



Information Paper: Update on ANZSIC 2006 Implementation for Labour Price Index

Australia

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I N Q U I R I E S

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AUSTRALIAN BUREAU OF STATISTICS

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INQUIRIES

- For further information about this publication, contact David Taylor on Perth (08) 9360 5151

CONTENTS

	<i>page</i>
Abbreviations	vi
Introduction	vii
ANZSIC 2006 IMPLEMENTATION FOR THE LABOUR PRICE INDEX	
Chapter 1	1
Chapter 2: About ANZSIC 2006	2
Chapter 3: LPI ANZSIC 2006 implementation strategy	4
Chapter 4: Output strategy	6
ADDITIONAL INFORMATION	
Appendix 1: Summary of time series spreadsheets	7
Appendix 2: Sample of Labour Price Index, Australia, September quarter 2009 (cat. no. 6345.0)	35

ABBREVIATIONS

ABS	Australian Bureau of Statistics
ANZSIC	Australian and New Zealand Standard Industrial Classification
ISIC	International Standard Industrial Classification
LPI	labour price index
NAICS	North American Industry Classification System
WPI	wage price index

INTRODUCTION

PREFACE

This information paper provides information about the implementation of the new Australian and New Zealand Standard industrial Classification (ANZSIC), 2006, in the Labour Price Index. This is complementary to more general information papers, cat. no. 1295.0 and 1295.0.55.001, which outlined plans for the release and adoption of ANZSIC 2006 across a range of statistics produced by the ABS.

The Labour Price Index will be presented using the ANZSIC 2006 classification from the September quarter 2009 release due 18 November 2009.

For Labour Price Index specific information on ANZSIC 2006 please contact David Taylor, LPI dissemination Manager, on telephone (08) 9360 5151 or email labour.price.index@abs.gov.au.

For more information on the ANZSIC 2006 and its implementation across a range of ABS statistics, please contact Celia Quiatchon, ANZSIC Implementation Manager, on telephone (02) 6252 5604 or email c.quiatchon@abs.gov.au

CHAPTER 1 OVERVIEW

OVERVIEW

This information paper provides users of the Labour Price Index (LPI) with details on the implementation of the new Australian and New Zealand Standard Industrial Classification (ANZSIC 2006).

In 2002, the Australian Bureau of Statistics (ABS) and Statistics New Zealand commenced a review to maintain the currency and relevance of ANZSIC. The review found that since the release of the original classification in 1993, there had been significant changes in industrial and business activities in both Australia and New Zealand. The 2006 edition of ANZSIC was released in February 2006. An electronic version of the ANZSIC 2006 classification is available free of charge from the ABS website, titled *Australian and New Zealand Standard Industrial Classification, (ANZSIC), 2006* (cat. no. 1292.0).

From the September quarter 2009, labour price indexes will only be available for industry divisions based on ANZSIC 2006. To assist users interested in time series data, those series published in *Labour Price Index, Australia* (cat. no. 6345.0) will be available on the ABS website using the new industry classification for all time periods from the commencement of the series in September quarter 1997 onwards.

A sample copy of the September quarter 2009 LPI publication can be found in Appendix 2 of this information paper which illustrates how the LPI series will be presented on an ANZSIC 2006 industry basis.

CHAPTER 2 ABOUT ANZSIC 2006

THE ANZSIC REVIEW

In 2002, the ABS and Statistics New Zealand commenced a review to maintain currency and relevance of ANZSIC. Since the release of the original classification in 1993 there had been significant changes in structure, composition and organisation of industrial and business activities in both Australia and New Zealand. The review found that new materials, technologies and production techniques had been adopted which affected the way industries and businesses operate, as well as the emergence of new industries which needed to be included in the classification. The 2006 edition of the ANZSIC classification is available free of charge from the ABS website, titled *Australian and New Zealand Industrial Classification (ANZSIC), 2006* (cat. no. 1292.0). This publication includes correspondence tables between the old (ANZSIC 1993) and the new (ANZSIC 2006) classifications.

ANZSIC 2006 involved a substantial review of the classification, including extensive consultation with internal and external users and alignment with the International Standard industrial Classification of All Economic Activities (ISIC). Consequently, ANZSIC 2006 provides a more contemporary and internationally comparable industrial classification system than its predecessor (ANZSIC 1993). For example, a range of new economic activities have been recognised.

CHANGES FROM ANZSIC 1993 TO ANZSIC 2006

A list of the old and new ANZSIC industry divisions are outlined below. It is important for users of industry data to note that the review of ANZSIC involved substantial change to the structure below industry division level. While many of the divisions in ANZSIC 2006 have the same name as the divisions in ANZSIC 1993, the grouping of activities below this level can be quite different. Users are advised to refer to the full concordance to understand the degree of change below the division level.

One of the impacts of the redevelopment of the ANZSIC is an increase in the number of industries at each level of the classification. ANZSIC 2006 separately identifies 19 divisions, compared with 17 in ANZSIC 1993.

A new Information, media and telecommunications division has been introduced. It groups units mainly engaged in the creation and storing of information products for dissemination purposes; transmitting information products using analogue and digital signals; and providing transmission and storage services for information products. This has been identified as a rapidly growing sector in the Australian and New Zealand economies since the last review. The proposed International Standard Industry Classification (ISIC) Rev. 4 and North American Industry Classification System (NAICS) 2002 also recognise these activities in a separate division.

The very large and diverse Property and business services division in ANZSIC 1993, together with some other services, have been rearranged into three new divisions in ANZSIC 2006: Rental, hiring and real estate services; Professional, scientific and technical services; and Administrative and support services. The three separate divisions again align with the proposed ISIC Rev. 4 and NAICS 2002.

The Labour Price Index only produces industry indexes based on ANZSIC divisions.

CHAPTER 2 ABOUT ANZSIC 2006 *continued*

CHANGES FROM ANZSIC
1993 TO ANZSIC 2006
continued

THE NEW DIVISIONAL STRUCTURE FOR ANZSIC 2006 USED IN LPI OUTPUTS

<i>Division</i>	<i>Title</i>
B	Mining
C	Manufacturing
D	Electricity, gas, water and waste services
E	Construction
F	Wholesale trade
G	Retail trade
H	Accommodation and food services
I	Transport, postal and warehousing
J	Information media and telecommunications
K	Financial and insurance services
L	Rental, hiring and real estate services
M	Professional, scientific and technical services
N	Administrative and support services
O	Public administration and safety
P	Education and training
Q	Health care and social assistance
R	Arts and recreation services
S	Other services

ANZSIC 1993 DIVISION STRUCTURE USED IN LPI OUTPUTS

<i>Division</i>	<i>Title</i>
B	Mining
C	Manufacturing
D	Electricity, gas, water supply
E	Construction
F	Wholesale trade
G	Retail trade
H	Accommodation, cafes and restaurants
I	Transport and storage
J	Communication services
K	Finance and insurance
L	Property and business services
M	Government administration and defence
N	Education
O	Health and community services
P	Cultural and recreational services
Q	Personal and other services

CHAPTER 3 LPI ANZSIC 2006 IMPLEMENTATION STRATEGY

TIMING	<p>The September quarter 2009 edition of <i>Labour Price Index, Australia</i> (cat. no. 6345.0) will be released on 18 November 2009 and will present indexes on an ANZSIC 2006 basis for the first time.</p> <p>From the September quarter 2009, labour price index industry series will only be produced for ANZSIC 2006 industry divisions.</p>
AVAILABILITY OF BACKCAST SERIES	<p>The September quarter 2009 edition of <i>Labour Price Index, Australia</i> will contain some backcast time series data. Each table will contain data for the usual number of earlier time periods for comparison. The complete time series for published data (i.e. from September quarter 1997) on an ANZSIC 2006 basis will be available on the ABS website. Series below publication level will not be backcast.</p>
BACKCASTING METHODOLOGY	<p>The LPI backcast indexes have been produced by reclassifying the businesses that reported data in earlier periods to the appropriate industry division of ANZSIC 2006. A new elementary aggregate structure and expenditure weights based on ANZSIC 2006 industry divisions were used in the compilation of the backcast price index series.</p>
INDEX MOVEMENTS FOR BACKCAST SERIES	<p>Index movements for original State, Sector and Australia price index series will not be affected by the introduction of the new industry classification, and so there will be no revisions to index movements to these series from those previously published.</p> <p>The industry structure of ANZSIC 2006 is different to that of ANZSIC 1993. As well as the creation of new divisions in ANZSIC 2006, there has been substantial change involving the reclassification of activities across divisions. Some activities that were considered part of a particular industry division in ANZSIC 1993 may be in a different division in ANZSIC 2006. Users of price indexes interested in the degree of change between the two industry classifications will find the concordance section of the ANZSIC 2006 publication helpful.</p> <p>As businesses have been reclassified to the appropriate ANZSIC 2006 industry division in backcasting, the backcast index movements for individual industries on an ANZSIC 2006 basis will generally be different from those published previously on an ANZSIC 1993 basis.</p> <p>The ABS produces indexes primarily for use in economic analysis. The ABS is aware that price indexes may be used in contracts to adjust payments and/or charges to take account of changed prices, however it neither endorses or discourages such use. Users of index numbers or index movements from wage price index industry tables in a contract should take note of the changes resulting from the use of ANZSIC 2006 in the LPI.</p> <p>Further information about the issues that should be considered by parties considering the use of an ABS price index in a contract are outlined in Appendix 2 of the <i>Australian Consumer Price Index: Concepts, Sources and Methods, 2005</i> (cat. no. 6461.0).</p>
CHANGED INDEX NUMBERS	<p>With the introduction of the new ANZSIC 2006 classification, a new reference base for all labour price indexes will be introduced. This means that the index numbers for all series will change (see the section Reference Base Period below for more details).</p>

REFERENCE BASE PERIOD The reference base period of an index series is that period for which the value of the indexes is set to 100.0. The current reference base for the Labour Price Index series is 2003–04. With the introduction of ANZSIC 2006, a number of index series will be produced for the first time. For consistency and comparability all index series will have a new reference base set to 100.0 for the financial year 2008–09 with the first release of data series based on ANZSIC 2006.

WEIGHTS Expenditure weights based on employers' total expenditure on various labour costs (e.g. wages and salaries, superannuation, etc.) are used in the calculation of labour price indexes. These weights are based on independent estimates of labour costs from other ABS business surveys. The weights are normally updated for the December quarter each year to take account of changing employer expenditure patterns for labour in each segment of the labour market. Information about the weights used in the labour price index are published in Appendix 1 of *Labour Price Index, Australia*. The distribution of employers' expenditure on wages and salaries for broad industry groupings in Appendix 1 will be presented using ANZSIC 2006, from the September quarter 2009. Additional information on expenditure weights on an ANZSIC 2006 basis for earlier periods will be available from a spreadsheet on the ABS website.

CHAPTER 4 OUTPUT STRATEGY

OUTPUT STRATEGY

The Labour Price Index will implement ANZSIC 2006 in the September quarter 2009 publication. From that date the LPI will only be published on an ANZSIC 2006 basis only.

All existing data series based on ANZSIC 1993 that are currently available from the ABS website will still be accessible to users via earlier releases of the LPI publication after the transition to ANZSIC 2006, however, users should note that the series based on ANZSIC 1993 will not be updated after the June quarter 2009 release.

EXAMPLES OF ANZSIC 2006 OUTPUTS

A complete sample publication (with tables) for the first release of the ANZSIC 2006 data in respect of the September quarter 2009 is shown in Appendix 2 of this information paper.

