



SALES AND STOCKS OF NEW TRACTORS, AUSTRALIA SEPTEMBER QUARTER 1983

- PHONE INQUIRIES** *for more information about these statistics*—contact Sue Gumprich on Canberra (062) 52 5558 or any of our State offices.
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EXPLANATORY NOTES

Introduction

The tables in this publication have been derived from the quarterly collection of tractor statistics from businesses which distribute the various makes of new tractors throughout Australia.

Definitions

2. A tractor is defined as a prime mover mounted on either wheels or tracks which has been designed for general use and which may be fitted with a variety of agricultural, earthmoving or materials-handling attachments. The following units are excluded from the statistics: (a) forklift trucks, (b) two-wheeled tractors, (c) road graders, scrapers and other integral units designed for specialised earthmoving or materials-handling purposes, (d) vehicles designed primarily to carry loads in which the ability to push or pull is incidental and (e) second-hand tractors.

3. Stocks refer to the number of new tractors held within Australia, at the end of each quarter by businesses which distribute the various makes. Tractors held by dealers, or which are in transit to them, are included. Also included are details of new tractors awaiting the attachment of ancillary equipment prior to sales.

4. Sales refer to the number of new tractors delivered or in transit to end-users or to manufacturers of tractor attachments.

5. *Agricultural or non-agricultural* (i.e. end-use) is determined on the basis of the principal purpose for which the purchaser intends to use the tractor (as far as this is known), e.g. in the case of a sale to a contractor, if the tractor is to be used principally for dam sinking or land clearing for agricultural development, such a sale is shown as 'agricultural' whereas if it is to be used principally for road construction or forestry work it is shown as 'non-agricultural'.

Seasonal adjustment

6. The publication contains seasonally adjusted sales statistics (see Table 6). In addition to being adjusted for normal seasonal factors, adjustment has been made for

the effects of movements in the date of Easter. It should be noted that seasonally adjusted figures still include random influences, e.g. strikes, abnormal weather. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

Related publications

7. Other ABS publications which may be of interest are:

New Agricultural Machinery Statistics, Australia (8505.0) — issued quarterly

Sales of New Construction Machinery, Industrial Tractors and Selected Attachments, Australia (8506.0)—issued quarterly

Manufacturing Commodities, Selected Principal Articles Produced, Australia, 1981-82 (Preliminary) (8365.0)

Manufacturing Commodities, Principal Articles Produced, Australia, 1979-80 and 1980-81 (8303.0)

Overseas Trade, Australia, Part 1: Exports and Imports, 1981-82 (5409.0)

8. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

- n.p. not available for separate publication (but included in totals where applicable)
- nil or rounded to zero

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Australian Statistician

TABLE 1. NEW TRACTORS: SALES DURING PERIOD AND STOCKS AT END OF PERIOD BY TYPE OF TRACTOR, AUSTRALIA
(Number)

Period	Sales			Stocks		
	Wheeled	Crawler	Total	Wheeled	Crawler	Total
<i>Year ended June—</i>						
1978	17,842	819	18,661	10,145	422	10,567
1979	18,391	861	19,252	8,469	361	8,830
1980	17,522	948	18,470	10,800	318	11,118
1981	21,187	1,108	22,295	8,881	473	9,354
1982	18,274	1,025	19,299	11,997	507	12,504
1983	12,648	539	13,187	9,290	398	9,688
<i>1980—</i>						
March qtr	4,368	252	4,620			
June qtr	5,184	329	5,513	9,415	354	9,769
September qtr	4,579	235	4,814	10,800	318	11,118
December qtr	4,939	239	5,178	11,078	402	11,676
<i>1981—</i>						
March qtr	5,416	283	5,699			
June qtr	6,217	351	6,568	10,247	502	10,749
September qtr	4,188	251	4,439	8,881	473	9,354
December qtr	4,367	273	4,640	10,083	587	10,670
<i>1982—</i>						
March qtr	4,411	253	4,664	9,955	552	10,507
June qtr	5,308	248	5,556	11,997	507	12,504
September qtr	3,539	139	3,678	11,748	562	12,310
December qtr	2,508	108	2,616	13,321	555	13,876
<i>1983—</i>						
March qtr	2,582	115	2,617	11,985	456	12,441
June qtr	4,020	177	4,197	9,290	398	9,688
Sept. qtr	2,738	121	2,859	8,516	344	8,860

