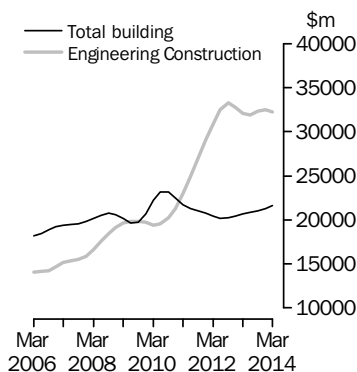


**CONSTRUCTION WORK DONE** AUSTRALIA  
PRELIMINARY

EMBARGO: 11.30AM (CANBERRA TIME) WED 28 MAY 2014

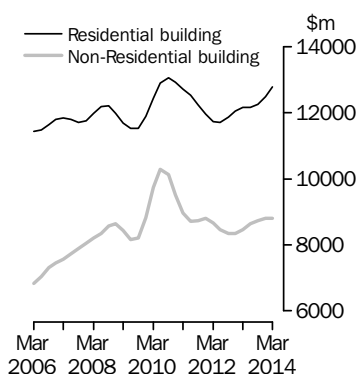
**Value of construction work done**

Chain Volume Measures  
Trend estimates



**Value of building work done**

Chain Volume Measures  
Trend estimates



**INQUIRIES**

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070.

**KEY FIGURES**

	<i>Mar qtr 14</i>	<i>Dec qtr 13 to Mar qtr 14</i>	<i>Mar qtr 13 to Mar qtr 14</i>
	<i>\$m</i>	<i>% change</i>	<i>% change</i>
<b>TREND ESTIMATES (a)</b>			
<b>Value of work done</b>			
Building	21 587.4	1.4	4.6
Residential	12 781.1	2.4	5.0
Non-residential	8 802.9	—	3.9
Engineering	32 192.9	-0.5	0.1
<b>Total construction</b>	<b>53 781.3</b>	<b>0.2</b>	<b>1.9</b>

**SEASONALLY ADJUSTED ESTIMATES (a)**

<b>Value of work done</b>			
Building	21 766.9	3.3	6.2
Residential	13 054.9	6.8	8.4
Non-residential	8 712.1	-1.5	3.1
Engineering	31 854.2	-1.6	0.2
<b>Total construction</b>	<b>53 621.1</b>	<b>0.3</b>	<b>2.6</b>

— nil or rounded to zero (including null cells)

(a) Reference year for Chain Volume Measures is 2011-12.

**KEY POINTS**

**VALUE OF WORK DONE, CHAIN VOLUME MEASURES**

**TOTAL CONSTRUCTION**

- The trend estimate for total construction work done rose 0.2% in the March quarter 2014.
- The seasonally adjusted estimate for total construction work done rose 0.3% to \$53,621.1m in the March quarter.

**BUILDING WORK DONE**

- The trend estimate for total building work done rose 1.4% in the March quarter.
- The trend estimate for non-residential building work done remained unchanged in the March quarter while residential building work rose 2.4%.
- The seasonally adjusted estimate of total building work done rose 3.3% to \$21,766.9m in the March quarter.

**ENGINEERING WORK DONE**

- The trend estimate for engineering work done fell 0.5% in the March quarter.
- The seasonally adjusted estimate for engineering work done fell 1.6% to \$31,854.2m in the March quarter.

# NOTES

## FORTHCOMING ISSUES

<i>ISSUE (Quarter)</i>	<i>RELEASE DATE</i>
June 2014	27 August 2014
September 2014	26 November 2014
December 2014	25 February 2015
March 2015	27 May 2015



## ABOUT THIS ISSUE

This publication provides an early indication of trends in building and engineering construction activity. The data are estimates based on a response rate of approximately 85% of the value of both building and engineering work done during the quarter. More comprehensive and updated results will be released in *Engineering Construction Activity, Australia* (cat.no. 8762.0) on 02 July 2014 and in *Building Activity, Australia* (cat. no. 8752.0) on 16 July 2014.

## DATA NOTES

This release includes revisions to both the *Building Activity* and *Engineering Construction Survey*. *Building Activity* data was revised back to September 2002 and *Engineering Construction* data was revised back to March 2010.

As a result of changes to production processes, some time series identifiers will be changing. The content and nature of these series will not be affected.

The following publications will be affected:

- *Construction Work Done, Australia, Preliminary* (cat. no. 8755.0) - changes implemented from this release onwards.
- *Building Activity, Australia* (cat. no. 8752.0) - changes implemented from March 2014 (released on 16 July 2014) onwards.

To assist in accommodating these changes, Excel spreadsheets showing the old and new time series identifiers for each affected series are included under the downloads tab.

Please note the dates on which these changes take effect, as detailed above.

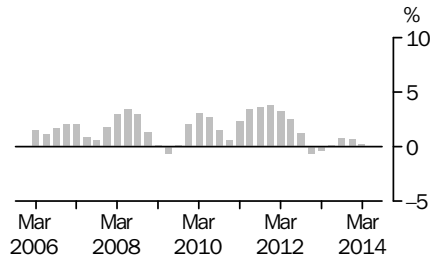
Trend estimates should be used with caution due to the volatility caused by large engineering projects. For more details on trend estimates, please see paragraphs 24 to 26 of the explanatory notes.

Jonathan Palmer  
Acting Australian Statistician

# CONSTRUCTION WORK DONE CHAIN VOLUME MEASURES

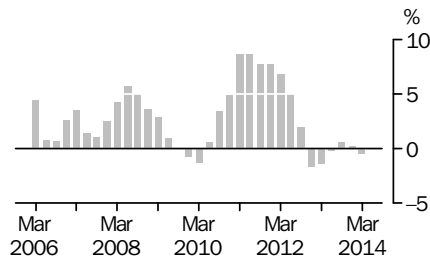
## TREND PERCENTAGE CHANGE

### TOTAL CONSTRUCTION



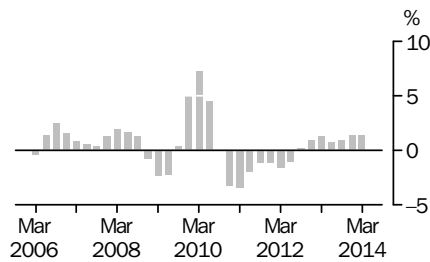
The trend estimate for total construction work done has risen 0.2% this quarter and has risen for four quarters.

### ENGINEERING



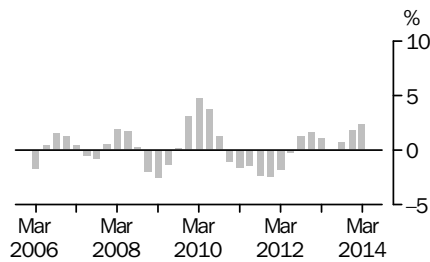
The trend estimate for engineering construction work done fell 0.5% this quarter, following rises in the previous two quarters.

### BUILDING



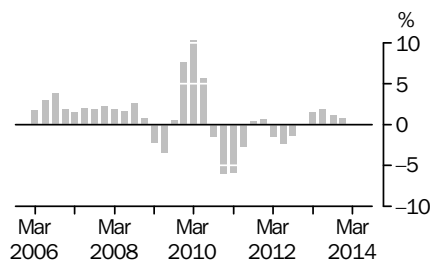
The trend estimate for total building work done rose 1.4% this quarter and has risen for seven quarters.

### RESIDENTIAL



The trend estimate for residential building work done rose 2.4% this quarter and has now risen for three quarters.

### NON-RESIDENTIAL

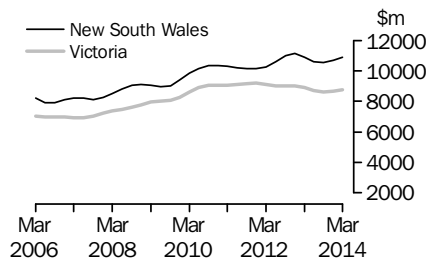


The trend estimate for non-residential building work done remained unchanged this quarter, following rises in the previous four quarters.

# CONSTRUCTION WORK DONE STATES AND TERRITORIES

## CHAIN VOLUME MEASURES—TREND ESTIMATES

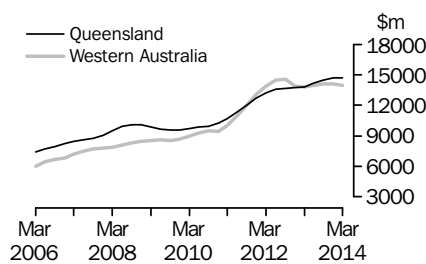
NEW SOUTH WALES  
VICTORIA



Construction work done in New South Wales is now showing a rise for two quarters.

Construction work done in Victoria has risen for two quarters.

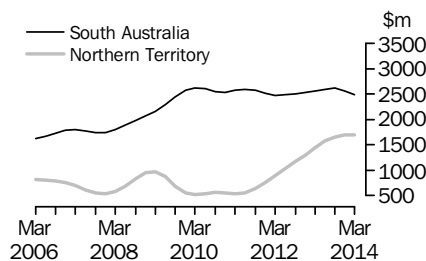
QUEENSLAND  
WESTERN AUSTRALIA



Construction work done in Queensland has risen for 18 consecutive quarters.

