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STATISTICAL BULLETIN:

THE WHEAT INDUSTRY



No. 100 January, 1962

COMMONWEALTH BUREAU
of
CENSUS AND STATISTICS

CANBERRA AUSTRALIA

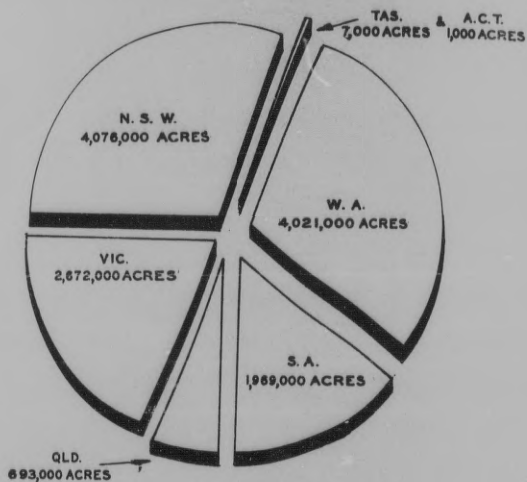


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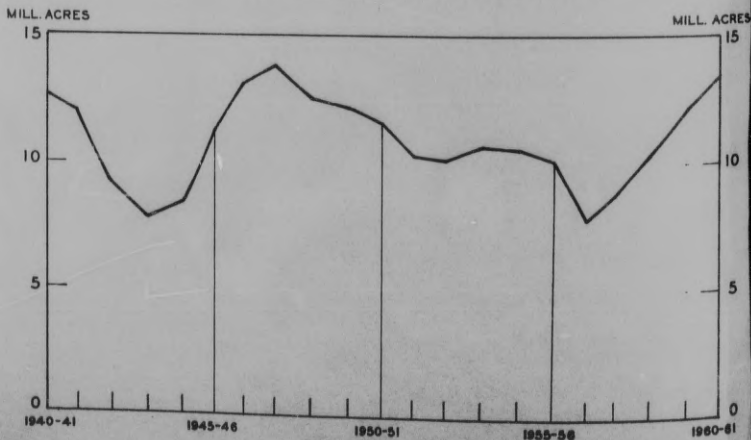
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WHEAT FOR GRAIN: AREA SOWN

STATES: 1960-61: 13,439,000 ACRES



AUSTRALIA: 1940-41 TO 1960-61



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, AUSTRALIA

STATISTICAL BULLETIN : THE WHEAT INDUSTRY, AUSTRALIA

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STATISTICAL BULLETIN : THE WHEAT INDUSTRY, AUSTRALIA

No. 100 : JANUARY, 1962

PREFACE

The previous issue of this Bulletin (No. 99) was published on 15th April, 1961. This is the one hundredth issue in the series and subsequent numbers will appear as circumstances require. In general, this Bulletin is issued twice each season, namely (i) in December or January and (ii) in March or April.

In the compilation of this Bulletin, I have drawn heavily upon statistical and other data supplied by the Deputy Commonwealth Statisticians in each State, the Australian Wheat Board and the Department of Primary Industry. To each of these authorities I tender my thanks for their valuable assistance and co-operation.

K.M. ARCHER
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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA. A.C.T.

16TH JANUARY, 1962

I. WHEAT SOWINGS AND PRODUCTION

1. Wheat for Grain : Area, Production and Yield. -- The area sown to wheat for grain in the 1960-61 season was 13,439,000 acres. With the exception of 1947-48, this is the largest area sown since the 1939-45 War. It is 441,000 acres less than in 1947-48, but 1,267,000 acres more than was sown in 1959-60, the main increases, compared with last season, being in Victoria, South Australia and Western Australia.

Production of wheat in 1960-61 was a record at 273,716,000 bushels. This is 75,215,000 bushels greater than production in 1959-60 and 53,600,000 bushels greater than the previous record of 220,116,000 bushels achieved in 1947-48. Record production levels of 67,587,000 bushels and 63,900,000 bushels were recorded in Victoria and Western Australia respectively, and all States except Queensland and Tasmania showed substantial increases over production in 1959-60. The most notable increase occurred in South Australia, where production in 1960-61 was nearly four times the 1959-60 figure of 11,929,000 bushels.

The yield per acre of 20.4 bushels in 1960-61 is well above the average in recent years and only slightly lower than the record yield per acre of 20.7 recorded in 1958-59. Two States, Victoria and South Australia showed record yields of 25.3 bushels and 23.6 bushels respectively. Queensland and Tasmania, however, recorded below average yields.

Full details are shown below for each of the seasons 1955-56 to 1960-61.

TABLE 1. -- WHEAT FOR GRAIN : AREA, PRODUCTION AND YIELD PER ACRE

Season	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	A.C.T.	Aust.
<u>AREA SOWN TO WHEAT FOR GRAIN ('000 acres)</u>								
1955-56	2,937	2,141	582	1,609	2,890	6	1	10,166
1956-57	1,742	1,565	360	1,438	2,765	4	-	7,874
1957-58	2,257	1,835	461	1,331	2,957	6	1	8,848
1958-59	3,178	1,810	704	1,408	3,292	6	1	10,399
1959-60	3,950	2,261	683	1,549	3,719	8	2	12,172
1960-61	4,076	2,672	693	1,969	4,021	7	1	13,439
<u>PRODUCTION OF WHEAT ('000 bushels)</u>								
1955-56	57,149	41,083	14,922	28,891	53,250	129	19	195,443
1956-57	28,490	35,282	7,061	31,432	32,100	89	1	134,455
1957-58	10,603	32,134	6,657	14,914	33,100	153	5	97,566
1958-59	66,441	42,697	16,097	32,032	57,650	164	40	215,121
1959-60	75,358	38,793	13,522	11,929	58,670	182	47	198,501
1960-61	84,657	67,587	10,999	46,395	63,900	148	30	273,716
<u>YIELD PER ACRE (bushels)</u>								
1955-56	19.5	19.2	25.7	18.0	18.4	20.7	25.5	19.2
1956-57	16.4	22.5	19.6	21.9	11.6	22.7	11.1	17.1
1957-58	4.6	17.5	14.5	11.2	11.2	26.1	8.9	11.0
1958-59	20.9	23.6	22.9	22.8	17.5	25.4	28.1	20.7
1959-60	19.1	17.2	19.8	7.7	15.8	22.0	26.8	16.3
1960-61	20.8	25.3	15.9	23.6	15.9	21.1	30.0	20.4

Official estimates made recently by various authorities in each of the States indicate that in 1961-62, 235 to 240 million bushels of wheat will be harvested from about 14.3 million acres sown for grain.

The area sown for grain is nearly 1 million acres more than in the previous season and is now higher than in 1947-48, the year in which the previous highest post-war acreage occurred.

