# Company PP Report ERP Simulation Results



## **Group Members & Roles**

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Jordan Peabody - Chief Executive Officer

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#### Introduction

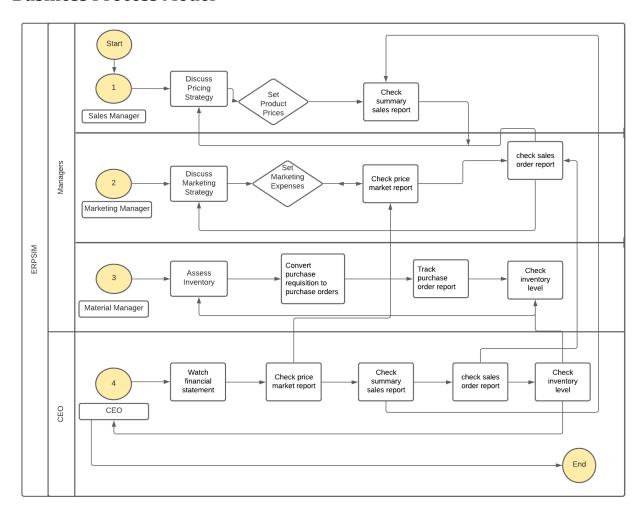
After completing their masters degrees a group of four California State University, Los Angeles (CSULA) alumni saw an opportunity in the water and soft drink industry. After working in a group project together, they realized they shared similar goals - to help others, work for a sustainable business, and make the world a better place. A year into their careers post graduation they all took a trip to Germany and realized the lack of bottled water and soft drink options at local retailers. After doing some research the group of friends discovered that the German market was the ideal market to put their education to the test and launch their own beverage brand to fulfill the German consumers' need for bottled beverages.

Golden Eagle Beverage Company was founded by CSULA alumni with the sole mission to help people live better lives - to promote healthy hydration, become sustainability advocates, and make the world a better place. The Golden Eagle Beverage Company is focused on creating the best bottled water in a way that creates a better future for all - evolving the business environment, transforming the bottled beverage industry, and the entire world.

Each member of the team was assigned with different roles. Our roles were divided as CEO, Sales Manager, Marketing Manager, and Inventory Manager. The CEO was responsible for analyzing the financial report to see where our company lies in terms of profit and revenue. Sales manager was responsible for generating sales to increase the valuation of the company. Marketing Manager was responsible for planning the marketing

expense for the products according to the marketing report and sales report generated, and Inventory Manager was responsible for ordering the inventory. As a team, initially we planned a sales and marketing budget. We set the sales and marketing price for each product. We were constantly analyzing the sale report, marketing report and financial report and made changes to our marketing and sales plan to increase the valuation of the company.

#### **Business Process Model**



**Figure 1 - Business Process Model:** 

The Business Process Shows each role for the management team at Company PP. Key processes include discussing pricing, marketing, and inventory strategies. The CEO reviews multiple reports and works with the other managers to set prices, marketing, and inventory levels.

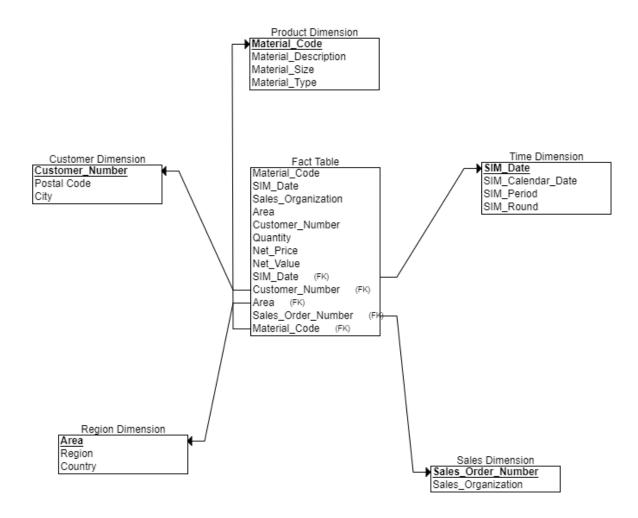


Figure 2 - Star Schema for Finance

This figure displays the star schema for the finance data generated from SAP.

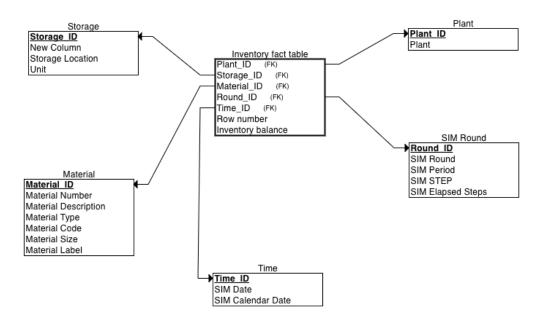


Figure 3 - Star Schema for Materials

This figure displays the star schema for the Material Manager's relevant data generated from SAP.

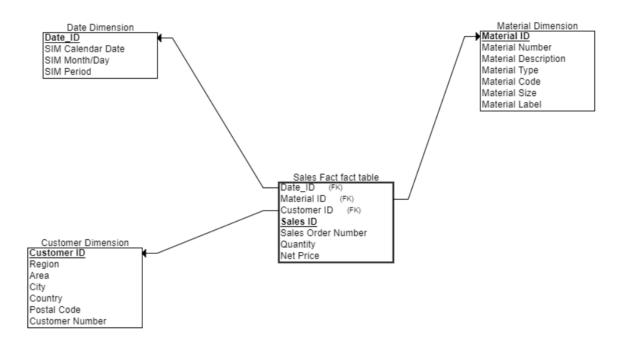


Figure 4 - Star Schema for Sales

This figure displays the star schema for sales data generated from SAP.

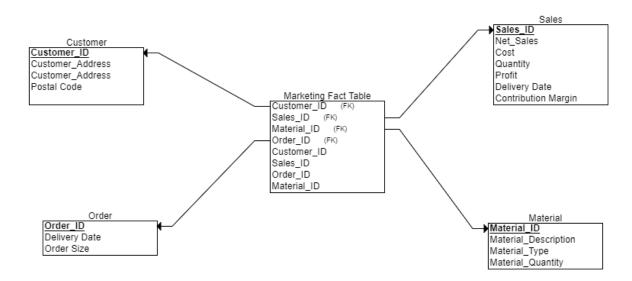


Figure 5 - Star Schema for Marketing

This figure displays the star schema for the Marketing's relevant data generated from SAP.

#### **Initial Strategy**

Company PP (hereinafter referred to as "Company PP", or "The Company") wanted to maximize revenues and gross margins by charging higher prices. Company PP also invested heavily in marketing campaigns due to concerns that competitors would obtain larger market shares and decrease Company PP's sales. During the 20-day simulation rounds ("Sales Period") the sales manager watched competitor prices, the marketing manager updated marketing expenses for each product, and the materials manager watched inventory levels & ordered new products as necessary.

The company aimed to raise prices on popular products to maximize revenues. If customers liked a product, the company assumed they would pay a higher price for it. However, if a product lost popularity among customers, the Company would lower prices to maintain consistent sales and avoid large quantities of unsold inventory. Company PP chose to market certain products more heavily than others depending on how the product was performing. Observing the sales report, setting prices, and strategically allocating marketing expenses were extremely important.

In the following sections, Company PP's revenues, pricing & market share, marketing expenses, and material management are analyzed for evaluation of the strategy.

