

Argentina Fuel Market Analysis

Exploring Fuel Price Fluctuations (2016-2023) in Argentine Peso (\$)

Company

All

Product Type

All

01-06-2016

29-10-2023



\$11.2M

Gross Price

\$321.8

Overall AVG Price

5

Product Type

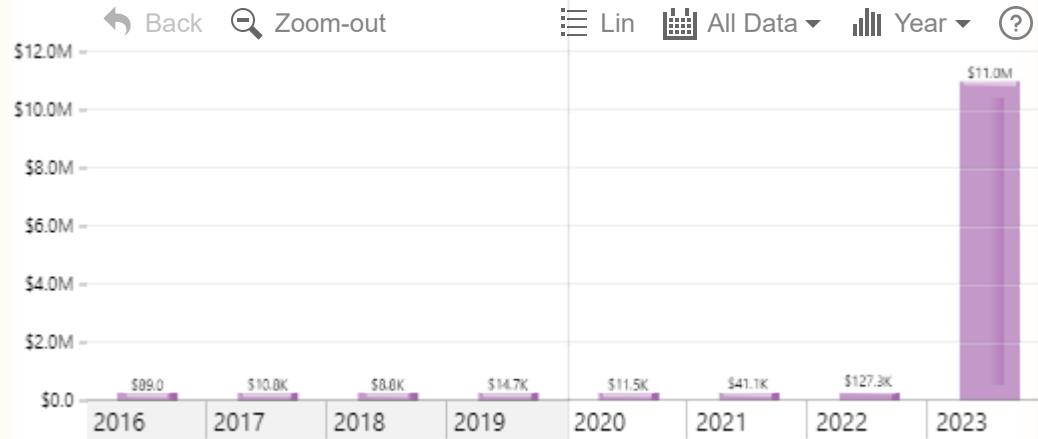
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Total Companies

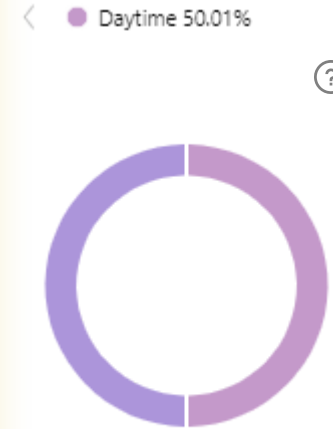
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Total Sellers

Gross Price by Year & Month

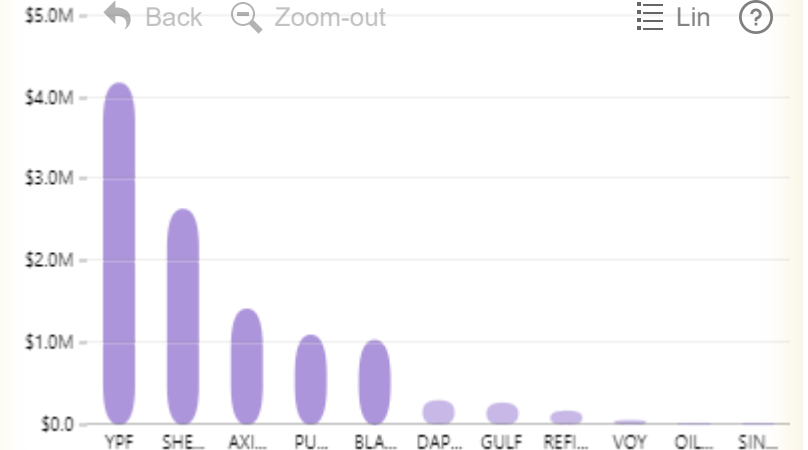


Is Shift Affect Gross Price & AVG?