The expected harvest of 235 to 240 million bushels will be about 35 million bushels below the record achieved in 1960-61, but higher than in any other year.

The yield per acre is expected to be about 16½ bushels or about 4 bushels per acre below 1960-61.

Intentions to Sow Wheat and Actual Sowings. - At the annual census of wheat production collected during April and May, farmers in certain of the wheat-growing States are asked to indicate their intentions to sow wheat for all purposes (grain, hay and green feed) subject to the reservation "weather and other conditions permitting". In the following table, a comparison is given for the years indicated, between farmers' intentions to sow and areas actually sown for grain, hay and green fodder.

TABLE 2. - WHEAT, ALL PURPOSES : AREA SOWN AND INTENDED TO BE SOWN
('000 Acres)

Particulars	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	A.C.T.	Aust.
SEASON 1957-58								
Area sown -								
For Grain	2,257	1,835	461	1,331	2,957	6	1	8,848
For Hay	209	36	19	72	74	2	-	412
For Green Feed	81	-	75	9	20	2	-	187
All Purposes	2,547	1,871	555	1,412	3,051	10	1	9,447
Area intended to be sown (all purposes) (a)	2,611	(b)	(b)	1,501	3,135	7	1	(b)
SEASON 1958-59								
Area Sown -								
For Grain	3,178	1,810	704	1,408	3,292	6	1	10,399
For Hay	102	33	9	50	48	2	-	244
For Green Feed	60	-	40	2	14	1	-	117
All Purposes	3,340	1,843	753	1,460	3,354	9	1	10,760
Area intended to be sown (all purposes) (a)	3,062	(b)	(b)	1,456	3,309	8	2	(b)
SEASON 1959-60								
Area Sown -								
For Grain	3,950	2,261	683	1,549	3,719	8	2	12,172
For Hay	83	42	7	52	53	2	-	239
For Green Feed	76	-	59	4	23	2	-	164
All Purposes	4,109	2,303	749	1,605	3,795	12	2	12,575
Area intended to be sown (all purposes) (a)	4,131	(b)	(b)	1,831	3,789	11	2	(b)
SEASON 1960-61								
Area Sown -								
For Grain	4,076	2,672	693	1,969	4,021	7	1	13,439
For Hay	101	36	16	52	41	2	-	248
For Green Feed	99	-	86	6	15	2	-	208
All Purposes	4,276	2,708	795	2,027	4,077	11	1	13,895
Area intended to be sown (all purposes) (a)	4,260	(b)	(b)	1,926	4,004	13	1	(b)

(a) According to farmers' returns at or about time of sowing.

(b) Not collected.

Varieties of Wheat Sown. - The principal varieties of wheat sown in the 1960-61 season in the five main wheat-growing States of Australia and the proportion which bears to the total area sown are shown in the following table:-

TABLE 3. - WHEAT : PROPORTIONS OF PRINCIPAL VARIETIES SOWN FOR ALL PURPOSES

1960-61 SEASON

New South Wales		Victoria		Queensland	
Variety	Per cent.	Variety	Per cent.	Variety	Per cent.
Glenwari	20.4	Insignia	49.0	Festival	43.2
Bencubbin	10.1	Pinnacle	21.5	Spica	24.7
Gabo	9.0	Olympic	14.2	Lawrence	4.9
Festival	8.6	Sherpa	5.0	Charter	4.1
Koda	4.4	Quadrat	3.5	Gabo	3.2
Sabre	4.4	Insignia 49	3.4	Sea Foam	3.1
Olympic	4.2	Baldmin	0.6	Puora	2.9
Insignia	3.4	Gabo	0.5	Celebration	2.2
Spica	3.3	Beacon	0.5	K41. PF 4473	1.9
Eureka	3.1	Sabre	0.4	K2. P4. 4620	1.8
Javelin & Javelin'48	3.1	Magnet	0.3	Koda	1.7
Kendee	2.8	Bencubbin	0.2	K.G. PF. 4521	1.1
Bordan	2.7	Ghurka	0.2	Puglu	0.8
Celebration	2.1	Prolific	0.1	Sabre	0.5
Ford	2.1	Claymore	0.1	Kenora	0.5
Pinnacle	1.8	All Other (a)	0.5	Puseas	0.3
Koala & Warigo	1.8			Ford	0.3
Winglen	1.5			Puno	0.2
Dural	0.2			Fedweb	0.1
All Other (a)	11.0			All Other (a)	2.5
Totals:	100.0	Totals:	100.0	Totals:	100.0

(a) Includes "Not Stated".

South Australia		Western Australia	
Variety	Per cent.	Variety	Per cent.
Insignia	23.3	Gabo	37.7
Gabo	20.9	Insignia	15.3
Dirk	14.6	Bungulla	11.5
Sabre	12.0	Insignia 49	8.1
Claymore	5.6	Wongoondy	6.7
Wongoonby	3.7	Bencubbin	6.6
Bencubbin	2.9	Kondut	4.1
Scimitar	2.8	Eureka II	2.3
Javelin	2.4	Bencubbin 48	2.2
Pinnacle	2.2	Glucub	0.9
Rapier	1.0	Dirk	0.6
Quadrat	0.9	Koorda	0.5
Yande	0.6	Olympic	0.4
Reldep	0.4	Pinnacle	0.3
Modesty	0.4	Regalia	0.3
Olympic	0.3	Blucub	0.2
Sword	0.3	Noongaar	0.2
Warigo	0.3	Ranee 4H	0.2
Dundee	0.2	Moora	0.2
Festival	0.2	Devon	0.1
All Other (a)	5.0	All Other (a)	1.6
Totals:	100.0	Totals:	100.0

(a) Includes "Not Stated".

II. HOLDINGS GROWING WHEAT

Holdings Growing Wheat : Classification According to Area of Wheat for Grain. - Special tabulations relating to size and type of rural holdings have been prepared for the year 1959-60. These included a classification of holdings according to area size groups of wheat for grain showing the number of holdings in each size group. Summarized details for each State for the year 1959-60 and the Commonwealth for the years 1947-48, 1955-56 and 1959-60 are shown in the following tables. Fuller details, including data by Statistical Divisions, will be published in a special series of publications entitled "Classification of Rural Holdings According to Size and Type of Activity, 1959-60".

