

# WEEKLY PETROL PRICES REPORT

*Week Ending 10 January 2010*

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Please find attached a copy of the latest AIP Weekly Petrol Prices Report.

All data, charts and tables in this Report are based on the latest available market data to Sunday, 10 January 2010.

For more detailed information on:

**Pricing Facts** – see [www.aip.com.au/pricing/facts.htm](http://www.aip.com.au/pricing/facts.htm)

**Terminal Gate Prices  
(wholesale)** – see [www.aip.com.au/pricing/tgp.htm](http://www.aip.com.au/pricing/tgp.htm)

**Pump Prices  
(retail)** – see [www.aip.com.au/pricing/retail.htm](http://www.aip.com.au/pricing/retail.htm)

**International Fuel Prices** – see [www.aip.com.au/pricing/international.htm](http://www.aip.com.au/pricing/international.htm)

Should you have any questions about the material in this report, please contact AIP at [petrolprices@aip.com.au](mailto:petrolprices@aip.com.au).

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# THE AUSTRALIAN FUEL MARKET - AN OVERALL SNAPSHOT

## Understanding Movements in Key Petrol Price Indicators

The Chart below provides an overall 'snapshot' of movements in key market indicators relevant to the price of petrol at the pump in Australia.

The Australian refining sector is a price taker. Domestic prices are closely linked to relevant international prices. The Singapore benchmark price of petrol (MOPS95 Petrol) is the key price benchmark for petrol in Australia. As the chart below shows, MOPS95 Petrol plus shipping costs and Australian taxes represents almost the entire wholesale price of petrol (around 95%).

The orange shaded area is simply the difference between two key market indicators – the national average Terminal Gate Price (TGP) and MOPS95 Petrol plus shipping and taxes. It does not represent profits accruing to oil companies at the wholesale level. A range of costs (including 'landed costs' and 'wholesaling costs') would need to be deducted to determine actual profits at the wholesale level.

These 'landed costs' include the costs of:

- ⇒ the quality premium (market cost) for Australian fuel standards
- ⇒ insurance and loss
- ⇒ local wharfage costs

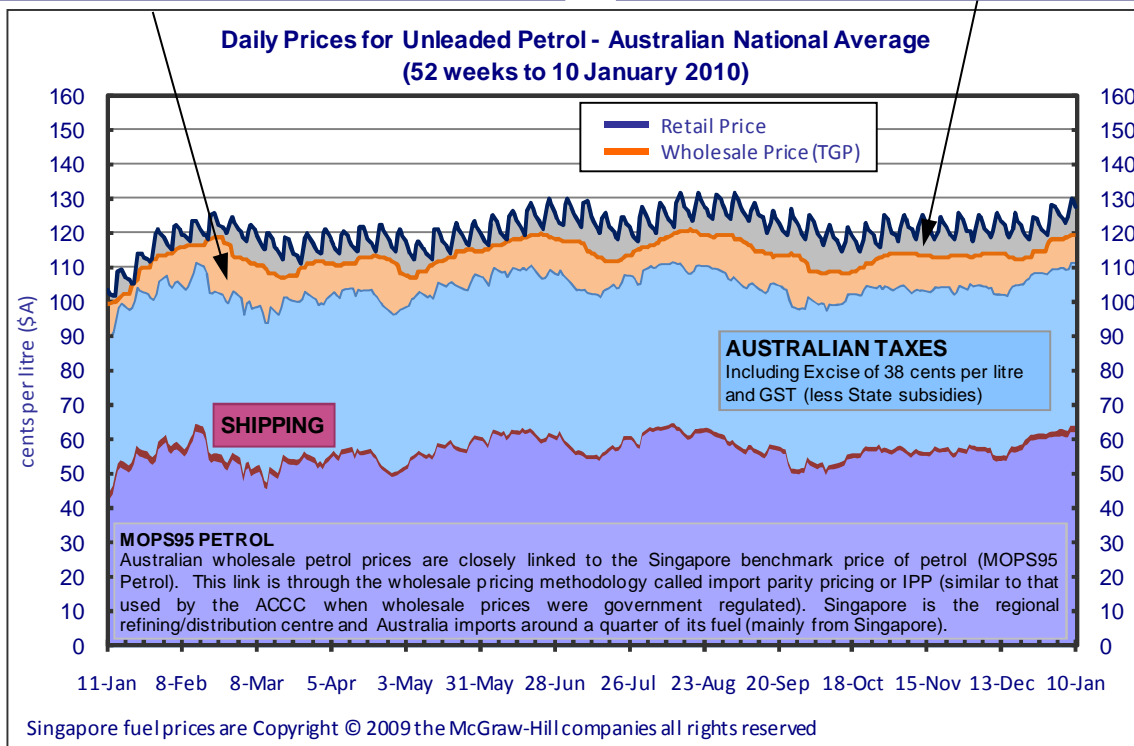
The standard 'wholesaling costs' include:

- ⇒ terminal operating costs
- ⇒ administration and wholesale marketing costs
- ⇒ corporate taxes and government charges on wholesaling activities

The grey shaded area is simply the difference between two key market prices relevant to the retail market. That is, the difference between the national average pump price and average TGP. It does not represent profits accruing to retailers or oil companies. A range of standard retailing costs would need to be deducted to determine actual profits at the retail level.