TABLE 2. NEW TRACTORS: SALES BY TYPE, POWER AND SHIPPING WEIGHT, AUSTRALIA
(Number)

Power and shipping weight	Year ended—		Quarter ended—				
	June 1982	June 1983	Sept. 1982	Dec. 1982	March 1983	June 1983	Sept. 1983
<i>Wheeled tractors—max. P.T.O.</i>							
Up to and including 30 kw			n.p.	n.p.	n.p.	n.p.	n.p.
Over 30 kw and up to 45 kw—	4,968	3,232	n.p.	n.p.	n.p.	n.p.	n.p.
2 wheel drive	3,226	2,310	n.p.	n.p.	n.p.	n.p.	n.p.
4 wheel drive	964	950	n.p.	n.p.	n.p.	n.p.	n.p.
Over 45 kw and up to 60 kw—							
2 wheel drive	1,539	1,268	241	270	315	442	193
4 wheel drive	963	760	198	155	163	244	175
Over 60 kw and up to 75 kw—							
2 wheel drive	2,057	1,334	231	264	334	505	193
4 wheel drive	801	545	115	105	110	215	143
Over 75 kw and up to 90 kw—							
2 wheel drive	849	495	65	80	146	204	79
4 wheel drive	341	272	43	55	55	119	58
Over 90 kw and up to 105 kw—							
2 wheel drive	639	407	62	57	121	167	139
4 wheel drive	301	217	45	35	58	79	54
Over 105 kw	1,626	858	168	130	191	370	215
Total—2 wheel drive	12,811	8,734	2,620	1,726	1,740	2,649	1,784
 4 wheel drive	5,463	3,914	919	782	842	1,371	954
<i>Crawler tractors—shipping weight</i>							
Up to and including 5,000 kg	91	68	27	n.p.	n.p.	n.p.	n.p.
Over 5,000 kg and up to 7,000 kg	133	68	19	n.p.	n.p.	n.p.	n.p.
Over 7,000 kg and up to 10,000 kg	132	71	26	13	17	15	20
Over 10,000 kg and up to 15,000 kg	229	99	16	25	22	36	16
Over 15,000 kg and up to 20,000 kg	143	71	17	14	14	26	18
Over 20,000 kg	297	162	34	30	26	72	30
Total	1,025	539	139	108	115	177	121

TABLE 3. NEW TRACTORS: SALES BY TYPE, END USE (a), POWER AND SHIPPING WEIGHT: AUSTRALIA (Number)

Power and shipping weight	Year ended—		Quarter ended—				
	June 1982	June 1983	Sept. 1982	Dec. 1982	March 1983	June 1983	Sept. 1983
Wheeled tractors sold for—							
Agricultural purposes							
Maximum P.T.O.							
Up to and including 30 kw	2,655	1,865	715	473	255	422	367
Over 30 kw and up to 45 kw	3,407	2,745	719	597	602	827	589
Over 45 kw and up to 60 kw	2,115	1,750	389	363	433	565	326
Over 60 kw and up to 75 kw	3,739	1,803	328	346	430	699	318
Over 75 kw and up to 90 kw	1,075	692	99	109	192	292	127
Over 90 kw and up to 105 kw	920	609	101	87	177	244	n.p.
Over 105 kw	1,336	741	134	107	169	331	n.p.
<i>Total—2 wheel drive</i>	9,773	6,826	1,705	1,451	1,503	2,167	1,264
<i>4 wheel drive</i>	4,475	3,379	780	631	755	1,213	836
Non-agricultural purposes							
Maximum P.T.O.							
Up to and including 30 kw	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 30 kw and up to 45 kw	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 45 kw and up to 60 kw	387	278	50	62	45	121	42
Over 60 kw and up to 75 kw	140	76	18	23	15	21	18
Over 75 kw and up to 90 kw	115	75	9	26	9	31	10
Over 90 kw and up to 105 kw	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 105 kw	290	118	34	23	22	39	n.p.
<i>Total—2 wheel drive</i>	3,060	1,909	915	275	237	482	520
<i>4 wheel drive</i>	987	535	139	151	87	158	118
Total wheeled tractors							
<i>Total—2 wheel drive</i>	12,811	8,734	2,620	1,726	1,740	2,649	1,784
<i>4 wheel drive</i>	5,463	3,914	919	782	842	1,371	954
Crawler tractors sold for—							
Agricultural purposes	129	92	n.p.	n.p.	n.p.	n.p.	n.p.
Non-agricultural purposes	896	447	n.p.	n.p.	n.p.	n.p.	n.p.
Total crawler tractors	1,025	539	139	108	115	177	121