TABLE 4. - HOLDINGS CLASSIFIED ACCORDING TO AREA OF
WHEAT FOR GRAIN : NUMBER OF HOLDINGS, STATES, 1959-60

Area under Wheat For Grain (Acres)	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	A.C.T.	Aust.
Under 10	381	500	605	227	167	157	3	2,040
10 - 19	536	579	754	386	169	111	2	2,537
20 - 29	508	532	521	316	142	31	3	2,053
30 - 49	1,048	867	704	695	247	92	4	3,657
50 - 69	1,184	820	569	680	255	13	2	3,523
70 - 99	1,473	1,054	554	809	265	12	9	4,176
100 - 149	2,730	1,776	610	1,472	643	5	3	7,239
150 - 199	1,963	1,288	357	937	511	1	1	5,058
200 - 299	3,141	1,899	560	1,313	1,159	-	1	8,073
300 - 399	1,999	1,005	323	734	1,228	-	-	5,289
400 - 499	1,193	545	146	435	1,074	-	-	3,393
500 - 699	958	515	128	345	1,472	-	-	3,418
700 - 999	381	177	38	131	869	-	-	1,596
1,000 - 1,999	196	68	14	32	521	-	-	831
2,000 & over	24	9	2	5	58	-	-	98
Totals:	17,715	11,634	5,885	8,517	8,780	422	28	52,981
Holdings with no Wheat	59,784	58,144	37,027	20,010	13,052	10,780	196	(a) 198,993
Total All Holdings	77,499	69,778	42,912	28,527	21,832	11,202	224	(a) 251,974

(a) Includes Northern Territory.

TABLE 5. - HOLDINGS CLASSIFIED ACCORDING TO AREA OF WHEAT FOR GRAIN : NUMBER OF
HOLDINGS, AUSTRALIA

Area Under Wheat For Grain (Acres)	1947-48 (a)	1955-56 (b)	1959-60 (c)
Under 10		2,231	2,040
10 - 19	3,722	2,792	2,537
20 - 29		2,094	2,053
30 - 49	4,452	3,631	3,657
50 - 69		3,497	3,523
70 - 99	5,847	3,927	4,176
100 - 149		6,634	7,239
150 - 199	11,338	4,851	5,058
200 - 299		7,639	8,073
300 - 399	9,839	5,127	5,289
400 - 499	7,352	2,859	3,393
500 - 699	4,576	2,692	3,418
700 - 999	4,256	1,146	1,596
1,000 - 1,999	1,864	460	831
2,000 & over	700	49	98
Totals:	54,019	49,629	52,981
Holdings with no Wheat	192,739	203,219	198,993
	246,758	252,848	251,974

5. Wheat Farms : Number growing 20 acres or more of Wheat for Grain. - Particulars of the number of farms growing 20 acres or more of wheat for grain during the years 1956-57 to 1960-61 are shown in the following table:-

TABLE 6. - NUMBER OF FARMS GROWING 20 ACRES OR MORE OF WHEAT FOR GRAIN

State	1956-57	1957-58	1958-59	1959-60	1960-61
New South Wales	10,197	12,111	14,997	16,798	16,959
Victoria	7,674	8,856	9,074	10,555	10,625
Queensland	3,131	3,665	4,791	4,526	4,257
South Australia	7,852	7,515	7,774	7,904	8,913
Western Australia	7,943	7,957	8,060	8,444	8,614
Tasmania	45	95	104	154	121
Australian Capital Territory	4	10	19	23	14
TOTAL:	36,846	40,209	44,819	48,404	49,503

III. WHEAT PRICES

6. Wheat for Home Consumption. - Since 1st December, 1953, there has been no distinction between the basic prices charged by the Australian Wheat Board for wheat for human consumption and for wheat for stock feed in Australia. Prior to that date, differential rates had been charged in some years. Prices per bushel on a bulk basis as charged by the Australian Wheat Board from 1st December, 1953 (for years ended 30th November) have been:- 1953-54 and 1954-55, 14s.1¹/₂d.; 1955-56, 13s.5¹/₂d.; 1956-57, 13s.9¹/₂d.; 1957-58, 14s.4¹/₂d.; 1958-59, 14s.8d.; 1959-60, 15s.; 1960-61, 15s.4¹/₂d.; and 1961-62, 15s.10d. These prices include a loading to meet freight charges on wheat shipped to Tasmania amounting to 1¹/₂d. per bushel for years to 1956-57, 2d. per bushel for years 1957-58 to 1960-61 and 1d. for 1961-62. In 1957-58, there was an additional loading in New South Wales and Queensland to meet the cost of importing wheat from Canada and Western Australia, the prices charged during the greater part of the year in those two States being 18s.4¹/₂d. and 16s.9¹/₂d. per bushel respectively.

Information on prices ruling prior to 1st December, 1953, is contained in previous issues of this Bulletin.

7. Export Wheat. - Details of export wheat prices by months for the years ended July, 1958 to 1961 and the months of August to November, 1961, are shown in Table 7 following. The table has been arranged to conform to the selling year applicable to sales under International Wheat Agreements operating from August, 1949. The prices shown are the basic export selling prices of the Australian Wheat Board. Monthly prices for previous years are shown in earlier issues of this Bulletin.

Since August, 1953, all Australian export wheat has been sold at prices within the range of maximum and minimum prices fixed in the Agreements and consequently there has been no differential between prices for I.W.A. quota wheat (wheat sold within the terms of the International Wheat Agreement) and "free" wheat (wheat sold on the free market outside the terms of the Agreement).

Owing to the fact that in recent years varying proportions of exportable wheat have been sold forward on contracts for delivery some months ahead and because sales have at times been made above or below the basic price depending on conditions of sale, monthly prices recorded in Table 7 do not necessarily represent the prices actually received from wheat currently being shipped.

TABLE 7. - EXPORT WHEAT PRICES (a) : AUSTRALIA

(s. d. per bushel)

Month	1957-58	1958-59	1959-60	1960-61	1961-62
August	14. 2	14. 6 $\frac{1}{2}$	13. 4	13. 6	13.10
September	13.10 $\frac{1}{2}$	14. 5	13. 3	13. 5	13.10 $\frac{1}{2}$
October	14. 3 $\frac{1}{2}$	14. 3	13. 3	13. 5	14. 0 $\frac{1}{2}$
November	14. 5 $\frac{1}{2}$	14. 1	13. 3	13. 5	14. 0 $\frac{1}{2}$
December	14. 7	14. 1	13. 3	13. 5	
January	14. 7 $\frac{1}{2}$	13.11 $\frac{1}{2}$	13. 3	13. 5 $\frac{1}{2}$	
February	14. 8 $\frac{1}{2}$	13. 9 $\frac{1}{2}$	13. 4	13. 6 $\frac{1}{2}$	
March	14.11	13. 5 $\frac{1}{2}$	13. 4	13. 7	
April	14. 6 $\frac{3}{4}$	13. 5	13. 4	13. 7	
May	14. 7 $\frac{1}{2}$	13. 5	13. 4	13. 7	
June	14. 7 $\frac{1}{2}$	13. 4	13. 5	13. 7	
July	14. 6 $\frac{1}{2}$	13. 4	13. 6	13. 9	
Average (b)	14.5.97	13.10.03	13.3.83	13.6.23	

(a) Australian Wheat Board basic selling price for f.a.q. bulk wheat, f.o.b. basis. For some destinations where other exporting countries have a geographical freight advantage, the selling price is below the basic price. (b) Simple average of twelve monthly prices, no attempt having been made to weight them by the quantities sold.