Construction work done in Western Australia has now fallen for two quarters.

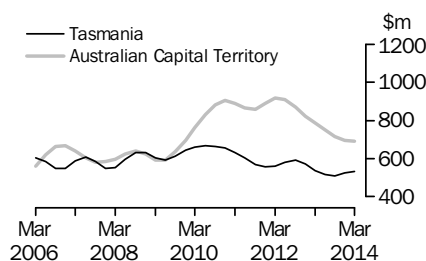
SOUTH AUSTRALIA  
NORTHERN TERRITORY



Construction work done in South Australia has now fallen for two quarters.

Construction work done in the Northern Territory has fallen this quarter, following rises for the previous 11 quarters.

TASMANIA  
AUSTRALIAN CAPITAL  
TERRITORY



Construction work done in Tasmania has risen for two quarters.

Construction work done in the Australian Capital Territory has fallen for eight quarters.

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CONSTRUCTION WORK DONE, Chain volume measures(a)

Period	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	Public	Total	Private	Public	Total	Private	Public	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
<b>2010-11</b>	70 128.8	18 084.1	88 230.4	56 577.0	32 094.2	88 500.9	126 822.7	50 315.8	176 975.5
<b>2011-12</b>	69 623.7	12 844.2	82 467.8	87 370.8	32 876.7	120 247.5	156 994.5	45 720.8	202 715.3
<b>2012-13</b>	71 561.9	10 370.6	81 932.5	97 379.6	32 068.8	129 448.4	168 941.5	42 439.4	211 380.9
<b>2012</b>									
Dec Qtr	18 835.0	2 679.8	21 514.9	26 300.1	8 186.2	34 486.3	45 135.2	10 866.0	56 001.1
<b>2013</b>									
Mar Qtr	16 354.3	2 395.4	18 749.7	22 040.7	7 303.6	29 344.3	38 395.0	9 699.0	48 094.0
Jun Qtr	18 140.1	2 705.8	20 845.9	23 707.1	9 063.9	32 771.0	41 847.2	11 769.7	53 616.9
Sep Qtr	19 127.9	2 915.2	22 043.2	25 924.8	6 924.1	32 848.9	45 052.7	9 839.3	54 892.1
Dec Qtr	18 736.1	3 092.1	21 828.2	26 403.0	7 384.4	33 787.4	45 139.1	10 476.5	55 615.6
<b>2014</b>									
Mar Qtr	17 556.3	2 386.9	19 943.1	22 851.5	6 563.3	29 414.8	40 407.7	8 950.2	49 357.9
SEASONALLY ADJUSTED									
<b>2012</b>									
Dec Qtr	18 198.8	2 547.8	20 746.4	24 729.0	8 276.0	33 005.0	42 927.8	10 823.7	53 751.4
<b>2013</b>									
Mar Qtr	17 911.8	2 582.8	20 494.7	23 908.1	7 884.4	31 792.5	41 819.9	10 467.2	52 287.2
Jun Qtr	18 133.6	2 652.9	20 786.8	23 674.7	7 949.2	31 623.9	41 808.3	10 602.0	52 410.7
Sep Qtr	18 205.8	2 910.8	21 116.9	25 570.2	7 338.3	32 908.5	43 776.1	10 249.1	54 025.4
Dec Qtr	18 133.5	2 934.0	21 067.7	24 913.5	7 468.4	32 381.9	43 047.0	10 402.4	53 449.6
<b>2014</b>									
Mar Qtr	19 190.1	2 576.9	21 766.9	24 733.5	7 120.7	31 854.2	43 923.6	9 697.6	53 621.1
TREND									
<b>2012</b>									
Dec Qtr	17 854.7	2 534.4	20 389.0	24 499.9	8 118.5	32 618.0	42 354.5	10 652.0	53 006.8
<b>2013</b>									
Mar Qtr	18 069.0	2 574.7	20 643.9	24 172.0	7 982.3	32 154.0	42 241.5	10 557.8	52 798.7
Jun Qtr	18 078.2	2 727.0	20 805.5	24 290.7	7 789.8	32 080.4	42 368.8	10 516.7	52 885.9
Sep Qtr	18 166.5	2 828.6	20 995.1	24 753.7	7 540.7	32 296.3	42 919.3	10 371.2	53 292.0
Dec Qtr	18 463.8	2 825.0	21 288.9	25 024.5	7 341.7	32 367.0	43 487.4	10 167.4	53 655.6
<b>2014</b>									
Mar Qtr	18 846.7	2 741.9	21 587.4	25 033.4	7 175.8	32 192.9	43 895.9	9 901.5	53 781.3

(a) Reference year for Chain Volume Measures is 2011-12. Refer to paragraphs 27-31 of the Explanatory Notes.

## CONSTRUCTION WORK DONE, Chain volume measures(a)—Change from previous period

Period	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	Public	Total	Private	Public	Total	Private	Public	Total
	%	%	%	%	%	%	%	%	%
ORIGINAL									
<b>2010-11</b>	1.5	7.1	2.7	19.2	1.3	12.2	8.8	3.4	7.2
<b>2011-12</b>	-0.7	-29.0	-6.5	54.4	2.4	35.9	23.8	-9.1	14.5
<b>2012-13</b>	2.8	-19.3	-0.6	11.5	-2.5	7.7	7.6	-7.2	4.3
<b>2012</b>									
Dec Qtr	3.3	3.5	3.3	3.8	8.9	5.0	3.6	7.5	4.3
<b>2013</b>									
Mar Qtr	-13.2	-10.6	-12.9	-16.2	-10.8	-14.9	-14.9	-10.7	-14.1
Jun Qtr	10.9	13.0	11.2	7.6	24.1	11.7	9.0	21.3	11.5
Sep Qtr	5.4	7.7	5.7	9.4	-23.6	0.2	7.7	-16.4	2.4
Dec Qtr	-2.0	6.1	-1.0	1.8	6.6	2.9	0.2	6.5	1.3
<b>2014</b>									
Mar Qtr	-6.3	-22.8	-8.6	-13.5	-11.1	-12.9	-10.5	-14.6	-11.3
SEASONALLY ADJUSTED									
<b>2012</b>									
Dec Qtr	5.0	-1.3	4.1	-1.4	4.0	-0.1	1.2	2.7	1.5
<b>2013</b>									
Mar Qtr	-1.6	1.4	-1.2	-3.3	-4.7	-3.7	-2.6	-3.3	-2.7
Jun Qtr	1.2	2.7	1.4	-1.0	0.8	-0.5	—	1.3	0.2
Sep Qtr	0.4	9.7	1.6	8.0	-7.7	4.1	4.7	-3.3	3.1
Dec Qtr	-0.4	0.8	-0.2	-2.6	1.8	-1.6	-1.7	1.5	-1.1
<b>2014</b>									
Mar Qtr	5.8	-12.2	3.3	-0.7	-4.7	-1.6	2.0	-6.8	0.3
TREND									
<b>2012</b>									
Dec Qtr	1.7	-4.2	0.9	-2.0	-0.9	-1.7	-0.5	-1.7	-0.7
<b>2013</b>									
Mar Qtr	1.2	1.6	1.3	-1.3	-1.7	-1.4	-0.3	-0.9	-0.4
Jun Qtr	0.1	5.9	0.8	0.5	-2.4	-0.2	0.3	-0.4	0.2
Sep Qtr	0.5	3.7	0.9	1.9	-3.2	0.7	1.3	-1.4	0.8
Dec Qtr	1.6	-0.1	1.4	1.1	-2.6	0.2	1.3	-2.0	0.7
<b>2014</b>									
Mar Qtr	2.1	-2.9	1.4	—	-2.3	-0.5	0.9	-2.6	0.2

— nil or rounded to zero (including null cells)

(a) Reference year for Chain Volume Measures is 2011-12. Refer to paragraphs 27-31 of the Explanatory Notes.

