## Health expenditure data cubes

## About the data

1. The term 'current prices' refers to expenditure reported for a particular year, unadjusted for inflation. Constant price expenditure on the other hand, adjusts for the effects of inflation. All constant price estimates indicate what expenditure would have been had the latest available year's prices applied in all years.

2. Changes to the calculation of GDP have meant that deflators and therefore time-series for National health expenditure are only available back to 1985–86. Previously, data has been available back to 1960–61. There is a break in time series between 2002–03 and 2003–04. Up to 2002–03, patient transport, dental, community health and public health services that were delivered in public hospitals were included as expenditure on public hospitals. From 2003–04, they are included under their own classifications and are not included in expenditure on public hospital services. Therefore, care must be taken when comparing 2002–03 and earlier years with 2003–04 and later years.

3. National estimates should not be derived using the state and territory health expenditure data cube, as the sum of the individual state and territory estimates may not be equal to the national estimate due to rounding issues. The national health expenditure data cube should always be used to derive national estimates of health expenditure.

## How to use the data cubes

### 1. Select National health expenditure data cubes.

This screen will appear:

	*
A Table of Contents	Options -
Section1	•
Section Data (6)	Options -
X Section Data 🤯	opcions +
HEA national cube - 85to	o14
Area of expenditu	re
Source of funds	
🖣 Year	
🛷 Amount in constan	t prices
🗼 Amount in current	prices (
Amount per perso	n in cons
Amount per perso	n in curr
Percentage of GDF	<b>)</b>
•	•

National health expenditure data cubes, 1985-86 to 2013-14

Applied filters: None

	Amount in current prices (\$ million)	Amount in constant prices (\$ million)	Amount per person in current prices (\$)	Amount per person in constant prices (\$)	Percentage of GDP
Year					
1985-86	17,041	41,715	1,072	2,624	6.55
1986-87	19,346	43,696	1,199	2,707	6.77
1987-88	21,390	45,579	1,305	2,780	6.60
1988-89	24,000	48,527	1,438	2,908	6.53
1989-90	26,570	50,281	1,569	2,969	6.58
1990-91	28,738	51,286	1,674	2,987	6.93
1991-92	30,505	52,455	1,755	3,018	7.21
1992-93	32,450	55,440	1,848	3,158	7.31
1993-94	34,322	57,578	1,937	3,250	7.35
1994-95	36,473	59,793	2,039	3,342	7.36
1995-96	39,047	62,726	2,155	3,462	7.38
1996-97	42,116	66,370	2,298	3,621	7.57
1997-98	44,802	69,440	2,421	3,752	7.61
1998-99	48,428	73,204	2,589	3,914	7.81
1999-00	52,570	76,859	2,779	4,063	7.96
2000-01	58,318	82,605	3,047	4,316	8.27
2001-02	63,099	86,907	3,255	4,483	8.37
2002-03	68,798	91,956	3,510	4,691	8.59
2003-04	73,509	94,932	3,708	4,789	8.53
2004-05	81,061	101,014	4,044	5,040	8.79
2005-06	86,685	103,614	4,268	5,102	8.69
2006-07	94,938	109,795	4,603	5,323	8.73
2007-08	103,563	117,048	4,928	5,570	8.79
2008-09	114,401	125,705	5,328	5,854	9.09
2009-10	121,710	130,582	5,567	5,973	9.39
2010-11	131,612	139,826	5,937	6,307	9.35
2011-12	141,957	148,304	6,304	6,586	9.54
2012-13	146,953	149,986	6,412	6,545	9.66
2013-14	154,622	154,622	6,638	6.638	9.77

Source: AIHW health expenditure database

# 2. Data cubes can be broken down by area of expenditure and/or source of funds.

There are two ways to do this:

<u>Method (1)</u>: Drag the icons named 'Area of expenditure'/'Source of funds' from the Table of Contents into the table. Hover over table until arrow appears then drop into table.

NB: Arrow pointing right creates columns; arrow pointing down creates rows.

ion1	Applied f	ilters: Non	e			
ection Data 🤣 Options 🗸 national cube - 85to14 Area of ex Area of expenditure Source of funds	penditure	Amount in current prices (\$ million)	Amount in constant prices (\$ million)	Amount per person in current prices (\$)	Amount per person in constant prices (\$)	Percentage of GDP
Vear	Year					
	1985-86	17,041	41,715	1,072	2,624	6.55
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	2011-12	141,957	148,304	6,304	6,586	9.54
	2012-13	146,953	149,986	6,412	6,545	9.66
	2013-14	154.622	154,622	6.638	6,638	9.77

<u>Method (2)</u>: Right-click on any cell within the table.

This menu will appear on the screen:

	Assign Data
	Total
	Percent of Total
7	Filter and Rank
	Conditional Highlighting
G	Export Table
	Rotate Table
	Find
	Deta Cauna Detaila
	Data Source Details
	Properties

Select the Assign Data ... sub-menu. This menu will appear on the screen:

🧉 Assign Data - Windows Internet Explorer 🛛 🗖 🖾
Data items: Move Items -
Columns  Columns  Amount in current prices (S million)  Amount per person in current prices (S)  Amount per person in constant prices (S)  Percentage of GDP  Rows  Year  Area of expenditure  Source of funds
OK Cancel <u>H</u> elp

To build table with the 'Area of expenditure'/'Source of funds' breakdown, drag and drop these icons from the 'Hidden' sub-heading to either the 'Columns' or 'Rows' sub-headings (depending on your preference for the design of the table). Then click 'OK'.

