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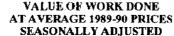
BUILDING ACTIVITY, SOUTH AUSTRALIA DECEMBER QUARTER 1995

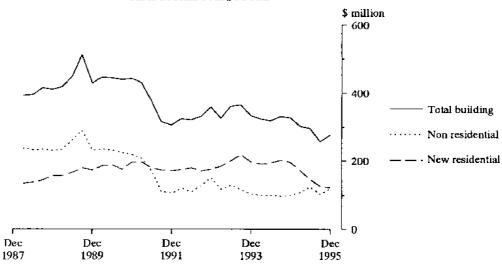
SUMMARY OF FINDINGS

Value of building work done at average 1989–90 prices, seasonally adjusted

	% chang	e on
	Sept. quarter 1995	Dec. quarter 1994
New residential building Alterations and additions	-3.2	-37.6
to residential buildings	16.5	11.2
Non-residential building	15.0	18.1
Total building	7.6	-15.7

- In seasonally adjusted average 1989–90 prices, the total value of building work done rose 7.6 % in the December quarter 1995 to \$275.8 million but is 15.7% down on the December quarter of 1994.
- Non-residential building rose this quarter by 15.0% to \$118.9 million. This compares with an 18.1% or \$18.2 million increase from the 1994 December Quarter.
- Work done on new residential building fell by 3.2% to \$122.1 million this quarter and is 37.6% down on the 1994 December quarter.
- New other residential building fell 15.8% this quarter to \$17 million. In comparison this is a 44.4% fall from the December 1994 quarter figure of \$30.6 million.





INQUIRIES

- for more information about statistics in this publication and the availability of related unpublished statistics, contact Rex Porter on Adelaide (08) 237 7496 or any ABS State Office.
- for information about other ABS statistics and services please contact Information Services on Adelaide (08) 237 7100, call at 55 Currie Street, Adelaide, or write to Information Services, ABS, GPO Box 2272, Adelaide SA 5001.

SUMMARY OF FINDINGS - continued

Value of building work commenced at average 1989-90 prices

	% chang	e on
	Sept. quarter 1995	Dec. quarter 1994
New residential building Alterations and additions	-5,0	-39.5
to residential buildings	16.1	6.9
Non-residential building	8.0	16.4
Total building	2.3	-19.1

- In average 1989-90 prices, the total value of all building work commenced during the quarter rose from last quarter by 2.3% to \$253.4 million, however it was still 19.1% down on the December quarter of the previous year.
- The value of building work commenced for non-residential building, grew by 8% to \$106.6 million. This is up 16.4% since the December 1994 quarter.
- New residential buildings fell this quarter by 5.0% and is 39.5% down on the December quarter 1994.

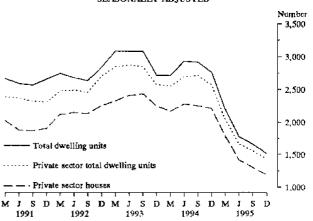
VALUE OF WORK COMMENCED AT AVERAGE 1989-90 PRICES \$ million 600 Total building Non residential 400 300 200 100 1991 1992 1993 1994 1995

Number of dwelling units commenced, seasonally adjusted

	% chang	re on
	Sept. quarter 1995	Dec. quarter 1994
Private sector houses	-9.0	-46.4
Private sector dwelling units	-7.8	-44.2
Total dwelling units	-8.8	-45.0

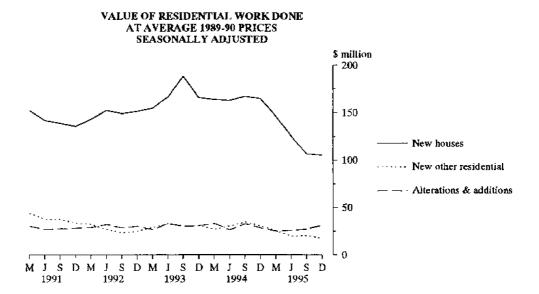
- In seasonally adjusted terms, the estimate of the total number of dwelling units commenced during the quarter continued its fall by 8.8% to 1.519.
- Within the private sector, house commencements continued to fall to 1,188, down 9% on the September quarter.
 Total dwelling unit commencements also fell 7.8% to 1.437.

NEW DWELLING UNITS COMMENCED SEASONALLY ADJUSTED

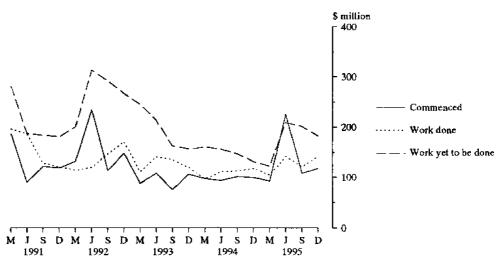


Original data

- The total value of all building work done during the December quarter 1995 rose by 9.2% to \$327.1 million. This was due to increases in work done in non-residential building, 16.5%, and residential alterations and additions, 26.4%.
- The total value of all building work commenced during the quarter increased by 2.0%. Compared to the December quarter last year the value of work done fell by 18.9% to \$285.8 million.
- The total number of dwelling units commenced fell by 11.5% to 1,557.
- Work yet to be done on jobs under construction at the end of the quarter was down 8.8% to \$307.9 million. This represents 0.94 times the work done during the period.