These 'retailing costs' include:

- ⇒ land transport costs (of getting fuel from the terminal gate to the petrol bowser)
- ⇒ administration and retail marketing costs
- ⇒ the costs of running service stations like wages, rent and utilities
- ⇒ corporate taxes and other government charges on retailing activities



### PROFITS OF OIL COMPANIES

Once all wholesaling and retailing costs are considered, together with competitive market pressures, the total profit made across wholesale and retail activities is a very small proportion of the final pump price. Average oil company profit over the last 10 years is around 1.2 cents per litre of fuel sold.

### NOTES

(1) **MOPS95 Petrol:** the international petrol prices are provided by Platts (Copyright © 2009 The McGraw-Hill Companies, all rights reserved), and represent the end of day assessment for the mean of Singapore prices for 95 Octane Petrol (MOPS95 Petrol). No portion of the publication may be photocopied, reproduced, retransmitted, put into a computer system or otherwise redistributed, without prior written Authorisation from Platts. Platts is a trademark of the McGraw-Hill Inc. Information has been obtained from sources believed reliable. However, because of the possibility of human or mechanical errors by sources, McGraw-Hill or others, McGraw-Hill does not guarantee the accuracy, adequacy or completeness of any such information and is not responsible for any errors or omissions or for results obtained from use of such information.

(2) **SHIPPING:** is the weighted average of daily market shipping rates (Australian cents per litre) for journeys from Singapore to major Australian ports (weighted by the volume of fuel sales in the relevant State). Source data include Platts, Worldscale, Australian Petroleum Statistics and the Reserve Bank of Australia.

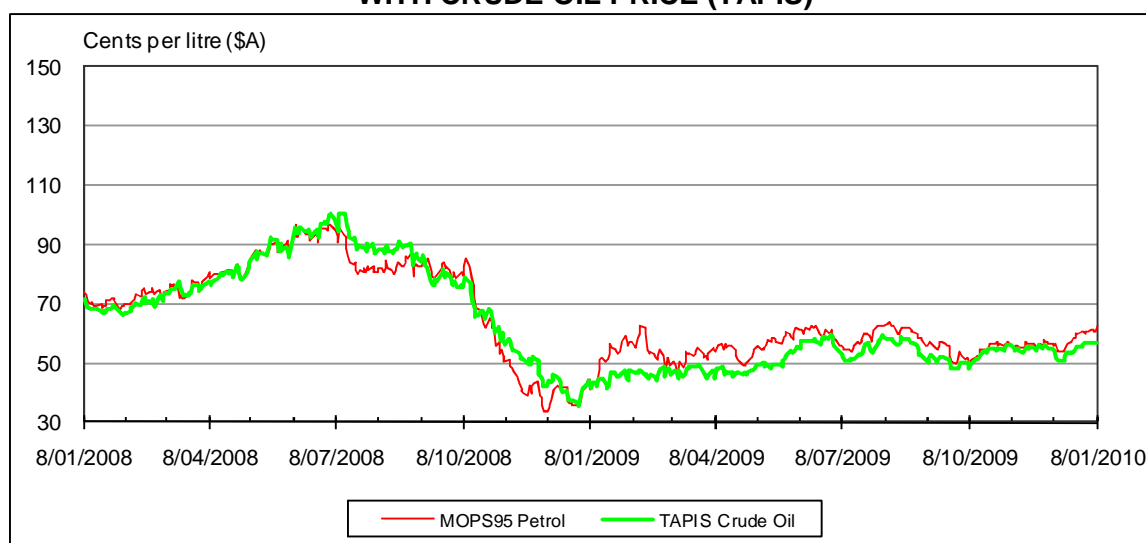
(3) **TAXES:** is excise and GST less any relevant state rebates weighted by the volume of petrol consumed in each State.

(4) **NATIONAL AVERAGE WHOLESALE PRICES:** are derived from capital city prices weighted by fuel volume consumed in each State.

(5) **NATIONAL AVERAGE RETAIL PRICES:** are calculated as the weighted average of each State/Territory's metropolitan and non metropolitan retail petrol prices, with the weights based on the number of registered petrol vehicles in each of these regions.