🥔 Assign Data - Windows Internet Explorer 🛛 🗖 💌
Data items: Move Items
Columns
Amount in current prices (\$ million)
Amount in constant prices (\$ million)
Amount per person in current prices (\$)
Amount per person in constant prices (\$)
Percentage of GDP Area of expenditure
Rows
Sear Sear
K□ Hidden
Source of funds
Area of expenditure
· · · · · · · · · · · · · · · · · · ·
OK Cancel <u>H</u> elp

#### 3. Options to customise and exporting the table

Right-click on any cell within the table. This menu will appear on the screen:



#### Selecting 'Total...' sub-menu:



Selecting 'Filter and Rank...' sub-menu:

• Can filter the data by categories

Category Filters	Measure Filter or Rank	
Categories:	Туре:	
Area of expenditure Source of funds	<ul> <li>No filter (show</li> <li>Filter</li> </ul>	all values)
	-	
		OK Cancel <u>H</u> elp

• Can filter the data by values and ranking

Category Filter	rs Measure Filter or Rank		
No filter or ra	nk (show all values)		
Filter			
🖯 Rank			
Show values of:	(rows)		
That meet this cr	riterion:		
Measure:	Amount in current prices (\$ million)	-	
Operator:	Is greater than	-	
	Leonal		
Value: A column-based f	40000  filter will be removed if the list of items o	n the columns is modified.	
Value: A column-based f	j40000	n the columns is modified.	

Selecting 'Conditional Highlighting...' sub-menu:

Highlights values in tables based on a particular condition

Conditional Highlighting - Windows	Internet Explorer	
Rules list: Amount in constant prices (\$ mi	llion) Greater than or equal to 4	New Edit Delete
Applied To		
Preview	[example]	
		OK Cancel <u>H</u> el

Selecting 'Export table...' sub-menu:

Rows:	
All rows	
C Rows	
From:	То:
Formatted data	Repeat row labels if expanded
Export to:	Excel
Export to:	Excel Word
Export to: Save as:	Excel Word Tab separated values (.tsv) file
Export to: Save as:	Excel Word Tab separated values (.tsv) file Comma separated values (.csv) file

Selecting the 'Find...' sub-menu:

• Finds particular values in the tables subject to given conditions

Find:	Members on rows	
	Members on columns	
	Cell values by row	
	Cell values by column	
Condition:	Equal to -	]
Value:		
Direction:	Forward O Backward	
	Find Neutrol Chara	

Hame.	HEA national cube		
Type:	Multidimensional		
Description:	HEA national data cube post 1985		
Applied filters:			
Area of expenditure Direc	ct expenditure.Recurrent ex	penditure.Hospitals.Public hospital service	-
Direct expenditure.Recu	rrent expenditure.Hospitals.F	Private hospitals, Direct	(#U
expenditure.Recurrent e	xpenditure.Primary health ca	are.Unreferred medical services, Direct	Ŧ
<	iii, iii	• • • • • • • • • • • • • • • • • • • •	
Data item:	Physical name:	Description/expression:	
Amount in current	Amount in current	OLAP measure	*
prices (S million)	prices (S million)	dccurrentamount_milSUM	
	Amount in constant	OLAP measure	E
Amount in constant		deconstantamount milCLIM	
Amount in constant prices (S mil <mark>l</mark> ion)	prices (S million)	acconstantaniount_inicom	- 200
Amount in constant prices (S million) Amount per person in	prices (S million) Amount per person in	OLAP measure currentperpersonSUM	
Amount in constant prices (S million) Amount per person in current prices (S)	prices (S million) Amount per person in current prices (S)	OLAP measure currentperpersonSUM	
Amount in constant prices (S million) Amount per person in current prices (S) Amount per person in	prices (S million) Amount per person in current prices (S) Amount per person in	OLAP measure currentperpersonSUM OLAP measure constantperpersonSUM	
Amount in constant prices (S million) Amount per person in current prices (S) Amount per person in	prices (S million) Amount per person in current prices (S) Amount per person in	OLAP measure constantperpersonSUM	-
Amount in constant prices (S million) Amount per person in current prices (S) Amount per person in	prices (S million) Amount per person in current prices (S) Amount per person in constant prices (S) III	OLAP measure currentperpersonSUM OLAP measure constantperpersonSUM	-

Selecting the 'Data Source Details' sub-menu:

Selecting the 'Properties' sub-menu:

• Properties for titles given to the table.

Title			
Text: JINational nealth expenditur	e, constant prices, 2002	-03 to 2013-14	
Arial			
	Sample text		
Table size			
Columns:			
Show all columns (up to syste	m limit)		
Limit the number of columns	displayed at once:	12	
Rows:			
Show all rows (up to system li	mit)		
Limit the number of rows disp	layed at once:	40	
order:			
Add row numbers			
Apply formatting to existing table	s in the section		

Headings			
Arial	▼  8 _		
	Sample text	Background fill:	
			-
Cells			
Arial	▼  8 _		
Sample text		Background fill:	•
Apply formatting t	to existing tables in the se	ection	

• Properties for the text within the table e.g. column headings, subheadings and cells

Totals		
Arial	▼  8 ▼ <b>B</b> <i>I</i>	1
Sample text	Background fill:	1
Subtotals		
Arial	▼ 8 ▼ <b>B</b> <i>I</i>	
Sample text	Background fill:	1

• Properties for the text in the 'Totals' columns (if 'Totals' column were added)