VALUE OF NON-RESIDENTIAL BUILDING



VALUE OF NON-RESIDENTIAL WORK DONE

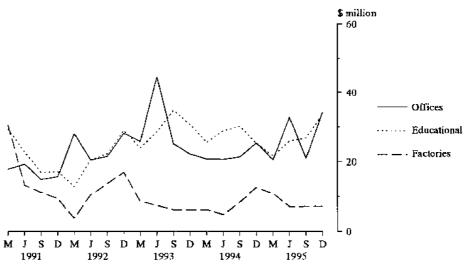


TABLE 1. SUMMARY OF BUILDING ACTIVITY, SOUTH AUSTRALIA

		~	New residential building	I building				.	 			Vah	Vahue (Sm)						
	Houses	te-	Other residential buildings	lential gs	Total	_	,					Non-reside	Non-residential building	Su,					
Period	Number of dwelling units	Value (3m)	Number of dwelling units	Vatue (3m)	Number of dwelling units	Value (\$m)	Alterations and and additions to residential buildings	Hotels etc.	Shops	Shops Factories	Offices	Other bustness premises	Educa- tional	Rell- gious	fa , Health	Enter- tainment and recrea- tional	Miscel- Ianeous	Total	Total building
							5	COMMENCED	8										
1992-93	9,416	685.3	2,219	130.9	11,635	816.2	122.4	5.4	53.8	22.9	8.66	53.4	117.6	6.1	50.3	13.5	35.8	458.7	1,397.2
1993-94	9,590	726.8	1,891	118.4	11,481	845.3	126.5	7.4	41.9	24.8	66.2	31.6	99.2	1.9	53.5	15.7	30.7	373.0	1,344.8
1994-95	8,210	0.729	1,525	108.4	9,735	765.5	125.3	6,4	70.1	31.1	129.0	71.6	133,8	3.6	26.9	21.7	25.8	518.5	1,409.3
1994 Sept. qtr	2,526	197.4	557	38.2	3,083	235.6	34.3	1.6	26.4	7.6	12.7	4.0	36.3	1.6	38	4.0	т. Т	8.101	371.7
Dec. qtr	2,435	193.2	309	27.9	2,834	221.1	31.8	0.8	7.5	11.7	30.9	13.5	12.9	1.4	8.9	6.4	7.5	5.0%	352.4
1995 Mar. qtr	1.735	140.3	329	27.6	 4.064	167.9	26.4	0.7	19.0	5.9	15.8	23.1	7.9	10	8.0	3.6	7.8	92.1	286.4
June qtr	1,512	126.1	240	14,7	1,752	140.9	32.8	1.9	17.2	99. 99.	9.69	30.3	76.6	0.5	8.2	7.6	4.7	225.1	398.8
Sept. qtr r	1,504	124.4	256	18.1	1,760	142.4	29.4	0.7	11.2	3.5	17.2	29.3	13.4	670	10.5	3.5	18.3	108.4	280.3
Dec. qtr	1,290	113.6	797	20.9	1,557	134.5	33.7	9.0	13.1	6.6	41.7	12.2	19.8	0.3	12.1	4.4	3.5	117.6	285.8
						5	UNDER CONSTRUCTION AT END OF PERIOD	SCTION A	VI END O	F PERIOD									
1992-93	3,563	289.5	1,162	74.9	4,725	364.4	56.4	3.7	12.8	32.5	75.1	53.6	141.8	5.3	95.5	13.7	545	498.6	919.3
1993-94	3,231	271.1	1,064	70.4	4,295	341.5	54.9	5.6	20.5	12.6	54.5	10.7	128.2	5.6	102.8	9.8	44.1	390.3	786.7
1994-95	2,301	215.7	564	43.2	2,865	258.9	52.5	3.3	45.2	12.3	71.7	28.0	142.6	4.2	18.7	14.1	26.7	366.9	678.3
1994 Sept. qtr	3,483	298.2	1,065	73.5	4,548	371.7	54.3	99. 90.	25.5	20.3	45.5	11.7	138.3	4.0	96.5	9.0	37.8	392.3	818.3
Dec. qtr	3,132	276.1	842	59.2	3,974	335.3	43.7	3.5	24.4	17.0	35.2	18.0	129.4	3.9	67.9	12.3	38.4	349.8	728.9
1995 Mar. qtr	2,867	262.7	765	59.6	3,632	322.3	48.7	3.6	37,7	14.5	41.9	28.0	118.9	4.0	6.91	10.7	38.2	314.3	685.3
June qtr	2,301	215.7	564	43.2	2,865	258.9	\$2.5	3.3	45.2	12.3	71.7	28.0	142.6	4.2	18.7	14.1	7.92	366.9	678.3
Sept. qtr r	2,245	211.2	536	41.6	2,781	252.8	51.7	1.7	37.8	7.9	9.89	4 5.	140,3	4.1	24,4	 ∞	30.0	367.4	671.9
Dec. qtr	2,067	201.8	474	35.9	2,541	237.7	50.0	1.5	11.8	11.6	86.8	4. 1.	145.3	3.1	31.4	0.6	20.7	365.3	653.0
								COMPLETED	ED										
1992-93	8,708	637.7	1,938	110.4	10,646	748.1		10.8	85.8	35.8	110.4	0.99	59.1	6.4	46.5	40.4	19.1	480.3	1,355.3
1993-94	9,903	750.4		126.0	11,877	876.5		5.4	35.7	4.0	93.6	77.2	119.3	5.0	50.4	20.9	55.7	509.1	1,517.5
1994-95	9,042	717.2	68.1	139.5	11,041	856.7	130:1	7.3	49.0	37.0	110.9	52.5	119.4	50	113.2	14.9	46.7	552.9	1,539.7
1994 Sept. qtr	2,266	172.6	554	36.1	2,820	208.7	36.3	3.3	21.5	1.2	21.8	3.6	25.3	0.2	10.3	1.7	13.1	102.0	347.0
Dec. qtr	2,745	215.4	909	43.0	3,345	258.4	43.0	=	6.8	18.9	38.7	7.7	21.7	1.5	35.6	3.7	8.9	14.7	446.1
1995 Mar. qtr	1.986	157.4		28.0	2,392	185.4		9.0	5.9	96 (C)	9.3	12.7	19.5	1	8.09	5.2	7.7	130.5	338.0
June qu	2,045	171.8		32.5	2,484	204.3		2.2	12.7	8.4	41.1	28.3	52.8	0.3	6.5	4.3	1.61	175.7	408.6
Sept. qtr r	1,559	131.4	284	20.7	1,843	152.0		2.4	21.0	9.4	19.5	13.6	16.5	1.2	8.4	6.6	14.8	113.2	296.5
Dec. qtr	1,453	126.9		26.5	1,782	153.5	31.7	9.0	39.5	6.5	23.6	13.5	18.1	1.1	5.2	3.7	13.1	125.0	316.1

TABLE 1. SUMMARY OF BUILDING ACTIVITY, SOUTH AUSTRALIA—continued

New residential building

Value (Sm)

	Danier		he of July and		Tarail							0		,					
Period	Number of dwelling units	Value (Sm)	Number of dwelling units	Value (3m)	Mumber of dwelling units	Value (Sm)	Alterations and additions to residential butldings	Hotels etc.	Shops F	Factories	Offices	Other business premises	Educa- áonal	Reit- gious	u Health	Enter- lainment and recrea- stonal	Miscel- laneous	Total	Total building
						NA.	VALUE OF WORK DONE DURING PERIOD	K DONE I	URING P	ERIOD									
1992-93		6.099	;	119.7	:	780.6	127.1	8.6	62.6	9'94	119.7	82.1	103.7	97	65.8	34.7	42.4	6.025	1,478.6
1993-94	;	746.4	:	129.8	:	876.3	132.0	6.9	41.5	23.4	988.6	42.3	119.7	4.3	82.7	17.9	34.7	462.1	1,470.4
1994-95	:	93.6	:	122.8	:	816.4	129.4	6'9	67.9	39.0	6'66	60.0	103.0	3.2	46.7	20.0	35.4	476.9	1,422.7
1994 Sept. qir	:	193.5	:	37.3	:	230.8	37.4	2.6	13.6	86 4.	21.3	6.2	30.2	1.2	17.1	4.3	7.00	113.5	381.8
Dec. qtr	:	195.7	:	35.7	;	231.4	35.6	6.0	12.5	12.7	25.4	12.2	25.2	8.0	14.6	4.1	9.4	117.8	384.7
1995 Mar. qtr	;	159.5	;	28.4	:	187.9	25.1	8.0	17.7	10.8	20.5	11.6	21.7	0.4	7.7	9.4	9.8	104.4	317.4
June qtr	;	144.8	:	21.5	;	166.3	31.2	2.6	19.2	7.1	32,8	30.0	25.9	8.0	7.3	7.1	7.8	141.3	338,8
Sept. qtr r	:	124.5	į	22.1	:	146.6	31.4	1.5	21.3	7.2	21.0	21.0	26.9	8.0	50 VC	6.1	10.1	121.7	299.6
Dec. qt	1	125.4	•	20.2	•	145.6	39.7	0.7	17.8	7.2	34.2	21.6	33.6	1.2	6 ,	5.2	11.4	141.8	327.1
							VALUE OF WORK YET TO BE DONE	VORK YET	TO BE DX	ONE									İ
1992-93	:	136.8	:	39.0	:	175.8	23.1	5.6	4.9	5.0	37.1	14.2	70.8	3.3	53.6	1.9	16.2	213.7	412.6
1993-94	:	124.9	:	31.1	:	156.0	21.9		8.9	6.5	23.7	6.5	57.6	1.2	28.5	6.1	16.7	156.3	334.1
1994-95	;	95.4	:	21.7	Ī	117.1	9707	1.3	17.9	3.7	51.9	16.5	88.1	9'1	11.0	6.5	10.6	209.1	346.8
1994 Sept. qtr	;	132.1	;	33.0	:	165.1	20.3	2.2	19.7	6.5	15.2	4.9	62.8	1.6	15.4	3.9	14.8	146.9	332.3
Dec. qrr	;	130.5	•	27.0	:	157.5	17.4	2.0	15.1	9.5	18.1	8.9	50.4	2.2	7.8	8.9	12.8	131,4	306.4
1995 Mar. qtr	:	115.1	:	27.0	:	142.1	19.3	1.9	16.8	4.7	13.7	17.9	37.7	1.9	10.0	5.9	11.8	122.2	283.6
June off	:	95.4	:	21.7	÷	117.1	20.6	1.3	17.9	3.7	51.9	16.5	88.1	1.6	11.0	6.5	10.6	209.1	346.8
Sept. qtr r	;	98.1	:	18.6	;	116.6	19.8	0.8	10.2	1.6	47.2	25.5	75.5	1.9	15.6	4.3	18.6	201.3	337.7
Dec. qtr	;	90.3	:	19.2	;	109.5	16.0	9.0	5.9	4.5	54.9	17.1	65.1	0.8	18.9	3.6	10.9	182.4	307.9

NOTE: The number of self-contained dwelling units commenced as part of the construction of non-residential building and alterations and additions to existing buildings (including conversions to dwelling units) are excluded from this table. There were 28 such dwelling units commenced in the December quarter 1995.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, SOUTH AUSTRALIA