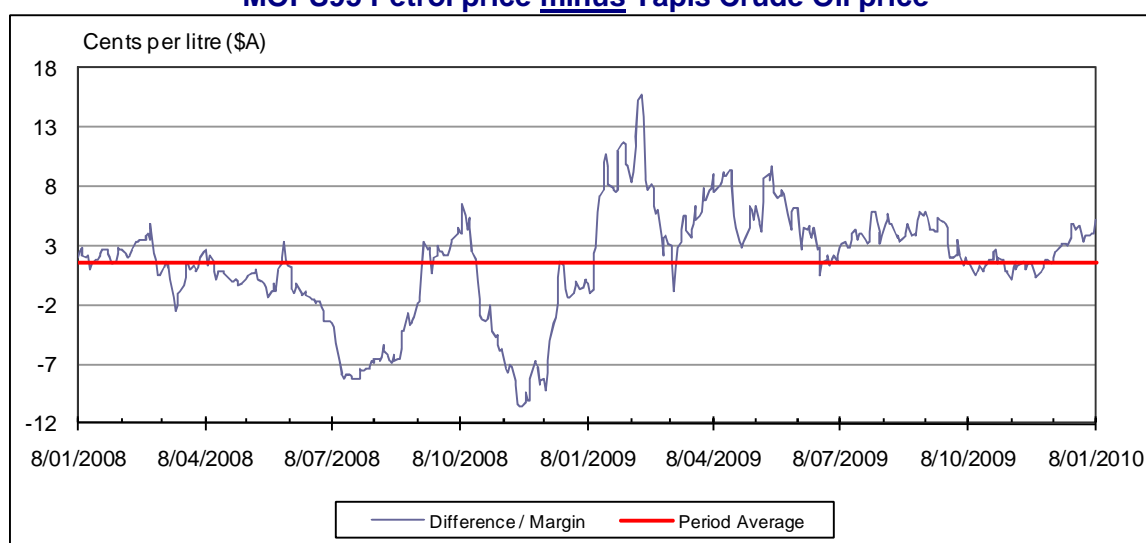
## INTERNATIONAL MARKET TRENDS

**FIGURE 1: COMPARISON OF SINGAPORE PETROL PRICE (MOPS95 PETROL) WITH CRUDE OIL PRICE (TAPIS)**



**NOTE:** Australia is part of the Asia Pacific fuel market (Singapore is the regional refining/distribution centre) and the relevant market benchmark is Tapis for crude oil and Singapore petrol prices for unleaded petrol (MOPS95 Petrol). Tapis crude oil and MOPS95 Petrol prices are provided by Platts (McGraw-Hill Inc), see Notes on page 2.

**FIGURE 2: DIFFERENCE BETWEEN MARKET PRICES  
MOPS95 Petrol price minus Tapis Crude Oil price**



**NOTE:** The refiner margin above is the difference between market prices for MOPS95 Petrol and Tapis. It is not a figure determined by refiners.

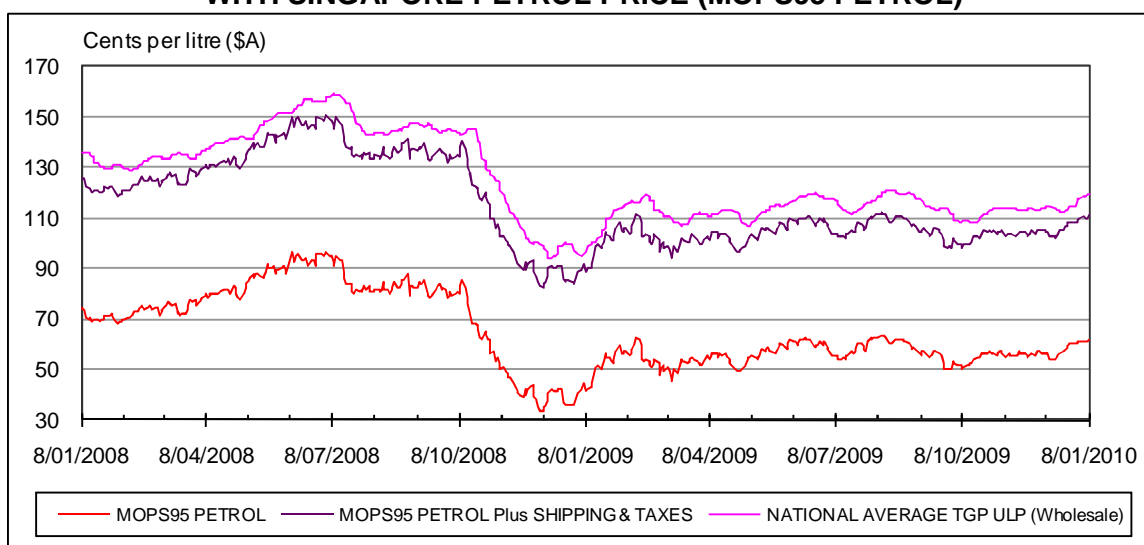
TAPIS CRUDE OIL	Cents per litre (A\$)	MOPS95 PETROL	Cents per litre (A\$)
Average: Last Week (to Friday 08/01/10)	57.0	Average: Last Week (to Friday 08/01/10)	61.2
Average: Previous Week (to Friday 01/01/10)	56.4	Average: Previous Week (to Friday 01/01/10)	60.3
Average: Last 4 Weeks	54.8	Average: Last 4 Weeks	58.7
Average: Last 12 Weeks	54.6	Average: Last 12 Weeks	56.9
Average: Last 12 Months	51.5	Average: Last 12 Months	56.0

### **PLEASE NOTE**

Differences/margins between market prices or benchmarks are used as indicators of general trends in the petroleum market, **they do not represent profits** accruing to oil companies at the refining, wholesale or retail segments of the market. For each market segment, a range of costs would need to be deducted to determine actual profits.

