

EMBARGO: 6 P.M. 4 April 1972

SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS
DECEMBER QUARTER 1971

Reference No. 12.2

EXPLANATORY NOTES

This bulletin contains statistics relating to the sales throughout Australia of specified imported and Australian-made new construction machinery and attachments. Details of sales, by States, for the December 1971 quarter are shown in Table 1 and, for comparison purposes, Australian sales for earlier quarters and for the years 1969-70 and 1970-71 are shown in Table 2.

2. These statistics have been derived from returns collected from principals marketing new construction machinery and attachments. The principals are those businesses in Australia which, in respect of the items of new construction machinery and attachments specified in the return (a) market under their own name(s) or trade name(s), or (b) import into Australia and market under the name(s) or trade name(s) of businesses overseas. Principals complete separate returns for each State, or arrange for their completion by State distributors.

3. For the purpose of these statistics a "sale" occurs when the machinery or attachment is delivered or is in transit to the end user.

4. Details relating to attachments cover attachments sold separately and attachments mounted on tractors.

5. Details of State sales of certain items and in some instances Australian sales are marked as "not available for publication". This occurs because of the small number of businesses making the sales and the need to avoid disclosure of information relating to individual businesses.

6. Some revisions were made to the collection form as from September quarter 1970, mainly affecting the backhoes, cranes and excavating machinery items.

Symbols used

- .. Nil, or not applicable.
- r Figure or series revised since previous issue.

Related publications

Statistics on agricultural machinery and tractors are available from this Bureau in the following quarterly publications.

- (1) New Agricultural Machinery Statistics
(Reference No. 12.1)
- (2) New Tractors : Receipts, Sales and Stocks
(Reference No. 12.6)

TABLE 1. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS

QUARTER ENDED DECEMBER 1971

(Number of units sold)

Type of implement or attachment	N.S.W. & A.C.T.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Total
1. LOADER ATTACHMENTS (including front end, rear end, tractor shovels and the like) - (e) for use with -								
Two-wheel drive tractors -								
$\frac{1}{2}$ cu yd up to and incl. $\frac{5}{8}$ cu yd	51	60	33	(a)	23	(a)	(a)	191
over $\frac{5}{8}$ cu yd	68	51	40	22	(a)	(a)	6	212
Four-wheel drive tractors -								
Up to and incl. $\frac{5}{8}$ cu yd	(a)	14	12	(a)	(a)	(a)	(a)	53
Over $\frac{5}{8}$ cu yd up to and incl. $1\frac{3}{4}$ cu yd	(a)	(a)	13	5	6	(a)	..	31
Over $1\frac{3}{4}$ cu yd up to and incl. $2\frac{1}{2}$ cu yd	(a)	5	13	14	8	(a)	(a)	53
Over $2\frac{1}{2}$ cu yd up to and incl. $3\frac{3}{4}$ cu yd	(a)	(a)	(a)	(a)	(a)	..	..	13
Over $3\frac{3}{4}$ cu yd up to and incl. 6 cu yd	6	(a)	..	..	(a)	..	..	20
Over 6 cu yd	(a)	(a)	(a)	..	(a)	..	..	2
Total loader attachments for four-wheel drive tractors	38	25	42	30	28	(a)	(a)	170
Crawler tractors -								
Up to and incl. $\frac{3}{4}$ cu yd	(a)	(a)	(a)	(a)	(a)	..	..	13
Over $\frac{3}{4}$ cu yd up to and incl. $1\frac{1}{2}$ cu yd	5	(a)	(a)	..	..	..	..	(a)
Over $1\frac{1}{2}$ cu yd up to and incl. $1\frac{1}{2}$ cu yd	(a)	(a)	(a)	(a)	..	..	..	(a)
Over $1\frac{1}{2}$ cu yd up to and incl. 2 cu yd	9	(a)	(a)	..	(a)	(a)	..	17
Over 2 cu yd	11	(a)	..	(a)	(a)	(a)	..	17
Total loader attachments for crawler tractors	34	7	10	6	(a)	(a)	..	65
2. DOZER ATTACHMENTS (including straight blade, angle blades, tilt blades and the like) for use with -								
Wheelled tractors - two-wheel drive	42	(a)	37	..	(a)	..	..	87
four-wheel drive	(a)	(a)	(a)	(a)	(a)	(a)	..	21
Crawler tractors	(a)	30	(a)	(a)	(a)	(a)	(a)	183
Total dozer attachments	122	36	92	(a)	23	12	(a)	291
3. OFF-HIGHWAY TRUCKS (f) -								
Over 5 tons up to and incl. 30 tons	(a)	(a)	(a)	(a)	11	..	..	34
Over 30 tons	13	(a)	(a)	(a)	11	..	..	34

For footnotes see page 11.

