



sapia | South African Petroleum
Industry Association

South African Petrol
Price Composition

South African petrol price composition

The price of petrol is regulated by the Minister of Energy in South Africa. This means that each element of the petrol price as well as the final price that is charged at the pumps of retail service stations has to be approved by the Minister of Energy. The petrol price at all retail service stations in a pricing zone must be similar and no discounting is allowed.

The petrol price is also promulgated in the Government Gazette each month prior to a price adjustment. Price adjustments always occur on the first Wednesday of a month and the administration of the petrol price adjustments are done by the Central Energy Fund (CEF) on behalf of the Department of Energy.

The main legislation with regard to the regulation of the petrol price is the Petroleum Products Act, 1977 (Act No. 120 of 1977) as amended in 2003 and 2005 and also the Central Energy Fund Act, 1977 (Act No. 38 of 1977).

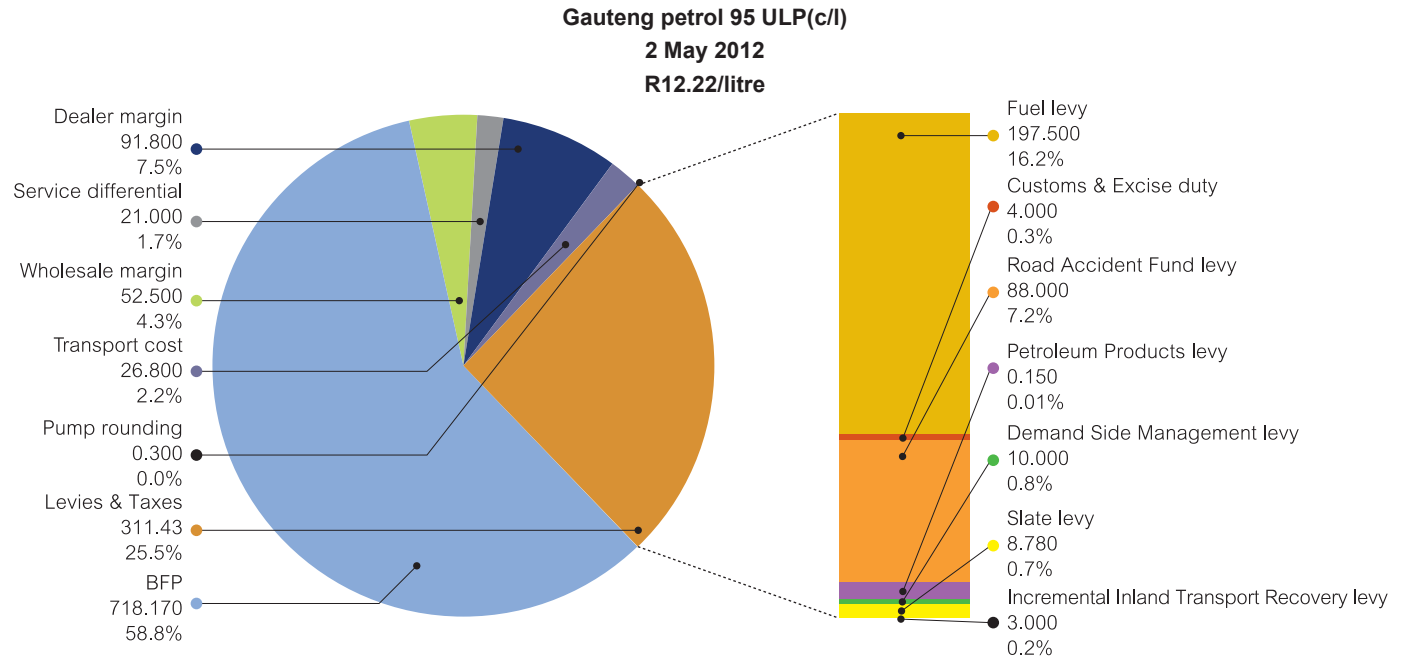


Figure 1 Illustration of the composition of the petrol price (95 ULP) in Gauteng (effective 2 May 2012)

Elements of the petrol price in South Africa

Basic Fuel Price

The Basic Fuel Price (BFP) is a notional import parity pricing formula and it is intended to establish a realistic estimate of what it would cost to import substantial volumes of refined fuel to South Africa. The BFP is based on the spot prices quoted daily in international markets.

