.0	11.8	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
October	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
November	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
December	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
January	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
February	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
March	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
April	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
May	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
June	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
Average	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	

WHEAT, Kansas City Board of Trade													
July	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
August	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
September	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
October	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
November	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
December	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
January	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
February	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
March	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
April	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
May	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
June	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	
Average	100.0	11.3	11.3	0	0	5.1	0	5.1	69.2	71.1	84.3	76.4	

COMMITMENTS OF REPORTING TRADERS

Table 23. Long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, semi-monthly, July 1969 to June 1970—Continued

Date	Total open contracts	Nonreporting (small traders) speculative and hedging/commitments		Reporting (large) traders' commitments classified by them as speculative or hedging									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Long	Short	Long	Short
				Long	Short	Long	Short	Long	Short				
CBOT, Chicago Board of Trade													
July 15	100.0	41.4	26.6	14.0	3.7	24.8	24.8	35.3	4.5	14.8	42.1	58.6	74.9
July 31	100.0	31.7	27.0	7.4	4.2	20.0	24.2	36.4	3.1	21.1	38.2	58.2	75.1
August 15	100.0	32.9	28.6	7.0	3.3	25.1	28.4	35.1	2.1	22.9	41.7	61.9	80.2
August 31	100.0	28.5	29.8	7.1	3.4	21.4	24.7	34.3	2.9	20.7	36.3	57.2	75.7
September 15	100.0	28.6	29.0	6.5	4.8	21.6	26.1	31.2	3.6	21.1	35.4	56.4	76.0
September 30	100.0	26.3	31.0	6.3	7.4	22.0	28.3	29.2	2.7	24.9	32.6	55.7	74.0
October 15	100.0	31.0	24.6	7.4	6.0	20.1	27.1	28.1	3.2	22.1	30.4	52.3	73.6
October 31	100.0	34.1	24.5	6.0	5.7	27.4	33.1	31.9	2.2	23.7	31.7	56.2	77.1
November 15	100.0	32.3	21.3	7.2	4.6	24.6	29.8	28.7	3.1	24.7	31.8	54.9	74.5
November 30	100.0	31.7	24.7	4.6	4.6	23.8	28.4	28.6	4.8	23.8	30.4	53.2	74.2
December 15	100.0	30.7	21.6	4.1	6.2	23.4	27.5	28.0	2.9	22.8	30.7	53.2	74.4
December 31	100.0	29.2	21.3	3.1	6.7	24.6	31.3	28.0	4.3	24.3	32.3	54.2	74.7
January 15	100.0	31.7	22.0	4.5	5.4	23.1	27.6	28.6	3.0	22.7	31.7	54.1	74.2
January 31	100.0	34.2	22.8	2.8	5.4	23.0	28.4	29.8	3.0	23.8	32.8	55.8	75.2
February 15	100.0	33.7	19.6	7.6	4.7	22.7	27.4	29.9	4.1	23.8	31.1	54.9	75.2
February 28	100.0	34.6	19.2	7.6	4.1	24.0	28.1	29.9	4.2	24.7	31.1	55.2	75.2
March 15	100.0	36.2	21.1	7.3	6.8	23.7	30.5	29.9	4.9	24.9	32.8	56.7	76.4
March 31	100.0	39.0	20.4	6.0	7.8	26.7	34.5	31.6	4.9	26.5	33.4	59.0	74.6
April 15	100.0	46.0	21.0	7.2	6.8	26.8	33.6	31.5	4.6	26.6	34.0	59.8	79.0
April 30	100.0	46.3	26.4	7.2	7.5	24.0	31.5	32.5	4.8	24.8	34.1	59.7	74.6
May 15	100.0	47.5	25.8	7.7	4.0	27.7	31.7	33.4	4.7	27.1	37.9	62.6	76.8
May 31	100.0	47.4	25.1	8.3	6.1	26.2	32.3	32.7	4.3	28.0	37.7	62.6	74.4
June 15	100.0	46.6	26.5	13.1	4.5	21.5	26.0	28.8	4.8	21.8	27.7	51.4	73.5
June 30	100.0	38.3	28.0	10.2	3.7	21.5	25.2	27.7	4.0	21.8	26.7	51.7	72.0
Average	100.0	35.6	24.6	7.4	5.7	21.8	24.4	28.7	27.1	27.3	36.1	55.0	75.4
QWC, Chicago Board of Trade													