TABLE 1. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS - continued

QUARTER ENDED DECEMBER 1971

(Number of units sold)

Type of implement or attachment	N.S.W. & A.C.T.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Total
4. SCRAPERS (g) -								
Integral wheeled machines								
Over 7 cu yd up to and incl. 15 cu yd	(a)	(a)	(a)	..	..	..	..	8
Over 15 cu yd	(a)	(a)	(a)	(a)	(a)	..	..	16
Without prime mover for use with wheeled or crawler tractors								
Over 7 cu yd up to and incl. 15 cu yd	..	..	..	..	..	..	..	..
Over 15 cu yd	..	..	..	..	..	..	..	..
5. MOTOR GRADERS (h) -								
Up to and incl. 100 hp	(a)	16	(a)	(a)	6	..	..	38
Over 100 hp up to and incl. 135 hp	(a)	(a)	37	(a)	(a)	(a)	..	85
Over 135 hp	(a)	(a)	(a)	..	(a)	(a)	..	15
Total motor graders	28	34	46	(a)	15	(a)	..	138
6. TAMPING AND COMPACTING MACHINERY -								
Rollers -								
Vibratory - Self-propelled	21	27	(a)	(a)	(a)	(a)	..	66
Drawn	10	15	(a)	(a)	(a)	(a)	(a)	36
Non-vibratory - Rubber (i) - Self-propelled	(a)	(a)	10	(a)	(a)	..	..	30
Drawn	..	(a)	..	..	..	..	..	(a)
Steel - Self-propelled	(a)	(a)	(a)	..	(a)	..	..	(a)
Drawn	..	(a)	..	(a)	..	..	..	(a)
Total rollers	38	53	27	(a)	10	(a)	(a)	143
Vibratory plate rammers and tampers	(a)	(a)	(a)	(a)	(a)	..	(a)	(a)
7. RIPPERS -								
For use with crawler or four-wheel drive tractors	80	20	71	(a)	(a)	(a)	..	190

For footnotes see page 11.

TABLE 1. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS - continued

QUARTER ENDED DECEMBER 1971

(Number of units sold)

Type of implement or attachment	N.S.W. & A.C.T.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Total
8. BACKHOES, Hydraulic (j) -								
Centre mounted -								
Up to and incl. 12 ft max. digging depth	17	18	7	(a)	(a)	..	..	21
Over 12 ft max. digging depth				(a)	(a)	(a)	(a)	33
Side-shift -								
Up to and incl. 12 ft max. digging depth	14	67	41	(a)	..	(a)	(a)	42
Over 12 ft max. digging depth	43			(a)	13	(a)	5	153
Total hydraulic backhoes	74	85	48	(a)	15	(a)	8	249
9. TRENCH AND DITCH DIGGING MACHINERY (k)	(a)	(a)	(a)	(a)	(a)	..	..	32
10. CRANES AND EXCAVATING MACHINERY -								
MOBILE CRANES (l) (m) (n) -								
Self-propelled rough terrain and wagon types -								
Up to and incl. 10 tons	..	(a)	..	..	..	..	..	(a)
Over 10 tons	(a)	(a)	..	..	..	..	..	(a)
Total mobile cranes - self-propelled rough terrain and wagon types	(a)	(a)	..	..	..	..	..	(a)
All other types -								
Truck and carrier-mounted types -								
Up to and incl. 5 tons	(a)	..	..	..	..	(a)	..	(a)
Over 5 tons up to and incl. 10 tons	(a)	(a)	..	..	(a)	..	..	14
Over 10 tons up to and incl. 20 tons	(a)	5	(a)	..	..	..	..	9
Over 20 tons up to and incl. 40 tons	(a)	..	(a)	..	..	..	..	6
Over 40 tons	..	(a)	(a)	(a)	..	..	..	(a)
Total mobile cranes, all other types -								
Truck and carrier-mounted types	14	10	(a)	(a)	(a)	(a)	..	38
Wheeled tractor types -								
Up to and incl. 3 tons	..	..	..	..	(a)	..	..	(a)
Over 3 tons up to and incl. 5 tons	14	(a)	(a)	..	(a)	(a)	..	39
Over 5 tons up to and incl. 10 tons				(a)	..	..	..	(a)
Over 10 tons up to and incl. 20 tons	..	..	..	..	..	..	..	..
Over 20 tons up to and incl. 40 tons	..	..	..	..	..	..	..	..
Over 40 tons	..	..	..	..	..	..	..	..
Total mobile cranes, all other types -								
Wheeled tractor types	14	(a)	5	(a)	(a)	(a)	..	65

For footnotes see page 11.

