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Statistics

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**SAND, GRAVEL AND QUARRY PRODUCTION, QUEENSLAND, HALF YEAR ENDED
31 DECEMBER 1989**

PHONE INQUIRIES	For more information about these statistics please contact Alan Burnham on Brisbane (07) 222 6153. For other inquiries, including copies of publications, please contact Information Services on Brisbane (07) 222 6351.
MAIL INQUIRIES	Please write to Information Services, Australian Bureau of Statistics (ABS), GPO Box 9817, Brisbane Q 4001.

MAIN FEATURES

Total Queensland sand, gravel and quarry production in the half year to December 1989 grew strongly by 8.6 per cent over the production quantity for the corresponding half year in 1988 and by 13.3 per cent compared with the figure for the 6 months to June 1989.

Community	1988-89	Half year to December 1989	Changes between			
			1987-88 and 1988-89	Half years ended		June 1989 and December 1989
				December 1988 and December 1989	December 1988	
	'000 tonnes	'000 tonnes	%	%	%	%
Sand	6,970	4,123	-1	+13	+25	
River or creek gravel	4,247	1,783	+28	-4	-25	
Non-crushed gravels	4,617	2,085	-10	-17	-1	
Crushed and broken stone	18,107	11,420	+11	+22	+31	
Other materials	5,435	2,427	+22	-10	-11	
Total	39,376	21,838	+9	+9	+13	

EXPLANATORY NOTES

This publication contains statistics of sand, gravel and quarry materials produced during the years 1986-87, 1987-88 and 1988-89 and the half years ended 31 December 1988, 30 June 1989 and 31 December 1989.

Australian Standard Geographical Classification

- The data are presented according to the Australian Standard Geographical Classification (ASGC), Edition 8.
- Statistical divisions, which are groupings of the whole or part of legal local government areas are designed to be relatively homogeneous regions characterised by identifiable social and economic units within the region. The Brisbane Statistical Division comprises the Cities of Brisbane, Ipswich, Logan and Redcliffe, the Shire of Redland and parts of the Shires of Albert, Beaudesert, Caboolture, Moreton and Pine Rivers.

Related Publications

- Users may also wish to refer to the following publications which are available on request:
 - Census of Mining Establishments: Details of Operations by Industry Subdivision* (8401.3) - Next issue: 1988-89 (\$8.00) which will be released in the near future.
 - Mineral Production* (8402.3) - Latest issue: 1988-89 (\$5.00)
- Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Catalogue No. 1101.0) and those produced by the Queensland Office are listed in *List of Publications* (Catalogue No. 1101.3). A *Publications Advice* (Catalogue No. 1105.0) is issued on Tuesdays and Fridays which lists publications to be

EXPLANATORY NOTES - continued

released in the next few days. These publications are available from any ABS Office.

Symbols and Other Usages

n.p. Not available for separate publication (but included in totals where applicable).

6. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

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1 June 1990

TABLE 1 - SAND, GRAVEL AND QUARRY PRODUCTION: QUANTITY AND VALUE (a), QUEENSLAND

Commodity	Year						Half year ended					
	1986-87		1987-88		1988-89		December 1988		June 1989		December 1989	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	'000 tonnes	'000	'000 tonnes	'000	'000 tonnes	'000	'000 tonnes	'000 tonnes	'000	'000 tonnes	'000 tonnes	'000
Sand and gravel production												
River or creek sand	5,020	28,802	5,778	37,043	5,890	42,454	3,092	21,946	2,799	20,508	3,547	27,756
Other sand (b)	1,118	4,331	1,252	4,840	1,080	3,901	572	1,955	507	1,946	576	2,326
Total sand	6,138	33,133	7,029	41,884	6,970	46,356	3,664	23,901	3,306	22,455	4,123	30,082
River or creek												
Gravel	2,439	18,330	2,638	20,701	3,611	31,299	1,469	14,341	2,142	16,958	1,595	15,714
Gravel and sand mixtures	533	2,180	673	3,216	636	2,836	395	1,781	241	1,055	188	871
Total gravel etc.	2,972	20,510	3,311	23,917	4,247	34,135	1,865	16,122	2,382	18,013	1,783	16,585
Total sand and gravel	9,110	53,643	10,340	65,801	11,217	80,491	5,529	40,023	5,689	40,468	5,906	46,667
Quarry production												
Non-crushed gravels (c)												
For road paving	4,576	11,361	4,751	13,828	4,397	13,155	2,384	6,811	2,012	6,344	1,748	5,490
For other uses	278	1,239	378	1,680	221	851	132	498	89	352	336	1,957
Total non-crushed gravels (c)	4,854	12,600	5,129	15,508	4,617	14,006	2,516	7,309	2,101	6,696	2,085	7,446
Crushed and broken stone												
For road paving	10,418	59,563	10,034	61,050	10,755	66,795	5,730	34,706	5,024	32,090	6,646	45,208
For other uses	5,407	38,994	6,249	47,310	7,352	52,526	3,633	26,848	3,719	25,677	4,774	33,159
Total crushed and broken stone	15,826	98,557	16,284	108,360	18,107	119,321	9,363	61,554	8,743	57,767	11,420	78,367
Other materials (d)	4,149	11,078	4,446	10,507	5,435	15,038	2,698	7,126	2,736	7,912	2,427	5,890
Total quarry	24,828	122,235	25,858	134,375	28,159	148,364	14,578	75,989	13,581	72,375	15,932	91,712
TOTAL PRODUCTION	33,939	175,879	36,198	200,176	39,376	228,855	20,107	116,012	19,269	112,843	21,838	138,379

(a) Values are reported generally as 'ex bin' (value at point of sale or usage, less transport costs). Values recorded by producer/users, however, might not represent 'commercial' value. (b) Marine, dune etc., excluding silica sand used for industrial purposes and mineral sands. (c) Including weathered or decomposed rock, ridge gravel and other non-river or creek gravel and sand mixtures. (d) Including dimension stone, loam, fill etc.

TABLE 2 - SAND, GRAVEL AND QUARRY PRODUCTION: QUANTITY AND VALUE (a), BRISBANE STATISTICAL DIVISION

Commodity	Year						Half year ended						
	1986-87		1987-88		1988-89		December 1988		June 1989		December 1989		
	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	
Sand and gravel production													
River or creek sand	2,477	17,973	3,199	23,747	}	(c)	(c)	(c)	(c)	(c)	(c)	(c)	
Other sand (b)	295	1,475	274	1,308									
Total sand	2,772	19,448	3,474	25,055									
River or creek Gravel Gravel and sand mixtures	}	(c)	(c)	(c)									(c)
Total gravel etc.		830	8,549	1,022									10,271
Total sand and gravel	3,601	27,997	4,495	35,326	5,096	45,832	2,694	23,765	2,402	22,067	2,722	27,970	
Quarry production													
Non-crushed gravels (d)													
For road paving	}	(c)	(c)	{ 282 75 }	{ 904 259 }	(c)	{ (c) (c) }	{ 54 34 }	{ 163 129 }	(c)	(c)	{ 71 38 }	{ 220 272 }
For other uses													
Total non-crushed gravels (d)	576	1,600	357	1,163	236	762	88	292	148	470	108	492	
Crushed and broken stone													
For road paving	3,166	14,803	2,539	13,728	2,534	14,967	1,401	8,002	1,133	6,965	1,569	9,454	
For other uses	961	8,735	957	6,930	906	7,543	496	3,930	410	3,613	405	3,572	
Total crushed and broken stone	4,127	23,538	3,496	20,659	3,440	22,510	1,897	11,932	1,543	10,578	1,974	13,026	
Other materials (c)	936	2,032	1,187	2,160	1,213	2,552	545	1,192	668	1,360	775	1,696	
Total quarry	5,638	27,170	5,039	23,981	4,889	25,824	2,530	13,416	2,359	12,408	2,857	15,214	
TOTAL PRODUCTION	9,240	55,167	9,535	59,307	9,985	71,656	5,224	37,180	4,761	34,475	5,579	43,184	