		_	New residential building	building								Value	Value (Sm)						
	Houses	3-0	Other residential buddings	ential ts	Total		1					Non-residential building	ntial build	Sut,					
Period	Number of dwelling units	Vaiue (Sm)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (3m)	Alterations and and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educa- tional	Rell- grous	la Health	Enter- lainment and recrea- tional	Miscel- laneous	Total	Total building
							2	COMMENCED	6										
1992-93	9.122	668.6	1.759	100.8	10.881	778.4	119.7	5.2	41.6	19.6	33.5	36.1	19.3	6.1	25.3	7.0	6.11	205.5	1,103.6
1993-94	9.159	700.2	1.534	7.76	10,693	6.767	125.0	5.5	39.5	22.3	35.9	74.1	18.3	1.9	35.6	10.8	16.1	509.9	1,132.8
1994-95	7,745	625.4	1,339	0.86	9,084	723.4	122.2	4.6	66.3	25.6	36.2	59.3	17.4	3.6	16.2	11.3	11.2	251.6	1,097.2
1994 Sent oft	7.413	1904	4	31.9	2.855	222.3	33.9	νe.	26.3	7.0	4.	4) (4)	9.9	91	9;	1.7	0.7	57.0	313.2
Dec. qtr	2,303	184.8	367	26.0	2,670	210.8	30.7	0.8	7.3	6.9	10.1	12.6	22	 	3 7	5,3	1.3	52.8	294.3
1995 Mar. of	1.631	132.7	303	26.2	1.934	158.9	26.1	9.0	15.8	5.9	5.8	19.8	2.0	ī.0	F.6	1.3	4.5	55.6	240.5
June qtr	1,396	117.5	227	13.9	1,623	131.4	31.5	1.6	16.8	5.8	15.6	22.5	9'9	0.5	7.2	3.0	8.9	86.3	249.1
Sept. qtr r	1,398	6911	242	17.2	1,640	134.1	28.9	0.7	10.6	4.6 4.0	9.9	28.2	4.7	0.0	85 Y	1.9	2.8	69.5	232.5
Dec. qtr	1,237	109.4	252	19.8	1,489	129.2	33.6	970	13.0	o. Xi	33.6	4.2	4.	0.3	97/	3.7	6.1	83.6	246.4
						S	UNDER CONSTRUCTION AT END OF PERIOD	SCTION A	T END 0	F PERIOD									
1992-93	3,388	279.1	914	62.6	4,302	341.7	55.9	3.5	12.5	31.7	33.4	14.7	10.1	5.3	30.7	7,4	6'9	1.951	553.7
1993.94	3,033	259.2	834	56.8	3,867	316.0	54.0	5.6	20.5	12.6	18.4	9.2	10.5	7.6	26.1	6.1	6 5	126.4	486.4
1994-95	2,202	208.3	523	40.9	2,725	249.1	51.6	3.0	42.3	9.2	13.9	20.2	5.5	4.2	10.5	9.2	6+1	132.8	433.4
1994 Sept. atr	3.303	287.0	872	979	4,175	349.6	53.5	E.	25.4	19.7	63	11.2	13.0	4.0	21.5	30	15.9	125.5	528.6
Dec. of	2,993	267.6	704	51.9	3,697	319.5	43.2	3.5	24.3	11.6	9.3	17.7	5.9	3.9	15.6	7.7	16.2	115.5	478.3
1995 Mar. of	2.728	253.0	119	54.7	3.405	307.7	5.83	3.6	34.7	9.5	10.6	26.0	4.	4.0	8	6.8	15.4	122.7	478.9
June qtr	2,202	208.3	523	40.9	2,725	249.1	51.6	3.0	42.3	9.2	13.9	20.2	5.5	4.2	10.5	9.7	14.9	132.8	433.4
Sept. qtr r	2,129	203.4	515	40.3	2,644	243.7	51.4	1.7	36.8	7.9	7.1	37.6	11.2	4.1	13.6	m)	9.8	132.4	427.5
Dec. qtr	1,993	196.2	453	34.4	2.446	230.6	6.64	1.5	11.1	10.6	32.3	35.0	10.8	3.1	16.9	5.3	8.1	134.8	415.2
								COMPLETED	Ð										
1992-93	8,438	624.4	1,374	84.5	9.812	708.8	124.5	10.7	73.9	33.1	74.8	41.2	18.8	4.9	26.7	13.3	9.6	308.6	1.142.0
1993-94	9,495	725.4	1,599	106.5	11,094	831.9		3.3	32.9	40.8	59.2	29.2	17.9	5.0	41.3	12.1	8.2	249.9	1,212.6
1994-95	8,478	681.0	1,624	117.8	10,102	798.9	126.9	7.1	48.2	34.7	41.0	46.5	23.0	2.0	33.9	6.5	13.9	257.0	1,182.7
1994 Sept. qtr	2,135	165.0	402	27.0	2,537	192.0	35.8	3.3	21.4	1.2	16.9	<u>6</u>	4.1	0.2	7.2	1.0	2.6	60.2	288.0
Dec. qtr	2,572	204.1	513	37.5	3,085	241.6	41.6	Ξ	60 80	18.9	7.2	6.7	9.6	1.5	11.0	7.6	Ξ	68.3	351.5
1995 Mar. qtr	1,882	151.2	330	24.2	2,212	175.4		0.5	5.7	8.2	4.7	11.1	60 60	1	10.9	2.2	3.1	50.3	247.1
June qtr	1,889	160.8		29.1	2,268			2.2	12.3	6.4	12.3	26.4	5.5	0.3	4. 80	0.7	7.2	78.2	296.1
Sept. qtr r	1,470	124.4	250	18.8	1,720			2.2	18.4	5.8	15.7	11.6	1.9	1.2	0.7	7.7	0.0	73.9	247.3
Dec. gtr	865,1	120.5		9.67	7/01	7.04.7	6.16	0.0	39.5	4.0	ğ. I	12.9	4	=	यं	7:7	9.7	97.9	70997

