

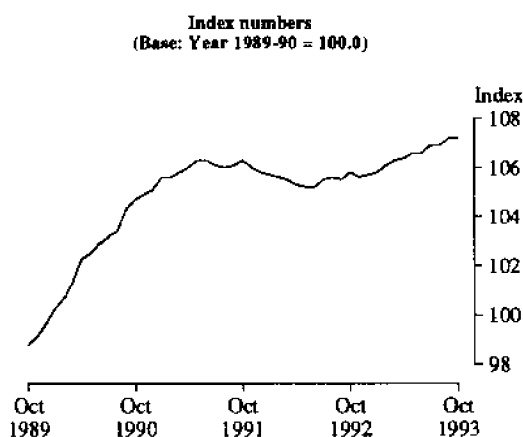
**PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE
BUILDING, SIX STATE CAPITAL CITIES AND CANBERRA, OCTOBER 1993**

NOTE: Commencing with this issue this index has been compiled on the basis of a revised list of items and updated weighting pattern. The reference base of the index has been updated to 1989-90 = 100.0. See Appendixes for further details.

MAIN FEATURES

	Change between—	
	September 93 and October 93	October 92 and October 93
	%	%
Weighted average of six State capital cities	—	1.3
Sydney	0.1	-0.3
Melbourne	0.1	2.6
Brisbane	-0.4	1.2
Adelaide	—	2.9
Perth	-0.2	1.3
Hobart	—	2.2
Canberra	-0.2	0.7

ALL GROUPS INDEX
Weighted average of six State capital cities

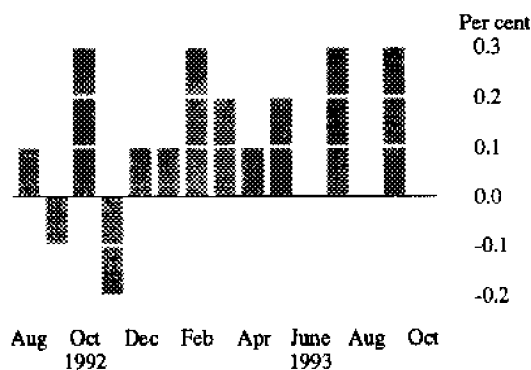


The All groups index (weighted average of the six State capital cities) was unchanged in October 1993.

Increases for a range of items were offset by decreases in other items. Significant price changes were recorded for carpet (+2.3%) and air conditioning equipment (-0.5%). See Table 2 for the major contributors to each city's price movement.

The All groups index (weighted average of the six State capital cities) increased by 1.3% from October 1992 to October 1993.

Percentage change from previous month

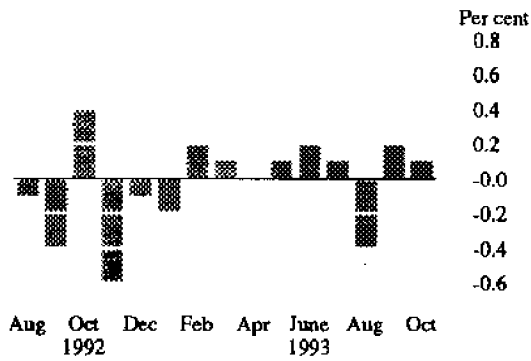


INQUIRIES

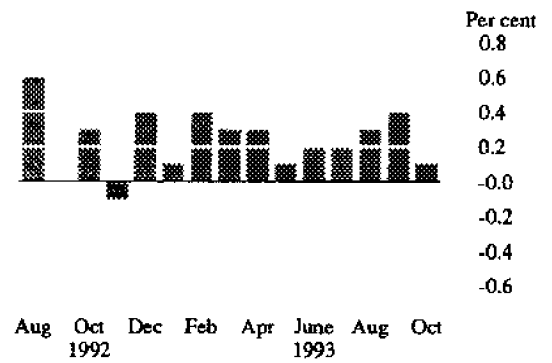
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**PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING — ALL GROUPS
PERCENTAGE CHANGE FROM PREVIOUS MONTH**

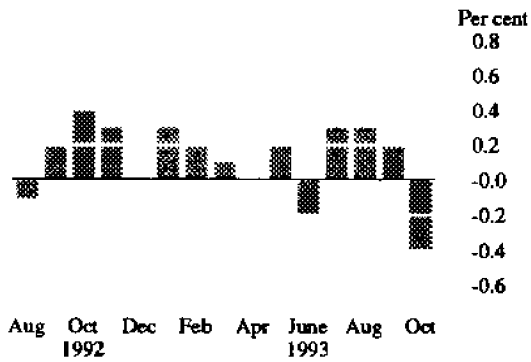
SYDNEY



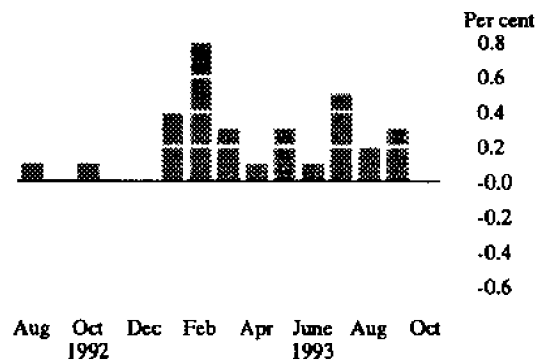
MELBOURNE



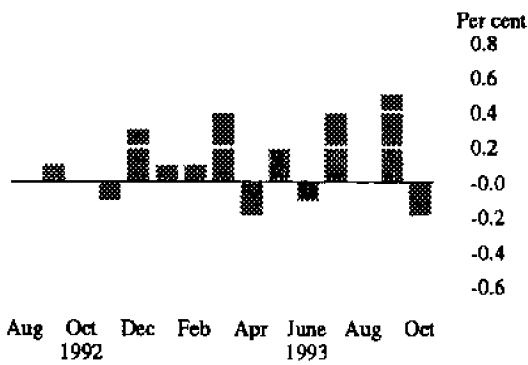
BRISBANE



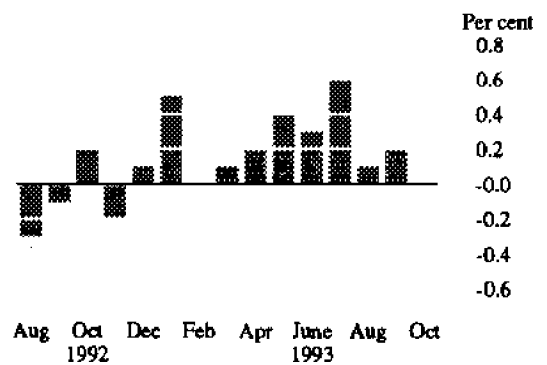
ADELAIDE



PERTH



HOBART



CANBERRA

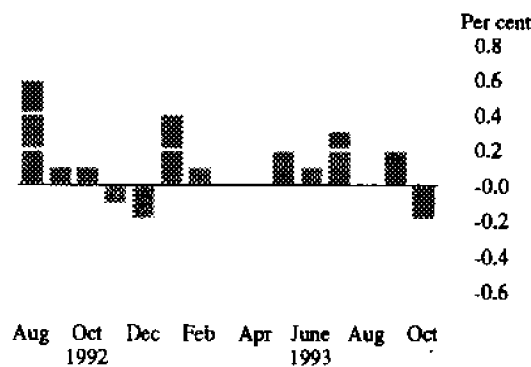


TABLE 1. PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING—ALL GROUPS

	<i>Weighted average of six State capital cities</i>	<i>Sydney</i>	<i>Melbourne</i>	<i>Brisbane</i>	<i>Adelaide</i>	<i>Perth</i>	<i>Hobart</i>	<i>Canberra</i>
<i>(Base Year 1989-90=100.0)</i>								
1990-91	105.1	105.6	104.5	104.8	105.3	105.5	103.9	106.3
1991-92	105.7	107.2	103.4	107.4	105.4	105.2	107.1	108.8
1992-93	106.0	106.5	104.4	108.9	105.1	105.7	108.2	109.0
<i>1992-93—</i>								
August	105.6	106.9	103.6	107.9	104.3	105.3	107.8	108.8
September	105.5	106.5	103.6	108.1	104.3	105.4	107.7	108.9
October	105.8	106.9	103.9	108.5	104.4	105.4	107.9	109.0
November	105.6	106.3	103.8	108.8	104.4	105.3	107.7	108.9
December	105.7	106.2	104.2	108.8	104.4	105.6	107.8	108.7
January	105.8	106.0	104.3	109.1	104.8	105.7	108.3	109.1
February	106.1	106.2	104.7	109.3	105.6	105.8	108.3	109.2
March	106.3	106.3	105.0	109.4	105.9	106.2	108.4	109.2
April	106.4	106.3	105.3	109.4	106.0	106.0	108.6	109.2
May	106.6	106.4	105.4	109.6	106.3	106.2	109.0	109.4
June	106.6	106.6	105.6	109.4	106.4	106.1	109.3	109.5
<i>1993-94—</i>								
July p	106.9	106.7	105.8	109.7	106.9	106.5	110.0	109.8
August p	106.9	106.3	106.1	110.0	107.1	106.5	110.1	109.8
September p	107.2	106.5	106.5	110.2	107.4	107.0	110.3	110.0
October p	107.2	106.6	106.6	109.8	107.4	106.8	110.3	109.8
PERCENTAGE CHANGES								
<i>Change from previous year</i>								
1990-91	5.1	5.6	4.5	4.8	5.3	5.5	3.9	6.3
1991-92	0.6	1.5	-1.1	2.5	0.1	-0.3	3.1	2.4
1992-93	0.3	-0.7	1.0	1.4	-0.3	0.5	1.1	0.2
<i>Change from corresponding month of previous year</i>								
<i>1992-93—</i>								
August	-0.4	0.1	-1.1	1.0	-1.8	0.1	1.0	0.4
September	-0.6	-0.9	-0.9	0.9	-1.8	0.6	0.9	0.3
October	-0.5	-1.0	-0.4	1.1	-1.4	0.5	1.4	-0.3
November	-0.4	-1.0	-0.1	1.3	-1.3	—	0.7	—
December	-0.1	-1.0	0.8	1.0	-1.2	0.3	0.8	-0.2
January	0.1	-1.1	1.3	1.4	-0.7	0.3	1.2	0.5
February	0.5	-1.0	2.0	1.4	0.5	0.5	1.1	0.1
March	0.8	-0.7	2.3	1.4	1.1	0.8	0.7	0.4
April	1.0	-0.7	2.8	1.6	1.2	0.7	0.8	0.6
May	1.3	-0.2	3.0	1.8	1.6	1.0	1.0	0.6
June	1.3	-0.3	3.1	1.7	2.2	1.0	1.4	0.7
<i>1993-94—</i>								
July p	1.3	-0.3	2.7	1.6	2.6	1.1	1.8	1.5
August p	1.2	-0.6	2.4	1.9	2.7	1.1	2.1	0.9
September p	1.6	—	2.8	1.9	3.0	1.5	2.4	1.0
October p	1.3	-0.3	2.6	1.2	2.9	1.3	2.2	0.7
<i>Change from previous month</i>								
<i>1992-93—</i>								
August	0.1	-0.1	0.6	-0.1	0.1	—	-0.3	0.6
September	-0.1	-0.4	—	0.2	—	0.1	-0.1	0.1
October	0.3	0.4	0.3	0.4	0.1	—	0.2	0.1
November	-0.2	-0.6	-0.1	0.3	—	-0.1	-0.2	-0.1
December	0.1	-0.1	0.4	—	—	0.3	0.1	-0.2
January	0.1	-0.2	0.1	0.3	0.4	0.1	0.5	0.4
February	0.3	0.2	0.4	0.2	0.8	0.1	—	0.1
March	0.2	0.1	0.3	0.1	0.3	0.4	0.1	—
April	0.1	—	0.3	—	0.1	-0.2	0.2	—
May	0.2	0.1	0.1	0.2	0.3	0.2	0.4	0.2
June	—	0.2	0.2	-0.2	0.1	-0.1	0.3	0.1
<i>1993-94—</i>								
July p	0.3	0.1	0.2	0.3	0.5	0.4	0.6	0.3
August p	—	-0.4	0.3	0.3	0.2	—	0.1	—
September p	0.3	0.2	0.4	0.2	0.3	0.5	0.2	0.2
October p	—	0.1	0.1	-0.4	—	-0.2	—	-0.2

