

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, AUSTRALIA

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TRACTOR STATISTICS

THREE MONTHS ENDED 31ST DECEMBER, 1959

INTRODUCTION

The tables shown in this statement have been derived from the quarterly collection of tractor statistics conducted jointly by the Department of Primary Industry and the Commonwealth Bureau of Census and Statistics. The information was collected from businesses which distribute the various makes of tractors in each State. Statistics are shown in this Bulletin for the three months ended 31st December, 1959, together with comparisons for previous periods.

For purposes of these surveys a tractor is defined as a prime mover mounted on steel or pneumatic tyred wheels, tracks or half tracks, which is -

- (i) designed to draw agricultural implements or earth-moving equipment by means of a drawbar; and/or
- (ii) fitted with hydraulically controlled, power controlled or mechanically operated linkage to which agricultural or earth-moving equipment can be attached.

The horsepower classification shown in the tables herein is based on the observed maximum horsepower in all cases where official tests have been made (the results of the tests of the Australian Tractor Testing Committee are used wherever available). In cases where test results are not available, classification is based on the maximum horsepower as specified by the manufacturer pending an official test.

Tractors of less than 10 maximum horsepower (e.g., small garden tractors), road graders and fork-lift trucks are excluded from the figures shown.

SECTION 1 : SUMMARY

TABLE 1 : NUMBER OF TRACTORS

RECEIPTS AND SALES DURING PERIOD AND STOCKS AT END OF PERIOD

CLASSIFIED ACCORDING TO TYPE OF TRACTOR : AUSTRALIA

Period	RECEIPTS (a)			SALES			STOCKS		
	Wheel	Crawler	Total	Wheel	Crawler	Total	Wheel	Crawler	Total
Year Ended -									
30th June, 1956	15,762	1,807	17,569	16,504	1,978	18,482	5,628	928	6,556
" " 1957	15,348	1,758	17,106	16,948	1,895	18,843	4,028	791	4,819
" " 1958	16,594	2,075	20,669	16,015	1,733	17,748	6,607	1,133	7,740
" " 1959	15,781	1,015	16,796	17,036	1,387	18,423	5,352	761	6,113
Quarter Ended -									
1957 - September	5,783	565	6,348	4,559	443	5,002	5,252	913	6,165
December	5,348	600	5,948	3,949	435	4,384	6,651	1,078	7,729
1958 - March	3,730	518	4,248	3,684	402	4,086	6,697	1,194	7,891
June	3,733	392	4,125	3,823	453	4,276	6,607	1,133	7,740
September	5,173	305	5,478	3,610	354	3,964	8,170	1,084	9,254
December	4,026	277	4,303	4,149	286	4,435	8,047	1,075	9,122
1959 - March	3,022	236	3,258	4,219	321	4,540	6,850	990	7,840
June	3,560	197	3,757	5,058	426	5,484	5,352	761	6,113
September	4,686	331	5,017	4,021	367	4,388	6,017	725	6,742
December	4,281	465	4,746	4,569	380	4,949	5,729	810	6,539

(a) During some quarters, small numbers of tractors were exported and these have been deducted from receipts.

SECTION 2 : RECEIPTS

TABLE 2 : NUMBERS OF TRACTORS : RECEIPTS OF IMPORTED AND AUSTRALIAN MADE TRACTORS, CLASSIFIED ACCORDING TO COUNTRY OF ORIGIN : AUSTRALIA

Country of Origin	Year ended -		Quarter ended -			
	30th June, 1958	30th June, 1959	30th Sept., 1958	31st Dec., 1958	30th Sept., 1959	31st Dec., 1959
United States of America and Canada -						
Wheel Tractors	566	1,107	84	133		111
Crawler Tractors	1,447		191	191	370	224
United Kingdom -						
Wheel Tractors	16,262	12,412	4,715	3,344	3,784	3,360
Crawler Tractors		205		59		140
Other - Wheel and Crawler (a)	2,354	3,072	488	576	863	911
TOTAL:	20,669	16,796	5,478	4,303	5,017	4,746

(a) Includes Australian made Tractors.

