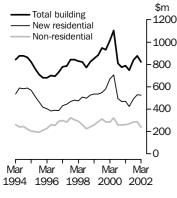


# **BUILDING ACTIVITY** WESTERN AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) TUES 30 JUL 2002

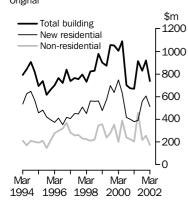
#### Value of work done Volume terms

Seasonally adjusted



### Value of work commenced

Volume terms Original



 For further information about these and related statistics, contact Tony Bammann on Adelaide 08 8237 7316, or the National Information and Referral Service on 1300 135 070.

#### MARCH FIGURES <u>Q T R</u> **KEY**

SEASONALLY ADJUSTED	Mar qtr 02	Dec qtr 01 to Mar qtr 02 % change	Mar qtr 01 to Mar qtr 02 % change
Value of work done(a) (\$m)	822.9	-6.3	4.3
New residential building (\$m)	525.4	-0.8	11.8
Alterations and additions(b) (\$m)	60.3	-0.8	7.7
Non-residential building (\$m)	237.2	-17.6	-9.8
Total dwelling units commenced (no.)	4 694	-7.6	39.3
New private sector houses (no.)	4 229	4.1	66.6
(a) Chain volume measures, reference year 1999–200	00. (b) To residential	buildings.	

#### MARCH OTR **KEY** POINTS

### VALUE OF WORK DONE, SEASONALLY ADJUSTED, VOLUME TERMS

- The seasonally adjusted estimate of total building work done fell 6.3% in the March quarter 2002 to \$822.9m.
- Work done on new residential buildings declined by a marginal 0.8% to \$525.4m. New other residential buildings fell 17.5% to \$82.4m and this fall was only partially offset by a 3.1% increase in work done on new houses to \$443.0m.
- Non-residential building work fell 17.6% to \$237.2m, the lowest level since the September quarter 1998.

### VALUE OF WORK COMMENCED, ORIGINAL, VOLUME TERMS

- Total building work commenced fell 20.0% in the March quarter to \$737.5m.
- New residential commencements fell 15.5% from the previous quarter's relatively high level to \$512.1m. New houses fell 8.5% from the fourth highest level on record to \$460.1m. New other residential buildings fell 49.5% to a four year low of \$51.9m. Although alterations and additions fell 17.1% to \$51.5m to be 37.9% below the level of a year earlier, the March quarter 2001 level was a record high.
- Non-residential commencements fell 31.6% to \$173.9m, the lowest level since the September quarter 1995.

### NUMBER OF DWELLING UNITS COMMENCED, SEASONALLY ADJUSTED

• In seasonally adjusted terms, the total number of dwellings commenced fell 7.6% in the March quarter to 4,694. New private sector houses rose 4.1% to 4,229, which was 66.6% more than the low of a year earlier.

### NOTES

FORTHCOMING ISSUES	ISSUE (Quarter)	RELEASE DATE				
	June 2002	24 October 2002				
	September 2002	31 January 2003				
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •				
ABOUT THIS ISSUE	in Building Activity, Western Australia (Ca	ect to revision when returns from the for the March quarter 2002 will be released				
DATA NOTES	Sampling in the Building Activity survey ha other residential building jobs (both new a with the March quarter 2002. See also Expl	and alterations and additions), commencing				
	<ul> <li>Information about ABS Building and Construction statistics and other related data is now available from the 'Building and Construction theme page' on the ABS website (g to the website at www.abs.gov.au, click on the 'Themes' button and then click on 'Building and Construction'). The theme page includes information about:</li> <li>the Building and Construction Program's major papers and publications (electronic and hardcopy) and contact details;</li> </ul>					
	<ul> <li>each of our major data collections and e construction statistics;</li> </ul>	examples of uses of building and				
	<ul> <li>issues of importance to providers and c</li> </ul>	lients, including publication timetables;				
	<ul> <li>help for providers, including contact de</li> </ul>	etails and the survey despatch timetables; and				
	<ul> <li>alternative sources of Australian buildin</li> </ul>	g and construction data.				

Colin Nagle Regional Director Western Australia

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	New re	sidential building		Alterations and	Non-residential b		
Period	Oi Houses	her residential building	Total	additions to — residential buildings	Private sector	Total	Total building
1998-1999	1,887.5	285.0	2,173.7	242.4	963.2	1,158.9	3,579.8
1999-2000	2,207.8	511.6	2,719.4	265.0	709.3	1,219.7	4,204.1
2000-2001	1,280.8	307.6	1,588.3	246.6	890.9	1,123.9	2,958.6
2000 Dec. qtr	336.5	64.2	400.7	50.6	170.4	224.3	675.6
2001 Mar. qtr	285.7	95.4	381.1	82.9	159.6	205.4	669.3
Jun qtr	325.4	64.7	390.1	65.7	396.5	457.3	913.0
Sep. qtr	468.3	91.4	559.7	52.4	177.1	216.1	828.2
Dec. qtr	502.8	103.0	605.8	62.1	169.4	254.4	922.2
2002 Mar. qtr	460.1	51.9	512.1	51.5	119.3	173.9	737.5

### TABLE 1. VALUE OF BUILDING WORK COMMENCED, CHAIN VOLUME MEASURES(a) (\$ million)

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 29 and 30 of the Explanatory Notes.

### TABLE 2. VALUE OF BUILDING WORK DONE, CHAIN VOLUME MEASURES(a) (\$ million)

			(\$ mmon	,			
	New re.	sidential building		Alterations and	Non-residential b	uilding	
Period	Ot Houses	Other residential Houses building		additions to — residential buildings	Private sector Total		Total building
			ORIGINA	L			
1998-1999	1,812.6	278.6	2,090.3	229.3	836.6	1,011.8	3,331.4
1999-2000	2,096.9	409.7	2,506.5	281.8	880.7	1,210.3	3,998.6
2000-2001	1,497.7	357.6	1,855.2	220.3	674.9	1,047.0	3,122.6
2000 Dec. qtr	393.1	393.1 88.2		56.0	159.5	261.1	798.4
2001 Mar. qtr	357.8	357.8 100.4		54.1	157.2	246.1	758.4
Jun qtr	336.6	88.8	425.3	59.9	198.4	270.1	755.4
Sep. qtr	396.0	91.2	487.1	59.9	216.7	296.3	843.4
Dec. qtr	445.9	100.5	546.4	65.5	223.1	290.6	902.6
2002 Mar. qtr	434.0	79.1	513.0	58.6	165.6	221.4	793.0
		SEA	SONALLY AI	DJUSTED			
2000 Dec. qtr	379.4	87.3	466.7	52.1	159.2	257.5	776.4
2001 Mar. qtr	365.4	104.5	469.9	56.0	170.5	263.1	789.0
Jun qtr	337.4	85.9	423.2	58.5	195.0	267.7	749.5
Sep. qtr	400.9	91.4	492.3	63.6	204.4	284.1	840.0
Dec. qtr	429.9	99.8	529.7	60.8	224.6	287.7	878.2
2002 Mar. qtr	443.0	82.4	525.4	60.3	181.0	237.2	822.9

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 29 to 31 of the Explanatory Notes.

TABLE 3. VALUE OF BUILDING WORK DONE(a):SEASONALLY ADJUSTED SE	RIES
(\$ million)	

	New re	sidential building		Alterations and	Non-residential bu	ilding	
Period	Ot Houses	her residential building	Total	additions to — residential buildings	Private sector	Total	Total building
2000 Dec. qtr	426.1	97.1	523.2	58.6	162.0	261.9	843.7
2001 Mar. qtr	409.8	116.7	526.6	62.8	173.7	267.6	857.0
Jun qtr	379.9	96.6	476.5	65.8	198.7	272.3	814.6
Sep. qtr	453.5	102.6	556.1	72.5	207.7	289.4	918.1
Dec. qtr	489.2	112.6	601.8	69.8	229.0	294.3	965.9
2002 Mar. qtr	507.0	94.0	601.0	69.6	185.9	244.3	914.9

(a) From the September quarter 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

### TABLE 4. NUMBER OF DWELLING UNITS COMMENCED AND COMPLETED: SEASONALLY ADJUSTED SERIES

		New hot	uses		Total dwelling units (includes conversions etc)					
Period	Private sector		Total		Privat		Total			
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed		
2000 Dec. qtr	2,713	3,976	2,875	n.a.	3,224	4,576	3,480	4,811		
2001 Mar. qtr	2,539	3,644	2,585	n.a.	3,161	4,255	3,370	4,435		
Jun qtr	2,656	2,844	2,700	n.a.	3,144	3,409	3,422	3,791		
Sep. qtr	3,846	3,084	3,827	n.a.	4,462	3,814	4,740	4,011		
Dec. qtr	4,062	3,350	4,264	n.a.	4,755	3,829	5,078	4,060		
2002 Mar. qtr	4,229	3,517	4,381	n.a.	4,439	3,803	4,694	4,056		

. . . . . . . . . . .