A complete set of sample spreadsheets is available via the 'Downloads' tab from the ABS website for this publication. Please note that all the time series identifiers associated with these tables are different to those previously released.

A list of identifiers for the time series spreadsheets can be found in Appendix 1 of this Information Paper.

RELEASE SCHEDULE

The *Labour Price Index, Australia*, September quarter 2009 cat. no. 6345.0 will be released on 18 November 2009.

The September quarter publication will include additional tables for non-wage data series, that is, Tables 11 to 21. As in previous releases, the December, March and June quarter publications will include an appendix that provides a summary of non-wage statistics only.

The wage tables 1 to 10 have the same format for all releases through the year.

FURTHER INFORMATION

If you have an inquiry relating to the Labour Price Index implementation of ANZSIC 2006, please contact David Taylor, LPI dissemination Manager, on telephone (08)93605151 or email labour.price.index@abs.gov.au.

For more information on the ANZSIC 2006 and its implementation across a range of ABS statistics, please contact Celia Quiatchon, ANZSIC Implementation Manager, on telephone (02)62525604 or email c.quiatchon@abs.gov.au

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS

LIST OF IDENTIFIERS FOR TIME SERIES SPREADSHEETS

Sample spreadsheets that will be released for the first time with the September quarter 2009 release (18 November 2009) can be found via the 'Downloads' tab for this publication.

The following pages provide a concordance for the time series spreadsheets, in table number order.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 1. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR, ORIGINAL, SEASONALLY ADJUSTED AND TREND

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Original		
Private sector	A2159244F	A2603039T
Public sector	A2159253J	A2603989W
All sectors	A2159262K	A2603609J
Seasonally Adjusted		
Private sector	A2187320V	A2713846W
Public sector	A2187322X	A2713852T
All sectors	A2187324C	A2713849C
Trend		
Private sector	A2187321W	A2713848A
Public sector	A2187323A	A2713854W
All sectors	A2187325F	A2713851R

TABLE 2A. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES: ALL
SECTORS BY STATE, ORIGINAL (FINANCIAL YEAR INDEX NUMBERS FOR
YEAR ENDED JUNE QUARTER)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2248281K	A2704396F
Victoria	A2248358W	A2706258V
Queensland	A2248435R	A2704662K
South Australia	A2248512J	A2706524X
Western Australia	A2248589F	A2705992V
Tasmania	A2248666X	A2704928J
Northern Territory	A2248743T	A2705726C
Australian Capital Territory	A2248820K	A2705460F
Australia	A2248211C	A2705194A

TABLE 2B. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES: ALL
SECTORS BY STATE, ORIGINAL (QUARTERLY INDEX NUMBERS)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2159254K	A2599619A
Victoria	A2159255L	A2608929K
Queensland	A2159256R	A2600949X
South Australia	A2159257T	A2610259A
Western Australia	A2159258V	A2607599L
Tasmania	A2159259W	A2602279K
Northern Territory	A2159260F	A2606269C
Australian Capital Territory	A2159261J	A2604939T
Australia	A2159262K	A2603609J

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 3A. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
PRIVATE SECTOR BY STATE, ORIGINAL (FINANCIAL YEAR INDEX
NUMBERS FOR YEAR ENDED JUNE QUARTER)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2248258L	A2704282J
Victoria	A2248335F	A2706144W
Queensland	A2248412X	A2704548F
South Australia	A2248489W	A2706410A
Western Australia	A2248566R	A2705878R
Tasmania	A2248643J	A2704814K
Northern Territory	A2248720A	A2705612F
Australian Capital Territory	A2248797X	A2705346A
Australia	A2248190C	A2705080C

TABLE 3B. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
PRIVATE SECTOR BY STATE, ORIGINAL (QUARTERLY INDEX NUMBERS)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2159236F	A2599049K
Victoria	A2159237J	A2608359V
Queensland	A2159238K	A2600379J
South Australia	A2159239L	A2609689C
Western Australia	A2159240W	A2607029K
Tasmania	A2159241X	A2601709F
Northern Territory	A2159242A	A2605699K
Australian Capital Territory	A2159243C	A2604369A
Australia	A2159244F	A2603039T

TABLE 4A. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
PUBLIC SECTOR BY STATE, ORIGINAL (FINANCIAL YEAR INDEX
NUMBERS FOR YEAR ENDED JUNE QUARTER)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2248268T	A2704472W
Victoria	A2248345K	A2706334K
Queensland	A2248422C	A2704738V
South Australia	A2248499A	A2706600R
Western Australia	A2248576V	A2706068F
Tasmania	A2248653L	A2705004A
Northern Territory	A2248730F	A2705802V
Australian Capital Territory	A2248807T	A2705536R
Australia	A2248200W	A2705270T

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 4B. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
PUBLIC SECTOR BY STATE, ORIGINAL (QUARTERLY INDEX NUMBERS)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2159245J	A2599999R
Victoria	A2159246K	A2609309R
Queensland	A2159247L	A2601329C
South Australia	A2159248R	A2610639C
Western Australia	A2159249T	A2607979R
Tasmania	A2159250A	A2602659L
Northern Territory	A2159251C	A2606649F
Australian Capital Territory	A2159252F	A2605319W
Australia	A2159253J	A2603989W

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 5A. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (FINANCIAL YEAR INDEX NUMBERS
FOR YEAR ENDED JUNE QUARTER)

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
Private		
Mining	-	A2705060V
Manufacturing	-	A2705064C
Electricity, gas, water and waste services	-	A2705056C
Construction	-	A2705076L
Wholesale trade	-	A2705072C
Retail trade	-	A2705070X
Accommodation and food services	-	A2705046X
Transport, postal and warehousing	-	A2705052V
Information media and telecommunications	-	A2705062X
Financial and insurance services	-	A2705050R
Rental, hiring and real estate services	-	A2705078T
Professional, scientific and technical services	-	A2705054X
Administrative and support services	-	A2705066J
Public administration and safety	-	A2705068L
Education and training	-	A2705048C
Health care and social assistance	-	A2705058J
Arts and recreation services	-	A2705044V
Other services	-	A2705074J
All industries	-	A2705080C
Public		
Electricity, gas, water and waste services	-	A2705246T
Professional, scientific and technical services	-	A2705244L
Public administration and safety	-	A2705258A
Education and training	-	A2705238T
Health care and social assistance	-	A2705248W
All industries	-	A2705270T

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 5A. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (FINANCIAL YEAR INDEX NUMBERS
FOR YEAR ENDED JUNE QUARTER) *continued*

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
All Sectors		
Mining	–	A2705174T
Manufacturing	–	A2705178A
Electricity, gas, water and waste services	–	A2705170J
Construction	–	A2705190T
Wholesale trade	–	A2705186A
Retail trade	–	A2705184W
Accommodation and food services	–	A2705160C
Transport, postal and warehousing	–	A2705166T
Information media and telecommunications	–	A2705176W
Financial and insurance services	–	A2705164L
Rental, hiring and real estate services	–	A2705192W
Professional, scientific and technical services	–	A2705168W
Administrative and support services	–	A2705180L
Public administration and safety	–	A2705182T
Education and training	–	A2705162J
Health care and social assistance	–	A2705172L
Arts and recreation services	–	A2705158T
Other services	–	A2705188F
All industries	–	A2705194A

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 5B. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (QUARTERLY INDEX NUMBERS)

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
Private		
Mining	—	A2602939F
Manufacturing	—	A2602959R
Electricity, gas, water and waste services	—	A2602919W
Construction	—	A2603019J
Wholesale trade	—	A2602999J
Retail trade	—	A2602989C
Accommodation and food services	—	A2602869K
Transport, postal and warehousing	—	A2602899X
Information media and telecommunications	—	A2602949K
Financial and insurance services	—	A2602889V
Rental, hiring and real estate services	—	A2603029L
Professional, scientific and technical services	—	A2602909T
Administrative and support services	—	A2602969V
Public administration and safety	—	A2602979X
Education and training	—	A2602879R
Health care and social assistance	—	A2602929A
Arts and recreation services	—	A2602859F
Other services	—	A2603009C
All industries	—	A2603039T
Public		
Electricity, gas, water and waste services	—	A2603869C
Professional, scientific and technical services	—	A2603859X
Public administration and safety	—	A2603929V
Education and training	—	A2603829K
Health care and social assistance	—	A2603879J
All industries	—	A2603989W

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 5B. TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (QUARTERLY INDEX NUMBERS)
continued

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
All Sectors		
Mining	–	A2603509X
Manufacturing	–	A2603529J
Electricity, gas, water and waste services	–	A2603489A
Construction	–	A2603589K
Wholesale trade	–	A2603569A
Retail trade	–	A2603559W
Accommodation and food services	–	A2603439C
Transport, postal and warehousing	–	A2603469T
Information media and telecommunications	–	A2603519C
Financial and insurance services	–	A2603459L
Rental, hiring and real estate services	–	A2603599R
Professional, scientific and technical services	–	A2603479W
Administrative and support services	–	A2603539L
Public administration and safety	–	A2603549T
Education and training	–	A2603449J
Health care and social assistance	–	A2603499F
Arts and recreation services	–	A2603429X
Other services	–	A2603579F
All industries	–	A2603609J

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

TABLE 7A. HOURLY RATES OF PAY INCLUDING BONUSES: SECTOR,
ORIGINAL (FINANCIAL YEAR INDEX NUMBERS FOR YEAR ENDED JUNE
QUARTER)

Series	ANZSIC 1993 series ID	ANZSIC 2006 series ID
Ordinary Time Hourly Rates		
Private sector	A2247506V	A2709868J
Public sector	A2247516X	A2710058C
All sectors	A2247527F	A2709982L
Total Hourly Rates		
Private sector	A2248874T	A2707474F
Public sector	A2248884W	A2707664V
All sectors	A2248895C	A2707588C

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 7B. HOURLY RATES OF PAY INCLUDING BONUSES: SECTOR,
ORIGINAL (QUARTERLY INDEX NUMBERS)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Ordinary Time Hourly Rates		
Private sector	A2159340F	A2626979V
Public sector	A2159341J	A2627929R
All sectors	A2159342K	A2627549L
Total Hourly Rates		
Private sector	A2159326K	A2615009A
Public sector	A2159327L	A2615959F
All sectors	A2159328R	A2615579C

TABLE 8A. ORDINARY HOURLY RATES OF PAY EXCLUDING BONUSES:
ALL SECTORS BY STATE, ORIGINAL (FINANCIAL YEAR INDEX NUMBERS
FOR YEAR ENDED JUNE QUARTER)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2246913K	A2711578A
Victoria	A2246990R	A2713440W
Queensland	A2247067C	A2711844F
South Australia	A2247144W	A2713706V
Western Australia	A2247221R	A2713174T
Tasmania	A2247298L	A2712110L
Northern Territory	A2247375F	A2712908X
Australian Capital Territory	A2247452X	A2712642A
Australia	A2246843R	A2712376W

TABLE 8B. ORDINARY HOURLY RATES OF PAY EXCLUDING BONUSES:
ALL SECTORS BY STATE, ORIGINAL (QUARTERLY INDEX NUMBERS)

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
New South Wales	A2159331C	A2635529C
Victoria	A2159332F	A2644839C
Queensland	A2159333J	A2636859L
South Australia	A2159334K	A2646169R
Western Australia	A2159335L	A2643509V
Tasmania	A2159336R	A2638189X
Northern Territory	A2159337T	A2642179W
Australian Capital Territory	A2159338V	A2640849K
Australia	A2159339W	A2639519W