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, SOUTH AUSTRALIA—continued

		'								50		111, SOLIII AUSI MALIA—COMBRIES	A COME	Milea					
		<	New residential building	l building		j						Valu	Value (Im)						
	Houses	[m	Other residential buildings	ential 25	Total	•	,					Non-residential building	retal build	ing.					
							Alterations									Enter-			
Period	Number of dwelling units	Vatue (Sm)	Number of dwelling units	Vaine (Sm)	Number of dweiting units	Value (3m)	ara additions to residential buildings	Hotels etc.	Shops F	Shops Factories	Offices	Other business premises	Educa- tional	Reti- gious	ta Health	tainment and recrea- tional	Miscel- laneous	Total	Total building
						۸۸	VALUE OF WORK DONE DURING PERIOD	K DONE	DURING PI	ERIOD									
1992-93	:	647.2	:	9.96	:	743.8	124.5	4.8	50.7	43.8	70.8	35.7	20.8	46	40.7	9 (1	20	0.00	
1993-94	:	719.1	:	109.7	:	828.9	130,7	8,	38.8	20.1	46.7	26.8	18.2	4	ž	12.0	9, 5	21.67	1,100.1
1994-95	:	659.6	Ī	106.5	;	766.1	126.6	6.7	60.09	33.7	42.0	53.4	19,4	3.5	24.2	11.1	17.9	271.6	1,1643
1994 Sept. qtr	:	185.6	;	730.7	:	215.3	37.1	2.6	13.4	80	11.7	بر 4	9	,	o	-	7	;	,
Dec. qtr	:	185.3	:	30.7	Ξ	216.0	34.1	0.9	12.4	11.4	6.5	11.1	5.2	0.8	0 20 4.	t. 5.	4 E.	63.0	313.1
1995 Mar. qtr	:	153.3	;	26.2	:	179.5	24.7	0.7	16.6	2,00	D.	D.	3.0	40	OF OF		C U	ç	
June qtr	:	135.3	:	20.0	:	155.3	30.7	2.4	17.6	, v.	15.0	7.77	e e	t ox	0 r	t s		77/6	5 .107
Sept. qtr r	:	117,9	:	20.9	:	138.8	30.2	1.3	20.1	6.5	10.0	18.6	1 4	? ×	4 C	# Y	- o	97.0	213.1
Dec. qtr	;	119.1	Ī	19.5	:	138.5	39.6	0.7	17.6	8.9	22,8	18.7	5.6	17	4.7	i wi	० च हिला	84.9	263.0
			:				VALUE OF WORK YET TO BE DONE	ORK YEI	TO BE DO	NE SE									
1992-93	:	130.1	;	32.9	:	163.0	22.9	2.4	4.6	4.2	12.6	×	10	11	-	-	7.7	1	
1993-94	:	118.9	:	24.2	:	143.1	21.5	3.3	8.9	5.9	10.3	5.7	6.4	2 1	12.1	1.4	0.4.01	0.65	720.7
1994-95	;	8.18	:	20.7	:	112.4	19.8	1.1	16.9	3.6	4.8	10.0	3.2	1.6	4.9	3.5	6.5	57.7	6.681
1994 Sept. qtr	:	127.0	:	27.4	-	154.4	661	2.2	19.7	9	4	F	ų V	7.1	V	ç	Ċ	i	,
Dec. qtr	:	127.3	:	24.5	:	151.8	17.3	2.0	15.0	5.4	7.0	F.9	2 2 2	2.2	2.9	6 8 6	4 F	64.5 57.0	235.8
1995 Mar. qtr	:	110.6	:	25.3	:	135,8	19.3	6.1	14.6	Гг	1.5	0.21	9	5	ņ	,			
June qtr	1	8.19	:	20.7	:	112.4	19.8	: T	16.9	3.6	- 00 11	10.0	3.7	<u>, 4</u>	4. 4	o 4	4. A	0.75 0.45	212.6
Sept. qfr r	:	93.5	:	18.0	:	111.5	19.7	8.0	8.6	9.1	3.7	20.4	7 7	? ?	, v	u c	7	31.1	6.681
Dec . qtт	:	87.9	:	18.2	:	106.1	16.0	9.0	5.6	3.9	14.2	12.0	5.4	5 80	10.6	1 C	1 C	28.8 58.0	190.1
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Mumber of wellings and welling buildings Total Alternations and Alternations and Alternations to additions to additions to additions to additions to additions to additions to addition l to additiona			, 2	New residential building	bullding			٠					Valu	Value (Sm)						
Number of Auctifing Palate Auctifing P				Other reside	ential	Total		! ! 					Non-residential building	ntial build	Ŝu;					
Amuber of Amuber of Amules	-	помзез	 	Ormanny Ormanny	.			Alterations								æ	Enter-			
134 16.7 460 21.1 754 34 357 20.8 788 465 31.6 186 10.4 651 4465 31.6 186 10.4 651 4465 31.6 186 10.4 651 4465 31.6 32.8 132 32.8 132 32.8 132 32.8 133 4.2 134 32 120 32.8	Period	Number of dwelling units	Value (3m)	Number of dwelling units	Value (8m)	Number of dwelling units	Value (3m)	addittons to residential buildings	Hotels etc.	Shops	Shops Factories	Offices	Other business premises	Educa- rional	Reli- gious	Health	and recrea- tional	Miscel- laneous	Total	Tota! building
113 26.7 357 20.8 788 4465 31.6 186 10.4 651 4465 31.6 186 10.4 651 4465 31.6 186 10.4 651 4465 31.6 186 10.4 651 4465 31.6 32.8 11.9 164 11.9 11.0								0	COMMENCED	ED										
431 26.7 35.7 20.8 788 4 465 31.6 186 10.4 651 4 113 7.0 115 63 228 1 114 8.6 13 1.9 164 119 116 8.6 13 0.8 129 116 8.6 13 0.8 129 1175 10.4 248 123 129 9.8 88 4.9 227 139 9.8 88 4.9 227 14 116 7.8 21 1.3 137 15 116 7.8 21 1.3 137 17 116 7.8 21 1.3 137 17 116 7.8 21 1.3 137 18 25.0 375 19.5 783 18 131 7.6 152 9.1 283 180 11.3 17.6 13.6 3.8 180 17 104 6.3 7.6 3.8 180 17 104 6.3 7.6 3.8 180 17 10 60 3.4 119 123	1992-93	294	16.7	460	21.1	754	37.8	2.7	0.3	12.2	3.4	6.99	17.3	98.4	:	25.0	6.5	23.9	253.3	293.7
465 31.6 186 10.4 651 4 113 7.0 115 6.3 228 1 132 8.4 32 1.9 164 1 104 7.6 26 1.4 130 116 8.6 13 0.8 129 116 8.6 13 0.8 120 53 4.2 15 1.1 68 175 10.4 2.48 12.3 4.23 2.2 198 11.9 2.30 13.6 4.28 2.2 199 7.4 41 2.3 140 139 9.8 8 4.9 2.77 1 139 9.8 8 4.9 2.27 1 199 7.4 41 2.3 140 139 9.8 8 4.9 2.27 1 140 7.8 21 1.3 137 160 7.4 41 2.3 140 170 13.4 5.6 21 1.5 9.5 170 13.4 5.6 21 1.5 9.5 170 1.3 7.6 1.5 9.1 <th>1993-94</th> <td>431</td> <td>26.7</td> <td>357</td> <td>20.8</td> <td>788</td> <td>47.4</td> <td>1.5</td> <td>1.9</td> <td>2,4</td> <td>2.5</td> <td>30.3</td> <td>7.5</td> <td>80.9</td> <td>!</td> <td>17.9</td> <td>9,4</td> <td>14.7</td> <td>163.1</td> <td>212.0</td>	1993-94	431	26.7	357	20.8	788	47.4	1.5	1.9	2,4	2.5	30.3	7.5	80.9	!	17.9	9,4	14.7	163.1	212.0
113 7,0 115 6.3 228 1 116 8.6 1.9 164 1 116 8.6 1.3 0.8 129 129 120 12	1994-95	465	31.6	186	10.4	651	42.1	3.2	6,4	89 89	5.5	92.8	12.3	116.4	I	10.7	10,4	14.6	266.9	312.1
132 8.4 32 1.9 164 1 116 1 126 126 126 126 13 0.8 129 126 126 13 0.8 129 126	1994 Sept. atr	113	7.0	115	6.3	228	13.3	6.4	I	0.1	9.0	8.1	0.3	29.7	!	1.2	2.3	2.5	8.4	58.5
104 7.6 26 1.4 130 116 8.6 13 0.8 129 116 8.6 13 0.8 129 1175 10.4 248 12.3 423 1180 11.2 193 10.9 373 119 9.8 88 4.9 227 110 7.8 21 1.3 137 110 7.6 13.4 564 25.9 834 11.3 17.6 152 9.1 283 11.3 17.6 152 9.1 283 11.3 17.6 152 9.1 283 11.3 17.6 152 9.1 283 11.3 17.6 153 180 11.3 17.6 153 180 11.3 17.6 153 180 11.3 17.6 153 180 11.3 17.6 13.8 256 34 216 11.5 89 7.0 34 11.3	Dec. qr	132	4.8	32	1.9	<u>\$</u>	10.3	1.1		0.1	4.9	20.7	6.0	10.8	I	2.0	1.2	6.1	1.94	58.1
T 116 8.6 13 0.8 129 53 4.2 14 0.8 120 53 4.2 15 1.1 68 1175 10.4 248 12.3 423 2 198 11.9 230 13.6 428 2 199 7.4 41 2.3 140 99 7.4 41 2.3 140 110 7.8 21 1.3 137 74 5.6 21 1.5 95 1131 7.6 152 9.1 283 1132 17.6 152 9.1 283 1133 17.6 152 9.1 283 1140 6.3 76 3.8 180 1156 11.0 60 3.4 216 1157 1151 1151 1151 1151 1151 1158 11.3 87 5.5 260	1005 Mar off	104	7.6	36	4.1	130	0.6	0.3	0.1	3.2	I	10.0	3,3	5.9	;	6.4	2.3	5.4	36.6	45.9