		Number of dwe	elling units		Value (\$m)							
Period	New houses	New other residential building	Con- versions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-resi- dential building	Tota building	
				PRI	VATE SE	CTOR						
1998-1999	15,383	1,982	92	17,457	1,722.5	231.6	1,954.1	221.5	2,175.6	939.2	3,114.8	
1999-2000	18,310	3,264	230	21,804	2,169.2	459.4	2,628.6	259.0	2,887.6	709.2	3,596.8	
2000-2001	10,590	1,967	234	12,793	1,403.8	272.8	1,676.6	250.0	1,926.6	899.4	2,826.0	
2000 Dec. qtr	2,832	527	18	3,378	364.0	62.9	426.9	55.1	482.0	171.2	653.2	
2001 Mar. qtr	2,298	576	114	2,988	317.6	98.1	415.6	75.7	491.3	160.9	652.2	
Jun qtr	2,686	376	47	3,110	361.2	52.7	413.9	68.9	482.7	402.2	885.0	
Sep. qtr	4,005	527	12	4,544	519.4	67.1	586.5	57.7	644.2	181.0	825.2	
Dec. qtr	4,242	738	4	4,984	555.0	106.3	661.3	68.1	729.4	174.8	904.2	
2002 Mar. qtr	3,821	369	8	4,198	517.5	48.3	565.8	57.5	623.3	124.3	747.6	
				PU	BLIC SEC	CTOR						
1998-1999	565	425	_	990	51.1	33.2	84.2	5.2	89.4	190.7	280.1	
1999-2000	340	652	36	1,028	38.6	52.2	90.9	5.9	96.8	510.5	607.2	
2000-2001	305	624	170	1,099	35.2	60.3	95.4	26.3	121.7	234.7	356.4	
2000 Dec. qtr	112	67	_	179	13.4	6.4	19.8	1.4	21.2	54.1	75.3	
2001 Mar. qtr	16	46	105	167	2.2	5.6	7.8	16.9	24.7	46.1	70.8	
Jun qtr	36	186	48	270	4.5	17.9	22.5	5.1	27.5	61.7	89.2	
Sep. qtr	106	350	1	457	11.7	33.2	44.8	1.9	46.8	39.9	86.6	
Dec. qtr	123	82	1	206	18.8	7.4	26.2	2.9	29.0	87.6	116.6	
2002 Mar. qtr	94	107	_	200	10.5	9.7	20.2	1.7	21.9	56.9	78.8	
					TOTAL	,						
1998-1999	15,948	2,407	92	18,447	1,773.6	264.7	2,038.4	226.7	2,265.0	1,129.9	3,394.9	
1999-2000	18,650	3,916	266	22,832	2,207.8	511.6	2,719.4	265.0	2,984.4	1,219.7	4,204.1	
2000-2001	10,895	2,591	404	13,892	1,439.0	333.1	1,772.1	276.2	2,048.3	1,134.2	3,182.4	
2000 Dec. qtr	2,944	594	18	3,557	377.4	69.3	446.7	56.5	503.2	225.3	728.6	
2001 Mar. qtr	2,314	622	219	3,155	319.8	103.7	423.5	92.6	516.0	207.0	723.1	
Jun qtr	2,722	562	95	3,380	365.7	70.6	436.3	73.9	510.3	463.9	974.2	
Sep. qtr	4,112	877	13	5,002	531.0	100.3	631.4	59.6	691.0	220.9	911.8	
Dec. qtr	4,365	820	5	5,190	573.8	113.7	687.5	71.0	758.4	262.4	1,020.8	
2002 Mar. qtr	3,914	476	8	4,398	528.0	58.0	586.0	59.2	645.2	181.2	826.4	