Gross Price by Fuel Company

#Drill Down Through Product Type



Top 10 City by gross Price

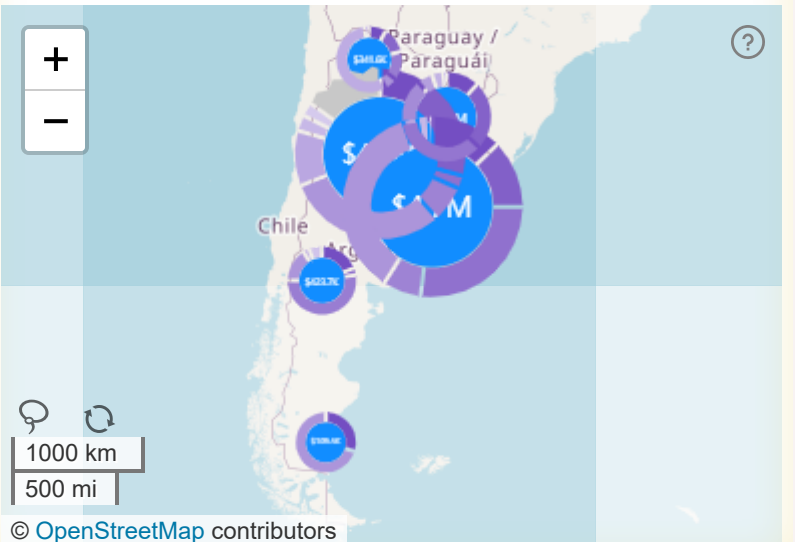
City	Avg Price	Gross Price
CORDOBA	\$338.2	\$474.1K
CAPITAL FEDERAL	\$282.8	\$418.0K
ROSARIO	\$324.5	\$237.5K
MAR DEL PLATA	\$343.7	\$176.0K
LA PLATA	\$287.5	\$142.0K
SALTA	\$323.1	\$102.8K
SAN MIGUEL DE TUCUMAN	\$288.9	\$95.9K
POSADAS	\$406.4	\$87.0K
CORRIENTES	\$350.9	\$85.6K
BAHIA BLANCA	\$323.7	\$85.5K
Total	\$317.9	\$1,904.4K

Fuel Company by Market Share

YPF 34.80% BLANCA 19.44%



Gross Price by Province(Location)





Exploring Fuel Price Trends in Argentina (2016-2023)

This project is part of the **FP20Analytics** challenge, focusing on analyzing fuel price trends in Argentina over recent years

This page is designed for stakeholder requests.



\$11.18M

Gross Sales(Total Price)
Represents the sum total of prices across the entire dataset.



\$321.8

Overall AVG Price
This indicates the average price of fuel across all types and sellers throughout the entire dataset period.



5

Product Type
This metric reflects the number of distinct fuel types included in the dataset.



11

Total Company
This metric displays the number of companies providing fuel services.



4414

Total Sellers
"Total Sellers" refers to the number of fuel pump dealers or outlets selling fuel.

Stakeholders Request & Insights

1.What is the average price of Gasoil Grade 2 across all provinces?

\$318.2

Gasoil Grad 2

\$404.2

Gasoil Grad 3

\$360.6

Petroleum Premium - 95 Oc...

\$289.0

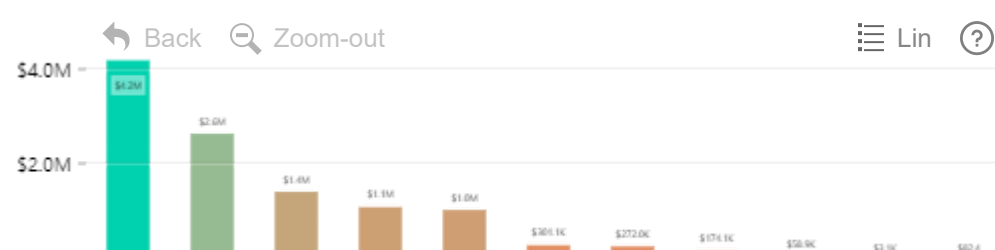
Petroleum Unleaded - 95/98 Octane

\$138.2

Compressed Natural Gas

2.Which company has the highest total sales by city?