(a) See Explanatory notes, paragraph 5.

TABLE 4. NEW TRACTORS : SALES BY TYPE, POWER AND SHIPPING WEIGHT : QUARTER ENDED SEPTEMBER 1983
(Number)

Power and shipping weight	N.S.W. and A.C.T.	Vic.	Qld	S.A. and N.T.	W.A.	Tas.	Aust.
Wheeled tractors—max. P.T.O.							
Up to and including 30 kw	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 30 kw and up to 45 kw	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 45 kw and up to 60 kw	108	113	71	24	36	16	368
Over 60 kw and up to 75 kw	83	62	110	33	25	23	336
Over 75 kw and up to 90 kw	39	24	36	16	n.p.	n.p.	137
Over 90 kw and up to 105 kw	84	37	33	22	n.p.	n.p.	193
Over 105 kw	79	31	52	14	n.p.	n.p.	215
Total—2 wheel drive	604	490	353	274	117	74	1,784
4 wheel drive	314	217	187	274	108	74	954
Crawler tractors—shipping weight							
Up to and including 5,000kg	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 5,000 kg and up to 7,000 kg	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 7,000 kg and up to 10,000 kg	13	n.p.	n.p.	n.p.	n.p.	—	20
Over 10,000 kg and up to 15,000 kg	5	—	n.p.	n.p.	n.p.	n.p.	16
Over 15,000 kg and up to 20,000 kg	n.p.	n.p.	8	—	n.p.	3	18
Over 20,000 kg	8	n.p.	14	—	n.p.	n.p.	30
Total	43	n.p.	41	n.p.	n.p.	n.p.	121

TABLE 5. NEW TRACTORS : SALES BY TYPE, END USE (a), POWER AND SHIPPING WEIGHT : QUARTER ENDED SEPTEMBER 1983
(Number)

Power and shipping weight	N.S.W. and A.C.T.	Vic.	Qld	S.A. and N.T.	W.A.	Tas.	Aust.
Wheeled tractors—							
Agricultural purposes—max. P.T.O.							
Up to and including 30 kw	n.p.	n.p.	n.p.	50	n.p.	n.p.	367
Over 30 kw and up to 45 kw	184	206	87	53	39	20	589
Over 45 kw and up to 60 kw	90	107	63	19	32	15	326
Over 60 kw and up to 75 kw	78	58	107	30	22	23	318
Over 75 kw and up to 90 kw	37	23	35	n.p.	n.p.	n.p.	127
Over 90 kw and up to 105 kw	83	37	32	22	n.p.	n.p.	n.p.
Over 105 kw	n.p.	n.p.	n.p.	n.p.	33	n.p.	n.p.
Total—2 wheel drive	403	379	239	118	94	31	1,264
4 wheel drive	284	197	154	80	86	35	836
Non-agricultural purposes—							
Total—2 wheel drive	201	111	114	76	23	8	520
4 wheel drive	30	20	33	76	22	8	118
Total wheeled—							
Total—2 wheel drive	604	490	353	274	117	74	1,784
4 wheel drive	314	217	187	274	108	74	954
Crawler tractors—							
Agricultural purposes—shipping weight							
Up to and including 5,000 kg	n.p.	n.p.	n.p.	—	—	—	n.p.
Over 5,000 kg and up to 7,000 kg	n.p.	n.p.	n.p.	—	—	—	n.p.
Over 7,000 kg and up to 10,000 kg	—	—	—	—	—	—	—
Over 10,000 kg and up to 15,000 kg	—	—	n.p.	—	—	—	n.p.
Over 15,000 kg and up to 20,000 kg	—	—	—	—	—	—	—
Over 20,000 kg	—	—	n.p.	—	—	—	n.p.
Total	n.p.	n.p.	n.p.	—	—	—	n.p.
Total non-agricultural purposes							
Total crawler	43	n.p.	41	n.p.	n.p.	n.p.	121

