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STATISTICAL BULLETIN : TRACTORS ON RURAL HOLDINGS CLASSIFIED ACCORDING TO HORSEPOWER, FUEL USED AND AGE OF TRACTOR, 31ST MARCH, 1954.

This Bulletin is supplementary to that issued on 25th February, 1955, in which preliminary details of total numbers of tractors on rural holdings at 31st March, 1954 were released. It contains a detailed classification of these tractors according to horsepower (maximum belt horsepower in the case of wheeled tractors and maximum drawbar horsepower in the case of crawler or track type tractors), fuel used and age. Revisions made to the preliminary totals previously published have been incorporated in the tables.

This is the first detailed classification to be made of tractors on rural holdings in Australia, the necessary data being collected from farmers on a substantially uniform basis by States other than Tasmania at 31st March, 1954 and by Tasmania at 31st March, 1953. Out of a total of 170,237 tractors included there were only 672 (0.4 per cent) for which full details were not available.

A brief summary of some of the principal features of the detailed classification is set out below whilst full details appear in the tables on the following pages.

Horsepower: Of the total of 155,200 wheeled tractors in Australia, 114,764 (73.9 per cent) were classified as over 20 and up to 40 maximum belt horsepower, 26,652 (17.2 per cent) were over 40 and 13,242 (8.5 per cent) were small tractors of up to 20 horsepower. For crawler or track types 8,431 (56.1 per cent of the total of 15,037) were classified as 10 and under 35 maximum drawbar horsepower and 5,382 (35.8 per cent) as 35 and under 70.

Type of Fuel Used: Kerosene is the principal fuel used for wheeled tractors, 108,570 (70.0 per cent) being powered by it, while 23,294 (15.0 per cent) and 22,789 (14.7 per cent) were powered by petrol and diesel or crude oil respectively. Crawler tractors were principally of the diesel or crude oil types, 7,988 (53.1 per cent) of these being recorded compared with 5,830 (30.8 per cent) kerosene and 1,089 (7.2 per cent) petrol driven types.

Age of Tractors: The rapid increase in the numbers of tractors on rural holdings in recent years is reflected in the age classification which shows that 83,986 (52.3 per cent) were less than five years old and 123,289 (75.4 per cent) were less than ten years old. Crawler tractors were on the average, older than wheeled tractors, the comparative details being for tractors less than five years old, wheeled 52.9 per cent, crawler 46.2 per cent; less than ten years old, wheeled 76.7 per cent, crawler 61.4 per cent; less than fifteen years old, wheeled 85.5 per cent, crawler 74.5 per cent.

2.  
TRACTORS ON RURAL HOLDINGS CLASSIFIED ACCORDING TO HORSEPOWER  
AND TYPE OF FUEL USED, 31ST MARCH, 1934.

Type and Horsepower	Type of Fuel Used			Total Tractors
	Kerosene	Petrol	Diesel or Crudo Oil	
<u>N. S. SOUTH WALES</u>				
wheeled (Maximum Bolt Horsepower)				
Up to 10	13	25	7	45
Over 10 and up to 20	2,204	138	27	2,369
Over 20 and up to 30	7,855	7,191	373	15,419
Over 30 and up to 40	13,135	219	1,622	14,976
Over 40	4,749	36	3,601	8,386
Total Wheel Type Tractors	27,956	7,609	5,630	41,195
Crawler or Track (Maximum Drawbar Horsepower)				
Under 10	2	243	1	246
10 and under 35	992	90	673	1,755
35 and under 50	145	16	846	1,008
50 and under 70	16	3	137	156
70 and over	-	1	55	56
Total Crawler or Track Type Tractors	1,156	353	1,712	3,221
Total Tractors on Rural Holdings	29,112	7,962	7,342	44,416
<u>VICTORIA</u>				
wheeled (Maximum Bolt Horsepower)				
Up to 10	20	138	40	198
Over 10 and up to 20	2,554	227	50	2,831
Over 20 and up to 40	22,242	8,332	2,062	32,636
Over 40	2,674	9	3,441	6,124
Unclassified	-	-	-	164
Total Wheel Type Tractors	27,490	8,706	5,593	41,933
Crawler or Track (Maximum Drawbar Horsepower)				
Up to 10	3	72	1	77
Over 10 and up to 35	377	42	166	585
Over 35 and up to 70	62	3	386	451
Over 70	4	8	48	60
Unclassified	-	-	-	41
Total Crawler or Track Type Tractors	446	126	601	1,214
Total Tractors on Rural Holdings	27,936	8,832	6,194	43,167
<u>QUEENSLAND</u>				
wheeled (Maximum Bolt Horsepower)				
Under 10	18	171	8	197
10 and under 20	4,870	69	20	4,959
20 and under 40	19,850	2,930	1,154	23,934
40 and over	1,449	12	1,984	3,445
Total Wheel Type Tractors	26,187	3,162	3,166	32,535
Crawler or Track (Maximum Drawbar Horsepower)				
Under 10	17	136	1	154
10 and under 35	1,680	105	893	2,678
35 and under 50	179	10	1,442	1,631
50 and under 70				
70 and over	-	-	84	84
Total Crawler or Track Type Tractors	1,876	251	2,420	4,547
Total Tractors on Rural Holdings	28,063	3,433	5,586	37,082