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 9A. ORDINARY HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (FINANCIAL YEAR INDEX NUMBERS
FOR YEAR ENDED JUNE QUARTER

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
Private		
Mining	-	A2712242R
Manufacturing	-	A2712246X
Electricity, gas, water and waste services	-	A2712238X
Construction	-	A2712258J
Wholesale trade	-	A2712254X
Retail trade	-	A2712252V
Accommodation and food services	-	A2712228V
Transport, postal and warehousing	-	A2712234R
Information media and telecommunications	-	A2712244V
Financial and insurance services	-	A2712232K
Rental, hiring and real estate services	-	A2712260V
Professional, scientific and technical services	-	A2712236V
Administrative and support services	-	A2712248C
Public administration and safety	-	A2712250R
Education and training	-	A2712230F
Health care and social assistance	-	A2712240K
Arts and recreation services	-	A2712226R
Other services	-	A2712256C
All industries	-	A2712262X
Public		
Electricity, gas, water and waste services	-	A2712428L
Professional, scientific and technical services	-	A2712426J
Public administration and safety	-	A2712440C
Education and training	-	A2712420V
Health care and social assistance	-	A2712430X
All industries	-	A2712452L

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 9A. ORDINARY HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (FINANCIAL YEAR INDEX NUMBERS
FOR YEAR ENDED JUNE QUARTER *continued*

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
All Sectors		
Mining	–	A2712356L
Manufacturing	–	A2712360C
Electricity, gas, water and waste services	–	A2712352C
Construction	–	A2712372L
Wholesale trade	–	A2712368W
Retail trade	–	A2712366T
Accommodation and food services	–	A2712342X
Transport, postal and warehousing	–	A2712348L
Information media and telecommunications	–	A2712358T
Financial and insurance services	–	A2712346J
Rental, hiring and real estate services	–	A2712374T
Professional, scientific and technical services	–	A2712350X
Administrative and support services	–	A2712362J
Public administration and safety	–	A2712364L
Education and training	–	A2712344C
Health care and social assistance	–	A2712354J
Arts and recreation services	–	A2712340V
Other services	–	A2712370J
All industries	–	A2712376W

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 9B. ORDINARY HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (QUARTERLY INDEX NUMBERS FOR
YEAR ENDED JUNE QUARTER)

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
Private		
Mining	-	A2638849V
Manufacturing	-	A2638869C
Electricity, gas, water and waste services	-	A2638829K
Construction	-	A2638929V
Wholesale trade	-	A2638909K
Retail trade	-	A2638899T
Accommodation and food services	-	A2638779X
Transport, postal and warehousing	-	A2638809A
Information media and telecommunications	-	A2638859X
Financial and insurance services	-	A2638799J
Rental, hiring and real estate services	-	A2638939X
Professional, scientific and technical services	-	A2638819F
Administrative and support services	-	A2638879J
Public administration and safety	-	A2638889L
Education and training	-	A2638789C
Health care and social assistance	-	A2638839R
Arts and recreation services	-	A2638769V
Other services	-	A2638919R
All industries	-	A2638949C
Public		
Electricity, gas, water and waste services	-	A2639779T
Professional, scientific and technical services	-	A2639769L
Public administration and safety	-	A2639839J
Education and training	-	A2639739X
Health care and social assistance	-	A2639789W
All industries	-	A2639899K

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 9B. ORDINARY HOURLY RATES OF PAY EXCLUDING BONUSES:
SECTOR BY INDUSTRY, ORIGINAL (QUARTERLY INDEX NUMBERS FOR
YEAR ENDED JUNE QUARTER) *continued*

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
All Sectors		
Mining	–	A2639419L
Manufacturing	–	A2639439W
Electricity, gas, water and waste services	–	A2639399R
Construction	–	A2639499X
Wholesale trade	–	A2639479R
Retail trade	–	A2639469K
Accommodation and food services	–	A2639349T
Transport, postal and warehousing	–	A2639379F
Information media and telecommunications	–	A2639429T
Financial and insurance services	–	A2639369A
Rental, hiring and real estate services	–	A2639509T
Professional, scientific and technical services	–	A2639389K
Administrative and support services	–	A2639449A
Public administration and safety	–	A2639459F
Education and training	–	A2639359W
Health care and social assistance	–	A2639409J
Arts and recreation services	–	A2639339L
Other services	–	A2639489V
All industries	–	A2639519W

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 11. ANNUAL AND PUBLIC HOLIDAY LEAVE, SECTOR BY STATE

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Private		
New South Wales	A2249725F	A2552527V
Victoria	A2249728L	A2571147W
Queensland	A2249731A	A2555187R
South Australia	A2249734J	A2573807C
Western Australia	A2249737R	A2568487J
Tasmania	A2249740C	A2557847W
Northern Territory	A2249743K	A2565827L
Australian Capital Territory	A2249746T	A2563167F
Australia	A2249686A	A2560507K
Public		
New South Wales	A2249726J	A2554427W
Victoria	A2249729R	A2573047X
Queensland	A2249732C	A2557087T
South Australia	A2249735K	A2575707F
Western Australia	A2249738T	A2570387R
Tasmania	A2249741F	A2559747X
Northern Territory	A2249744L	A2567727R
Australian Capital Territory	A2249747V	A2565067J
Australia	A2249702R	A2562407L
All Sectors		
New South Wales	A2249727K	A2553667R
Victoria	A2249730X	A2572287T
Queensland	A2249733F	A2556327X
South Australia	A2249736L	A2574947X
Western Australia	A2249739V	A2569627T
Tasmania	A2249742J	A2558987T
Northern Territory	A2249745R	A2566967J
Australian Capital Territory	A2249748W	A2564307R
Australia	A2249708C	A2561647F

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 12. ANNUAL AND PUBLIC HOLIDAY LEAVE, SECTOR BY INDUSTRY

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
Private		
Mining	-	A2560487L
Manufacturing	-	A2560491C
Electricity, gas, water and waste services	-	A2560483C
Construction	-	A2560503A
Wholesale trade	-	A2560499W
Retail trade	-	A2560497T
Accommodation and food services	-	A2560473X
Transport, postal and warehousing	-	A2560479L
Information media and telecommunications	-	A2560489T
Financial and insurance services	-	A2560477J
Rental, hiring and real estate services	-	A2560505F
Professional, scientific and technical services	-	A2560481X
Administrative and support services	-	A2560493J
Public administration and safety	-	A2560495L
Education and training	-	A2560475C
Health care and social assistance	-	A2560485J
Arts and recreation services	-	A2560471V
Other services	-	A2560501W
All industries	-	A2560507K
Public		
Electricity, gas, water and waste services	-	A2562383F
Professional, scientific and technical services	-	A2562381A
Public administration and safety	-	A2562395R
Education and training	-	A2562375F
Health care and social assistance	-	A2562385K
All industries	-	A2562407L

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 12. ANNUAL AND PUBLIC HOLIDAY LEAVE, SECTOR BY
INDUSTRY *continued*

<i>Series</i>	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
All Sectors		
Mining	-	A2561627W
Manufacturing	-	A2561631L
Electricity, gas, water and waste services	-	A2561623L
Construction	-	A2561643W
Wholesale trade	-	A2561639F
Retail trade	-	A2561637A
Accommodation and food services	-	A2561613J
Transport, postal and warehousing	-	A2561619W
Information media and telecommunications	-	A2561629A
Financial and insurance services	-	A2561617T
Rental, hiring and real estate services	-	A2561645A
Professional, scientific and technical services	-	A2561621J
Administrative and support services	-	A2561633T
Public administration and safety	-	A2561635W
Education and Training	-	A2561615L
Health care and social assistance	-	A2561625T
Arts and recreation services	-	A2561611C
Other services	-	A2561641T
All industries	-	A2561647F

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 13. SUPERANNUATION, SECTOR BY STATE

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Private		
New South Wales	A2249851V	A2552261W
Victoria	A2249854A	A2570881W
Queensland	A2249857J	A2554921C
South Australia	A2249860W	A2573541F
Western Australia	A2249863C	A2568221X
Tasmania	A2249866K	A2557581X
Northern Territory	A2249869T	A2565561R
Australian Capital Territory	A2249872F	A2562901V
Australia	A2249812C	A2560241L
Public		
New South Wales	A2249852W	A2554161X
Victoria	A2249855C	A2572781X
Queensland	A2249858K	A2556821F
South Australia	A2249861X	A2575441J
Western Australia	A2249864F	A2570121F
Tasmania	A2249867L	A2559481A
Northern Territory	A2249870A	A2567461T
Australian Capital Territory	A2249873J	A2564801W
Australia	A2249828W	A2562141R
All Sectors		
New South Wales	A2249853X	A2553401F
Victoria	A2249856F	A2572021J
Queensland	A2249859L	A2556061A
South Australia	A2249862A	A2574681A
Western Australia	A2249865J	A2569361V
Tasmania	A2249868R	A2558721J
Northern Territory	A2249871C	A2566701X
Australian Capital Territory	A2249874K	A2564041T
Australia	A2249834T	A2561381J

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 14. SUPERANNUATION,
SECTOR BY INDUSTRY

<i>Series</i>	<i>ANZSIC 1993 series ID(a)</i>	<i>ANZSIC 2006 series ID</i>
Private		
Mining	–	A2560221C
Manufacturing	–	A2560225L
Electricity, gas, water and waste services	–	A2560217L
Construction	–	A2560237W
Wholesale trade	–	A2560233L
Retail trade	–	A2560231J
Accommodation and food services	–	A2560207J
Transport, postal and warehousing	–	A2560213C
Information media and telecommunications	–	A2560223J
Financial and insurance services	–	A2560211X
Rental, hiring and real estate services	–	A2560239A
Professional, scientific and technical services	–	A2560215J
Administrative and support services	–	A2560227T
Public administration and safety	–	A2560229W
Education and training	–	A2560209L
Health care and social assistance	–	A2560219T
Arts and recreation services	–	A2560205C
Other services	–	A2560235T
All industries	–	A2560241L
Public		
Electricity, gas, water and waste services	–	A2562117R
Professional, scientific and technical services	–	A2562115K
Public administration and safety	–	A2562129X
Education and training	–	A2562109R
Health care and social assistance	–	A2562119V
All industries	–	A2562141R

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 14. SUPERANNUATION,
SECTOR BY INDUSTRY *continued*

<i>Series</i>	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
All Sectors		
Mining	–	A2561361X
Manufacturing	–	A2561365J
Electricity, gas, water and waste Sservices	–	A2561357J
Construction	–	A2561377T
Wholesale trade	–	A2561373J
Retail trade	–	A2561371C
Accommodation and food services	–	A2561347C
Transport, postal and warehousing	–	A2561353X
Information media and telecommunications	–	A2561363C
Financial and insurance services	–	A2561351V
Rental, hiring and real estate services	–	A2561379W
Professional, scientific and technical services	–	A2561355C
Administrative and support services	–	A2561367L
Public administration and safety	–	A2561369T
Education and training	–	A2561349J
Health care and social assistance	–	A2561359L
Arts and recreation services	–	A2561345X
Other services	–	A2561375L
All industries	–	A2561381J

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 15. PAYROLL TAX, SECTOR BY STATE