IV. AUSTRALIAN WHEAT BOARD : PAYMENTS AND WHEAT RECEIVED

8. Payments to Farmers and Quantity of Wheat Received. - Details of the advances paid and the quantity of wheat received by the Australian Wheat Board from the harvests of 1958-59 (No. 22 Pool), 1959-60 (No. 23 Pool), 1960-61 (No. 24 Pool) and 1961-62 (No. 25 Pool) are shown in the Tables 8 and 9 following.

Each year the size of the first advance is announced by the Minister for Primary Industry before the commencement of the season. This advance is based on a Commonwealth guarantee through the Commonwealth Bank and after the making of the announcement, is payable by the Australian Wheat Board on receipt of growers' claims. The features of the Stabilization Plan, which give considerable assurance to the receipts of a pool, make a large first advance possible without additional risk to the Commonwealth. Additional payments are made as sufficient funds become available to the Board from sales realizations.

TABLE 8. - WHEAT POOL ADVANCES : AUSTRALIA

AS AT 29TH DECEMBER, 1961

(s.d. per bushel)

Particulars	1958-59 Harvest No. 22 Pool				1959-60 Harvest No. 23 Pool			
	Date	Bulk		Bagged	Date	Bulk		Bagged
		All States Except W.A.	W.A.			All States Except W.A.	W.A.	
		s. d.	s.d.	s.d.		s. d.	s.d.	s.d.
First Advance(a)	(b)	11.0	11.2	11.4	(b)	11. 0	11.2	11.4
Second "	14.6.60	1.0	1.0	1.0	16.5.61	1. 6	1.6	1.9
Third "	20.9.60	1.2	1.2.75	1.5.6	19.7.61	11.36	1.0.07	1.0.04
Total: (c)		13.2	13.4.75	13.9.6		13. 5.36	13.8.07	14.1.04

Particulars	1960-61 Harvest No. 24 Pool				1961-62 Harvest No. 25 Pool			
	Date	Bulk		Bagged	Date	Bulk		Bagged
		All States Except W.A.	W.A.			All States Except W.A.	W.A.	
		s. d.	s.d.	s.d.		s. d.	s.d.	s.d.
First Advance(a)	(d)	11.0	11.2	11.4	(b)	11. 0	11.2	11.4

(a) Individual farmers' rail freight to terminals. (b) Paid on receipt of growers' claims after the announcement of the first advance by the Minister for Primary Industry. (c) Total payments including final payment. (d) Paid in two instalments, all except 2/- being paid on receipt of growers' claims after the announcement of the first advance by the Minister for Primary Industry, the remaining 2/- being paid on 1st April, 1961.

TABLE 9. - NET RECEIVALS OF WHEAT BY THE AUSTRALIAN WHEAT BOARD :**HARVESTS 1958-59 TO 1961-62**

('000 bushels)

Particulars	1958-59	1959-60	1960-61	1961-62
Bulk	163,013	158,386	218,332	(a)
Bagged	36,395	20,953	33,135	(a)
Total:	199,408	179,339	251,467	(b) 217,000

(a) Not yet available. (b) Estimated final receivals.

V. OVERSEA SHIPPING FREIGHT RATES

9. **Charter Rates.** - The greater portion of the wheat exported from Australia is shipped on specially chartered vessels under the Austwheat Charter Party terms and conditions. The relevant charter rates for bulk wheat for shipment to the United Kingdom as at various dates to 11th December, 1961 were as follows:-

TABLE 10. - CHARTER RATES (a) ON BULK WHEAT FOR SHIPMENT TO UNITED KINGDOM

(Source : Australian Wheat Board)

Date	Month/s of Loading	Charter Rates (s.d. stg. per long ton)	Date	Month/s of Loading	Charter Rates (s.d. stg. per long ton)
4. 2.60	May	90/-	20. 1.61	April	95/-
26. 4.60	August	90/-	23. 1.61	Feb/Mar.	95/-
10. 5.60	September	90/-	26. 1.61	May	95/-
10. 6.60	September	85/-	30. 1.61	Feb/Mar.	95/-
27. 6.60	October	82/6	14. 2.61	June	95/-
11. 7.60	October	80/-	24. 2.61	May	92/6
25. 7.60	Aug./Sept.	80/-	26. 4.61	July	82/6
6. 8.60	September	80/-	24. 5.61	September	82/6
17. 8.60	September	80/-	6. 6.61	August	82/6
2. 9.60	Oct/Nov/Dec.	85/-	6. 7.61	September	82/6
19. 9.60	Oct/Nov/Dec.	85/-	4. 8.61	September	82/6
3.10.60	Oct./Nov.	85/-	9. 8.61	November	82/6
17.10.60	Oct/Nov/Dec.	85/-	4. 9.61	November	87/6
27.10.60	December	85/-	29. 9.61	November	87/6
10.11.60	December	85/-	29. 9.61	December	87/6
8.12.60	February	90/-	11.10.61	October	87/6
30.12.60	May	92/6	7.11.61	December	87/6
3. 1.61	Jan/Feb.	95/-	21.11.61	January	87/6
			11.12.61	March	80/-

(a) Eastern State Basis - Shipments from Western Australia customarily 10/- less.

10. **Parcel Rates.** - The next table gives particulars of the overseas freight rates for wheat shipped to the United Kingdom and Continental ports for each quarter of the years 1957 to 1961. These rates are expressed in sterling and are subject to an adjustment of 25% per cent. on account of exchange when freight is prepaid in Australia.

TABLE 11. - OVERSEA SHIPPING FREIGHT (PARCEL) RATES PER TON WEIGHT ON BULK WHEAT, AUSTRALIA TO THE UNITED KINGDOM AND CONTINENTAL PORTS

(Supplied by the Oversea Shipping Representatives Association)

(s.d. stg. per long ton)

Quarter Ended	1957	1958	1959	1960	1961
31st March	165-0	72-6	90-0	90-0	92-6
30th June	125-0	72-6	90-0	85-0	82-6
30th September	90-0	72-6	80-0	85-0	87-6
31st December	90-0	90-0	100-0	90-0	

VI. PRODUCTION AND DISPOSAL OF WHEAT AND FLOUR

11. Production and Disposal of Wheat. - Details of the production and disposal of wheat in each of the cereal years ended 30th November, 1957 to 1961 are given in the following table.