Total Sales by Company | Drill Down by City

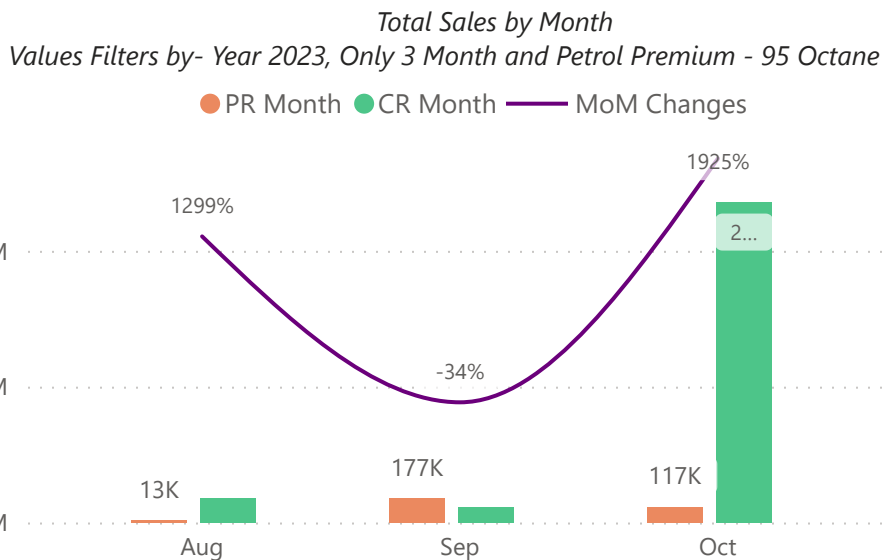


The company with the **highest total sales** by city is **YRF**, with sales of **\$4.2M** Argentine pesos, constituting **37.36% of the total** sales. Its highest sales occurred in the **Capital Federal city**, amounting to **184K pesos**.

The **second company** by total sales is **Shell CAPSA**, with total sales of **2.6M pesos**, representing **23.59% of the total**. Its highest sales were in **Cordoba city**, amounting to **158.9K pesos**.

For further insights into other companies, visual drill-downs are available.

3.How has the price of Petrol Premium - 95 Octane changed from September 2023 to October 2023?

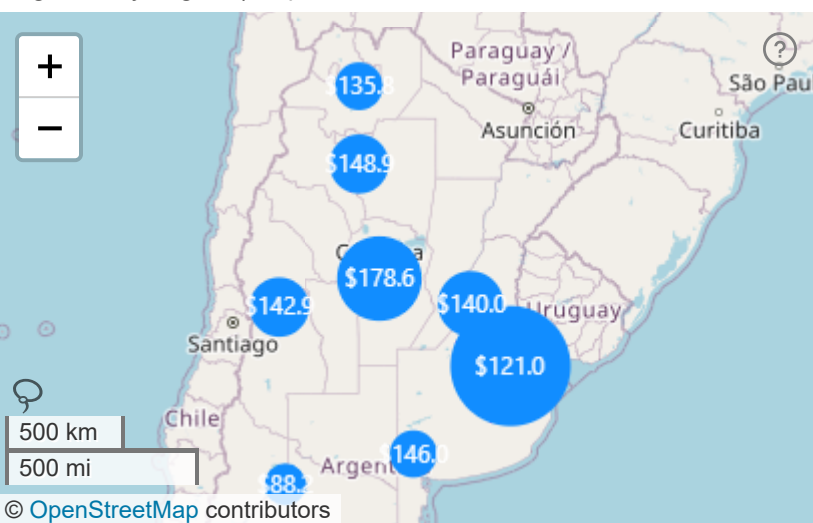


The price of **Petrol Premium - 95 Octane** witnessed a positive change from September 2023 to October 2023.

In September 2023, the sales of Petrol Premium - 95 Octane were recorded at **117k**, whereas in October 2023, the sales surged to **2362k(2.3M)**, indicating a remarkable growth of **1925%**.

4.Which region has the highest average price for Compressed Natural Gas?

Avg Price by Region | Map Visuals



In the **Centro region**, the average price of Compressed Natural Gas is **highest at 164 pesos**, whereas in **Patagonia**, it's **lowest at 110 pesos**.

5.Can we observe any significant difference in fuel prices between daytime and nighttime shifts?