TABLE 3 : NUMBERS OF TRACTORS : RECEIPTS OF IMPORTED AND AUSTRALIAN MADE TRACTORS, CLASSIFIED ACCORDING TO TYPE OF TRACTOR AND HORSEPOWER : AUSTRALIA

Horsepower	Year ended -		Quarter ended -					
	30th June, 1958	30th June, 1959	30th Sept., 1958	31st Dec., 1958	31st March, 1959	30th June, 1959	30th Sept., 1959	31st Dec., 1959
WHEEL TRACTORS								
Maximum Belt Horsepower -								
10 H.P. - 20 H.P.								
Over 20 H.P. - 30 H.P.	18,594	15,781	3,630	3,826	2,736	3,431	4,483	2,167
" 30 H.P. - 40 H.P.								
" 40 H.P. - 55 H.P.			1,543					1,930
" 55 H.P.				200	286	129	203	184
TOTAL:	18,594	15,781	5,173	4,026	3,022	3,560	4,686	4,281
CRAWLER TRACTORS								
Maximum Drawbar Horsepower -								
10 H.P. and under 45 H.P.	875	243	109	66	52	16	92	106
45 H.P. " 61 H.P.		313	72	69	80	92	123	139
61 H.P. " 85 H.P.	1,128	177		39			50	
85 H.P. " 121 H.P.			90	52	104	89	50	220
121 H.P. and over	72	282	34	51			16	
TOTAL:	2,075	1,015	305	277	236	197	331	465

TABLE 4 : NUMBER OF TRACTORS : RECEIPTS (a) OF IMPORTED AND AUSTRALIAN MADE TRACTORS CLASSIFIED ACCORDING TO TYPE OF TRACTOR AND HORSEPOWER : STATES THREE MONTHS ENDED 31ST DECEMBER, 1959

Horsepower	N.S.W. (b)	Vic.	Qld.	S.A. (c)	W.A.	Tas.	Aust.
WHEEL TRACTORS							
Maximum Belt Horsepower -							
10 H.P. - 20 H.P.							
Over 20 H.P. - 30 H.P.	607	682	455	184	141	98	2,167
" 30 H.P. - 40 H.P.							
" 40 H.P. - 55 H.P.	433	603	402	203	274	15	1,930
" 55 H.P.	50	21	43		60		184
TOTAL:	1,100	1,306	900	387	475	113	4,281
CRAWLER TRACTORS							
Maximum Drawbar Horsepower -							
10 H.P. and under 45 H.P.	24	23	44	8	42	8	106
45 H.P. " 61 H.P.				11		13	139
61 H.P. " 85 H.P.	71	34	25				
85 H.P. " 121 H.P.							
121 H.P. and over	72	26	12	10	13	22	220
TOTAL:	167	83	88	29	55	43	465

(a) Excludes receipts of stock transferred from other States. (b) Includes Australian Capital Territory. (c) Includes Northern Territory.

SECTION 3 : SALES

TABLE 5 : NUMBERS OF TRACTORS : SALES OF IMPORTED AND AUSTRALIAN MADE TRACTORS CLASSIFIED ACCORDING TO COUNTRY OF ORIGIN : AUSTRALIA

Country of Origin	Year ended -		Quarter ended -			
	30th June, 1958	30th June, 1959	30th Sept., 1958	31st Dec., 1958	30th Sept., 1959	31st Dec., 1959
United States of America and Canada -						
Wheel Tractors	550	533	91	122	60	126
Crawler Tractors	1,237	1,017	271	203	264	239
United Kingdom -						
Wheel Tractors	13,436	13,810	3,145	3,406	3,379	3,612
Crawler Tractors				66	685	92
Other - Wheel and Crawler (a)	2,525	3,063	457	628		880
TOTAL:	17,748	18,423	3,964	4,435	4,388	4,949

(a) Includes Australian made tractors.