## CONSTRUCTION WORK DONE, States and territories—Chain volume measures(a)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
<b>2010-11</b>	40 953.6	36 215.2	42 519.6	10 294.0	38 780.5	2 563.1	2 175.7	3 545.8	176 975.5
<b>2011-12</b>	41 065.7	36 562.0	51 548.9	9 876.0	54 402.5	2 283.1	3 359.3	3 617.9	202 715.3
<b>2012-13</b>	43 996.2	35 584.7	54 846.8	10 215.6	55 931.8	2 181.0	5 419.5	3 205.4	211 380.9
<b>2012</b>									
Dec Qtr	11 562.5	9 709.4	14 482.7	2 527.5	14 513.2	653.9	1 697.0	855.1	56 001.1
<b>2013</b>									
Mar Qtr	9 976.1	7 973.9	12 663.2	2 424.4	12 792.2	489.4	1 062.8	712.0	48 094.0
Jun Qtr	11 344.8	8 789.9	13 963.4	2 750.5	13 854.6	536.4	1 562.1	815.2	53 616.9
Sep Qtr	10 278.4	9 041.4	15 317.5	2 572.8	14 720.8	491.9	1 753.3	716.0	54 892.1
Dec Qtr	10 883.8	8 835.0	15 709.2	2 712.8	14 382.7	535.9	1 891.3	664.9	55 615.6
<b>2014</b>									
Mar Qtr	10 442.8	8 065.9	12 797.1	2 199.6	13 300.3	514.7	1 372.2	665.3	49 357.9
SEASONALLY ADJUSTED									
<b>2012</b>									
Dec Qtr	11 286.8	9 348.2	13 783.9	2 433.6	13 875.4	633.9	1 440.2	854.9	53 751.4
<b>2013</b>									
Mar Qtr	10 629.6	8 794.3	14 126.9	2 613.4	13 536.2	510.1	1 313.6	769.3	52 287.2
Jun Qtr	10 873.6	8 619.6	13 584.0	2 531.2	13 960.3	501.4	1 566.5	771.4	52 410.7
Sep Qtr	10 297.8	8 729.6	14 914.4	2 666.7	14 503.8	525.9	1 781.2	710.3	54 025.4
Dec Qtr	10 599.0	8 505.8	14 924.4	2 617.8	13 840.2	516.1	1 609.0	665.0	53 449.6
<b>2014</b>									
Mar Qtr	11 139.4	8 880.4	14 272.3	2 375.2	14 021.9	538.4	1 706.0	718.9	53 621.1
TREND									
<b>2012</b>									
Dec Qtr	11 121.9	9 011.2	13 730.2	2 523.4	13 908.9	574.2	1 300.2	823.4	53 006.8
<b>2013</b>									
Mar Qtr	10 920.4	8 911.5	13 828.7	2 556.8	13 807.3	538.4	1 438.0	788.7	52 798.7
Jun Qtr	10 605.8	8 712.1	14 197.9	2 597.4	13 944.5	515.6	1 569.7	752.3	52 885.9
Sep Qtr	10 544.2	8 620.1	14 511.8	2 614.2	14 121.6	510.9	1 655.0	713.4	53 292.0
Dec Qtr	10 679.7	8 671.0	14 688.9	2 558.0	14 109.2	524.7	1 698.7	695.2	53 655.6
<b>2014</b>									
Mar Qtr	10 886.4	8 749.9	14 713.8	2 480.2	13 994.9	532.9	1 690.4	690.3	53 781.3

(a) Reference year for Chain Volume Measures is 2011-12. See paragraphs 27-31 of the Explanatory Notes.



# CONSTRUCTION WORK DONE, States and Territories—Chain volume measures(a)—Change from previous period

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	%	%	%	%	%	%	%	%	%
ORIGINAL									
<b>2010–11</b>	6.1	6.6	9.8	—	8.3	-1.2	-5.0	21.5	7.2
<b>2011–12</b>	0.3	1.0	21.2	-4.1	40.3	-10.9	54.4	2.0	14.5
<b>2012–13</b>	7.1	-2.7	6.4	3.4	2.8	-4.5	61.3	-11.4	4.3
<b>2012</b>									
Dec Qtr	4.0	6.6	5.4	0.6	-1.8	30.4	54.6	3.9	4.3
<b>2013</b>									
Mar Qtr	-13.7	-17.9	-12.6	-4.1	-11.9	-25.1	-37.4	-16.7	-14.1
Jun Qtr	13.7	10.2	10.3	13.5	8.3	9.6	47.0	14.5	11.5
Sep Qtr	-9.4	2.9	9.7	-6.5	6.3	-8.3	12.2	-12.2	2.4
Dec Qtr	5.9	-2.3	2.6	5.4	-2.3	8.9	7.9	-7.1	1.3
<b>2014</b>									
Mar Qtr	-4.1	-8.7	-18.5	-18.9	-7.5	-3.9	-27.4	0.1	-11.3
SEASONALLY ADJUSTED									
<b>2012</b>									
Dec Qtr	0.7	6.0	3.2	-7.7	-4.7	18.3	31.1	5.6	1.5
<b>2013</b>									
Mar Qtr	-5.8	-5.9	2.5	7.4	-2.4	-19.5	-8.8	-10.0	-2.7
Jun Qtr	2.3	-2.0	-3.8	-3.1	3.1	-1.7	19.2	0.3	0.2
Sep Qtr	-5.3	1.3	9.8	5.4	3.9	4.9	13.7	-7.9	3.1
Dec Qtr	2.9	-2.6	0.1	-1.8	-4.6	-1.9	-9.7	-6.4	-1.1
<b>2014</b>									
Mar Qtr	5.1	4.4	-4.4	-9.3	1.3	4.3	6.0	8.1	0.3
TREND									
<b>2012</b>									
Dec Qtr	1.2	-0.1	0.1	0.8	-4.3	-3.1	10.8	-5.2	-0.7
<b>2013</b>									
Mar Qtr	-1.8	-1.1	0.7	1.3	-0.7	-6.2	10.6	-4.2	-0.4
Jun Qtr	-2.9	-2.2	2.7	1.6	1.0	-4.2	9.2	-4.6	0.2
Sep Qtr	-0.6	-1.1	2.2	0.6	1.3	-0.9	5.4	-5.2	0.8
Dec Qtr	1.3	0.6	1.2	-2.2	-0.1	2.7	2.6	-2.6	0.7
<b>2014</b>									
Mar Qtr	1.9	0.9	0.2	-3.0	-0.8	1.6	-0.5	-0.7	0.2

— nil or rounded to zero (including null cells)

(a) Reference year for Chain Volume Measures is 2011-12. See paragraphs 27-31 of the Explanatory Notes.

CONSTRUCTION WORK DONE, States and territories—Chain volume measures(a): Original

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....									
BUILDING WORK DONE									
<b>2010-11</b>	21 855.9	24 621.6	17 968.3	5 478.0	12 819.8	1 557.7	1 223.4	2 737.2	88 230.4
<b>2011-12</b>	18 679.4	24 633.1	16 127.5	4 953.4	12 585.3	1 267.2	1 433.9	2 788.1	82 467.8
<b>2012-13</b>	20 353.4	24 724.3	15 187.7	4 432.2	12 078.4	1 057.4	1 658.3	2 440.8	81 932.5
<b>2012</b>									
Dec Qtr	5 338.5	6 726.1	4 061.1	1 097.0	2 961.7	278.5	392.0	660.0	21 514.9
<b>2013</b>									
Mar Qtr	4 662.6	5 534.9	3 475.0	1 024.9	2 927.8	232.3	358.3	533.9	18 749.7
Jun Qtr	5 330.4	6 100.5	3 858.3	1 214.4	3 033.2	248.6	459.9	600.4	20 845.9
Sep Qtr	5 542.7	6 524.6	4 138.0	1 243.6	3 324.0	279.4	458.4	532.5	22 043.2
Dec Qtr	5 591.2	6 310.2	4 090.7	1 215.4	3 338.9	270.9	533.2	477.8	21 828.2
<b>2014</b>									
Mar Qtr	5 536.2	5 593.7	3 576.9	1 020.7	3 038.8	244.2	440.5	492.2	19 943.1
.....									
ENGINEERING WORK DONE									
<b>2010-11</b>	19 060.6	11 586.6	24 511.6	4 804.8	25 896.6	999.7	947.4	808.4	88 500.9
<b>2011-12</b>	22 386.3	11 928.9	35 421.5	4 922.5	41 817.2	1 015.9	1 925.4	829.8	120 247.5
<b>2012-13</b>	23 642.8	10 860.3	39 659.1	5 783.4	43 853.3	1 123.6	3 761.2	764.6	129 448.4
<b>2012</b>									
Dec Qtr	6 224.0	2 983.3	10 421.5	1 430.5	11 551.5	375.3	1 305.0	195.1	34 486.3
<b>2013</b>									
Mar Qtr	5 313.5	2 439.0	9 188.3	1 399.5	9 864.4	257.1	704.5	178.1	29 344.3
Jun Qtr	6 014.4	2 689.4	10 105.1	1 536.1	10 821.4	287.7	1 102.1	214.8	32 771.0
Sep Qtr	4 735.7	2 516.8	11 179.4	1 329.3	11 396.8	212.4	1 294.9	183.5	32 848.9
Dec Qtr	5 292.5	2 524.8	11 618.5	1 497.5	11 043.8	265.0	1 358.2	187.1	33 787.4
<b>2014</b>									
Mar Qtr	4 906.6	2 472.2	9 220.2	1 178.9	10 261.5	270.6	931.7	173.0	29 414.8
.....									
CONSTRUCTION WORK DONE									
<b>2010-11</b>	40 953.6	36 215.2	42 519.6	10 294.0	38 780.5	2 563.1	2 175.7	3 545.8	176 975.5
<b>2011-12</b>	41 065.7	36 562.0	51 548.9	9 876.0	54 402.5	2 283.1	3 359.3	3 617.9	202 715.3
<b>2012-13</b>	43 996.2	35 584.7	54 846.8	10 215.6	55 931.8	2 181.0	5 419.5	3 205.4	211 380.9
<b>2012</b>									
Dec Qtr	11 562.5	9 709.4	14 482.7	2 527.5	14 513.2	653.9	1 697.0	855.1	56 001.1
<b>2013</b>									
Mar Qtr	9 976.1	7 973.9	12 663.2	2 424.4	12 792.2	489.4	1 062.8	712.0	48 094.0
Jun Qtr	11 344.8	8 789.9	13 963.4	2 750.5	13 854.6	536.4	1 562.1	815.2	53 616.9
Sep Qtr	10 278.4	9 041.4	15 317.5	2 572.8	14 720.8	491.9	1 753.3	716.0	54 892.1
Dec Qtr	10 883.8	8 835.0	15 709.2	2 712.8	14 382.7	535.9	1 891.3	664.9	55 615.6
<b>2014</b>									
Mar Qtr	10 442.8	8 065.9	12 797.1	2 199.6	13 300.3	514.7	1 372.2	665.3	49 357.9

(a) Reference year for Chain Volume Measures is 2011-12. Refer to paragraphs 27-31 of the Explanatory Notes.