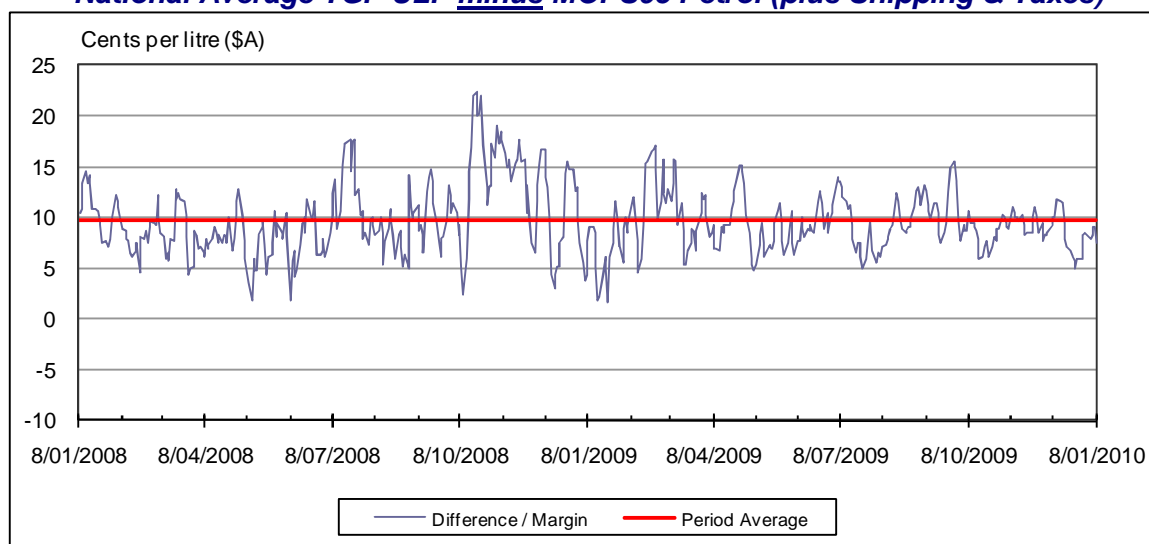
## AUSTRALIAN WHOLESALE MARKET TRENDS

**FIGURE 3: COMPARISON OF AUSTRALIAN TGP ULP (OR 'WHOLESALE PRICE') WITH SINGAPORE PETROL PRICE (MOPS95 PETROL)**



**NOTE:** The MOPS95 Petrol prices and Shipping rates are provided by Platts (McGraw-Hill Inc), see Notes on page 2.

**FIGURE 4: DIFFERENCE BETWEEN MARKET PRICES  
National Average TGP ULP minus MOPS95 Petrol (plus Shipping & Taxes)**



MOPS95 PETROL	Cents per litre (A\$)	TGP ULP (National Average)	Cents per litre (A\$)
Average: Last Week (to Friday 08/01/10)	61.2	Average: Last Week (to Friday 08/01/10)	118.7
Average: Previous Week (to Friday 01/01/10)	60.3	Average: Previous Week (to Friday 01/01/10)	116.3
Average: Last 4 Weeks	58.7	Average: Last 4 Weeks	115.3
Average: Last 12 Weeks	56.9	Average: Last 12 Weeks	113.8
Average: Last 12 Months	56.0	Average: Last 12 Months	113.5

**PLEASE NOTE**

Differences/margins between market prices or benchmarks are used as indicators of general trends in the petroleum market, **they do not represent profits** accruing to oil companies at the refining, wholesale or retail segments of the market. For each market segment, a range of costs would need to be deducted to determine actual profits. For example, **at the wholesale level**, a range of costs (including 'landed costs' and 'wholesaling costs') would need to be deducted to determine actual profits at the wholesale level. These 'landed costs' include the costs of the quality premium (market cost) for Australian fuel standards, insurance and loss, and local wharfage costs. The standard 'wholesaling costs' include terminal operating costs, administration and wholesale marketing costs and corporate taxes and government charges on wholesaling activities.