TABLE 2. PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING
CONTRIBUTION OF MAJOR ITEMS TO CHANGE BETWEEN SEPTEMBER 1993 AND OCTOBER 1993,
IN TERMS OF ALL GROUPS INDEX POINTS(a)

	<i>Weighted average of six State capital cities</i>	<i>Individual cities</i>						
		<i>Sydney</i>	<i>Mel- bourne</i>	<i>Brisbane</i>	<i>Adelaide</i>	<i>Perth</i>	<i>Hobart</i>	<i>Canberra</i>
ALL GROUPS	—	0.1	0.1	-0.4	—	-0.2	—	-0.2
SELECTED MAJOR BUILDING MATERIALS								
Structural timber	—	0.01	-0.01	—	0.02	—	0.03	—
Joinery products(b)	—	—	0.01	0.02	—	—	-0.01	—
Clay bricks	—	—	—	0.01	—	—	—	—
Ready mixed concrete	—	0.01	—	-0.08	0.05	0.02	—	—
Precast concrete products	0.01	0.01	0.02	—	-0.02	—	—	—
Concrete masonry blocks	-0.01	—	-0.03	—	—	—	—	—
Plaster and plaster products	0.01	—	—	0.03	0.07	—	—	—
Steel decking and cladding	-0.03	-0.05	—	-0.14	—	—	—	-0.07
Structural steel	—	—	0.02	-0.05	-0.06	—	—	—
Reinforcing steel, bar, fabric and mesh	-0.01	-0.03	0.01	—	—	—	—	—
Aluminium windows	0.02	0.05	—	—	—	—	—	—
Aluminium screens, doors, louvres	—	—	—	—	0.01	—	—	—
Suspended ceilings and access floors	—	—	—	—	-0.02	—	—	—
Fabricated steel products	—	—	—	—	0.03	—	—	-0.01
Builders' hardware	—	—	—	—	—	—	—	—
Elevators, escalators and travelators	-0.01	—	-0.01	—	—	—	—	—
Sand and aggregate	—	—	—	—	—	—	—	—
Carpet	0.06	0.08	0.09	—	0.02	—	—	—
Paint and other coatings	—	—	—	0.01	0.03	—	0.02	—
Non-ferrous pipes and fittings	-0.01	-0.03	—	-0.01	—	—	0.05	-0.02
Conductors	-0.01	—	-0.02	—	-0.01	-0.03	—	—
Switchboards and switchgear	—	—	—	—	—	-0.01	—	—
Lamps and light fittings	-0.01	—	—	—	—	-0.09	—	—
Fire protection	—	—	—	—	—	—	—	—
Air conditioning equipment(c)	-0.06	-0.09	0.05	-0.21	-0.16	0.02	0.06	—

(a) For an explanation of this table see paragraph 18 of the Explanatory Notes. (b) Includes built-in furniture, ready-made windows and doors, and other joinery products.
(c) Air conditioning excluding piping and electrical materials.

TABLE 3. INDEX NUMBERS BASED ON AUSTRALIAN AND NEW ZEALAND STANDARD INDUSTRIAL CLASSIFICATION (ANZSIC)
WEIGHTED AVERAGE OF SIX STATE CAPITAL CITIES
(Base of each index: Year 1989-90 = 100.0)

		Selected ANZSIC Groups										
		Ceramics (b) (262)	Cement, plaster and concrete products (263)	Iron and steel products (271)	Structural metal products (274)	Sheet metal products (2759)	Fabricated metal products (276)	Electrical equipment and appliances (c) (285)	Industrial machinery and equipment (286)	Other materials 16.29% (a)	All groups 100.00%	
		3.49% (a)	16.22% (a)	3.83% (a)	27.17% (a)	3.09% (a)	4.00% (a)	7.93% (a)	12.47% (a)			
1990-91	104.0	104.2	108.5	105.9	103.5	107.6	105.2	107.0	103.0	104.5	105.1	
1991-92	104.9	105.2	106.9	108.3	102.6	109.8	108.8	108.5	106.1	106.1	105.7	
1992-93	106.5	106.2	105.0	110.3	103.3	108.7	111.7	107.9	105.3	107.0	106.0	
1992-93---												
August	105.0	106.1	104.9	109.1	103.0	108.6	110.1	109.4	104.3	106.7	105.6	
September	105.0	106.2	104.1	109.3	102.8	108.1	110.3	109.1	104.5	107.1	105.5	
October	104.9	106.3	104.8	109.3	103.1	108.1	110.1	108.9	106.1	107.0	105.8	
November	105.3	106.2	104.6	109.4	103.0	108.1	110.0	108.4	105.8	106.5	105.6	
December	105.5	106.2	104.6	110.3	103.1	108.1	110.1	108.4	105.7	106.8	105.7	
January	105.6	106.2	104.6	110.4	103.2	108.2	111.6	107.5	105.7	107.0	105.8	
February	106.8	106.3	104.6	111.1	103.4	108.9	112.0	107.8	105.5	107.3	106.1	
March	107.8	106.2	105.3	111.3	103.6	108.9	113.5	107.7	105.4	107.3	106.3	
April	108.4	106.3	105.7	111.4	103.4	108.9	113.9	106.8	105.7	107.7	106.4	
May	109.4	106.4	105.9	111.8	103.9	109.2	114.4	106.5	105.2	107.5	106.6	
June	109.8	106.4	106.3	111.8	104.4	108.9	114.4	105.9	105.4	106.8	106.6	
1993-94---												
July p	110.7	106.7	106.6	112.0	104.5	108.9	115.4	105.9	105.5	107.3	106.9	
August p	110.9	107.1	106.1	112.2	104.5	109.2	115.5	105.2	105.6	107.6	106.9	
September p	111.1	108.0	106.1	112.0	104.7	109.8	115.8	105.7	106.9	107.7	107.2	
October p	111.6	108.1	106.3	111.2	104.7	109.8	116.0	105.5	106.4	108.1	107.2	

(a) Composition and weighting pattern as at reference base year 1989-90, see paragraph 3 of Explanatory Notes. (b) Previously 'Clay products and refractories'. (c) Previously 'Appliances and electrical equipment'.

**TABLE 4. INDEX NUMBERS FOR SELECTED BUILDING MATERIALS
WEIGHTED AVERAGE OF SIX STATE CAPITAL CITIES**
(Base of each index: Year 1989-90 = 100.0)

Material	1992-93												1993-94				
	92	93	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p	Aug. p	Sept. p	Oct. p
Structural timber	100.3	107.1	101.1	101.3	101.2	101.8	102.7	103.3	108.5	111.1	114.2	119.1	120.9	123.9	123.4	124.8	125.0
Hardwood	100.1	105.0	102.0	102.2	102.2	102.2	102.9	103.0	107.4	107.9	108.3	108.8	111.1	111.3	111.3	111.1	111.5
Softwood	100.9	109.2	100.9	101.1	100.9	102.0	103.0	104.0	109.9	113.9	118.8	127.0	128.5	133.5	132.6	135.2	135.4
Plywood and board	107.0	106.9	106.8	106.9	106.9	106.7	106.6	106.7	106.7	106.7	107.1	107.1	107.4	108.8	109.7	109.7	112.1
Joinery products(a)	105.8	106.4	105.8	105.8	105.7	106.1	106.1	106.1	106.5	107.1	107.1	107.2	107.4	107.7	108.0	108.0	108.1
Ceramic sanitaryware (b)	109.9	110.5	110.5	110.6	109.6	109.5	109.8	110.1	110.9	110.9	111.3	111.3	110.9	111.7	115.2	116.4	116.8
Ceramic tiles	102.3	102.9	102.5	102.8	103.1	103.2	103.3	103.2	102.9	103.0	102.9	103.0	103.0	103.3	103.3	103.3	103.4
Clay bricks	105.0	106.2	106.0	106.0	106.3	106.3	106.2	106.2	106.3	106.1	106.3	106.3	106.6	106.8	106.7	108.0	108.0
Cement	109.9	111.0	109.7	110.3	111.0	111.0	111.0	111.0	111.1	111.1	111.8	112.0	112.0	111.8	108.2	108.2	108.4
Ready mixed concrete	106.0	103.5	103.4	102.3	103.3	102.9	103.2	103.1	103.2	104.1	104.7	105.0	105.6	106.2	105.6	105.5	105.4
Precast concrete products	107.2	106.9	106.9	106.7	106.7	106.6	106.6	106.8	106.7	106.9	107.0	107.1	107.2	106.3	106.8	107.1	107.3
Concrete masonry blocks	112.0	108.7	110.7	109.8	110.0	109.9	107.5	108.1	107.2	107.2	107.2	107.2	107.2	107.2	107.2	107.8	107.0
Plaster and plaster products	108.4	109.9	109.4	109.5	109.5	109.5	109.5	109.4	109.4	109.7	111.8	111.7	110.4	111.7	111.6	111.6	112.3
Fibrous cement products	110.7	111.6	111.8	111.4	111.4	111.4	111.8	111.8	111.8	111.5	111.5	111.5	111.2	110.8	111.3	112.1	112.7
Steel decking and cladding	106.6	108.4	106.6	106.6	106.6	106.7	108.7	108.6	110.1	110.1	110.1	110.1	109.9	108.2	108.2	107.6	106.5
Cast iron pipes and fittings	110.9	116.3	116.2	116.1	116.2	116.2	116.1	116.1	116.1	116.1	116.3	116.3	117.7	127.0	127.8	127.9	127.8
Structural steel	100.7	101.2	100.9	100.9	101.0	100.8	100.8	101.0	101.1	101.0	101.2	102.4	102.6	103.2	103.4	103.7	103.7
Reinforcing steel bar, fabric and mesh	105.7	109.2	107.9	107.6	108.2	108.2	108.5	108.9	109.7	110.1	110.1	110.9	112.8	112.9	112.7	112.6	112.5
Aluminium windows	99.5	99.1	99.0	98.9	98.9	98.9	98.9	98.9	99.0	99.2	99.3	99.6	99.6	99.0	99.1	99.2	99.6
Aluminium screens, doors, louvres	101.5	101.6	101.8	101.8	101.8	101.5	101.5	101.5	101.5	101.5	101.6	101.1	101.3	100.9	100.9	101.1	101.1
Suspended ceilings and access floors	101.0	100.2	100.4	100.1	100.3	100.3	100.0	100.0	100.3	100.9	99.7	99.6	99.8	99.6	99.8	100.0	99.9
Fabricated steel products (c)	107.2	107.4	107.4	107.1	107.6	107.7	107.8	107.9	107.9	107.8	107.3	106.5	106.6	106.5	106.7	106.7	106.8
Sheet steel sanitaryware (d)	108.4	109.9	110.3	110.3	110.2	109.8	109.3	109.2	109.5	109.6	110.0	110.1	109.6	110.2	111.6	115.2	115.1
Builders' hardware (e.g. hinges, catches, handles, bolts, nails, etc.)	109.8	112.6	111.7	111.7	111.3	111.3	111.2	112.1	112.5	114.3	114.4	114.7	114.8	114.8	114.5	114.6	114.6
Sand and aggregate	115.6	115.3	116.0	116.1	114.7	114.7	114.5	114.5	115.1	115.1	115.1	115.9	116.0	116.4	116.4	117.1	117.5
Carpet	101.5	99.3	100.0	100.1	99.6	98.8	98.6	98.8	98.8	98.9	99.2	99.2	99.1	99.2	97.7	97.7	99.9
Paint and other coatings	116.7	118.2	117.4	117.8	117.7	117.8	118.5	118.5	118.7	118.6	118.4	118.5	118.7	119.8	119.6	119.7	120.2
Glass products	97.6	99.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.3	102.0	103.1	102.5	102.8	102.0	102.0	102.0
Non-ferrous pipes and fittings	100.8	104.6	104.2	105.5	106.2	104.1	104.4	105.5	107.0	106.4	106.6	102.6	99.9	101.0	103.3	103.1	102.3
Plastic floor coverings	106.5	107.0	105.9	105.9	106.3	106.3	106.3	106.3	106.7	108.1	108.7	108.7	108.8	109.0	109.0	109.6	110.1

(a) Includes built-in furniture, partitions, readymade windows and doors, and other joinery. (b) Previously 'Telet suites and hand basins'. (c) Previously 'Steel windows, doors, louvres and other fabricated steel products'. (d) Previously 'Urinals, baths and sinks'.