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

				(\$ mmon	)					
Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscel- laneous	Total non-resi- dential building
			PR	IVATE SEC	CTOR					
50.7	377.9	85.9	74.7	155.9	47.8	5.5	37.1	84.0	19.8	939.2
41.5		94.6	85.7							709.2
21.6	182.6	67.4	268.0	102.1	100.4	5.5	33.3	69.2	49.2	899.4
4.5	59.0	15.7	15.3	31.7	31.6	1.2	1.7	3.0	7.4	171.2
7.9	23.5	14.7	22.0	15.9	8.2	1.9	5.9	56.8	4.1	160.9
5.9	38.5	16.9	208.6	38.6	38.8	0.8	22.3	1.1	30.7	402.2
2.8	59.7	22.1	43.8	16.9	13.6	1.2	5.1	9.0	6.7	181.0
18.0	27.4	27.8	19.9	43.2	19.4	6.6	8.4	3.7	0.3	174.8
9.3	30.4	4.4	46.3	10.8	11.7	0.4	7.1	0.4	3.4	124.3
			PL	JBLIC SEC	TOR					
0.6	2.4	4.1	26.9	7.2	60.9	_	20.3	32.0	36.2	190.7
0.6	2.6	5.3	34.4	7.6	200.0	_	69.1	23.5	167.2	510.5
0.2	0.8	2.4	37.3	15.1	71.4	—	22.5	56.5	28.6	234.7
_	0.5	—	17.3	3.3	7.1	—	1.3	12.7	11.9	54.1
_	0.1	2.3	7.6	1.0	8.4	_	14.9	7.5	4.3	46.1
_	_	0.1	8.8	1.8	29.3	_	0.7	11.9	9.2	61.7
0.4	0.6	3.7	7.7	0.3	15.1	_	2.3	2.2	7.6	39.9
—	1.2	0.2	22.2	1.1	47.1	—	3.1	10.6	2.1	87.6
_	_	_	3.3	0.4	28.5	_	1.8	18.0	5.0	56.9
				TOTAL						
51.3	380.3	90.0	101.6	163.0	108.7	5.5	57.5	116.0	56.0	1,129.9
42.2	174.1	99.9	120.1	130.3	261.5	30.1	117.0	56.5	188.0	1,219.7
21.9	183.4	69.8	305.3	117.2	171.8	5.5	55.8	125.8	77.7	1,134.2
4.5	59.5	15.7	32.6	35.0	38.7	1.2	3.1	15.7	19.3	225.3
7.9	23.6	17.0	29.6	17.0	16.5	1.9	20.8	64.3	8.3	207.0
5.9	38.5	17.0	217.4	40.3	68.1	0.8	23.0	13.0	39.9	463.9
3.1	60.3	25.8	51.5	17.2	28.8	1.2	7.4	11.1	14.3	220.9
18.0	28.6	28.0	42.1	44.2	66.5	6.6	11.5	14.4	2.4	262.4
9.3	30.4	4.4	49.6	11.2	40.2	0.4	9.0	18.3	8.4	181.2
	etc. 50.7 41.5 21.6 4.5 7.9 5.9 2.8 18.0 9.3 0.6 0.6 0.2   0.4   0.4  51.3 42.2 21.9 4.5 7.9 5.9 3.1 18.0	etc.         Shops $50.7$ $377.9$ $41.5$ $171.5$ $21.6$ $182.6$ $4.5$ $59.0$ $7.9$ $23.5$ $5.9$ $38.5$ $2.8$ $59.7$ $18.0$ $27.4$ $9.3$ $30.4$ $0.6$ $2.4$ $0.6$ $2.6$ $0.2$ $0.8$ $ 0.5$ $ 0.1$ $ 0.5$ $ 0.1$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $ -1.2$ $-$	etc.         Shops         Factories $50.7$ $377.9$ $85.9$ $41.5$ $171.5$ $94.6$ $21.6$ $182.6$ $67.4$ $4.5$ $59.0$ $15.7$ $7.9$ $23.5$ $14.7$ $5.9$ $38.5$ $16.9$ $2.8$ $59.7$ $22.1$ $18.0$ $27.4$ $27.8$ $9.3$ $30.4$ $4.4$ $ 0.5$ $  0.1$ $2.3$ $0.2$ $0.8$ $2.4$ $ 0.5$ $  0.1$ $2.3$ $0.2$ $0.8$ $2.4$ $ 0.1$ $2.3$ $ 0.1$ $2.3$ $ 0.1$ $2.3$ $    0.1$ $2.3$ $ 0.2$ $    -$ <td>etc.         Shops         Factories         Offices           <math>PR</math> <math>50.7</math> <math>377.9</math> <math>85.9</math> <math>74.7</math> <math>41.5</math> <math>171.5</math> <math>94.6</math> <math>85.7</math> <math>21.6</math> <math>182.6</math> <math>67.4</math> <math>268.0</math> <math>4.5</math> <math>59.0</math> <math>15.7</math> <math>15.3</math> <math>7.9</math> <math>23.5</math> <math>14.7</math> <math>22.0</math> <math>5.9</math> <math>38.5</math> <math>16.9</math> <math>208.6</math> <math>2.8</math> <math>59.7</math> <math>22.1</math> <math>43.8</math> <math>18.0</math> <math>27.4</math> <math>27.8</math> <math>19.9</math> <math>9.3</math> <math>30.4</math> <math>4.4</math> <math>46.3</math>           PL           <math>0.6</math> <math>2.4</math> <math>4.1</math> <math>26.9</math> <math>0.6</math> <math>2.6</math> <math>5.3</math> <math>34.4</math> <math>0.2</math> <math>0.8</math> <math>2.4</math> <math>37.3</math> <math> 0.5</math> <math> 17.3</math> <math> 0.1</math> <math>2.3</math> <math>7.6</math> <math>  0.1</math> <math>8.8</math> <math>0.4</math> <math>0.6</math> <math>3.7</math> <math>7.7</math> <math>-</math></td> <td>Hotels etc.ShopsFactoriesOfficesOther business premises50.7377.985.974.7155.941.5171.594.685.7122.621.6182.667.4268.0102.14.559.015.715.331.77.923.514.722.015.95.938.516.9208.638.62.859.722.143.810.89.330.44.446.310.8PUBLIC SEC0.62.44.126.97.20.62.65.334.47.60.20.82.437.315.1-0.5-17.33.3-0.12.37.61.0-0.12.37.61.0-0.12.37.70.3-1.20.222.21.13.30.4TOTALTOTAL51.3380.390.0101.6163.042.2174.199.9120.1130.321.9183.469.8305.3117.24.559.515.732.635.07.923.617.029.617.05.938.517.0217.440.33.160.325.851.517.218.028.628.042.144.2<td>Hotels etc.         Shops         Factories         Offices         Other business premises         Educational           50.7         377.9         85.9         74.7         155.9         47.8           41.5         171.5         94.6         85.7         122.6         61.5           21.6         182.6         67.4         268.0         102.1         100.4           4.5         59.0         15.7         15.3         31.7         31.6           7.9         23.5         14.7         22.0         15.9         8.2           5.9         38.5         16.9         208.6         38.6         38.8           2.8         59.7         22.1         43.8         16.9         13.6           18.0         27.4         27.8         19.9         43.2         19.4           9.3         30.4         4.4         46.3         10.8         11.7           9.1         0.6         2.6         5.3         34.4         7.6         200.0           0.2         0.8         2.4         37.3         15.1         71.4           -         0.1         2.3         7.6         1.0         8.4           -</td><td>Hotels etc.         Shops         Factories         Offices         Other premises         Educational         Religious           50.7         <math>377.9</math> <math>85.9</math> <math>74.7</math> <math>155.9</math> <math>47.8</math> <math>5.5</math>           41.5         <math>171.5</math> <math>94.6</math> <math>85.7</math> <math>122.6</math> <math>61.5</math> <math>30.1</math>           21.6         <math>182.6</math> <math>67.4</math> <math>268.0</math> <math>102.1</math> <math>100.4</math> <math>5.5</math> <math>4.5</math> <math>59.0</math> <math>15.7</math> <math>15.3</math> <math>31.7</math> <math>31.6</math> <math>1.2</math> <math>7.9</math> <math>23.5</math> <math>14.7</math> <math>22.0</math> <math>15.9</math> <math>8.2</math> <math>1.9</math> <math>5.9</math> <math>38.5</math> <math>16.9</math> <math>208.6</math> <math>38.6</math> <math>38.8</math> <math>0.12</math> <math>18.0</math> <math>27.4</math> <math>27.8</math> <math>19.9</math> <math>43.2</math> <math>19.4</math> <math>66.6</math> <math>9.3</math> <math>30.4</math> <math>4.4</math> <math>46.3</math> <math>10.8</math> <math>11.7</math> <math>0.4</math> <math> 0.5</math> <math> 17.3</math> <math>3.3</math> <math>7.1</math> <math> 0.6</math> <math>2.4</math> <math>4.1</math> <math>26.9</math> <math>7.2</math> <math>60.9</math> <math>-</math></td><td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td><td>Hotels etc.         Shops         Factories         Offices         Disiness premises         Educational         Religious         Entertain- ment and Health recreational           50.7         377.9         85.9         74.7         155.9         47.8         5.5         37.1         84.0           41.5         171.5         94.6         85.7         122.6         61.5         30.1         47.9         33.0           21.6         182.6         67.4         268.0         102.1         100.4         5.5         33.3         69.2           4.5         59.0         15.7         15.3         31.7         31.6         1.2         1.7         3.0           7.9         23.5         14.7         22.0         15.9         8.2         1.9         5.9         5.8           5.9         38.5         16.9         208.6         38.6         38.8         0.8         22.3         1.1           2.8         59.7         22.1         43.8         16.9         13.6         1.2         5.1         9.0           18.0         27.4         27.8         19.9         43.2         19.4         6.6         8.4         3.7           0.6         2.4<td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td></td></td>	etc.         Shops         Factories         Offices $PR$ $50.7$ $377.9$ $85.9$ $74.7$ $41.5$ $171.5$ $94.6$ $85.7$ $21.6$ $182.6$ $67.4$ $268.0$ $4.5$ $59.0$ $15.7$ $15.3$ $7.9$ $23.5$ $14.7$ $22.0$ $5.9$ $38.5$ $16.9$ $208.6$ $2.8$ $59.7$ $22.1$ $43.8$ $18.0$ $27.4$ $27.8$ $19.9$ $9.3$ $30.4$ $4.4$ $46.3$ PL $0.6$ $2.4$ $4.1$ $26.9$ $0.6$ $2.6$ $5.3$ $34.4$ $0.2$ $0.8$ $2.4$ $37.3$ $ 0.5$ $ 17.3$ $ 0.1$ $2.3$ $7.6$ $  0.1$ $8.8$ $0.4$ $0.6$ $3.7$ $7.7$ $-$	Hotels etc.ShopsFactoriesOfficesOther business premises50.7377.985.974.7155.941.5171.594.685.7122.621.6182.667.4268.0102.14.559.015.715.331.77.923.514.722.015.95.938.516.9208.638.62.859.722.143.810.89.330.44.446.310.8PUBLIC SEC0.62.44.126.97.20.62.65.334.47.60.20.82.437.315.1-0.5-17.33.3-0.12.37.61.0-0.12.37.61.0-0.12.37.70.3-1.20.222.21.13.30.4TOTALTOTAL51.3380.390.0101.6163.042.2174.199.9120.1130.321.9183.469.8305.3117.24.559.515.732.635.07.923.617.029.617.05.938.517.0217.440.33.160.325.851.517.218.028.628.042.144.2 <td>Hotels etc.         Shops         Factories         Offices         Other business premises         Educational           50.7         377.9         85.9         74.7         155.9         47.8           41.5         171.5         94.6         85.7         122.6         61.5           21.6         182.6         67.4         268.0         102.1         100.4           4.5         59.0         15.7         15.3         31.7         31.6           7.9         23.5         14.7         22.0         15.9         8.2           5.9         38.5         16.9         208.6         38.6         38.8           2.8         59.7         22.1         43.8         16.9         13.6           18.0         27.4         27.8         19.9         43.2         19.4           9.3         30.4         4.4         46.3         10.8         11.7           9.1         0.6         2.6         5.3         34.4         7.6         200.0           0.2         0.8         2.4         37.3         15.1         71.4           -         0.1         2.3         7.6         1.0         8.4           -</td> <td>Hotels etc.         Shops         Factories         Offices         Other premises         Educational         Religious           50.7         <math>377.9</math> <math>85.9</math> <math>74.7</math> <math>155.9</math> <math>47.8</math> <math>5.5</math>           41.5         <math>171.5</math> <math>94.6</math> <math>85.7</math> <math>122.6</math> <math>61.5</math> <math>30.1</math>           21.6         <math>182.6</math> <math>67.4</math> <math>268.0</math> <math>102.1</math> <math>100.4</math> <math>5.5</math> <math>4.5</math> <math>59.0</math> <math>15.7</math> <math>15.3</math> <math>31.7</math> <math>31.6</math> <math>1.2</math> <math>7.9</math> <math>23.5</math> <math>14.7</math> <math>22.0</math> <math>15.9</math> <math>8.2</math> <math>1.9</math> <math>5.9</math> <math>38.5</math> <math>16.9</math> <math>208.6</math> <math>38.6</math> <math>38.8</math> <math>0.12</math> <math>18.0</math> <math>27.4</math> <math>27.8</math> <math>19.9</math> <math>43.2</math> <math>19.4</math> <math>66.6</math> <math>9.3</math> <math>30.4</math> <math>4.4</math> <math>46.3</math> <math>10.8</math> <math>11.7</math> <math>0.4</math> <math> 0.5</math> <math> 17.3</math> <math>3.3</math> <math>7.1</math> <math> 0.6</math> <math>2.4</math> <math>4.1</math> <math>26.9</math> <math>7.2</math> <math>60.9</math> <math>-</math></td> <td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td> <td>Hotels etc.         Shops         Factories         Offices         Disiness premises         Educational         Religious         Entertain- ment and Health recreational           50.7         377.9         85.9         74.7         155.9         47.8         5.5         37.1         84.0           41.5         171.5         94.6         85.7         122.6         61.5         30.1         47.9         33.0           21.6         182.6         67.4         268.0         102.1         100.4         5.5         33.3         69.2           4.5         59.0         15.7         15.3         31.7         31.6         1.2         1.7         3.0           7.9         23.5         14.7         22.0         15.9         8.2         1.9         5.9         5.8           5.9         38.5         16.9         208.6         38.6         38.8         0.8         22.3         1.1           2.8         59.7         22.1         43.8         16.9         13.6         1.2         5.1         9.0           18.0         27.4         27.8         19.9         43.2         19.4         6.6         8.4         3.7           0.6         2.4<td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td></td>	Hotels etc.         Shops         Factories         Offices         Other business premises         Educational           50.7         377.9         85.9         74.7         155.9         47.8           41.5         171.5         94.6         85.7         122.6         61.5           21.6         182.6         67.4         268.0         102.1         100.4           4.5         59.0         15.7         15.3         31.7         31.6           7.9         23.5         14.7         22.0         15.9         8.2           5.9         38.5         16.9         208.6         38.6         38.8           2.8         59.7         22.1         43.8         16.9         13.6           18.0         27.4         27.8         19.9         43.2         19.4           9.3         30.4         4.4         46.3         10.8         11.7           9.1         0.6         2.6         5.3         34.4         7.6         200.0           0.2         0.8         2.4         37.3         15.1         71.4           -         0.1         2.3         7.6         1.0         8.4           -	Hotels etc.         Shops         Factories         Offices         Other premises         Educational         Religious           50.7 $377.9$ $85.9$ $74.7$ $155.9$ $47.8$ $5.5$ 41.5 $171.5$ $94.6$ $85.7$ $122.6$ $61.5$ $30.1$ 21.6 $182.6$ $67.4$ $268.0$ $102.1$ $100.4$ $5.5$ $4.5$ $59.0$ $15.7$ $15.3$ $31.7$ $31.6$ $1.2$ $7.9$ $23.5$ $14.7$ $22.0$ $15.9$ $8.2$ $1.9$ $5.9$ $38.5$ $16.9$ $208.6$ $38.6$ $38.8$ $0.12$ $18.0$ $27.4$ $27.8$ $19.9$ $43.2$ $19.4$ $66.6$ $9.3$ $30.4$ $4.4$ $46.3$ $10.8$ $11.7$ $0.4$ $ 0.5$ $ 17.3$ $3.3$ $7.1$ $ 0.6$ $2.4$ $4.1$ $26.9$ $7.2$ $60.9$ $-$	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Hotels etc.         Shops         Factories         Offices         Disiness premises         Educational         Religious         Entertain- ment and Health recreational           50.7         377.9         85.9         74.7         155.9         47.8         5.5         37.1         84.0           41.5         171.5         94.6         85.7         122.6         61.5         30.1         47.9         33.0           21.6         182.6         67.4         268.0         102.1         100.4         5.5         33.3         69.2           4.5         59.0         15.7         15.3         31.7         31.6         1.2         1.7         3.0           7.9         23.5         14.7         22.0         15.9         8.2         1.9         5.9         5.8           5.9         38.5         16.9         208.6         38.6         38.8         0.8         22.3         1.1           2.8         59.7         22.1         43.8         16.9         13.6         1.2         5.1         9.0           18.0         27.4         27.8         19.9         43.2         19.4         6.6         8.4         3.7           0.6         2.4 <td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td>	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $

#### TABLE 6. VALUE OF NON-RESIDENTIAL BUILDING COMMENCED: ORIGINAL (\$ million)

		Number of dwo	elling units		Value (\$m)							
Period	New houses	New other residential building	Con- versions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-resi- dential building	Tota building	
				PRI	VATE SE	CTOR						
1998-1999	6,300	1,307	59	7,666	860.2	178.0	1,038.2	110.0	1,148.2	622.6	1,770.8	
1999-2000	8,285	2,240	122	10,647	1,175.2	373.8	1,548.9	110.2	1,659.1	447.7	2,106.8	
2000-2001	4,597	1,963	180	6,740	757.2	417.7	1,175.0	124.7	1,299.6	616.0	1,915.6	
2000 Dec. qtr	6,098	2,058	130	8,286	962.5	365.5	1,328.0	107.4	1,435.4	364.0	1,799.4	
2001 Mar. qtr	4,910	2,055	200	7,165	824.8	407.0	1,231.8	132.7	1,364.4	378.3	1,742.7	
Jun qtr	4,597	1,963	180	6,740	757.2	417.7	1,175.0	124.7	1,299.6	616.0	1,915.6	
Sep. qtr	5,642	1,837	163	7,642	871.2	362.7	1,233.9	122.5	1,356.4	672.0	2,028.4	
Dec. qtr	6,322	2,056	139	8,516	977.1	417.8	1,394.9	135.7	1,530.5	633.0	2,163.5	
2002 Mar. qtr	6,806	2,135	130	9,071	1,075.0	421.1	1,496.1	141.6	1,637.7	564.7	2,202.5	
				PU	BLIC SEC	TOR						
1998-1999	187	304	_	491	17.7	20.7	38.4	2.4	40.8	137.1	177.9	
1999-2000	90	410	10	510	11.1	37.9	49.0	2.1	51.1	433.4	484.5	
2000-2001	59	315	153	527	8.1	31.0	39.0	21.9	60.9	279.4	340.3	
2000 Dec. qtr	158	482	_	640	19.1	43.2	62.2	1.6	63.9	433.6	497.5	
2001 Mar. qtr	100	385	105	590	12.0	36.0	48.0	18.4	66.5	365.2	431.6	
Jun qtr	59	315	153	527	8.1	31.0	39.0	21.9	60.9	279.4	340.3	
Sep. qtr	94	549	150	793	10.3	52.1	62.4	21.2	83.5	275.1	358.7	
Dec. qtr	142	415	153	710	19.3	39.0	58.3	22.2	80.5	302.3	382.8	
2002 Mar. qtr	166	326	150	642	17.7	30.8	48.5	22.4	70.9	234.3	305.2	
					TOTAL							
1998-1999	6,487	1,611	59	8,157	877.9	198.8	1,076.6	112.5	1,189.1	759.7	1,948.8	
1999-2000	8,375	2,650	132	11,157	1,186.3	411.6	1,597.9	112.3	1,710.2	881.1	2,591.3	
2000-2001	4,656	2,278	333	7,266	765.3	448.7	1,214.0	146.5	1,360.5	895.4	2,256.0	
2000 Dec. qtr	6,256	2,540	130	8,926	981.5	408.7	1,390.2	109.0	1,499.2	797.6	2,296.8	
2001 Mar. qtr	5,010	2,440	305	7,755	836.8	443.0	1,279.8	151.1	1,430.9	743.4	2,174.4	
Jun qtr	4,656	2,278	333	7,266	765.3	448.7	1,214.0	146.5	1,360.5	895.4	2,256.0	
Sep. qtr	5,737	2,386	313	8,436	881.5	414.8	1,296.2	143.7	1,439.9	947.1	2,387.1	
Dec. qtr	6,463	2,471	292	9,226	996.3	456.8	1,453.2	157.9	1,611.0	935.3	2,546.4	
2002 Mar. qtr	6,972	2,461	280	9,713	1,092.7	451.9	1,544.7	164.0	1,708.6	799.0	2,507.6	