The international spot prices used in the BFP are as follows:

- The basic price of petrol is based on 50 per cent of the price quoted in the Mediterranean area and 50 per cent of the price quoted in Singapore.
- The basic prices of diesel and illuminating paraffin are based on 50 per cent of prices in the Arabian Gulf and 50 per cent of prices in the Mediterranean refining area.

Other elements of the BFP are:

- freight costs from these refining centres to South African ports;
- demurrage (accounting for the time that tankers have to wait to load and discharge their freight at ports);
- insurance and minor shipping costs;
- an allowance for product loss through evaporation during marine transportation;
- cargo dues (harbour landing charges);
- coastal storage to cover the cost of providing storage and handling facilities; and
- stock financing.

The BFP is reviewed once a month (three days before the next price adjustment) to determine the adjustment in the BFP and the average over/under recovery in terms of the daily international quoted prices of petrol, diesel and paraffin that occurred the previous month. This means that although the BFP is 718.170 c/l as illustrated in Figure 1, the actual BFP changes on a daily basis and this actual daily BFP can either be higher or lower than the 718.170 c/l.

An account is kept of the daily BFP movements and at the end of each month before the next price adjustment a determination is made as to whether there was an average over/under recovery during the previous month. Based on this determination a new BFP is calculated for implementation during the next month. For example, if there is an over recovery during the month of May 2012 it will mean that the BFP element in the price structure will need to decrease and vice versa the following month.

It is important to keep in mind that South African refineries are price takers. The BFP is used as the transfer price between refining and marketing. Neither the government nor the refineries have control over this element and this element is based on international petrol prices. Therefore South African refineries have to compete with very large international refineries, based in Singapore, the Arabian Gulf and the Mediterranean. This ensures that South African refineries are operated very efficiently in order to compete with international refiners.



Figure 2 South African refineries

The international price of petrol is mostly a factor of supply and demand and of course the price of crude oil also plays a major role. Since crude oil is the major input cost for a crude oil refinery it is inevitable that crude oil cost will also impact the price of the refined product at the end of the day. For example, if crude oil prices increase it follows that the price of fuel will also increase to enable crude oil refiners to cover their costs. Also, since international prices are quoted in US\$, the Rand/US\$ exchange rate will always be a determining factor of the local fuel prices. For example if there is a weakening of the Rand/US\$ exchange rate it will mean that there will be an increase in the domestic price of petrol.

How is the petrol pump price calculated?

In order to arrive at the petrol pump price in each magisterial district zone all the elements below need to be added up.

1. Basic Fuel Price

2. Government taxes and levies

These taxes and levies are composed of:

- Customs and Excise Duties. This is a duty collected in terms of the Customs Union Agreement.

- Fuel levy. This is levied by Government and is announced by the Minister of Finance for the April price adjustment.
- Equalisation Fund levy. This levy is nil currently. In terms of the CEF Act the Minister of Energy with the concurrence of the Minister of Finance can impose this levy for certain funding purposes (as prescribed in the Act).
- Road Accident Fund levy. This is a levy that is used to compensate third party accident victims.
- Incremental Inland Transport Cost Recovery levy. This levy is present in the petrol and diesel price structures and is necessary to finance the incremental inland transport of petrol, diesel and jet fuel to the inland area. The reason for this is the reality that the Durban-Johannesburg pipeline owned by Transnet Pipelines is fully utilised and oil companies are therefore forced to make use of road transport which is more expensive.
- Petroleum Products levy. This levy is raised in terms of the Petroleum Pipelines Act, 2003 (Act No. 60 of 2003) and is used to finance the National Energy Regulator (NERSA). The levy is payable by users of petroleum pipelines. NERSA regulates amongst others the petroleum pipelines industry.
- Demand Side Management levy. This levy is charged only to inland customers to discourage unnecessary usage of high octane petrol. The main reason is that it is unnecessary for most cars to use 95 ULP and it is expensive for refineries to supply the inland market with high volumes of 95 ULP while 93 ULP is less expensive and appropriate for usage.
- Tracer dye levy. The purpose of having this levy on diesel is to monitor and enforce regulations regarding the sale of undiluted diesel to consumers. Diesel can be diluted with illuminating paraffin and the tracer dye is inserted into paraffin so that inspectors can identify the presence of illuminating paraffin in diesel.