#### Revenue Analysis

Considering revenue alone, Company PP's strategy was successful when compared against competitors. Company PP had the second highest revenues, as shown by the figure below:

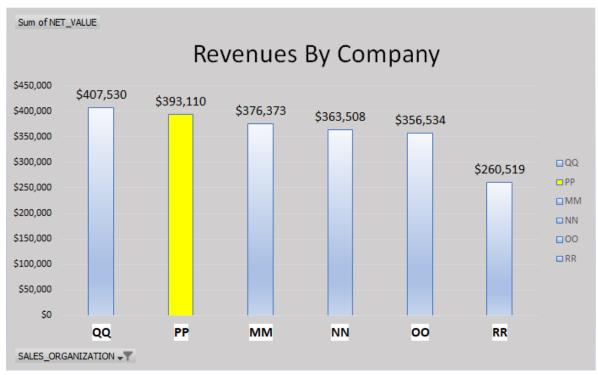


Figure 6 - Total Revenues For All Companies

Comparison of each company from highest to lowest revenue. Company QQ (far left) has the highest revenue of all companies. Company PP (yellow) had the second highest revenue.

Generally, every company's revenue increased over time. Only one company had decreasing revenues (Company RR). The revenue that each company earned for each round, along with the revenue trend line is displayed in the following figures.



Figure 7 - Revenue Trendline for Company QQ

This graph represents the revenue generated by Company QQ during Rounds 1, 2, & 3 of the simulation. The trend line for Company QQ shows an increase in revenue.

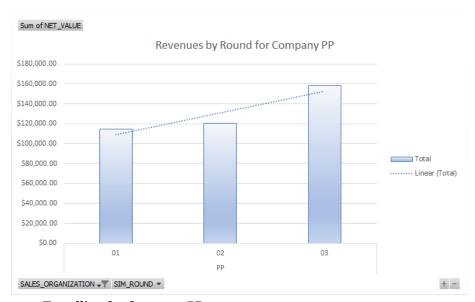


Figure 8 - Revenue Trendline for Company PP

This graph represents the revenue generated by Company PP during Rounds 1, 2, & 3 of the simulation. The trend line for Company PP shows an increase in revenue.



Figure 9 - Revenue Trendline for Company MM

This graph represents the revenue generated by Company MM during Rounds 1, 2, & 3 of the simulation. The trend line for Company MM shows an increase in revenue.

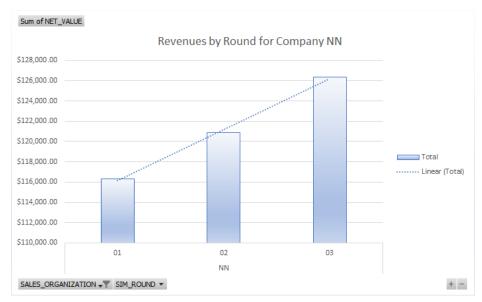


Figure 10 - Revenue Trendline for Company NN

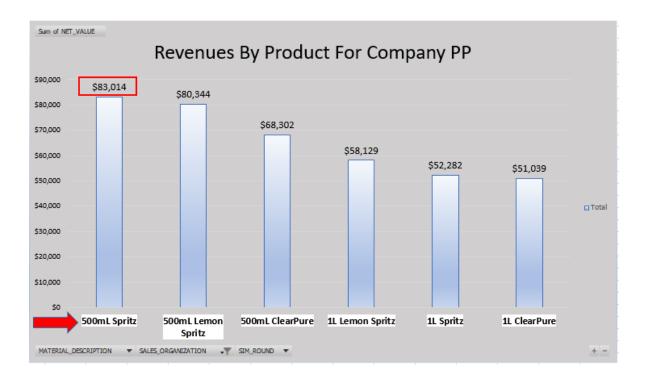
This graph represents the revenue generated by Company NN during Rounds 1, 2, & 3 of the simulation. The trend line for Company NN shows an increase in revenue.



Figure 11 - Revenue Trendline for Company RR

This graph represents the revenue generated by Company RR during Rounds 1, 2, & 3 of the simulation. The trend line for Company RR shows a decrease in revenue.

Company PP's highest selling product was 500 mL Spritz as shown in the figure below.



#### Figure 12 - Revenue By Product For Company PP

This graph displays the amount of revenue generated by each product for Company PP.

Company PP's highest selling product was not the highest overall selling product for all competitors. The highest revenue generating product was the 500mL ClearPure which had revenues of \$956,994 as shown by the figure below:

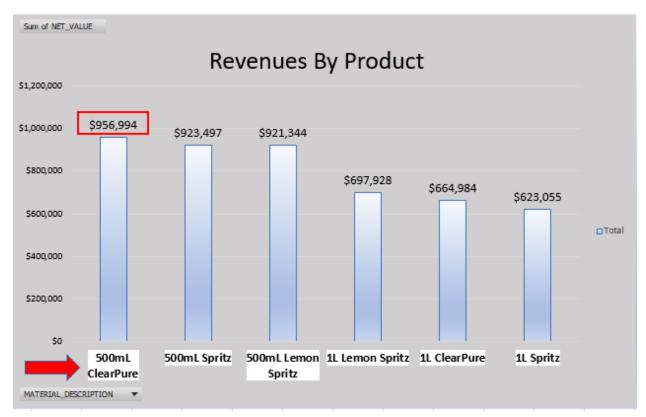


Figure 13 - Revenue By Product For All Companies

Comparison of each product and the revenue that the product generated. Product 500mL ClearPure (far left) had the highest revenue of any product.

As shown in the data, it is important to understand what products are selling quickly and what products are selling slowly. Company PP aimed to increase prices for the most

popular products to maximize revenues and gross margins. When products lost popularity, Company PP would lower prices to maintain consistent sales and remove excess inventory.

Company PP had to set prices for all products and consistently watch how sales performed, and watch the competition's prices during the 20 day sales periods. Shown below is a table displaying the average prices paid by customers for each product.

Pricing & Market Share Analysis

## Average Price Paid Per Company

| Product            | MM    | NN    | 00    | PP    | QQ    | RR    |
|--------------------|-------|-------|-------|-------|-------|-------|
| 1L ClearPure       | 16.04 | 16.58 | 15.84 | 15.94 | 14.72 | 16.53 |
| 1L Lemon Spritz    | 19.55 | 18.90 | 19.31 | 19.29 | 17.46 | 19.78 |
| 1L Spritz          | 17.42 | 17.57 | 17.63 | 17.25 | 15.66 | 17.89 |
| 500mL ClearPure    | 21.22 | 20.60 | 20.10 | 19.54 | 19.35 | 20.62 |
| 500mL Lemon Spritz | 25.01 | 23.03 | 25.02 | 23.98 | 21.03 | 24.00 |
| 500mL Spritz       | 23.37 | 21.38 | 22.54 | 22.36 | 19.61 | 22.21 |

Figure 14 - Average Price Paid Per Company

This heat map shows the average price paid for various products per company. The background color diverges from green for a low range value, to yellow for a mid range value, and to red for a high range value.



Figure 15 - Market Share by Product

This stacked column chart displays the market share of each team by product.

Figures 14 and 15 show that Company PP had the second highest market share of all companies, but were not charging the highest prices for our products. It further shows that Company PP did not execute its intended strategy and needed to charge higher prices. For comparison, the winning company (Company MM) charged higher prices for most products.

In the following paragraphs and figures, the prices for all companies are further compared.

#### Most Expensive Beverages

| SALES_ORGANIZATION | 1L ClearPure | 1L Lemon Spritz | 1L Spritz | 500mL ClearPure | 500mL Lemon Spritz | 500mL Spritz |
|--------------------|--------------|-----------------|-----------|-----------------|--------------------|--------------|
| MM                 | 18.99        | 20.99           | 20.99     | 25.99           | 26,99              | 24.99        |
| NN                 | 23.00        | 22.99           | 20.99     | 23.00           | 26.99              | 24.45        |
| 00                 | 16.45        | 20.50           | 18.50     | 20.50           | 26.50              | 22.99        |
| PP                 | 18.99        | 20.99           | 19.20     | 21.30           | 26.99              | 25.99        |
| QQ                 | 17.99        | 20.99           | 19.99     | 22.99           | 26.99              | 26.99        |
| RR                 | 20.99        | 26,99           | 22.00     | 21.99           | 26,99              | 24.00        |

**Figure 16 - Most Expensive Product** 

This heat map displays the most expensive beverages of all teams. The background color diverges from green for a low range value, to yellow for a mid range value, and to red for a high range value.