### TABLE 7. NUMBER AND VALUE OF BUILDING UNDER CONSTRUCTION AT END OF PERIOD(a): ORIGINAL

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

# TABLE 8. VALUE OF NON-RESIDENTIAL BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL (\$ million)

Period	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscel- laneous	Total non-resi- dential building
				PR	IVATE SE	CTOR					
1998-1999	58.0	290.7	42.9	38.0	68.5	15.9	3.8	29.5	58.9	16.4	622.6
1999-2000	23.9	164.8	43.4	47.8	50.5	29.4	22.7	36.8	17.9	10.5	447.7
2000-2001	14.9	101.1	26.7	220.3	51.2	75.6	3.5	29.8	57.6	35.4	616.0
2000 Dec. qtr	12.6	121.7	30.3	30.3	36.7	64.3	12.7	26.2	13.2	16.0	364.0
2001 Mar. qtr	16.2	117.0	26.7	29.3	31.7	41.1	14.2	23.8	63.5	14.7	378.3
Jun gtr	14.9	101.1	26.7	220.3	51.2	75.6	3.5	29.8	57.6	35.4	616.0
Sep. qtr	12.2	113.2	41.8	244.5	36.5	86.7	3.5	32.8	60.2	40.7	672.0
Dec. qtr	21.8	103.5	48.0	229.9	48.0	63.9	8.6	37.8	38.9	32.4	633.0
2002 Mar. qtr	29.3	81.4	39.3	261.6	28.6	44.0	6.8	40.5	5.9	27.3	564.7
				PU	JBLIC SEG	CTOR					
1998-1999	_	0.1	0.3	16.9	4.8	46.3	_	17.6	26.7	24.5	137.1
1999-2000	_	_	4.7	22.6	6.5	161.5	_	64.7	17.6	155.7	433.4
2000-2001	—	—	2.5	33.6	4.9	73.3	—	52.5	41.0	71.5	279.4
2000 Dec. qtr	_	0.2	1.9	37.7	5.3	143.3	_	55.6	35.5	154.2	433.6
2001 Mar. qtr	_	_	4.0	26.8	4.3	76.9	_	64.7	42.2	146.3	365.2
Jun qtr	_	_	2.5	33.6	4.9	73.3	_	52.5	41.0	71.5	279.4
Sep. qtr	0.4	_	6.1	35.4	0.1	79.8	_	50.4	42.2	60.6	275.1
Dec. qtr	0.4	0.3	0.1	53.9	0.9	116.4	—	48.5	27.0	54.8	302.3
2002 Mar. qtr	_	_	_	36.3	0.9	110.6	_	42.8	29.0	14.7	234.3
					TOTAL	-					
1998-1999	58.0	290.8	43.2	54.9	73.3	62.2	3.8	47.1	85.6	40.8	759.7
1999-2000	23.9	164.8	48.1	70.4	57.1	190.9	22.7	101.6	35.5	166.1	881.1
2000-2001	14.9	101.1	29.2	254.0	56.1	148.9	3.5	82.3	98.7	106.9	895.4
2000 Dec. qtr	12.6	121.9	32.2	68.0	42.0	207.6	12.7	81.7	48.8	170.1	797.6
2001 Mar. qtr	16.2	117.0	30.6	56.1	36.0	118.1	14.2	88.5	105.7	161.0	743.4
Jun qtr	14.9	101.1	29.2	254.0	56.1	148.9	3.5	82.3	98.7	106.9	895.4
Sep. qtr	12.6	113.2	47.9	279.9	36.6	166.5	3.5	83.2	102.4	101.3	947.1
Dec. qtr	22.2	103.9	48.0	283.8	48.9	180.3	8.6	86.3	66.0	87.3	935.3
2002 Mar. qtr	29.3	81.4	39.3	297.9	29.5	154.6	6.8	83.3	34.9	42.1	799.0

### TABLE 9. NUMBER AND VALUE OF BUILDING COMPLETED(a): ORIGINAL

		Number of dwe	elling units					Value (\$m)			
Period	New houses	New other residential building	Con- versions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-resi- dential building	Tota building
				PRI	VATE SE	CTOR					
1998-1999	14,764	1,876	134	16,774	1,606.7	208.6	1,815.4	196.6	2,011.9	737.8	2,749.8
1999-2000	16,284	2,312	167	18,763	1,871.2	279.7	2,150.9	266.3	2,417.2	926.2	3,343.4
2000-2001	14,179	2,234	164	16,577	1,825.5	272.1	2,097.6	244.2	2,341.8	733.3	3,075.1
2000 Dec. qtr	4,185	653	41	4,879	535.2	80.5	615.7	67.7	683.4	163.5	846.9
2001 Mar. qtr	3,447	575	43	4,065	452.4	61.4	513.7	52.0	565.8	144.5	710.2
Jun qtr	2,969	469	59	3,497	425.3	57.9	483.2	77.0	560.2	173.7	733.9
Sep. qtr	2,946	651	29	3,626	411.0	129.3	540.3	60.5	600.8	141.9	742.6
Dec. qtr	3,524	535	24	4,083	453.3	57.8	511.1	58.1	569.2	217.7	786.9
2002 Mar. qtr	3,336	290	16	3,642	426.8	45.7	472.5	52.2	524.7	177.8	702.5
				PU	BLIC SEC	TOR					
1998-1999	542	477	_	1,019	47.8	29.7	77.4	3.9	81.3	247.3	328.6
1999-2000	436	513	26	975	45.0	36.0	81.0	6.1	87.1	219.2	306.3
2000-2001	334	698	27	1,059	38.3	67.1	105.5	7.0	112.4	388.0	500.4
2000 Dec. qtr	118	173	15	306	13.1	21.8	34.9	1.7	36.6	99.9	136.5
2001 Mar. qtr	74	125	_	199	9.2	10.7	19.9	0.2	20.1	118.1	138.1
Jun qtr	75	256	_	331	8.3	23.2	31.4	1.7	33.1	145.8	179.0
Sep. qtr	71	110	4	185	9.4	11.5	21.0	2.3	23.3	44.4	67.7
Dec. qtr	76	213	1	290	9.9	20.0	29.9	2.1	32.0	63.2	95.1
2002 Mar. qtr	69	196	3	268	12.1	17.8	29.9	1.5	31.4	127.4	158.8
					TOTAL						
1998-1999	15,306	2,353	134	17,793	1,654.5	238.3	1,892.8	200.5	2,093.3	985.1	3,078.4
1999-2000	16,720	2,825	193	19,738	1,916.2	315.7	2,231.9	272.4	2,504.3	1,145.5	3,649.8
2000-2001	14,513	2,932	191	17,636	1,863.8	339.2	2,203.1	251.1	2,454.2	1,121.3	3,575.5
2000 Dec. qtr	4,303	826	56	5,185	548.3	102.3	650.6	69.4	720.0	263.4	983.4
2001 Mar. qtr	3,521	700	43	4,264	461.5	72.1	533.6	52.2	585.8	262.5	848.4
Jun qtr	3,044	725	59	3,828	433.5	81.1	514.6	78.7	593.3	319.5	912.9
Sep. qtr	3,017	761	33	3,811	420.4	140.8	561.2	62.8	624.1	186.3	810.3
Dec. qtr	3,600	748	25	4,373	463.2	77.8	540.9	60.2	601.2	280.8	882.0
2002 Mar. qtr	3,405	486	19	3,910	438.9	63.5	502.4	53.7	556.1	305.2	861.3