## CONSTRUCTION WORK DONE, States and territories—Chain volume measures(a):

Original—Change from previous period

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	%	%	%	%	%	%	%	%	%
.....									
BUILDING WORK DONE									
<b>2010-11</b>	1.5	3.4	-3.3	2.2	10.5	0.3	13.6	10.7	2.7
<b>2011-12</b>	-14.5	—	-10.2	-9.6	-1.8	-18.6	17.2	1.9	-6.5
<b>2012-13</b>	9.0	0.4	-5.8	-10.5	-4.0	-16.6	15.6	-12.5	-0.6
<b>2012</b>									
Dec Qtr	6.3	5.7	7.1	0.1	-6.1	-6.5	-12.5	2.1	3.3
<b>2013</b>									
Mar Qtr	-12.7	-17.7	-14.4	-6.6	-1.1	-16.6	-8.6	-19.1	-12.9
Jun Qtr	14.3	10.2	11.0	18.5	3.6	7.0	28.4	12.4	11.2
Sep Qtr	4.0	7.0	7.3	2.4	9.6	12.4	-0.3	-11.3	5.7
Dec Qtr	0.9	-3.3	-1.1	-2.3	0.4	-3.1	16.3	-10.3	-1.0
<b>2014</b>									
Mar Qtr	-1.0	-11.4	-12.6	-16.0	-9.0	-9.9	-17.4	3.0	-8.6
.....									
ENGINEERING WORK DONE									
<b>2010-11</b>	12.0	14.3	22.0	-2.4	7.3	-3.4	-21.6	85.8	12.2
<b>2011-12</b>	17.4	3.0	44.5	2.4	61.5	1.6	103.2	2.6	35.9
<b>2012-13</b>	5.6	-9.0	12.0	17.5	4.9	10.6	95.3	-7.9	7.7
<b>2012</b>									
Dec Qtr	2.2	8.5	4.8	0.9	-0.6	84.5	100.9	10.5	5.0
<b>2013</b>									
Mar Qtr	-14.6	-18.2	-11.8	-2.2	-14.6	-31.5	-46.0	-8.7	-14.9
Jun Qtr	13.2	10.3	10.0	9.8	9.7	11.9	56.5	20.6	11.7
Sep Qtr	-21.3	-6.4	10.6	-13.5	5.3	-26.2	17.5	-14.6	0.2
Dec Qtr	11.8	0.3	3.9	12.7	-3.1	24.8	4.9	2.0	2.9
<b>2014</b>									
Mar Qtr	-7.3	-2.1	-20.6	-21.3	-7.1	2.1	-31.4	-7.5	-12.9
.....									
CONSTRUCTION WORK DONE									
<b>2010-11</b>	6.1	6.6	9.8	—	8.3	-1.2	-5.0	21.5	7.2
<b>2011-12</b>	0.3	1.0	21.2	-4.1	40.3	-10.9	54.4	2.0	14.5
<b>2012-13</b>	7.1	-2.7	6.4	3.4	2.8	-4.5	61.3	-11.4	4.3
<b>2012</b>									
Dec Qtr	4.0	6.6	5.4	0.6	-1.8	30.4	54.6	3.9	4.3
<b>2013</b>									
Mar Qtr	-13.7	-17.9	-12.6	-4.1	-11.9	-25.1	-37.4	-16.7	-14.1
Jun Qtr	13.7	10.2	10.3	13.5	8.3	9.6	47.0	14.5	11.5
Sep Qtr	-9.4	2.9	9.7	-6.5	6.3	-8.3	12.2	-12.2	2.4
Dec Qtr	5.9	-2.3	2.6	5.4	-2.3	8.9	7.9	-7.1	1.3
<b>2014</b>									
Mar Qtr	-4.1	-8.7	-18.5	-18.9	-7.5	-3.9	-27.4	0.1	-11.3

— nil or rounded to zero (including null cells)

(a) Reference year for Chain Volume Measures is 2011-12. Refer to paragraphs 27-31 of the Explanatory Notes.

## CONSTRUCTION WORK DONE, Current prices

Period	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	Public	Total	Private	Public	Total	Private	Public	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
<b>2010-11</b>	69 599.8	18 020.1	87 620.0	55 681.4	30 904.9	86 586.3	125 281.3	48 925.0	174 206.3
<b>2011-12</b>	69 623.7	12 844.2	82 467.8	87 370.8	32 876.7	120 247.5	156 994.4	45 720.8	202 715.3
<b>2012-13</b>	72 036.1	10 359.9	82 396.0	99 132.7	32 939.5	132 072.2	171 168.8	43 299.4	214 468.2
<b>2012</b>									
Dec Qtr	18 889.0	2 670.5	21 559.5	26 898.2	8 369.2	35 267.3	45 787.1	11 039.7	56 826.8
<b>2013</b>									
Mar Qtr	16 477.7	2 389.3	18 867.0	22 445.1	7 524.8	29 969.8	38 922.8	9 914.1	48 836.8
Jun Qtr	18 411.0	2 711.2	21 122.2	24 182.2	9 374.4	33 556.6	42 593.2	12 085.6	54 678.8
Sep Qtr	19 504.9	2 927.5	22 432.4	26 507.8	7 210.5	33 718.4	46 012.7	10 138.0	56 150.8
Dec Qtr	19 170.1	3 109.8	22 280.0	27 189.5	7 742.5	34 932.0	46 359.6	10 852.3	57 212.0
<b>2014</b>									
Mar Qtr	18 033.2	2 404.9	20 438.1	23 589.0	6 900.9	30 489.8	41 622.2	9 305.7	50 927.9
SEASONALLY ADJUSTED									
<b>2012</b>									
Dec Qtr	18 244.2	2 540.5	20 784.7	25 311.6	8 454.8	33 766.4	43 555.8	10 995.3	54 551.1
<b>2013</b>									
Mar Qtr	18 042.3	2 577.5	20 619.8	24 340.4	8 117.4	32 457.7	42 382.7	10 694.8	53 077.5
Jun Qtr	18 404.6	2 658.7	21 063.3	24 129.8	8 217.3	32 347.1	42 534.5	10 876.0	53 410.5
Sep Qtr	18 551.9	2 925.1	21 477.0	26 124.2	7 637.3	33 761.6	44 676.1	10 562.4	55 238.5
Dec Qtr	18 534.9	2 952.6	21 487.5	25 634.9	7 827.3	33 462.2	44 169.8	10 779.9	54 949.6
<b>2014</b>									
Mar Qtr	19 707.4	2 598.4	22 305.7	25 511.5	7 481.6	32 993.0	45 218.8	10 079.9	55 298.8
TREND									
<b>2012</b>									
Dec Qtr	17 911.9	2 530.4	20 442.3	24 969.5	8 311.0	33 280.5	42 881.4	10 841.4	53 722.8
<b>2013</b>									
Mar Qtr	18 214.9	2 571.8	20 786.7	24 645.5	8 207.8	32 853.3	42 860.4	10 779.6	53 640.0
Jun Qtr	18 324.9	2 731.3	21 056.2	24 779.4	8 057.9	32 837.3	43 104.3	10 789.2	53 893.6
Sep Qtr	18 506.0	2 841.3	21 347.3	25 318.2	7 849.7	33 167.8	43 824.2	10 691.0	54 515.2
Dec Qtr	18 885.6	2 843.5	21 729.1	25 708.5	7 684.4	33 392.8	44 594.1	10 527.8	55 121.9
<b>2014</b>									
Mar Qtr	19 357.2	2 764.0	22 121.2	25 841.9	7 536.5	33 378.4	45 199.0	10 300.6	55 499.6

