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SALES AND STOCKS OF NEW TRACTORS, AUSTRALIA DECEMBER QUARTER 1981

- PHONE INQUIRIES *for more information about these statistics—contact Mr Keith Woolford on Canberra (062) 52 5558 or any of our State offices.*
other inquiries including copies of publications—contact Information Services on Canberra (062) 52 6627 or in any of our State offices.
- MAIL INQUIRIES *write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices.*

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 adjusting this 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, 1979-80 (8365.0)

Manufacturing Commodities, Principal Articles Produced, Australia, 1977-78 and 1978-79 (8303.0)

Overseas Trade, Australia, Part 1: Exports and Imports, 1979-80 (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>						
1976	21,158	1,072	22,230	7,358	503	7,861
1977	20,667	921	21,588	10,225	465	10,690
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	21,151	1,108	22,259	8,881	473	9,354
<i>1978—</i>						
June qtr	6,234	299	6,533	10,145	422	10,567
September qtr	3,580	146	3,726	9,145	434	9,579
December qtr	4,277	192	4,469	9,399	432	9,831
<i>1979—</i>						
March qtr	4,197	218	4,415	9,661	381	10,042
June qtr	6,337	305	6,642	8,469	361	8,830
September qtr	3,704	178	3,882	8,580	339	8,919
December qtr	4,266	189	4,455	8,043	396	8,439
<i>1980—</i>						
March qtr	4,368	252	4,620	9,415	354	9,769
June qtr	5,184	329	5,513	10,800	318	11,118
September qtr	4,579	235	4,814	11,274	402	11,676
December qtr	4,939	239	5,178	11,008	471	11,479
<i>1981—</i>						
March qtr	5,416	283	5,699	10,247	502	10,749
June qtr	6,217	351	6,568	8,881	473	9,354
September qtr	4,209	251	4,460	10,083	587	10,670
December qtr	4,367	273	4,640	9,883	567	10,450

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

Power and shipping weight	Year ended—		Quarter ended—				
	June 1980	June 1981	Dec. 1980	March 1981	June 1981	Sept. 1981	Dec. 1981
<i>Wheeled tractors—max. P.T.O.</i>							
Up to and including 30 kw	3,995	4,971	n.p.	n.p.	n.p.	n.p.	n.p.
Over 30 kw and up to 45 kw—							
2 wheel drive	4,060	4,374	n.p.	n.p.	n.p.	n.p.	n.p.
4 wheel drive	737	1,121	n.p.	n.p.	n.p.	n.p.	n.p.
Over 45 kw and up to 60 kw—							
2 wheel drive	2,189	2,064	420	544	643	387	288
4 wheel drive	844	997	230	227	342	239	215
Over 60 kw and up to 75 kw—							
2 wheel drive	2,078	2,947	487	818	1,162	413	404
4 wheel drive	420	693	120	155	307	153	159
Over 75 kw and up to 90 kw—							
2 wheel drive	966	1,173	207	313	392	164	176
4 wheel drive	250	314	74	75	102	80	54
Over 90 kw and up to 105 kw—							
2 wheel drive	564	746	120	184	275	99	124
4 wheel drive	165	248	33	68	94	51	51
Over 105 kw	1,254	1,503	268	390	574	305	333
Total-2 wheel drive	13,858	16,144	3,990	4,234	4,342	3,025	3,119
Total-4 wheel drive	3,664	5,007	949	1,182	1,875	1,184	1,248
<i>Crawler tractors—shipping weight</i>							
Up to and including 5,000 kg	117	143	36	30	34	21	22
Over 5,000 kg and up to 7,000 kg	131	116	37	30	27	38	39
Over 7,000 kg and up to 10,000 kg	220	169	37	39	47	32	44
Over 10,000 kg and up to 15,000 kg	202	263	37	77	90	64	64
Over 15,000 kg and up to 20,000 kg	143	192	42	48	74	26	31
Over 20,000 kg	135	101	50	59	79	78	73
Total	948	1,108	239	283	351	251	273