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

# TABLE 10. VALUE OF NON-RESIDENTIAL BUILDING COMPLETED: ORIGINAL (\$ million)

					(\$ mmoi	1)					
Period	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscel- laneous	Total non-resi- dential building
				PR	IVATE SE	CTOR					
1998-1999	44.8	177.1	78.6	73.0	150.9	44.1	5.2	94.2	48.6	21.4	737.8
1999-2000	82.0	315.4	97.9	78.8	144.4	49.1	11.7	42.8	77.2	26.9	926.2
2000-2001	29.8	256.5	84.7	93.0	99.9	52.3	25.2	39.6	27.0	25.4	733.3
2000 Dec. qtr	3.5	39.6	18.2	28.5	40.4	8.0	5.0	9.9	6.8	3.7	163.5
2001 Mar. qtr	4.6	27.5	19.1	22.8	21.1	28.7	0.4	7.8	6.2	6.2	144.5
Jun qtr	7.1	59.3	18.1	18.0	19.8	5.8	11.6	16.5	7.3	10.1	173.7
Sep. qtr	5.9	48.1	7.9	25.9	31.9	5.6	1.2	2.2	6.8	6.4	141.9
Dec. qtr	7.2	47.8	22.4	30.9	24.9	43.2	1.3	3.4	25.7	10.8	217.7
2002 Mar. qtr	1.9	52.7	15.3	17.0	14.8	32.2	2.0	4.7	28.8	8.5	177.8
				PI	JBLIC SEC	TOR					
1998-1999	1.3	2.3	3.8	38.2	5.2	65.9	_	70.5	43.0	17.1	247.3
1999-2000	0.6	2.8	0.9	29.3	6.2	88.9	_	20.8	31.2	38.6	219.2
2000-2001	0.2	0.8	4.7	26.8	16.5	162.6	—	32.3	32.1	112.1	388.0
2000 Dec. qtr	0.2	0.5	—	2.1	12.4	45.0	—	10.0	16.9	12.9	99.9
2001 Mar. qtr	_	0.3	0.2	19.5	2.4	75.5	_	6.1	2.2	11.9	118.1
Jun qtr	_	_	1.7	1.9	1.1	33.9	_	10.9	12.0	84.3	145.8
Sep. qtr	_	0.6	0.1	6.1	5.1	7.8	_	5.0		18.9	44.4
Dec. qtr	—	0.9	6.4	3.8	0.3	11.5	—	5.2	25.9	9.3	63.2
2002 Mar. qtr	0.4	0.3	0.1	21.2	0.5	37.5	_	6.8	15.2	45.4	127.4
					TOTAL						
1998-1999	46.1	179.4	82.3	111.2	156.1	110.0	5.2	164.7	91.6	38.5	985.1
1999-2000	82.6	318.1	98.8	108.1	150.6	138.0	11.7	63.6	108.4	65.5	1,145.5
2000-2001	30.0	257.2	89.4	119.8	116.3	214.9	25.2	71.9	59.1	137.5	1,121.3
2000 Dec. qtr	3.7	40.0	18.2	30.6	52.7	52.9	5.0	19.9	23.7	16.6	263.4
2001 Mar. qtr	4.6	27.8	19.3	42.3	23.5	104.2	0.4	13.9	8.4	18.1	262.5
Jun qtr	7.1	59.3	19.9	19.9	20.9	39.7	11.6	27.4	19.3	94.5	319.5
Sep. qtr	5.9	48.8	8.0	32.0	37.0	13.3	1.2	7.2		25.3	186.3
Dec. qtr	7.2	48.8	28.8	34.8	25.1	54.7	1.3	8.6	51.5	20.1	280.8
2002 Mar. qtr	2.3	53.0	15.3	38.2	15.2	69.7	2.0	11.5	44.0	53.9	305.2
2002 Mar. qtr	2.3	53.0	15.3	38.2	15.2	69.7	2.0	11.5	44.0	53.9	

### TABLE 11. VALUE OF BUILDING WORK DONE(a): ORIGINAL (\$ million)

			(\$ 1111101	)			
				Alterations and			
		New	N7	additions	Terel	Total	
	New	other residential	New residential	to residential	Total residential	non-resi- dential	Total
Period	houses	building	building	buildings	building	building	building
			PRIVATE SE	CTOR			
1998-1999	1,646.7	233.8	1,880.5	211.1	2,091.5	815.7	2,907.3
1999-2000	2,055.8	362.1	2,417.9	275.0	2,692.9	880.7	3,573.5
2000-2001	1,645.5	336.9	1,982.4	240.5	2,222.9	686.1	2,909.0
2000 Dec. qtr	428.6	77.2	505.8	61.6	567.4	162.3	729.7
2001 Mar. qtr	392.5	99.7	492.2	59.7	551.9	159.8	711.7
Jun qtr	372.0	87.8	459.9	65.6	525.4	201.7	727.1
Sep. qtr	440.1	82.7	522.8	65.0	587.7	221.2	808.9
Dec. qtr	491.6	93.6	585.3	72.1	657.4	228.5	885.8
2002 Mar. qtr	485.7	77.0	562.6	64.7	627.3	170.8	798.2
			PUBLIC SEC	TOR			
1998-1999	50.9	31.3	82.2	4.4	86.6	170.0	256.7
1999-2000	41.0	47.7	88.7	6.8	95.5	329.6	425.1
2000-2001	39.3	61.9	101.2	7.3	108.5	378.3	486.7
2000 Dec. qtr	12.9	20.6	33.5	1.3	34.8	103.3	138.1
2001 Mar. qtr	8.8	12.3	21.1	1.0	22.1	90.4	112.5
Jun qtr	7.0	11.8	18.8	1.9	20.7	72.9	93.6
Sep. qtr	7.6	19.8	27.4	3.0	30.4	81.0	111.4
Dec. qtr	15.6	19.9	35.5	2.7	38.2	69.1	107.2
2002 Mar. qtr	10.7	13.3	24.0	2.6	26.6	57.4	84.1
			TOTAL				
1998-1999	1,697.6	265.0	1,962.7	215.5	2,178.2	985.8	3,164.0
1999-2000	2,096.8	409.7	2,506.5	281.8	2,788.3	1,210.3	3,998.6
2000-2001	1,684.8	398.8	2,083.6	247.8	2,331.4	1,064.4	3,395.8
2000 Dec. qtr	441.5	97.9	539.3	62.9	602.3	265.5	867.8
2001 Mar. qtr	401.3	112.0	513.3	60.7	574.0	250.3	824.2
Jun qtr	379.0	99.7	478.7	67.4	546.1	274.6	820.7
Sep. qtr	447.7	102.4	550.1	68.0	618.1	302.2	920.3
Dec. qtr	507.2	113.5	620.7	74.8	695.5	297.6	993.1
2002 Mar. qtr	496.4	90.2	586.7	67.3	654.0	228.2	882.2

(a) From the September quarter 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

Period	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscel- laneous	Total non-resi- dential building
				PR	IVATE SE	CTOR					
1998-1999	56.7	265.6	83.5	72.1	159.3	46.4	6.1	43.7	63.8	18.6	815.7
1999-2000	62.3	302.3	101.6	85.6	129.9	51.5	18.6	45.7	58.8	24.3	880.7
2000-2001	19.5	197.8	70.2	111.4	97.6	72.3	17.3	26.2	38.9	34.8	686.1
2000 Dec. qtr	4.6	46.8	17.9	24.1	25.9	19.1	5.8	8.6	4.8	4.6	162.3
2001 Mar. qtr	5.5	52.4	19.1	18.4	20.1	18.3	4.1	3.5	11.6	6.8	159.8
Jun qtr	5.2	49.5	13.3	44.8	29.5	20.0	1.3	5.4	15.0	17.8	201.7
Sep. qtr	6.0	60.4	16.5	39.3	24.2	24.6	1.5	9.3	20.4	19.0	221.2
Dec. qtr	6.7	53.2	27.1	46.7	24.8	29.0	2.9	10.7	19.6	7.8	228.5
2002 Mar. qtr	10.0	38.1	17.3	52.7	10.7	21.6	1.8	11.5	3.2	3.8	170.8
				PU	JBLIC SEC	CTOR					
1998-1999	1.0	2.4	4.0	31.8	6.4	58.2	_	15.9	28.0	22.3	170.0
1999-2000	0.6	2.7	4.3	29.0	7.6	138.1	_	29.2		87.1	329.6
2000-2001	0.2	0.8	2.3	36.8	15.9	118.3	_	59.6		104.0	378.3
2000 Dec. qtr	_	0.6	0.2	8.5	5.4	35.6	_	14.2	11.0	27.7	103.3
2001 Mar. qtr	_	0.2	0.8	9.0	2.0	24.9	_	17.7	10.3	25.6	90.4
Jun qtr	_	_	0.7	8.9	2.3	13.5	_	14.9	10.2	22.3	72.9
Sep. qtr	0.1	0.6	3.1	12.1	1.3	25.8	_	7.9	14.6	15.5	81.0
Dec. qtr	0.2	1.1	2.1	8.2	0.7	28.1	—	4.7	12.3	11.7	69.1
2002 Mar. qtr	_	0.2	_	9.2	0.6	28.4	_	1.8	8.7	8.4	57.4
					TOTAL						
1998-1999	57.7	268.0	87.5	103.9	165.6	104.7	6.1	59.6	91.7	40.9	985.8
1999-2000	63.0	304.9	105.9	114.6	137.5	189.6	18.6	74.9		111.5	1,210.3
2000-2001	19.7	198.6	72.5	148.2	113.4	190.5	17.3	85.8		138.8	1,064.4
2000 Dec. qtr	4.7	47.4	18.1	32.6	31.3	54.8	5.8	22.8	15.9	32.3	265.5
2001 Mar. qtr	5.5	52.6	19.9	27.4	22.1	43.2	4.1	21.3	22.0	32.3	250.3
Jun qtr	5.2	49.5	14.1	53.7	31.8	33.5	1.3	20.3	25.2	40.1	274.6
Sep. qtr	6.1	61.0	19.6	51.4	25.5	50.4	1.5	17.2	35.0	34.5	302.2
Dec. qtr	6.9	54.3	29.2	54.9	25.5	57.1	2.9	15.4	32.0	19.4	297.6
2002 Mar. gtr	10.1	38.3	17.3	61.9	11.3	50.0	1.8	13.3	12.0	12.2	228.2