The data shows that Company PP generally charged lower prices for products. Our prices on the heat map show that we charged lower prices than the winning team (Team QQ). Based on the data, all of the teams' highest priced beverages was the 500mL Lemon Spritz at \$26.99. Team QQ also sold 500mL Spritz at \$26.99. Finally, team RR also sold the 1L Lemon Spritz at \$26.99. Team QQ sold the most products overall, and further observation shows that 500ML ClearPure was the most sold item with a total of 4.48K as shown in the figure below.

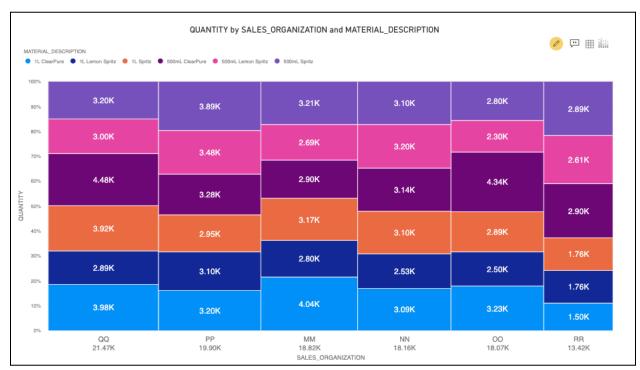


Figure 17 - Quantity by Sales\_Organizations and Material\_Description

The above graph represents the sum of quantity based on organisations and material description. As we can see the x-axis is sorted in descending order based on the most quantity and company QQ is at the top, followed by company PP and so on. The colors represent the different materials, for instance light blue represents 1L ClearPure, orange represents 1L Spritz etc, and from the analysis we can say that in the company QQ 500ML ClearPure is the most sold product with the sum of 4.48K quantity.

#### **Marketing Analysis**

Company PP invested significantly more in marketing than its competitors. This most likely contributed to consistent sales, but overall decreased the company's valuation by reducing its profit margin. The marketing expenses for each team are shown below:

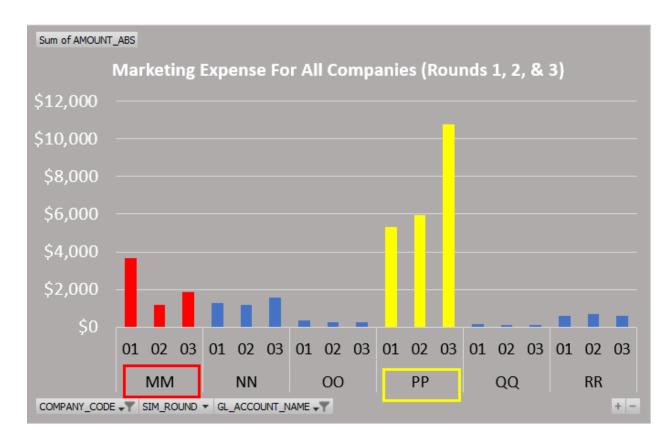


Figure 18 - Marketing Expense By Round For All Companies

This graph shows that Company PP spent more money on marketing expenses than its competitors in every round. The winning Company (MM) is shown in Red. Company PP is shown in Yellow.

The Company invested heavily in marketing with hope that it would increase sales and market share while the Company charged higher prices. Overall, the revenues for Company PP were among the highest as well as the market share. Company PP had revenues of about \$393,000 while Company MM had revenues of roughly \$373,000.



Figure 19 - Scatter plot of Correlation between Price and Revenue

The figure above displays the correlation between price and revenue. The revenue and prices are closely related, and when there is an increase or decrease in price, there is a corresponding increase or decline in revenue. Data for the above figure can be found in the appendix.



Figure 20 - Scatter plot of Correlation between Marketing expense and Revenue

The above graph shows the correlation between marketing expense and revenue. It shows that some Companies are spending more on marketing expenses and some are spending less on marketing expenses. Company PP spent the highest amount on marketing expenses and had second highest revenue and company QQ spent the least amount on marketing expenses and had the highest revenues compared to other companies. From the above graph we can conclude that the marketing expense is not correlated to the total revenue and the correlation is not consistent. Data for the above figure can be found in the appendix.

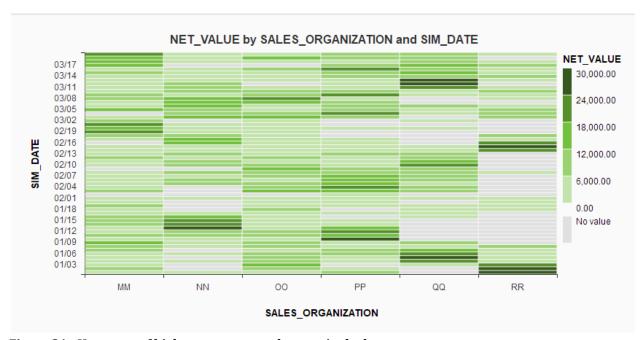


Figure 21 - Heat map of highest revenue made on a single day

This is a heat map which shows the highest sales made by which company on which date. As per the data we see that the highest sales were made by company RR on day 1 and round 1. The 500ML ClearPure product brought the highest revenue on 03/12 at round 3 for the team QQ. The below data represent the values based on the top team with the highest product sold along with the date on which it was sold most.

While Company PP's sales and revenue levels were competitive, the marketing expense consumed a large portion of gross profit as compared to Company MM. Company PP's marketing expenses consumed more than twice as much as Company MM's gross profit margin percentage.

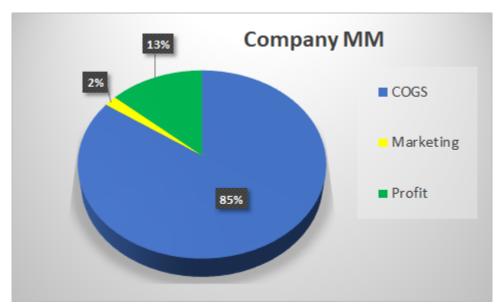


Figure 23 - Pie Chart Displaying Company MM's COGS, Marketing Expense, and Profit %

This figure displays Company MM's Cost of Goods Sold (COGS), Marketing Expense, and Profit percentage. It shows that the marketing percentage was 2% of the gross margin.

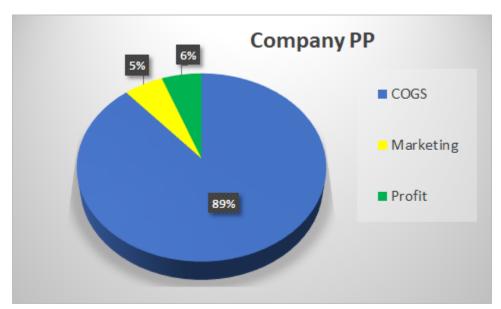


Figure 24 - Pie Chart Displaying Company PP's COGS, Marketing Expense, and Profit %

This figure displays Company PP's Cost of Goods Sold (COGS), Marketing Expense, and Profit percentage. It shows that the marketing percentage was 5% of the gross margin.

#### Materials Management Analysis

Company PP had to track inventory to avoid running out of stock. Each sales period was subject to different rules and restraints. For instance, In round 3 there is no limit on how much each company could order the inventory. The Company had to check the inventory report to know how much stock was left of each product.