July 15	100.0	61.4	51.0	8.2	1.2	12.5	11.5	11.2	19.1	19.2	38.3	48.0	68.0
July 31	100.0	62.7	44.6	6.7	2.6	10.6	10.6	17.3	12.7	17.1	34.1	37.1	56.4
August 15	100.0	64.0	54.2	5.9	1.5	7.7	7.9	12.5	11.1	12.1	23.6	21.0	47.6
August 31	100.0	72.7	57.0	3.3	3.3	7.9	12.6	12.6	17.7	17.7	35.4	35.1	57.7
September 15	100.0	76.7	55.1	3.6	2.7	11.4	10.6	10.7	11.1	12.7	22.2	22.1	47.7
September 30	100.0	75.6	54.3	3.1	4.0	12.8	12.6	13.6	11.4	12.8	22.8	22.0	49.7
October 15	100.0	72.7	54.7	3.8	4.1	13.8	10.4	16.7	12.1	14.4	20.1	22.9	49.5
October 31	100.0	63.7	45.4	4.4	8.0	16.2	13.1	20.6	11.7	17.9	29.6	26.3	44.6
November 15	100.0	68.2	34.3	3.1	4.5	18.1	16.4	22.4	11.2	12.4	23.6	21.8	45.7
November 30	100.0	67.8	1.7	4.8	4.8	20.6	13.0	24.4	11.1	12.9	26.5	20.2	43.3
December 15	100.0	74.4	34.7	10.1	7.1	13.0	14.7	32.0	11.9	14.0	26.9	24.5	46.6
December 31	100.0	64.8	27.4	9.6	7.9	15.6	17.9	22.2	12.7	13.4	26.1	22.6	43.6
January 15	100.0	61.3	27.3	7.9	3.5	15.3	18.0	24.3	12.5	14.0	26.5	21.9	44.7
January 31	100.0	61.6	33.1	10.7	3.5	18.7	16.4	24.4	12.1	13.9	27.0	20.4	46.9
February 15	100.0	62.4	33.1	7.5	3.7	24.6	22.1	28.1	12.4	14.7	26.7	20.8	45.8
February 28	100.0	57.6	37.9	16.7	1.0	21.3	12.8	26.6	12.8	14.4	25.2	20.8	43.5
March 15	100.0	61.4	41.7	11.1	0	20.5	18.1	23.6	12.1	14.7	24.4	21.6	43.3
March 31	100.0	59.1	38.6	16.8	1.1	19.7	19.5	22.4	12.4	13.4	24.8	21.6	43.3
April 15	100.0	58.6	42.2	13.8	1.1	16.6	16.6	20.2	11.1	12.1	23.3	21.4	41.6
April 30	100.0	49.8	60.7	23.0	11.1	11.6	11.6	14.1	6.8	6.8	13.6	10.2	33.1
May 15	100.0	63.1	71.9	25.0	4.0	5.1	11.2	11.2	6.9	6.8	11.6	10.7	30.1
May 31	100.0	68.1	70.8	20.4	2	12.4	12.4	14.7	11.3	11.3	14.6	11.1	29.2
June 15	100.0	70.5	65.1	20.1	5	8.4	8.4	11.1	11.1	11.1	12.3	11.5	31.7
June 30	100.0	74.7	51.0	12.4	5	9.6	9.6	12.9	11.0	11.0	13.6	12.0	41.0
Average	100.0	64.4	37.8	8.5	4.1	16.7	14.8	20.7	17.1	17.1	31.6	31.6	47.2
QWBASS, Chicago Board of Trade													
July 15	100.0	17.4	29.8	4.9	10.4	32.5	32.5	37.0	42.1	42.1	37.3	42.1	70.2
July 31	100.0	14.4	17.8	1.7	12.0	31.2	31.2	35.7	43.1	43.1	34.0	34.0	67.9
August 15	100.0	14.6	40.1	3.3	11.0	27.2	27.2	31.6	41.4	41.4	31.5	31.5	66.6
August 31	100.0	13.1	31.1	3.4	11.4	31.1	31.1	34.7	43.6	43.6	29.5	29.5	68.0
September 15	100.0	12.7	31.4	3.5	10.4	36.3	36.3	39.8	46.7	46.7	1.7	1.7	68.6
September 30	100.0	11.9	13.9	2.7	13.7	37.1	37.1	42.8	46.8	46.8	14.4	14.4	68.3
October 15	100.0	12.5	11.4	2.1	4.2	32.1	32.1	35.6	42.1	42.1	36.1	36.1	74.7
October 31	100.0	24.6	19.8	4.1	14.1	34.1	34.1	41.7	43.1	43.1	37.8	37.8	75.4
November 15	100.0	26.4	17.8	4.4	4.9	31.1	31.1	34.4	36.3	36.3	43.2	43.2	73.3
November 30	100.0	23.4	17.8	4.1	5.7	36.1	36.1	40.0	36.4	36.4	41.7	41.7	68.2
December 15	100.0	20.7	17.2	4.0	5.1	32.7	32.7	36.1	38.2	38.2	47.5	47.5	61.8
December 31	100.0	17.4	17.4	3.0	5.1	32.1	32.1	37.7	37.1	37.1	41.9	41.9	67.7
January 15	100.0	11.0	16.4	4.6	4.0	25.2	25.2	28.9	32.1	32.1	40.6	40.6	61.7
January 31	100.0	13.6	12.7	4.0	5.9	25.2	25.2	28.1	30.4	30.4	39.4	39.4	61.1
February 15	100.0	13.4	17.8	4.0	4.6	21.5	21.5	24.7	27.0	27.0	36.9	36.9	59.4
February 28	100.0	11.4	17.8	4.0	5.0	18.8	18.8	21.6	24.6	24.6	31.6	31.6	61.0
March 15	100.0	17.1	32.9	3.0	4.6	14.1	14.1	16.1	18.6	18.6	31.4	31.4	57.7
March 31	100.0	14.7	25.8	2.2	11.7	18.8	18.8	21.5	24.0	24.0	28.6	28.6	56.6
April 15	100.0	6.4	26.6	3.0	2.7	18.8	18.8	21.9	27.1	27.1	36.4	36.4	51.4
April 30	100.0	17.7	26.0	4.0	3.7	17.4	17.4	20.8	26.7	26.7	36.4	36.4	51.4
May 15	100.0	16.8	24.6	3.0	5.1	17.2	17.2	18.1	21.1	21.1	29.1	29.1	50.6
May 31	100.0	18.1	24.6	4.4	3.3	20.7	20.7	23.0	24.6	24.6	31.4	31.4	50.6
June 15	100.0	28.1	27.1	9.1	3.4	26.8	26.8	29.9	31.6	31.6	48.7	48.7	71.4
June 30	100.0	23.3	27.6	7.8	3.2	22.5	22.5	26.3	30.7	30.7	41.1	41.1	62.6
Average	100.0	14.8	24.8	5.1	7.4	26.1	26.1	31.2	44.5	44.5	40.1	40.1	60.7

Table 23. Long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, semi-monthly, July 1969 to June 1970—Continued