TABLE 1. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS - continued

QUARTER ENDED DECEMBER 1971

(Number of units sold)

Type of implement or attachment	N.S.W. & A.C.T.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Total
10. MOBILE CRANES (l) (m) (n) continued -								
All other types continued -								
Crawler tractor types -								
Up to and incl. 5 tons	..	..	..	..	..	..	..	..
Over 5 tons up to and incl. 10 tons	..	(a)	..	..	..	..	..	(a)
Over 10 tons up to and incl. 20 tons	..	..	..	..	..	..	..	..
Over 20 tons up to and incl. 40 tons	..	..	..	..	..	..	..	..
Over 40 tons	..	..	..	..	..	..	..	..
Total mobile cranes, all other types - crawler tractor types	..	(a)	..	..	..	..	..	(a)
EXCAVATING MACHINERY - RUBBER TYRED, TRUCK AND/OR CARRIER MOUNTED: of the shovel, skimmer, clam- shell, drag-line, drag-shovel, crane, grab-crane or similar types (e) (o) -								
Up to and incl. $\frac{1}{8}$ cu yd	(a)	..	..	..	(a)	..	..	(a)
Over $\frac{1}{8}$ cu yd up to and incl. 1 cu yd	(a)	..	(a)	..	(a)	(a)	(a)	(a)
Over 1 cu yd up to and incl. $1\frac{1}{2}$ cu yd	..	..	..	..	..	..	..	..
Over $1\frac{1}{2}$ cu yd	..	..	..	..	..	..	..	..
Total excavating machinery - rubber tyred, truck and/or carrier mounted	4	..	(a)	..	(a)	(a)	(a)	9
EXCAVATING AND DREDGING MACHINERY - CRAWLER MOUNTED of the shovel, skimmer, clam-shell, drag-line, drag-shovel, crane, grab-crane or similar types (e) (p) -								
Up to and incl. $\frac{1}{8}$ cu yd	(a)	(a)	..	..	..	..	..	(a)
Over $\frac{1}{8}$ cu yd up to and incl. 1 cu yd	(a)	(a)	(a)	..	(a)	..	..	9
Over 1 cu yd up to and incl. $1\frac{1}{2}$ cu yd	(a)	(a)	(a)	..	(a)	..	..	(a)
Over $1\frac{1}{2}$ cu yd	(a)	..	(a)	..	..	..	..	(a)
Total excavating and dredging machinery - crawler mounted	9	(a)	4	..	(a)	..	..	23
11. LOG SKIDDERS (h) -								
Up to and incl. 100 hp	(a)	..	..	..	..	(a)	..	(a)
Over 100 hp	..	(a)	..	..	..	..	..	(a)
Total log skidders	(a)	(a)	..	..	..	(a)	..	(a)

For footnotes see page 11.

TABLE 2. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS : AUSTRALIA - continued

(Number of units sold)

Type of implement or attachment	Year ended		Quarter ended				
	June 1970	June 1971	Dec. 1970	March 1971	June 1971	Sept. 1971	Dec. 1971
4. SCRAPERS (g) -							
Integral wheeled machines							
Over 7 cu yd up to and incl. 15 cu yd	107	72	25	29	19	12	8
Over 15 cu yd	108	72	19		8	16	16
Without prime mover for use with wheeled or crawler tractors	(a)	(a)	..	..	..	..	..
Over 7 cu yd up to and incl. 15 cu yd	(a)	(a)	..	..	..	..	..
Over 15 cu yd							
5. MOTOR GRADERS (h) -							
Up to and incl. 100 hp	127	84	25	19	22	15	38
Over 100 hp up to and incl. 135 hp	335	264	94	56	60	42	85
Over 135 hp	82	97	24	19	21	24	15
Total motor graders	544	445	143	94	103	81	138
6. TAMPING AND COMPACTING MACHINERY -							
Rollers -							
Vibratory - Self-propelled	575	305	89	73	70	75	66
Drawn		185	49	31	34		36
Non-vibratory - Rubber (i) - Self-propelled	121	75	(a)	(a)	43	22	30
Drawn			(a)	..			(a)
Steel - Self-propelled	112	77	22	(a)		(a)	(a)
Drawn		17				(a)	(a)
Total rollers	808	659	183	145	147	111	143
Vibratory plate rammers and tampers	(d)	840	170	(a)	(a)	279	(a)
7. RIPPERS -							
For use with crawler or four-wheel drive tractors	1,232	1,105	272	258	238	218	190
8. BACKHOES, Hydraulic -							
Tractor mounting type -							
Up to and incl. 12 ft max. digging depth	364	(b)			(b)		
Over 12 ft max. digging depth	692						
Trailing or carriage mounting type	32						

For footnotes see page 11.