TABLE 6 : NUMBERS OF TRACTORS : SALES CLASSIFIED ACCORDING TO TYPE OF TRACTOR AND HORSEPOWER : AUSTRALIA

Horsepower	Year ended -		Quarter ended -					
	30th June, 1958	30th June, 1959	30th Sept., 1958	31st Dec., 1958	31st March, 1959	30th June, 1959	30th Sept., 1959	31st Dec., 1959
WHEEL TRACTORS								
Maximum Belt Horsepower -								
10 H.P. - 20 H.P.	15,486	16,221	29	17	3,885	4,824	2,317	38
Over 20 H.P. - 30 H.P.			2,653	3,066				2,305
" 30 H.P. - 40 H.P.			843	904				1,997
" 40 H.P. - 55 H.P.			85	162				229
" 55 H.P.	529	815			334	234	76	
TOTAL:	16,015	17,036	3,610	4,149	4,219	5,058	4,021	4,569
CRAWLER TRACTORS								
Maximum Drawbar Horsepower -								
10 H.P. and under 45 H.P.	689	454	136	84	105	129	118	116
45 H.P. " " 61 H.P.	942	225	106	85	108	118	107	118
" 61 H.P. " " 85 H.P.			57	51	37	80	58	62
" 85 H.P. " " 121 H.P.			35	49	42	55	56	53
121 H.P. and over			20	17	29	44	28	31
TOTAL:	1,733	1,387	354	286	321	426	367	380

TABLE 7 : NUMBERS OF TRACTORS : SALES CLASSIFIED ACCORDING TO TYPE OF TRACTOR AND HORSEPOWER : STATES : THREE MONTHS ENDED 31ST DECEMBER, 1959

Horsepower	N.S.W. (a)	Vic.	Qld.	S.A. (b)	W.A.	Tas.	Aust.
WHEEL TRACTORS							
Maximum Belt Horsepower -							
10 H.P. - 20 H.P.	8	844	441	44	148	143	38
Over 20 H.P. - 30 H.P.	601						2,305
" 30 H.P. - 40 H.P.	631						1,997
" 40 H.P. - 55 H.P.	62						229
" 55 H.P.		21	61	12	72	-	
TOTAL:	1,302	1,361	891	279	540	196	4,569
CRAWLER TRACTORS							
Maximum Drawbar Horsepower -							
10 H.P. and under 45 H.P.	26	20	35	13	12	10	116
45 H.P. " " 61 H.P.	47	23	13	12	16	7	118
61 H.P. " " 85 H.P.	23		(c)				62
85 H.P. " " 121 H.P.	37	20	11	6	15	13	53
121 H.P. and over			(c)				31
TOTAL:	133	63	80	31	43	30	380

(a) Includes Australian Capital Territory.

(b) Includes Northern Territory.

(c) Not available for publication.

**TABLE 8 : NUMBERS OF TRACTORS : SALES CLASSIFIED ACCORDING TO TYPE
OF TRACTOR, END USE AND HORSEPOWER : AUSTRALIA**

Horsepower	Numbers of Tractors Sold for -									
	Agricultural Purposes					Non-Agricultural Purposes				
	Year ended -		Quarter ended -			Year ended -		Quarter ended -		
	30th June, 1958	30th June, 1959	31st Dec., 1958	30th Sept., 1959	31st Dec., 1959	30th June, 1958	30th June, 1959	31st Dec., 1958	30th Sept., 1959	31st Dec., 1959
WHEEL TRACTORS										
Maximum Belt Horsepower -										
10 - 20	()	()	17	()	38	-	-	-	-	-
Over 20-30	14,240	15,786	2,238	2,223	1,246	1,250	282	79	82	
" 30-40			3,850	1,342	1,714			286	283	
" 40-55				62	209			14	20	
" 55	488					41				
TOTAL:	14,728	15,786	3,867	3,642	4,184	1,287	1,250	282	379	285
CRAWLER TRACTORS										
Maximum Drawbar Horsepower-										
10 under 45	825	315	54	78	63	358	139	30	40	53
45 " 61		145	27	28	34		272	58	79	84
61 " 85	88	48				156	177			
85 " 121		34	27	35	30		147	90	107	116
121 and over	85	14				221	96			
TOTAL:	998	556	108	141	127	735	831	178	226	253

**TABLE 9 : NUMBERS OF TRACTORS : SALES CLASSIFIED ACCORDING TO TYPE
OF TRACTOR AND END USE : STATES : THREE MONTHS ENDED 31ST DECEMBER, 1959**

End Use	N.S.W. (a)	Vic.	Q'ld.	S.A. (b)	W.A.	Tas.	Australia
WHEEL TRACTORS							
Agricultural	1,160	1,211	891	255	540	196	4,184
Non-Agricultural	142	150		24			385
TOTAL:	1,302	1,361	891	279	540	196	4,569
CRAWLER TRACTORS							
Agricultural	33	10	80	7	43	30	127
Non-Agricultural	100	53		24			253
TOTAL:	133	63	80	31	43	30	380

(a) Includes Australian Capital Territory.