3.  
TRACTORS ON RURAL HOLDINGS CLASSIFIED ACCORDING TO HORSEPOWER  
AND TYPE OF FUEL USED, 31ST MARCH, 1954 (Cont'd)

Type and Horsepower	Type of Fuel Used			Total Tractors
	Kerosene	Petrol	Diesel or Crude Oil	
<u>SOUTH AUSTRALIA</u>				
<u>Wheeled (Maximum Bolt Horsepower)</u>				
Up to 10	19	38	21	78
Over 10 and up to 20	1,114	128	17	1,259
Over 20 and up to 40	10,202	1,147	1,579	12,928
Over 40	1,432	4	2,149	3,585
Unclassified	-	-	-	378
Total Wheel Type Tractors	12,767	1,317	3,766	18,228
<u>Crawler or Track (Maximum Drawbar Horsepower)</u>				
Up to 10	24	146	3	173
Over 10 and up to 35	990	37	407	1,434
Over 35 and up to 70	95	-	680	775
Over 70	-	-	43	43
Unclassified	-	-	-	89
Total Crawler or Track Type Tractors	1,109	183	1,133	2,514
Total Tractors on Rural Holdings	13,876	1,500	4,899	20,742
<u>WESTERN AUSTRALIA</u>				
<u>Wheeled (Maximum Bolt Horse Power)</u>				
Up to 10	17	26	21	64
Over 10 and up to 20	790	38	16	844
Over 20 and up to 40	8,731	1,036	1,130	(a)10,901
Over 40	1,673	2	3,092	(a) 4,768
Total Wheel Type Tractors	11,211	1,102	4,259	(a)16,571
<u>Crawler or Track (Maximum Drawbar Horsepower)</u>				
Under 10	4	40	-	44
10 and under 35	1,010	24	743	1,777
35 and under 70	93	2	1,104	1,199
Over 70	2	12	59	73
Total Crawler or Track Type Tractors	1,109	78	1,906	3,093
Total Tractors on Rural Holdings	12,320	1,180	6,165	(a)19,670
<u>TASMANIA (b)</u>				
<u>Wheeled (Maximum Bolt Horsepower)</u>				
Up to 10	-	-	-	-
Over 10 and up to 20	352	18	7	377
Over 20 and up to 30	1,390	1,292	32	2,714
Over 30 and up to 40	1,007	16	113	1,136
Over 40	112	4	206	322
Total Wheel Type Tractors	2,861	1,330	358	4,549
<u>Crawler or Track (Maximum Drawbar Horsepower)</u>				
Under 10	-	67	-	67
10 and under 35	107	26	67	200
35 and under 50	24	3	96	123
50 and under 70	-	-	34	34
70 and under 95	-	-	16	16
95 and over	-	-	1	1
Total Crawler or Track Type Tractors	131	96	214	441
Total Tractors on Rural Holdings	2,992	1,426	572	4,990

4.  
TRACTORS OF RURAL HOLDINGS CLASSIFIED ACCORDING TO HORSEPOWER  
AND TYPE OF FUEL USED, 31st MARCH, 1954 (Cont'd)

Type and Horsepower	Type of Fuel Used			Total Tractors
	Kerosene	Petrol	Diesel or Crude Oil	
<u>AUSTRALIAN CAPITAL TERRITORY</u>				
Wheeled (Maximum Belt Horsepower)				
Up to 10	-	7	-	7
Over 10 and up to 20	14	-	-	14
Over 20 and up to 30	33	39	4	76
Over 30 and up to 40	39	2	3	44
Over 40	12	-	10	22
Total Wheel Type Tractors	98	48	17	163
Crawler or Track (Maximum Drawbar Horsepower)				
Under 10	-	-	-	-
10 and under 35	1	1	-	2
35 and under 50	1	1	2	4
50 and under 70	1	-	-	1
70 and over	-	-	-	-
Total Crawler or Track Type Tractors	3	2	2	7
Total Tractors on Rural Holdings	101	50	19	170

AUSTRALIA (b)