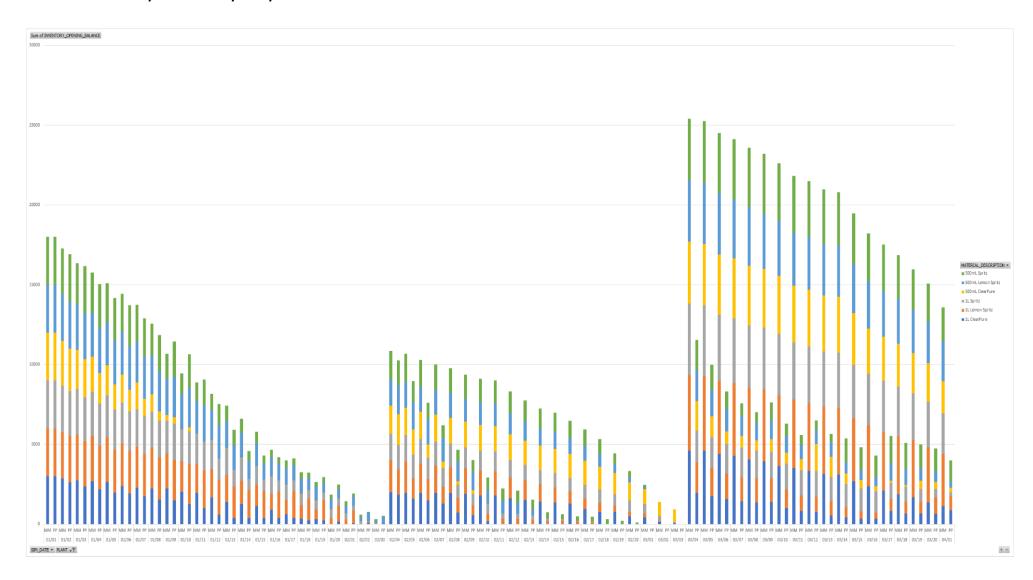
Company PP ran out of inventory for a few different products on different days. The table below shows the number of days the Company was out of stock and for which products.

| Material Description | Number of days products were out of stock (Days) |
|----------------------|--|
| 1L ClearPure         | 03   |
| 1L Lemon Spritz      | 04   |
| 1L Spritz            | 05   |
| 500mL ClearPure      | 14   |
| 500mL Lemon Spritz   | 04   |
| 500mL Spritz         | 09   |
| Total                | 116  |

Figure 25 - Out of Stock Products

The table above shows products that were out of stock, and the number of days those products were out of stock.

## Inventory Levels by Day



#### Figure 26 - Inventory Levels by Day

The graph above shows inventory levels by day for each product for the winning company MM and our company PP. Overall our inventory levels were lower than the winning company's inventory levels. \*\* See Appendix section for list/table of data

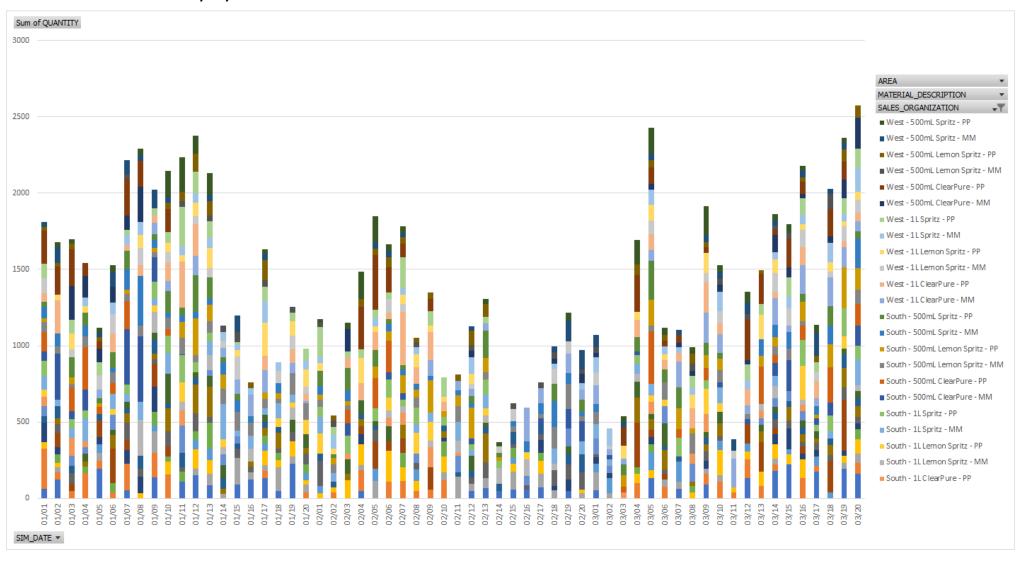


**Figure 27 - Inventory Out of Stock Total** 

The graph above represents the out-of-stock calculation for a product or more for all three rounds with comparison to the winning team MM.

Being out of stock was a disadvantage to competitors, because that allowed competitors to sell products while the Company was out of stock. That results in lost profits.

### Sales Quantity by Product and Area



#### Figure 28 - Sales Quantity by Product and Area

The stacked bar chart above displays the sales quantity for each product in different areas (NO, SO, and West) in our company (PP) and the winning company (WW).

Each product had different sales values in different regions. 500ml spritz had the highest sales in the north region, 500ml lemon spritz had the highest sales in the south region and 500ml clearPure had the highest sales in the west region. With the figure shown below, one can see the daily sales quantity and value amount for each product in different areas of the north, south and west region of Company PP.

|                 | Column Labels     |     |                |                 |     |                |                 |    |                |                 |    |                    |
|-----------------|-------------------|-----|----------------|-----------------|-----|----------------|-----------------|----|----------------|-----------------|----|--------------------|
|                 | 1-Jan             |     |                | 2-Jan           |     |                | 3-Jan           |    |                | 4-Jan           |    | 5-Jan              |
| Row Labels      | ■ Sum of QUANTITY | Sur | m of NET_PRICE | Sum of QUANTITY | Sur | m of NET_PRICE | Sum of QUANTITY | Su | m of NET_PRICE | Sum of QUANTITY | Su | m of NET_PRICE Sum |
| North           | 540               | \$  | 184.90         | 606             | \$  | 292.86         | 216             | \$ | 112.95         | 293             | \$ | 114.94             |
| 1L ClearPure    | 327               | \$  | 80.95          | 171             | \$  | 47.97          | 48              | \$ | 16.99          | 169             | \$ | 47.97              |
| MM              | 65                | \$  | 15.99          | 122             | \$  | 31.98          |                 |    |                |                 |    |                    |
| Jan             | 65                | \$  | 15.99          | 122             | \$  | 31.98          |                 |    |                |                 |    |                    |
| Feb             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| Mar             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| PP              | 262               | \$  | 64.96          | 49              | \$  | 15.99          | 48              | \$ | 16.99          | 169             | \$ | 47.97              |
| Jan             | 262               | \$  | 64.96          | 49              | \$  | 15.99          | 48              | \$ | 16.99          | 169             | \$ | 47.97              |
| Feb             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| Mar             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| 1L Lemon Spritz | 44                | \$  | 20.99          | 63              | \$  | 40.98          |                 |    |                |                 |    |                    |
| MM              |                   |     |                | 34              | \$  | 19.99          |                 |    |                |                 |    |                    |
| Jan             |                   |     |                | 34              | \$  | 19.99          |                 |    |                |                 |    |                    |
| Feb             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| Mar             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| PP              | 44                | \$  | 20.99          | 29              | \$  | 20.99          |                 |    |                |                 |    |                    |
| Jan             | 44                | \$  | 20.99          | 29              | \$  | 20.99          |                 |    |                |                 |    |                    |
| Feb             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| Mar             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| 1L Spritz       |                   |     |                | 53              | \$  | 18.99          |                 |    |                | 41              | \$ | 17.99              |
| MM              |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| Jan             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| Feb             |                   |     |                |                 |     |                |                 |    |                |                 |    |                    |
| PP              |                   |     |                | 53              | \$  | 18.99          |                 |    |                | 41              | \$ | 17.99              |
| lan             |                   |     |                | 53              | Ś   | 18.99          |                 |    |                | 41              | Ś  | 17.99              |

Figure 29 - Daily Sale Values and Quantity Table

This table displays daily sales quantity and price per day for each product in different areas.