TABLE 5. INDEX NUMBERS FOR SELECTED MAJOR BUILDING MATERIALS
(Base of each index: Year 1989-90 = 100.0)

	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Steel decking and cladding	Structural steel	Reinforcing steel bar, fabric and mesh	Fabricated steel products (a)	Builders' hardware	Sand and aggregate	Carpet coatings	Paint and other coatings	Non-ferrous pipes and fittings
SYDNEY													
1990-91	103.9	99.9	110.6	104.6	105.7	103.7	104.8	104.8	105.4	110.5	103.4	111.0	105.1
1991-92	102.4	97.4	108.1	105.1	108.0	106.1	109.9	107.0	108.4	113.1	102.8	120.1	109.2
1992-93	109.7	96.7	94.6	105.2	110.8	107.4	117.2	108.0	110.1	113.3	99.4	123.3	110.4
1992-93—													
August	102.4	96.5	100.9	106.0	108.8	106.3	115.4	108.0	109.0	113.9	101.0	123.2	113.7
September	101.9	96.5	97.7	105.3	108.8	106.3	114.8	98.0	109.0	114.1	101.3	123.2	115.0
October	102.0	96.5	97.5	105.2	108.8	106.3	116.4	98.0	109.0	113.1	100.2	123.2	115.6
November	103.2	96.5	95.8	104.9	108.8	107.3	116.4	98.0	109.0	113.1	98.5	123.2	108.7
December	103.3	96.5	94.4	104.9	111.0	107.3	116.4	98.0	108.7	113.1	98.2	123.4	108.7
January	104.3	96.5	92.6	104.9	111.0	107.3	116.7	98.0	108.7	113.1	98.7	123.4	108.9
February	109.0	96.5	91.4	104.9	112.7	107.4	118.6	98.3	109.1	113.1	98.7	123.4	109.3
March	113.4	96.5	91.2	104.9	112.7	107.4	118.3	98.3	112.3	113.1	98.7	123.4	109.3
April	120.5	96.9	90.7	105.0	112.7	107.4	118.3	98.3	112.3	113.1	98.7	123.4	108.3
May	127.5	96.9	91.0	105.0	112.7	109.9	118.3	99.0	112.3	113.1	98.7	123.4	107.5
June	128.2	96.9	91.1	105.0	112.7	109.9	121.5	99.0	112.2	113.1	98.7	123.4	107.4
1993-94—													
July p	131.9	96.9	91.1	105.0	112.7	110.1	121.5	96.9	112.2	113.1	98.7	122.5	107.7
August p	128.5	96.9	88.8	105.0	112.7	110.1	121.5	97.3	113.0	113.1	96.3	122.5	109.5
September p	128.7	100.2	88.4	105.3	111.1	110.0	121.5	97.3	113.0	113.1	97.0	122.5	109.5
October p	129.7	100.2	88.5	105.5	109.5	110.0	121.1	98.2	113.0	113.1	99.9	122.5	107.7
MELBOURNE													
1990-91	100.1	103.8	107.4	103.7	104.0	98.8	106.7	99.5	105.2	115.5	102.0	111.0	99.4
1991-92	97.2	106.9	94.0	102.8	107.5	93.3	97.5	96.4	112.6	119.0	100.4	119.2	89.4
1992-93	103.2	108.5	108.2	99.5	109.0	91.3	99.2	96.0	117.2	113.8	98.8	118.8	90.9
1992-93—													
August	98.1	108.4	99.2	99.4	107.5	93.3	97.9	96.2	116.7	115.2	99.3	117.1	89.4
September	97.2	108.5	99.7	99.4	107.5	93.3	97.5	95.9	116.6	115.2	99.4	117.4	90.9
October	97.1	109.0	104.0	99.7	107.5	93.3	97.5	95.9	115.0	111.2	99.0	117.1	91.6
November	97.5	108.7	104.7	99.7	107.5	90.4	97.5	95.8	117.4	111.2	98.4	117.4	92.1
December	100.2	108.6	108.6	99.7	108.3	90.4	98.4	95.8	115.0	111.2	98.4	119.8	91.9
January	100.3	108.5	110.0	99.7	107.7	90.4	99.0	95.8	117.5	111.2	98.6	119.8	93.7
February	106.1	108.5	112.4	99.0	108.5	90.4	99.0	95.8	117.5	114.0	98.6	119.8	93.9
March	107.8	108.5	115.2	99.1	111.1	89.8	100.9	96.2	118.6	114.0	98.6	119.8	93.1
April	108.5	108.5	116.9	99.3	111.1	90.4	100.9	96.4	118.6	114.0	98.6	119.8	93.1
May	111.6	108.4	117.3	99.3	111.1	90.4	101.5	96.4	119.4	116.8	98.6	120.2	87.5
June	115.0	108.5	118.9	99.7	110.3	90.6	103.0	96.4	119.4	116.8	98.6	120.7	84.4
1993-94—													
July p	115.5	108.5	121.2	95.7	104.0	91.0	102.2	96.4	119.8	116.8	98.6	123.5	85.9
August p	115.8	108.5	123.1	97.6	104.0	91.0	101.8	96.7	117.7	116.8	95.8	124.2	86.6
September p	117.6	109.4	123.3	97.6	104.0	92.4	101.5	96.7	117.8	117.4	96.4	124.2	86.6
October p	116.3	109.4	123.3	98.1	104.0	92.6	101.7	96.7	117.6	118.9	99.7	124.4	86.7

For footnote see end of table.

TABLE 5. INDEX NUMBERS FOR SELECTED MAJOR BUILDING MATERIALS—continued
(Base of each index: Year 1989-90 = 100.0)

	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Steel decking and cladding	Structural steel	Reinforcing steel bar, fabric and mesh	Aluminium windows	Fabricated steel products (a)	Builders' hardware	Sand and aggregate	Carpet	Paint and other coatings	Non-ferrous pipes and fittings
BRISBANE														
1990-91	102.5	106.5	114.5	104.4	106.1	104.5	109.2	99.1	105.8	101.2	111.0	99.0	103.3	100.1
1991-92	102.7	109.9	120.0	108.0	107.4	107.1	114.2	99.6	108.7	104.8	121.0	96.9	111.8	106.7
1992-93	111.1	114.7	118.9	109.6	108.6	111.6	115.6	100.0	111.4	107.4	126.8	93.6	113.3	121.4
1992-93—														
August	106.1	114.3	119.8	109.3	107.0	108.7	114.4	99.9	109.5	106.6	126.8	93.0	111.4	116.4
September	107.5	114.3	119.8	109.3	107.0	108.8	114.4	99.9	109.5	106.6	126.8	93.0	113.9	119.2
October	107.7	115.4	119.8	108.9	107.0	108.8	115.0	99.9	110.6	106.6	126.8	93.0	113.9	119.5
November	107.8	116.1	119.9	108.9	107.0	110.9	115.0	99.7	112.1	106.6	126.8	93.0	113.9	118.9
December	108.4	114.9	119.1	108.9	109.7	110.9	115.2	99.8	112.1	106.7	126.8	93.0	113.9	122.3
January	109.3	114.9	119.5	109.5	109.7	112.2	116.1	99.8	112.3	107.2	126.8	93.0	113.9	123.0
February	113.5	115.5	118.0	109.7	109.7	113.4	116.1	100.3	112.3	107.3	126.8	93.0	113.9	128.1
March	114.1	114.4	117.7	110.2	109.7	113.4	116.1	100.4	112.2	108.8	126.8	95.6	113.3	126.7
April	117.1	114.4	118.1	110.2	109.7	113.4	116.1	100.4	112.2	108.8	126.8	95.6	113.3	125.1
May	117.6	115.0	117.2	110.2	109.7	114.8	116.1	100.6	112.2	109.3	126.8	94.9	112.8	116.0
June	118.1	115.0	117.4	110.2	109.7	115.4	117.9	100.6	112.2	109.3	126.8	94.9	112.8	116.0
1993-94—														
July p	122.7	115.0	117.1	111.4	108.4	115.6	119.0	100.6	112.0	108.6	127.5	95.8	114.8	117.3
August p	122.7	114.5	115.0	111.6	108.4	116.2	119.0	99.8	113.1	108.6	127.5	96.8	114.0	129.7
September p	122.5	114.0	115.0	112.6	108.4	116.2	119.0	99.8	113.1	109.1	131.9	94.7	114.0	130.3
October p	122.1	114.4	114.1	112.6	103.6	115.6	119.0	99.8	113.0	109.4	131.9	94.7	115.3	129.5
ADELAIDE														
1990-91	103.5	106.6	102.7	109.6	105.6	102.6	106.5	103.4	102.4	105.0	109.1	104.2	103.1	104.0
1991-92	99.3	112.4	98.6	113.3	103.8	99.9	103.8	103.1	102.2	110.1	112.6	102.5	108.2	103.5
1992-93	109.8	113.7	90.8	114.4	103.9	99.7	103.8	102.8	102.3	112.8	113.2	101.1	105.9	111.0
1992-93—														
August	99.1	113.5	89.2	113.8	102.3	99.6	103.3	102.8	102.0	112.2	114.7	101.4	106.0	109.8
September	103.6	113.5	89.1	113.7	102.3	99.6	103.3	102.8	102.0	112.2	114.7	101.4	106.0	109.5
October	102.3	113.5	88.2	113.7	102.3	99.6	103.3	102.8	101.7	112.2	114.7	101.4	106.0	111.8
November	102.8	113.5	88.2	113.8	103.3	99.8	103.3	102.8	102.5	112.2	114.7	101.4	106.0	111.8
December	102.8	113.7	88.2	113.8	103.3	99.8	103.3	102.8	102.5	112.2	114.7	101.4	106.0	111.8
January	103.9	113.7	88.8	114.3	104.7	99.8	103.3	102.8	102.5	112.5	112.6	100.2	106.0	111.8
February	111.8	113.7	90.4	114.4	104.7	99.8	104.1	102.8	102.5	113.5	111.3	100.2	106.0	117.3
March	116.2	113.7	91.4	115.0	104.7	99.8	104.1	102.8	102.5	113.5	111.3	101.1	106.0	113.2
April	116.2	113.3	93.4	115.0	104.7	99.8	104.1	102.8	102.5	113.5	111.3	101.1	106.1	111.2
May	128.6	113.5	95.5	115.6	104.7	99.8	104.1	102.8	102.5	113.5	112.5	101.1	105.2	107.5
June	132.5	115.2	96.9	115.8	104.7	99.8	106.1	102.8	102.5	114.4	113.4	101.1	105.8	108.8
1993-94—														
July p	139.8	115.0	96.9	115.7	104.7	102.2	107.0	103.4	102.5	114.5	113.6	101.1	106.6	108.3
August p	143.8	115.1	97.2	115.7	104.7	102.8	107.0	103.9	102.9	114.5	113.6	101.1	101.6	109.3
September p	151.4	115.1	97.2	115.9	104.7	102.8	107.0	103.9	102.9	114.5	113.6	98.8	102.9	106.3
October p	153.8	115.2	97.7	115.3	104.8	102.1	107.0	103.9	103.9	114.5	113.1	99.5	106.6	106.4

For footnotes see end of table.