t. qur 106 75 14 0.8 120 t. qur 53 4.2 15 1.1 68 t. qur 175 10.4 248 12.3 423 2 t. qur 180 11.2 193 10.9 373 t. qur 139 9.8 88 4.9 227 e. qur 10, 11, 12 193 10, 137 t. qur 11, 12 193 10, 137 t. qur 12, 13, 13, 14, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13	Tane of	911	8.6	13	80	129	9.5	1.3	0.3	0.4	I	54.0	7.8	70.0	į	1.1	4.6	9.0	138.8	149.6
tr qir	Sept. qtr r	106	7.5	4	0.8	120	8.4	0.5		9.0	0.1	7.3	1.1	6.1	I	6.7	1.5	15.6	39.0	47.8
teque 175 10.4 248 12.3 423 2	Dec. qtr	53	4.2	15	1.1	3 2	5.3	0.1	-	0.1	1.0	8.1	2.8	15.2	I	4.5	0.7	1.6	34.0	39.3
Legir 198 11.9 230 12.3 423 22.7 0.5 198 11.9 230 13.6 428 25.5 0.9 99 7.4 41 2.3 140 9.8 11.0 0.8 11.0 13.0 13.0 13.0 14.0 9.8 11.0 13.0 13.0 14.0 13.0 14.0 14.0 15.7 0.5 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0							<u> </u>	JER CONSTR	UCTION A	T END O	F PERIOD									
teque (198 11.9 230 13.6 428 25.5 0.9 teque (180 11.2 193 16.9 373 22.1 0.8 teque (139 9.8 8.8 4.9 227 14.6 0.2 teque (198 11.6 7.8 21 1.3 137 9.1 0.3 teque (199 7.4 41 2.3 140 9.8 1.0 teque (199 7.6 13.4 56.4 25.9 1.0 teque (199 7.0 3.4 1.9 123 8.9 1.0 teque (199 7.0 3.4 1.9 1.3 1.0 teque (199 7.0 3.4 1.0 1.0 teque (199 7.0 3.	1992-93	175	10.4	248	12.3	423	22.7	0.5	0.2	0.3	8.0	41.7	38.9	131.8		8.49	63	57.6	342.5	365.7
eqr 180 11.2 193 169 373 22.1 0.8 r. qtr 180 11.2 193 169 373 22.1 0.8 r. qtr 139 9.8 84 138 7.3 277 15.7 0.8 equ 199 7.4 41 2.3 140 9.8 1.0 equ 99 7.4 41 2.3 140 9.8 1.0 equ 116 7.8 21 1.3 140 9.8 1.0 e. qtr 74 5.6 21 1.5 9.5 7.1 0.1 e. qtr 76 13.4 564 25.9 834 39.3 2.3 A08 25.0 375 19.5 783 44.6 1.1 A09 25.0 375 19.5 783 44.6 1.1 A01 36.2 375 21.7 939 57.9 3.1 A02 36.2 375 21.7 939 57.9 3.1 A03 10.0 3.4 216 144 0.5 A04 1.9 1.3 123 8.9 1.0 A10	1993-94	861	11.9	230	13.6	428	25.5	6.0	ļ	9.	I	36.1	1.5	117.7	ı	76.7	2.5	203	263.9	290.3
180 11.2 193 10.9 373 22.1 0.8 139 8.4 138 7.3 277 15.7 0.5 139 9.8 88 4.9 227 14.6 0.2 99 7.4 41 2.3 140 9.8 1.0 116 7.8 21 1.3 137 9.1 0.3 74 5.6 21 1.5 95 7.1 0.1 270 13.4 5.64 25.9 834 39.3 2.3 408 25.0 375 19.5 783 44.6 1.1 564 36.2 375 19.5 783 44.6 1.1 564 36.2 375 21.7 939 57.9 3.1 131 7.6 152 9.1 283 16.7 0.5 173 11.3 87 5.5 260 16.8 1.4 166 6.3 76 3.4 216 14.4 0.5 170 189 7.0 34 1.9 123 89 1.0	1994-95	66	7.4	41	2.3	5	8.6	1.0	67	3.0	3.1	57.8	7.8	137.1		8.2	6,4	11.8	234.1	244.8
139 9.8 84 138 73 277 15.7 0.5 139 9.8 88 4.9 227 14.6 0.2 99 7.4 41 2.3 140 9.8 1.0 116 7.8 21 1.3 137 9.1 0.3 74 5.6 21 1.5 95 7.1 0.1 270 13.4 5.6 25.9 834 39.3 2.3 408 25.0 375 19.5 783 44.6 1.1 564 36.2 375 21.7 939 57.9 3.1 131 7.6 152 9.1 283 16.7 0.5 173 11.3 87 5.5 260 16.8 1.4 166 6.3 76 3.8 180 10.0 0.6 156 11.0 60 3.4 216 14.4 0.5 170 11.0 11.0 11.0 11.0 11.0 11.0	1994 Sent atr	180	11.2	193	10.9	373	22.1	0.8	I	0.1	9.0	39.2	0.5	125.3	1	75.0	4.2	21.9	266.8	289.7
139 9,8 88 4,9 227 14,6 0,2 199 7,4 41 2,3 140 9,8 1.0 116 7,8 21 1,3 137 9,1 0,3 74 5,6 21 1,5 95 7,1 0,3 270 13,4 564 25,9 834 39,3 2,3 408 25,0 375 19,5 783 44,6 1,1 564 36,2 375 21,7 939 57,9 3,1 131 7,6 152 9,1 283 16,7 0,5 154 6,3 76 3,8 180 10,0 0,6 156 11,0 60 3,4 216 14,4 0,5 17 18 7,0 34 1,9 123 8,9 1,0 10 10 10 10 10 10 10	Dec. qir	139	8 0.4	138	7.3	277	15.7	0.5			5.5	25.9	0.3	123.5		52.3	4.6	22.2	234.3	250.6
116 7.8 41 2.3 140 9.8 1.0 116 7.8 21 1.3 137 9.1 0.3 27 13.4 5.6 21 1.5 95 7.1 0.1 270 13.4 564 25.9 834 39.3 2.3 408 25.0 375 19.5 783 44.6 1.1 564 36.2 375 21.7 939 57.9 3.1 131 7.6 152 9.1 283 16.7 0.5 173 11.3 87 5.5 260 16.8 1.4 164 6.3 7.6 3.4 216 14.4 0.5 156 11.0 60 3.4 216 14.4 0.5 17 89 7.0 34 1.9 123 89 1.0	1995 Mar. atr	139	90	88	4.9	722	14.6	0.2	ļ	3.0	5.1	31.3	2.0	114.7	İ	80.	3.9	22.8	9.161	206.5
Leger 116 7.8 21 1.3 137 9.1 0.3 c. qur 2.1 1.45 95 7.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0	June qtr	66	7.4	41	2.3	140	8.6	1.0	0.3	3.0	3.1	57.8	7.8	137.1		8.2	4.9	11.8	234.1	244.8
2. qtr 74 5.6 21 1.5 95 7.1 0.1 270 13.4 564 25.9 834 39.3 2.3 408 25.0 375 19.5 783 44.6 1.1 564 36.2 375 21.7 939 57.9 3.1 6. qtr 131 7.6 152 9.1 283 16.7 0.5 6. qtr 104 6.3 76 3.8 180 10.0 0.6 6. qtr 156 11.0 60 3.4 216 14.4 0.5 6. qtr 89 7.0 34 1.9 123 8.9 1.0	Sept. qtr r	116	7.8	21	1.3	137	9.1	0.3		1.0	0.1	61.5	6.9	129.1	I	10.8	4.2	21.4	235.0	244.5
270 13.4 564 25.9 834 39.3 2.3 44.6 11.1 564 36.2 25.9 834 39.3 2.3 2.3 44.6 11.1 564 36.2 31.7 939 57.9 31.1 131 7.6 152 9.1 283 16.7 0.5 c. qtr 173 11.3 87 5.5 260 16.8 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 11.0 60 3.4 216 14.4 0.5 c. qtr 156 14.4 0.5 c.	Dec. qtr	74	5.6	21	1.5	95	7.I	0.3	I	8.0	1.0	54.5	9.1	134.4	ì	14.5	3.7	12.6	230.5	237.7
270 13.4 564 25.9 834 39.3 408 25.0 375 19.5 783 44.6 564 36.2 375 21.7 939 57.9 c. qr. 131 7.6 152 9.1 283 16.7 t. qr. 104 6.3 76 3.8 180 10.0 t. qr. 156 11.0 60 3.4 216 14.4 t. qr. 89 7.0 34 1.9 123 8.9									COMPLETED	ED										
408 25,0 375 19,5 783 44.6 564 36,2 375 21,7 939 57.9 131 7,6 152 9.1 283 16.7 173 11,3 87 5.5 260 16.8 104 6,3 76 3.8 180 10.0 156 11,0 60 3,4 216 14.4 1 89 7,0 34 1.9 123 8.9	1992-93	270	13.4	564	25.9	834	39.3	2.3	0.2	11.9	2.7	35.6	24.8	40.2		8.61	27.1	9.5	171.7	213.2
564 36.2 375 21.7 939 57.9 131 7.6 152 9.1 283 16.7 173 11.3 87 5.5 260 16.8 104 6.3 76 3.8 180 10.0 156 11.0 60 3.4 216 14.4 1 89 7.0 34 1.9 123 8.9	1993-94	408	25.0		19.5	783	44.6	1.1	2.1	2.8	3,3	36.3	48.0	101.3	1	9.0	oc oc	47.4	259.1	304.8
131 7.6 152 9.1 283 16.7 173 11.3 87 5.5 260 16.8 104 6.3 76 3.8 180 10.0 156 11.0 60 3.4 216 14.4 r 89 7.0 34 1.9 123 8.9	1994-95	564	36.2		21.7	939	57.9	3.1	0.1	8.0	2.3	6.69	5.9	96.4]	79.3	æ 4.	32.8	295.9	356.9
173 11.3 87 5.5 260 16.8 104 6.3 76 3.8 180 10.0 156 11.0 60 3.4 216 14.4 r 89 7.0 34 1.9 123 8.9	1994 Sept. atr	131	7.6		9.1	283	16.7	0.5	-	0.1	ſ	5.0	1.3	21.2	1	3.1	9.0	10.5	41.8	59.0
104 6.3 76 3.8 180 10.0 156 11.0 60 3.4 216 14.4 r 89 7.0 34 1.9 123 8.9	Dec. qtr	173	11.3		5.5	260	16.8	4.1		0.2	1	31.5	1.1	12.1	I	24.6	1.2	5.7	76.4	94.6
156 11.0 60 3.4 216 14.4 r 89 7.0 34 1.9 123 8.9	1995 Mar. qtr	104	£		3.8	98 1	10.0		0.1	0.2	0.3	4.7	1.6	15.7	ì	50.0	3.0	4.7	80.2	6'06
89 7.0 34 1.9 123 8.9	June off	156	11.0		3.4	216	14.4		0.1	0.4		28.8	1.9	47.3	I	1.7	3.6	11.9	97.5	112.4
	Sept. qtr r	68	7.0		1.9	123	6.8		0.3	2.6	3.6	3.8	2.0	14.6	1	4.1	2.2	5.9	39.2	49.1
95 6.4 15 0.9 110 7.3	Dec. qtr	95	6.4		6:0	110	7.3	١	ŀ	0.4		15.5	0.7	13.2		0.8	2	10.5	42.4	20.1