The Company frequently changed the price of the product based on its sales revenue generated. The daily price changes for each product of Company PP and the winning company is shown in the figure below.

| Sum of NET_PRICE | Column Labels | *      |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
|------------------|---------------|--------|------|--------|-------|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|----|
| Row Labels       | ₹ 1-Jan       |        | 2-Ja | n      | 3-Jai | n      | 4-Ja | n      | 5-Ja | n      | 6-Ja | n      | 7-Jan |        | 8-Jan |        | 9-Jan |        | 10-Ja | ın |
| North            | \$            | 184.90 | \$   | 292.86 | \$    | 112.95 | \$   | 114.94 | \$   | 203.89 | \$   | 239.89 | \$    | 322.35 | \$    | 157.93 | \$    | 500.75 | \$    | 45 |
| 1L ClearPure     | \$            | 80.95  | \$   | 47.97  | \$    | 16.99  | \$   | 47.97  | \$   | 80.95  | \$   | 15.99  | \$    | 63.96  |       |        | \$    | 96.94  | \$    | 4  |
| MM               | \$            | 15.99  | \$   | 31.98  |       |        |      |        | \$   | 63.96  |      |        | \$    | 15.99  |       |        | \$    | 48.97  |       |    |
| Jan              | \$            | 15.99  | \$   | 31.98  |       |        |      |        | \$   | 63.96  |      |        | \$    | 15.99  |       |        | \$    | 48.97  |       |    |
| Feb              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| Mar              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| PP               | \$            | 64.96  | \$   | 15.99  | \$    | 16.99  | \$   | 47.97  | \$   | 16.99  | \$   | 15.99  | \$    | 47.97  |       |        | \$    | 47.97  | \$    | 4  |
| Jan              | \$            | 64.96  | \$   | 15.99  | \$    | 16.99  | \$   | 47.97  | \$   | 16.99  | \$   | 15.99  | \$    | 47.97  |       |        | \$    | 47.97  | \$    | 4  |
| Feb              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| Mar              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| 1L Lemon Spritz  | \$            | 20.99  | \$   | 40.98  |       |        |      |        | \$   | 19.99  |      |        |       |        | \$    | 19.99  | \$    | 56.97  | \$    | 4  |
| MM               |               |        | \$   | 19.99  |       |        |      |        | \$   | 19.99  |      |        |       |        |       |        | \$    | 56.97  |       |    |
| Jan              |               |        | \$   | 19.99  |       |        |      |        | \$   | 19.99  |      |        |       |        |       |        | \$    | 56.97  |       |    |
| Feb              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| Mar              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| PP               | \$            | 20.99  | \$   | 20.99  |       |        |      |        |      |        |      |        |       |        | \$    | 19.99  |       |        | \$    | 4  |
| Jan              | \$            | 20.99  | \$   | 20.99  |       |        |      |        |      |        |      |        |       |        | \$    | 19.99  |       |        | \$    | 4  |
| Feb              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| Mar              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| 1L Spritz        |               |        | \$   | 18.99  |       |        | \$   | 17.99  | \$   | 17.99  | \$   | 17.99  |       |        |       |        | \$    | 53.97  | \$    | 1  |
| ММ               |               |        |      |        |       |        |      |        | \$   | 17.99  |      |        |       |        |       |        | \$    | 17.99  |       |    |
| Jan              |               |        |      |        |       |        |      |        | \$   | 17.99  |      |        |       |        |       |        | \$    | 17.99  |       |    |
| Feb              |               |        |      |        |       |        |      |        |      |        |      |        |       |        |       |        |       |        |       |    |
| DD               |               |        | ¢    | 18 99  |       |        | ¢    | 17 99  |      |        | Ś    | 17 99  |       |        |       |        | ¢     | 35 98  | \$    | 1  |

Figure 30 - Daily Price Changes for Each Product

This table displays the daily price changes for each product for the winning company (MM) and company PP.

Each product sold differently in different regions. In the north 500ml spritz had the highest sales, in south 500ml lemon spritz had the highest sales and in the west 500ml clearPure had the highest sales as shown in the figure below.

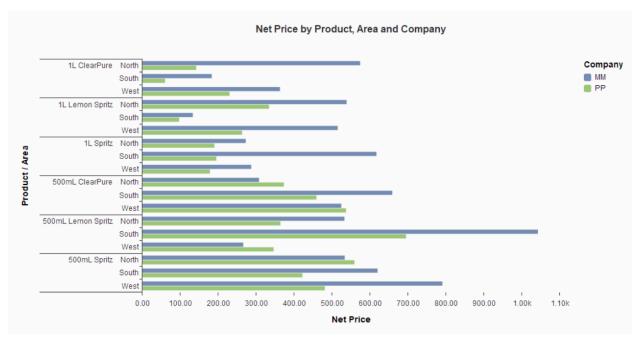


Figure 31 - Column graph that shows the details of the products sold in different regions.

The graph above shows that 500ml spritz had the highest sales in the North region, 500ml lemon spritz had the highest sales in the South region and 500ml clearPure had the highest sales in the West region.

Company PP had the fifth highest valuation. The Company spent the highest amount on marketing. Company PP spent around \$22,000 on our marketing, which is significantly more than company MM, which only spent only \$6,740 on their marketing expenses and has a similar gross profit margin. The revenue we generated was majorly spent on marketing which reduced the overall profit of the company.

Company PP will make significant cuts to the marketing campaign. The Company's strategy was otherwise successful, but it needs to improve its net profit margins which are low due to marketing expenses.

Company Valuation = [(Current Profit/Number of Rounds Played)\*12] / [Market Risk Rate + Company Risk Rate]

Current Profit = \$6,466.21

Number of Rounds Played = 3

Market Risk Rate = 6%

Company Risk Rate = 5.94%

= [(22,308/3)\*12]/[6% + 5..94%]

= \$223,076.50

Team MM had relatively similar profit results as team PP. Revenues and expenses were within 20,000 of each other. However, Team MM only spent \$6,740 on marketing expenses while team PP spent over \$22,000 on marketing expenses.

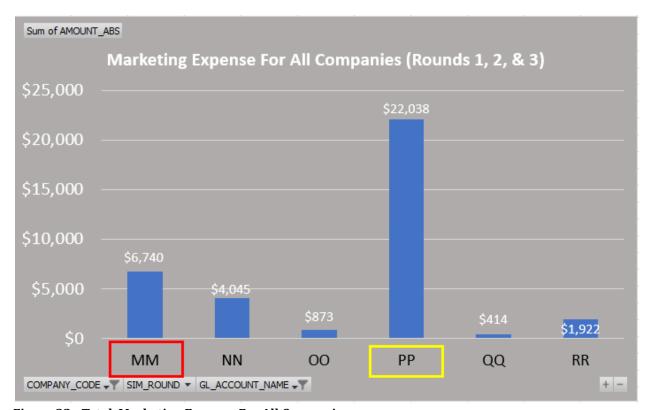


Figure 32 - Total Marketing Expense For All Companies

The graph above shows that Company MM only spent \$6,740 on marketing expenses and Company PP spent \$22,038 on marketing expenses.