Date	Total open contracts	Nonreporting (small traders) speculative and hedging commitments ¹		Reporting (large) traders' commitments classified by them as speculative or hedging									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading) ²		Total		Long	Short	Long	Short
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short		
COTTON, "Contract No. 2," New York Cotton Exchange													
July 15	100.0	57.8	42.4	0.8	8.2	11.3	11.3	12.1	19.5	30.1	38.1	42.8	57.6
July 31	100.0	56.5	43.9	.6	6.9	11.7	11.7	12.3	20.6	31.2	35.5	41.5	56.1
August 15	100.0	59.7	40.1	3.0	5.0	8.0	8.0	11.0	13.2	29.3	32.7	40.3	55.9
August 31	100.0	61.0	39.6	3.3	1.9	3.4	9.4	10.8	8.0	26.2	30.6	37.0	59.4
September 15	100.0	69.4	31.1	2.9	5.5	2.1	2.6	16.4	11.9	27.2	43.1	49.8	67.5
September 30	100.0	65.2	45.3	1.0	5.0	6.6	6.6	13.3	11.3	27.1	36.6	39.4	65.4
October 15	100.0	74.7	25.5	.5	3.0	3.6	3.6	4.1	6.6	21.2	57.9	62.9	74.7
October 31	100.0	79.2	20.5	.5	7.1	6.0	6.9	7.4	14.0	13.4	62.5	70.5	81.5
November 15	100.0	80.5	26.6	2.7	2.6	5.4	5.4	8.1	8.0	12.4	65.4	75.7	81.4
November 31	100.0	69.3	32.1	8.8	2.0	7.4	7.4	16.2	9.4	14.5	68.8	80.7	86.2
December 15	100.0	72.7	27.1	14.0	5.5	2.1	2.4	2.1	9.7	13.2	55.3	67.3	76.9
December 31	100.0	73.2	29.3	13.8	5.6	1.6	1.6	16.1	7.6	10.4	62.5	75.8	82.9
January 15	100.0	71.9	35.7	11.5	6.1	1.6	1.6	13.1	11.1	15.4	56.4	67.3	77.1
January 31	100.0	63.0	37.7	11.9	.1	1.5	1.5	13.0	1.6	17.1	60.7	70.1	82.3
February 15	100.0	68.6	38.2	13.4	.1	1.5	1.5	14.9	1.6	16.5	60.2	71.4	81.8
February 28	100.0	72.8	43.9	8.6	.1	1.7	1.7	10.3	1.8	16.9	54.3	67.2	81.1
March 15	100.0	77.4	40.1	5.7	.1	2.1	2.5	7.8	3.4	14.8	49.5	57.6	71.9
March 31	100.0	73.2	47.9	7.3	.1	2.4	2.4	14.7	2.5	18.0	52.7	65.7	80.1
April 15	100.0	73.3	40.5	9.6	.1	2.4	2.4	12.0	2.5	16.9	54.7	69.1	83.5
April 30	100.0	69.9	42.0	10.9	.1	2.1	2.3	13.2	2.4	15.9	54.7	70.1	84.5
May 15	100.0	73.5	40.4	10.2	.1	2.6	2.6	12.8	2.7	13.4	55.8	71.5	86.6
May 31	100.0	73.5	41.4	10.1	.1	2.6	2.6	12.7	2.7	13.8	55.9	72.5	87.6
June 15	100.0	77.4	34.5	10.2	.1	2.5	2.5	12.7	2.6	9.9	57.8	72.6	88.4
June 30	100.0	76.7	36.3	10.9	.1	1.2	1.2	12.1	1.3	11.2	62.4	73.3	91.7
Average	100.0	70.5	39.1	6.9	3.1	4.7	4.7	11.6	7.8	17.9	53.1	70.5	80.9
WOOL, Wool Associates of the New York Cotton Exchange													
July 15	100.0	44.4	30.1	11.8	0	0.5	0.5	12.3	0.5	43.1	69.4	55.6	69.9
July 31	100.0	40.1	23.8	11.5	0	.5	.5	12.0	.5	47.9	73.7	59.9	74.2
August 15	100.0	35.0	17.7	10.8	0	.5	.5	11.1	.5	46.7	61.0	52.1	68.1
August 31	100.0	37.2	13.1	10.5	0	.5	.5	11.0	.5	51.8	66.4	62.8	86.9
September 15	100.0	36.7	15.7	10.7	0	.5	.6	11.2	.5	52.1	83.8	61.3	84.3
September 30	100.0	31.6	16.0	11.7	0	.5	.5	12.2	.5	56.2	88.5	68.4	89.0
October 15	100.0	47.7	16.0	12.0	0	.8	.8	12.7	.7	44.6	85.3	57.3	84.0
October 31	100.0	41.5	17.2	12.6	0	.8	.8	13.4	.8	45.1	82.0	58.5	82.8
November 15	100.0	48.8	21.4	12.0	0	1.4	1.4	13.4	1.4	47.8	77.2	61.2	77.5
November 30	100.0	38.3	24.6	11.2	0	1.9	1.5	11.3	1.5	48.4	74.9	61.7	78.8
December 15	100.0	42.6	23.0	12.4	0	1.6	1.6	14.0	1.6	43.4	73.2	57.4	73.5
December 31	100.0	31.6	22.7	12.1	0	1.4	1.4	14.0	1.4	47.5	74.9	61.7	78.8
January 15	100.0	44.5	24.5	12.7	0	2.0	2.0	12.5	.4	42.8	74.9	61.7	78.8
January 31	100.0	58.8	35.8	12.1	0	2.0	2.0	14.9	2.0	42.8	55.5	57.5	57.5
February 15	100.0	62.1	52.8	11.2	0	1.1	1.1	14.0	2.5	49.4	49.0	49.0	49.0
February 28	100.0	63.1	50.1	9.4	7.1	1.1	1.1	6.5	8.2	30.4	41.7	56.9	64.4
March 15	100.0	79.4	55.5	13.0	0	0	0	13.0	0	14.6	40.8	27.6	40.8
March 31	100.0	69.7	48.8	12.8	0	0	0	12.2	0	22.1	51.2	34.3	51.2
April 15	100.0	67.1	36.3	11.7	0	2.1	2.5	13.2	2.1	27.5	63.3	67.7	69.7
April 30	100.0	60.7	37.3	11.8	0	0	0	13.8	0	27.5	63.3	67.7	69.7
May 15	100.0	60.3	37.7	13.3	0	0	0	13.2	0	26.4	62.3	64.6	61.2
May 31	100.0	56.4	34.8	14.7	0	0	0	14.7	0	28.1	65.2	64.6	61.2
June 15	100.0	54.1	34.7	16.7	0	0	0	16.2	0	15.5	66.8	45.7	66.8
June 30	100.0	42.1	34.7	13.6	0	0	0	15.4	0	32.3	65.4	47.9	65.9
Average	100.0	44.7	30.1	11.6	0	0	0	12.9	1.1	49.5	68.6	53.3	69.7
SHELL BROS., Chicago Mercantile Exchange													
July 15	100.0	75.3	64.7	13.8	7.6	7.4	7.4	2.7	15.2	0.9	16.1	30.1	33.3
July 31	100.0	70.1	58.7	12.8	8.0	8.5	8.5	2.7	15.2	1.4	15.2	27.9	30.4
August 15	100.0	66.4	53.9	11.6	8.2	7.1	7.1	2.5	14.7	1.5	13.2	24.0	26.6
August 31	100.0	71.0	57.5	11.6	6.5	6.6	6.6	2.5	14.1	.5	11.3	28.1	29.4
September 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
September 30	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
October 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
October 31	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
November 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
November 30	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
December 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
December 31	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
January 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
January 31	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
February 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
February 28	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
March 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
March 31	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
April 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
April 30	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
May 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
May 31	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
June 15	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
June 30	100.0	74.0	52.7	11.2	6.2	6.2	6.2	2.5	14.7	.4	11.7	31.8	34.4
Average	100.0	70.1	60.4	11.8	7.4	7.4	7.4	2.7	15.2	0.9	16.1	30.1	33.3