## CONSTRUCTION WORK DONE, Current prices—Change from previous period

Period	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	Public	Total	Private	Public	Total	Private	Public	Total
	%	%	%	%	%	%	%	%	%
ORIGINAL									
<b>2010–11</b>	4.1	9.0	5.1	20.1	4.2	13.9	10.7	5.9	9.3
<b>2011–12</b>	—	-28.7	-5.9	56.9	6.4	38.9	25.3	-6.5	16.4
<b>2012–13</b>	3.5	-19.3	-0.1	13.5	0.2	9.8	9.0	-5.3	5.8
<b>2012</b>									
Dec Qtr	3.5	3.2	3.4	5.0	9.1	6.0	4.4	7.6	5.0
<b>2013</b>									
Mar Qtr	-12.8	-10.5	-12.5	-16.6	-10.1	-15.0	-15.0	-10.2	-14.1
Jun Qtr	11.7	13.5	12.0	7.7	24.6	12.0	9.4	21.9	12.0
Sep Qtr	5.9	8.0	6.2	9.6	-23.1	0.5	8.0	-16.1	2.7
Dec Qtr	-1.7	6.2	-0.7	2.6	7.4	3.6	0.8	7.0	1.9
<b>2014</b>									
Mar Qtr	-5.9	-22.7	-8.3	-13.2	-10.9	-12.7	-10.2	-14.3	-11.0
SEASONALLY ADJUSTED									
<b>2012</b>									
Dec Qtr	5.1	-1.7	4.2	-0.4	4.2	0.7	1.9	2.8	2.1
<b>2013</b>									
Mar Qtr	-1.1	1.5	-0.8	-3.8	-4.0	-3.9	-2.7	-2.7	-2.7
Jun Qtr	2.0	3.2	2.2	-0.9	1.2	-0.3	0.4	1.7	0.6
Sep Qtr	0.8	10.0	2.0	8.3	-7.1	4.4	5.0	-2.9	3.4
Dec Qtr	-0.1	0.9	—	-1.9	2.5	-0.9	-1.1	2.1	-0.5
<b>2014</b>									
Mar Qtr	6.3	-12.0	3.8	-0.5	-4.4	-1.4	2.4	-6.5	0.6
TREND									
<b>2012</b>									
Dec Qtr	2.0	-4.2	1.2	-1.7	-0.5	-1.4	-0.2	-1.4	-0.4
<b>2013</b>									
Mar Qtr	1.7	1.6	1.7	-1.3	-1.2	-1.3	—	-0.6	-0.2
Jun Qtr	0.6	6.2	1.3	0.5	-1.8	—	0.6	0.1	0.5
Sep Qtr	1.0	4.0	1.4	2.2	-2.6	1.0	1.7	-0.9	1.2
Dec Qtr	2.1	0.1	1.8	1.5	-2.1	0.7	1.8	-1.5	1.1
<b>2014</b>									
Mar Qtr	2.5	-2.8	1.8	0.5	-1.9	—	1.4	-2.2	0.7

— nil or rounded to zero (including null cells)

CONSTRUCTION WORK DONE, States and territories—Current prices: **Original**

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BUILDING WORK DONE									
<b>2010–11</b>	21 422.2	24 526.8	17 841.7	5 513.2	12 817.4	1 558.2	1 218.4	2 722.2	87 620.0
<b>2011–12</b>	18 679.4	24 633.1	16 127.5	4 953.4	12 585.3	1 267.2	1 433.9	2 788.1	82 467.8
<b>2012–13</b>	20 658.8	24 633.0	15 318.9	4 478.1	12 179.4	1 029.2	1 664.4	2 434.2	82 396.0
<b>2012</b>									
Dec Qtr	5 403.6	6 663.8	4 088.7	1 106.8	2 975.7	271.1	392.6	657.3	21 559.5
<b>2013</b>									
Mar Qtr	4 743.4	5 518.7	3 500.7	1 037.4	2 950.5	224.9	359.4	532.1	18 867.0
Jun Qtr	5 441.8	6 155.5	3 904.6	1 231.2	3 081.5	240.8	466.2	600.6	21 122.2
Sep Qtr	5 684.9	6 588.5	4 211.4	1 263.6	3 404.0	270.8	475.0	534.1	22 432.4
Dec Qtr	5 784.8	6 345.5	4 179.9	1 234.9	3 436.3	262.3	555.3	481.0	22 280.0
<b>2014</b>									
Mar Qtr	5 759.8	5 621.5	3 669.2	1 038.0	3 155.6	236.8	459.5	497.6	20 438.1
ENGINEERING WORK DONE									
<b>2010–11</b>	18 469.9	11 188.9	24 133.7	4 669.8	25 467.4	959.8	927.8	768.9	86 586.3
<b>2011–12</b>	22 386.3	11 928.9	35 421.5	4 922.5	41 817.2	1 015.9	1 925.4	829.8	120 247.5
<b>2012–13</b>	24 150.6	11 112.9	40 458.4	5 912.6	44 656.1	1 154.1	3 838.9	788.6	132 072.2
<b>2012</b>									
Dec Qtr	6 356.0	3 044.4	10 670.9	1 459.7	11 814.0	384.1	1 337.8	200.4	35 267.3
<b>2013</b>									
Mar Qtr	5 439.1	2 506.7	9 373.2	1 432.6	10 049.7	^ 265.3	718.7	184.5	29 969.8
Jun Qtr	6 177.6	2 771.4	10 336.0	1 582.8	11 044.6	297.5	1 123.4	223.2	33 556.6
Sep Qtr	4 889.7	2 606.4	11 464.4	1 378.2	11 643.4	220.0	1 325.2	191.1	33 718.4
Dec Qtr	5 509.6	2 626.4	12 003.9	1 560.0	11 362.7	275.9	1 397.7	^ 195.8	34 932.0
<b>2014</b>									
Mar Qtr	5 122.9	2 582.1	9 552.2	1 234.5	10 576.6	282.1	957.9	^ 181.6	30 489.8
CONSTRUCTION WORK DONE									
<b>2010–11</b>	39 892.1	35 715.7	41 975.4	10 183.0	38 284.7	2 518.0	2 146.2	3 491.1	174 206.3
<b>2011–12</b>	41 065.7	36 562.0	51 548.9	9 876.0	54 402.5	2 283.1	3 359.3	3 617.9	202 715.3
<b>2012–13</b>	44 809.5	35 745.9	55 777.2	10 390.7	56 835.5	2 183.3	5 503.3	3 222.8	214 468.2
<b>2012</b>									
Dec Qtr	11 759.6	9 708.2	14 759.6	2 566.5	14 789.7	655.2	1 730.4	857.7	56 826.8
<b>2013</b>									
Mar Qtr	10 182.5	8 025.4	12 873.9	2 470.0	13 000.2	490.2	1 078.1	716.6	48 836.8
Jun Qtr	11 619.4	8 926.9	14 240.6	2 814.0	14 126.2	538.4	1 589.6	823.8	54 678.8
Sep Qtr	10 574.7	9 194.9	15 675.9	2 641.8	15 047.4	490.8	1 800.3	725.1	56 150.8
Dec Qtr	11 294.4	8 971.8	16 183.8	2 794.9	14 799.0	538.2	1 953.0	676.8	57 212.0
<b>2014</b>									
Mar Qtr	10 882.8	8 203.6	13 221.4	2 272.5	13 732.2	518.9	1 417.4	679.2	50 927.9

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	%	%	%	%	%	%	%	%	%
.....									
BUILDING WORK DONE									
<b>2010–11</b>	3.8	8.9	-2.7	3.9	10.2	3.8	17.0	13.5	5.1
<b>2011–12</b>	-12.8	0.4	-9.6	-10.2	-1.8	-18.7	17.7	2.4	-5.9
<b>2012–13</b>	10.6	—	-5.0	-9.6	-3.2	-18.8	16.1	-12.7	-0.1
<b>2012</b>									
Dec Qtr	6.6	5.9	6.9	0.4	-6.2	-7.3	-12.0	2.0	3.4
<b>2013</b>									
Mar Qtr	-12.2	-17.2	-14.4	-6.3	-0.8	-17.0	-8.5	-19.1	-12.5
Jun Qtr	14.7	11.5	11.5	18.7	4.4	7.1	29.7	12.9	12.0
Sep Qtr	4.5	7.0	7.9	2.6	10.5	12.4	1.9	-11.1	6.2
Dec Qtr	1.8	-3.7	-0.7	-2.3	0.9	-3.1	16.9	-9.9	-0.7
<b>2014</b>									
Mar Qtr	-0.4	-11.4	-12.2	-15.9	-8.2	-9.7	-17.2	3.5	-8.3
.....									
ENGINEERING WORK DONE									
<b>2010–11</b>	14.1	17.3	23.3	-0.6	8.4	-0.4	-20.7	90.2	13.9
<b>2011–12</b>	21.2	6.6	46.8	5.4	64.2	5.8	107.5	7.9	38.9
<b>2012–13</b>	7.9	-6.8	14.2	20.1	6.8	13.6	99.4	-5.0	9.8
<b>2012</b>									
Dec Qtr	2.9	9.1	5.9	1.5	0.6	85.5	103.0	11.0	6.0
<b>2013</b>									
Mar Qtr	-14.4	-17.7	-12.2	-1.9	-14.9	-30.9	-46.3	-7.9	-15.0
Jun Qtr	13.6	10.6	10.3	10.5	9.9	12.1	56.3	21.0	12.0
Sep Qtr	-20.8	-6.0	10.9	-12.9	5.4	-26.1	18.0	-14.4	0.5
Dec Qtr	12.7	0.8	4.7	13.2	-2.4	25.5	5.5	2.5	3.6
<b>2014</b>									
Mar Qtr	-7.0	-1.7	-20.4	-20.9	-6.9	2.2	-31.5	-7.3	-12.7
.....									
CONSTRUCTION WORK DONE									
<b>2010–11</b>	8.4	11.4	10.7	1.8	9.0	2.2	-2.9	24.6	9.3
<b>2011–12</b>	2.9	2.4	22.8	-3.0	42.1	-9.3	56.5	3.6	16.4
<b>2012–13</b>	9.1	-2.2	8.2	5.2	4.5	-4.4	63.8	-10.9	5.8
<b>2012</b>									
Dec Qtr	4.5	6.9	6.2	1.0	-0.9	31.2	56.6	4.0	5.0
<b>2013</b>									
Mar Qtr	-13.4	-17.3	-12.8	-3.8	-12.1	-25.2	-37.7	-16.5	-14.1
Jun Qtr	14.1	11.2	10.6	13.9	8.7	9.8	47.5	15.0	12.0
Sep Qtr	-9.0	3.0	10.1	-6.1	6.5	-8.8	13.3	-12.0	2.7
Dec Qtr	6.8	-2.4	3.2	5.8	-1.7	9.7	8.5	-6.7	1.9
<b>2014</b>									
Mar Qtr	-3.6	-8.6	-18.3	-18.7	-7.2	-3.6	-27.4	0.4	-11.0