TABLE 12. - PRODUCTION AND DISPOSAL OF WHEAT : AUSTRALIA

(Million Bushels)

Particulars	Year ended 30th November -				
	1957	1958	1959	1960	1961(a)
Opening Stocks (incl. Flour as Wheat)	84.2	41.5	16.5	65.4	60.7
Production	134.5	97.6	215.1	198.5	273.7
Imports	-	1.5	-	-	-
Total Available Supplies	218.7	140.6	231.6	263.9	334.4
Exports - Wheat	69.3	33.6	71.7	98.1	202.0
Flour (b)	36.6	17.5	26.8	26.7	28.9
Breakfast Foods and Other Products (b)	1.6	0.6	0.4	0.6	0.5
Local Consumption -					
Flour (b)	41.2	39.2	40.2	41.3	41.2
Breakfast Foods and Other Products (b)	1.9	1.9	1.9	1.9	1.9
Stock Feed Wheat Sales	19.6	15.0	11.6	14.7	13.2
Seed	9.1	11.1	12.0	13.0	14.0
Retained on Farm (for other than seed use)	5.3	6.1	3.7	6.2	8.2
Closing Stocks (incl. Flour as Wheat)	41.5	16.5	65.4	60.7	24.4
Total Disposals:	226.1	141.5	233.7	263.2	333.3
Excess (+) or Deficiency (-) of Disposals in respect of total available supplies (c)	(+)7.4	(+)0.9	(+)2.1	(-)0.7	(-)0.1

(a) Subject to revision. (b) In terms of wheat. (c) Includes allowance for unrecorded movements in stocks, gain or loss in out-turn, etc.

12. Stocks of Wheat and Flour Held. - Details of the movement in recorded stocks of wheat and flour (as wheat) held in Australia at mills, sidings, ports and depots as at 30th November, for each State for the years 1957 to 1961 are given in the following table.

TABLE 13. - STOCKS OF WHEAT AND FLOUR AS WHEAT

('000 bushels)

(Source : Australian Wheat Board)

30th November -	N.S.W.	Vic.	Q'd.	S.A.	W.A.	Tas.	Aust.
1957	8,982	13,304	203	13,732	5,056	215	41,492
1958	4,420	6,172	116	3,262	2,260	222	16,452
1959	19,934	16,390	987	5,954	21,657	447	65,366
1960 - Wheat	18,926	15,497	316	1,809	20,493	512	57,533
Flour (Short tons)	20,557	24,671	2,915	8,502	10,851	499	67,995
Total as Wheat	19,878	16,639	451	2,203	20,995	535	60,701
1961 - Wheat	7,089	7,858	873	2,757	3,013	428	22,018
Flour (Short tons)	13,213	19,707	1,994	7,883	7,023	522	50,542
Total as Wheat	7,701	8,780	965	3,122	3,338	452	24,358

13. Production of Flour. - The following table shows details of the production of flour in each State for the years 1956-57 to 1960-61.

TABLE 14. - PRODUCTION OF FLOUR (FROM WHEAT) (a)
(Short tons of 2,000 lb.)

Period	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	Aust.
1956-57	621,476	492,956	170,397	164,274	184,717	29,157	1,662,977
1957-58	416,490	485,467	143,613	138,537	163,347	28,739	1,376,193
1958-59	455,709	431,656	151,457	(b)	160,909	(b)	1,367,244
1959-60	564,149	434,444	160,382	146,527	170,839	30,872	1,507,213
1960-61 (c)	573,856	470,142	160,780	154,730	183,120	28,405	1,571,033

(a) White flour, sharps and wheatmeal for baking. (b) Not available for publication.
(c) Flour mills only; subject to revision.

Particulars of the operations of flour mills and other grain mills in each State during 1959-60, together with available details for Australia for the years 1956-57 to 1960-61 are shown in Tables Nos. 15 and 16 following.

TABLE 15. - OPERATIONS OF FLOUR MILLS, 1959-60

Particulars	Unit	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	Aust.
Mills	Number	45	34	12	22	18	4	135
Persons employed (a)	"	1,572	1,292	570	447	396	133	4,410
Wheat milled (b)	'000 bus.	25,808	18,984	7,416	6,848	7,499	1,445	68,000
Output (b) of -								
Flour (c)	'000 short tons	564	434	160	147	171	31	1,507
Bran, Wheaten	" " "	88	75	18	29	33	5	248
Pollard	" " "	126	88	39	31	26	8	318

(a) Average over whole year; includes working proprietors.

(b) Includes operations of other grain mills.

(c) White flour, wheatmeal for baking and sharps.

Note: 1 short ton = 2,000 lb.

TABLE 16. - OPERATIONS OF FLOUR MILLS : AUSTRALIA

Particulars	Unit	1956-57	1957-58	1958-59	1959-60	1960-61 (a)
Mills	Number	143	142	135	135	(b)
Persons employed (c)	"	4,729	4,284	4,301	4,410	(b)
Wheat milled (d)	'000 bus.	75,894	62,300	61,830	68,000	72,129
Output (d) of -						
Flour (e)	'000 short tons	1,663	1,376	1,367	1,507	1,571
Bran, Wheaten	" " "	288	230	228	248	251
Pollard	" " "	360	291	292	318	325

(a) Subject to revision. (b) Not yet available. (c) Average over whole year; includes working proprietors. (d) Except for the year 1960-61 includes operations of other grain mills. (e) White flour, wheatmeal for baking and sharps.

Note: 1 short ton = 2,000 lb.

14. Exports of Wheat and Flour. - The following table furnishes details of the quantity of wheat and flour exported overseas by States for the years ended June, 1957 to 1961.

TABLE 17. - EXPORTS OF WHEAT AND FLOUR

Year ended June	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.	AUSTRALIA
<u>WHEAT</u> ('000 bushels)							
1957	3,384	17,958	2,844	20,123	46,798	-	91,107
1958	23	5,887	-	14,748	18,917	-	39,575
1959	3,976	9,222	3,533	14,373	23,479	-	54,583
1960	27,869	9,524	5,949	11,151	36,678	-	91,171
1961	51,576	24,796	166	23,889	52,431	-	152,858

FLOUR (a)
(Short tons of 2,000 lb.)

1957	272,725	251,795	28,448	86,787	126,900	-	766,655
1958	88,705	220,395	3,470	56,374	111,031	10	479,985
1959	109,115	186,063	10,095	58,862	103,564	-	467,699
1960	205,772	182,068	23,923	59,567	86,770	-	(b) 558,127
1961	225,311	221,145	25,408	72,264	135,050	-	(c) 679,179

- (a) White flour, sharps and wheatmeal for baking.
 (b) Includes 27 short tons in Northern Territory.
 (c) Includes 1 short ton in Northern Territory.