Shift Type	AVG Price	Total Sales	% of Total
Daytime	\$321.8	\$55,92,769.7	50.01%
Nighttime	\$321.8	\$55,91,133.5	49.99%

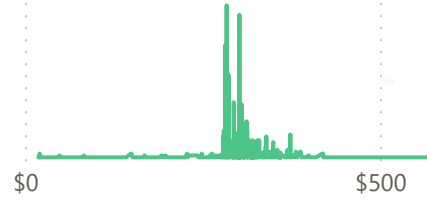
Based on average prices, there is no significant difference between daytime and nighttime shifts.

However, in terms of total sales, there is a minor difference of 0.1%, with 1430 pesos more sales occurring during the daytime shift compared to the nighttime shift.

6.What is the price range for Petrol unleaded - 95/98 Octane in the Buenos Aires province?

Values Filtered by- Petrol Unleaded 95/98 Octane and Buenos Aires Province

Product	Price Range
Petrol Unleaded - 95/98 Octane	\$18.8
Petrol Unleaded - 95/98 Octane	\$18.9
Petrol Unleaded - 95/98 Octane	\$19.5
Petrol Unleaded - 95/98 Octane	\$19.7
Petrol Unleaded - 95/98 Octane	\$20.5
Petrol Unleaded - 95/98 Octane	\$20.6



In the Buenos Aires province, the price range for Petrol unleaded - 95/98 Octane exhibits a considerable spread, ranging from **18.8 pesos to 569.2 pesos**.

7.How many different types of products are sold by the company "AUTOMOVIL CLUB ARGENTINO"?

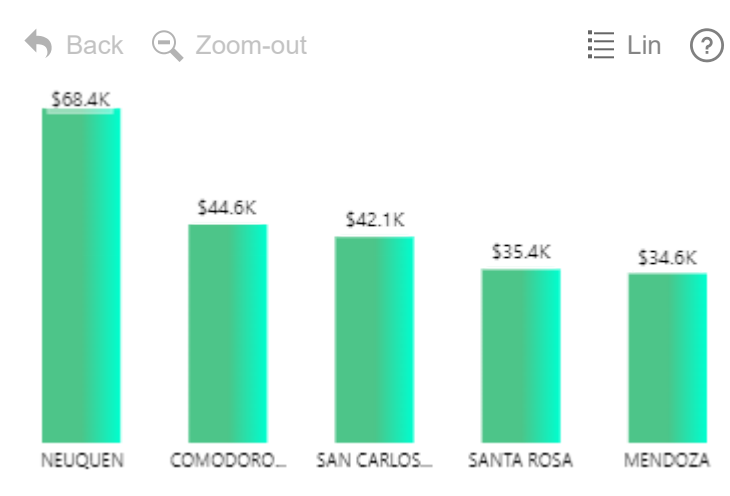
Values Filtered by- Automovil Club Argentino

Product Type	Total Sales	Count	Average Price
Gasoil Grade 3	\$106.8K	260	\$410.8
Petrol Premium - 95 Octane	\$94.1K	260	\$362.0
Gasoil Grade 2	\$82.3K	260	\$316.7
Petrol Unleaded - 95/98 Octane	\$73.7K	258	\$285.8
Compressed Natural Gas	\$0.5K	4	\$136.0

The company "AUTOMOVIL CLUB ARGENTINO" sells a total of 5 different types of products.

8.Which city in the Patagonia region has the highest recorded price for any fuel type?

Top 5 City by Total Sales
Values Filtered by- Patagonia Region | Drill down by Fuel Type