TABLE 2. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS -- AUSTRALIA - continued

(Number of units sold)

Type of implement or attachment	Year ended		Quarter ended				
	June 1970	June 1971	Dec. 1970	March 1971	June 1971	Sept. 1971	Dec. 1971
8. BACKHOES, Hydraulic (j) -							
Centre-mounted -							
Up to and incl. 12 ft max. digging depth	)	78	)		31	)	21
Over 12 ft max. digging depth	)	222	)	76	76	)	33
Side-shift -							
Up to and incl. 12 ft max. digging depth	) (c)	225	)	66	63	)	42
Over 12 ft max. digging depth	)	519	)	129	102	)	136
Total hydraulic backhoes	)	1,044	)	271	272	)	249
9. TRENCH AND DITCH DIGGING MACHINERY (k)	184	202	43	48	59	34	32
10. CRANES AND EXCAVATING MACHINERY -							
MOBILE CRANES (l) (m) -							
Two axle self-propelled or wagon type -							
Up to and incl. 10 tons	30						
Over 10 tons	68						
CRANES AND EXCAVATING MACHINERY - RUBBER TYRED, TRUCK AND/OR							
CARRIER MOUNTED, of the shovel, skimmer, drag-line, drag-							
shovel, crane, grab-crane, or similar types (l) (q) -							
Up to and incl. 5 tons	34						
Over 5 tons up to and incl. 10 tons	104						
Over 10 tons up to and incl. 15 tons	56						
Over 15 tons up to and incl. 20 tons	9						
Over 20 tons up to and incl. 30 tons	41						
Over 30 tons up to and incl. 40 tons	20						
Over 40 tons							
Total cranes and excavating machinery - rubber tyred,		(b)			(b)		
truck and/or carrier mounted	264						
DREDGING AND EXCAVATING MACHINERY AND CRANES - CRAWLER MOUNTED							
of the shovel, skimmer, drag-line, drag-shovel, crane							
grab-crane or similar types; wholly or partly revolving (q) -							
Up to and incl. $\frac{3}{8}$ cu yd	34						
Over $\frac{3}{8}$ cu yd up to and incl. $\frac{5}{8}$ cu yd	27						
Over $\frac{5}{8}$ cu yd up to and incl. $\frac{3}{4}$ cu yd	65						
Over $\frac{3}{4}$ cu yd up to and incl. $1\frac{1}{2}$ cu yd	24						
Over $1\frac{1}{2}$ cu yd up to and incl. $2\frac{1}{2}$ cu yd							
Over $2\frac{1}{2}$ cu yd							
Total dredging and excavating machinery and cranes -							
crawler mounted	150						

TABLE 2. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS : AUSTRALIA - continued

(Number of units sold)

Type of implement or attachment	Year ended		Quarter ended				
	June 1970	June 1971	Dec. 1970	March 1971	June 1971	Sept. 1971	Dec. 1971
10. CRANES AND EXCAVATING MACHINERY continued -							
MOBILE CRANES (1) (m) (n) -							
Self-propelled rough terrain and wagon types -							
Up to and incl. 10 tons		18	(a)	(a)	..	(a)	(a)
Over 10 tons		42	(a)	(a)	(a)	(a)	(a)
Total mobile cranes - self-propelled rough terrain and wagon types		60	15	(a)	(a)	17	(a)
All other types -							
Truck and carrier-mounted types -							
Up to and incl. 5 tons		7	7	..	..	(a)	(a)
Over 5 tons up to and incl. 10 tons		(a)	32	17	(a)	(a)	14
Over 10 tons up to and incl. 20 tons		45	(a)	(a)	(a)	13	9
Over 20 tons up to and incl. 40 tons		26	5	9	(a)	12	6
Over 40 tons		(a)	(a)	(a)	(a)	(a)	(a)
Total mobile cranes, all other types - truck and carrier-mounted types		181	63	35	33	48	38
Wheeled tractor types -	(c)						
Up to and incl. 3 tons		29	11	(a)	9	(a)	(a)
Over 3 tons up to and incl. 5 tons		114	26	24	41	(a)	39
Over 5 tons up to and incl. 10 tons		143	35	(a)	(a)	(a)	(a)
Over 10 tons up to and incl. 20 tons		(a)	..	(a)	(a)	..	..
Over 20 tons up to and incl. 40 tons		(a)	(a)	..	..	..	..
Over 40 tons		6	(a)	..	..	..	..
Total mobile cranes - all other types - wheeled tractor types		308	81	48	112	62	65
Crawler tractor types -							
Up to and incl. 5 tons		(a)	..	(a)	..	..	..
Over 5 tons up to and incl. 10 tons		(a)	..	..	(a)	(a)	(a)
Over 10 tons up to and incl. 20 tons		(a)	(a)	(a)	..	..	..
Over 20 tons up to and incl. 40 tons		(a)	(a)	..	..	..	..
Over 40 tons		5	..	..	..	(a)	..
Total mobile cranes - all other types - crawler tractor types		26	(a)	(a)	(a)	(a)	(a)