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Private		
New South Wales	A2249788R	A2552185F
Victoria	A2249791C	A2570805V
Queensland	A2249794K	A2554845L
South Australia	A2249797T	A2573465R
Western Australia	A2249800V	A2568145J
Tasmania	A2249803A	A2557505W
Northern Territory	A2249806J	A2565485X
Australian Capital Territory	A2249809R	A2562825C
Australia	A2249749X	A2560165W
Public		
New South Wales	A2249789T	A2554085J
Victoria	A2249792F	A2572705W
Queensland	A2249795L	A2556745R
South Australia	A2249798V	A2575365T
Western Australia	A2249801W	A2570045R
Tasmania	A2249804C	A2559405X
Northern Territory	A2249807K	A2567385A
Australian Capital Territory	A2249810X	A2564725F
Australia	A2249765X	A2562065X
All Sectors		
New South Wales	A2249790A	A2553325R
Victoria	A2249793J	A2571945R
Queensland	A2249796R	A2555985J
South Australia	A2249799W	A2574605X
Western Australia	A2249802X	A2569285C
Tasmania	A2249805F	A2558645T
Northern Territory	A2249808L	A2566625J
Australian Capital Territory	A2249811A	A2563965X
Australia	A2249771V	A2561305F

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 16. PAYROLL TAX,
SECTOR BY INDUSTRY

<i>Series</i>	<i>ANZSIC 1993 series ID(a)</i>	<i>ANZSIC 2006 series ID</i>
Private		
Mining	—	A2560145L
Manufacturing	—	A2560149W
Electricity, gas, water and waste services	—	A2560141C
Construction	—	A2560161L
Wholesale trade	—	A2560157W
Retail trade	—	A2560155T
Accommodation and food services	—	A2560131X
Transport, postal and warehousing	—	A2560137L
Information media and telecommunications	—	A2560147T
Financial and insurance services	—	A2560135J
Rental, hiring and real estate services	—	A2560163T
Professional, scientific and technical services	—	A2560139T
Administrative and support services	—	A2560151J
Public administration and safety	—	A2560153L
Education and training	—	A2560133C
Health care and social assistance	—	A2560143J
Arts and recreation services	—	A2560129L
Other services	—	A2560159A
All industries	—	A2560165W
Public		
Electricity, gas, water and waste services	—	A2562041F
Professional, scientific and technical services	—	A2562039V
Public administration and safety	—	A2562053R
Education and training	—	A2562033F
Health care and social assistance	—	A2562043K
All industries	—	A2562065X

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 16. PAYROLL TAX,
SECTOR BY INDUSTRY *continued*

<i>Series</i>	<i>ANZSIC 1993 series ID(a)</i>	<i>ANZSIC 2006 series ID</i>
All Sectors		
Mining	–	A2561285J
Manufacturing	–	A2561289T
Electricity, gas, water and waste services	–	A2561281X
Construction	–	A2561301W
Wholesale trade	–	A2561297T
Retail trade	–	A2561295L
Accommodation and food services	–	A2561271V
Transport, postal and warehousing	–	A2561277J
Information media and telecommunications	–	A2561287L
Financial and insurance services	–	A2561275C
Rental, hiring and real estate services	–	A2561303A
Professional, scientific and technical services	–	A2561279L
Administrative and support services	–	A2561291C
Public administration and safety	–	A2561293J
Education and training	–	A2561273X
Health care and social assistance	–	A2561283C
Arts and recreation services	–	A2561269J
Other services	–	A2561299W
All industries	–	A2561305F

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 17. WORKERS' COMPENSATION, SECTOR BY STATE

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Private		
New South Wales	A2249914T	A2552223J
Victoria	A2249917X	A2570843J
Queensland	A2249920L	A2554883A
South Australia	A2249923V	A2573503T
Western Australia	A2249926A	A2568183W
Tasmania	A2249929J	A2557543K
Northern Territory	A2249932W	A2565523A
Australian Capital Territory	A2249935C	A2562863T
Australia	A2249875L	A2560203X
Public		
New South Wales	A2249915V	A2554123K
Victoria	A2249918A	A2572743K
Queensland	A2249921R	A2556783C
South Australia	A2249924W	A2575403V
Western Australia	A2249927C	A2570083C
Tasmania	A2249930T	A2559443L
Northern Territory	A2249933X	A2567423C
Australian Capital Territory	A2249936F	A2564763V
Australia	A2249891L	A2562103A
All Sectors		
New South Wales	A2249916W	A2553363C
Victoria	A2249919C	A2571983C
Queensland	A2249922T	A2556023L
South Australia	A2249925X	A2574643L
Western Australia	A2249928F	A2569323F
Tasmania	A2249931V	A2558683F
Northern Territory	A2249934A	A2566663W
Australian Capital Territory	A2249937J	A2564003C
Australia	A2249897A	A2561343V

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 18. WORKERS' COMPENSATION,
SECTOR BY INDUSTRY

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
Private		
Mining	—	A2560183A
Manufacturing	—	A2560187K
Electricity, gas, water and waste services	—	A2560179K
Construction	—	A2560199V
Wholesale trade	—	A2560195K
Retail trade	—	A2560193F
Accommodation and food services	—	A2560169F
Transport, postal and warehousing	—	A2560175A
Information media and telecommunications	—	A2560185F
Financial and insurance services	—	A2560173W
Rental, hiring and real estate services	—	A2560201V
Professional, scientific and technical services	—	A2560177F
Administrative and support services	—	A2560189R
Public administration and safety	—	A2560191A
Education and training	—	A2560171T
Health care and social assistance	—	A2560181W
Arts and recreation services	—	A2560167A
Other services	—	A2560197R
All Industries	—	A2560203X
Public		
Electricity, gas, water and waste services	—	A2562079L
Professional, scientific and technical services	—	A2562077J
Public administration and safety	—	A2562091C
Education and training	—	A2562071V
Health care and social assistance	—	A2562081X
All industries	—	A2562103A

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 18. WORKERS' COMPENSATION,
SECTOR BY INDUSTRY *continued*

<i>Series</i>	<i>ANZSIC 1993 series ID(a)</i>	<i>ANZSIC 2006 series ID</i>
All Sectors		
Mining	-	A2561323K
Manufacturing	-	A2561327V
Electricity, gas, water and waste services	-	A2561319V
Construction	-	A2561339C
Wholesale trade	-	A2561335V
Retail trade	-	A2561333R
Accommodation and food services	-	A2561309R
Transport, postal and warehousing	-	A2561315K
Information media and telecommunications	-	A2561325R
Financial and insurance services	-	A2561313F
Rental, hiring and real estate services	-	A2561341R
Professional, scientific and technical services	-	A2561317R
Administrative and support services	-	A2561329X
Public administration and safety	-	A2561331K
Education and training	-	A2561311A
Health care and social assistance	-	A2561321F
Arts and recreation services	-	A2561307K
Other services	-	A2561337X
All industries	-	A2561343V

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 19. LABOUR PRICE INDEX EXCLUDING BONUSES, SECTOR BY STATE

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Private		
New South Wales	A2249599C	A2552451K
Victoria	A2249602F	A2571071L
Queensland	A2249605L	A2555111V
South Australia	A2249608V	A2573731V
Western Australia	A2249611J	A2568411L
Tasmania	A2249614R	A2557771L
Northern Territory	A2249617W	A2565751C
Australian Capital Territory	A2249620K	A2563091W
Australia	A2249560V	A2560431A
Public		
New South Wales	A2249600A	A2554351L
Victoria	A2249603J	A2572971L
Queensland	A2249606R	A2557011W
South Australia	A2249609W	A2575631W
Western Australia	A2249612K	A2570311V
Tasmania	A2249615T	A2559671R
Northern Territory	A2249618X	A2567651F
Australian Capital Territory	A2249621L	A2564991W
Australia	A2249576L	A2562331C
All Sectors		
New South Wales	A2249601C	A2553591F
Victoria	A2249604K	A2572211W
Queensland	A2249607T	A2556251R
South Australia	A2249610F	A2574871R
Western Australia	A2249613L	A2569551J
Tasmania	A2249616V	A2558911W
Northern Territory	A2249619A	A2566891X
Australian Capital Territory	A2249622R	A2564231F
Australia	A2249582J	A2561571W

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

TABLE 20. LABOUR PRICE INDEX EXCLUDING BONUSES, SECTOR BY INDUSTRY

Series	ANZSIC 1993 series ID(a)	ANZSIC 2006 series ID
Private		
Mining	—	A2560411T
Manufacturing	—	A2560415A
Electricity, gas, water and waste services	—	A2560407A
Construction	—	A2560427K
Wholesale trade	—	A2560423A
Retail trade	—	A2560421W
Accommodation and food services	—	A2560397J
Transport, postal and warehousing	—	A2560403T
Information media and telecommunications	—	A2560413W
Financial and insurance services	—	A2560401L
Rental, hiring and real estate services	—	A2560429R
Professional, scientific and technical services	—	A2560405W
Administrative and support services	—	A2560417F
Public administration and safety	—	A2560419K
Education and training	—	A2560399L
Health care and social assistance	—	A2560409F
Arts and recreation services	—	A2560395C
Other services	—	A2560425F
All industries	—	A2560431A
Public		
Electricity, gas, water and waste services	—	A2562307C
Professional, scientific and technical services	—	A2562305X
Public administration and safety	—	A2562319L
Education and training	—	A2562299R
Health care and social assistance	—	A2562309J
All industries	—	A2562331C

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

APPENDIX 1 SUMMARY OF TIME SERIES SPREADSHEETS *continued*

LIST OF IDENTIFIERS FOR
TIME SERIES SPREADSHEETS
continued

TABLE 20. LABOUR PRICE INDEX EXCLUDING BONUSES, SECTOR BY
INDUSTRY *continued*

<i>Series</i>	<i>ANZSIC 1993 series ID(a)</i>	<i>ANZSIC 2006 series ID</i>
All Sectors		
Mining	–	A2561551L
Manufacturing	–	A2561555W
Electricity, gas, water and waste services	–	A2561547W
Construction	–	A2561567F
Wholesale trade	–	A2561563W
Retail trade	–	A2561561T
Accommodation and food services	–	A2561537T
Transport, postal and warehousing	–	A2561543L
Information media and telecommunications	–	A2561553T
Financial and insurance services	–	A2561541J
Rental, hiring and real estate services	–	A2561569K
Professional, scientific and technical services	–	A2561545T
Administrative and support services	–	A2561557A
Public administration and safety	–	A2561559F
Education and training	–	A2561539W
Health care and social assistance	–	A2561549A
Arts and recreation services	–	A2561535L
Other services	–	A2561565A
All industries	–	A2561571W

(a) There is no equivalent 1993 ANZSIC series as the industry divisions are not the same as in ANZSIC 2006. Industry series based on an ANZSIC 1993 basis can be found via the 'Downloads' tab in releases prior to September quarter 2009.

TABLE 21. LABOUR PRICE INDEX INCLUDING BONUSES, SECTOR

<i>Series</i>	<i>ANZSIC 1993 series ID</i>	<i>ANZSIC 2006 series ID</i>
Private Sector	A2249623T	A2560317W
Public Sector	A2249639K	A2562217X
All Sectors	A2249645F	A2561457T

APPENDIX 2 SAMPLE OF LABOUR PRICE INDEX, AUSTRALIA

SAMPLE OF SEPTEMBER
QUARTER 2009 LABOUR
PRICE INDEX PUBLICATION

The following is a sample of the expected layout for the first release of Labour Price Index data series based on ANZSIC 2006.