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, SOUTH AUSTRALIA—continued

New residential building

Value (Sm)

				1															
	:		Other residential	ential	T. A. P.		! !					Non-residential building	ential bulk	gu _t					
	Houses		Desidengs	S.	i ordi											Freder			
							Alterations and								·	tainment			
	Number of dwelling	Value	Number of dwelling	Value	Number of dwelling	Value	additions to residential	Hotels	į		\$	Other	Educa-	Reli-	3	amd recrea-	Miscel-	ŀ	Total
Period	units	(Sm)	styluni	(2m)	wits	(2m)	buildings	efc.	Shops	Shops Factories	Offices	premises	Bondi	grous	пеант	Ronai	ameons	torat	Dunang
	:					/Λ	VALUE OF WORK DONE DURING PERIOD	RK DONE	DURING F	FRIOD									
1992-93	:	13.7	:	23.1	:	36.9	2.5	0.2	11.9	2.8	49.0	4.64	82.9	I	1.52	21.8	32.8	273.0	312.3
1993-94	:	27.3		20.1	:	47.4	1.4	2.1	2.7	3.2	41.9	15.6	101.5	I	47.2	5.9	24.3	244.4	293.2
1994-95	;	34.0	:	16.3	;	50.3	eci ci	0.2	2.8	5.3	58.0	9'9	83.5	I	22.5	0.6	17.5	205.3	258.4
1994 Sept. atr	:	7.9	:	97	:	15.5	0.3	I	0	0.1	9.6	0.8	24.2	i	8.3	2.4	4.2	8.64	65.6
Dec. qtr	;	10.4	:	5.0	:	15.4	1.4		0.1	1.2	18.8	1.1	20.0	1	6.2	1.7	5.7	54.8	71.6
1995 Mar atr	:	6.2	;	2.2	:	90 4	0.5	0.1	1.1	2.6	12.6	5. 4.	18.6	I	4.9	1.2	3.6	47.2	56.0
June atr	: ;	9.5	: :	1.5		11.0	9.0	0.1	1.5	1.3	16.9	2.3	20.6		3.1	3.7	9,6	53.5	65.1
Sept. qtr r	:	9.9	:	1.2	:	36; P	1.1	0.2	1.2	9.0	11.0	2.5	22.5	I	3.2	3.6	5.4	49.0	58.0
Dec. qtr	;	6.3	Ī	0.8	:	7.1	0.1	1	0.2	0.4	11.4	2.8	28.0	ļ	4.2	1.8	8.0	6.99	64.1
		1					VALUE OF WORK YET TO BE DONE	WORK YE	T TO BED	ONE									
1992-93	;	6.7	-	6.1	:	12.9	0.2	0.2	0.3	8.0	24.4	5.4	6.99		42.5	2.1	11.5	1.451	167.1
1993-94	:	9.9	;	6.9	;	12.9	0.4	:	ł	1	13.4	8.0	52.7	ļ	16.2	1.2	6.3	4.06	103.7
1994-95	:	3.7	:	1.0	:	4.7	0.8	0.2	1.0	0.1	47.0	6.5	84.9	I	4.6	3.0	4.1	151.4	156.8
1994 Sept. atr	;	5.0	:	5.6	:	10.7	0.5		I	0.5	11.8	0.2	57.3	١	93	1.1	5.3	\$5.4	96.5
Dec. qtr	:	3.1	:	2.5	:	5.7	0.2		İ	4.1	11.2	0.1	47.6	I	Ĉ.	1.0	5.6	74.5	80.3
1995 Mar. qir	:	4.5	:	1.7	:	6.2	I	I	2.1	1,4	8.6	0.9	35.9	I	6.5	2.1	7.7	* †	71.0
June off	:	3.7	:	1.0	:	4.7	9.0	0.2	1.0	0.1	47.0	6.5	84.9	1	4.6	3.0	4.1	151.4	156.8
Sept. qtr r	;	4.5	-	9.0	:	5.1		I	0.4	1	43.6	5.1	69.1		8.0	2.0	14.2	142.5	147.7
Dec. qir	:	2,4	2	1.0	:	e.	l	1	0.3	9.0	40.7	5.1	59.6		%	6.0	7.9	123.5	126.9

TABLE 4. NUMBER OF DWELLING UNITS BY STAGE OF CONSTRUCTION, SOUTH AUSTRALIA SEASONALLY ADJUSTED SERIES (a)

		House	es			Tota	l	
	Prive sect		Tota	al	Prive sect		Tot	al
Period	Commenced	Completed (b)	Commenced	Completed (b)	Commenced	Completed (b)	Commenced	Completed (b)
1994 Sept. qtr	2,254	n.a.	2.351	n.a.	2,718	n.a.	2,921	n.a.
Dec. qtr	2,216	n.a.	2,359	n.a.	2,577	n.a.	2,763	n.a.
1995 Mar. qtr	1,796	п.а.	1,914	n,a.	2,057	n. s.	2,203	n.a.
June qtr	1,423	n.a.	1,533	n.a.	1.670	n.a.	1,785	п.а.
Sept. qtr r	1,306	n.a.	1.400	n.a.	1,559	n.a.	1,666	n.a.
Dec. qtr	1,188	n.a.	1,248	n.a.	1.437	n.a.	1.519	n.a.

⁽a) Series have been revised due to annual re-analysis of seasonal adjustment factors. (b) Seasonally adjusted estimates for the number of dwelling units completed are suspended following strong evidence of a recent and sudden change to the seasonal pattern. Seasonally adjusted estimates will be reinstated as soon as the new seasonal pattern can be clearly identified.

TABLE 5. VALUE OF BUILDING WORK DONE, SOUTH AUSTRALIA SEASONALLY ADJUSTED SERIES (a)

			(\$ million	<u></u>			
	New re	esidential building		Alterations and	Non-residential bu	ilding	
Period	O Houses	ther residential buildings	Total	additions to residential buildings	Private sector	Total	Total bralding
1994 Sept. qtr	190.5	38.4	228.0	37.5	60.8	107.5	372.5
Dec. qtr	188.5	33.9	222.8	32.7	58.7	111.5	369.4
1995 Mar. qtr	168.5	28.1	196.8	28.9	65.9	119.4	342.6
June qtr	144.9	22.2	167.3	29.9	86.8	138.8	336.6
Sept. qtr r	122.5	22.7	144.7	31.4	69.1	116.1	291.8
Dec. qtr	120.8	19.2	140.1	36.4	79.2	134.0	314.0

⁽a) Series have been revised due to annual re-analysis of seasonal adjustment factors.

TABLE 6. VALUE OF BUILDING WORK COMMENCED, AT AVERAGE 1989-90 PRICES (a), SOUTH AUSTRALIA (\$ million)

	New residential building			Alterations and	Non-residential bu		
Period	Houses	ther residential buildings	Total	additions to — residential buildings	Private sector	Total	Total building
1992-93	644.9	122.4	767.3	115.7	193.2	431.2	1,314.2
1993-94	661.7	109.7	771.4	114.2	195.1	346.8	1,232.4
1994-95	572.1	98.7	670.8	109.1	231.0	475.5	1.255.4
1994 Sept. qtr	173.7	35.0	208.7	30.3	52.7	94.1	333.1
Dec. qtr	168.6	25.4	194.0	27.6	48.6	91.6	313.2
1995 Mar. qtr	121.1	25.1	146.2	22.8	51.0	84.5	253.5
June atr	108.7	13.2	121.9	28.4	78.7	205.3	355.6
Sept. qtr r	107.4	16.1	123.5	25.4	63.2	98.7	247.6
Dec. qu i	98.6	18.7	117.3	29.5	75.8	106.6	253.4

⁽a) See paragraphs 24 and 25 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

TABLE 7. VALUE OF BUILDING WORK DONE, AT AVERAGE 1989-90 PRICES (a). SOUTH AUSTRALIA ORIGINAL AND SEASONALLY ADJUSTED SERIES

			(\$ million)				
	New r	esidential building		Alterations and gdditions to	Non-residential bu	úlding	
Period	Houses	ther residential buildings	Total	residential buildings	Private sector	Total	Total building
			ORIGINAL	•			
1992-93	620.8	[10.4	731.2	119.4	274.1	525.3	1,375.9
1993-94	680.9	118.4	799.3	120.4	197.9	420.1	1,339.8
1994-95	604.5	110.8	715.3	112.8	244.7	429.7	1.257.8
1994 Sept. qtr	169.8	33.8	203.6	32.9	57.7	102.8	339.3
Dec. qtr	171.1	32.2	203.3	31.0	56.9	106.4	340.7
1995 Mar. qtr	138.4	25.6	164.0	21.8	51.5	94.0	279.8
June qtr	125.2	19.2	144.4	27.1	78.6	126.5	298.0
Sept. qtr r	108.1	19.7	127.8	27.2	64.7	108.3	263.3
Dec. qtr	109.0	17.9	126.9	34.5	75.3	125.8	287.2
		SEAS	ONALLY AD	JUSTED	···		
1994 Sept. qtr	167.2	34.8	201.1	33.0	55.0	97.3	331.1
Dec. qtr	164.8	30.6	195.8	28.5	53.1	100.7	327.1
1995 Mar. qtr	146.2	25.3	171.8	25.0	59.3	107.6	302.0
June qtr	125.3	19.8	145.3	25.9	77.7	124.3	296.1
Sept. qtr r	106.4	20.2	126.2	27.2	6 1.5	103.4	256.4
Dec. qtr	105.0	17.0	122.1	31.7	70.2	118.9	275.8

⁽a) See paragraphs 24 to 26 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