Details of the total production of flour in each State and the proportion exported overseas during the financial years 1956-57 to 1960-61, together with details of the quantity and value of wheat and flour exports for the same years according to the countries of consignment are shown in Tables Nos. 18, 19 and 20 following.

TABLE 18. - QUANTITY OF FLOUR PRODUCED AND PROPORTION EXPORTED

Year ended June	Unit	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	Australia
1957								
Produced	Short tons	621,476	492,956	170,397	164,274	184,717	29,157	1,662,977
Exported	%	43.9	51.1	16.7	52.8	68.7	-	46.1
1958								
Produced	Short tons	416,490	485,467	143,613	138,537	163,347	28,739	1,376,193
Exported	%	21.3	45.4	2.4	40.7	68.0	-	34.9
1959								
Produced	Short tons	455,709	431,656	151,457	(a)	160,909	(a)	1,367,244
Exported	%	23.9	43.1	6.7	(a)	64.4	-	34.2
1960								
Produced	Short tons	564,149	434,444	160,382	146,527	170,839	30,872	1,507,213
Exported	%	36.5	41.9	14.9	40.7	50.8	-	37.0
1961								
Produced	Short tons	573,856	470,142	160,780	154,730	183,120	28,405	1,571,033
Exported	%	39.3	47.0	15.8	46.7	73.7	-	43.2

- (a) Not available for publication.
 (b) Flour mills only - subject to revision.
 Note: 1 short ton = 2,000 lb.

TABLE 19. - EXPORTS OF WHEAT ACCORDING TO COUNTRY OF CONSIGNMENT : AUSTRALIA

Country to which Exported	Quantity ('000 bushels)					Value (£A f.o.b. Port of Shipment)				
	1956-57	1957-58	1958-59	1959-60	1960-61	1956-57	1957-58	1958-59	1959-60	1960-61
United Kingdom	26,699	9,792	21,208	20,967	27,386	16,766,969	6,980,380	14,708,440	13,919,159	18,471,519
Cyprus	353	-	-	-	-	227,666	-	-	-	-
Hong Kong	1,724	1,714	2,183	2,386	2,436	1,138,965	1,179,266	1,515,558	1,597,031	1,641,871
India	23,274	434	1,317	11,695	4,906	15,366,507	310,678	901,834	7,704,566	3,358,175
Ireland, Republic of	324	647	3,588	848	2,730	201,450	471,070	2,510,725	555,387	1,864,228
Malaya, Federation of	489	646	672	719	593	366,651	490,048	513,231	528,250	450,831
Malta	377	742	-	852	416	247,189	551,892	-	580,247	287,484
New Zealand	10,915	9,680	8,223	7,896	6,102	7,221,479	6,922,155	5,799,471	5,215,437	4,076,548
Pakistan	6,195	4,720	713	3,872	3,870	4,548,040	3,437,609	511,662	2,652,671	2,668,761
Rhodesia and Nyassaland, Fed. of	2,226	2,859	2,075	3,311	2,596	1,559,219	2,148,973	1,438,866	2,346,893	1,939,270
Other Commonwealth Countries	235	235	2,720	2,901	978	179,663	183,801	2,055,356	2,150,958	755,350
China, Republic of (Mainland)	-	71	320	1	40,261	-	52,280	233,484	789	25,412,954
Czechoslovakia	672	-	-	-	-	449,781	-	-	-	-
France	1,478	-	-	-	-	966,842	-	-	-	-
Germany, Federal Republic of	7,950	-	1,752	4,227	4,422	4,974,510	-	1,204,230	2,750,428	2,976,981
Iran	1,015	422	218	4,463	1,850	760,602	318,163	163,803	3,195,837	1,335,592
Iraq	2,573	91	1,057	8,801	9,844	1,967,446	68,942	792,023	6,365,571	7,111,481
Italy	-	-	-	-	16,635	-	-	-	-	11,229,999
Japan	3,427	6,761	7,561	13,897	13,098	2,271,063	4,812,977	5,301,168	9,125,984	8,689,116
Lebanon	-	-	-	956	1,462	-	-	-	636,937	1,009,485
Netherlands	-	-	-	-	472	-	-	-	-	316,436
Portuguese Possession - Mozambique	774	330	37	255	395	532,275	225,561	22,692	176,169	301,881
United Arab Republic	-	-	-	321	2,704	-	-	-	220,914	1,898,865
Other Foreign Countries	407	431	939	2,803	9,702	312,179	339,620	708,859	1,957,241	6,629,110
TOTAL:	91,107	39,575	54,583	91,171	152,858	60,058,496	28,493,415	38,381,402	61,680,469	102,425,937

TABLE 20. - EXPORTS OF FLOUR (a) ACCORDING TO COUNTRY OF CONSIGNMENT : AUSTRALIA

Country to which Exported	Quantity (Tons 2,000 lb.)					Value (£A f.o.b. Port of Shipment)				
	1956-57	1957-58	1958-59	1959-60	1960-61	1956-57	1957-58	1958-59	1959-60	1960-61
United Kingdom	80,735	43,156	45,837	46,430	56,136	2,230,066	1,279,598	1,324,130	1,239,795	1,459,467
Aden	22,729	30,601	34,867	25,773	32,874	638,984	657,862	987,947	711,952	910,394
Ceylon	181,137	51,612	61,382	142,354	117,590	4,776,986	1,489,383	1,804,904	3,893,006	3,234,799
Hong Kong	9,081	4,921	4,812	5,644	5,539	263,283	155,279	149,393	169,309	163,588
India	8	464	88	117	78	273	13,318	2,984	3,438	2,284
Malaya, Federation of	71,963	70,299	92,427	112,564	107,319	2,266,904	2,318,723	2,728,736	3,110,492	3,103,391
Mauritius	27,660	17,410	20,362	17,686	23,738	782,951	539,462	634,275	496,451	680,172
Pacific Islands (British)	28,628	30,576	29,674	35,013	33,290	915,283	1,044,188	953,368	1,037,530	1,024,012
Singapore	47,243	37,591	40,735	36,664	41,810	1,456,104	1,241,036	1,252,850	1,077,056	1,232,442
Other Commonwealth Countries	41,743	28,223	33,555	37,130	34,966	1,223,858	1,196,661	987,493	1,126,208	1,081,784
Arabian States	31,611	21,135	30,162	32,765	50,325	825,075	579,633	855,355	922,090	1,437,752
Burma	24,689	15,085	7,956	7,887	6,359	757,512	476,511	254,490	232,555	184,293
China, Republic of (Mainland)	225	492	55	90	49,266	6,692	9,270	1,716	1,808	1,412,395
French Dependencies	10,758	4,133	1,079	247	365	325,126	134,106	35,746	11,199	13,711
Indonesia	115,660	62,897	37,856	32,925	93,617	3,603,472	1,980,466	1,186,248	1,024,422	2,911,937
Portuguese Possession - Mozambique	488	641	200	268	2,055	13,941	19,492	6,322	8,180	71,988
Sudan	28,762	11,258	-	-	-	786,824	330,449	-	-	-
Thailand	17,674	16,731	15,551	14,646	14,483	548,030	547,760	493,162	441,345	439,407
Other Foreign Countries	25,861	32,760	11,101	9,924	9,369	812,171	1,045,936	342,154	304,244	272,911
TOTAL:	766,655	479,985	467,699	558,127	679,179	22,233,535	15,059,133	14,001,273	15,811,080	19,636,727

(a) White flour, sharps and wheatmeal for baking.