COMMITMENTS OF REPORTING TRADERS

Table 23. Long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, semi-monthly, July 1969 to June 1970--Continued

Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as speculative or hedging									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Hedging		Total	
				Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
POTATOES (Dixie), New York Mercantile Exchange													
July 15	100.0	66.8	55.1	13.6	7.3	13.0	19.0	31.6	1.4	1.6	15.8	33.2	50.7
July 31	100.0	67.5	54.5	11.5	7.3	15.7	17.7	30.7	1.6	2.3	14.6	32.6	46.5
August 15	100.0	67.8	55.4	13.6	8.2	17.4	17.4	31.0	3.6	1.2	16.2	33.2	45.0
August 31	100.0	68.4	55.3	13.4	8.4	17.1	17.1	30.5	3.5	1.1	15.3	31.6	41.7
September 15	100.0	67.3	55.8	11.8	10.8	18.6	18.6	30.4	2.3	2.3	15.3	31.7	41.2
September 30	100.0	68.1	54.4	11.2	12.0	16.0	16.0	30.2	2.7	1.6	15.8	31.7	41.6
October 15	100.0	69.9	59.8	15.1	8.7	14.3	14.3	29.2	2.8	1.9	16.2	32.1	43.5
October 31	100.0	68.3	61.0	20.8	10.3	11.1	11.1	28.1	1.9	1.7	16.2	32.1	41.1
November 15	100.0	61.2	62.9	24.5	4.6	4.1	4.1	18.6	2.7	3.1	18.4	31.1	37.1
November 30	100.0	66.4	63.0	23.0	7.4	6.8	6.8	18.2	1.8	1.8	18.2	30.9	36.4
December 15	100.0	64.0	54.3	24.7	12.6	3.7	3.7	17.4	5.1	1.6	17.4	30.3	34.5
December 31	100.0	60.8	50.8	30.2	10.2	7.1	7.1	17.3	1.9	1.9	17.3	30.3	34.2
January 15	100.0	59.7	54.4	31.4	6.6	4.4	4.4	16.2	1.3	1.3	16.2	30.1	31.6
January 31	100.0	64.6	57.6	33.9	11.2	6.1	6.1	15.8	4.3	2.7	15.8	30.1	34.4
February 15	100.0	60.7	60.7	14.6	6.1	6.1	6.1	15.0	1.7	1.8	14.8	30.1	33.3
February 28	100.0	62.1	58.7	24.9	14.9	4.1	4.1	15.6	3.6	2.3	16.7	31.7	41.3
March 15	100.0	60.1	58.3	31.7	15.3	5.1	5.1	15.0	2.9	2.0	15.1	30.3	37.7
March 31	100.0	59.5	68.0	37.4	17.5	3.9	3.9	14.4	1.1	1.1	14.5	30.3	37.0
April 15	100.0	63.4	68.3	33.3	13.9	1.2	1.2	14.9	1.1	1.1	14.6	30.6	37.0
April 30	100.0	64.6	71.0	23.1	15.4	1.0	1.0	14.1	1.3	1.3	14.6	30.6	35.0
May 15	100.0	67.1	67.7	4.6	6.0	3.9	3.9	12.5	8.7	4	5.4	13.4	14.3
May 31	100.0	64.8	70.2	5.7	13.4	5.1	5.1	14.6	1.4	1.4	14.3	15.3	21.6
June 15	100.0	77.1	70.7	11.3	18.4	7.6	7.6	15.9	26.0	3.9	3.1	22.8	29.3
June 30	100.0	73.1	71.3	15.5	16.6	1.3	1.3	14.8	29.0	4.1	2.8	28.7	28.7
Average		64.6	61.4	24.0	11.9	4.7	4.7	33.2	21.1	2.2	17.5	35.4	38.6