Wheeled (c) (Maximum Belt Horsepower)				
Up to 10	87	405	97	589
Over 10 and up to 20	11,898	618	137	12,653
Over 20 and up to 40	84,484	22,204	8,072	(a) 114,764
Over 40	12,101	67	14,483	(a) 26,652
Unclassified	-	-	-	542
Total Wheel Type Tractors	108,570	23,294	22,789	(a) 155,200
Crawler or Track (d) (Maximum Drawbar Horsepower)				
Under 10	50	705	6	761
10 and under 35	5,177	325	2,949	8,431
35 and under 70	617	38	4,727	5,382
70 and over	6	21	306	333
Unclassified	-	-	-	130
Total Crawler or Track Type Tractors	5,830	1,089	7,988	15,037
Total Tractors on Rural Holdings	114,400	24,383	30,777	(a) 170,237

- (a) Includes producer gas - wheeled, over 20 and up to 40 maximum belt horsepower; over 40, 1. Total 5.
- (b) Particulars for Tasmania relate to 31st March, 1953; data not collected at 31st March, 1954.
- (c) Classification according to horsepower differs slightly for Queensland viz - under 10, 10 and under 20, 20 and under 40, 40 and over.
- (d) Classification according to horsepower differs slightly for Victoria and South Australia, viz. - up to 10, over 10 and up to 35, over 35 and up to 70, over 70.

5.  
TRACTORS ON RURAL HOLDINGS CLASSIFIED ACCORDING TO HORSEPOWER  
AND AGE IN YEARS, 31ST MARCH, 1954.

Type and Horsepower	Age of Tractors - Years				Total Tractors
	0-4	5-9	10-14	15 & over	
<u>NEW SOUTH WALES</u>					
Wheeled (Maximum Belt Horsepower)					
Up to 10					
Over 10 and up to 20	26	15	3	1	45
Over 20 and up to 30	671	732	402	564	2,369
Over 30 and up to 40	9,174	2,802	1,277	2,166	15,419
Over 40	6,948	4,887	1,214	1,927	14,976
	4,408	1,532	759	1,687	8,386
Total Wheel Type Tractors	21,227	9,968	3,655	6,345	41,195
Crawler or Track (Maximum Drawbar Horsepower)					
Under 10					
10 and under 35	227	16	3	-	246
35 and under 50	704	333	239	479	1,755
50 and under 70	613	159	127	109	1,008
70 and over	74	46	20	16	156
	24	23	14	5	56
Total Crawler or Track Type Tractors	1,642	567	403	609	3,221
Total Tractors on Rural Holdings	22,869	10,535	4,058	6,954	44,416

VICTORIA

Wheeled (Maximum Belt Horsepower)					
Up to 10					
Over 10 and up to 20	140	41	7	10	198
Over 20 and up to 40	707	655	460	1,001	2,831
Over 40	19,248	7,489	2,214	3,685	32,636
Unclassified	3,391	965	420	1,148	6,124
	-	-	-	-	164
Total Wheel Type Tractors	23,666	9,150	3,109	5,844	41,953
Crawler or Track (Maximum Drawbar Horsepower)					
Up to 10					
Over 10 and up to 35	72	3	-	2	77
Over 35 and up to 70	214	104	92	175	585
Over 70	247	101	52	51	451
Unclassified	17	16	24	3	60
	-	-	-	-	41
Total Crawler or Track Type Tractors	550	224	168	231	1,214
Total Tractors on Rural Holdings	24,216	9,374	3,277	6,075	43,167

QUEENSLAND

Wheeled (Maximum Belt Horsepower)					
Under 10					
10 and under 20	97	75	18	7	197
20 and under 40	1,176	1,129	1,136	1,516	4,959
40 and over	12,264	6,362	2,590	2,718	23,934
	2,175	666	247	357	3,445
Total Wheel Type Tractors	15,714	8,232	3,991	4,598	32,535
Crawler or Track (Maximum Drawbar Horsepower)					
Under 10					
10 and under 35	141	12	1	-	154
35 and under 50	843	379	516	940	2,678
50 and under 70	990	310	176	155	1,631
70 and over	43	18	19	-	80
Total Crawler or Track Type Tractors	2,017	719	712	1,095	4,547
Total Tractors on Rural Holdings	17,731	8,951	4,703	5,693	37,082

6.

TRACTORS ON RURAL HOLDINGS CLASSIFIED ACCORDING TO HORSEPOWER  
AND AGE IN YEARS, 31ST MARCH, 1954 (Cont'd)

Type and Horsepower	Age of Tractors - Years				Total Tractors
	0-4	5-9	10-14	15 & over	
<b>SOUTH AUSTRALIA</b>					
Wheeled (Maximum Bolt Horsepower)					
Up to 10	43	23	5	7	78
Over 10 and up to 20	390	459	166	244	1,259
Over 20 and up to 40	6,885	3,333	95	1,765	12,928
Over 40	2,272	660	279	374	3,585
Unclassified	-	-	-	-	378
Total Wheel Type Tractors	9,590	4,475	1,395	2,390	18,228
Crawler or Track (Maximum Drawbar Horsepower)					
Up to 10	138	11	5	19	173
Over 10 and up to 35	329	139	184	782	1,444
Over 35 and up to 70	433	102	94	146	775
Over 70	33	5	5	-	43
Unclassified	-	-	-	-	89
Total Crawler or Track Type Tractors	933	257	288	947	2,511
Total Tractors on Rural Holdings	10,523	4,732	1,683	3,337	20,722