TABLE 5. INDEX NUMBERS FOR SELECTED MAJOR BUILDING MATERIALS—continued
(Base of each index: Year 1989-90 = 100.0)

	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Steel decking and cladding	Structural steel	Reinforcing			Aluminum windows	Fabricated steel products (a)	Builders' hardware	Sand and aggregate	Carpet	Paint and other coatings	Non-ferrous pipes and fittings
							steel bar,	fabric mesh	and mesh							
PERTH																
1990-91	103.0	107.8	111.4	109.7	105.1	101.2	107.5	104.3	107.6	106.3	108.8	103.6	104.0	100.0		
1991-92	99.4	110.2	116.0	115.5	104.2	96.0	105.7	103.0	105.7	111.5	112.2	104.0	111.8	98.2		
1992-93	102.7	111.3	115.5	117.2	104.2	96.3	108.1	103.8	105.1	114.8	112.6	104.3	116.6	97.5		
1992-93—																
August	100.2	111.1	114.3	116.8	101.4	95.3	107.2	103.6	104.9	112.9	112.3	104.3	116.4	95.1		
September	99.8	111.1	114.1	116.8	101.7	95.8	107.2	103.6	105.1	113.0	112.4	104.3	116.4	95.6		
October	99.8	111.1	115.1	116.8	101.7	95.9	107.2	103.6	105.1	113.3	112.4	104.3	116.4	95.8		
November	99.8	110.8	115.2	116.8	101.8	96.0	107.2	103.6	105.0	112.9	112.4	104.3	116.4	96.4		
December	99.8	111.3	115.2	116.8	105.8	96.2	107.2	103.6	105.0	113.3	112.4	104.3	116.4	96.4		
January	100.1	111.3	115.2	116.8	105.8	96.2	107.2	103.6	105.2	113.7	112.4	104.3	116.4	99.8		
February	104.5	111.3	115.2	117.6	105.8	96.2	107.2	103.6	105.2	114.3	112.9	104.3	117.9	100.0		
March	104.6	111.5	116.5	117.8	105.8	96.2	107.2	104.2	105.2	117.5	112.9	104.3	116.8	100.0		
April	106.0	111.5	117.0	117.8	105.8	96.7	107.2	104.2	105.2	117.5	112.9	104.3	116.8	100.2		
May	108.5	111.5	116.9	117.8	105.8	98.1	112.3	104.2	105.2	118.1	112.9	104.3	116.8	96.9		
June	108.5	111.5	116.9	117.8	105.8	98.2	112.3	104.2	105.3	118.1	112.9	104.3	116.8	96.3		
1993-94—																
July p	110.0	113.9	116.9	117.8	105.8	98.8	112.3	104.2	105.3	118.1	115.0	104.3	119.2	94.4		
August p	110.0	113.9	116.9	117.8	105.8	99.0	112.3	103.2	105.3	118.1	115.0	104.3	120.9	94.4		
September p	109.9	113.9	116.9	118.9	105.8	99.1	112.3	104.2	106.3	118.1	115.0	105.1	120.9	94.4		
October p	109.9	113.6	117.1	118.9	105.8	99.1	112.3	104.2	106.3	118.1	115.0	105.1	121.1	94.2		
HOBART																
1990-91	105.1	105.0	105.1	107.3	102.7	104.7	104.3	97.1	103.7	106.3	106.8	103.6	105.1	105.0		
1991-92	105.5	108.0	109.8	109.6	102.9	109.5	106.0	98.7	105.2	111.9	123.6	103.1	112.3	111.9		
1992-93	108.2	111.9	113.4	109.9	104.2	111.7	109.0	97.9	102.1	113.0	125.0	102.1	114.7	132.6		
1992-93—																
August	106.9	110.9	110.7	109.6	101.8	110.8	109.2	97.3	104.8	113.4	123.6	103.1	115.5	131.6		
September	106.9	110.9	112.3	109.9	102.3	110.8	106.3	97.2	100.9	113.4	123.6	103.1	116.1	132.2		
October	107.7	111.7	111.7	109.9	101.8	110.8	106.3	97.2	100.9	112.4	125.0	103.1	116.7	132.2		
November	107.8	111.2	111.1	109.9	102.8	110.8	106.3	97.2	101.2	112.8	125.0	103.1	116.7	132.2		
December	107.8	111.2	111.1	109.9	105.7	110.8	106.8	97.2	101.2	112.7	125.0	101.3	115.3	132.2		
January	107.8	112.6	114.9	109.9	105.7	111.7	106.8	97.2	101.2	112.9	125.0	101.3	113.4	133.2		
February	107.8	112.6	114.9	109.9	105.7	111.9	106.8	97.2	101.2	112.7	125.0	101.3	113.4	133.2		
March	108.1	112.6	115.5	109.9	105.4	111.9	106.8	97.2	101.2	112.4	125.0	101.3	114.1	136.7		
April	110.5	112.8	115.5	109.9	105.4	111.9	106.8	97.2	101.6	112.8	125.0	101.3	113.3	133.6		
May	109.6	112.8	115.6	110.4	105.7	114.3	110.5	98.3	103.1	113.2	125.0	101.3	113.4	132.1		
June	110.7	112.8	116.4	110.4	106.0	114.3	110.5	101.8	103.1	113.9	128.8	101.6	113.4	130.2		
1993-94—																
July p	112.3	112.8	116.7	110.4	106.0	115.9	110.5	101.8	107.7	115.1	128.9	101.6	113.9	130.4		
August p	112.3	112.8	116.5	110.4	106.0	116.0	110.4	101.9	107.7	115.2	129.3	101.6	114.0	127.5		
September p	110.7	112.8	117.6	110.4	106.0	116.0	109.4	101.9	106.8	114.5	129.3	102.2	112.6	127.5		
October p	114.5	112.8	117.6	110.4	106.0	116.0	109.4	101.9	106.8	114.3	129.3	102.2	114.6	131.0		

(a) Previously 'Steel windows, doors, louvers and other fabricated steelwork'.

TABLE 6. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS
(Base of each index: Year 1989-90 = 100.0)