SOYBEAN OIL, Chicago Board of Trade													
July 15	100.0	26.1	11.7	6.2	4.5	23.2	26.2	5.4	24.7	47.4	61.6	72.9	88.3
July 31	100.0	26.7	12.1	6.6	3.7	19.7	15.7	7.5	25.3	43.3	62.3	71.3	89.4
August 15	100.0	28.1	13.1	6.4	3.0	17.0	17.0	8.4	21.8	42.8	62.3	72.2	88.9
August 31	100.0	24.2	13.9	6.7	2.9	14.5	14.5	7.0	17.3	41.8	64.7	67.7	87.0
September 15	100.0	25.5	10.4	4.5	1.9	13.1	13.1	5.6	17.7	41.1	65.2	71.9	81.8
September 30	100.0	37.5	13.4	1.3	4.9	10.1	10.1	2.4	15.1	43.1	63.1	67.9	86.6
October 15	100.0	40.7	14.7	1.6	1.7	13.8	13.8	2.4	15.2	43.3	63.6	59.3	85.3
October 31	100.0	42.2	13.7	1.4	1.6	15.3	15.3	3.8	14.5	43.3	64.4	60.8	84.3
November 15	100.0	33.5	14.7	1.7	1.4	12.7	12.7	3.8	14.1	41.7	64.7	60.1	84.8
November 30	100.0	32.4	15.7	1.6	1.0	13.5	13.5	4.3	14.7	41.8	61.6	66.1	87.1
December 15	100.0	35.6	14.0	1.3	1.0	14.3	14.3	3.5	14.3	41.4	62.3	61.4	85.6
December 31	100.0	33.4	11.1	1.6	2.3	14.7	14.7	3.2	13.3	41.3	61.9	64.6	86.9
January 15	100.0	33.0	12.8	1.7	1.1	14.1	14.1	3.0	13.0	41.3	61.4	65.0	87.2
January 31	100.0	36.4	11.1	1.6	2.2	13.1	13.1	3.6	13.7	41.6	62.6	63.1	89.9
February 15	100.0	34.6	14.1	1.7	2.1	14.1	14.1	3.0	14.4	41.4	62.7	65.4	90.4
February 28	100.0	35.7	15.5	2.0	2.0	15.9	15.9	3.3	14.0	41.6	66.1	67.9	94.5
March 15	100.0	27.5	15.3	1.8	3.7	15.7	15.7	3.1	14.4	41.4	64.7	72.4	91.1
March 31	100.0	31.7	16.4	1.6	1.6	14.6	14.6	4.2	14.0	41.9	64.4	68.3	93.6
April 15	100.0	35.2	18.6	1.8	1.8	14.9	14.9	3.4	12.7	37.6	61.1	66.8	81.4
April 30	100.0	41.6	18.3	1.8	1.4	14.1	14.1	4.4	14.0	38.0	66.8	67.4	91.7
May 15	100.0	37.3	20.3	1.7	1.5	15.1	15.1	4.2	14.5	37.3	61.4	75.1	91.1
May 31	100.0	31.6	21.2	1.3	1.1	16.1	16.1	4.4	13.2	35.6	62.6	69.0	93.8
June 15	100.0	38.4	20.1	1.8	2.7	14.3	14.3	4.1	17.0	33.6	62.4	61.6	79.9
June 30	100.0	32.4	21.6	1.6	2.3	17.3	17.3	3.2	17.4	37.4	58.3	67.6	78.4
Average		33.1	15.7	1.5	1.7	17.8	17.8	33.7	40.0	33.7	64.1	66.9	84.1

SOYBEAN MEAL, Chicago Board of Trade													
July 15	100.0	14.6	11.4	1.0	0.7	13.4	13.4	19.4	21.6	62.0	65.5	80.4	85.1
July 31	100.0	17.7	16.4	1.3	7.5	14.8	14.8	19.4	21.3	66.7	64.3	82.3	85.6
August 15	100.0	17.6	16.8	1.4	4.0	14.7	14.7	19.1	24.7	64.4	64.5	82.3	89.2
August 31	100.0	16.1	11.5	1.4	7.8	16.4	16.4	14.3	24.7	66.1	65.3	85.4	88.5
September 15	100.0	14.9	12.3	1.5	3.5	14.0	14.0	14.9	24.5	63.6	63.2	81.1	87.7
September 30	100.0	17.1	15.0	7.9	5.1	13.8	13.8	16.4	26.4	52.4	57.7	79.4	84.6
October 15	100.0	20.7	11.3	1.7	1.4	14.1	14.1	14.4	24.6	48.2	62.4	78.0	88.8
October 31	100.0	21.0	11.1	1.7	1.1	13.2	13.2	16.2	17.3	39.8	75.6	66.7	92.0
November 15	100.0	20.7	11.0	1.8	1.8	13.0	13.0	18.2	19.1	41.1	67.2	70.3	87.0
November 30	100.0	26.4	14.8	2.8	3.1	13.1	13.1	18.1	13.4	47.7	64.0	73.6	85.4
December 15	100.0	20.3	11.1	2.1	3.6	11.3	11.3	14.7	24.1	44.3	63.7	74.0	88.6
December 31	100.0	18.1	11.1	2.2	2.6	11.6	11.6	14.7	26.8	42.6	58.2	73.1	87.0
January 15	100.0	20.6	14.8	2.7	1.4	14.6	14.6	16.6	19.6	42.1	64.0	71.4	85.4
January 31	100.0	19.5	11.1	1.4	4.5	15.0	15.0	13.4	19.5	41.0	64.1	82.0	88.0
February 15	100.0	16.2	11.1	1.0	2.0	14.8	14.8	17.5	14.7	34.9	60.4	61.1	80.1
February 28	100.0	14.2	11.1	1.4	3.4	14.1	14.1	15.1	17.1	31.0	60.6	61.7	81.1
March 15	100.0	14.4	11.0	1.1	4.1	13.6	13.6	16.4	17.3	39.4	60.3	65.7	83.0
March 31	100.0	14.2	11.1	1.1	4.6	14.4	14.4	16.4	18.4	39.6	57.7	68.7	83.0
April 15	100.0	14.4	11.1	1.1	4.6	14.4	14.4	17.1	17.1	37.1	58.3	65.0	80.3
April 30	100.0	14.7	11.4	1.0	3.0	14.0	14.0	16.6	16.6	36.0	61.0	64.6	84.6
May 15	100.0	14.1	11.4	1.3	1.3	14.1	14.1	14.6	14.6	34.0	61.6	61.7	81.2
May 31	100.0	14.1	11.1	1.6	1.6	14.1	14.1	14.6	14.6	34.0	61.6	61.7	81.2
June 15	100.0	14.4	11.1	1.0	1.0	14.4	14.4	14.1	14.1	34.1	61.6	61.7	81.2
June 30	100.0	14.1	11.6	1.7	1.7	14.5	14.5	14.6	14.6	34.0	61.6	61.7	81.2
Average		19.1	12.4	1.4	1.3	14.7	14.7	17.6	21.4	42.4	62.2	70.0	84.2