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 1980	June 1981	Dec. 1980	March 1981	June 1981	Sept. 1981	Dec. 1981
Wheeled tractors sold for—							
Agricultural purposes							
Maximum P.T.O.							
Up to and including 30 kw	n.p.	2,308	n.p.	n.p.	608	632	737
Over 30 kw and up to 45 kw	3,897	4,496	1,155	954	1,248	896	839
Over 45 kw and up to 60 kw	2,767	2,731	578	683	869	500	424
Over 60 kw and up to 75 kw	2,335	3,512	566	943	1,438	519	535
Over 75 kw and up to 90 kw	1,108	1,358	253	361	454	212	207
Over 90 kw and up to 105 kw	n.p.	969	148	243	365	148	170
Over 105 kw	1,002	1,226	n.p.	n.p.	508	223	233
Total—2 wheel drive	10,308	12,576	2,888	3,112	3,870	2,199	2,156
4 wheel drive	2,742	4,024	703	915	1,620	931	989
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	900	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 45 kw and up to 60 kw	266	330	72	88	116	126	79
Over 60 kw and up to 75 kw	163	128	41	30	31	47	28
Over 75 kw and up to 90 kw	108	129	28	27	40	32	23
Over 90 kw and up to 105 kw	n.p.	25	n.p.	n.p.	n.p.	n.p.	n.p.
Over 105 kw	252	277	78	77	66	82	100
Total—2 wheel drive	3,550	3,568	1,102	1,122	472	826	963
4 wheel drive	922	983	246	267	255	253	259
Total wheeled tractors							
Total—2 wheel drive	13,858	16,144	3,990	4,234	4,342	3,025	3,119
4 wheel drive	3,664	5,007	949	1,182	1,875	1,184	1,248
Crawler tractors sold for—							
Agricultural purposes	105	232	n.p.	n.p.	n.p.	n.p.	n.p.
Non-agricultural purposes	843	876	n.p.	n.p.	n.p.	n.p.	n.p.
Total crawler tractors	948	1,108	239	283	351	251	273

(a) See Explanatory notes, paragraph 5.

TABLE 4. NEW TRACTORS : SALES BY TYPE, POWER AND SHIPPING WEIGHT : QUARTER ENDED DECEMBER 1981
(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	181	123	123	34	25	17	503
Over 60 kw and up to 75 kw	121	93	205	58	75	11	563
Over 75 kw and up to 90 kw	63	33	63	42	n.p.	n.p.	230
Over 90 kw and up to 105 kw	51	38	44	17	n.p.	n.p.	175
Over 105 kw	107	54	78	26	n.p.	n.p.	333
Total—2 wheel drive	950	830	765	210	210	102	3,119
4 wheel drive	421	285	289	400	115	102	1,248
Crawler tractors—shipping weight							
Up to and including 5,000 kg	n.p.	n.p.	n.p.	n.p.	—	—	22
Over 5,000 kg and up to 7,000 kg	16	5	n.p.	n.p.	n.p.	n.p.	39
Over 7,000 kg and up to 10,000 kg	13	n.p.	7	n.p.	n.p.	n.p.	44
Over 10,000 kg and up to 15,000 kg	17	n.p.	26	n.p.	n.p.	n.p.	64
Over 15,000 kg and up to 20,000 kg	11	3	13	n.p.	n.p.	—	31
Over 20,000 kg	n.p.	9	26	n.p.	9	n.p.	73
Total	89	51	92	11	20	10	273

TABLE 5. NEW TRACTORS : SALES BY TYPE, END USE (a), POWER AND SHIPPING WEIGHT : QUARTER ENDED DECEMBER 1981
(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	251	211	169	67	n.p.	n.p.	737
Over 30 kw and up to 45 kw	235	311	135	83	44	31	839
Over 45 kw and up to 60 kw	145	113	111	27	15	13	424
Over 60 kw and up to 75 kw	109	93	200	53	71	9	535
Over 75 kw and up to 90 kw	56	31	61	38	n.p.	n.p.	207
Over 90 kw and up to 105 kw	50	38	43	n.p.	20	n.p.	170
Over 105 kw	61	47	60	n.p.	46	n.p.	233
Total—2 wheel drive	581	587	552	222	172	42	2,156
4 wheel drive	326	257	227	80	73	26	989
Non-agricultural purposes—							
Total—2 wheel drive	369	243	213	98	38	34	963
4 wheel drive	95	28	62	—	42	—	259
Total wheeled—							
Total—2 wheel drive	950	830	765	400	210	102	3,119
4 wheel drive	421	285	289	400	115	102	1,248
Crawler tractors—							
Agricultural purposes—shipping weight							
Up to and including 5,000 kg	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.
Over 7,000 kg and up to 10,000 kg	—	—	n.p.	—	—	—	n.p.
Over 10,000 kg and up to 15,000 kg	—	—	n.p.	—	n.p.	—	n.p.
Over 15,000 kg and up to 20,000 kg	—	—	n.p.	—	—	—	n.p.
Over 20,000 kg	—	—	n.p.	—	—	—	n.p.
Total	n.p.	n.p.	n.p.	n.p.	n.p.	—	n.p.
Total non-agricultural purposes	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Total crawler	89	51	92	11	20	10	273

(a) See Explanatory notes, paragraph 5.