For footnotes see page 11.

TABLE 2. - SALES OF NEW CONSTRUCTION MACHINERY AND ATTACHMENTS : AUSTRALIA - continued
(Number of units sold)

Type of implement or attachment	Year ended		Quarter ended				
	June 1970	June 1971	Dec. 1970	March 1971	June 1971	Sept. 1971	Dec. 1971
10. CRANES AND EXCAVATING MACHINERY continued -							
EXCAVATING MACHINERY - RUBBER TYRED, TRUCKS AND/OR CARRIER							
MOUNTED, of the shovel, skimmer, clam-shell, drag-line, drag-							
shovel, crane, grab-crane or similar types (e) (o) -							
Up to and incl. $\frac{3}{4}$ cu yd		(a)	(a)	(a)	(a)	(a)	(a)
Over $\frac{3}{4}$ cu yd up to and incl. 1 cu yd		15	(a)	(a)	(a)	(a)	(a)
Over 1 cu yd up to and incl. $1\frac{1}{2}$ cu yd		(a)	(a)	..	(a)	(a)	..
Over $1\frac{1}{2}$ cu yd		(a)	..	(a)	(a)	..	..
Total excavating machinery - Rubber tyred, truck							
and/or carrier mounted		23	(a)	9	6	(a)	9
EXCAVATING AND DREDGING MACHINERY - CRAWLER MOUNTED							
of shovel, skimmer, clam-shell, drag-line, drag-shovel,							
crane, grab-crane or similar types (e) (p) -							
Up to and incl. $\frac{3}{4}$ cu yd		30	(a)	13	(a)	(a)	(a)
Over $\frac{3}{4}$ cu yd up to and incl. 1 cu yd		72	15	18	22	12	9
Over 1 cu yd up to and incl. $1\frac{1}{2}$ cu yd		19	6	(a)	(a)	(a)	(a)
Over $1\frac{1}{2}$ cu yd		5	(a)	(a)	..	..	(a)
Total excavating and dredging machinery -							
Crawler mounted		126	32	36	25	28	23
11. LOG SKIDDERS (h) -							
Up to and incl. 100 hp		(a)	(a)	(a)	(a)	(a)	(a)
Over 100 hp		(a)	(a)	(a)	(a)	(a)	(a)
Total log skidders		41	(a)	(a)	(a)	17	(a)

For footnotes see page 11.

Footnotes

- (a) Not available for publication.
- (b) Not collected on this basis, see below.
- (c) Not collected on this basis, see above.
- (d) Not previously collected.
- (e) Capacity of bucket (nominal heaped) is based on the Society of Automotive Engineers (S.A.E. rating).
- (f) Payload capacity in short tons.
- (g) With or without elevators, including tandem powered. Scrapers without elevators are rated in struck capacity; those with elevators are rated in heaped capacity.
- (h) Rating is based on flywheel horse power (with accessories) at governed R.P.M.
- (i) Includes combination of steel and rubber.
- (j) Excludes hydraulic excavators with 280° slew and over.
- (k) Excludes backhoes.
- (l) Lifting capacity (maximum) in long tons.
- (m) Excludes self-propelled universal excavators and powered store trucks.
- (n) Winch and crane boom attachments sold as such are classified according to anticipated major use (e.g. included under wheeled tractor type if to be mounted on a wheeled tractor).
- (o) Includes hydraulic excavators with 270° slew and over but not hydraulic backhoes. Includes pedestal mounted excavators normally sold attached to rubber-tyred, truck or carrier-mounted machinery. Excludes front-end loaders and tractor shovels.
- (p) Includes hydraulic excavators with 270° slew and over but not hydraulic backhoes. Includes pedestal mounted excavators normally sold attached to crawler-mounted machinery. Excludes front-end crawler-tractor loaders and tractor shovels.
- (q) Excludes front-end loaders, tractor shovels and hydraulic backhoes.

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4 APRIL 1972

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 490211 extension 331 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.