COMMITMENTS OF REPORTING TRADERS

Table 23. Long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, semi-monthly, July 1969 to June 1970--Continued

Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments		Reporting (large) traders' commitments classified by them as speculative or hedging									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading)		Total		Long	Short	Long	Short
				Long	Short	Long	Short	Long	Short				
LIVE BEEF CATTLE, Chicago Mercantile Exchange													
July 15	100.0	46.4	44.7	18.3	6.8	27.2	27.2	45.5	34.0	8.1	24.3	53.6	55.3
July 31	100.0	47.2	45.3	15.9	5.9	25.3	25.3	42.2	31.2	10.6	20.5	52.8	51.7
August 15	100.0	46.3	49.8	15.5	5.1	26.9	26.9	42.4	32.0	11.7	18.2	53.7	50.2
August 31	100.0	45.9	49.7	11.3	5.4	31.1	31.1	42.4	35.0	11.0	23.4	50.5	49.4
September 15	100.0	49.2	71.6	10.6	5.8	29.2	29.2	39.8	37.8	11.7	13.8	54.1	50.3
September 30	100.0	50.0	51.8	9.8	6.0	29.3	29.3	39.1	35.3	10.9	12.9	50.0	48.2
October 15	100.0	46.9	50.9	11.4	6.6	28.8	28.8	40.2	35.4	12.9	13.7	53.1	49.1
October 31	100.0	48.5	47.4	11.2	8.6	27.8	27.8	38.9	36.4	12.6	16.2	51.5	48.6
November 15	100.0	47.0	45.2	10.4	6.8	30.3	30.3	40.7	35.7	12.3	17.7	53.0	54.8
November 30	100.0	46.7	45.2	11.0	7.0	28.9	28.9	40.8	38.8	12.6	25.3	52.4	52.5
December 15	100.0	47.6	41.9	10.3	5.3	29.5	29.5	38.8	37.1	12.5	17.9	53.3	53.8
December 31	100.0	46.3	41.5	9.4	5.3	31.1	31.1	40.5	36.2	13.2	22.1	52.7	52.9
January 15	100.0	51.9	43.7	12.9	8.6	24.4	24.4	35.3	33.0	11.8	23.3	48.1	46.3
January 31	100.0	53.5	46.7	13.7	8.3	28.0	28.0	31.7	27.0	14.8	27.0	46.5	53.3
February 15	100.0	61.1	43.8	11.7	11.6	18.8	18.8	30.5	30.4	8.4	27.8	38.9	58.2
February 28	100.0	60.2	48.1	11.5	8.8	14.8	14.8	26.3	23.6	13.5	28.3	39.8	51.9
March 15	100.0	58.7	43.5	12.4	5.7	11.0	11.0	23.4	16.7	17.9	35.8	41.5	50.9
March 31	100.0	61.6	53.9	16.6	9.0	4.9	4.9	21.5	13.9	16.9	38.2	38.4	46.1
April 15	100.0	57.2	54.8	11.8	8.4	5.7	5.7	17.5	14.1	25.3	31.1	42.8	45.2
April 30	100.0	60.3	57.0	12.6	6.4	3.4	3.4	16.0	9.8	23.7	35.2	39.7	43.0
May 15	100.0	56.4	56.3	10.6	7.9	3.5	3.5	14.1	11.4	25.5	32.3	39.6	43.7
May 31	100.0	58.0	55.5	9.3	10.0	3.3	3.3	12.6	13.3	29.4	30.2	42.0	43.5
June 15	100.0	53.5	58.2	15.7	8.0	4.4	4.4	19.8	12.1	26.7	21.7	46.5	41.8
June 30	100.0	53.6	56.0	13.2	7.5	4.7	4.7	16.6	12.2	27.8	31.8	46.4	44.0
Average	100.0	51.3	44.3	12.5	7.1	21.5	21.5	34.0	28.6	24.7	37.1	48.7	50.7
FROZEN SCHELDERS BEEF, Chicago Mercantile Exchange													
April 15 ^{1/2}	100.0	100.0	100.0	0	0	0	0	0	0	0	0	0	0
April 30	100.0	55.2	55.2	0	0	44.8	44.8	44.8	44.8	0	0	44.8	44.8
May 15	100.0	41.3	47.1	0	1.4	30.7	30.7	30.7	35.1	0	0	35.1	35.1
May 31	100.0	53.0	53.0	0	11.0	30.0	30.0	30.0	61.0	0	0	61.0	61.0
June 15	100.0	46.5	54.1	19.3	11.7	38.2	38.2	33.3	46.5	0	0	33.3	46.5
June 30	100.0	47.4	57.5	0	4.0	32.6	32.6	28.6	62.5	0	0	28.6	62.5
Average	100.0	52.0	54.4	3.6	6.4	34.2	34.2	47.8	50.6	0	0	47.8	50.6
LIVE HOGS, Chicago Mercantile Exchange													
July 15	100.0	87.7	65.8	8.4	15.0	3.7	3.7	12.3	18.2	0	15.3	15.3	34.0
July 31	100.0	78.6	64.3	15.4	14.4	6.0	6.0	21.4	22.5	0	11.2	11.2	31.7
August 15	100.0	87.1	74.4	14.5	5.0	5.0	5.0	14.5	10.0	8.4	10.6	32.9	20.6
August 31	100.0	73.4	75.3	14.3	16.8	7.5	7.5	21.8	24.3	4.8	4	26.6	24.7
September 15	100.0	66.4	61.0	18.6	5.6	4.0	4.0	27.6	17.6	6.0	5	33.6	18.1
September 30	100.0	61.2	63.6	7.4	6.1	5.8	5.8	24.2	22.2	14.6	6.5	38.8	16.4
October 15	100.0	68.5	74.7	11.0	7.5	4.5	4.5	15.9	10.4	25.6	10.6	31.5	21.0
October 31	100.0	74.4	78.1	7.1	9.2	7.7	7.7	24.7	11.2	34.7	12.8	38.9	24.9
November 15	100.0	71.1	76.0	11.7	8.2	3.0	3.0	24.7	11.5	15.7	10.4	35.1	21.0
November 30	100.0	67.7	74.4	15.6	10.5	1.0	1.0	16.6	11.5	16.2	14.0	30.8	24.5
December 15	100.0	70.6	71.8	13.8	12.3	7	7	14.5	13.0	14.9	15.2	29.4	28.2
December 31	100.0	64.8	66.2	6.0	14.3	1	1	6.1	14.4	2.1	24.4	15.2	43.8
January 15	100.0	75.2	65.4	10.9	15.4	6.1	6.1	17.0	21.5	8.0	21.1	25.0	44.6
January 31	100.0	76.3	58.7	9.2	12.4	7.9	7.9	16.2	14.4	7.5	21.7	23.7	41.1
February 15	100.0	70.8	60.1	13.0	13.0	8.5	8.5	21.5	14.5	7.7	21.4	25.2	32.7
February 28	100.0	74.0	67.4	7.7	13.7	6.0	6.0	13.1	24.3	7.7	33.3	21.0	37.0
March 15	100.0	77.1	71.3	11.6	12.6	3.7	3.7	25.3	16.3	7.4	12.4	22.7	38.7
March 31	100.0	75.8	74.1	8.1	15.7	4.7	4.7	12.9	20.4	7.3	5.5	20.2	25.4
April 15	100.0	74.3	75.7	12.4	12.4	4.1	4.1	16.1	16.5	7.1	4.6	25.2	31.1
April 30	100.0	72.2	77.7	15.6	11.4	4.0	4.0	14.6	15.4	8.1	4.9	27.7	30.3
May 15	100.0	74.1	73.1	11.4	11.4	3.7	3.7	19.6	15.4	7.9	5.2	23.5	21.1
May 31	100.0	80.0	79.1	5.5	12.4	7.3	7.3	16.8	14.7	3.0	4.4	20.0	24.1
June 15	100.0	84.3	80.7	7.4	11.3	5.6	5.6	13.0	16.4	7.7	2.4	19.7	19.3
Average	100.0	74.6	77.3	11.3	11.1	4.7	4.7	16.5	16.8	8.2	10.2	25.4	27.7