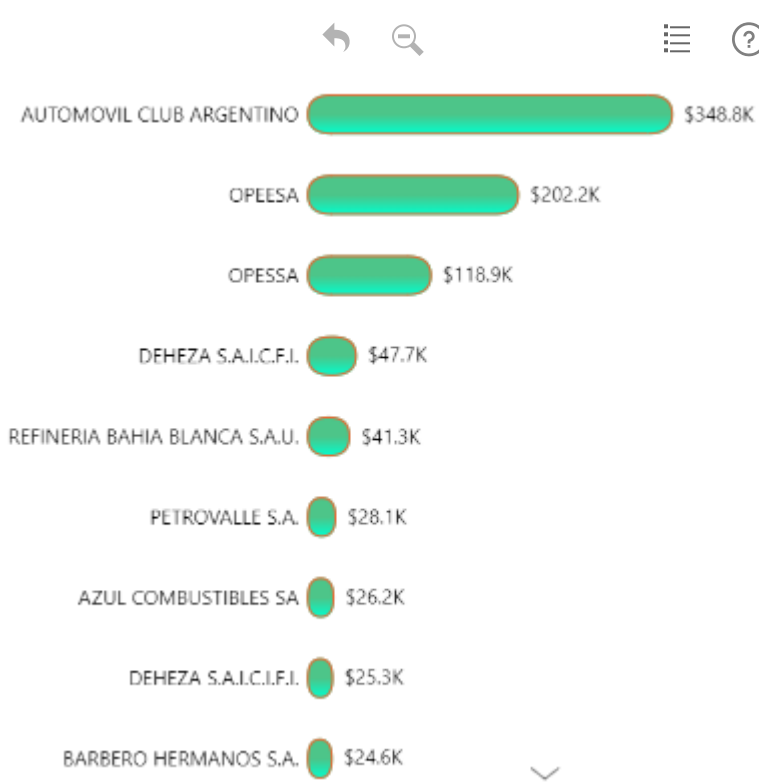


In the Patagonia region, **"NEUQUEN"** city has the highest recorded price for any fuel type.

Gasoil Grad 3 in **"NEUQUEN"** city has both the highest total sales, standing at 21.3k, and the highest average price of 393.6 pesos.

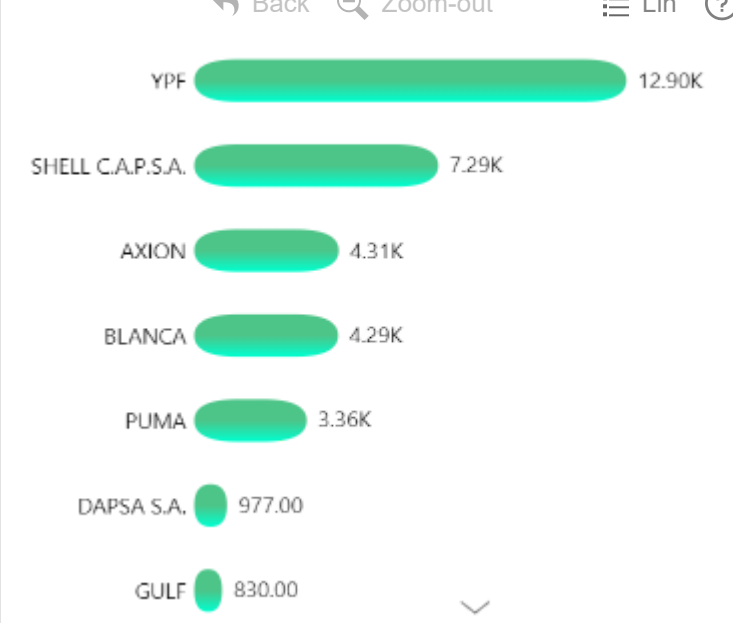
9.What are the top 10 companies by sales revenue in 2023?

Top 10 Company by Total Sales
Values Filtered by- Year 2023 | Drill down by Fuel Type



10.What is the total revenue generated by each flagged company if we assume each price corresponds to one sale?

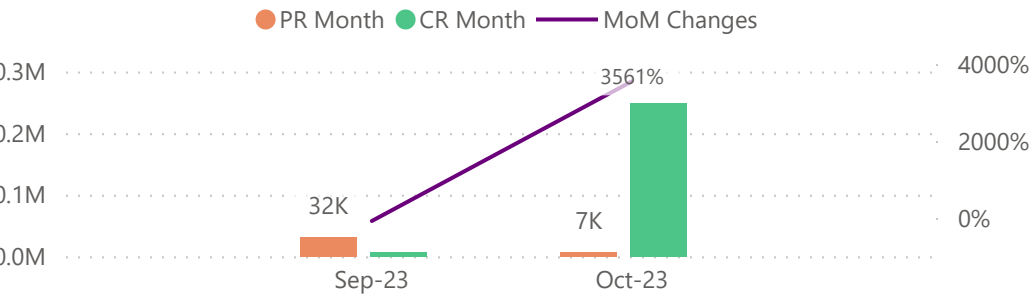
Flag Company by Total Sales(Price Count)
Drill down by Fuel Type



The flagged company **YRF** generated the **highest total revenue**, amounting to **12.90k**, which accounts for **37.13%** of the total revenue.