(a) See Explanatory notes, paragraph 5

TABLE 6. NEW TRACTORS: SALES OF WHEELED TRACTORS FOR
AGRICULTURAL PURPOSES (a)
AUSTRALIA
(Number)

Quarter ended—	Original	Seasonally adjusted(b)
<i>1975—</i>		
September	2,953	3,566
December	3,662	3,974
<i>1976—</i>		
March	4,412	4,393
June	5,610	4,414
September	2,779	3,447
December	4,080	4,496
<i>1977—</i>		
March	4,341	4,351
June	4,432	3,385
September	2,426	3,061
December	2,820	3,151
<i>1978—</i>		
March	2,864	3,030
June	5,016	3,573
September	2,582	3,271
December	2,783	3,187
<i>1979—</i>		
March	3,355	3,408
June	5,429	4,003
September	2,509	3,144
December	2,777	3,240
<i>1980—</i>		
March	3,345	3,426
June	4,419	3,230
September	3,492	4,323
December	3,591	4,243
<i>1981—</i>		
March	4,027	4,145
June	5,490	4,007
September	3,130	3,823
December	3,145	3,751
<i>1982—</i>		
March	3,464	3,569
June	4,509	3,295
September	2,485	3,012
December	2,082	2,489
<i>1983—</i>		
March	2,258	2,330
June	3,380	2,469
September	2,100	2,536

(a) See Explanatory notes, paragraph 5. (b) The seasonally adjusted figures have been revised following annual reanalysis. See Explanatory notes, paragraph 6.

TABLE 7. NEW TRACTORS : STOCKS (a) BY TYPE, POWER AND SHIPPING WEIGHT
(Number)

<i>Power and shipping weight</i>	<i>Sept. 1982</i>	<i>Dec. 1982</i>	<i>March 1983</i>	<i>June 1983</i>	<i>Sept. 1983</i>
Wheeled tractors—max. P.T.O.					
Up to and including 30 kw	2,428	2,560	2,574	1,887	1,164
Over 30 kw and up to 45 kw—					
2 wheel drive	1,911	2,666	2,337	1,854	1,927
4 wheel drive					
Over 45 kw and up to 60 kw—					
2 wheel drive	1,229	1,212	1,152	937	964
4 wheel drive	783	673	513	394	625
Over 60 kw and up to 75 kw—					
2 wheel drive	1,953	1,968	1,602	1,336	1,209
4 wheel drive	528	529	502	403	404
Over 75 kw and up to 90 kw—					
2 wheel drive	903	852	816	601	515
4 wheel drive	373	372	369	153	170
Over 90 kw and up to 105 kw—					
2 wheel drive	513	890	784	706	497
4 wheel drive	302	349	173	140	200
Over 105 kw	825	1,250	1,161	879	841
Total—2 wheel drive	7,875	9,611	8,440	6,666	5,783
 4 wheel drive	3,873	3,710	3,545	2,624	2,733
Crawler tractors—shipping weight					
Up to and including 5,000 kg	81	73	n.p.	58	60
Over 5,000 kg and up to 7,000 kg	77	93	73	65	55
Over 7,000 kg and up to 10,000 kg	67	67	n.p.	53	39
Over 10,000 kg and up to 15,000 kg	108	99	81	89	85
Over 15,000 kg and up to 20,000 kg	80	83	68	52	49
Over 20,000 kg	149	140	104	81	56
Total	562	555	456	398	344

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