TABLE 8. NUMBER OF DWELLING UNITS BY OWNERSHIP, CLASS OF BUILDER AND STAGE OF CONSTRUCTION, SOUTH AUSTRALIA

			000111	<u>austral</u>	113					
	Priv	ate sector			Public sector			Total		
Houses		uses	Other		,	Other	·		Other residential	
Contractor- built	Other	Total	residential buildings	Total	Houses	huildings	Total	Houses	buildings	Tota
	<u> </u>		COM	MENCED						
7.502	1.630	0.122	1 759	10.881	294	460	754	9,416	2,219	11,635
·						357	788	9,590	1,891	11.481
						186	651	8,210	1,525	9,735
168.0	914	7,7-	1.7.7							
2.193	220	2,413	442	2,855	113	115				3,083
2,048	256	2,303	367	2.670	132	32	164	2,435	399	2,83
•			704	1.024	104	26	130	1.735	329	2,06-
										1,753
									256	1.760
									267	1,551
962								.		
	<u>U</u>	NDER C	ONSTRUCT	TON AT E	ND OF PI	ERIOD			<u>-</u>	
2 206	1.183	3.388	914	4,302	175	248	423	3,563	1,162	4.72
			834	3,867	198	230	428			4,29
1,363	838	2,202	523	2,725	99	41	140	2,301	564	2,86
2 206	906	3 303	872	4.175	180	193	373	3,483	1,065	4,54
	907	2,993	704	3,697	139	138	277	3,132	842	3,97
_,							227	2 967	765	3,63
1.813										2.86
1,363							-			2,78
1,331										2,54
1,199	795	1,993	453	2,446				2,007		24.7
			COM	PLETED					<u> </u>	
6 043	1 495	8 419	1.374	9,812	270	564	834	8,708	1,938	10,64
				11,094	408	375	783	9,903	1,974	11.87
7,463	1,015	8,478	1,624	10,102	564	375	939	9,042	1,999	11.04
		•					202	2266	55.4	2,82
1,864	271	2,135	402							2,82 3,34
2,311	2 6 1	2,572	513	3,085	173	8/	260	4,143	aut	44, د
1 441	3.41	1 997	330	2.212	104	76	180	1,986	406	2.39
					156	60	216	2,045	439	2.48
				•	89	34	123	1,559	284	1,84
					95	15	110	1,453	329	1,78
	7,502 8,041 6,831 2,193 2,048 1,358 1,231 1,224 962 2,206 2,053 1,363 2,396 2,086 1,813 1,363 1,331 1,199	### Touses Contractor-huilt	### Total Total	Contractor-built Other Total Coher residential buildings COMI 7,502 1,620 9,122 1,759 8,041 1,117 9,159 1,534 6,831 914 7,745 1,339 2,193 220 2,413 442 2,048 256 2,303 367 1,358 273 1,631 303 1,231 165 1,396 227 1,224 174 1,398 242 962 275 1,237 252 UNDER CONSTRUCT 2,206 1,183 3,388 914 2,053 980 3,033 872 2,069 907 2,993 704 1,813 915 2,728 677 1,363 838 2,202 523 1,331 798 2,129 515 1,199 795 1,993 453 COM	Houses	Houses Contractor-	Houses Other Comparison Other Presidential Houses Indidings Houses Commences Number Presidential Houses Indidings Number Presidential Houses Indidings Number India Houses India I	Houses	Houses	Houses

TABLE 9. NUMBER AND VALUE OF NEW HOUSES BUILT BY CONTRACT BUILDERS FOR PRIVATE OWNERSHIP, BY COMPLETION VALUE RANGE AND STAGE OF CONSTRUCTION SOUTH AUSTRALIA

		Comm		Under construction at end of period				Completed				
Period	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$4 0,000	\$40,000 to \$59,999	\$60,000 and over	Totai
					NUMBI	ER		-				
1992-93	261	2,430	4.811	7.502	31	564	1,611	2,206	282	2,358	4,303	6,943
1993-94	256	2.366	5,420	8,041	46	462	1,544	2.053	233	2,523	5,441	8,197
1994-95	220	1.428	5,183	6,831	21	258	1,085	1,363	273	1,552	5,639	7,463
1994 Sept. qtr	83	422	1,689	2,193	53	381	1,962	2.396	76	461	1,327	1.864
Dec. qtr	83	505	1,460	2,048	67	363	1,656	2,086	97	498	1.717	2,311
1995 Mar. qtг	34	254	1,070	1,358	21	292	1,500	1,813	81	345	1,216	1,641
June qtr	21	248	963	1,231	21	258	1,085	1,363	21	248	1,379	1,647
Sept. qtr r	20	282	922	1,224	14	203	1,115	1,331	20	364	878	1.263
Dec. qtr	27	138	797	962	27	155	1,016	1,199	14	172	908	1,093
					VALUE (\$m)					· • • • • • • • • • • • • • • • • • • •	
1992-93	8.7	123.5	413.2	545.5	1.0	29,0	150.7	180.8	9.5	119.3	372.7	501.4
1993-94	8.6	122.3	476.1	607.0	1.7	23.7	150.7	176.0	7.6	130.4	478.5	616.6
1994-95	7.0	73.3	470.4	550.8	0.7	13.1	120.5	134.3	9.0	79.8	508.7	597.6
1994 Sept. qtr	2.6	21.8	146.5	171.0	1.8	19.7	184.1	205.6	2.5	23.7	118.6	144.7
Dec. qtr	2.7	25.4	135.1	163.2	2.2	18.7	165.5	186.3	3.4	25.4	152.3	181.1
1995 Mar. qtr	1.0	13.2	98.1	112.3	0.7	14.6	155.6	170.9	2.4	18.3	112.0	132.8
June qtr	0.7	12.9	90.7	104.2	0.7	13.1	120.5	134.3	0.7	12.4	125.9	139.0
Sept. qtr r	0.8	14.6	88.4	103.7	0.5	10.4	122.2	133.1	0.7	18.9	87.4	107.0
Dec. qtr	0.9	7.0	78.8	86.8	0.9	8.0	116.5	125.4	0.4	8.6	87.9	97.0

TABLE 10. SUMMARY OF BUILDING ACTIVITY, SOUTH AUSTRALIA RELATIVE STANDARD ERRORS (PER CENT) DECEMBER QUARTER 1995

		Value				
Ownership and stage of construction	Houses Number	Value	Total Number of dwelling units	Vahue	Alterations and additions to residential buildings	Total
				ranie	maraings	halding
	PI	UVATE SECTO	·K			
Commenced	4.4	4.6	3.6	3.9	7.9	2.3
Under construction at end of period	4.4	4.2	3.6	3.5	7.9	2.2
Completed	5.5	5.7	4.5	4.7	9.2	2.9
Value of work done		3.9		3.3	6.6	2.0
Value of work yet to be done		5.0	**	4.2	10.0	2.6
	TOTAL PRIV	ATE AND PUBI	JC SECTORS			
Commenced	4.2	4.4	3.5	3.7	7.9	2.0
Under construction at end of period	4.2	4.0	3.4	3.4	7.9	1.4
Completed	5.2	5.4	4.2	4.5	9.1	2.4
Value of work done		3.7		3.2	6.6	1.6
Value of work yet to be done		4,9		4.0	10.0	1.5

EXPLANATORY NOTES

Introduction

This publication contains detailed results from the quarterly Building Activity Survey. Users should note that data for the latest quarter is subject to revision.

- 2. The statistics are compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. The quarterly survey consists of two components.
 - (a) A sample survey of private sector house building activity involving new house construction or alterations and additions valued at \$10,000 or more to houses.
 - (b) A complete enumeration of jobs involving construction of new residential buildings other than private sector houses, all alterations and additions to residential buildings (other than private sector houses) with an approval value of \$10,000 or more, and all non-residential building jobs with an approval value of \$50,000 or more.
- 3. Prior to the September quarter 1990, the cut-off for inclusion of non-residential building jobs (both new and alterations and additions) was \$30,000 or more and prior to the September quarter 1985 it was \$10,000 or more. Care should be taken in interpreting data for specific classes of non-residential building.
- 4. The use of sample survey techniques in the Building Activity Survey means that reliable estimates of private sector house building activity, including alterations and additions to houses, are available only at the State/Territory and Australia levels with the exception of the Northern Territory. However, dwelling unit commencement data for regions below State level are shown in the monthly series of dwelling unit commencements compiled by State offices of the ABS. Data from this series, unlike those compiled from the Building Activity Survey, are based on information reported by local and other government authorities.

Scope and coverage

- 5. The statistics relate to *building* activity which includes construction of new buildings and alterations and additions to existing buildings. Construction activity not defined as building (*e.g.* construction of roads, bridges, railways, earthworks, etc.) is excluded.
- Building jobs included in each quarter in the Building Activity Survey comprise those building jobs selected in previous quarters which have not been completed (or commenced) by the end of the previous quarter and those building jobs newly selected in the current quarter. The population list from which building jobs are selected for inclusion comprises all approved building jobs which were notified to the ABS up to but not including the last month of the reference quarter (e.g. up to the end of August in respect of the September quarter survey). This introduces a lag to the statistics in respect of those building jobs notified and commenced in the last month of the reference quarter (e.g. for the month of September in respect of the September quarter survey). For example, building jobs which were notified as approved in the month of June and which actually commenced in that month are shown as commencements in the September quarter. Similarly, building jobs which were notified in the month of September and which actually commenced in that month are shown as commencements in the December quarter.