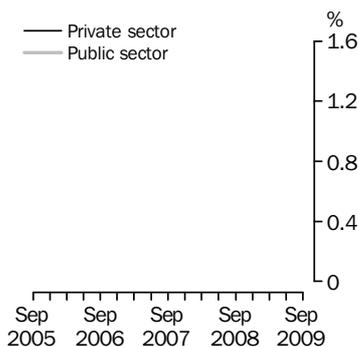
LABOUR PRICE INDEX

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) WED 18 NOV 2009

WPI—Quarterly changes: Trend(a)

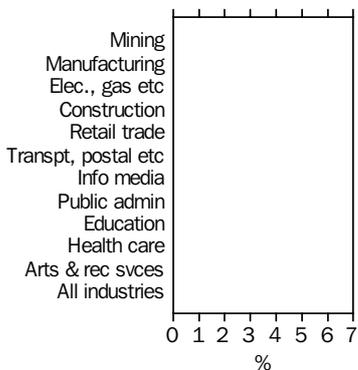
Total hourly rates of pay excluding bonuses



(a) See Explanatory notes paras 45–46, 49

WPI—Annual change: original

Total hourly rates of pay excluding bonuses
Selected industries, Sep Qtr 2009



For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or David Taylor on Perth (08) 9360 5151.

KEY FIGURES

	Jun Qtr 2009 to Sep Qtr 2009 % change	Sep Qtr 2008 to Sep Qtr 2009 % change
Wage Price Index (WPI)		
Total hourly rates of pay excluding bonuses		
Trend(a)		
Australia	—	—
Sector		
Private	—	—
Public	—	—
Original		
Australia	—	—
Sector		
Private	—	—
Public	—	—

— nil or rounded to zero (including null cells)

(a) See Explanatory Notes paragraphs 45–46, 49

	2007–08 % change	2008–09 % change
Labour price index excluding bonuses		
Australia	—	—
Sector		
Private	—	—
Public	—	—

— nil or rounded to zero (including null cells)

KEY POINTS

TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES

QUARTERLY CHANGE (JUN QTR 2009 TO SEP QTR 2009)

- The index for all employee jobs in Australia increased by x.x%, in trend terms.

ANNUAL CHANGE (SEP QTR 2008 TO SEP QTR 2009)

- The increase in the trend index through the year to September 2009 for all employee jobs in Australia was x.x%.

LABOUR PRICE INDEX EXCLUDING BONUSES

CHANGE FROM 2007–08 TO 2008–09

- The change to 2008–09 was x.x%, with the private sector increasing by x.x% and the public sector by x.x%.

NOTES

FORTHCOMING ISSUES

<i>ISSUE (Quarter)</i>	<i>RELEASE DATE</i>
December 2009	24 February 2010
March 2010	19 May 2010

.....

CHANGES IN THIS ISSUE

The estimates in this publication are based on the Australian and New Zealand Standard Industrial Classification (ANZSIC) 2006 edition. Data in previous issues are based on the 1993 version of the ANZSIC. The 2006 edition of the ANZSIC was adopted to provide a more contemporary industrial classification system, taking into account issues such as changes in the structure and composition of the economy, changing user demands and compatibility with major international classification standards. This publication also includes data from previous periods on an ANZSIC 2006 basis.

Further information about the introduction of ANZSIC 2006 can be found in Information Paper: *Update on ANZSIC 2006 Implementation for the Labour Price Index, Australia, 2009* (cat.no. 6345.0.55.001) .

NEW INDEX REFERENCE BASE

From the September quarter 2009, all index numbers have been released on a new reference base of 2008–09, i.e. the numbers in each index series have been reset to equal 100.0 for the financial year 2008–09. Details about the re-referencing process and how to convert the rebased quarterly series of index numbers back to the previous reference base of the 2003–04 financial year = 100.0 are provided in Appendix 2.

ABS DATA AVAILABLE ON REQUEST

Original indexes are compiled for various combinations of state/territory, sector and broad industry group. Seasonally adjusted and trend indexes are compiled only for total hourly rates of pay excluding bonuses for each of the private sector, public sector and all sectors. Indexes not included in this publication may be made available on request by telephoning David Taylor on Perth (08) 9360 5151.

FURTHER INFORMATION

More detailed information on the Labour Price Index (LPI) is available in *Labour Price Index: Concepts, Sources and Methods, Australia* (cat. no. 6351.0.55.001).

.....

ABBREVIATIONS

ABS Australian Bureau of Statistics
LPI labour price index
WPI wage price index

Brian Pink
Australian Statistician

CONTENTS

	<i>page</i>
Notes	2
Commentary	5

TABLES OF WAGE PRICE INDEXES

INDEXES OF TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES

1 Sector: Original, seasonally adjusted and trend	6
2 Australia, states and territories, all sectors: Original	7
3 Australia, states and territories, private sector: Original	8
4 Australia, states and territories, public sector: Original	9
5 Sector by industry, index numbers: Original	10
6 Sector by industry, percentage changes: Original	11

INDEXES OF HOURLY RATES OF PAY INCLUDING BONUSES

7 Sector: Original	12
---------------------------------	----

INDEXES OF ORDINARY TIME HOURLY RATES OF PAY EXCLUDING BONUSES

8 Australia, states and territories: Original	13
9 Sector by industry, index numbers: Original	14
10 Sector by industry, percentage changes: Original	15

TABLES OF NON-WAGE PRICE INDEXES

INDEXES OF ANNUAL AND PUBLIC HOLIDAY LEAVE

11 Australia, states and territories, sector	16
12 Sector by industry	17

INDEXES OF SUPERANNUATION

13 Australia, states and territories, sector	18
14 Sector by industry	19

INDEXES OF PAYROLL TAX

15 Australia, states and territories, sector	20
16 Sector by industry	21

INDEXES OF WORKERS' COMPENSATION

17 Australia, states and territories, sector	22
18 Sector by industry	23

TABLES OF LABOUR PRICE INDEXES

LABOUR PRICE INDEXES EXCLUDING BONUSES

19 Australia, states and territories, sector	24
20 Sector by industry	25

CONTENTS *continued*

page

TABLES OF LABOUR PRICE INDEXES *continued*

LABOUR PRICE INDEX INCLUDING BONUSES

21 Sector	26
------------------------	----

ADDITIONAL INFORMATION

Explanatory Notes	27
Appendix 1: Distribution of expenditure on wages	34
Appendix 2: Re-referencing the wage price index	35
Glossary	37

Sample

COMMENTARY

THIS PAGE WILL CONTAIN
COMMENTARY.

Sample

WAGE PRICE INDEX: TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES,
Sector

Period	ORIGINAL			SEASONALLY ADJUSTED(a)			TREND(b)		
	Private	Public	All Sectors	Private	Public	All Sectors	Private	Public	All Sectors
INDEX NUMBERS (c)									
2006									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2007									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR (%)									
2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
CHANGE FROM PREVIOUS QUARTER (%)									
2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) See Explanatory notes paragraphs 37–44,49.

(b) See Explanatory notes paragraphs 45–46,49.

(c) Reference base of each index: 2008–09 = 100.0.

**WAGE PRICE INDEX: TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES,
All Sectors: Original**

<i>Period</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	Australia
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INDEX NUMBERS (a)

2005-06	—	—	—	—	—	—	—	—	—
2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—
2006									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2007									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS FINANCIAL YEAR (%)

2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—

CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS QUARTER (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

**WAGE PRICE INDEX: TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES,
Private Sector: Original**

<i>Period</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	Australia
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INDEX NUMBERS (a)

2005-06	—	—	—	—	—	—	—	—	—
2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—
2006									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2007									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS FINANCIAL YEAR (%)

2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—

CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS QUARTER (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

<i>Period</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	Australia
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INDEX NUMBERS (a)

2005-06	—	—	—	—	—	—	—	—	—
2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—
2006									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2007									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS FINANCIAL YEAR (%)

2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—

CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS QUARTER (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

Industry	FINANCIAL YEAR				QUARTER				
	2005-06	2006-07	2007-08	2008-09	Sep Qtr 2008	Dec Qtr 2008	Mar Qtr 2009	Jun Qtr 2009	Sep Qtr 2009
PRIVATE									
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—
<i>All industries</i>	—	—	—	—	—	—	—	—	—
PUBLIC									
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—
<i>All industries(b)</i>	—	—	—	—	—	—	—	—	—
ALL SECTORS									
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(b) Includes those industries not separately listed.

(a) Reference base of each index: 2008-09 = 100.0

WAGE PRICE INDEX: TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES,
Sector by Industry—Percentage changes: **Original**

Industry	FROM PREVIOUS FINANCIAL YEAR			FROM CORRESPONDING QUARTER OF PREVIOUS YEAR			FROM PREVIOUS QUARTER			
	2006-07	2007-08	2008-09	Sep Qtr 2007	Sep Qtr 2008	Sep Qtr 2009	Dec Qtr 2008	Mar Qtr 2009	Jun Qtr 2009	Sep Qtr 2009
PRIVATE										
Mining	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—	—
<i>All industries</i>	—	—	—	—	—	—	—	—	—	—
PUBLIC										
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—	—
<i>All industries(a)</i>	—	—	—	—	—	—	—	—	—	—
ALL SECTORS										
Mining	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Includes those industries not separately listed.

Period	ORDINARY TIME HOURLY RATES			TOTAL HOURLY RATES		
	Private	Public	All Sectors	Private	Public	All Sectors
INDEX NUMBERS (a)(b)						
2005-06	—	—	—	—	—	—
2006-07	—	—	—	—	—	—
2007-08	—	—	—	—	—	—
2008-09	—	—	—	—	—	—
2006						
September	—	—	—	—	—	—
December	—	—	—	—	—	—
2007						
March	—	—	—	—	—	—
June	—	—	—	—	—	—
September	—	—	—	—	—	—
December	—	—	—	—	—	—
2008						
March	—	—	—	—	—	—
June	—	—	—	—	—	—
September	—	—	—	—	—	—
December	—	—	—	—	—	—
2009						
March	—	—	—	—	—	—
June	—	—	—	—	—	—
September	—	—	—	—	—	—
CHANGE FROM PREVIOUS FINANCIAL YEAR (%)						
2006-07	—	—	—	—	—	—
2007-08	—	—	—	—	—	—
2008-09	—	—	—	—	—	—
CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR (%)						
2007						
September	—	—	—	—	—	—
December	—	—	—	—	—	—
2008						
March	—	—	—	—	—	—
June	—	—	—	—	—	—
September	—	—	—	—	—	—
December	—	—	—	—	—	—
2009						
March	—	—	—	—	—	—
June	—	—	—	—	—	—
September	—	—	—	—	—	—
CHANGE FROM PREVIOUS QUARTER (%)						
2007						
September	—	—	—	—	—	—
December	—	—	—	—	—	—
2008						
March	—	—	—	—	—	—
June	—	—	—	—	—	—
September	—	—	—	—	—	—
December	—	—	—	—	—	—
2009						
March	—	—	—	—	—	—
June	—	—	—	—	—	—
September	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

(b) A methodological change to the pricing of bonuses and commissions was implemented in March quarter 2006. See paragraph 15 of the Explanatory Notes.