## AVERAGE TERMINAL GATE PRICES (TGPs) ACROSS AUSTRALIAN STATES/TERRITORIES

*Week ended 8 January 2010*

### UNLEADED PETROL (cents per litre \$A)

	Monday 4 January 2010	Tuesday 5 January 2010	Wednesday 6 January 2010	Thursday 7 January 2010	Friday 8 January 2010
<b>Sydney</b>	117.9	118.3	118.6	118.7	119.0
<b>Melbourne</b>	117.9	118.2	118.4	118.5	118.8
<b>Brisbane</b>	117.7	118.0	118.3	118.4	118.7
<b>Adelaide</b>	118.3	118.7	118.9	119.1	119.4
<b>Perth</b>	119.1	119.4	119.6	119.6	120.1
<b>Darwin</b>	123.7	124.1	124.3	124.4	124.8
<b>Hobart</b>	121.6	122.0	122.1	122.3	122.6

### DIESEL (cents per litre \$A)

	Monday 4 January 2010	Tuesday 5 January 2010	Wednesday 6 January 2010	Thursday 7 January 2010	Friday 8 January 2010
<b>Sydney</b>	116.3	116.7	117.1	117.4	117.9
<b>Melbourne</b>	116.1	116.5	116.8	117.0	117.6
<b>Brisbane</b>	116.3	116.7	117.0	117.2	117.8
<b>Adelaide</b>	116.6	117.0	117.3	117.5	118.1
<b>Perth</b>	117.2	117.6	117.8	117.9	118.6
<b>Darwin</b>	120.9	121.3	121.7	121.8	122.4
<b>Hobart</b>	120.6	121.1	121.3	121.5	122.1

**NOTES:** Daily TGP data are published by all wholesale fuel suppliers. AIP's website presents average TGP data for each weekday – see [www.aip.com.au/pricing/tgp.htm](http://www.aip.com.au/pricing/tgp.htm). This data has been prepared by ORIMA Research Pty Ltd on behalf of AIP, using information from BP Australia, Caltex, Shell Australia, and ExxonMobil Australia. Prices shown are the average TGP for unleaded petrol and diesel across each of these companies for the day.

## EXPLAINING THE TIME LAG BETWEEN CHANGES IN SINGAPORE PRICES AND CHANGES IN AUSTRALIAN WHOLESALE PETROL & DIESEL PRICES

Generally, there is a short time lag of 1-2 weeks between changes in Singapore prices and changes in Australian prices.

⇒ The lag can be seen in [FIGURE 3](#) on the previous page. That is, see the slight delay in the peaks and troughs in the **pink line** (National Average TGP) compared to the **purple line** (MOPS95 Petrol plus Shipping & Taxes).

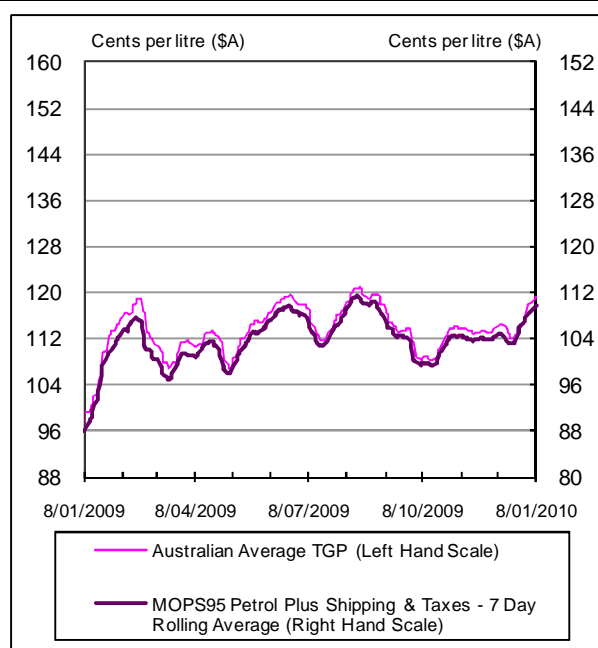
⇒ Importantly, this time lag occurs whether: prices are going up (when the lag slows price rises to consumers) or prices are going down (when the lag delays price falls).

⇒ The lag is a result of using a rolling average of Singapore prices as part of the wholesale pricing methodology (very similar to that used by the ACCC when wholesale prices were regulated by government). The pricing methodology is called import parity pricing (IPP).

⇒ The use of rolling averages smooths day-to-day price volatility.