3. Wholesale margin

This margin is paid to oil companies to compensate them for their marketing activities. This margin is subject to approval by the Minister and the process normally consists of an annual review of the industry costs and profitability.

4. Service differential

This component covers oil company depot operating costs and road delivery expenses (from depot to customer). This is determined annually, subject to ministerial approval.

5. Transport costs

This component includes the primary cost of moving fuel from the coastal port locations to inland distribution centres, by pipeline, rail or road. It is called the Magisterial Zone Differential System (MDZ) and is based on the principle of import parity and the incremental cost of transporting finished product from the coast. This mechanism allows primary transporters of petroleum products to recover their direct costs for transporting product. Magisterial zones are currently divided into three distinct groups: A zones, B zones, C zones and J zones. The MDZ system is based on standard costs for road transport as supplied by the Road Freight Association and actual pipeline rates as set by NERSA for Transnet Pipelines. These MDZ rates are subject to ministerial approval for inclusion in fuel price structures.

6. Slate levy

A self-adjusting slate levy mechanism becomes operational once the under recovery on fuel reaches a certain amount. The purpose of this slate levy is to compensate oil companies for delays in pump price adjustments.

7. Dealer margin

This is the margin that service station owners/operators are permitted to add to the petrol price. The dealer margin is normally adjusted on an annual basis and is subject to the approval of the Minister of Energy.

8. Pump rounding factors

These factors are necessary to ensure that oil companies do not gain or lose by charging fuel prices in whole cents and so that service stations recover the full dealer margin.

95 ULP pump price (c/l) Source: Department of Energy

Gauteng

	6 Jan 10	3 Feb 10	3 Mar 10	7 Apr 10	5 May 10	2 Jun 10	14 Jul 10	4 Aug 10	1 Sep 10	6 Oct 10	3 Nov 10	1 Dec 10	5 Jan 11	2 Feb 11
Wholesale margin	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	54.101	54.101
Service cost recoveries	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	11.400	11.400
Dealer margin	72.700	72.700	72.700	72.700	72.700	72.700	72.700	72.700	72.700	81.200	81.200	81.200	81.200	81.200
Zone differential	14.000	14.000	14.000	14.000	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500
IP Tracer levy	0	0	0	0		0	0	0	0	0	0	0	0	0
Fuel levy	150.000	150.000	150.000	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500
Customs & Excise duty	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
RAF levy	64.000	64.000	64.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Petroleum Products levy	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Slate levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Side Management levy	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Equalisation Fund levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Incremental Inland Transport Cost Recovery levy	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
BFP	406.263	424.263	430.563	453.063	465.063	438.063	420.063	410.063	400.063	396.563	416.563	429.563	453.949	479.949
Pump rounding			(0.300)	(0.300)	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	786.00	804.00	810.00	858.00	872.00	845.00	827.00	817.00	807.00	812.00	832.00	845.00	873.00	899.00