<i>Period</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	Australia
---------------	------------------------	-----------------	-------------------	------------------------	--------------------------	-----------------	---------------------------	-------------------------------------	------------------

INDEX NUMBERS (a)

2005-06	—	—	—	—	—	—	—	—	—
2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—
2006									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2007									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS FINANCIAL YEAR (%)

2006-07	—	—	—	—	—	—	—	—	—
2007-08	—	—	—	—	—	—	—	—	—
2008-09	—	—	—	—	—	—	—	—	—

CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

CHANGE FROM PREVIOUS QUARTER (%)

2007									
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2008									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—
2009									
March	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

Industry	FINANCIAL YEAR				QUARTER				
	2005-06	2006-07	2007-08	2008-09	Sep Qtr 2008	Dec Qtr 2008	Mar Qtr 2009	Jun Qtr 2009	Sep Qtr 2009
PRIVATE									
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—
<i>All industries</i>	—	—	—	—	—	—	—	—	—
PUBLIC									
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—
<i>All industries(b)</i>	—	—	—	—	—	—	—	—	—
ALL SECTORS									
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(b) Includes those industries not separately listed.

(a) Reference base of each index: 2008-09 = 100.0

Industry	FROM PREVIOUS FINANCIAL YEAR			FROM CORRESPONDING QUARTER OF PREVIOUS YEAR			FROM PREVIOUS QUARTER			
	2006-07	2007-08	2008-09	Sep Qtr 2007	Sep Qtr 2008	Sep Qtr 2009	Dec Qtr 2008	Mar Qtr 2009	Jun Qtr 2009	Sep Qtr 2009
PRIVATE										
Mining	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—	—
<i>All industries</i>	—	—	—	—	—	—	—	—	—	—
PUBLIC										
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—	—
<i>All industries(a)</i>	—	—	—	—	—	—	—	—	—	—
ALL SECTORS										
Mining	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Includes those industries not separately listed.

	INDEX NUMBERS (a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
PUBLIC							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
ALL SECTORS							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

Industry	INDEX NUMBERS(a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—
PUBLIC							
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
All industries(b)	—	—	—	—	—	—	—
ALL SECTORS							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(b) Includes those industries not separately listed.

(a) Reference base of each index: 2008-09 = 100.0

	INDEX NUMBERS (a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
PUBLIC							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
ALL SECTORS							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

Industry	INDEX NUMBERS(a)				CHANGE FROM PERVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
<i>All industries</i>	—	—	—	—	—	—	—
PUBLIC							
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
<i>All industries(b)</i>	—	—	—	—	—	—	—
ALL SECTORS							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(b) Includes those industries not separately listed.

(a) Reference base of each index: 2008-09 = 100.0.

	INDEX NUMBERS (a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
	PRIVATE						
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
PUBLIC							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
ALL SECTORS							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

Industry	INDEX NUMBERS(a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
<i>All industries</i>	—	—	—	—	—	—	—
PUBLIC							
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
<i>All industries(b)</i>	—	—	—	—	—	—	—
ALL SECTORS							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(b) Includes those industries not separately listed.

(a) Reference base of each index: 2008-09 = 100.0.

	INDEX NUMBERS (a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
PUBLIC							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
ALL SECTORS							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory (b)	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

(b) Includes imputed ACT private sector workers' compensation rates. See paragraph 19 of the Explanatory Notes.

Industry	INDEX NUMBERS(a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
<i>All industries</i>	—	—	—	—	—	—	—
PUBLIC							
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
<i>All industries(b)</i>	—	—	—	—	—	—	—
ALL SECTORS							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(b) Includes those industries not separately listed.

(a) Reference base of each index: 2008-09 = 100.0.

	INDEX NUMBERS (a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
PUBLIC							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—
ALL SECTORS							
New South Wales	—	—	—	—	—	—	—
Victoria	—	—	—	—	—	—	—
Queensland	—	—	—	—	—	—	—
South Australia	—	—	—	—	—	—	—
Western Australia	—	—	—	—	—	—	—
Tasmania	—	—	—	—	—	—	—
Northern Territory	—	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 2008-09 = 100.0.

Industry	INDEX NUMBERS(a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
PRIVATE							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—
PUBLIC							
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
All industries(b)	—	—	—	—	—	—	—
ALL SECTORS							
Mining	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—
Electricity, gas, water and waste services	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—
Wholesale trade	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—
Accommodation and food services	—	—	—	—	—	—	—
Transport, postal and warehousing	—	—	—	—	—	—	—
Information media and telecommunications	—	—	—	—	—	—	—
Financial and insurance services	—	—	—	—	—	—	—
Rental, hiring and real estate services	—	—	—	—	—	—	—
Professional, scientific and technical services	—	—	—	—	—	—	—
Administrative and support services	—	—	—	—	—	—	—
Public administration and safety	—	—	—	—	—	—	—
Education and training	—	—	—	—	—	—	—
Health care and social assistance	—	—	—	—	—	—	—
Arts and recreation services	—	—	—	—	—	—	—
Other services	—	—	—	—	—	—	—
All industries	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)

(b) Includes those industries not separately listed.

(a) Reference base of each index: 2008-09 = 100.0.

	INDEX NUMBERS(a)				CHANGE FROM PREVIOUS FINANCIAL YEAR (%)		
	2005-06	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
Private	—	—	—	—	—	—	—
Public	—	—	—	—	—	—	—
All Sectors	—	—	—	—	—	—	—

— nil or rounded to zero (including null cells)
 (a) Reference base of each index: 2008-09 = 100.0.

Sample

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains indexes measuring changes in the price of labour in the Australian labour market.

2 The methodology used to construct the wage, non-wage and labour price indexes (LPI) is similar to that used for other price indexes such as the Consumer Price Index. In the LPI, index numbers are compiled using information collected from a representative sample of employee jobs within a sample of employing organisations. Individual indexes are compiled for various combinations of state/territory, sector (private/public) and broad industry group. Wage price indexes for broad occupation groups have been discontinued with the last data in the series relating to the September quarter 2008. Appendix 3 of the December quarter 2008 edition of this publication outlines where to find historical data for occupation based indexes. That appendix also contains a concordance between the old and new publication tables as a result of these series ceasing. For more detailed information on the methodology used in the construction of the LPI, refer to *Labour Price Index: Concepts, Sources and Methods* (cat. no. 6351.0.55.001).

PUBLISHED INDEXES

3 Four wage price indexes are constructed and published quarterly. These indexes were first compiled for the September quarter 1997, and cover:

- ordinary time hourly rates of pay excluding bonuses index
- ordinary time hourly rates of pay including bonuses index
- total hourly rates of pay excluding bonuses index
- total hourly rates of pay including bonuses index.

In these indexes the term 'bonuses' refers to bonuses and commissions.

4 Four non-wage price indexes are constructed. These are financial year indexes and were first compiled for the 2001–02 financial year. The non-wage indexes cover:

- annual and public holiday leave
- superannuation
- payroll tax
- workers' compensation.

5 From the individual wage and non-wage components a labour price index can be constructed. Two versions of the labour price index are produced and, like the non-wage price indexes, they are financial year indexes (first compiled for 2001–02):

- labour price index excluding bonuses
- labour price index including bonuses.

6 The full set is updated annually in the September quarter LPI publication. In all other quarters a summary table is published as an appendix to the publication.

DESIGN OF THE INDEXES BROAD DESCRIPTION

7 The wage, non-wage and labour price indexes measure changes over time in the price of labour unaffected by changes in the quality or quantity of work performed. A range of procedures have been developed to identify and measure quality and quantity changes and ensure that only pure price changes are reflected in the indexes.

8 Price-determining characteristics of the jobs are detailed in fixed pricing specifications and any changes in labour payments due to changes in the pricing specifications do not contribute to index movements. The following are examples of changes in price-determining characteristics which are not reflected in index movements:

- changes in the nature of work performed (e.g. different tasks or responsibilities)
- changes in the quantity of work performed (e.g. the number of hours worked)
- changes in the characteristics of the job occupant (e.g. age, apprenticeship year, successful completion of training or a qualification, grade or level, experience, length of service, etc.)
- changes in the location where the work is performed.

EXPLANATORY NOTES *continued*

BROAD DESCRIPTION *continued*

9 Changes in the price of labour resulting from changes in the composition of the labour market are also excluded from index movements. To achieve this, price movements for each segment of the labour market (defined by state/territory, sector and industry) are combined using expenditure weights that remain constant between successive weighting base periods.

WAGE PRICE INDEXES

10 The *ordinary time hourly rates of pay indexes* that *exclude bonuses* measure quarterly changes in ordinary time hourly wage and salary rates. Changes in rates of pay reflected in these indexes (i.e. pure price changes) arise from a range of sources including award variations, changes in pay scales, enterprise and workplace agreements, minimum wage setting, individual contracts and informal arrangements.

11 These indexes are not affected by changes in:

- penalty payments for overtime, shifts, weekends and public holidays (which fluctuate depending on the number of hours paid at penalty rates)
- allowances (which fluctuate according to how much work is performed under special work conditions e.g. height, dirt, heat allowances)
- bonus payments (which may, or may not, relate to an individual's work performance).

These payments are specifically excluded when calculating ordinary time hourly wage and salary rates.

12 The effect of rolling ordinary time penalty payments and allowances into ordinary time hourly rates is excluded from these indexes. However, when overtime penalty payments are rolled into ordinary time hourly rates, the ordinary time indexes will increase accordingly.

13 The *total hourly rates of pay indexes* that *exclude bonuses* are based on a weighted combination of ordinary time hourly wage and salary rates (described in paragraphs 10 and 11) and overtime hourly rates. As a result, the total hourly indexes reflect changes in both the ordinary time and overtime hourly rates. However, the effect of changes in the amount of overtime paid at each overtime rate is not shown in these indexes.

14 Only those indexes that *exclude bonuses* and commissions are pure price indexes because bonus and commission payments can reflect changes in the quality of work performed. No attempt is made to remove this quality element from the indexes that include bonuses and commissions.

15 A review of the treatment of bonuses and commissions resulted in methodological changes in the March quarter 2006. Details of these changes and the likely impact on the indexes that include bonuses and commissions can be found in each of the 2006 editions of this publication.

NON-WAGE PRICE INDEXES

16 The *annual and public holiday leave index* is calculated using both ordinary time hourly wage and salary rates, and the amount of annual and public holiday leave offered by employers. Pure price changes in either of these variables will reflect in the index. The index specifically prices leave *entitlements* and therefore will not show changes due to fluctuations in the actual amount of leave taken by job occupants.

17 The *superannuation index* is calculated using ordinary time hourly wage and salary rates, and the rate of superannuation that is paid by employers. Pure price changes in either of these variables will be reflected in the index. Superannuation payments equal to and above the legislated minimum specified in the *Superannuation Guarantee Act 1992* are included in the index. Amounts that are salary sacrificed to superannuation are included in the wage price indexes and not the superannuation index.

EXPLANATORY NOTES *continued*

NON-WAGE PRICE INDEXES *continued*

18 The *payroll tax and workers' compensation indexes* are calculated differently to the other wage and non-wage indexes. As these costs are both levied at the employer level, the indexes are calculated using total payroll information rather than rates of pay data. The separate indexes are derived by applying either payroll tax rates/thresholds or workers' compensation premium rates to the total payroll data. The indexes reflect pure price changes in total payroll and either changes in the payroll tax rates/thresholds or workers' compensation premium rates.

19 Data quality concerns exist in relation to the workers' compensation premium rates for the ACT private sector. Until these concerns are resolved, these data will be imputed based on industry averages across Australia. Workers' compensation index numbers for the ACT private sector will not be published separately.