# TABLE 12. VALUE OF NON-RESIDENTIAL BUILDING WORK DONE: ORIGINAL (\$ million)

### TABLE 13. VALUE OF BUILDING WORK YET TO BE DONE AT END OF PERIOD(a): ORIGINAL (\$ million)

			(\$ million	1)			
Period	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-resi- dential building	Total building
			PRIVATE SE	CTOR			
1998-1999	448.5	89.0	537.4	52.0	589.5	305.0	894.4
1999-2000	579.8	206.4	786.2	44.4	830.6	176.0	1,006.7
2000-2001	346.4	185.7	532.1	63.7	595.8	394.5	990.3
2000 Dec. qtr	435.3	202.3	637.6	42.0	679.6	186.7	866.3
2001 Mar. qtr	359.0	204.8	563.9	59.7	623.6	185.7	809.3
Jun qtr	346.4	185.7	532.1	63.7	595.8	394.5	990.3
Sep. qtr	430.8	179.2	610.0	57.4	667.3	371.0	1,038.3
Dec. qtr	498.8	197.7	696.5	57.0	753.4	319.0	1,072.5
2002 Mar. qtr	538.0	169.7	707.7	51.6	759.3	257.9	1,017.2
			PUBLIC SEC	TOR			
1998-1999	8.5	10.5	19.0	1.5	20.5	75.2	95.7
1999-2000	5.9	16.6	22.5	0.6	23.1	261.1	284.2
2000-2001	1.8	16.1	17.9	19.9	37.8	116.4	154.2
2000 Dec. qtr	11.3	17.6	28.9	0.6	29.5	170.4	200.0
2001 Mar. qtr	4.5	9.8	14.3	16.6	30.9	128.6	159.5
Jun qtr	1.8	16.1	17.9	19.9	37.8	116.4	154.2
Sep. qtr	5.9	28.9	34.8	18.5	53.3	75.6	128.9
Dec. qtr	9.2	16.0	25.3	19.0	44.2	96.6	140.9
2002 Mar. qtr	9.0	12.4	21.4	18.1	39.4	98.5	138.0
			TOTAL				
1998-1999	456.9	99.5	556.4	53.6	610.0	380.1	990.1
1999-2000	585.7	223.0	808.7	45.0	853.7	437.1	1,290.8
2000-2001	348.2	201.8	550.0	83.6	633.6	510.9	1,144.5
2000 Dec. qtr	446.6	219.9	666.5	42.6	709.1	357.1	1,066.2
2001 Mar. qtr	363.6	214.6	578.2	76.3	654.5	314.3	968.8
Jun qtr	348.2	201.8	550.0	83.6	633.6	510.9	1,144.5
Sep. qtr	436.7	208.1	644.8	75.9	720.7	446.6	1,167.3
Dec. qtr	508.0	213.7	721.7	75.9	797.6	415.7	1,213.3
2002 Mar. qtr	547.1	182.0	729.1	69.7	798.7	356.4	1,155.1

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

					(\$ 1111101	<b>1</b> )					
Period	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscel- laneous	Total non-resi- dential building
				PR	IVATE SE	CTOR					
1998-1999	20.9	163.5	18.1	18.2	25.3	7.7	1.1	13.1	30.8	6.2	305.0
1999-2000	6.5	50.8	15.1	21.3	22.0	18.8	13.0	17.5		2.9	176.0
2000-2001	8.5	45.4	13.0	177.9	25.0	44.3	1.7	23.9		18.6	394.5
2000 Dec. qtr	5.2	81.6	11.8	10.4	19.3	37.5	4.3	4.6	4.8	7.3	186.7
2001 Mar. qtr	8.0	51.6	8.2	13.8	15.4	24.7	2.0	6.9	49.6	5.5	185.7
Jun qtr	8.5	45.4	13.0	177.9	25.0	44.3	1.7	23.9	36.1	18.6	394.5
Sep. qtr	5.6	45.8	19.7	188.4	17.8	36.3	1.4	19.8	25.1	11.1	371.0
Dec. qtr	16.1	29.5	21.4	158.2	29.5	27.8	5.0	17.5	9.7	4.4	319.0
2002 Mar. qtr	15.4	22.0	11.0	154.1	14.1	18.4	3.3	13.3	2.3	4.0	257.9
				PU	JBLIC SEC	CTOR					
1998-1999		0.1	_	8.5	1.7	21.5	_	10.9	16.9	15.5	75.2
1999-2000	_	_	1.0	14.5	2.1	87.5	_	49.6		98.2	261.1
2000-2001	—	_	1.2	15.5	1.1	43.2	—	9.9		22.0	116.4
2000 Dec. qtr	_	0.1	0.2	16.3	2.5	42.5	_	28.4	24.0	56.5	170.4
2001 Mar. qtr	_	_	1.7	15.7	1.6	26.5	_	25.9	22.2	35.0	128.6
Jun qtr	_	_	1.2	15.5	1.1	43.2	_	9.9	23.5	22.0	116.4
Sep. qtr	0.2	_	1.8	11.4	0.1	31.9	_	4.8	11.1	14.4	75.6
Dec. qtr	_	0.2	—	25.5	0.4	51.8	_	3.3	9.4	6.0	96.6
2002 Mar. qtr	_	—	—	19.9	0.2	55.1	_	2.6	17.8	2.8	98.5
					TOTAL						
1998-1999	20.9	163.5	18.1	26.7	27.1	29.2	1.1	24.0	47.8	21.7	380.1
1999-2000	6.5	50.8	16.1	35.8	24.0	106.3	13.0	67.2		101.1	437.1
2000-2001	8.5	45.4	14.2	193.5	26.1	87.5	1.7	33.8		40.6	510.9
2000 Dec. qtr	5.2	81.6	11.9	26.7	21.7	80.0	4.3	32.9	28.8	63.9	357.1
2001 Mar. qtr	8.0	51.6	9.9	29.5	17.0	51.3	2.0	32.7		40.5	314.3
Jun qtr	8.5	45.4	14.2	193.5	26.1	87.5	1.7	33.8	59.6	40.6	510.9
Sep. qtr	5.9	45.8	21.4	199.8	17.9	68.2	1.4	24.6	36.1	25.5	446.6
Dec. qtr	16.1	29.7	21.5	183.6	29.9	79.6	5.0	20.9	19.1	10.4	415.7
2002 Mar. qtr	15.4	22.0	11.0	174.0	14.4	73.5	3.3	16.0	20.1	6.8	356.4

# TABLE 14. VALUE OF NON-RESIDENTIAL BUILDING WORK YET TO BE DONE AT END OF PERIOD: ORIGINAL (\$ million)

# TABLE 15. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, MARCH QUARTER 2002 (Percentage)

			New residen	Value					
	House	25	Other reside	ntial	Total				
Stage of construction	Number	Value	Number of dwelling units	Value	Number of dwelling units	Value	Alterations and additions to residential buildings	Non- residential	Total building
Commenced	3.2	3.4	1.0	1.3	2.9	3.1	6.9	1.8	2.3
Under construction at end of period	2.5	2.6	0.2	0.2	1.9	1.8	3.5	0.5	1.1
Completed	4.9	5.1	4.0	4.5	4.3	4.5	7.1	0.9	2.7
Value of work done		2.7		1.7		2.3	4.1	0.9	1.6
Value of work yet to be done		2.8		0.3		2.1	4.5	0.6	1.4

# TABLE 16. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, NON-RESIDENTIAL: MARCH QUARTER 2002 (Percentage)

State of construction	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscel- laneous	Total non-resi- dential building
Value of work commenced	13.4	10.2	21.9	4.0	12.8	2.3	_	_	1.2	18.2	1.8
Value of work under construction	3.5	3.3	2.4	0.6	4.9	_	_	_	_	3.6	0.5
Value of work completed	34.5	3.8	3.8	2.3	8.3	1.3	47.7	_	0.5	0.5	0.9
Value of work done	8.6	5.5	3.4	1.8	8.7	1.8	17.5	_	1.9	8.1	0.9
Value of work yet to be done	4.3	6.6	4.2	0.7	7.0	_	—	—	_	8.1	0.6

#### INTRODUCTION

**1** This publication contains detailed estimates from the quarterly Building Activity Survey. Each issue includes revisions to the previous quarter. Therefore data for the latest quarter should be considered to be preliminary only.