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

Year	Quarter ended—							
	March		June		September		December	
	2 wheel drive	4 wheel drive	2 wheel drive	4 wheel drive	2 wheel drive	4 wheel drive	2 wheel drive	4 wheel drive
ORIGINAL SERIES								
1957		4,212		4,523		4,215		3,637
1958		3,415		3,431		3,342		3,867
1959		3,958		4,619		3,642		4,184
1960		4,967		5,045		3,692		4,335
1961		3,377		3,811		3,187		3,527
1962		4,350		4,153		3,180		3,583
1963		4,820		4,823		4,498		5,413
1964		4,999		6,216		5,127		5,096
1965		3,837		4,213		3,927		4,274
1966		4,154		4,247		3,004		4,715
1967		4,684		5,136		3,426		3,452
1968		4,211		4,673		3,368		4,224
1969		4,417		4,343		2,994		3,353
1970		2,722		2,899		2,132		2,669
1971		2,512		3,026		2,229		2,539
1972		3,026		3,400		2,543		2,986
1973		3,692		4,553		3,466		3,350
1974		3,193		3,841				
1975	3,114	221	4,160	260	2,928	166	3,245	190
1976	4,030	382	5,103	507	2,742	211	3,421	241
1977	3,926	415	4,027	405	2,492	287	3,637	443
1978	2,522	342	4,127	889	2,151	275	2,475	345
1979	2,760	595	4,538	891	2,080	502	2,269	514
1980	2,698	647	3,565	854	1,863	646	2,182	595
1981	3,112	915	3,870	1,620	2,706	786	2,888	703
					2,199	931	2,156	989
SEASONALLY ADJUSTED (b)								
1957		4,136		4,220		4,527		3,775
1958		3,320		3,200		3,628		4,028
1959		3,987		4,098		4,013		4,381
1960		4,675		4,698		4,122		4,573
1961		3,202		3,461		3,596		3,744
1962		3,975		3,872		3,598		3,830
1963		4,358		4,503		5,113		5,190
1964		5,397		5,539		5,347		4,913
1965		3,913		3,928		4,126		4,134
1966		4,222		3,941		3,169		4,580
1967		5,005		4,505		4,207		3,383
1968		3,928		4,268		4,112		4,166
1969		4,163		3,924		3,618		3,335
1970		2,734		2,466		2,534		2,692
1971		2,429		2,671		2,608		2,601
1972		3,030		2,888		2,946		3,116
1973		3,629		3,890		4,030		3,549
1974		3,145		3,213		3,652		3,677
1975		3,471		3,424		2,570		3,962
1976		4,411		4,401		3,457		4,486
1977		4,374		3,366		3,077		3,148
1978		3,047		3,542		3,301		3,188
1979		3,420		3,961		3,196		3,235
1980		3,429		3,191		4,440		4,222
1981		4,136		3,942		3,976		3,714

(a) See Explanatory notes, paragraph 5. (b) 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>Dec. 1980</i>	<i>March 1981</i>	<i>June 1981</i>	<i>Sept. 1981</i>	<i>Dec. 1981</i>
Wheeled tractors—max. P.T.O.					
Up to and including 30 kw	2,276	1,712	1,523	1,440	1,497
Over 30 kw and up to 45 kw—					
2 wheel drive					
4 wheel drive	3,006	2,928	2,770	2,764	2,657
Over 45 kw and up to 60 kw—					
2 wheel drive	1,215	1,063	981	1,277	1,163
4 wheel drive	594	644	558	671	619
Over 60 kw and up to 75 kw—					
2 wheel drive	1,392	1,306	923	1,350	1,208
4 wheel drive	295	392	428	477	566
Over 75 kw and up to 90 kw—					
2 wheel drive	608	563	451	578	549
4 wheel drive	154	186	209	211	201
Over 90 kw and up to 105 kw—					
2 wheel drive	376	361	292	395	453
4 wheel drive	106	172	172	178	185
Over 105 kw	986	920	574	742	785
Total—2 wheel drive	8,290	7,268	6,007	6,978	6,598
4 wheel drive	2,718	2,979	2,874	3,105	3,285
Crawler tractors—shipping weight					
Up to and including 5,000 kg	92	94	79	101	n.p.
Over 5,000 kg and up to 7,000 kg	n.p.	54	n.p.	n.p.	n.p.
Over 7,000 kg and up to 10,000 kg	n.p.	57	n.p.	90	81
Over 10,000 kg and up to 15,000 kg	99	124	95	101	113
Over 15,000 kg and up to 20,000 kg	70	98	84	n.p.	90
Over 20,000 kg	81	75	87	154	137
Total	471	502	473	587	567

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