LABOUR PRICE INDEXES

20 Two labour price indexes (one including bonuses and one excluding them) are constructed from the individual wage and non-wage components. As with the wage price indexes, only the labour price index that excludes bonuses is a pure price index because bonuses tend to reflect, at least partly, changes in the quality of work performed.

SCOPE AND COVERAGE

21 The target population of employers for the LPI is all employing organisations in Australia (private and public sectors) except:

- enterprises primarily engaged in agriculture, forestry or fishing
- private households employing staff
- foreign embassies, consulates, etc.

22 All employee jobs in the target population of employers are in scope of the LPI, except the following:

- Australian permanent defence force jobs
- non-salaried directors
- proprietors/partners of unincorporated businesses
- persons paid by commission only
- working proprietors/owner managers of Pty Ltd companies
- employees on workers' compensation who are not paid through the payroll
- 'non-maintainable' jobs (i.e. jobs that are expected to be occupied for less than six months of a year)
- jobs for which wages and salaries are not determined by the Australian labour market (e.g. most employees of Community Development Employment Programs, or jobs where the remuneration is set in a foreign country).

23 As such, full-time, part-time, permanent, casual, managerial and non-managerial jobs are in scope of the LPI. Costs incurred by employers for work undertaken by self-employed persons such as consultants and subcontractors are out-of-scope of the LPI, as they do not relate to employee jobs.

DATA COLLECTION

24 Information for the wage price indexes is collected each quarter by mail questionnaires from a sample survey of private and public sector employers selected from the ABS Business Register. The survey reference date is the last pay period ending on or before the third Friday of the middle month of the quarter, except for bonuses which are collected in respect to those paid during the three month period ending on the third Friday of the middle month of the quarter. In the first quarter they participate in the survey, each employer selects a sample of jobs from their workplace(s) using sampling instructions provided by the ABS, and provides information for these jobs, including detailed pricing specifications. In subsequent quarters they are asked to provide details of payments made to the current occupants of these same jobs. It is essential that the same jobs are priced in successive quarters, whether the individual job occupants are the same or not. Approximately matched jobs are priced each quarter from the selected employers.

EXPLANATORY NOTES *continued*

DATA COLLECTION *continued*

25 The sampling method retains the highest possible common sample of employers over time, and retains the same sampled jobs within those employers where possible. However, it is also necessary to ensure the LPI continues to be relevant and representative over time. For these reasons, the employer sample is refreshed annually (for the December quarter) in a way that ensures a high proportion of common selections while allowing new employers to be represented in the sample. Refreshing the sample also allows the ABS to control the length of time that small businesses are included in the sample.

26 Between each annual refresh of the employer sample, a small number of employee jobs will be lost from the survey sample because of the closure of some businesses. In addition, some jobs in continuing businesses will be replaced in the sample because of restructuring and other job changes.

27 Annual leave and superannuation information is collected from the same job sample as that used to construct the wage price indexes. However, data are only collected annually as part of the June quarter LPI survey. Changes in the job sample due to factors such as the annual refreshing of the employer sample, together with the requirement of pricing the same jobs in successive years, reduces the number of matched jobs used to calculate the annual and public holiday leave index and the superannuation index compared with the matched jobs underlying the wage price indexes.

28 Information from administrative and other ABS data sources is used to construct the payroll tax and workers' compensation indexes, as well as the public holiday component of the annual and public holiday leave index.

WEIGHTING

29 In the LPI, as with other price indexes, expenditure weights are used to combine elementary aggregates into broader level indexes. These weights are derived from independent estimates of labour costs for each elementary aggregate. The estimates are sourced from the Major Labour Costs Survey, the Employee Earnings and Hours Survey and the Census of Population and Housing. The weights are updated for the December quarter each year to take account of changing employer expenditure patterns for labour among each segment of the labour market (elementary aggregates). They reflect changes in the distribution of the number of employee jobs among industries, states/territories and sectors, as well as changes in labour cost relativities. Appendix 1 shows the distribution of employers' expenditure on wages and salaries, as of December quarter 2008.

30 To facilitate comparison of index numbers over time, the published indexes are not re-referenced (i.e. reset to 100.0) each time this re-weighting occurs. Instead, the series based on the old expenditure weights and that based on the new weights are linked via an arithmetic calculation, which is referred to as chaining. This provides a continuous series from the commencement of the index, while incorporating the updated expenditure weights.

INTERPRETATION OF INDEX NUMBERS

31 Index numbers in this publication measure changes in the price of labour between the commencement of the series and a later period. Index number levels cannot be compared across states/territories as they do not provide comparative information on the relative levels of labour costs. Similarly, index number levels cannot be compared across sectors or industries. The usefulness of index numbers stems from the fact that index numbers for any two periods can be used to directly calculate the change or movement in the price of labour between the two periods. These *movements* can be compared across states/territories, sectors or industries.

EXPLANATORY NOTES *continued*

PERCENTAGE CHANGE AND ROUNDING

32 The published index numbers have been rounded to one decimal place, and the percentage changes (also rounded to one decimal place) are calculated from the rounded index numbers. In some cases, this can result in the percentage change for the total level of a group of indexes being outside the range of the percentage changes for the component level indexes. Seasonally adjusted and trend quarterly estimates are calculated from unrounded original indexes and then rounded to one decimal place.

INDEX MOVEMENTS

33 Movements in indexes from one period to another can be expressed either as changes in index points or as percentage changes. In this publication, percentage changes are calculated to illustrate three different kinds of movements in indexes:

- movements between consecutive quarters
- movements between corresponding quarters of consecutive years (i.e. changes 'through the year')
- movements between consecutive financial years.

34 The following example illustrates the method of calculating changes in index points and percentage changes between any two periods:

Total hourly rates of pay excluding bonuses, All Sectors, Australia

	Index numbers, trend (see table 1)
March quarter 2009	122.5
<i>less</i> March quarter 2008	117.6
Change in index points	4.9
Percentage change	$4.9/117.6 \times 100 = 4.2\%$

FINANCIAL YEAR INDEXES

35 Index numbers for financial years are calculated as simple (arithmetic) averages of the four quarterly index numbers for the financial year. As the wage price indexes were first produced for the September quarter 1997, the first financial year index number that can be calculated is for 1997–98. Consequently, the first percentage change between financial years that can be calculated is between 1997–98 and 1998–99. The following example illustrates the method of calculating the financial year index number for 2007–08:

Total hourly rates of pay excluding bonuses, Australia

	Index numbers original (see table 2)
September quarter 2007	115.4
<i>plus</i> December quarter 2007	116.5
<i>plus</i> March quarter 2008	117.6
<i>plus</i> June quarter 2008	118.7
Financial year 2007–08	$468.2/4 = 117.1$

36 Percentage changes between the index numbers for any two financial years can be calculated using the method outlined in paragraph 34 above.

SEASONALLY ADJUSTED INDEXES

37 Seasonally adjusted estimates are derived by estimating and removing systematic calendar related effects from the original series. In most economic data these calendar related effects are a combination of the classical seasonal influences (e.g. the effect of the weather, social traditions or administrative practices) plus other kinds of calendar related variation, such as trading day, Easter or the proximity of significant days in the year (e.g. Christmas). In the seasonal adjustment process, both seasonal and other calendar related factors evolve over time to reflect changes in activity patterns. The seasonally adjusted estimates still reflect the sampling and non-sampling errors to which the original estimates are subject.

38 The *total hourly rates of pay excluding bonuses index* is the only index of the LPI that is seasonally adjusted. Institutional effects largely drive the seasonality of this index. Important factors in determining this seasonality are the timing of effect of agreements, the length of these agreements, and the timing of significant wage hearings that impact

EXPLANATORY NOTES *continued*

SEASONALLY ADJUSTED INDEXES *continued*

on rates of pay. A significant institutional change in wage setting arrangements can affect the relative level (or trend) and seasonality of the index.

39 Prior to 2006, the Australian Industrial Relations Commission (AIRC) handed down annual Safety Net Review (SNR) decisions which set federal full-time minimum award rates. Since the commencement of the WPI, the SNR contributed to the relative level of the wage price index. Most of its impact on the wage price index was in the September and December quarters each year. This impact contributed to the level of seasonality for those quarters. As a result of industrial relations changes associated with WorkChoices, the AIRC ceased its annual SNR decisions and the setting of federal minimum wage rates became the responsibility of the Australian Fair Pay Commission (AFPC). There was therefore no SNR decision in 2006.

40 The AFPC's first decision was handed down on 26 October 2006 with a date of effect of 1 December 2006. The impact on the wage price index of the first AFPC ruling was mainly in the March quarter of 2007. This has resulted in changes in the size and timing of wage increases reported. These changes have impacted on the seasonality of the wage price index.

41 To account for this, the ABS has applied both a trend and a seasonal break in compiling the seasonally adjusted estimates for the September quarter 2006.

42 It will take some time before the seasonality of the new wage setting mechanisms can be determined. Seasonally adjusted estimates may be revised more than is usual as additional observations become available.

CONCURRENT SEASONAL ANALYSIS

43 The LPI uses a concurrent seasonal adjustment methodology to derive the adjustment factors. This method uses the original time series available at each reference period to estimate seasonal factors for the current and previous quarters. Concurrent seasonal adjustment is technically superior to the more traditional method of reanalysing seasonal patterns once each year because it uses all available data to fine tune the estimates of the seasonal component each quarter. With concurrent analysis, the seasonally adjusted series are subject to revision each quarter as the estimates of the seasonal factors are improved. In most instances, the only noticeable revisions will be to the combined adjustment factors for the previous quarter and for the same quarter in the preceding year as the reference quarter (i.e. if the latest quarter is Q_t then the most significant revisions will be to Q_{t-1} and Q_{t-4}).

ARIMA MODELLING

44 More recently, the ABS has implemented improved methods of producing seasonally adjusted estimates, focused on the application of Autoregressive Integrated Moving Averages (ARIMA) modelling techniques. ARIMA modelling is a technique that can be used to extend original estimates beyond the end of a time series. The extended values are temporary, intermediate values, that are used internally to improve seasonal adjustment. They do not affect the original estimates and are discarded at the end of the seasonal adjustment process. The use of ARIMA modelling generally results in a reduction in revisions to the seasonally adjusted estimates when subsequent data becomes available. ARIMA modelling in the LPI was introduced in June quarter 2008. For more information on the details of ARIMA modelling see the feature article 'Use of ARIMA modelling to reduce revisions' in the October 2004 issue of *Australian Economic Indicators* (cat. no. 1350.0).

TREND ESTIMATES

45 Trend is a measure of the underlying direction of a series. The ABS trend estimates for the wage price index are derived by applying a 7-term Henderson-weighted moving average to all quarters of the respective seasonally adjusted indexes except the first three and last three quarters. Trend estimates are created for these quarters by applying surrogates of the 7-term Henderson weighted moving average to the seasonally adjusted indexes, tailored to each time series. In general, trend estimates give a better indication

EXPLANATORY NOTES *continued*

TREND ESTIMATES *continued*

of underlying behaviour than the seasonally adjusted estimates. Please refer to the ABS Information Paper, *A Guide to Interpreting Time Series - Monitoring Trends* (cat. no. 1349.0).

46 The ABS has undertaken an assessment of the SNR contribution to the relative level (or trend) of the wage price index. Over the life of the wage price index, the SNR has had a cumulative contribution to the level of the index. This cumulative contribution terminated after June 2006. As a result, there has been a break in the WPI trend series. Updated trend estimates were not produced in the September quarter 2006 to March quarter 2008 editions of the Labour Price Index, Australia due to insufficient data, however the series has now been reinstated.