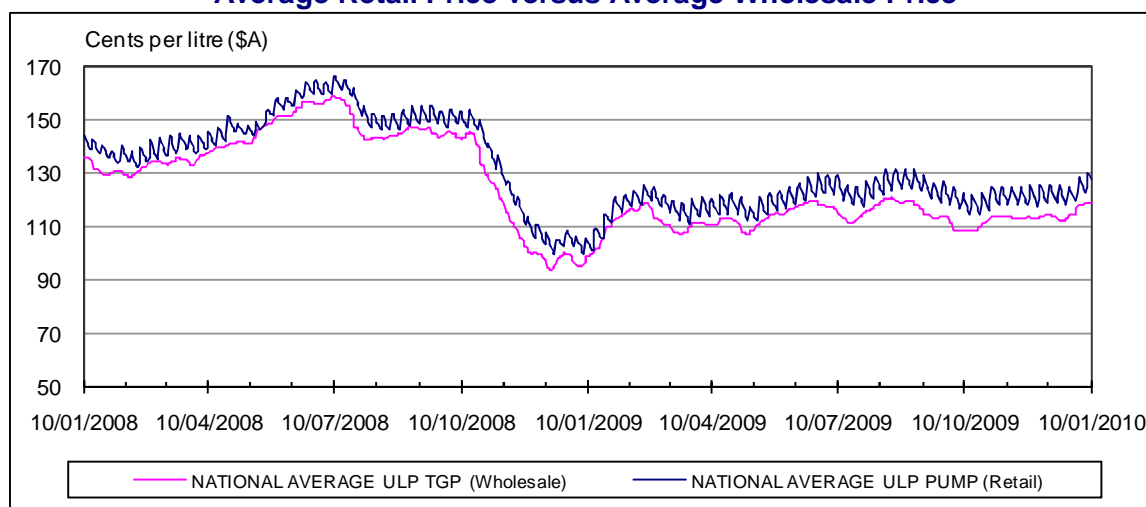
⇒ Not accounting for this lag, introduced by the rolling average, leads to incorrect conclusions about how Singapore prices flow through to prices in Australia.

The very close relationship between changes in MOPS95 Petrol and changes in Australian TGPs can be seen by applying a rolling average to the MOPS95 Petrol data (a 7 day rolling average is used in the Chart to the right to illustrate this).

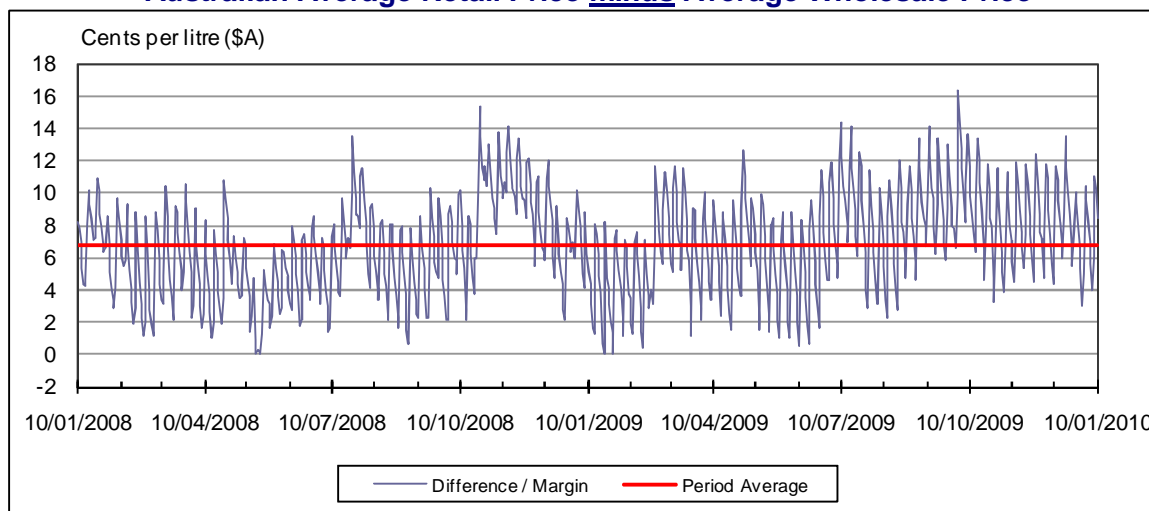


## AUSTRALIAN RETAIL MARKET TRENDS

**FIGURE 5: COMPARISON OF AUSTRALIAN PUMP PRICE WITH AUSTRALIAN TGP**  
**Average Retail Price versus Average Wholesale Price**



**FIGURE 6: DIFFERENCE BETWEEN MARKET PRICES**  
**Australian Average Retail Price minus Average Wholesale Price**



Wholesale: TGP ULP (National Average)	Cents per litre (A\$)	Retail: Pump Price ULP (National Average)	Cents per litre (A\$)
Average: Last Week (to Friday 08/01/10)	118.7	Average: Last Week (to Sunday 10/01/10)	126.4
Average: Last Week (to Friday 01/01/10)	116.3	Average: Last Week (to Sunday 03/01/10)	123.7
Average: Last 4 Weeks	115.3	Average: Last 4 Weeks	123.4
Average: Last 12 Weeks	113.8	Average: Last 12 Weeks	121.9
Average: Last 12 Months	113.5	Average: Last 12 Months	120.9

### PLEASE NOTE

Differences/margins between market prices or benchmarks are used as indicators of general trends in the petroleum market, **they do not represent profits** accruing to oil companies at the refining, wholesale or retail segments of the market. For each market segment, a range of costs would need to be deducted to determine actual profits. For example **at the retail level**, a range of standard retailing costs would need to be deducted to determine actual profits. These costs include:

- ⇒ land transport costs (of getting fuel from the terminal gate to the petrol bowser)
- ⇒ administration and retail marketing costs
- ⇒ the costs of running service stations like wages, rent and utilities
- ⇒ corporate taxes and other government charges on retailing activities

## SUMMARY: RETAIL PETROL PRICE TRENDS ACROSS STATES/TERRITORIES

*Week ended 10 January 2010*

### 'NATIONAL AND STATE' AVERAGE PRICES (cents per litre \$A)

	Weekly Average	Weekly Change	Low	High
National Average	126.4	2.7	122.8	130.3
NSW / ACT	126.5	2.1	122.5	131.0
Victoria	126.3	2.7	122.2	131.0
Queensland	127.2	3.4	124.0	130.3
South Australia	126.4	2.3	120.7	131.7
Western Australia	123.2	3.7	121.0	125.5
Northern Territory	135.5	2.6	131.5	138.0
Tasmania	130.1	2.2	127.7	132.3

### 'METROPOLITAN' AVERAGE PRICES (cents per litre \$A)

	Weekly Average	Weekly Change	Low	High
National Metro Average	125.8	2.4	121.2	130.6
Sydney	125.1	1.6	119.9	131.2
Canberra	131.7	2.7	130.2	133.2
Melbourne	126.5	2.6	121.9	131.8
Brisbane	127.7	2.5	122.8	132.2
Adelaide	126.5	1.8	119.4	133.0
Perth	120.7	4.4	117.8	123.3
Darwin	133.7	2.6	127.7	136.8
Hobart	130.7	2.4	128.8	134.2

### 'REGIONAL' AVERAGE PRICES (cents per litre \$A)

	Weekly Average	Weekly Change	Low	High
National Regional Average	127.5	3.2	125.3	129.8
NSW / ACT	128.2	2.8	126.6	130.3
Victoria	125.8	3.0	122.9	129.0
Queensland	126.8	4.3	123.4	129.1
South Australia	126.2	3.6	123.1	129.3
Western Australia	131.7	1.2	131.0	132.9
Northern Territory	140.0	2.5	137.1	141.9
Tasmania	129.6	2.1	126.7	130.7

**For average weekly retail (pump) prices for petrol and diesel across Australian cities and towns, please see [www.aip.com.au/pricing/retail.htm](http://www.aip.com.au/pricing/retail.htm)**

#### NOTES

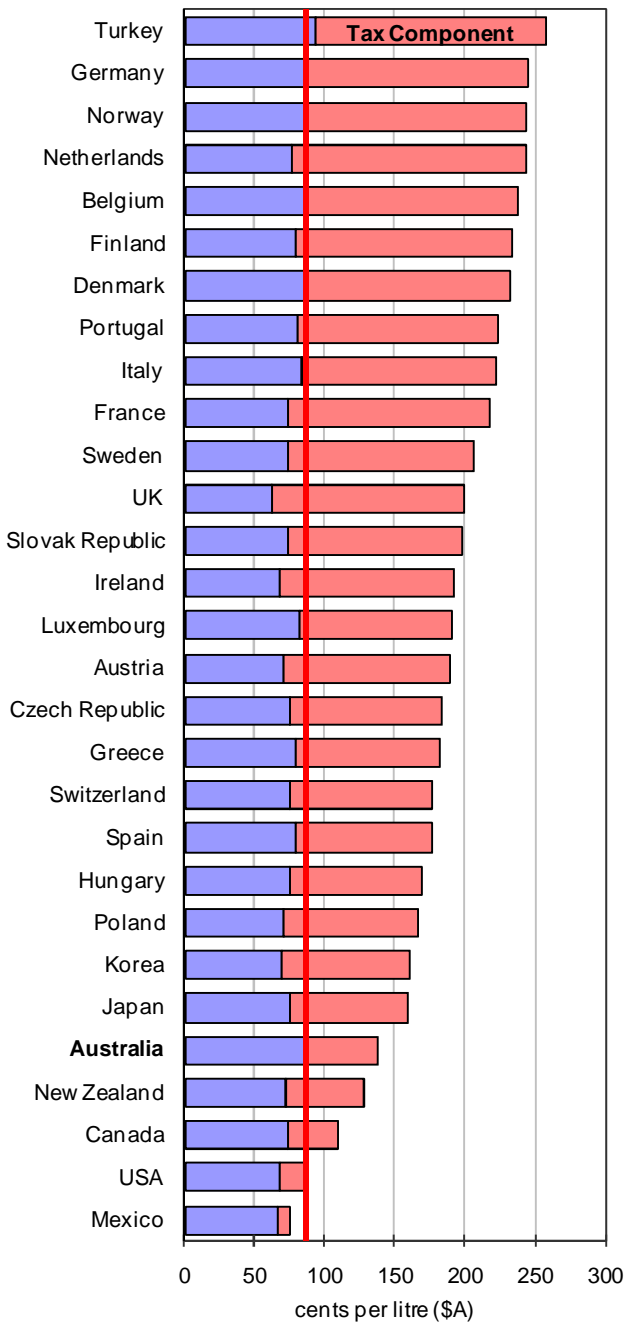
- (1) The National Average Retail Price is calculated as the weighted average of each State/Territory's metropolitan and non metropolitan retail petrol prices, with the weights based on the number of registered petrol vehicles in each of these regions.
  - (2) The Regional Average price is calculated as the weighted average of the retail petrol prices for the non-metropolitan regions in each State/Territory, where the weights are based on the number of vehicles using unleaded petrol.
  - (3) The vehicle data source is *ABS Motor Vehicle Census, 2005, Cat No 9309.0*.
  - (4) 'Weekly Low' and 'Weekly High' are based on the lowest and the highest average daily prices in the relevant area. The average daily price for each region (eg. Geelong) is calculated as a straight numerical average of all 'price points' provided for that day. Aggregate daily prices are based on a weighted average of all regions (eg. Geelong, Ballarat, Wodonga etc) in the relevant area (eg. Victoria) where weights are based on the number of vehicles using unleaded petrol in each region.
  - (5) Weekly Average prices are a straight average of the seven days.
  - (6) Weekly Change is the change compared with the Weekly Average last week.
- For more information on data methodology, please see the AIP Website ([www.aip.com.au/pricing/retail.htm](http://www.aip.com.au/pricing/retail.htm)).