— nil or rounded to zero (including null cells)

## VALUE OF BUILDING WORK DONE, Chain volume measures(a)

Period	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
<b>2010-11</b>	40 219.7	43 095.2	7 612.6	7 915.4	47 832.6	51 012.2	22 303.7	37 218.9	70 128.8	88 230.4
<b>2011-12</b>	38 689.9	39 943.9	7 384.9	7 622.3	46 074.8	47 566.2	23 548.9	34 901.7	69 623.7	82 467.8
<b>2012-13</b>	40 635.3	41 348.5	6 836.6	7 000.1	47 471.9	48 348.5	24 090.0	33 584.0	71 561.9	81 932.5
<b>2012</b>										
Dec Qtr	10 472.2	10 689.9	1 902.4	1 939.8	12 374.6	12 629.6	6 460.4	8 885.2	18 835.0	21 514.9
<b>2013</b>										
Mar Qtr	9 484.7	9 623.6	1 438.3	1 473.8	10 923.0	11 097.4	5 431.2	7 652.2	16 354.3	18 749.7
Jun Qtr	10 316.9	10 475.3	1 694.9	1 749.1	12 011.9	12 224.4	6 128.2	8 621.4	18 140.1	20 845.9
Sep Qtr	10 874.6	11 068.6	1 734.2	1 779.5	12 608.8	12 848.1	6 519.1	9 195.1	19 127.9	22 043.2
Dec Qtr	10 490.8	10 683.2	1 871.2	1 923.7	12 362.0	12 607.0	6 374.1	9 221.2	18 736.1	21 828.2
<b>2014</b>										
Mar Qtr	10 300.3	10 483.0	1 526.8	1 558.5	11 827.1	12 041.5	5 729.2	7 901.6	17 556.3	19 943.1
SEASONALLY ADJUSTED										
<b>2012</b>										
Dec Qtr	10 240.0	10 447.6	1 739.7	1 779.2	11 979.7	12 226.8	6 219.1	8 519.6	18 198.8	20 746.4
<b>2013</b>										
Mar Qtr	10 210.4	10 366.0	1 641.8	1 681.3	11 852.1	12 047.3	6 059.6	8 447.5	17 911.8	20 494.7
Jun Qtr	10 318.5	10 475.4	1 728.5	1 771.9	12 047.0	12 247.3	6 086.6	8 539.5	18 133.6	20 786.8
Sep Qtr	10 379.7	10 571.2	1 663.4	1 714.6	12 043.1	12 285.7	6 162.7	8 831.2	18 205.8	21 116.9
Dec Qtr	10 276.0	10 458.4	1 711.4	1 765.3	11 987.4	12 223.7	6 146.1	8 843.9	18 133.5	21 067.7
<b>2014</b>										
Mar Qtr	11 074.6	11 276.6	1 743.8	1 778.3	12 818.3	13 054.9	6 371.7	8 712.1	19 190.1	21 766.9
TREND										
<b>2012</b>										
Dec Qtr	10 121.5	10 303.8	1 707.6	1 746.9	11 829.1	12 050.7	6 025.6	8 338.3	17 854.7	20 389.0
<b>2013</b>										
Mar Qtr	10 273.7	10 443.1	1 691.9	1 731.9	11 965.6	12 175.0	6 103.5	8 468.9	18 069.0	20 643.9
Jun Qtr	10 279.3	10 445.6	1 682.7	1 728.3	11 962.0	12 173.9	6 116.2	8 631.5	18 078.2	20 805.5
Sep Qtr	10 342.9	10 519.1	1 692.3	1 741.3	12 035.1	12 260.3	6 131.4	8 735.3	18 166.5	20 995.1
Dec Qtr	10 537.9	10 728.2	1 710.9	1 758.6	12 248.8	12 486.7	6 215.0	8 802.5	18 463.8	21 288.9
<b>2014</b>										
Mar Qtr	10 811.3	11 011.8	1 726.2	1 768.9	12 538.1	12 781.1	6 308.6	8 802.9	18 846.7	21 587.4

(a) Reference year for chain volume measures is 2011-12. Refer to paragraphs 27-31 of the Explanatory notes



VALUE OF BUILDING WORK DONE, Chain volume measures(a)—Change from previous period

Period	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%	%	%	%	%
ORIGINAL										
<b>2010-11</b>	2.0	3.5	5.1	6.4	2.5	4.0	-0.4	0.9	1.5	2.7
<b>2011-12</b>	-3.8	-7.3	-3.0	-3.7	-3.7	-6.8	5.6	-6.2	-0.7	-6.5
<b>2012-13</b>	5.0	3.5	-7.4	-8.2	3.0	1.6	2.3	-3.8	2.8	-0.6
<b>2012</b>										
Dec Qtr	1.1	1.2	5.6	5.6	1.7	1.9	6.4	5.5	3.3	3.3
<b>2013</b>										
Mar Qtr	-9.4	-10.0	-24.4	-24.0	-11.7	-12.1	-15.9	-13.9	-13.2	-12.9
Jun Qtr	8.8	8.8	17.8	18.7	10.0	10.2	12.8	12.7	10.9	11.2
Sep Qtr	5.4	5.7	2.3	1.7	5.0	5.1	6.4	6.7	5.4	5.7
Dec Qtr	-3.5	-3.5	7.9	8.1	-2.0	-1.9	-2.2	0.3	-2.0	-1.0
<b>2014</b>										
Mar Qtr	-1.8	-1.9	-18.4	-19.0	-4.3	-4.5	-10.1	-14.3	-6.3	-8.6
SEASONALLY ADJUSTED										
<b>2012</b>										
Dec Qtr	3.7	3.8	0.7	0.6	3.3	3.3	8.4	5.4	5.0	4.1
<b>2013</b>										
Mar Qtr	-0.3	-0.8	-5.6	-5.5	-1.1	-1.5	-2.6	-0.8	-1.6	-1.2
Jun Qtr	1.1	1.1	5.3	5.4	1.6	1.7	0.4	1.1	1.2	1.4
Sep Qtr	0.6	0.9	-3.8	-3.2	—	0.3	1.3	3.4	0.4	1.6
Dec Qtr	-1.0	-1.1	2.9	3.0	-0.5	-0.5	-0.3	0.1	-0.4	-0.2
<b>2014</b>										
Mar Qtr	7.8	7.8	1.9	0.7	6.9	6.8	3.7	-1.5	5.8	3.3
TREND										
<b>2012</b>										
Dec Qtr	2.4	2.1	-1.2	-1.3	1.9	1.6	1.3	-0.1	1.7	0.9
<b>2013</b>										
Mar Qtr	1.5	1.4	-0.9	-0.9	1.2	1.0	1.3	1.6	1.2	1.3
Jun Qtr	0.1	—	-0.5	-0.2	—	—	0.2	1.9	0.1	0.8
Sep Qtr	0.6	0.7	0.6	0.7	0.6	0.7	0.2	1.2	0.5	0.9
Dec Qtr	1.9	2.0	1.1	1.0	1.8	1.8	1.4	0.8	1.6	1.4
<b>2014</b>										
Mar Qtr	2.6	2.6	0.9	0.6	2.4	2.4	1.5	—	2.1	1.4

— nil or rounded to zero (including null cells)

(a) Reference year for chain volume measures is 2011-12. Refer to paragraphs 27-31 of the Explanatory Notes.