(b) Includes Northern Territory.

TABLE 10 : NUMBERS OF TRACTORS : SALES IN EACH STATISTICAL
DIVISION CLASSIFIED ACCORDING TO END USE

Note: - Statistical Divisions are sub-divisions of each State, identical with those used in State statistical publications. The area covered by each Statistical Division is shown in the maps contained in the publication "Census of the Commonwealth of Australia, 30th June, 1954, Part 1". Separate copies of the maps for each State may be obtained on application to the Commonwealth Statistician, Canberra.

Statistical Division	Numbers of Tractors sold for -									
	Agricultural Purposes					Non-Agricultural Purposes				
	Year ended -		Quarter ended -			Year ended -		Quarter ended -		
	30th June, 1954	30th June, 1955	31st Dec., 1954	30th Sept., 1955	31st Dec., 1955	30th June, 1954	30th June, 1955	31st Dec., 1954	30th Sept., 1955	31st Dec., 1955
<u>NEW SOUTH WALES</u>										
1. Cumberland - Metropolitan Area	159	(b)	(b)	51	(b)	342	491	131	135	140
2. Balance of Cumberland	65	72	13	(b)	26	7	19	(b)	5	17
3. North Coast	380	451	122	96	138	20	20	(b)	12	12
4. Hunter and Manning	447	542	141	124	114	31	59	12	20	42
5. South Coast	165	(b)	59	62	67	31	31	(b)	7	(b)
6. Northern Tableland	184	165	32	66	36	14	(b)	5	(b)	8
7. Central Tableland	344	408	96	85	115	23	17	(b)	3	5
8. Southern Tableland(a)	171	135	21	45	49	50	51	10	13	7
9. North Western Slope	243	333	69	68	99	(b)	7	(b)	(b)	(b)
10. Central Western Slope	244	439	92	63	118	14	11	6	(b)	-
11. South Western Slope	368	491	137	101	140	17	7	(b)	4	(b)
12. North Central Plain	134	231	47	33	67	(b)	7	(b)	(b)	(b)
13. Central Plain	(b)	141	26	21	35	6	(b)	(b)	(b)	-
14. Riverina	474	480	(b)	124	112	18	8	(b)	4	(b)
15. Western	(b)	(b)	(b)	(b)	(b)	14	5	(b)	-	(b)
TOTAL:	3,684	4,370	1,020	988	1,193	607	742	169	218	242
<u>VICTORIA</u>										
1. Metropolitan	329	344	124	119	97	468	491	109	179	165
2. Gippsland	643	523	172	154	221	(b)	36	13	(b)	17
3. North Eastern	356	252	70	95	103	(b)	51	(b)	4	(b)
4. Central	559	551	169	123	220	27	10	10	10	10
5. North Central	162	144	38	29	44	9	8	(b)	(b)	(b)
6. Northern	759	766	224	170	203	20	11	8	(b)	21
7. Western	819	563	167	158	175	29	17	(b)	(b)	(b)
8. Wimmera	240	277	70	37	54	14	5	(b)	(b)	(b)
9. Mallee	475	510	103	107	104	(b)	8	(b)	(b)	(b)
TOTAL:	4,342	3,930	1,137	992	1,221	622	627	147	218	203
<u>QUEENSLAND</u>										
1. Metropolitan	(b)	75	16	(b)	36	141	133	23	21	27
2. Moreton	470	549	116	134	166	22	18	(b)	(b)	7
3. Maryborough	573	741	203	193	155	(b)	19	11	5	(b)
4. Downs	535	771	182	132	237	(b)	17	(b)	(b)	(b)
5. Roma	119	(b)	(b)	24	24	6	7	(b)	(b)	-
6. South Western	124	94	(b)	(b)	9	15	(b)	(b)	(b)	-
7. Rockhampton	143	257	69	65	76	9	(b)	(b)	(b)	(b)
8. Central Western	(b)	69	16	21	19	16	9	(b)	(b)	(b)
9. Far Western	17	(b)	(b)	(b)	(b)	-	-	(b)	(b)	-
10. Mackay	628	355	71	95	34	22	(b)	(b)	(b)	10
11. Townsville	295	215	49	44	60	16	13	9	(b)	(b)
12. Cairns	652	602	92	143	88	19	(b)	(b)	(b)	(b)
13. Peninsula	-	(b)	(b)	(b)	(b)	-	(b)	(b)	(b)	-
14. North Western	(b)	31	(b)	6	10	12	10	(b)	(b)	(b)
TOTAL:	3,894	3,759	847	885	914	329	254	49	51	57