	Electrical materials										Mechanical services components					Plumbing materials											
	Conduit and accessories 7.53%		Switch boards and switch-gear 28.01%		Lamps and light fittings 33.12%		All electrical materials excluding lamps and light fittings		Air conditioning 53.44%		Fire protection 15.43%		Elevators, escalators and travellers 31.13%		All mechanical services 100.00%		Hydraulic plumbing 88.90%		Drainage 7.56%		Roof plumbing 3.54%		All plumbing materials 100.00%				
	All groups excluding electrical materials and mechanical services	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	All electrical materials	100.00%	
SYDNEY																											
1990-91	105.2	118.7	106.1	104.4	100.6	108.6	112.2	106.3	106.0	101.8	105.4	106.5	109.1	106.7	106.9	106.9	106.9	106.7	106.9	106.7	106.9	106.9	106.9	106.9	106.9	106.9	106.9
1991-92	105.9	126.9	111.0	107.9	98.3	112.2	118.3	110.5	109.8	103.0	109.1	109.2	109.1	108.8	109.2	109.2	109.2	108.8	109.2	108.8	109.2	109.2	109.2	109.2	109.2	109.2	109.2
1992-93	105.4	121.8	110.8	112.6	96.5	110.9	117.2	111.8	110.9	91.6	108.2	113.4	111.8	110.3	113.4	113.4	113.4	111.8	113.4	110.3	113.4	113.4	113.4	113.4	113.4	113.4	113.4
1992-93--																											
August	105.6	131.0	112.8	110.5	98.3	114.5	121.6	110.1	111.3	96.0	107.9	111.6	113.8	108.2	111.6	111.6	113.8	108.2	111.6	108.2	111.6	111.6	111.6	111.6	111.6	111.6	111.6
September	105.2	131.0	112.8	111.2	94.2	113.4	121.9	110.3	111.3	95.4	107.8	112.5	112.4	108.2	112.5	112.5	112.4	108.2	112.5	108.2	112.5	112.5	112.5	112.5	112.5	112.5	112.5
October	105.3	131.0	113.2	111.2	94.5	113.5	121.9	112.8	111.3	95.3	109.6	113.5	112.4	108.2	113.5	113.5	112.4	108.2	113.5	108.2	113.5	113.5	113.5	113.5	113.5	113.5	113.5
November	105.1	124.9	108.8	112.5	94.2	108.8	118.5	112.2	110.7	91.9	108.5	111.6	111.5	108.2	111.6	111.6	111.5	108.2	111.6	108.2	111.5	111.6	111.6	111.6	111.6	111.6	111.6
December	105.0	124.9	109.0	112.6	94.7	111.2	118.6	112.2	110.7	91.0	108.4	111.6	110.6	109.8	111.6	111.6	110.6	109.8	111.6	109.8	110.6	111.6	111.6	111.6	111.6	111.6	111.6
January	104.9	119.2	109.6	113.5	95.3	109.7	115.9	112.0	110.2	90.5	108.1	110.7	110.7	109.8	110.7	110.7	110.7	109.8	110.7	109.8	110.7	110.7	110.7	110.7	110.7	110.7	110.7
February	105.2	119.2	110.0	113.6	96.1	110.0	116.0	112.1	110.7	89.8	108.1	110.7	110.7	112.9	110.7	110.7	110.7	112.9	110.7	109.8	110.7	110.7	110.7	110.7	110.7	110.7	110.7
March	105.3	118.9	110.0	114.1	96.1	110.0	116.1	112.1	110.7	89.3	108.1	110.7	110.7	112.9	110.7	110.7	110.7	112.9	110.7	109.8	110.7	110.7	110.7	110.7	110.7	110.7	110.7
April	105.6	113.0	110.1	114.1	98.6	108.6	112.9	112.1	110.7	89.6	108.0	110.7	110.7	112.6	110.7	110.7	110.7	112.6	110.7	109.8	110.7	110.7	110.7	110.7	110.7	110.7	110.7
May	105.9	111.7	110.1	114.1	98.6	108.1	112.3	112.1	111.3	87.1	107.7	111.5	111.5	112.6	111.5	111.5	111.5	112.6	111.5	109.8	110.7	110.7	110.7	110.7	110.7	110.7	110.7
June	106.2	111.7	110.1	113.2	98.6	107.9	112.0	112.0	111.3	87.1	107.6	111.7	112.2	112.0	111.7	111.7	112.2	112.0	111.7	109.8	110.7	110.7	110.7	110.7	110.7	110.7	110.7
1993-94--																											
July p	106.3	111.5	110.1	113.2	98.7	107.8	111.8	112.0	111.3	89.0	107.9	118.8	114.0	112.0	118.8	118.8	114.0	112.0	118.8	112.0	118.8	118.8	118.8	118.8	118.8	118.8	118.8
August p	106.0	106.0	110.1	113.4	98.7	105.9	109.0	112.1	112.1	87.3	107.8	120.7	113.9	112.1	120.7	120.7	113.9	112.1	120.7	112.1	120.7	120.7	120.7	120.7	120.7	120.7	120.7
September p	106.0	106.0	110.1	115.2	99.3	106.6	109.7	112.8	112.1	90.3	108.8	126.8	116.2	114.1	126.8	126.8	116.2	114.1	126.8	116.2	126.8	126.8	126.8	126.8	126.8	126.8	126.8
October p	106.2	106.1	110.1	115.5	99.3	106.5	109.7	111.8	112.1	90.3	108.2	120.4	115.7	112.1	120.4	120.4	115.7	112.1	120.4	115.7	120.4	120.4	120.4	120.4	120.4	120.4	120.4
MELBOURNE																											
1990-91	104.3	118.4	109.3	104.0	99.2	107.4	111.5	103.8	104.5	101.9	103.6	103.3	109.5	105.6	103.3	103.3	109.5	105.6	103.3	105.6	109.5	103.3	103.3	103.3	103.3	103.3	103.3
1991-92	101.8	121.5	114.8	109.5	100.5	110.7	115.9	105.8	108.0	103.2	105.6	108.0	112.0	109.2	108.0	108.0	112.0	109.2	108.0	109.2	112.0	108.0	108.0	108.0	108.0	108.0	108.0
1992-93	103.4	115.8	112.8	110.1	100.7	108.9	113.1	108.0	107.8	92.7	105.5	99.3	112.0	108.2	99.3	99.3	112.0	108.2	99.3	108.2	112.0	108.2	108.2	108.2	108.2	108.2	108.2
1992-93--																											
August	102.3	117.7	112.0	110.5	102.7	110.3	114.1	106.2	107.4	95.5	104.6	99.4	112.2	109.6	99.4	99.4	112.2	109.6	99.4	109.6	112.2	109.6	109.6	109.6	109.6	109.6	109.6
September	102.2	117.8	112.0	110.7	102.7	110.3	114.2	106.9	107.4	94.8	105.0	100.2	112.3	106.8	100.2	100.2	112.3	106.8	105.0	106.8	112.3	106.8	106.8	106.8	106.8	106.8	106.8
October	102.6	117.6	112.3	110.7	100.2	109.5	114.2	108.1	107.4	94.3	105.8	100.2	111.7	106.8	100.2	100.2	111.7	106.8	105.8	106.8	111.7	106.8	106.8	106.8	106.8	106.8	106.8
November	102.4	117.9	112.3	113.1	100.1	110.2	115.3	108.5	107.3	92.6	105.7	99.6	111.7	106.8	99.6	99.6	111.7	106.8	105.7	106.8	111.7	106.8	106.8	106.8	106.8	106.8	106.8
December	103.1	117.9	111.4	112.5	100.1	110.0	115.0	108.3	107.3	92.6	105.6	99.1	111.4	106.8	99.1	99.1	111.4	106.8	105.6	106.8	111.4	106.8	106.8	106.8	106.8	106.8	106.8
January	103.3	116.0	111.2	110.2	100.1	108.7	113.1	108.3	109.3	92.9	105.9	99.5	111.4	106.8	99.5	99.5	111.4	106.8	105.9	106.8	111.4	106.8	106.8	106.8	106.8	106.8	106.8
February	103.9	116.0	111.2	108.8	100.1	108.3	112.5	108.3	107.9	92.0	105.6	99.6	112.0	106.8	99.6	99.6	112.0	106.8	105.6	106.8	112.0	106.8	106.8	106.8	106.8	106.8	106.8
March	104.5	115.7	111.9	108.4	100.1	108.2	112.3	108.5	108.0	90.2	105.4	99.9	112.1	106.8	99.9	99.9	112.1	106.8	105.4	106.8	112.1	106.8	106.8	106.8	106.8	106.8	106.8
April	104.8	114.3	112.0	108.6	99.9	107.7	111.7	108.6	108.0	90.8	105.6	100.0	112.6	106.8	100.0	100.0	112.6	106.8	105.6	106.8	112.6	106.8	106.8	106.8	106.8	106.8	106.8
May	105.0	112.1	117.6	108.6	96.9	107.5	111.4	109.1	108.0	89.6	105.8	98.5	112.6	106.8	98.5	98.5	112.6	106.8	105.8	106.8	112.6	106.8	106.8	106.8	106.8	106.8	106.8
June	105.3	111.4	117.6	108.6	96.9	107.2	111.0	109.1	108.0	89.7	105.8	97.4	111.4	106.8	97.4	97.4	111.4	106.8	105.8	106.8	111.4	106.8	106.8	106.8	106.8	106.8	106.8
1993-94--																											
July p	105.4	111.1	117.6	108.9	99.9	107.3	111.0	109.2	108.2	89.5	105.9	99.0	113.6	104.7	99.0	99.0	113.6	104.7	105.9	104.7	113.6	104.7	104.7	104.7	104.7	104.7	104.7
August p	105.9	110.1	117.6	108.9	99.9	107.0	110.5	109.6	108.2	89.7	106.2	100.9	113.8	104.7	100.9	100.9	113.8	104.7	106.2	104.7	113.8	104.7	104.7	104.7	104.7	104.7	104.7
September p	106.3	111.0	117.9	108.9	100.6	107.5	111.0	110.2	108.2	90.7	106.8	102.8	113.9	104.7	102.8	102.8	113.9	104.7	106.8	104.7	113.9	104.7	104.7	104.7	104.7	104.7	104.7
October p	106.4	109.8	117.9	108.9	100.6	107.1	110.4	110.7	108.2	90.5	107.0	103.2	113.5	104.7	103.2	103.2	113.5	104.7	107.0	104.7	113.5	104.7	104.7	104.7	104.7	104.7	104.7

TABLE 6. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—continued
(Base of each Index: Year 1989-90 = 100.0)

	Electrical materials					Mechanical services components					Plumbing materials		
	All groups excluding electrical materials and mechanical services	Switch-boards and switch-gear	Lamps and light fittings	All electrical materials	All electrical materials excluding lamps and light fittings	Air conditioning	Fire escalators and projection	Elevators, escalators and travelators	All mechanical services	Hydraulic plumbing	Drainage	Roof plumbing	All plumbing materials
	31.34%	28.01%	33.12%	100.00%		51.44%	15.43%	31.13%	100.00%	88.90%	7.55%	3.54%	100.00%
BRISBANE													
1990-91	106.1	105.7	99.4	98.2	97.7	102.8	106.5	103.0	103.3	101.6	110.3	106.3	104.5
1991-92	109.5	109.3	102.7	96.2	93.4	105.3	106.3	105.3	105.5	103.6	115.6	107.2	106.6
1992-93	110.7	114.4	106.1	99.2	96.3	108.7	111.0	96.8	106.9	109.8	116.0	107.6	110.0
1992-93													
August	109.9	111.4	104.9	98.3	95.4	106.1	110.5	98.2	105.2	106.6	117.1	106.5	108.1
September	110.0	111.4	105.1	98.4	95.6	107.1	110.5	98.5	106.0	108.1	116.6	106.5	108.8
October	110.2	114.8	105.1	98.5	96.8	108.5	110.5	98.5	107.0	108.6	115.2	106.5	108.9
November	110.5	114.8	105.1	99.3	96.8	109.3	110.5	97.3	107.3	108.5	115.2	106.5	108.8
December	110.4	114.9	105.1	99.3	96.8	109.5	110.8	97.1	107.5	110.6	115.8	108.4	110.6
January	110.8	116.1	105.2	99.3	97.3	109.7	111.5	96.7	107.6	110.9	115.8	108.4	110.8
February	111.0	116.1	105.2	99.7	97.3	109.7	111.5	96.7	107.6	111.5	115.8	108.4	111.6
March	111.1	116.1	105.2	99.7	97.3	109.7	111.5	96.7	107.6	111.5	115.8	108.4	111.6
April	111.3	116.3	105.2	98.8	96.0	109.8	111.5	96.4	107.6	112.5	116.0	108.4	111.6
May	111.4	116.3	105.2	100.1	95.5	109.8	111.5	93.8	107.2	113.1	116.2	108.4	111.9
June	111.4	115.5	111.1	99.4	94.6	109.0	111.5	93.8	106.7	108.2	115.5	108.4	109.4
1993-94													
July p	111.8	115.3	111.1	99.4	94.4	109.0	112.0	94.1	106.7	110.7	118.5	107.5	110.8
August p	112.0	114.4	111.1	99.4	94.4	110.3	112.1	93.5	107.5	116.9	119.3	107.5	114.1
September p	112.2	114.4	111.0	99.4	94.6	110.8	112.1	94.6	108.1	117.4	121.9	107.5	114.7
October p	111.9	114.4	111.1	99.4	94.5	108.8	112.1	94.6	107.0	117.4	122.2	107.1	114.7
ADELAIDE													
1990-91	104.5	118.4	101.3	109.0	112.6	109.0	104.1	100.0	106.9	103.8	104.8	105.8	104.6
1991-92	104.2	109.0	100.7	108.0	111.4	112.7	104.2	101.5	109.8	103.8	107.5	105.2	104.8
1992-93	103.9	100.4	103.2	106.0	107.3	114.6	110.5	93.0	110.3	105.1	106.7	105.0	105.3
1992-93													
August	103.1	113.4	113.4	104.8	107.4	113.9	105.7	95.5	109.7	104.9	107.7	103.4	104.8
September	103.1	113.5	99.1	104.8	107.4	114.1	108.1	93.5	109.7	104.7	107.4	103.4	104.7
October	103.1	113.8	99.1	104.9	107.5	114.2	109.9	101.1	109.7	104.6	106.0	103.4	104.4
November	103.2	113.8	98.9	104.8	107.5	114.3	109.9	92.9	110.0	104.0	106.2	104.3	104.4
December	103.3	113.8	98.9	104.8	107.6	114.5	110.7	92.9	110.3	104.7	107.7	105.7	105.5
January	103.5	114.4	98.9	105.1	108.0	114.9	110.7	93.5	110.6	105.2	107.7	105.7	105.8
February	104.0	114.4	111.2	105.1	108.0	115.2	110.7	93.4	110.8	107.8	107.5	105.7	107.1
March	104.5	114.4	111.2	109.0	108.0	115.2	112.4	93.0	110.8	106.2	105.8	105.7	106.0
April	104.8	114.4	111.3	108.0	106.5	114.8	112.4	93.4	110.7	105.6	105.6	105.7	105.7
May	105.3	114.3	111.3	108.0	106.4	114.9	114.8	88.9	110.2	104.1	105.4	105.7	104.8
June	105.8	114.3	100.5	104.4	106.2	115.1	114.8	89.0	110.4	104.5	105.4	105.7	105.1
1993-94													
July p	106.5	114.3	100.5	104.4	106.2	114.8	114.8	88.9	110.2	105.3	105.9	105.7	105.5
August p	106.6	117.1	100.5	105.1	107.1	115.3	114.8	89.2	110.6	104.9	105.4	105.7	105.3
September p	106.7	116.9	101.1	105.2	107.1	116.6	114.8	89.9	111.6	105.3	106.0	105.7	105.6
October p	107.0	113.0	101.2	105.1	106.9	114.7	114.7	89.9	110.8	105.5	105.8	105.7	105.7