VII. IMPORTS OF WHEAT AND FLOUR INTO THE UNITED KINGDOM

15. Imports, 1960. - During 1960, total imports of wheat and flour into the United Kingdom, expressed in terms of wheat, amounted to 172.4 million bushels, which represented a decrease of 6.7 million bushels (3.7 per cent.) on the figure recorded in the previous year.

Details of imports of wheat, flour and the total in terms of wheat, into the United Kingdom according to country of origin for the years 1956 to 1960 were shown in the previous issue of this Bulletin No. 99.

VIII. MARKETING OF WHEAT : AUSTRALIA

16. Wartime Marketing. - Details of the wartime marketing of wheat were given in previous issues of this Bulletin. This has since been superseded by the Stabilization Plans, referred to in 17, 18 and 19 following.

17. Wheat Stabilization Plan, 1947-48 to 1952-53. - Full details of the first post-war Wheat Stabilization Plan, which was established under joint Commonwealth and State Legislation and which ended with the marketing of the 1952-53 crop, were given in Bulletin No. 84 and previous issues.

18. Wheat Industry Stabilization Plan, 1953-54 to 1957-58. - Full details of this, the second post-war Wheat Stabilization Plan, which continued the main features of the first plan under renewed Commonwealth and State Legislation, were given in Bulletin No. 93 and previous issues.

19. Wheat Industry Stabilization Plan, 1958-59 to 1962-63. - Following negotiations during 1958, the third post-war Wheat Industry Stabilization Plan was enacted by the Commonwealth and the States towards the end of that year. Details of this Plan, which follows the lines of the two earlier ones, are as follows:-

- (i) Period of the Plan. The plan will operate for five years. It will commence with the 1958-59 wheat crop and will end with the marketing of the 1962-63 crop.
- (ii) Commonwealth Guarantee. The Commonwealth will guarantee a return of 14/6d. per bushel to growers on up to 100 million bushels of wheat exported from the crop in the first year of the plan. The guaranteed return of 14/6d. is based on the findings of a survey of the economic structure of the wheat industry conducted by the Bureau of Agricultural Economics. It will be adjusted in each of the following years of the plan on up to 100 million bushels in accordance with the movements in costs based on a cost index established from the survey. The first two five-years' Wheat Stabilization Plans each guaranteed a similar quantity of 100 million bushels exported.
- (iii) Australian Wheat Board. The Australian Wheat Board will be maintained as the sole constituted authority for the marketing of wheat within Australia and for the marketing of wheat and flour for export from Australia for the period of the plan.
- (iv) Stabilization Fund:
 - (a) Export Tax. A tax will be collected on wheat exported which will be equivalent to the excess of the returns from export sales over the guaranteed return. However, the maximum rate of export tax will be 1/6d. per bushel.
 - (b) Size of Fund. The ceiling of the Stabilization Fund is established at £20 million; any excess beyond this figure will be returned to growers on the "first-in-first-out" principle.
 - (c) Balance remaining in previous Wheat Stabilization Fund. The balance remaining in the Fund at the termination of the previous plan will be carried forward to this plan as the nucleus of a new stabilization fund.
 - (d) Use of the Stabilization Fund. When the average export realizations fall below the guaranteed return, the deficiency will be made up, first by drawing upon the stabilization fund, in respect of up to 100 million bushels of wheat from each crop. When the fund is exhausted, the Commonwealth will meet its obligations under the guarantee.

(v) Home Consumption Prices. The home consumption base price for 1958-59, the first year of the plan, has been established as 14/6d. per bushel, bulk basis, f.o.r. ports plus 2d. per bushel loading to cover the cost of transporting wheat to Tasmania as outlined in Section (f). There is provision in the plan for annual adjustments in the following years in accordance with the guaranteed price as outlined in (iv) (b).

(vi) Freight on Wheat to Tasmania. Provision is made for a loading on the price of all wheat sold for consumption in Australia to the extent necessary to cover the cost of transporting wheat from the mainland to Tasmania in each season of the plan.

(vii) Premium on Western Australian Wheat. A premium will be paid from export realizations on wheat grown in Western Australia and exported from that State in recognition of the natural freight advantage enjoyed by Western Australia owing to its proximity to the principal overseas markets for wheat. The premium will be three pence per bushel.

By agreement between the parties concerned, the Australian Wheat Growers' Federation, the States and the Commonwealth, a poll of growers as to acceptance of the Plan was not considered necessary. The earlier plans had been approved by polls of growers.

20. Stabilization Fund. - After the last Pool (No. 21 for the 1957-58 crop) of the second post-war Wheat Stabilization Plan was wound up, there was a balance of over £10m. remaining in the Stabilization Fund. This amount was carried forward as the nucleus of the Fund for the current Plan. Since then, there has been a withdrawal from the Fund in respect of the 1958-59 harvest amounting to £6,532,000 (7.88d. per bushel). The balance of the Fund with accrued interest together amounting to £5,002,000, was withdrawn to raise export realizations from the 1959-60 harvest. In addition, an amount of £3,022,000 was contributed by the Commonwealth Government in accordance with the guarantee.

21. Guaranteed Return to Growers. - In accordance with the Wheat Industry Stabilization Plan (see 19 (11) above), the guaranteed return to growers for the 1961-62 crop will be 15s. 9d. per bushel. This represents an increase of 7d. a bushel over the guaranteed price for wheat for the 1960-61 season.

22. F.A.Q. Standard of Wheat. - Details of the F.A.Q. weights of a bushel of wheat in each of the four main wheat producing States for the seasons 1955-56 to 1960-61 were shown in the previous issue of this Bulletin, No. 99.

IX. WORLD WHEAT STATISTICS

23. General. - Details of the production, domestic utilization, and exportable surpluses of the four chief wheat-exporting countries, namely, the United States of America, Canada, Argentina and Australia, compiled from statistics published by the Dominion Bureau of Statistics, Ottawa, the United States Department of Agriculture, the Food and Agricultural Organization of the United Nations and from other official sources are given in the following table for the years 1956-57 to 1961-62.