Coast

	6 Jan 10	3 Feb 10	3 Mar 10	7 Apr 10	5 May 10	2 Jun 10	14 Jul 10	4 Aug 10	1 Sep 10	6 Oct 10	3 Nov 10	1 Dec 10	5 Jan 11	2 Feb 11
Wholesale margin	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	51.087	54.101	54.101
Service cost recoveries	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	11.400	11.400
Dealer margin	72.700	72.700	72.700	72.700	72.700	72.700	72.700	72.700	72.700	81.200	81.200	81.200	81.200	81.200
Zone differential	0.700	0.700	0.700	0.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700
IP Tracer levy	0	0	0	0		0	0	0	0	0	0			
Fuel levy	150.000	150.000	150.000	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500	167.500
Customs & Excise duty	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
RAF levy	64.000	64.000	64.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Petroleum Products levy	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Slate levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Side Management levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equalisation Fund levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Incremental Inland Transport Cost Recovery levy	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
BFP	406.263	424.263	430.563	453.063	465.063	438.063	420.063	410.063	400.063	396.563	416.563	429.563	453.949	479.949
Pump rounding			0	0	0	0	0	0	0	0	0	0	0	0
	763.00	781.00	787.00	835.00	848.00	821.00	803.00	793.00	783.00	788.00	808.00	821.00	849.00	875.00

2 Mar 11	6 Apr 11	4 May 11	1 Jun 11	6 Jul 11	3 Aug 11	7 Sep 11	5 Oct 11	2 Nov 11	7 Dec 11	4 Jan 12	1 Feb 12	7 Mar 12	4 Apr 12	2 May 12	6 Jun 12	4 Jul 12	1 Aug 12
54.101	54.101	54.101	54.101	54.101	54.101	54.101	54.101	54.101	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500
11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000
81.200	81.200	81.200	81.200	81.200	81.200	81.200	85.200	85.200	91.800	91.800	91.800	91.800	91.800	91.800	91.800	91.800	91.800
15.500	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	26.800	26.800	26.800	26.800	26.800
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	197.500	197.500	197.500	197.500	197.500
4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
72.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	88.000	88.000	88.000	88.000	88.000
0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
0	0	0	0	0	0	0	0	0	0	0	0	4.380	4.380	8.780	10.960	4.380	0
10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
522.949	552.149	581.149	579.149	548.149	565.149	574.149	606.149	629.149	603.550	598.550	632.550	656.170	694.570	718.170	660.990	582.570	608.950
0.200	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	(0.400)	0.300	0.300	0.300	0.300	0.300
942.00	996.00	1 025.00	1 023.00	992.00	1 009.00	1 018.00	1 054.00	1 077.00	1 066.00	1 061.00	1 095.00	1 123.00	1 194.00	1 222.00	1 167.00	1 082.00	1 104.00

2 Mar 11	6 Apr 11	4 May 11	1 Jun 11	6 Jul 11	3 Aug 11	7 Sep 11	5 Oct 11	2 Nov 11	7 Dec 11	4 Jan 12	1 Feb 12	7 Mar 12	4 Apr 12	2 May 12	6 Jun 12	4 Jul 12	1 Aug 12
54.101	54.101	54.101	54.101	54.101	54.101	54.101	54.101	54.101	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500
11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000
81.200	81.200	81.200	81.200	81.200	81.200	81.200	85.200	85.200	91.800	91.800	91.800	91.800	91.800	91.800	91.800	91.800	91.800
1.700	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.100	2.100	2.100	2.100	2.100
167.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	177.500	197.500	197.500	197.500	197.500	197.500
4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
72.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	88.000	88.000	88.000	88.000	88.000
0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
0	0	0	0	0	0	0	0	0	0	0	0	4.380	4.380	8.780	10.960	4.380	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
522.949	552.149	581.149	579.149	548.149	565.149	574.149	606.149	629.149	603.550	598.550	632.550	656.170	694.570	718.170	660.990	582.570	608.950
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
918.00	966.00	995.00	993.00	962.00	979.00	988.00	1 024.00	1 047.00	1 036.00	1 031.00	1 065.00	1 093.00	1 159.00	1 187.00	1 132.00	1 047.00	1 069.00