TABLE 6. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—continued
(Base of each index: Year 1989-90 = 100.0)

	Electrical materials										Mechanical services components					Plumbing materials			
	All groups excluding electrical materials and mechanical services	Conduit and accessories 7.53%	Switch boards and gear 28.01%	Lamps and High fittings 33.12%	All electrical materials 100.00%	All electrical materials excluding lamps and light fittings	Elevators, Fire protection and Air conditioning				Hydraulic plumbing 88.90%	Drainage 7.56%	Roof plumbing 3.54%	All plumbing materials 100.00%					
							31.34%	7.53%	28.01%	33.12%					100.00%	31.13%	15.43%	53.44%	
PERTH																			
1990-91	105.8	113.3	105.9	99.5	107.1	110.3	102.3	105.2	103.3	103.1	103.8	108.6	105.5	105.1					
1991-92	105.3	95.0	110.8	108.1	105.0	103.6	104.4	105.6	105.6	104.7	99.4	104.0	103.4	103.0					
1992-93	106.1	93.1	112.4	110.7	105.7	103.6	105.2	105.7	96.5	103.7	98.5	116.7	105.3	103.7					
1992-93—																			
August	105.5	95.4	112.3	110.7	106.4	104.6	104.6	106.0	98.4	103.7	98.1	116.4	102.7	102.5					
September	105.6	95.8	112.3	110.0	106.4	104.8	105.2	106.1	97.1	103.9	98.3	116.4	102.9	102.7					
October	105.7	95.8	112.0	108.4	105.9	104.7	104.8	105.8	97.1	103.6	97.5	116.5	102.9	102.3					
November	105.6	95.8	112.1	108.4	106.0	105.0	104.9	105.9	96.1	103.5	97.7	116.5	102.9	102.4					
December	106.0	95.8	112.3	108.4	106.0	104.9	104.8	105.9	96.1	103.5	98.2	117.4	106.9	104.2					
January	106.1	92.7	112.4	112.5	106.1	103.3	104.9	105.6	96.7	103.6	99.5	116.5	106.9	104.7					
February	106.1	92.7	112.4	112.5	106.1	103.3	105.3	105.5	96.4	103.8	99.6	116.5	106.9	104.7					
March	106.7	92.7	112.4	112.5	106.1	103.4	105.3	105.5	96.4	103.7	99.6	117.1	106.9	104.8					
April	106.4	91.3	112.5	112.5	106.1	102.7	106.0	105.4	96.3	104.2	99.1	117.4	106.9	104.6					
May	107.0	89.7	112.4	110.9	104.5	103.4	105.8	105.4	94.2	103.7	98.0	117.4	106.9	104.0					
June	106.8	88.5	113.5	111.2	104.5	101.6	105.4	105.2	94.3	103.4	95.5	117.2	106.9	102.8					
1993-94																			
July p	107.4	88.5	113.5	110.4	104.2	101.6	105.7	105.2	94.1	103.6	97.6	118.2	106.9	103.9					
August p	107.3	90.4	113.5	110.4	105.0	102.6	106.0	105.4	94.3	103.9	97.6	118.7	106.9	104.0					
September p	107.7	90.3	113.7	111.0	105.1	102.6	106.9	105.2	95.6	104.7	97.9	118.7	106.9	104.2					
October p	107.8	89.1	113.1	106.9	102.6	101.0	106.9	105.4	95.6	104.7	98.3	119.4	106.9	104.6					
HOBART																			
1990-91	103.8	105.0	106.7	96.9	103.2	105.9	104.2	104.5	106.2	104.6	105.6	108.6	103.6	105.3					
1991-92	107.2	101.3	113.2	100.1	105.6	107.9	107.0	107.6	109.2	107.5	111.4	110.5	104.9	108.8					
1992-93	109.1	91.2	118.7	95.9	103.3	106.4	110.7	107.7	98.4	108.1	115.9	109.4	106.4	111.4					
1992-93—																			
August	108.6	92.0	115.9	97.8	103.1	105.3	109.5	107.6	99.8	107.5	119.8	110.4	104.3	112.6					
September	108.6	92.1	116.0	95.4	102.4	105.4	109.6	107.6	99.0	107.4	119.9	110.4	104.7	112.8					
October	108.6	92.1	116.9	95.4	102.7	105.8	110.8	107.6	99.0	108.2	119.9	110.5	104.3	112.7					
November	108.3	92.1	116.6	95.4	103.6	107.0	111.0	107.6	97.7	108.2	113.8	108.9	105.1	109.9					
December	108.4	92.1	116.6	95.4	103.6	107.0	111.1	107.6	97.8	108.2	114.0	109.0	105.1	110.8					
January	109.1	91.2	114.3	119.9	103.5	107.2	111.2	107.6	98.1	108.4	114.4	109.0	107.6	111.1					
February	109.1	91.0	114.3	120.0	103.5	107.1	111.2	107.6	98.0	108.3	114.4	109.0	107.6	111.1					
March	109.1	91.0	114.3	120.0	103.5	107.1	111.4	107.6	97.5	108.4	113.9	108.5	107.6	110.9					
April	109.5	90.4	114.3	120.0	103.3	106.9	111.1	107.9	98.5	108.4	113.9	108.5	107.6	110.8					
May	110.1	90.4	114.3	120.0	103.3	106.9	110.8	107.9	96.9	107.9	113.3	108.6	107.6	110.6					
June	110.6	90.4	120.0	95.0	103.3	106.9	110.7	107.9	97.0	107.8	112.7	108.6	108.1	110.4					
1993-94—																			
July p	111.2	89.2	120.0	102.6	105.3	106.4	110.7	107.9	96.9	107.9	112.6	108.4	108.1	110.3					
August p	111.2	88.9	120.0	102.9	105.3	106.3	110.8	108.3	97.0	108.0	113.2	108.8	106.4	110.0					
September p	111.3	88.0	122.9	101.3	105.1	106.8	111.3	109.6	98.3	109.6	113.1	108.8	106.3	110.0					
October p	111.1	88.0	122.9	101.3	105.1	106.8	112.0	116.8	98.3	110.0	111.0	103.8	109.9	107.9					

TABLE 6. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—continued
(Base of each index: Year 1989-90 = 100.0)

	Electrical materials										Mechanical services components				Plumbing materials				
	All groups excluding electrical materials and mechanical services		Conduit and accessories		Switch boards and gear		Lamps and fittings		All electrical materials		All electrical materials excluding lamps and light fittings		Elevators, escalators and mechanical services		Hydraulic plumbing		Roof plumbing		All plumbing materials
	31.34%	7.53%	28.01%	33.12%	100.00%	109.9	104.9	99.9	106.8	109.9	104.9	105.4	102.0	104.5	88.90%	7.56%	3.54%	100.00%	
WEIGHTED AVERAGE OF SIX STATE CAPITAL CITIES																			
1990-91	105.0	114.3	106.8	104.9	99.9	106.8	109.9	105.4	102.0	104.5	104.4	108.8	106.1	105.6					
1991-92	105.0	113.6	112.2	109.6	100.8	108.5	111.9	107.8	105.6	107.2	104.0	111.5	107.7	106.3					
1992-93	105.5	109.2	111.7	112.3	101.1	107.7	110.6	109.4	93.4	107.0	106.5	112.2	108.2	107.9					
1992-93—																			
August	105.0	113.6	112.1	111.3	101.8	109.2	112.5	109.0	96.4	106.3	105.5	113.2	107.2	107.2					
September	104.9	113.7	112.1	111.5	100.3	108.8	112.7	109.2	95.6	106.6	106.2	112.7	106.5	107.3					
October	105.0	113.6	112.4	112.0	99.4	108.7	112.9	109.4	95.5	107.5	106.3	112.1	106.4	107.2					
November	104.9	111.4	110.7	113.3	99.3	108.0	112.0	109.1	93.5	107.2	105.5	111.9	106.6	106.8					
December	105.1	111.4	110.6	113.1	99.5	108.0	111.9	109.2	93.1	107.1	105.8	111.8	108.1	107.5					
January	105.3	108.4	111.0	112.9	100.1	107.2	110.4	109.6	93.1	107.2	106.8	111.7	108.1	107.9					
February	105.6	108.4	111.2	112.6	101.6	107.6	110.3	109.4	92.5	107.1	107.4	111.9	109.8	108.9					
March	106.0	108.2	111.5	112.6	101.5	107.5	110.2	109.6	91.7	107.1	107.4	111.8	109.8	108.9					
April	106.1	104.8	111.3	112.7	102.4	106.6	108.5	109.6	92.1	107.2	108.0	112.2	109.7	109.2					
May	106.5	103.5	112.5	112.6	102.9	106.5	108.0	110.0	89.8	106.9	107.2	112.3	109.5	108.7					
June	106.7	102.9	112.5	112.4	101.9	105.9	107.6	110.0	89.9	106.8	106.1	112.1	109.4	108.1					
1993-94—																			
July p	107.0	102.7	112.5	112.5	102.0	105.8	107.6	110.2	90.5	107.0	108.3	113.9	108.2	109.1					
August p	107.0	100.7	112.5	112.7	102.0	105.2	106.6	110.5	89.9	107.2	110.3	114.0	108.2	110.1					
September p	107.2	100.9	112.5	113.5	102.5	105.6	107.0	110.6	91.6	108.0	111.0	114.4	107.5	110.3					
October p	107.4	100.4	111.8	113.4	102.1	105.3	106.7	110.6	91.5	107.7	111.0	115.1	106.7	110.4					

TABLE 7. INDEX NUMBERS FOR SELECTED MAJOR BUILDING MATERIALS—CANNBERRA
(Base of each index: Year 1989-90 = 100.0)

	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Steel decking and cladding	Structural steel	Aluminium windows	Fabricated steel products (a)	Builders' hardware	Carpet	Paint and other coatings	Non ferrous pipes and fittings
1990-91	102.1	104.0	112.1	101.8	106.5	107.0	99.9	106.0	108.0	100.8	111.4	104.2
1991-92	99.8	108.2	118.6	103.4	110.0	111.4	96.8	110.3	113.9	99.2	110.5	104.3
1992-93	104.5	111.3	119.5	104.1	111.2	113.4	92.4	115.8	114.9	89.1	111.5	110.2
1992-93—												
August	103.3	109.6	119.8	104.4	110.0	112.3	92.2	115.6	113.9	90.0	111.1	105.1
September	103.0	110.7	119.8	104.1	110.0	112.3	92.2	115.6	113.9	90.0	112.9	107.2
October	103.0	111.5	119.4	103.5	110.0	112.9	92.2	115.6	113.9	90.0	112.9	108.1
November	101.8	111.5	119.4	103.0	110.0	113.2	92.2	115.9	113.9	87.7	112.9	109.4
December	102.7	111.6	119.4	103.0	110.7	114.6	92.2	115.9	113.9	87.7	112.6	105.7
January	101.8	111.6	119.4	103.5	110.7	114.6	92.2	116.7	114.1	86.4	112.6	113.2
February	102.8	112.1	119.4	103.5	112.5	114.6	92.2	116.5	114.1	86.8	112.6	113.2
March	104.3	112.1	119.4	103.5	112.5	114.6	92.3	116.5	116.5	87.3	112.6	114.2
April	106.7	111.6	119.4	104.2	112.5	112.6	92.3	116.5	116.5	87.3	112.6	114.8
May	108.8	112.7	119.4	105.5	112.5	112.6	93.2	116.5	116.6	91.1	106.9	116.6
June	112.9	111.4	119.4	105.5	112.5	114.4	93.2	116.5	116.8	93.0	106.9	108.5
1993-94—												
July p	119.6	114.0	119.4	105.5	112.5	114.4	93.5	116.5	116.8	93.0	106.9	109.2
August p	124.2	114.0	119.4	105.5	112.4	114.5	93.5	116.5	116.8	93.0	108.5	110.1
September p	125.0	114.6	119.4	106.5	109.9	114.5	93.5	116.5	118.8	93.1	108.5	104.2
October p	125.7	114.7	119.4	106.4	107.5	114.4	93.5	115.7	118.8	93.1	108.5	102.9

(a) Previously 'Steel windows, doors, louvres and other fabricated steelwork'.