# PETROL AND DIESEL – PRICES & TAXES IN OECD COUNTRIES

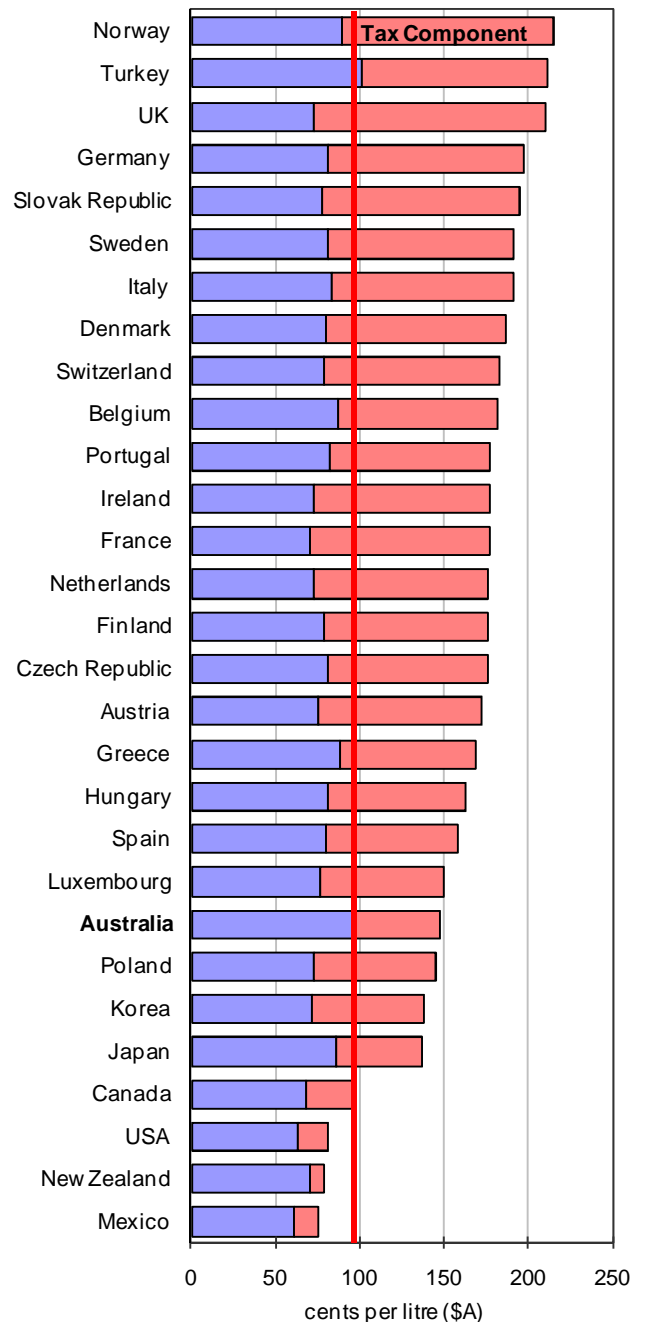
June Quarter 2009

The Charts show Australia has among the lowest petrol and diesel prices of all OECD countries.

Petrol Prices and Taxes in OECD Countries



Diesel Prices and Taxes in OECD Countries



Source: Australian Petroleum Statistics, Department of Resources, Energy & Tourism