#### **Future Strategy Changes**

Company PP has to reduce its marketing expenses. The Company spent around \$22,000 on marketing, which is significantly more than company MM, which has spent only \$6,740 on their marketing expenses and has a similar profit margin. Along with that, the Company would benefit from more competitive pricing. There were times when Company PP was charging noticeably higher or lower prices than the competition which should be avoided if possible. Overall, the Company should not lose money when it makes sales in order to maintain an adequate profit margin.

The Company could improve on managing its inventory, as there were several products out of stock over the Sales Period. For example, the 500 mL ClearPure product was out of stock for 14 days.

Based on our calculation, our inventory was out-of-stock for 116 days which is way higher compared to the winning team MM. The Company has to maintain its inventory and avoid going out of stock. One way to prevent running out of stock is to place the purchase order ahead of time.

From a team collaboration perspective, our team should have met often to check in on progress and help each other understand their roles and responsibilities using teams or zoom meetings. There were miscommunications which led to confusion about the team strategy.

#### Conclusion

Company PP secured fifth position in the game. The Company made the second highest revenue. The total revenue of company PP is \$393,109.65 which is \$14420.63 less than the company QQ which made the highest revenue of \$407,530.28. Company PP invested about \$22,000 (5% of gross margin) on marketing expenses which is significantly more than company MM, which only spent only \$6,740 on marketing expenses and had a similar gross profit margin. The revenue company PP generated was majorly spent on marketing which reduced the overall profit of the company.

The executive data analytics simulation helped our group gain valuable technical and analytical skills. ERP software is a tool that centralizes a company's database of information, automates routine tasks, and simplifies business processes. In addition, ERP provides complete visibility into core business processes, helps in scaling of operations, reducing cost, and improving control over business and decision making.

As a team, it was extremely important to effectively communicate and collaborate. Our team used a variety of communication tools for instant messaging & communication as well as virtual calls to discuss various items in depth. We learned new visualization techniques such as Heat maps and Marimekko charts. We used tools such as MS Excel and Power BI to create the charts and graphs. Graphs and charts helped us visualize and understand how the real time data is used to build strategies and make business decisions.

The first part of the project was heavily focused upon understanding & navigating SAP 4 HANA, generating reports to analyze our company and compete in 20 day simulation periods. The second part of the project involved analyzing initial mistakes and learning how to plan resources. The third part of the project involved competing against other groups in a final competition, with the intent to generate data for further analysis. The results obtained were analyzed to understand how to improve our overall strategy - how to adjust marketing costs, product prices, order quantity. Company PP would benefit from reducing the marketing expenses and increasing team collaboration to address pricing strategies and inventory management.

# Appendix

## Data for Figure 19

| Row Labels         | Sum of Quantity | Sum of Net_Price | Sum of Net_Value |
|--------------------|-----------------|------------------|------------------|
| Round 1 Total      | 98226           | 46366.24         | 1965955.74       |
| 1L Clear Pure      | 17202           | 5171.4           | 277278.3         |
| 1L Lemon Spritz    | 14770           | 6306.18          | 284803.78        |
| 1L Spritz          | 15560           | 5368.4           | 268935.6         |
| 500mL Clear Pure   | 17974           | 8481.97          | 363155.76        |
| 500mL Lemon Spritz | 15472           | 11022.2          | 384418.62        |
| 500mL Spritz       | 17248           | 10016.09         | 387363.68        |
| Round 2 Total      | 64097           | 28926.46         | 1254837.55       |
| 1L Clear Pure      | 9656            | 2834.19          | 154680.25        |
| 1L Lemon Spritz    | 10799           | 4467.88          | 203440.24        |
| 1L Spritz          | 9647            | 3222.87          | 162871.98        |
| 500mL Clear Pure   | 11067           | 5479.74          | 229430           |
| 500mL Lemon Spritz | 11059           | 6697.54          | 250768.31        |

| 500mL Spritz       | 11869  | 6224.24   | 253646.77  |
|--------------------|--------|-----------|------------|
| Round 3 Total      | 84617  | 34127.25  | 1567010.11 |
| 1L Clear Pure      | 15484  | 4003.58   | 233025.76  |
| 1L Lemon Spritz    | 11457  | 4420.96   | 209684.25  |
| 1L Spritz          | 11741  | 3560.73   | 191247.73  |
| 500mL Clear Pure   | 18776  | 8170.14   | 364408.67  |
| 500mL Lemon Spritz | 13347  | 7150.9    | 286157.12  |
| 500mL Spritz       | 13812  | 6820.94   | 282486.58  |
| Grand Total        | 246940 | 109419.95 | 4787803.4  |

## Data for Figure 20

| Company | Marketing Expense | Total Revenue |
|---------|-------------------|---------------|
| MM      | 1.791             | 376373.19     |
| 00      | 0.245             | 356534.04     |
| NN      | 1.113             | 363507.84     |
| QQ      | 0.102             | 407530.28     |

| PP    | 5.606 | 393109.65  |
|-------|-------|------------|
| RR    | 0.738 | 260518.75  |
| Total | 9.595 | 2157573.75 |

#### Data for Figure 23

#### Daily inventory levels by product and company

| Sum of INVENTORY_OPENING_BAL ANCE | Column<br>Labels |                           |              |                        |                          |                 |
|-----------------------------------|------------------|---------------------------|--------------|------------------------|--------------------------|-----------------|
| Row Labels                        | 1L<br>ClearPure  | 1L<br>Lemo<br>n<br>Spritz | 1L<br>Spritz | 500mL<br>ClearPur<br>e | 500mL<br>Lemon<br>Spritz | 500mL<br>Spritz |
| 01/01                             |                  |                           |              |                        |                          |                 |
| MM                                | 3000             | 3000                      | 3000         | 3000                   | 3000                     | 3000            |
| NN                                | 3000             | 3000                      | 3000         | 3000                   | 3000                     | 3000            |
| 00                                | 3000             | 3000                      | 3000         | 3000                   | 3000                     | 3000            |
| PP                                | 3000             | 3000                      | 3000         | 3000                   | 3000                     | 3000            |
| QQ                                | 2000             | 2000                      | 2000         | 2000                   | 2000                     | 2000            |
| RR                                | 4000             | 4000                      | 4000         | 4000                   | 4000                     | 4000            |
| 01/02                             |                  |                           |              |                        |                          |                 |

| MM    | 2871 | 2898 | 2906 | 2814 | 2932 | 2847 |
|-------|------|------|------|------|------|------|
| NN    | 2843 | 2929 | 3000 | 2765 | 3000 | 2936 |
| 00    | 2774 | 2811 | 2951 | 2639 | 2931 | 3000 |
| PP    | 2619 | 2913 | 2812 | 2657 | 2952 | 2967 |
| QQ    | 1833 | 1886 | 2000 | 1727 | 1920 | 1962 |
| RR    | 3335 | 3641 | 3796 | 3080 | 3609 | 3653 |
| 01/03 |      |      |      |      |      |      |
| MM    | 2749 | 2864 | 2863 | 2463 | 2833 | 2579 |
| NN    | 2667 | 2929 | 2918 | 2566 | 2799 | 2833 |
| 00    | 2592 | 2723 | 2840 | 2374 | 2896 | 2948 |
| PP    | 2353 | 2849 | 2759 | 2378 | 2886 | 2933 |
| QQ    | 1724 | 1795 | 2000 | 1480 | 1920 | 1936 |
| RR    | 2689 | 3520 | 3200 | 2047 | 3302 | 3089 |
| 01/04 |      |      |      |      |      |      |
| MM    | 2685 | 2814 | 2800 | 2188 | 2737 | 2531 |
| NN    | 2667 | 2901 | 2918 | 2566 | 2799 | 2763 |
| 00    | 2438 | 2595 | 2618 | 1765 | 2750 | 2712 |
| PP    | 2188 | 2743 | 2611 | 1937 | 2805 | 2771 |
| QQ    | 1605 | 1675 | 1904 | 1189 | 1802 | 1725 |
| RR    | 2450 | 3167 | 2816 | 1548 | 3055 | 2668 |
| 01/05 |      |      |      |      |      |      |
| MM    | 2644 | 2814 | 2596 | 1912 | 2664 | 2461 |
| NN    | 2600 | 2703 | 2918 | 2345 | 2758 | 2763 |
|       |      |      |      |      |      |      |