<b>WESTERN AUSTRALIA</b>					
Wheeled (Maximum Bolt Horsepower)					
Up to 10	43	16	3	2	64
Over 10 and up to 20	218	241	97	288	844
Over 20 and up to 40	5,078	3,150	818	1,855	10,901
Over 40	3,226	714	250	318	4,768
Total Wheel Type Tractors	8,765	4,151	1,168	2,493	16,577
Crawler or Track (Maximum Drawbar Horsepower)					
Under 10	41	2	-	1	44
10 and under 35	651	243	252	631	1,777
35 and under 70	760	195	103	141	1,199
Over 70	33	13	23	4	73
Total Crawler or Track Type Tractors	1,485	453	378	777	3,093
Total Tractors on Rural Holdings	10,250	4,604	1,546	3,270	19,670

<b>TASMANIA (a)</b>					
Wheeled (Maximum Bolt Horsepower)					
Up to 10	-	-	-	-	-
Over 10 and up to 20	139	124	62	52	377
Over 20 and up to 30	1,808	597	165	174	2,744
Over 30 and up to 40	800	229	69	30	1,136
Over 40	216	66	23	17	322
Total Wheel Type Tractors	2,963	1,016	319	251	4,549
Crawler or Track (Maximum Drawbar Horsepower)					
Under 10	67	-	-	-	67
10 and under 35	127	25	30	18	200
35 and under 50	88	23	11	1	123
50 and under 70	26	7	1	-	34
70 and under 95	14	2	-	-	16
95 and over	1	-	-	-	1
Total Crawler or Track Type Tractors	323	57	42	19	441
Total Tractors on Rural Holdings	3,286	1,073	361	270	4,990

7.

TRACTORS ON RURAL HOLDINGS CLASSIFIED ACCORDING TO HORSEPOWER  
AND AGE IN YEARS, 31ST MARCH, 1954 (Cont'd).

Type and Horsepower	Age of Tractors - Years				Total Tractors
	0-4	5-9	10-14	15 & over	
<u>AUSTRALIAN CAPITAL TERRITORY</u>					
Wheeled (Maximum Bolt Horsepower)					
Up to 10	5	1	1	-	7
Over 10 and up to 20	3	3	4	4	14
Over 20 and up to 30	55	8	6	7	76
Over 30 and up to 40	18	13	5	8	44
Over 40	8	7	2	5	22
Total Wheel Type Tractors	89	32	18	24	163
Crawler or Track (Maximum Drawbar Horsepower)					
Under 10	-	-	-	-	-
10 and under 35	1	-	-	1	2
35 and under 50	1	2	-	1	4
50 and under 70	-	-	-	1	1
70 and over	-	-	-	-	-
Total Crawler or Track Type Tractors	2	2	-	3	7
Total Tractors on Rural Holdings	91	34	18	27	170

AUSTRALIA (a)

Wheeled (b) (Maximum Bolt Horsepower)					
Up to 10	354	171	37	27	589
Over 10 and up to 20	3,306	3,343	2,335	3,669	12,653
Over 20 and up to 30	62,278	28,870	9,303	14,313	114,764
Over 30 and up to 40					
Over 40	16,096	4,640	1,980	3,936	26,652
Unclassified	-	-	-	-	542
Total Wheel Type Tractors	82,034	37,024	13,655	21,945	153,200
Crawler or Track (c) (Maximum Drawbar Horsepower)					
Under 10	686	44	9	22	761
10 and under 35	2,869	1,223	1,313	3,026	8,431
35 and under 50	3,232	945	584	621	5,382
50 and under 70					
70 and over	165	67	85	16	333
Unclassified	-	-	-	-	130
Total Crawler or Track Type Tractors	6,952	2,279	1,991	3,635	15,037
Total Tractors on Rural Holdings	88,986	39,303	15,646	25,630	170,237

- (a) Particulars for Tasmania relate to 31st March, 1953; data not collected at 31st March, 1954. In addition the age classification for that State differs slightly from others, viz - 1-5, 6-10, 11-15, over 15 years.
- (b) Classification according to horsepower differs slightly for Queensland viz - under 10, 10 and under 20, 20 and under 40, 40 and over.
- (c) Classification according to horsepower differs slightly for Victoria and South Australia, viz - up to 10, over 10 and up to 35, over 35 and up to 70, over 70.