For footnotes see end of table.

6.

**TABLE 10 : NUMBERS OF TRACTORS : SALES IN EACH STATISTICAL DIVISION
CLASSIFIED ACCORDING TO END USE (CONTINUED)**

Statistical Division	Numbers of Tractors sold for -									
	Agricultural Purposes					Non-Agricultural Purposes				
	Year ended -	Quarter ended -	Quarter ended -	Quarter ended -	Quarter ended -	Year ended -	Quarter ended -	Quarter ended -	Quarter ended -	Quarter ended -
	30th June, 1958	30th June, 1959	31st Dec., 1958	30th Sept., 1959	31st Dec., 1959	30th June, 1958	30th June, 1959	31st Dec., 1958	30th Sept., 1959	31st Dec., 1959
	1958	1959	1958	1959	1959	1958	1959	1958	1959	1959
SOUTH AUSTRALIA										
1. Metropolitan	(b)	550	32	49	55	155	116	(b)	(b)	24
2. Central	354		73	93	78	29		(b)	8	7
3. Lower North	154	266	76	32	14	(b)	14	(b)	(b)	3
4. Upper North	28	31	(b)	13	7	(b)	9	-	-	
5. South Eastern	233	203	63	51	46	9			4	7
6. Western	140	363	77	(b)	17	11	(b)	(b)		
7. Murray Mallee	285	416	135	72	62	7	14		6	7
8. Remainder of State(c)	(b)	(b)	(b)	5	5	2	5	(b)		
TOTAL:	1,431	(b)	(b)	(b)	262	243	(b)	(b)	(b)	48

WESTERN AUSTRALIA

1. Metropolitan	112	44	(b)	(b)	46	108	111	26	30	49
2. Swan		47	(b)	30	(b)			-	(b)	(b)
3. South West	333	318	76	95	123	25	11	5		6
4. Southern Agricultural	282	282	55	52	106	31	4	-		
5. Central Agricultural	547	586	65	90	138	9	6	(b)	17	7
6. Northern Agricultural	284	319	45	57	85	(b)	(b)	-		
7. Eastern Goldfields		(b)	15	16	(b)	5	(b)			
8. Central		-	(b)	-	-	(b)	-	-	-	-
9. North West	50	55	(b)	-	(b)	(b)	(b)	-	-	(b)
10. Pilbara		-	-	-	-	(b)	-	-	(b)	(b)
11. Kimberley		(b)	(b)	-	-	(b)	(b)	-	(b)	(b)
TOTAL:	1,610	1,653	272	369	517	162	151	38	52	66

TASMANIA

1. Hobart and Suburbs	(b)	40	(b)	6	14	16	23	(b)		4
2. Launceston and Suburbs	46	24	(b)	(b)		6	6	(b)	9	(b)
3. North Western	267	224	56	65	76	20	23	(b)		9
4. North Eastern	(b)	95	27	39	30	(b)	11	(b)		(b)
5. North Midland	64	72	(b)	32	33	(b)	4	(b)	-	-
6. Midland	58	40		34	8	-	(b)	-	(b)	-
7. South Eastern	32	33	101	13	13	(b)	(b)	(b)	(b)	(b)
8. Southern	143	(b)		39	30	(b)	(b)	(b)	-	-
9. Western	(b)	(b)		(b)		(b)	(b)	(b)	-	-
TOTAL:	765	(b)	(b)	(b)	204	59	(b)	(b)	(b)	22

AUSTRALIA

TOTAL:	15,726	16,421	3,975	3,783	4,311	2,022	2,081	460	605	638
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(a) Includes Australian Capital Territory. (b) Not available for publication.
(c) Includes Northern Territory.