| 00    | 2166 | 2504 | 2393 | 739  | 2570 | 2581 |
|-------|------|------|------|------|------|------|
| PP    | 1977 | 2698 | 2519 | 1573 | 2773 | 2636 |
| QQ    | 989  | 1500 | 1904 | 611  | 1673 | 1436 |
| RR    | 2263 | 3104 | 2752 | 1340 | 3031 | 2448 |
| 01/06 |      |      |      |      |      |      |
| MM    | 2396 | 2668 | 2541 | 1772 | 2664 | 2389 |
| NN    | 2600 | 2667 | 2815 | 1790 | 2655 | 2594 |
| 00    | 2076 | 2343 | 2162 | 349  | 2503 | 2366 |
| PP    | 1921 | 2698 | 2436 | 1371 | 2720 | 2573 |
| QQ    | 807  | 1426 | 1685 | 64   | 1647 | 1042 |
| RR    | 2087 | 2823 | 2493 | 717  | 2655 | 2184 |
| 01/07 |      |      |      |      |      |      |
| MM    | 2298 | 2541 | 2364 | 1671 | 2593 | 2268 |
| NN    | 2487 | 2667 | 2815 | 1666 | 2590 | 2553 |
| 00    | 1740 | 2296 | 1987 | 20   | 2310 | 2366 |
| PP    | 1761 | 2660 | 2376 | 1072 | 2630 | 2388 |
| QQ    | 415  | 1058 | 1408 | 0    | 1512 | 775  |
| RR    | 1749 | 2685 | 2351 | 238  | 2522 | 2083 |
| 01/08 |      |      |      |      |      |      |
| MM    | 2243 | 2541 | 2246 | 1124 | 2409 | 2007 |
| NN    | 2089 | 2253 | 2671 | 1615 | 2442 | 2513 |
| 00    | 1554 | 2296 | 1987 | 0    | 2310 | 2220 |
| PP    | 1552 | 2660 | 2280 | 581  | 2537 | 2227 |

| QQ    | 317  | 922  | 1107 | 0    | 1355 | 641  |
|-------|------|------|------|------|------|------|
| RR    | 1488 | 2520 | 2186 | 185  | 2283 | 1953 |
| 01/09 |      |      |      |      |      |      |
| MM    | 2243 | 2188 | 2044 | 354  | 2289 | 1560 |
| NN    | 1871 | 2187 | 2671 | 1373 | 2356 | 2388 |
| 00    | 1405 | 2257 | 1837 | 0    | 2268 | 2094 |
| PP    | 1482 | 2544 | 2280 | 409  | 2537 | 2187 |
| QQ    | 317  | 922  | 955  | 0    | 1180 | 593  |
| RR    | 1157 | 2208 | 1890 | 120  | 1905 | 1786 |
| 01/10 |      |      |      |      |      |      |
| ММ    | 2031 | 1906 | 1963 | 29   | 2230 | 1287 |
| NN    | 1547 | 2146 | 2559 | 1087 | 2279 | 2237 |
| 00    | 1034 | 2035 | 1737 | 0    | 2183 | 1815 |
| PP    | 1276 | 2500 | 2033 | 257  | 2473 | 2108 |
| QQ    | 317  | 871  | 849  | 0    | 942  | 593  |
| RR    | 1088 | 2119 | 1676 | 81   | 1810 | 1644 |
| 01/11 |      |      |      |      |      |      |
| ММ    | 1965 | 1835 | 1826 | 29   | 2055 | 1183 |
| NN    | 1502 | 2026 | 2415 | 785  | 2215 | 2209 |
| 00    | 961  | 1836 | 1525 | 0    | 2007 | 1732 |
| PP    | 998  | 2360 | 1808 | 0    | 2281 | 1609 |
| QQ    | 280  | 836  | 849  | 0    | 900  | 568  |
| RR    | 910  | 2119 | 1570 | 41   | 1588 | 1379 |

| 01/12 |      |      |      |     |      |      |
|-------|------|------|------|-----|------|------|
| MM    | 1675 | 1777 | 1768 | 26  | 1886 | 1045 |
| NN    | 1385 | 1841 | 2317 | 620 | 1768 | 1847 |
| 00    | 628  | 1591 | 1428 | 0   | 1862 | 1592 |
| PP    | 597  | 2191 | 1304 | 0   | 2113 | 1334 |
| QQ    | 229  | 836  | 849  | 0   | 900  | 568  |
| RR    | 820  | 2024 | 1509 | 0   | 1588 | 1268 |
| 01/13 |      |      |      |     |      |      |
| MM    | 1396 | 1680 | 1644 | 26  | 1725 | 958  |
| NN    | 1273 | 1627 | 2058 | 446 | 1560 | 1576 |
| 00    | 528  | 1501 | 1365 | 0   | 1862 | 1295 |
| PP    | 388  | 1979 | 1037 | 0   | 1569 | 938  |
| QQ    | 229  | 836  | 849  | 0   | 900  | 568  |
| RR    | 776  | 1972 | 1411 | 0   | 1461 | 1203 |
| 01/14 |      |      |      |     |      |      |
| MM    | 1271 | 1452 | 1411 | 26  | 1579 | 877  |
| NN    | 974  | 1485 | 1613 | 155 | 1274 | 1286 |
| 00    | 511  | 1430 | 1253 | 0   | 1780 | 1178 |
| PP    | 388  | 1754 | 699  | 0   | 1167 | 587  |
| QQ    | 229  | 836  | 849  | 0   | 869  | 568  |
| RR    | 732  | 1932 | 1376 | 0   | 1290 | 839  |
| 01/15 |      |      |      |     |      |      |
| ММ    | 1139 | 1329 | 1119 | 26  | 1440 | 725  |

| NN    | 654 | 1347 | 1460 | 57 | 982  | 1044 |
|-------|-----|------|------|----|------|------|
| 00    | 117 | 1137 | 1196 | 0  | 1675 | 1049 |
| PP    | 388 | 1702 | 699  | 0  | 1042 | 470  |
| QQ    | 88  | 780  | 667  | 0  | 743  | 496  |
| RR    | 732 | 1884 | 1283 | 0  | 1190 | 728  |
| 01/16 |     |      |      |    |      |      |
| ММ    | 903 | 1011 | 1036 | 26 | 1194 | 506  |
| NN    | 309 | 1274 | 1184 | 0  | 786  | 847  |
| 00    | 0   | 1025 | 1010 | 0  | 1630 | 752  |
| PP    | 388 | 1660 | 687  | 0  | 1040 | 429  |
| QQ    | 48  | 732  | 525  | 0  | 573  | 102  |
| RR    | 732 | 1799 | 1153 | 0  | 1111 | 728  |
| 01/17 |     |      |      |    |      |      |
| MM    | 635 | 876  | 913  | 26 | 1074 | 464  |
| NN    | 109 | 1064 | 1054 | 0  | 632  | 694  |
| 00    | 0   | 994  | 939  | 0  | 1470 | 599  |
| PP    | 388 | 1660 | 687  | 0  | 970  | 429  |
| QQ    | 0   | 288  | 114  | 0  | 210  | 0    |
| RR    | 732 | 1578 | 937  | 0  | 1011 | 416  |
| 01/18 |     |      |      |    |      |      |
| MM    | 355 | 838  | 680  | 26 | 971  | 384  |
| NN    | 53  | 983  | 1054 | 0  | 475  | 607  |
| 00    | 0   | 946  | 939  | 0  | 1293 | 416  |