**2** The statistics were compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. From the March quarter 2002, the quarterly survey consists of:

- a sample survey of private sector jobs involving residential building jobs valued at \$10,000 or more and non-residential building jobs valued at \$50,000 or more; and
- a complete enumeration of all such public sector building jobs.

**3** From the September quarter 1990, only non-residential building jobs (both new and alterations and additions) with an approval value of \$50,000 (previously \$30,000) or more are included in the survey.

**4** The use of sample survey techniques in the Building Activity Survey means that reliable estimates of private sector building activity are generally available only at State, Territory and Australia levels. Although subject to higher relative standard errors (refer to paragraphs 23–25), a range of sub-State estimates of building activity may be available. For further information on the availability of Building Activity estimates, contact the ABS in Adelaide on 08 8237 7316. Detailed data on building approvals, based on information reported by local government and other reporting authorities, are available for regions below State and Territory level from the Building Approvals series compiled by the ABS.

### 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.

**6** Building jobs included in each quarter in the Building Activity Survey comprise those jobs selected in previous quarters which have not been completed (or commenced) by the end of the previous quarter and those jobs newly selected in the current quarter. The population list from which jobs are selected for inclusion comprises all approved building jobs which were notified to the ABS (refer paragraph 2) 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 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, 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 and which actually commenced in that month are shown as commencements in the December quarter.

### TREATMENT OF GST

**7** Statistics on value of building work (current prices) show residential building on a GST inclusive basis and non-residential building on a GST exclusive basis. This approach is consistent with that adopted in the Australian National Accounts which is based on the conceptual framework described in the 1993 edition of the international statistical standard *System of National Accounts* (SNA93).

**8** SNA93 requires value added taxes (VAT), such as the GST, to be recorded on a net basis where:

(a) both outputs of goods and services and imports are valued excluding invoiced VAT;

(b) purchases of goods and services are recorded including non-deductible VAT.

Under the net system, VAT is recorded as being payable by purchasers, not sellers, and then only by those purchasers who are not able to deduct it. Almost all VAT is therefore recorded in the SNA93 as being paid on final uses—mainly on household consumption. Small amounts of VAT, may however, be paid by businesses in respect of certain kinds of purchases on which VAT may not be deductible.

**9** Within building activity statistics, purchasers of residential structures are unable to deduct GST from the purchase price. For non-residential structures, the reverse is true. While the ABS collects all building activity data on a GST inclusive basis, it publishes value data inclusive of GST in respect of residential construction.

**10** It is appropriate to add the residential and non-residential components to derive total building activity. Valuation of the components of the total is consistent, since, for both components, the value data is recorded inclusive of non-deductible GST paid by the purchaser. As such, total building activity includes the non-deductible GST payable on residential building.

#### DEFINITIONS

**11** 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.

**12** 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.

**13** A *residential building* is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either *bouses* or *other residential buildings*.

- A *bouse* 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.
- 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.).

### DEFINITIONS continued

**14** From the June quarter 1996 issue of this publication, the number of dwelling units created as part of alterations and additions to, or conversions of, existing residential or non-residential buildings, and as part of the construction of non-residential building is shown separately in tables 5, 7, and 9 under the heading of 'Conversions, etc.', and is included in the total number of dwelling units shown in these tables. Previously, such dwellings were only included as a footnote.

**15** In addition, the seasonally adjusted estimates for the total number of dwelling units commenced and completed, shown in table 4, include these conversions, etc. Previously, only dwelling units created as part of the construction of new residential buildings were included in these estimates.

**16** *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).

**17** *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.

**18** *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

**19** The value series in this publication are derived from estimates reported on survey returns as follows.

- 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 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.
- Value of building completed represents the actual completion value based, where practicable, on the market or contract price of jobs including site preparation costs but excluding the value of land and landscaping.
- *Value of building work done during the period* represents the estimated value of building work actually carried out during the quarter on jobs which have commenced.
- 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 jobs commenced but not completed.

#### BUILDING CLASSIFICATION

**20** *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.

**21** *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.

**22** Examples of the types of buildings included under each main functional heading are shown in the following list.

- Houses. Includes cottages, bungalows, detached caretakers'/managers' cottages, rectories.
- Other residential buildings. Includes blocks of flats, home units, attached townhouses, villa units, terrace houses, semi-detached houses, maisonettes.
- Hotels, etc. Includes motels, hostels, boarding houses, guest houses, holiday apartment buildings.
- Shops. Includes retail shops, restaurants, cafes, taverns, dry cleaners, laundromats, hair salons, shopping arcades.
- *Factories.* Includes paper mills, oil refinery buildings, brickworks, foundries, powerhouses, manufacturing laboratories, workshops as part of a manufacturing process.
- Offices. Includes banks, post offices, council chambers, head and regional offices.
- Other business premises. Includes warehouses, storage depots, service stations, transport depots and terminals, car parks, electricity substation buildings, pumping station buildings, telephone exchanges, mail sorting centres, broadcasting stations, film studios.
- Educational. Includes schools, colleges, universities, kindergartens, libraries, museums, art galleries, research and teaching laboratories, theological colleges.
- Religious. Includes churches, chapels, temples.
- Health. Includes hospitals, nursing homes, surgeries, clinics, medical centres.
- Entertainment and recreational. Includes clubs, theatres, cinemas, public halls, gymnasiums, grandstands, squash courts, sports and recreation centres.
- *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

**23** Since the figures for private sector 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 (SE), 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 SE 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 SEs. Another measure of sampling variability is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate to which it refers. The RSEs of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in tables 15 and 16.

**24** An example of the use of RSEs 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 5) and that the associated RSE is 2.5% (for actual percentage see table 15). 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% 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.

**25** The imprecision due to sampling variability, which is measured by the RSE, 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 jobs, and efficient operating procedures.

#### SEASONAL ADJUSTMENT

**26** Seasonally adjusted building statistics are shown in tables 2 to 4. In the seasonally adjusted series, account has been taken of normal seasonal factors and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters. Further information about seasonal adjustment can be obtained from the Assistant Director of Time Series Analysis on Canberra 02 6252 6076.

#### SEASONAL ADJUSTMENT continued

**27** 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. Some of the component series shown have 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. Therefore, figures should not be derived using the adjusted totals. (For example, seasonally adjusted public sector dwelling units should not be derived by subtracting seasonally adjusted private sector dwellings units from the seasonally adjusted total). In table 3, the components of the current price value series have, however, been seasonally adjusted dependently, and the seasonally adjusted components of series in that table add to the seasonally adjusted total.

**28** As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. For the Building Activity Survey, the results of the latest review are shown in the December quarter issue each year.

#### CHAIN VOLUME MEASURES

**29** Chain volume estimates of the value of commencements and work done are shown in tables 1 and 2. While current price estimates of the value of commencements and work done reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from chain volume estimates. 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 new other building components of the national accounts aggregate 'Gross fixed capital formation'.

**30** The chain volume measures of commencements and work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 1999–2000). The reference year is updated annually in the June quarter publication. Each year's data in the value of commencements and work done series are based on the prices of the previous year, except for the quarters of the latest incomplete year which are based upon the current reference year (i.e. 1999–2000). Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the ABS *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0).

**31** The factors used to seasonally adjust the chain volume series are identical to those used to adjust the corresponding current price series.

### **EXPLANATORY NOTES** continued

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	<b>32</b> ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the <i>Census and Statistics Act 1905</i> .
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SYMBOLS AND OTHER USAGES	ABSAustralian Bureau of StatisticsRSErelative standard errorSEstandard errornot applicable—nil or rounded to zero

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

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