COMMITMENTS OF REPORTING TRADERS

Table 23. Long and short commitments of reporting and nonreporting traders, expressed as percentage of total open contracts, principal markets, semi-monthly, July 1969 to June 1970--Continued

Date	Total open contracts	Nonreporting (small) traders' speculative and hedging commitments ^{1/}		Reporting (large) traders' commitments classified by them as speculative or hedging									
				Speculative						Hedging		Total	
				Long or short only		Long and short (spreading) ^{2/}		Total		Long	Short		
Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short		
FROZEN PORK BELLES, Chicago Mercantile Exchange													
July 15	100.0	69.7	59.9	10.9	23.6	17.3	17.3	28.2	30.9	2.1	9.2	30.3	40.1
31	100.0	63.7	69.0	19.2	9.5	14.7	14.7	23.9	24.2	2.4	6.8	36.3	31.0
August 15	100.0	58.6	71.5	20.1	6.1	17.8	17.8	37.9	23.9	3.5	4.6	41.4	28.5
31	100.0	60.6	67.6	14.8	7.6	23.4	23.4	38.2	31.0	1.2	1.4	39.4	32.4
September 15	100.0	60.7	66.8	15.3	6.8	22.9	22.9	38.2	29.7	1.1	3.5	39.3	33.2
30	100.0	60.7	64.9	10.4	9.5	25.0	25.0	35.4	34.5	3.9	.6	39.3	35.1
October 15	100.0	63.9	61.5	8.6	11.8	24.2	24.2	32.8	26.0	3.3	2.5	36.1	38.5
31	100.0	64.9	61.5	9.3	12.4	23.4	23.4	32.7	35.8	2.4	2.7	39.1	38.5
November 15	100.0	63.7	60.1	8.0	11.4	25.7	25.7	33.7	37.1	2.6	2.8	36.3	39.9
30	100.0	60.2	60.8	10.7	8.3	26.9	26.9	37.6	35.2	2.2	4.0	39.6	39.2
December 15	100.0	60.9	54.5	6.3	8.9	32.2	32.2	38.5	41.1	.6	4.4	39.1	45.5
31	100.0	57.9	53.8	5.4	7.8	34.0	34.0	39.4	41.8	2.7	4.4	42.1	46.2
January 15	100.0	62.9	60.0	8.6	7.8	26.7	26.7	35.3	34.5	1.8	5.5	37.1	40.0
31	100.0	62.2	63.2	12.6	10.7	24.0	24.0	34.6	32.7	3.2	4.1	37.8	36.8
February 15	100.0	64.4	64.2	12.8	12.9	20.5	20.5	33.3	33.4	2.3	2.4	35.6	35.6
28	100.0	70.1	67.7	9.9	12.3	16.9	16.9	26.8	29.2	3.1	1.1	29.9	32.3
March 15	100.0	68.0	69.7	12.1	9.6	17.0	17.0	29.1	26.6	2.9	3.7	32.0	30.3
31	100.0	70.3	67.3	10.2	13.7	15.3	15.3	25.5	29.0	4.2	3.7	29.7	32.7
April 15	100.0	70.2	65.8	9.4	13.5	16.8	16.8	26.2	30.3	3.6	3.9	29.8	34.2
30	100.0	72.4	68.3	13.4	13.8	11.9	11.9	25.3	25.7	4.5	6.0	28.6	31.7
May 15	100.0	70.0	64.4	11.0	13.2	14.5	14.5	25.5	27.7	4.5	7.9	30.0	35.6
31	100.0	79.1	59.7	7.3	18.2	9.5	9.5	16.8	27.7	4.1	12.6	20.9	40.3
June 15	100.0	76.5	58.7	7.8	19.6	12.2	12.2	20.0	31.8	3.5	9.5	23.5	41.3
30	100.0	70.8	60.7	14.3	19.1	12.1	12.1	25.4	31.2	2.8	8.1	29.2	39.3
Average	100.0	65.3	62.9	10.8	11.3	21.2	21.2	32.0	32.5	2.7	4.6	34.7	37.1
FROZEN CONCENTRATED ORANGE JUICE, Citrus Associates of the New York Cotton Exchange													
July 15	100.0	61.6	50.3	1.9	14.6	4.8	4.8	6.7	19.4	31.7	30.3	38.4	49.7
31	100.0	66.4	50.3	2.8	17.6	4.2	4.2	7.0	21.8	26.6	27.9	33.6	49.7
August 15	100.0	71.3	53.4	3.9	16.6	4.5	4.5	8.4	21.1	20.3	25.5	28.7	46.6
31	100.0	74.0	50.8	3.8	20.3	3.7	3.7	7.5	24.0	18.5	25.2	26.0	49.2
September 15	100.0	75.3	50.9	3.7	18.5	3.3	3.3	7.0	21.8	17.7	27.3	24.7	49.1
30	100.0	77.7	57.3	1.9	16.5	2.9	2.9	4.8	19.4	17.5	23.3	22.3	42.7