Definitions

- 7. A building is defined as a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design, to satisfy its intended use, is the provision for regular access by persons.
- 8. A dwelling unit is defined as a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Units (whether self-contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in the appropriate category of non-residential building.
- 9. A residential building is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either houses or other residential buildings.
 - (a) A house is defined as a detached building predominantly used for long-term residential purposes and consisting of only one dwelling unit. Thus, detached 'granny flats' and detached dwelling units (such as caretakers' residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.
 - (b) An other residential building is defined as a building which is predominantly used for long-term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes townhouses, duplexes, apartment buildings, etc.).
- 10. The number of dwelling units created by alterations and additions to existing buildings, and through the construction of new non-residential buildings, is not included in the tables but is shown as a footnote to Table 1.
- 11. Commenced. A building job is regarded as commenced when the first physical building activity has been performed on site in the form of materials fixed in place and/or labour expended (this includes site preparation but excludes delivery of building materials, the drawing of plans and specifications and the construction of non-building infrastructures such as roads).
- 12. Under construction. A building job is regarded as being under construction at the end of a period if it has been commenced but has not been completed, and work on it has not been abandoned.
- 13. Completed. A building job is regarded as completed when building activity has progressed to the stage when the building can fulfil its intended function. In practice, the ABS regards buildings as completed when notified as such by respondents to the survey.

Valuation of building jobs

- 14. The value series in this publication are derived from estimates reported on survey returns as follows.
 - (a) Value of building commenced or under construction represents the anticipated completion value based, where practicable, on estimated market or contract price of building jobs excluding the value of land and landscaping. Site preparation costs are included. Where building jobs proceed over several quarters,

- the anticipated completion value reported on the return for the first (commencement) quarter may be amended on returns for subsequent (under construction) quarters as the job nears completion.
- (b) Value of building completed represents the actual completion value based, where practicable, on the market or contract price of building jobs including site preparation costs but excluding the value of land and landscaping.
- (c) Value of building work done during the period represents the estimated value of building work actually carried out during the quarter on building jobs which have commenced.
- (d) Value of building work yet to be done represents the difference between the anticipated completion value and the estimated value of work done up to the end of the period on building jobs commenced but not completed.

Building classification

- 15. Ownership. The ownership of a building is classified as either public sector or private sector according to the sector of the intended owner of the completed building as evident at the time of approval. Residential buildings being constructed by private sector builders under government housing authority schemes whereby the authority has contracted, or intends to contract, to purchase the buildings on or before completion, are classified as public sector.
- 16. Builder type. Houses are classified according to the type of builder as follows.
 - (a) Contractor-built houses are those constructed by a private recognised building contractor, either under contract, or in anticipation of sale or rental.
 - (b) Houses built by other than contract builders are those constructed by an owner (other than a recognised building contractor) or under the owner's direction, without the services of a single contractor responsible for the whole job. Houses built by businesses (other than recognised building contractors) and public sector organisations are also included in this category.
- 17. Functional classification of buildings. A building is classified according to its intended major function. Hence, a building which is ancillary to other buildings or forms a part of a group of related buildings is classified to the function of the building and not to the function of the group as a whole. An example of this can be seen in the treatment of building work approved for a factory complex. In this case a detached administration building would be classified to Offices, a detached cafeteria building to Shops, while factory buildings would be classified to Factories. An exception to this rule is the treatment of group accommodation buildings where, for example, a student accommodation building on a university campus would be classified to Educational.
- 18. Examples of the types of buildings included under each main functional heading are shown in the following list.
 - (a) Houses. Includes cottages, bungalows, detached caretakers'/managers' cottages, rectories.
 - (b) Other residential buildings. Includes blocks of flats, home units, attached townhouses, villa units, terrace houses, semi-detached houses, maisonettes.
 - (c) Hotels, etc. Includes motels, hostels, boarding houses, guesthouses, holiday apartment buildings.

- (d) Shops. Includes retail shops, restaurants, cafes, taverns, dry cleaners, laundromats, hair salons, shopping arcades.
- (e) Factories. Includes paper mills, oil refinery buildings, brickworks, foundries, powerhouses, manufacturing laboratories, workshops as part of a manufacturing process.
- (f) Offices. Includes banks, post offices, council chambers, head and regional offices.
- (g) Other business premises. Includes warehouses, storage depots, service stations, transport depots and terminals, electricity substation buildings, pumping station buildings, telephone exchanges, mail sorting centres, broadcasting stations, film studios.
- (h) Educational. Includes schools, colleges, kindergartens, libraries, museums, art galleries, research and teaching laboratories, theological colleges.
- (i) Religious. Includes churches, chapels, temples.
- (j) Health. Includes hospitals, nursing homes, surgeries, clinics, medical centres.
- (k) Entertainment and recreational. Includes clubs, theatres, cinemas, public halls, gymnasiums, grandstands, squash courts, sports and recreation centres.
- (1) Miscellaneous. Includes law courts, homes for the aged (where medical care is not provided as a normal service), orphanages, gaols, barracks, mine buildings, glasshouses, livestock sheds, shearing sheds, fruit and skin drying sheds, public toilets, and ambulance, fire and police stations.

Reliability of the estimates

- Since the figures for private sector house building activity (including alterations and additions) are derived from information obtained from a sample of approved building jobs, they are subject to sampling error, that is, they may differ from the figures that would have been obtained if information for all approved jobs for the relevant period had been included in the survey. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of approved jobs was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all approved jobs had been included and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the relative standard error, which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard errors of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in Table 10.
- 20. An example of the use of relative standard errors is as follows. Assume that the estimate of the number of new private sector houses commenced during the latest quarter is 2,000 (for actual estimate see Table 2) and that the associated relative standard error is 2.5 per cent (for actual percentage see Table 10). There would then be about two chances in three that the number which would have been obtained if information had been collected about all approved private sector house jobs would have been within the range 1,950 to 2,050 (2.5 per cent of 2,000 is 50) and about nineteen chances in twenty that the number would have been within the range 1,900 to 2,100.

21. The imprecision due to sampling variability, which is measured by the relative standard error, should not be confused with inaccuracies that may occur because of inadequacies in the source of building approval information, imperfections in reporting by respondents, and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as non-sampling error, and may occur in any enumeration whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by the careful design of questionnaires, efforts to obtain responses for all selected building jobs, and efficient operating procedures.

Seasonal adjustment

- 22. Seasonally adjusted building statistics are shown in Tables 4.5 and 7. In the seasonally adjusted series, account has been taken of normal seasonal factors and trading day effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the quarter) and the effect of the movement in the date of Easter which may, in successive years, affect figures for different quarters. In this publication (i.e. the December quarter issue) the seasonally adjusted series have been revised as a result of the annual re-analysis of seasonal factors. Further information about seasonal adjustment can be obtained from the Assistant Director of Time Series Analysis, Canberra, on (06) 252 6345.
- Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual quarter to quarter movements. Each of the component series shown has been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, the adjusted components may not add to the adjusted totals. Further, the difference between independently seasonally adjusted series does not necessarily produce series which are optimal or even adequate adjustments of the similarly derived original series. Thus the figures which can be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally adjusted total should not be used to represent scasonally adjusted public sector dwelling units.

Estimates at constant prices

24. Estimates of the value of commencements and work done at average 1989-90 prices are shown in Tables 6 and 7. Constant price estimates measure changes in value after the direct effects of price changes have been eliminated. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying

- the deflators compiled for the dwellings and non-dwelling construction components of the national accounts aggregate 'Gross fixed capital expenditure'.
- 25. Estimates at constant prices are subject to a number of approximations and assumptions. Further information on the nature and concepts of constant price estimates is contained in Chapter 4 of Australian National Accounts: Concepts, Sources and Methods (5216.0).
- 26. The factors used to seasonally adjust the constant price series are identical to those used to adjust the corresponding current price series.

Unpublished data and related publications

- 27. The ABS can also make available certain building approvals and activity data which are not published. Where it is not practicable to provide the required information by telephone, data can be provided in the following forms: microfiche, photocopy, computer printout, floppy disk and clerically extracted tabulation. Inquiries should be made to the contact shown at the front of this publication.
- 28. Users may also wish to refer to the following building and construction publications which are available on request:

Building Approvals, Australia (8731.0) – issued monthly Building Approvals, South Australia (8731.4) – issued monthly

Dwelling Unit Commencements Reported by Approving Authorities, South Australia (8741.4) – issued monthly Building Activity, Australia: Dwelling Unit Commencements, Preliminary (8750.0) – issued quarterly Building and Construction Activity, Australia (8754.0) – issued quarterly

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

Symbols and other usages

- .. not applicable
- nil or rounded to zero
- r figure or series revised since previous issue
- 30. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

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and Government Statist

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