## VALUE OF BUILDING WORK DONE, Current prices

Period	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
<b>2010-11</b>	39 880.2	42 737.3	7 506.8	7 804.5	47 387.0	50 541.8	22 212.8	37 078.1	69 599.8	87 620.0
<b>2011-12</b>	38 689.9	39 943.9	7 384.9	7 622.3	46 074.8	47 566.2	23 548.9	34 901.7	69 623.7	82 467.8
<b>2012-13</b>	41 046.2	41 767.7	6 948.6	7 113.2	47 994.9	48 880.8	24 041.2	33 515.1	72 036.1	82 396.0
<b>2012</b>										
Dec Qtr	10 531.2	10 751.2	1 920.0	1 956.8	12 451.1	12 708.0	6 437.8	8 851.5	18 889.0	21 559.5
<b>2013</b>										
Mar Qtr	9 597.4	9 738.3	1 467.7	1 503.2	11 065.1	11 241.5	5 412.6	7 625.5	16 477.7	18 867.0
Jun Qtr	10 530.6	10 692.0	1 750.7	1 806.3	12 281.2	12 498.3	6 129.8	8 623.9	18 411.0	21 122.2
Sep Qtr	11 165.8	11 365.1	1 806.6	1 852.9	12 972.4	13 218.0	6 532.5	9 214.4	19 504.9	22 432.4
Dec Qtr	10 824.8	11 024.5	1 960.5	2 015.0	12 785.3	13 039.4	6 384.8	9 240.5	19 170.1	22 280.0
<b>2014</b>										
Mar Qtr	10 670.3	10 859.3	1 606.7	1 639.6	12 277.0	12 498.9	5 756.2	7 939.2	18 033.2	20 438.1
SEASONALLY ADJUSTED										
<b>2012</b>										
Dec Qtr	10 294.6	10 503.5	1 752.5	1 791.4	12 047.1	12 294.9	6 197.1	8 489.8	18 244.2	20 784.7
<b>2013</b>										
Mar Qtr	10 331.8	10 488.6	1 672.4	1 711.5	12 004.1	12 200.0	6 038.2	8 419.7	18 042.3	20 619.8
Jun Qtr	10 535.0	10 693.5	1 782.4	1 826.4	12 317.3	12 519.9	6 087.3	8 543.4	18 404.6	21 063.3
Sep Qtr	10 649.4	10 844.8	1 729.2	1 782.3	12 378.6	12 627.1	6 173.3	8 849.9	18 551.9	21 477.0
Dec Qtr	10 591.1	10 778.8	1 789.4	1 846.1	12 380.5	12 624.9	6 154.3	8 862.5	18 534.9	21 487.5
<b>2014</b>										
Mar Qtr	11 464.4	11 672.2	1 831.3	1 867.9	13 295.7	13 540.1	6 411.6	8 765.7	19 707.4	22 305.7
TREND										
<b>2012</b>										
Dec Qtr	10 182.0	10 365.1	1 722.8	1 761.7	11 904.8	12 126.8	6 007.1	8 315.5	17 911.9	20 442.3
<b>2013</b>										
Mar Qtr	10 402.7	10 573.4	1 723.9	1 763.7	12 126.6	12 337.1	6 088.3	8 449.6	18 214.9	20 786.7
Jun Qtr	10 481.2	10 649.7	1 733.1	1 779.4	12 214.3	12 429.2	6 110.6	8 627.1	18 324.9	21 056.2
Sep Qtr	10 609.7	10 789.6	1 758.0	1 808.7	12 367.7	12 598.3	6 138.3	8 749.0	18 506.0	21 347.3
Dec Qtr	10 863.2	11 058.5	1 788.6	1 838.6	12 651.8	12 897.1	6 233.8	8 832.0	18 885.6	21 729.1
<b>2014</b>										
Mar Qtr	11 202.3	11 408.1	1 815.4	1 860.6	13 017.7	13 268.7	6 339.5	8 852.5	19 357.2	22 121.2

Period	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%	%	%	%	%
ORIGINAL										
<b>2010-11</b>	4.9	6.3	8.1	9.5	5.4	6.8	1.6	2.8	4.1	5.1
<b>2011-12</b>	-3.0	-6.5	-1.6	-2.3	-2.8	-5.9	6.0	-5.9	—	-5.9
<b>2012-13</b>	6.1	4.6	-5.9	-6.7	4.2	2.8	2.1	-4.0	3.5	-0.1
<b>2012</b>										
Dec Qtr	1.4	1.6	6.1	6.0	2.1	2.2	6.2	5.2	3.5	3.4
<b>2013</b>										
Mar Qtr	-8.9	-9.4	-23.6	-23.2	-11.1	-11.5	-15.9	-13.9	-12.8	-12.5
Jun Qtr	9.7	9.8	19.3	20.2	11.0	11.2	13.3	13.1	11.7	12.0
Sep Qtr	6.0	6.3	3.2	2.6	5.6	5.8	6.6	6.8	5.9	6.2
Dec Qtr	-3.1	-3.0	8.5	8.7	-1.4	-1.4	-2.3	0.3	-1.7	-0.7
<b>2014</b>										
Mar Qtr	-1.4	-1.5	-18.0	-18.6	-4.0	-4.1	-9.8	-14.1	-5.9	-8.3
SEASONALLY ADJUSTED										
<b>2012</b>										
Dec Qtr	4.1	4.1	1.1	1.0	3.6	3.7	8.2	5.1	5.1	4.2
<b>2013</b>										
Mar Qtr	0.4	-0.1	-4.6	-4.5	-0.4	-0.8	-2.6	-0.8	-1.1	-0.8
Jun Qtr	2.0	2.0	6.6	6.7	2.6	2.6	0.8	1.5	2.0	2.2
Sep Qtr	1.1	1.4	-3.0	-2.4	0.5	0.9	1.4	3.6	0.8	2.0
Dec Qtr	-0.5	-0.6	3.5	3.6	—	—	-0.3	0.1	-0.1	—
<b>2014</b>										
Mar Qtr	8.2	8.3	2.3	1.2	7.4	7.2	4.2	-1.1	6.3	3.8
TREND										
<b>2012</b>										
Dec Qtr	2.9	2.6	-0.5	-0.7	2.4	2.1	1.2	-0.1	2.0	1.2
<b>2013</b>										
Mar Qtr	2.2	2.0	0.1	0.1	1.9	1.7	1.4	1.6	1.7	1.7
Jun Qtr	0.8	0.7	0.5	0.9	0.7	0.7	0.4	2.1	0.6	1.3
Sep Qtr	1.2	1.3	1.4	1.6	1.3	1.4	0.5	1.4	1.0	1.4
Dec Qtr	2.4	2.5	1.7	1.7	2.3	2.4	1.6	0.9	2.1	1.8
<b>2014</b>										
Mar Qtr	3.1	3.2	1.5	1.2	2.9	2.9	1.7	0.2	2.5	1.8

— nil or rounded to zero (including null cells)

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## RELATIVE STANDARD ERRORS, States and Territories

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.		
									Private	Public	Total
DECEMBER QUARTER 2013											
Building work done	1.4	1.9	2.0	1.6	1.5	2.1	1.1	2.6	0.9	1.4	0.8
Engineering work done	4.8	3.8	1.6	5.4	2.3	5.6	4.1	16.3	1.4	3.0	1.3
Construction work done	2.4	1.7	1.3	3.1	1.8	3.1	2.9	5.0	0.9	2.2	0.9
MARCH QUARTER 2014											
Building work done	1.6	1.8	1.7	1.7	1.6	2.0	0.9	1.3	0.9	1.6	0.8
Engineering work done	4.4	3.8	1.7	6.1	1.3	8.8	7.0	10.7	1.2	2.6	1.2
Construction work done	2.2	1.7	1.3	3.4	1.0	4.8	4.8	3.0	0.8	2.0	0.8

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## RELATIVE STANDARD ERRORS, Building work done—Australia

	Private	Total
	%	%
DECEMBER QUARTER 2013		
New residential building	1.1	1.1
Alterations and additions	1.8	1.8
Residential building	1.0	0.9
Non-residential building	1.9	1.4
<b>Total building</b>	<b>0.9</b>	<b>0.8</b>
MARCH QUARTER 2014		
New residential building	1.2	1.1
Alterations and additions	1.7	1.7
Residential building	1.0	1.0
Non-residential building	1.6	1.3
<b>Total building</b>	<b>0.9</b>	<b>0.8</b>

## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication contains preliminary estimates of building and engineering construction work done during the current quarter and revised estimates for the previous two quarters. The estimates of building work done and engineering work done are from the quarterly Building Activity Survey and the quarterly Engineering Construction Survey respectively. Estimates of work done are based upon a response from each survey of approximately 85% of the value of work done during the current quarter. More comprehensive and updated results will be available shortly in Building Activity, Australia (cat. no. 8752.0) and Engineering Construction Activity, Australia (cat. no. 8762.0).

### SCOPE AND COVERAGE

**2** The scope of the Building Activity Survey is all approved building activity involving the construction of new buildings or structural alterations, extensions or other additions made to existing buildings. Maintenance work is excluded but major repairs involving partial demolition and reconstruction are included.