TABLE 8. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—CANNBERRA
(Base of each index: Year 1989-90 = 100.0)

	Electrical materials					Mechanical services components				Plumbing materials				
	All groups excluding electrical materials and mechanical services	Conductors accessories	Conduit and accessories	Switch boards and switch gear	Lamps and light fittings	All electrical materials excluding lamps and light fittings	Air conditioning	Five con-protection	Elevators, escalators and travelators	All mechanical services	Hydraulic plumbing	Drainage	Roof plumbing	All plumbing materials
	31.34%	7.53%	28.01%	33.12%	100.00%	53.44%	15.43%	31.13%	100.00%	88.90%	7.56%	3.54%	100.00%	
1990-91	105.6	134.2	103.9	102.7	101.5	118.1	105.3	107.8	102.1	105.0	102.4	107.5	103.4	103.3
1991-92	107.7	153.3	109.8	106.6	96.5	129.6	108.3	112.3	102.2	107.8	102.8	105.6	106.2	104.0
1992-93	108.5	142.3	112.3	112.8	97.5	126.9	109.5	112.0	87.1	106.0	103.4	101.9	107.1	104.2
1992-93—														
August	108.0	143.5	109.2	113.0	97.4	127.1	108.4	111.6	96.6	106.8	102.1	102.7	106.3	103.3
September	107.7	143.5	111.7	113.0	97.4	127.5	108.4	111.8	96.2	106.7	102.9	102.0	106.3	103.7
October	108.2	143.5	111.7	113.0	97.4	127.5	109.7	111.8	96.2	106.7	102.8	101.0	106.3	103.5
November	108.2	143.5	111.6	113.0	98.4	127.5	109.9	111.9	89.5	106.6	103.3	101.3	106.8	103.9
December	108.0	143.5	111.6	113.0	98.4	127.5	109.7	111.9	86.0	105.8	100.2	101.3	106.7	102.0
January	108.6	143.5	112.9	113.3	98.4	127.8	110.0	111.9	84.7	105.9	104.0	101.3	107.0	104.5
February	108.7	143.5	112.9	113.3	98.4	127.8	110.0	111.9	82.6	105.6	104.2	101.3	108.7	105.0
March	108.8	143.5	114.1	113.7	98.4	128.2	110.3	112.0	82.6	105.7	104.6	101.3	108.7	105.0
April	108.8	141.4	114.1	113.7	98.1	127.1	110.1	111.9	82.6	105.6	104.9	102.7	107.7	105.3
May	109.4	139.3	114.1	113.7	98.1	126.1	110.2	112.3	75.7	104.5	105.7	102.7	107.4	105.8
June	109.6	139.3	114.1	113.7	98.1	126.1	109.9	112.3	75.7	104.3	105.2	103.2	107.4	104.3
1993-94														
July p	109.9	137.4	114.1	113.7	98.1	125.2	109.9	112.2	82.4	105.5	104.7	104.2	107.4	105.3
August p	110.1	135.9	114.9	113.7	98.1	124.6	109.9	112.5	77.1	104.6	104.9	104.1	107.3	105.5
September p	110.0	135.4	114.8	113.7	98.8	124.4	110.0	112.5	83.8	105.8	102.3	107.3	106.4	103.7
October p	110.0	135.4	114.8	113.7	98.8	124.3	110.0	112.4	83.8	105.8	102.0	104.5	104.4	103.1

EXPLANATORY NOTES

Introduction

This publication contains the Price Index of Materials Used in Building Other than House Building on the reference base 1989-90 = 100.0 for the six State capital cities. The Appendix to this publication contains a more detailed description of the index and its relationship with previous indexes. A detailed description of the previous index is contained in *Producer and Foreign Trade Price Indexes Concepts Sources and Methods, 1991* (6419.0).

Scope and composition

2. The index measures changes in prices of selected materials used in the construction of buildings other than houses. It includes 63 items which are combined into 10 industry of origin groups and an 'All groups'. Table 1 presents 'All groups' index numbers for the weighted average of the six State capital cities, for each of the cities separately, and for Canberra. Although many of the selected materials are also used in house building, in building repair, maintenance and alteration work and in engineering construction work (e.g. projects such as roads, dams, bridges and the like), the weighting pattern of the index is not applicable to these other activities of the construction industry. In addition, since the weights are based on an average materials usage over a range of types of building within the defined area (building other than house building), the index is not necessarily applicable to any specific building or type of building.

Items and weights

3. The index is a fixed weights index. The items were selected and allocated weights in accordance with the estimated average values of materials used in the construction of buildings other than houses completed in each of the seven capital cities in the five years ended June 1992. This same weighting pattern is used for each of the seven capital cities. The weighting pattern for the 'All groups' index is set out in Appendix A to this publication.

Classifications used

4. For the weighted average of the six State capital cities the selected materials have been combined into broad groups on an industry of origin basis. Table 3 presents index numbers for groups defined in terms of the Groups (3 digit level) of the *1993 Australian and New Zealand Standard Industrial Classification* (ANZSIC); the percentage contributions for individual materials and groups are shown in Table A1 of the Appendix to this publication. The 'industry of origin' is not necessarily identical with the industry which supplies the materials to builders. The 'industry of origin' is the industry in which the material is *primarily produced*, determined in accordance with the classification rules of the ANZSIC. For instance, many of the materials are sold to builders by wholesalers, but the materials are classified to the appropriate producing industries, rather than the wholesale trading industries. Some materials used in constructing buildings in Australia are imported. Imported materials are

allocated to the same industry of origin as Australian produced materials.

Prices

5. Prices are collected at the mid-point of the month to which the index refers, or the nearest trading day. They relate to specific standards of each material and are obtained from representative suppliers of materials used in building. In general the point of pricing is 'delivered on site' but in some cases it has been necessary to use the nearest realistic price available, e.g. 'delivered to electrical contractor's store'. Local prices are used in the indexes for each capital city.

6. As far as possible, *actual transactions prices* are used in this index — that is the prices actually paid by building contractors or subcontractors to suppliers for materials delivered on building sites. The actual price paid for anything can, of course, be described in various ways. Instead of being described as a single price (as usually happens in retail shops) a price for a building material may be described in terms of the components which make up the price — for instance 'list price plus sales tax', 'suppliers price plus freight', 'basic price less (particular types of) discount' and so on. It is these *net* prices that buyers pay to sellers for materials that the ABS aims to use in compiling this index.

7. The ABS asks respondent businesses to report details of the discounts they offer so that actual transactions prices can be calculated. However, as building materials suppliers offer many different types of discounts to buyers (e.g. trade discounts, settlement discounts, quantity discounts, competitive discounts), the identification of the discounts and the way in which they are applied by sellers pose considerable problems for the ABS. To the extent that discounts are identified and measured, their effects are taken into account in calculating the index. Sometimes new discounts, or changes in the way discounts are applied by sellers, are identified only after index numbers for a particular period have been published. In such cases, or in any other case where it is discovered that incorrect prices have been used in compiling the indexes, revisions to index numbers will occur in subsequent issues of this publication.

8. To minimise the incidence of revisions, the ABS has stringent procedures to verify that prices reported in mail collections are transactions prices net of discount.

9. Sales tax levied on building materials is included in the prices used to compile the index. Materials used in the construction of Commonwealth, State and Government owned buildings are exempt from sales tax. Materials used in most non-government organisations such as religious and charitable organisations are also exempt. At any particular time a change in the rate of sales tax on building materials movement in the index takes into account

of materials sold subject to sales tax and the proportion of materials exempt from sales tax.

10. Further information on the treatment of sales tax in the index including details of factors to either include the full effects of sales tax changes or exclude entirely the effects of sales tax changes is available from the ABS on request.

Index numbers for selected materials

11. Table 4 contains index numbers for selected materials used in constructing buildings other than houses for the weighted average of the six State capital cities. In general these indexes relate to either single items or combinations of items as shown in the weighting pattern published in Table A1 of the Appendix to this issue. Table 5 contains index numbers for selected major materials for each State capital city separately.

Index numbers for special combinations of materials

12. Table 6 contains index numbers for the following special combinations of materials, for each State capital city and the weighted average of the six State capital cities.

- (a) 'All groups excluding electrical materials and mechanical services components.'
- (b) 'Electrical materials.'
- (c) 'Mechanical services components.'
- (d) 'Plumbing materials.'

Interpretation and analysis

13. Care should be exercised when interpreting month-to-month movements in the indexes as short term movements do not necessarily indicate a change in trend.

14. The separate city indexes measure price movements over time in each capital city individually. They do not measure differences in price levels between cities.

15. Index numbers for financial years are simple averages of monthly index numbers. All index numbers for the current month and the three previous months are preliminary and subject to revision. However, it may be necessary from time to time to revise index numbers for earlier periods if incorrect prices for those periods are detected or if the sample of prices used to compile the indexes is found to be unsatisfactory.

16. Movements in indexes from one period to another can be expressed as changes in 'index points' or as percentage changes. The following example illustrates the method of calculating index points changes and percentage changes between any two periods.

Weighted average of six capital cities

All groups index number — October 1993:	107.2
less All groups index number — October 1992 :	105.8
Change in index points:	+1.4
	+1.4
Percentage change	$= \frac{\quad}{105.8} \times 100 = +1.3$

17. Table 1 includes percentage changes to indicate the following movements in index numbers:

- movements between consecutive financial years
- movements between corresponding months of consecutive years
- movements between consecutive months.

18. Table 2 provides an analysis of the contributions made by selected major building materials to the monthly change in the All groups index for each city separately and for the weighted average of the six State capital cities. These contributions are expressed in terms of All groups index points. The table shows, for example, that in October 1993 the All groups index for the weighted average of the six capital cities was unchanged overall and that +0.06 index points were contributed by carpet. Similarly, the table shows that the All groups index for Melbourne increased by 0.1 index points, of which +0.09 index points were contributed by carpet.

Related publications

19. Users may also wish to refer to the following price index publications which are available on request:

Price Index of Materials Used in House Building, Six State Capital Cities and Canberra (6408.0) - issued monthly

Price Indexes of Materials Used in Manufacturing Industries, Australia (6411.0) - issued monthly

Price Index of Articles Produced by Manufacturing Industry, Australia (6412.0) - issued monthly

Price Indexes of Copper Materials, Australia (6410.0) - issued monthly

20. Other ABS publications which may be of interest include:

Award Rates of Pay Indexes, Australia (6312.0) issued monthly

Average Weekly Earnings, States and Australia (6302.0) - issued quarterly

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

Unpublished statistics

22. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact in the Phone Inquiries box on the front of this publication.