Diesel 0.005% wholesale price (not regulated) (c/l) Source: Department of Energy

Gauteng

	6 Jan 10	3 Feb 10	3 Mar 10	7 Apr 10	5 May 10	2 Jun 10	14 Jul 10	4 Aug 10	1 Sep 10	6 Oct 10	3 Nov 10	1 Dec 10	5 Jan 11	2 Feb 11
Wholesale margin	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	53.861	53.861
Service cost recoveries	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	11.400	11.400
Dealer margin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zone differential	14.000	14.000	14.000	14.000	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500
IP Tracer levy	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Fuel levy	135.000	135.000	135.000	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500
Customs & Excise duty	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
RAF levy	64.000	64.000	64.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Petroleum Products levy	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Slate levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Side Management levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equalisation Fund levy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Incremental Inland Transport Cost Recovery levy	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
BFP	410.030	420.030	424.030	447.030	475.030	460.030	444.030	431.030	433.030	430.030	442.030	457.030	477.030	509.030
	691.85	701.85	705.85	754.35	783.85	768.85	752.85	739.85	741.85	738.85	750.85	765.85	789.45	821.45

Coast

	6 Jan 10	3 Feb 10	3 Mar 10	7 Apr 10	5 May 10	2 Jun 10	14 Jul 10	4 Aug 10	1 Sep 10	6 Oct 10	3 Nov 10	1 Dec 10	5 Jan 11	2 Feb 11
Wholesale margin	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	50.860	53.861	53.861
Service cost recoveries	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	10.800	11.400	11.400
Dealer margin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Zone differential	0.700	0.700	0.700	0.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700
IP Tracer levy	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Fuel levy	135.000	135.000	135.000	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500	152.500
Customs & Excise duty	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
RAF levy	64.000	64.000	64.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Petroleum Products levy	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Slate levy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Demand Side Management levy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Equalisation Fund levy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Incremental Inland Transport Cost Recovery levy	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
BFP	410.030	420.030	424.030	447.030	475.030	460.030	444.030	431.030	433.030	430.030	442.030	457.030	477.030	509.030
	678.55	688.55	692.55	741.05	770.05	755.05	739.05	726.05	728.05	725.05	737.05	752.05	775.65	807.65

2 Mar 11	6 Apr 11	4 May 11	1 Jun 11	6 Jul 11	3 Aug 11	7 Sep 11	5 Oct 11	2 Nov 11	7 Dec 11	4 Jan 12	1 Feb 12	7 Mar 12	4 Apr 12	2 May 12	6 Jun 12	4 Jul 12	1 Aug 12
53.861	53.861	53.861	53.861	53.861	53.861	53.861	53.861	53.861	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500
11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15.500	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	22.900	26.800	26.800	26.800	26.800	26.800
0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
152.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	182.500	182.500	182.500	182.500	182.500
4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
72.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	88.000	88.000	88.000	88.000	88.000
0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
0	0	0	0	0	0	0	0	0	0	0	0	4.380	4.380	8.780	10.960	4.380	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
572.030	616.030	632.030	595.030	583.030	598.030	598.030	635.030	671.030	707.030	687.030	685.030	690.030	712.030	716.030	689.030	634.030	654.030
884.45	953.85	969.85	932.85	920.85	935.85	935.85	972.85	1 008.85	1 053.09	1 033.09	1 031.09	1 040.47	1 094.37	1 102.77	1 077.95	1 016.37	1 031.99

2 Mar 11	6 Apr 11	4 May 11	1 Jun 11	6 Jul 11	3 Aug 11	7 Sep 11	5 Oct 11	2 Nov 11	7 Dec 11	4 Jan 12	1 Feb 12	7 Mar 12	4 Apr 12	2 May 12	6 Jun 12	4 Jul 12	1 Aug 12
53.861	53.861	53.861	53.861	53.861	53.861	53.861	53.861	53.861	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500	52.500
11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	11.400	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1.700	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.100	2.100	2.100	2.100	2.100
0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
152.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	162.500	182.500	182.500	182.500	182.500	182.500
4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
72.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	88.000	88.000	88.000	88.000	88.000
0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.380	4.380	8.780	10.960	4.380	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
572.030	616.030	632.030	595.030	583.030	598.030	598.030	635.030	671.030	707.030	687.030	685.030	690.030	712.030	716.030	689.030	634.030	654.030
870.65	933.45	949.45	912.45	900.45	915.45	915.45	952.45	988.45	1 032.69	1 012.69	1 010.69	1 020.07	1 069.67	1 078.07	1 053.25	991.67	1 007.29

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