SECTION 4 : STOCKS

**TABLE 11 : NUMBERS OF TRACTORS, STOCKS (a) OF IMPORTED AND AUSTRALIAN MADE
TRACTORS CLASSIFIED ACCORDING TO COUNTRY OF ORIGIN : AUSTRALIA**

Country of Origin	As at -					
	30th Sept., 1958	31st Dec., 1958	31st March, 1959	30th June, 1959	30th Sept., 1959	31st Dec., 1959
	1958	1958	1959	1959	1959	1959
United States of America and Canada -						
Wheel Tractors	407	418	332	774	354	339
Crawler Tractors	673	661	606		416	401
United Kingdom - Wheel and Crawler Tractors	1,131	7,062	6,012	4,368	4,777	4,573
Other - Wheel and Crawler Tractors (b)	1,613	931	810	7,021	1,195	1,226
TOTAL:	3,254	9,122	7,440	6,113	6,742	6,539

(a) Includes stocks with dealers or in transit to dealers. (b) Includes Australian

TABLE 12 : NUMBERS OF TRACTORS : STOCKS (a) CLASSIFIED ACCORDING
TO TYPE OF TRACTOR AND HORSEPOWER : AUSTRALIA

Horsepower	As at -					
	30th Sept., 1958	31st Dec., 1958	31st March, 1959	30th June, 1959	30th Sept., 1959	31st Dec., 1959
<u>WHEEL TRACTORS</u>						
Maximum Belt Horsepower -						
10 H.P. and not exceeding 20 H.P.	182				1,858	1,788
Over 20 H.P. and not exceeding 30 H.P.	5,921	7,676	6,527	5,129	1,491	1,385
" 30 H.P. " " 40 H.P.	1,734				2,318	2,251
" 40 H.P. " " 55 H.P.	333	371	323	223	350	305
<u>TOTAL:</u>	8,170	8,047	6,850	5,352	6,017	5,729

CRAWLER TRACTORS

Maximum Drawbar Horsepower -						
10 H.P. and under 45 H.P.	487	469	416	303	277	267
45 H.P. " " 61 H.P.	294	278	250	224	240	261
61 H.P. " " 85 H.P.	239	230	324	234	208	85
85 H.P. " " 121 H.P.	64	98				78
121 H.P. and over						119
<u>TOTAL:</u>	1,084	1,075	990	761	725	810

(a) Includes stocks with dealers or in transit to dealers.

TABLE 13 : NUMBERS OF TRACTORS : STOCKS (a), CLASSIFIED ACCORDING TO
TYPE OF TRACTOR AND HORSEPOWER : STATES : AS AT 31ST DECEMBER, 1959

Horsepower	N.S.W. (b)	Vic.	Q'ld.	S.A. (c)	W.A.	Tas.	Aust.
<u>WHEEL TRACTORS</u>							
Maximum Belt Horsepower -							
10 H.P. and not exceeding 20 H.P.	387	854	506	348	244	74	1,788
Over 20 H.P. and not exceeding 30 H.P.	333		427				1,385
" 30 H.P. " " 40 H.P.	469	689	470	361	241	21	2,251
" 40 H.P. " " 55 H.P.	108	63	37	24	69	4	305
<u>TOTAL:</u>	1,297	1,606	1,440	733	554	99	5,729

CRAWLER TRACTORS

Maximum Drawbar Horsepower -							
10 H.P. and under 45 H.P.	65	36	118	25	85	31	267
45 H.P. " " 61 H.P.				22		29	261
61 H.P. " " 85 H.P.	101	50				13	85
85 H.P. " " 121 H.P.	19	21	25	24	22	10	78
121 H.P. and over	70	23	16				119
<u>TOTAL:</u>	255	130	159	71	107	88	810

(a) Includes stocks with dealers or in transit to dealers. (b) Includes Australian Capital Territory. (c) Includes Northern Territory.

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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T.

8TH APRIL, 1960