TABLE 21. - WHEAT SUPPLIES AND DISPOSITION IN FOUR CHIEF EXPORTING COUNTRIES

(Million Bushels)								Class
(Source: "The Wheat Review" - Canada)								Stocks
Year	Supplies			Domestic Use (incl. Food, Seed, Feed, etc.)	Surplus over Domestic Utilization	Net Exports	Closing Stocks	
	Opening Stocks	Crops	Total					
UNITED STATES OF AMERICA (JULY TO JUNE)								
1956-57	1,034	1,004	2,038	581	1,457	548	909	
1957-58	909	951	1,860	584	1,276	395	881	
1958-59	881	1,462	2,343	613	1,730	435	1,295	
1959-60	1,295	1,127	2,422	606	1,816	502	1,314	
1960-61 (a)	1,314	1,350	2,664	600	2,064	653	1,411	
1961-62 (b)	1,411	1,211	2,622	594	2,028	(c)	(c)	

CANADA (AUGUST TO JULY)

1956-57	580	573	1,153	155	998	264	734
1957-58	734	386	1,120	159	961	321	640
1958-59	640	372	1,012	168	844	295	549
1959-60	549	414	963	148	815	277	538
1960-61 (a)	538	490	1,028	151	877	354	523
1961-62 (b)	523	262	785	150	635	(c)	(c)

ARGENTINA (DECEMBER TO NOVEMBER)

1956-57	43	261	304	150	154	95	59
1957-58	59	214	273	145	128	72	56
1958-59	56	247	303	147	156	97	59
1959-60 (a)	59	214	273	126	147	88	59
1960-61 (b)	59	145	204	140	64	(c)	(c)

AUSTRALIA (DECEMBER TO NOVEMBER)

1956-57	84	135	219	77	(d) 149	107	42
1957-58	42	98	140	72	(d) 67	50	17
1958-59	17	215	232	69	(d) 164	99	65
1959-60	65	199	264	77	(d) 187	126	61
1960-61 (a)	61	274	335	78	(d) 255	231	24

(a) Subject to revision. (b) Estimated. (c) Not yet available. (d) Includes allowance for unrecorded movements in stocks, gain or loss in out-turn, etc.

Table 22 below sets out details of the estimated world production of wheat by regions for 1957 to 1961 together with the percentage increase or decrease of production in each region in 1961 as compared with 1960. The years shown refer to years of harvest in the Northern Hemisphere and in the Southern Hemisphere to the harvest which succeeds that of the Northern Hemisphere.

TABLE 22. - WHEAT, ESTIMATED WORLD PRODUCTION BY REGIONS

(Source : Foreign Agricultural Service of U.S. Department of Agriculture)

Region	1957	1958	1959	1960	1961 (a)	Percentage increase (+) or decrease (-) 1961 on 1960
	Million Bushels	Million Bushels	Million Bushels	Million Bushels	Million Bushels	
North America	1,388	1,883	1,592	1,887	1,519	- 19.5
Europe (b)	1,950	1,860	2,065	1,915	1,820	- 5.0
Asia (b)	1,910	1,910	1,900	1,960	1,880	- 4.1
Africa	185	195	195	210	155	- 26.2
South America	320	330	290	235	290	+ 23.4
Oceania	101	222	207	281	240	- 14.6
World Total (c):	7,660	8,700	8,150	8,190	7,950	- 2.9

(a) Preliminary estimates including latest estimate for Australia.
 (b) Excludes Soviet Union, details for which are included in the World Total only.
 (c) Includes estimates for the Soviet Union.

24. International Wheat Agreement. - Full details of the three International Wheat Agreements covering the years 1949-53, 1953-56 and 1956-59 have been given in previous issues of this Bulletin. Details of quotas for the principal exporting and importing countries participating in those Agreements together with transactions recorded under the Agreements for the years up to 1958-59 have also been shown in previous issues of this Bulletin. Transactions recorded in 1960-61, the second year of the new Agreement are shown in Table 23 below.

A new International Wheat Agreement came into force on 1st August, 1959, covering a further period of three years from that date to 31st July, 1962. The 1959 Agreement, with some important variations, continues the arrangements covered by the earlier Agreements. The text of the new Agreement was negotiated at an international conference convened by the United Nations. The new Agreement was subject to ratification by sufficient number of wheat exporting and importing countries by 1st December, 1959.

The Agreement seeks to obtain an element of stability in world wheat marketing by providing that a significant proportion of wheat entering international trade will be bought and sold at prices within a prescribed range. The agreed price range is expressed in terms of Canadian currency per bushel for No. 1 Manitoba Northern Wheat in bulk in store Fort William/Port Arthur, the maximum being 190 cents and the minimum 150 cents. This represents a reduction in the maximum price of 10 cents but no change in the minimum. The equivalent maximum for f.a.q. Australian wheat f.o.b. is about 17s. per bushel and the minimum about 13s. 6d. per bushel, the latter varying according to changes in relative transport costs in moving Australian and Canadian wheat to the United Kingdom.

Under the new Agreement the member importing countries undertook to buy each year from the member exporting countries a stated percentage of their total commercial import requirements instead of a fixed quota as under previous agreements. The United Kingdom, which participated in the 1949 Agreement, but not in the two following, rejoined. About 500 million bushels were covered by the Agreement in each of the first two years compared with about 300 million under the previous Agreement.

The International Wheat Council is empowered to make an annual review of the world wheat situation, including the international implications of national policies in respect of wheat production, stocks and marketing, and the disposal of wheat surpluses on non-commercial terms.

The new Agreement does not retain the provision in the third Agreement by which individual exporting countries had separate guaranteed quantities that they could call upon the member importing countries to buy at the minimum price.

There is provision for a right of appeal against excessive discounts at the minimum price on the basis of differences in quality between the basic wheat (Canada's No. 1 Manitoba Northern Wheat) and the wheat supplied by the other member exporting countries.

TABLE 23. - INTERNATIONAL WHEAT AGREEMENT, SALES AND PURCHASES RECORDED FOR 1960-61 (a)

(Million Bushels)

(Source: "The Wheat Review" - Canada)

Country	Sales Recorded	Country	Purchases Recorded
Canada	228.0	United Kingdom	143.5
U.S.A.	128.7	Japan	101.4
Australia	88.6	Germany	66.2
Argentina	45.0	Brazil	22.8
France	23.9	Netherlands	21.3
Sweden	5.6	U.K. Territories	19.4
Italy	0.1	Belgium	15.3
		Philippines	13.2
		Remaining importing countries	116.8
TOTAL:	519.9	TOTAL:	519.9

(a) Wheat and Wheat Flour in terms of wheat.

WHEAT FOR GRAIN: PRODUCTION AND YIELD PER ACRE, AUSTRALIA

1940-41 TO 1960-61