REFERENCE BASE PERIOD

47 The reference base period of an index series is that period for which the value of the index is set to 100.0. It is most commonly a year but can also be a different length of time, ranging from two or three years down to a single quarter. It often coincides with the weighting base for the series, but this is not essential. The September quarter 1997 was used as the original reference base for the wage price indexes as it was the first quarter for which data was available. With the introduction of the non-wage indexes, the reference base was changed to 2003–04.

48 With the implementation of the Australian and New Zealand Standard Industrial Classification 2006, all indexes are presented on a reference base of 2008–09. An explanation of the re-referencing process is included in Appendix 2.

REVISIONS TO INDEXES

49 Original index numbers will be released as final figures at the time they are first published. Revisions will only occur in exceptional circumstances. Trend and seasonally adjusted indexes for some quarters will be revised as extra quarters are included in the series analysed for seasonal influences (see paragraphs 37 to 46).

RELATED PUBLICATIONS

50 Users may also wish to refer to the following publications which are available free on the ABS website <<http://www.abs.gov.au>>:

Labour Price Index: Concepts, Sources and Methods, (cat. no. 6351.0.55.001)

Information Paper: Update on ANZSIC 2006 Implementation for Labour Price Index, Australia, 2009, (cat. no. 6345.0.55.001)

Consumer Price Index, Australia, (cat. no. 6401.0)

House Price Indexes, Eight Capital Cities, (cat. no. 6416.0)

International Trade Price Indexes, Australia, (cat. no. 6457.0)

Producer Price Indexes, Australia, (cat. no. 6427.0)

Australian Consumer Price Index: Concepts, Sources and Methods, (cat. no. 6461.0)

Producer and International Trade Price Indexes: Concepts, Sources and Methods, (cat no. 6429.0)

Australian Labour Market Statistics, (cat. no. 6105.0)

51 Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from any ABS office or the ABS web site. The ABS also publishes *Future releases* on the web site which details products to be released in the week ahead.

ABS DATA AVAILABLE ON REQUEST

52 As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to David Taylor on Perth (08) 9360 5151 or the National Information and Referral Service on 1300 135 070.

APPENDIX 1 DISTRIBUTION OF EXPENDITURE ON WAGES

AS UPDATED DECEMBER
QUARTER 2008

A1 DISTRIBUTION OF EMPLOYERS' TOTAL EXPENDITURE ON WAGES AND SALARIES (a)(b)

	Private	Public	All sectors
	%	%	%
Australia by sector			
Australia	—	—	—
Sector by State/Territory			
New South Wales	—	—	—
Victoria	—	—	—
Queensland	—	—	—
South Australia	—	—	—
Western Australia	—	—	—
Tasmania	—	—	—
Northern Territory	—	—	—
Australian Capital Territory	—	—	—
Australia	—	—	—
Sector by broad industry group(c)			
Mining	—	(d)	—
Manufacturing	—	(d)	—
Electricity, gas, water and waste services	—	—	—
Construction	—	(d)	—
Wholesale trade	—	(d)	—
Retail trade	—	(d)	—
Accommodation and food services	—	(d)	—
Transport, postal and warehousing	—	(d)	—
Information media and telecommunications	—	(d)	—
Financial and insurance services	—	(d)	—
Rental, hiring and real estate services	—	(d)	—
Professional, scientific and technical services	—	—	—
Administrative and support services	—	(d)	—
Public administration and safety	—	—	—
Education and training	—	—	—
Health care and social assistance	—	—	—
Arts and recreation services	—	(d)	—
Other services	—	(d)	—
All industries	—	—	—

— nil or rounded to zero (including null cells)

(a) See paragraphs 29–30 of the Explanatory Notes.

(b) Components may not sum to 100.0 due to rounding.

(c) Classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 (cat. no. 1292.0)

(d) These industries are included in the 'All Industries' total.

APPENDIX 2 RE-REFERENCING THE WAGE PRICE INDEX

REFERENCE BASE

The reference base of an index series is that period for which the value of the index is set to 100.0. With the introduction of the 2006 edition of ANZSIC, all indexes are now presented on a reference base of 2008–09. Since the September quarter 2004, the LPI has used a reference base of 2003–04 = 100.0. Prior to this time the reference base for the wage price indexes was September quarter 1997. This was the first quarter for which data was available.

CONVERTING A SERIES TO THE NEW REFERENCE BASE

The conversion of series from the old base to the new base involves a rescaling of the index numbers. The conversion factor that should be applied to the index numbers is calculated by obtaining the ratio of the index numbers on the old and new bases for the new reference period.

The conversion factor is calculated using the *unrounded* index number for the 2008–09 financial year. The calculation of financial year indexes is outlined in paragraph 35 of the Explanatory Notes.

For example, for the *total hourly rates of pay excluding bonuses index* for Australia, an arithmetic conversion factor is obtained as follows:

Index number for financial year 2008–09 (on base 2003–04 = 100.0) is x

Index number for financial year 2008–09 (on base 2008–09 = 100.0) is 100.0

Conversion factor = $100/x$

The factor may be multiplied by any *total hourly rates of pay excluding bonuses index* number for Australia on the old reference base to give the corresponding number on the new reference base. The procedure shown in the above example may be followed in respect of any specific index series for which index numbers have been published on the old reference base, with the exception of industry index series. It is not appropriate to convert the industry series on the 2003–04 reference base to the 2008–09 reference base using this method as the industry divisions are not directly comparable as they are based on two different industry classifications.

ROUNDING

Index numbers and percentage changes are always published to one decimal place, with the percentage changes being calculated from the rounded index numbers. Index numbers for periods longer than a single quarter (e.g. for financial years) are calculated as the simple arithmetic average of the relevant rounded quarterly index numbers. The conversion factor described above is applied to the rounded index numbers.

A consequence of re-referencing price indexes can be that period to period percentage changes calculated using re-referenced index number series may differ slightly from those calculated using the original series. These differences do not constitute a revision of the index but simply reflect the effect of rounding.

CONVERTING THE RE-REFERENCED SERIES BACK TO THE PREVIOUS BASE

The conversion of series from the new base to the old base also involves a rescaling of the index numbers. The rescaling factor is obtained by taking the inverse of the previously described scaling factor.

For example, for the *total hourly rates of pay excluding bonuses index* for Australia, the rescaling factor is obtained as follows:

Index number for financial year 2008–09 (on base 2003–04 = 100.0) is x

Index number for financial year 2008–09 (on base 2008–09 = 100.0) is 100.0

Conversion factor = $x/100$

The factor may be multiplied by any *total hourly rates of pay excluding bonuses index* number for Australia on the new reference base to give the corresponding number on the old reference base. As mentioned above, the industry price index series should not be converted due to the use of two industry classifications which means the industry divisions are not equivalent.

APPENDIX 2 RE-REFERENCING THE WAGE PRICE INDEX *continued*

CONVERTING THE
RE-REFERENCED SERIES
BACK TO THE PREVIOUS
BASE *continued*

Conversion factors for most of the published *total hourly rates of pay excluding bonuses indexes* are provided in table A2. Additional factors can be obtained using the formulas above or by contacting David Taylor on Perth (08) 9360 5151.

Sample

APPENDIX 2 RE-REFERENCING THE WAGE PRICE INDEX *continued*

CONVERSION FACTORS

A2 FACTORS USED TO CONVERT INDEX NUMBERS, from old reference base (2003–04 financial year = 100.0) —to new reference base (2008–09 financial year = 100.0)

	Private	Public	All sectors
Australia	—	—	—
Sector by State/Territory			
New South Wales	—	—	—
Victoria	—	—	—
Queensland	—	—	—
South Australia	—	—	—
Western Australia	—	—	—
Tasmania	—	—	—
Northern Territory	—	—	—
Australian Capital Territory	—	—	—
Sector by industry(a)			
Mining	—	..	—
Manufacturing	—	..	—
Electricity, gas, water and waste services	—	..	—
Construction	—	..	—
Wholesale trade	—	..	—
Retail trade	—	..	—
Accommodation and food services	—	..	—
Transport, postal and warehousing	—	..	—
Information media and telecommunications	—	..	—
Financial and insurance services	—	..	—
Rental, hiring and real estate services	—	..	—
Professional, scientific and technical services	—	..	—
Administrative and support services	—	..	—
Public administration and safety	—	..	—
Education and training	—	..	—
Health care and social assistance	—	..	—
Arts and recreation services	—	..	—
Other services	—	..	—

.. not applicable

— nil or rounded to zero (including null cells)

(a) Classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC) 2006 (cat. no. 1292.0)

GLOSSARY

Annual and public holiday leave index	Measures changes in the price of annual and public holiday leave (see Explanatory Notes paragraph 16).
Bonuses	Payments made to a job occupant that are in addition to regular wages and salaries and which generally relate to the job occupant's, or the organisation's, performance. In the LPI, the term 'bonuses' refers to bonuses and commissions.
Elementary aggregates	The finest aggregations of jobs, in terms of state/territory, sector and industry group, for which expenditure weights are available.
Employee job	A job for which the occupant receives remuneration in wages, salary, payment in kind, or piece rates.
Employer	Organisation with one or more employees.
Expenditure weights	A measure of the relative importance of each elementary aggregate, based on employers' total expenditure on the LPI component being considered (e.g. wages and salaries, superannuation, etc.). Expenditure weights are used to combine elementary aggregate indexes into broader level indexes.
Index number	Measures the ratio of the price of labour between the commencement of the index series and a later period.
Industry	Classified according to the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006</i> (cat. no. 1292.0).
Labour price index	Measures changes in the price of labour. Includes wages and salaries, overtime, bonuses (only in the labour price including bonuses index), annual and public holiday leave, superannuation, payroll tax and workers' compensation (see Explanatory Notes paragraph 20).
Ordinary time hourly rates of pay index	Measures quarterly change in ordinary time hourly rates of pay (see Explanatory Notes paragraphs 10 and 11).
Ordinary time hours	Award, standard or agreed hours of work paid for at the ordinary rate.
Overtime hours	The number of hours paid for in excess of ordinary time hours.
Payroll tax index	Measures changes in the price of payroll tax (see Explanatory Notes paragraph 18).
Reference base period	The period for which an index series is given the value of 100.0. The current reference base for the LPI is the 2008–09 financial year.
Reference date	The reference date for this survey is the last pay period ending on or before the third Friday of the middle month of the quarter, except for bonuses which are collected in respect to those paid during the three month period ending on the third Friday of the middle month of the quarter.
Sector	Public sector comprises local government authorities and all government departments and agencies created by, or reporting to, the Commonwealth, or state/territory parliaments. The private sector comprises all organisations not classified as public sector.
Seasonal adjustment	Process of removing systematic calendar related effects from the original series (see Explanatory Notes paragraphs 37–44, 49).
Superannuation index	Measures changes in the price of superannuation (see Explanatory Notes paragraph 17).
Total hourly rates of pay index	Measures quarterly change in combined ordinary time and overtime hourly rates of pay (see Explanatory Notes paragraph 13).
Trend	A measure of the underlying direction of a series (see Explanatory Notes paragraphs 45–46, 49).
Wage price index	Measures changes in the price of wages.
Weighting base	The period to which the expenditure weights relate.

GLOSSARY *continued*

Workers' compensation index Measures changes in the price of workers' compensation (see Explanatory Notes paragraphs 18 and 19).

Sample

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