(a) Values are reported generally as "ex bin" (value at point of sale or usage, less transport costs). Values recorded by producer/users, however, might not represent "commercial" value. (b) Marine, dune etc., excluding silica sand used for industrial purposes and mineral sands. (c) Separate components confidential. (d) Including washed or decomposed rock, ridge gravel and other non-river or creek gravel and sand mixtures. (e) Including dimension stone, loam, fill etc.

TABLE 3 - SAND, GRAVEL AND QUARRY PRODUCTION: QUANTITY AND VALUE (a) IN STATISTICAL DIVISIONS AND SELECTED AREAS, QUEENSLAND, HALF YEAR ENDED 31 DECEMBER 1989

Locality	Sand and gravel production						Quarry production						Total			
	Sand		Gravel etc.		Total		Non-crushed gravel (b)		Crushed and broken stone		Other materials (c)				Total	
	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000	Quantity '000 tonnes	Value \$'000
Brisbane Statistical Division																
North of the Brisbane River	385	3,474	359	4,031	744	7,505	n.p.	n.p.	1,000	5,629	n.p.	n.p.	1,363	6,671	2,107	14,176
South of the Brisbane River	n.p.	n.p.	n.p.	n.p.	1,978	20,465	n.p.	n.p.	974	7,397	n.p.	n.p.	1,494	8,543	3,472	29,008
Total	n.p.	n.p.	n.p.	n.p.	2,722	27,970	108	492	1,974	13,026	775	1,696	2,857	15,214	5,579	43,184
Moreton Statistical Division																
Gold Coast City and Albert Shire (part)	n.p.	n.p.	n.p.	n.p.	643	5,362	127	573	1,871	16,669	322	1,199	2,319	18,442	2,962	23,804
Caloundra City and Maroochy and Noosa Shires	n.p.	n.p.	n.p.	n.p.	292	1,720	15	52	903	6,346	28	172	946	6,570	1,238	8,290
Remainder of Moreton Statistical Division	n.p.	n.p.	n.p.	n.p.	429	3,258	298	578	697	6,271	69	564	1,064	7,413	1,492	10,671
Total	909	6,000	454	4,340	1,363	10,340	440	1,204	3,471	29,287	418	1,935	4,299	32,425	5,692	42,765
Wide Bay-Burnett Statistical Division	229	997	115	724	344	1,721	202	821	559	3,480	32	209	793	4,510	1,137	6,231
Darling Downs Statistical Division	61	301	42	149	103	450	337	929	722	4,298	14	35	1,073	5,261	1,176	5,711
South-West Statistical Division	28	173	21	173	48	347	201	929	124	876	53	152	378	1,957	427	2,304
Central-West Statistical Division																
North-West Statistical Division	193	828	37	278	230	1,106	342	1,297	996	5,795	700	828	2,038	7,919	2,269	9,026
Fitzroy Statistical Division	154	581	87	427	240	1,008	181	461	753	5,671	15	47	949	6,180	1,189	7,187
Mackay Statistical Division	185	516	70	262	255	778	47	107	812	7,352	56	240	916	7,698	1,170	8,476
Northern Statistical Division	300	1,420	301	1,526	600	2,947	225	1,208	2,008	8,583	364	757	2,598	10,548	3,198	13,495
Far North Statistical Division																
Total Queensland	4,123	30,082	1,783	16,585	5,906	46,667	2,085	7,446	11,420	78,367	2,427	5,899	15,932	91,712	21,838	138,379

(a) Values are reported generally as 'ex bin' (value at point of sale or usage, less transport costs). Values recorded by producers/users, however, might not represent 'commercial' value. (b) Including weathered or decomposed rock, ridge gravel and other non-river or creek gravel and sand mixtures. (c) Including dimension stone, loam, fill etc.