October 15	100.0	79.8	58.4	1.6	7.7	2.8	2.8	4.4	10.5	15.8	31.1	20.2	41.6
31	100.0	78.5	56.7	1.4	8.2	2.5	2.5	3.9	20.7	17.6	32.6	21.5	43.3
November 15	100.0	84.2	51.5	1.8	14.7	1.8	1.8	3.6	16.5	12.2	32.0	15.8	48.5
30	100.0	84.2	51.9	2.9	9.2	1.9	1.9	4.8	11.1	11.0	37.0	15.8	48.1
December 15	100.0	75.7	41.0	2.9	10.5	9.4	9.4	12.3	19.9	8.9	39.1	20.3	59.0
31	100.0	77.2	31.4	4.3	17.5	5.9	5.9	10.2	23.4	12.6	45.2	22.8	68.6
January 15	100.0	66.9	32.8	2.3	10.5	12.5	12.5	14.8	23.0	18.3	44.2	33.1	67.2
31	100.0	67.9	37.7	2.4	22.6	8.0	8.0	10.1	30.6	21.7	31.7	32.1	62.3
February 15	100.0	66.5	24.2	8.6	21.6	11.2	11.2	19.8	32.8	13.7	43.0	33.5	75.8
28	100.0	64.3	19.0	9.9	21.8	12.8	12.8	22.7	34.6	13.0	46.4	35.7	81.0
March 15	100.0	63.0	21.0	9.8	21.7	10.4	10.4	20.7	32.1	16.8	46.9	37.0	79.0
31	100.0	68.0	22.5	8.3	26.8	7.3	7.3	15.4	34.1	16.4	43.4	32.0	77.5
April 15	100.0	66.5	35.9	6.8	27.7	7.5	7.5	14.3	35.2	19.2	38.9	33.5	74.1
30	100.0	69.5	32.0	5.8	29.7	7.0	7.0	12.8	36.7	17.7	31.3	30.5	68.0
May 15	100.0	64.2	30.6	4.3	31.1	6.8	6.8	11.1	37.9	24.7	31.5	35.8	69.4
31	100.0	69.1	42.1	5.5	20.2	8.4	8.4	13.9	28.6	17.0	29.3	30.9	57.9
June 15	100.0	73.9	46.1	1.2	17.2	8.8	8.8	10.0	26.0	16.5	27.9	26.5	53.9
30	100.0	77.9	47.5	1.1	17.4	8.7	8.7	9.8	26.1	12.3	26.4	22.1	52.2
Average	100.0	72.0	42.0	4.0	17.7	6.3	6.3	20.3	24.0	17.7	34.0	28.0	58.0

1/ Derived by subtracting reporting traders' commitments from total open contracts.

2/ Long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

3/ See table 21, for footnote.

4/ Traders not subject to reporting requirements prior to April 15, 1970.

Selected publications available from the Commodity Exchange Authority

Special Commodity Reports

Futures Trading in Fresh Shell Eggs. MSR No. 1. February 1971.
 Trading in Frozen Pork Belly Futures. October 1969.
 Trading in Live Beef Cattle Futures. May 1970.
 Futures Trading in Frozen Concentrated Orange Juice. October 1970.
 The Extent and Price Effects of Floor Trading on the New York Mercantile
 Exchange Potato Futures Market. June 1970.

Requests for a complete list of publications of the CEA or for copies of any of the above reports may be made to any office of the Commodity Exchange Authority.

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Commodity Futures Statistics:

Monthly report on volume of trading, open contracts, and prices for all regulated commodities, issued the 16th of each month.

Annual report covering basic futures trading statistics for all regulated commodities, issued in January (covering the previous fiscal year). Both reports are released from the Washington office.

Commitments of Traders in Commodity Futures Statistics. Monthly reports show aggregate long and short speculative and hedging commitments of large traders and the derived unclassified long and short positions of small traders.

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