**3** As of the September quarter 2012, the survey consists of:

- an indirect, modelled component comprising residential building work with approval values from \$10,000 to less than \$50,000 and non-residential building work with approval values from \$50,000 to less than \$250,000. The contributions from these building jobs are modelled based on their building approval details.
- a direct collection of all identified building work having approval values of \$5,000,000 or more.
- a sample survey, selected from other identified building work.

**4** For any particular quarter the Building Activity Survey includes newly selected jobs appearing in the survey for the first time and all incomplete building jobs which were selected in previous quarters. New selections are drawn from building jobs approved in the 3 month period prior to the last month in the quarter (e.g. up to the end of August for new selections in the September quarter survey) using the rules presented in paragraph 3, and any jobs otherwise identified to have commenced with approval values in excess of \$5 million, irrespective of the approval month. This may result in some jobs both approved and commencing in the last month of the quarter being shown as commencements in the following quarter.

**5** The scope of the Engineering Construction Survey is all engineering construction activity undertaken in Australia. This incorporates all construction activity except the construction of new buildings or structural alterations, extensions or other additions made to existing buildings. Maintenance work is excluded but major repairs involving partial demolition and reconstruction are included. Since Engineering Construction Survey and Building Activity Survey are activity-based, there are a number of conceptual differences with other ABS surveys. For more information, see feature article "Mining Investment in ABS Publications" which was released with publication Private New Capital Expenditure and Expected Expenditure, Australia, March 2012 (cat. no. 5625.0).

**6** In the Engineering Construction Survey, the statistical unit used to represent businesses, and for which statistics are reported, is the Australian Business Number (ABN) unit, in most cases. The ABN unit is the business unit which has registered for an ABN, and thus appears on the Australian Taxation Office (ATO) administered Australian Business Register. This unit is suitable for Australian Bureau of Statistics statistical needs when the business is simple in structure. For more significant and diverse businesses where the ABN unit is not suitable for Australian Bureau of Statistics statistical needs, the statistical unit used is the Type of Activity Unit (TAU). A TAU is comprised of one or more business entities, sub-entities or branches of a business entity within an enterprise group that can report production and employment data for similar economic activities. When a minimum set of data items is available, a TAU is created which covers all the operations within an industry subdivision – and the TAU is classified to the relevant

## EXPLANATORY NOTES *continued*

### SCOPE AND COVERAGE

*continued*

subdivision of the *Australian and New Zealand Standard Industrial Classification (ANZSIC)*. Where a business cannot supply adequate data for each industry, a TAU is formed which contains activity in more than one industry subdivision and the TAU is classified to the predominant ANZSIC subdivision.

**7** Further details about the ABS economic statistical units used in the Engineering Construction Survey, and in other ABS economic surveys (both sample surveys and censuses), can be found in Chapter 2 of the *Standard Economic Sector Classifications of Australia (SESCA) 2008* (cat. no. 1218.0).

### RELATIONSHIP WITH NATIONAL ACCOUNTS

**8** Data on the value of work done on the construction of new private sector residential buildings, alterations and additions to private sector residential buildings, private sector non-residential buildings and the value of private sector engineering construction activity are the major sources of data which are used to compile the national accounts estimates for private gross fixed capital formation on dwellings, and other buildings and structures. However, there are some adjustments to the survey data which are made in the process of compiling these national accounts series. Allowances are made for the value of activity which is out of scope of the Building Activity Survey and the Engineering Construction Survey. Such activity includes work done on projects which fall below the size cut-offs used for the Building Activity survey and also the value of building work done which is undertaken without obtaining a building permit, either because such a permit is not required or because the requisite permit is not obtained. The national accounts estimates also make allowances for purchases (less sales) of buildings and other structures from (to) the public sector.

### TREATMENT OF THE GST

**9** Statistics on the value of work (current prices) show residential building work done on a GST inclusive basis and non-residential work and engineering construction work done 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 2008 edition of the international statistical standard System of National Accounts (SNA08).

**10** SNA08 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.

**11** 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 SNA08 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.

**12** The ABS records value of work done inclusive of GST in respect of residential construction and exclusive of GST in respect of non-residential construction and engineering construction. Purchasers of residential structures are unable to deduct GST from the purchase price. For non-residential structures and engineering construction, the reverse is true in most circumstances.

**13** Total construction work is derived by adding total building work and total engineering construction work. To derive total building activity it is appropriate to add the residential and non-residential components. Valuation of the components of the total is consistent, since, for both components, the value of work done is recorded inclusive of non-deductible GST paid by the purchaser. As such, total building activity and total construction includes the non-deductible GST payable on residential building.

## EXPLANATORY NOTES *continued*

### TREATMENT OF THE GST *continued*

**14** As estimates for engineering work are provided on a GST exclusive basis, and the majority of construction materials used were exempt from Wholesale Sales Tax, the introduction of the GST had little direct effect on the estimates of engineering construction.

### CLASSIFICATION

**15** *Ownership.* The ownership of a building is classified as either *private sector* or *public sector*, according to the sector of the intended owner of the completed building as evident at the time of approval. Engineering projects are classified as either *private sector* or *public sector* according to the expected ownership of the project at the time of completion.

**16** Building jobs are classified both by the *Type of building* ('residential' and 'non-residential') and by the *Type of work* involved ('new' and 'alterations and additions'). For residential buildings these classifications are used in conjunction with each other. The classes are defined in the Glossary.

### RELIABILITY OF THE ESTIMATES

**17** The estimates of both building activity and engineering activity are based on sample surveys. Because data are not collected for all building jobs nor for all engineering jobs, the published estimates are subject to sampling variability. Relative standard errors give a measure of this variability and therefore indicate the degree of confidence that can be attached to the data.

**18** Estimates presented in the tables are subject to sampling error arising from the inclusion of a sample only; that is, they may differ from the figures that would have been obtained if all eligible building jobs and engineering businesses had been included in the surveys. The likely differences due to the sampling process can be characterised by the standard error (SE) of the estimate. To more easily determine the relative quality of an estimate or to compare the quality of different estimates, the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the corresponding estimate, is commonly used. There are about two chances in three that an estimate from a sample of a group will differ by less than one RSE of the figure that would have been obtained if the entire group were surveyed, and about nineteen chances in twenty that the difference will be less than two RSEs of the estimate. Estimated RSEs for the value of work done in this quarter are given in tables 15 and 16 of this publication.

### SEASONAL ADJUSTMENT

**19** In the seasonally adjusted series, account has been taken of normal seasonal factors, 'trading day' effects arising from the varying numbers of working days in a quarter and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters.

**20** 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.

**21** The seasonally adjusted estimates in this publication are produced by the concurrent seasonal adjustment method which takes account of the latest available original estimates. The concurrent method improves the estimation of seasonal factors and, therefore, the seasonally adjusted and trend estimates of the current and previous quarters.

**22** A more detailed review of concurrent seasonal factors will be conducted annually, generally prior to the release of data for the March quarter.

**23** The revision properties of the seasonally adjusted and trend estimates have been improved by the use of autoregressive integrated moving average (ARIMA) modelling. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The ARIMA model is assessed as part of the annual reanalysis. For

## EXPLANATORY NOTES *continued*

### SEASONAL ADJUSTMENT

*continued*

more information on the details of ARIMA modelling see feature article: *Use of ARIMA modelling to reduce revisions* in the October 2004 issue of *Australian Economic Indicators* (cat. no. 1350.0).

### TREND ESTIMATES

**24** Seasonally adjusted series can be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate.

**25** The trend estimates are derived by applying a 7-term Henderson moving average to the seasonally adjusted series. The 7-term Henderson average (like all Henderson averages) is symmetric but, as the end of a time series is approached, asymmetric forms of the average are applied. Unlike weights of the standard 7-term Henderson moving average, the weights employed here have been tailored to suit the particular characteristics of individual series.

**26** While the smoothing technique described in paragraphs 24 and 25 enables trend estimates to be produced for recent quarters, it does result in revisions to the estimates for the most recent three quarters as additional observations become available. There may also be revisions because of changes in the original data. For further information, see *Information Paper: A Guide to Interpreting Time Series—Monitoring Trends, 2003* (cat. no. 1349.0) or contact Time Series Analysis Section on (02) 6252 6345 or email <time.series.analysis@abs.gov.au>.

### CHAIN VOLUME MEASURES

**27** Chain volume estimates of the value of work done are presented in original, seasonally adjusted and trend terms.

**28** While current price estimates of value of 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, and the new engineering construction component, of the national accounts aggregate 'Gross fixed capital formation'.

**29** The chain volume measures of work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year. The reference year is updated annually in the September quarter publication. Each year's data in the value of 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. Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series.

**30** Chain volume measures do not, in general, sum exactly to the extrapolated total value of the components. Further information on the nature and concepts of chain volume measures is contained in the *ABS Information Paper: Australian National Accounts, Introduction of Chain Volume and Price Indexes* (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.

### ACKNOWLEDGMENT

**32** 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 *Census and Statistics Act 1905*.

### RELATED PRODUCTS

**33** All tables in this publication, plus some additional state and territory series are available in electronic form on the ABS web site.

