Symbols and other usages

—	nil. or rounded to zero
n.a.	not available
p	preliminary—figures subject to revision
r	figures revised since previous issue

IAN CASTLES
Australian Statistician

APPENDIX A

REVIEW OF THE PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING

Introduction

The ABS has undertaken a review of the Price Index of Materials Used in Building Other than House Building (OTHB). This Appendix outlines the results of the review. It sets out the index structure and weighting pattern for the rebased index and outlines the differences between the rebased and previous indexes.

Source of Material Usage Data

2. The materials included in the rebased index and the relative weights assigned to them are based on the estimated average usage of building materials, in buildings other than houses in the five years ending June 1992. The estimates are based on material usage in a sample of representative buildings. In deriving these estimates the ABS employed the services of a consultant firm of quantity surveyors.

Classification Used**ANZSIC**

3. The previous OTHB index was classified according to the Australian Standard Industrial Classification (ASIC). This classification has recently been replaced by the Australian and New Zealand Standard Industrial Classification (ANZSIC). As a result, in the rebased index regimen items have, as far as practicable, been classified according to the ANZSIC. Item and component descriptions are consistent with the ANZSIC.

4. The change in classifications has resulted in the following:

- (i) Clay products and refractories – to accord with ANZSIC descriptions this group is now titled 'Ceramics' (ANZSIC Group 262);
- (ii) Cement and concrete products – ASIC Group 287 'Cement' has become 'Cement, Plaster and Concrete Products' (ANZSIC Group 263). The change in coverage means that 'Plaster and Plaster Products' and 'Fibrous Cement Products' are now included in this group (moved from the 'Other Products' group in the previous index);
- (iii) Basic Iron and Steel – ASIC Group 294 'Basic Iron and Steel' has become 'Iron and Steel', ANZSIC Group 271. 'Sprinkler and Hydrant Systems' has been moved from this Group to 'Fabricated Metal Products' (ANZSIC Group 276);
- (iv) Appliances and Electrical Equipment – ASIC Group 335 is now titled 'Electrical Equipment and Appliances' (ANZSIC Group 285).

Regimen and Weighting Pattern

5. Details of the new regimen and item weights are provided in Table A1. The links between the new item descriptions and the (nearest) equivalent in the previous index are footnoted in the relevant tables in this publication.

Main features of new weighting pattern**New items**

6. The following new items are included in the regimen:

	Percentage contribution to All Groups Index
. Emergency generators	0.40
. Natural and artificial stone(a)	1.53
. Other plastic products	0.54
. Communications & security equipment	0.90

(a) Natural and artificial stone is not a completely new item, in that it includes terrazzo which was included in the previous index.

Deleted Items

7. The following items were found to be no longer used to any significant extent in the construction of buildings and have therefore been deleted from the index:

- . Earthenware pipes
- . Lime
- . Metal conduit and accessories
- . Asphalt

8. While these deleted items are no longer included in the index they will continue to be collected and compiled and price index series will be available to users on request.

Changes in coverage of existing items

9. The following changes have occurred in the coverage of existing items:

- **Plywood hardboard and softboard** – coverage extended to include ply formwork;
- **Ceramic sanitaryware** – includes the previous items 'Toilet suites' and 'Hand basins' and extends coverage to include other ceramic sanitaryware products (eg urinals, sinks, washtroughs, etc.);
- **Steel decking, cladding & sheet steel products** – the 'Galvanised' part of the descriptor of the previous item, 'Galvanised steel decking, cladding and sheet steel products', has been deleted, reflecting the

- inclusion of enamelled and other coated steel sheeting and metal formwork which forms an integral part of the finished concrete work;
- **Steel piping** – the ‘Galvanised’ part of the descriptor of the previous item has been dropped to reflect the coverage of the item being expanded to include black steel pipe;
 - **Suspended ceilings and access floors** – coverage of the previous item ‘Suspended ceilings’ has been extended to include access floors;
 - **Other fabricated steel products** – previous items ‘Other Steel Fabricated Architectural Products’ and ‘Light Fabricated Steel Work’ have been combined to form this new item;
 - **Sheet steel sanitaryware** – includes the previous items ‘Urinals’ and ‘Baths and Sinks’ and extends coverage to include other steel sanitaryware such as saunas, toilet pans, basins, washtroughs, etc.;
 - **Cooling and heating equipment (for air conditioning)** – is a combination and renaming of the previous items ‘Refrigeration equipment’ and ‘Boilers’. The new title clarifies the description by making it clear that the equipment included is that used in air conditioning plants and not that used for other purposes, eg industrial boilers producing steam for use in manufacturing;
 - **Elevators, escalators and travelators** – coverage of the previous item, ‘Elevators and escalators’, has been extended to include ‘travelators’;
 - **Sand and aggregate** – no longer includes ‘filling’. This is considered out-of-scope of building works (ie it is regarded as site preparation, not part of the building);
 - **Paint and other surface applications** – coverage of the previous item, ‘Paint’, has been extended to include other surface applications such as epoxy resins, acrylics, and concrete finishes and surface sealants;
 - **Bituminous, plastic and other sealant sheeting** – coverage of the previous item, ‘Bituminous sheeting’, has been extended to include other types of sealant sheeting;
 - **Plastic floor coverings** – coverage of the previous item, ‘Vinyl sheet and tiles’, has been expanded to include other types of plastic floor coverings.

Reference Base

10. The reference base for the new index is the Year 1989-90 = 100.0. The change in the reference base will reduce the magnitude of previously published index numbers but, apart from rounding, will not affect the movements shown by index series.

11. Appendix B sets out details of how index series on the previous reference base can be converted to the new reference base, and vice versa.

Darwin index

12. Following this review, index series are no longer compiled for Darwin.

**TABLE A1: PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING
COMPOSITION AND WEIGHTING IN REFERENCE BASE YEAR 1989-90**

**INDEX ITEMS GROUPED ACCORDING TO AUSTRALIAN AND NEW ZEALAND STANDARD
INDUSTRIAL CLASSIFICATION (ANZSIC) 1993**

ANZSIC Code	Description	Percentage contribution of items and groups to All Groups	
		Group to All Groups	Item to All Groups
231/232	WOOD AND WOOD PRODUCTS	5.51	
	Structural timber		0.67
	Plywood, hardboard and softboard		0.99
	Timber doors		0.72
	Timber framed windows		0.15
	Built-in furniture		1.85
	Shelves, racks, partitions and other joinery		1.13
262	CERAMICS	3.49	
	Clay bricks		1.40
	Ceramic tiles		1.19
	Ceramic sanitaryware		0.90
263	CEMENT, PLASTER AND CONCRETE PRODUCTS	16.22	
	Cement		0.27
	Ready mixed concrete		9.42
	Precast concrete pipes and drainage products		0.11
	Concrete masonry blocks		0.97
	Other precast concrete products		3.33
	Fibrous cement		0.78
	Plaster and plaster products		1.34
271	IRON AND STEEL	3.83	
	Steel decking and cladding		2.88
	Cast iron pipes and products		0.31
	Steel pipes		0.64
274	STRUCTURAL METAL PRODUCTS	27.17	
	Structural steel		8.37
	Reinforcing steel bar		5.85
	Reinforcing fabric and mesh		0.88
	Aluminium windows		5.70
	Aluminium screens, doors, louvres and other fabricated products		1.64
	Suspended ceilings and access floors		1.05
	Steel windows, doors, roller shutters		0.49
	Other fabricated steel products		2.77
	Fire doors		0.42
275	SHEET METAL PRODUCTS	3.09	
	Steel gutters and downpipes		0.19
	Ductwork used in air conditioning		2.09
	Metal ducting and cable trays		0.32
	Sheet steel sanitaryware		0.49
276	FABRICATED METAL PRODUCTS	4.00	
	Builders hardware		1.16
	Taps valves and other fittings		0.70
	Sprinkler and hydrant systems		2.14

**TABLE A1: PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING
COMPOSITION AND WEIGHTING IN REFERENCE BASE YEAR 1989-90**

**INDEX ITEMS GROUPED ACCORDING TO AUSTRALIAN AND NEW ZEALAND STANDARD
INDUSTRIAL CLASSIFICATION (ANZSIC) 1993—continued**

ANZSIC Code (a)	Description	Percentage contribution of items and groups to All Groups	
		Group to All Groups	Item to All Groups
285	ELECTRICAL EQUIPMENT AND APPLIANCES	7.93	
	Fire alarm systems		0.80
	Mains cable		1.46
	Circuitry		0.51
	Electrical materials used in air conditioning		0.72
	Light fittings		1.91
	Lamps		0.17
	Switches outlets and plugs		0.18
	Switchboards/Distribution boards		1.58
	Hot water units		0.20
	Emergency generators		0.40
286	INDUSTRIAL MACHINERY AND EQUIPMENT	12.47	
	Air conditioning packaged units		1.72
	Cooling and heating equipment - air conditioning		1.49
	Other air conditioning equipment		1.93
	Registers and fans used in air conditioning		1.39
	Elevators, escalators and travelators		5.94
	OTHER MATERIALS	16.29	
	Sand and aggregate		0.10
	Carpet		2.60
	Paint and other coatings		0.85
	Bituminous plastic and other sealant sheeting		1.79
	Glass products		4.12
	Insulation		1.51
	Non-ferrous pipes and fittings		1.54
	Natural and artificial stone		1.53
	Plastic floor coverings		0.32
	Plastic conduit and accessories		0.16
	Plastic pipes downpipes and fittings		0.33
	Other plastic products		0.54
	Communications and security equipment		0.90
	All Groups	100.00	100.00

APPENDIX B

CHANGE IN REFERENCE BASE

Following the review of the Price Index of Materials Used in Building Other than House Building, the reference base for the indexes has been updated to 1989-90 = 100.0. All index numbers in this issue are published on the new reference base.

2. The following demonstrates the method used by the ABS to calculate the conversion factors to convert index numbers from the old to the new reference base (and vice versa). The factors are shown in Table B1.

(a) All Groups index number (on 1979-80 = 100.0 base), for Sydney, for 1989-90 = 231.3

(b) Factor to be used to convert All Groups index numbers for Sydney on the old reference base of 1979-80 = 100.0 to the new reference base of 1989-90 = 100.0

$$= \frac{100.0}{231.3} = 0.43234$$

(c) Factor to be used to convert All Groups index number for Sydney on the new reference base of 1989-90 = 100.0 to the old reference base of 1979-80 = 100.0.

$$= \frac{231.3}{100.0} = 2.31300$$

3. To convert All Groups index numbers on the previously published reference base to the new reference base (1989-90 = 100.0) users should use the conversion factors shown in column II of Table B1.

4. Similarly, to convert All Groups index numbers on the new reference base to the previously published reference base (1979-80 = 100.0) users should use the conversion factors shown in column I of Table B1.

5. For further information about converting indexes to different reference bases, please contact:

The Manager, Building Materials
 Producer Price Indexes
 Australian Bureau of Statistics
 PO Box 10
 Belconnen ACT 2616
 Telephone: (06) 252 6198

TABLE B1: FACTORS USED TO CONVERT ALL GROUP INDEX NUMBERS FROM ONE REFERENCE BASE TO ANOTHER

City	Factors to convert index numbers	
	I From NEW reference base 1989-90 = 100.0 to OLD reference base 1979-80 = 100.0	II From OLD reference base 1979-80 = 100.0 to NEW reference base 1989-90 = 100.0
All Groups—		
Weighted average of six State capital cities	2.31900	0.43122
Sydney	2.31300	0.43234
Melbourne	2.27800	0.43898
Brisbane	2.33900	0.42753
Adelaide	2.37100	0.42176
Perth	2.40000	0.41667
Hobart	2.16800	0.46125
Canberra(a)	1.32200	0.75700

(a) Old reference base 1986-87 = 100.0