11.Which company experienced the greatest percentage change in the price of Gasoil Grade 3 between September 2023 and October 2023?

Sales by Filtered Month
Values Filtered by- Gasoil Grad 3 | Top Company(Puma), Year 2023



The company that experienced the greatest percentage change in the price of Gasoil Grade 3 between September 2023 and October 2023 is **Puma**. Puma recorded the highest percentage growth, showing an astonishing 3561% increase during this period.

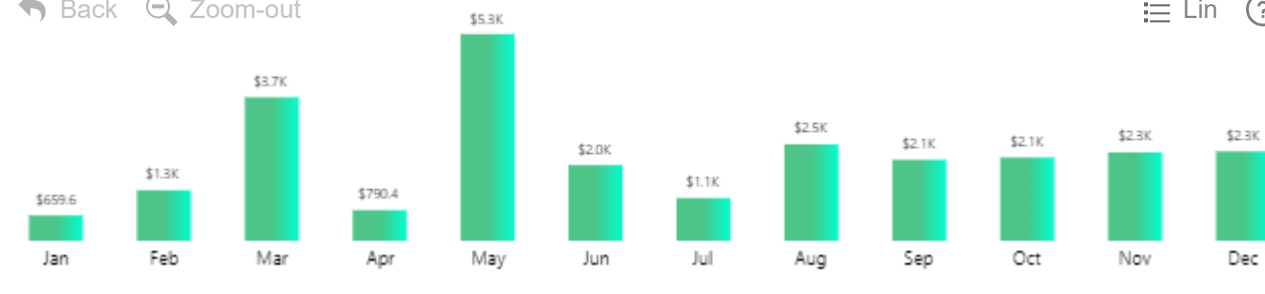
12.What was the highest and lowest prices of Gasoil Grade 2 in the province of Buenos Aires during the year 2023?

Product	Lowest Price	Product	Highest Price
Gasoil Grade 2	\$177.0	Gasoil Grade 2	\$543.9

The highest price of Gasoil Grade 2 in the province of Buenos Aires during the year 2023 was 543.9 pesos, while the lowest price recorded was 177 pesos.

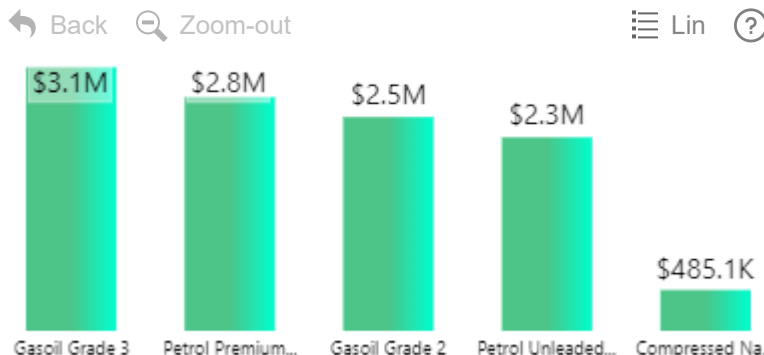
13.Which month had the greatest profit win in the prices of Petrol unleaded - 95/98 Octane during the year 2022?

Sales by Month
Values Filtered by- Petrol Unleaded - 95/98 Octane | Year 2022



14.What was the product that showed the highest sales?

Sales by Product



The product that showed the highest sales was **Gasoil Grad 3**, with total sales amounting to **3.1 million** pesos, representing **27.87% of the total sales**.

Conversely, the product with the lowest sales was Compressed Natural Gas, with sales amounting to 495.1k pesos, which accounts for 4.34% of the total sales.