| PP    | 244 | 1351 | 539 | 0  | 746  | 355 |
|-------|-----|------|-----|----|------|-----|
| QQ    | 0   | 161  | 45  | 0  | 90   | 0   |
| RR    | 732 | 1468 | 865 | 0  | 1011 | 347 |
| 01/19 |     |      |     |    |      |     |
| MM    | 306 | 604  | 521 | 26 | 911  | 282 |
| NN    | 0   | 983  | 948 | 0  | 429  | 522 |
| 00    | 0   | 809  | 762 | 0  | 852  | 287 |
| PP    | 244 | 1248 | 495 | 0  | 604  | 355 |
| QQ    | 0   | 12   | 10  | 0  | 24   | 0   |
| RR    | 732 | 1023 | 660 | 0  | 927  | 173 |
| 01/20 |     |      |     |    |      |     |
| ММ    | 17  | 383  | 472 | 26 | 671  | 282 |
| NN    | 0   | 957  | 948 | 0  | 365  | 492 |
| 00    | 0   | 712  | 516 | 0  | 637  | 81  |
| PP    | 154 | 1020 | 438 | 0  | 604  | 274 |
| QQ    | 0   | 12   | 10  | 0  | 0    | 0   |
| RR    | 732 | 983  | 559 | 0  | 828  | 17  |
| 02/01 |     |      |     |    |      |     |
| MM    | 0   | 287  | 359 | 26 | 490  | 282 |
| NN    | 0   | 917  | 780 | 0  | 296  | 279 |
| 00    | 0   | 651  | 464 | 0  | 374  | 0   |
| PP    | 66  | 785  | 312 | 0  | 567  | 187 |
| QQ    | 0   | 12   | 10  | 0  | 0    | 0   |

| RR    | 732  | 578  | 515  | 0    | 801  | 4    |
|-------|------|------|------|------|------|------|
| 02/02 |      |      |      |      |      |      |
| MM    | 0    | 0    | 146  | 26   | 249  | 176  |
| NN    | 0    | 0    | 223  | 0    | 0    | 0    |
| 00    | 0    | 0    | 0    | 0    | 147  | 0    |
| PP    | 66   | 71   | 51   | 0    | 534  | 67   |
| QQ    | 0    | 0    | 0    | 0    | 0    | 0    |
| RR    | 732  | 0    | 497  | 0    | 729  | 4    |
| 02/03 |      |      |      |      |      |      |
| ММ    | 0    | 0    | 0    | 26   | 152  | 139  |
| NN    | 0    | 0    | 223  | 0    | 0    | 0    |
| 00    | 0    | 0    | 0    | 0    | 112  | 0    |
| PP    | 27   | 0    | 0    | 0    | 456  | 42   |
| QQ    | 0    | 0    | 0    | 0    | 0    | 0    |
| RR    | 684  | 0    | 497  | 0    | 729  | 4    |
| 02/04 |      |      |      |      |      |      |
| ММ    | 2000 | 2000 | 1656 | 1778 | 1633 | 1787 |
| NN    | 2000 | 1855 | 2000 | 1944 | 1960 | 1658 |
| 00    | 1946 | 1844 | 1670 | 1854 | 1808 | 2000 |
| PP    | 1849 | 1591 | 1532 | 1910 | 1817 | 1573 |
| QQ    | 1869 | 1464 | 1329 | 1806 | 997  | 1548 |
| RR    | 989  | 1000 | 1000 | 1000 | 1242 | 1000 |
| 02/05 |      |      |      |      |      |      |

| ММ    | 1952 | 1966 | 1656 | 1714 | 1633 | 1756 |
|-------|------|------|------|------|------|------|
| NN    | 1948 | 1805 | 1954 | 1796 | 1757 | 1244 |
| 00    | 1946 | 1844 | 1527 | 1456 | 1808 | 1936 |
| PP    | 1600 | 1286 | 1477 | 1576 | 1723 | 1302 |
| QQ    | 1760 | 1018 | 897  | 1464 | 767  | 1299 |
| RR    | 989  | 1000 | 1000 | 1000 | 1242 | 1000 |
| 02/06 |      |      |      |      |      |      |
| MM    | 1952 | 1852 | 1521 | 1714 | 1562 | 1691 |
| NN    | 1823 | 1763 | 1913 | 1574 | 1610 | 918  |
| 00    | 1835 | 1794 | 1471 | 1162 | 1808 | 1878 |
| PP    | 1482 | 1338 | 1334 | 841  | 1604 | 993  |
| QQ    | 1663 | 942  | 850  | 1254 | 737  | 970  |
| RR    | 989  | 1000 | 1000 | 1000 | 1242 | 1000 |
| 02/07 |      |      |      |      |      |      |
| ММ    | 1952 | 1710 | 1521 | 1668 | 1562 | 1605 |
| NN    | 1719 | 1763 | 1913 | 1270 | 1206 | 918  |
| 00    | 1767 | 1741 | 1259 | 925  | 1737 | 1678 |
| PP    | 1277 | 1054 | 1170 | 411  | 1471 | 819  |
| QQ    | 1365 | 849  | 743  | 1170 | 668  | 897  |
| RR    | 989  | 881  | 1000 | 1000 | 1242 | 1000 |
| 02/08 |      |      |      |      |      |      |
| ММ    | 1952 | 1616 | 1478 | 1624 | 1562 | 1542 |
| NN    | 1662 | 1627 | 1879 | 1153 | 1098 | 837  |
|       |      |      |      |      |      |      |

| 00    | 1538 | 1696 | 1150 | 251  | 1737 | 1372 |
|-------|------|------|------|------|------|------|
| PP    | 738  | 901  | 833  | 227  | 1216 | 748  |
| QQ    | 1315 | 791  | 638  | 1051 | 640  | 813  |
| RR    | 989  | 881  | 1000 | 1000 | 1242 | 1000 |
| 02/09 |      |      |      |      |      |      |
| MM    | 1893 | 1616 | 1303 | 1624 | 1418 | 1508 |
| NN    | 1492 | 1402 | 1802 | 376  | 925  | 687  |
| 00    | 1288 | 1648 | 1084 | 183  | 1669 | 1177 |
| PP    | 577  | 612  | 723  | 227  | 1137 | 748  |
| QQ    | 1281 | 749  | 547  | 1003 | 541  | 780  |
| RR    | 989  | 881  | 967  | 969  | 1185 | 918  |
| 02/10 |      |      |      |      |      |      |
| MM    | 1790 | 1571 | 1241 | 1624 | 1418 | 1480 |
| NN    | 1451 | 1195 | 1802 | 356  | 925  | 687  |
| 00    | 838  | 1499 | 1039 | 0    | 1522 | 896  |
| PP    | 202  | 454  | 628  | 0    | 882  | 748  |
| QQ    | 1281 | 630  | 547  | 920  | 503  | 634  |
| RR    | 989  | 881  | 967  | 924  | 1185 | 871  |
| 02/11 |      |      |      |      |      |      |
| ММ    | 1790 | 1520 | 1241 | 1601 | 1418 | 1442 |
| NN    | 1451 | 1141 | 1669 | 228  | 808  | 687  |
| 00    | 743  | 1440 | 949  | 0    | 1325 | 625  |
| PP    | 19   | 320  | 341  | 0    | 804  | 748  |

| QQ    | 1233 | 496  | 401  | 848  | 372  | 220  |
|-------|------|------|------|------|------|------|
| RR    | 989  | 881  | 967  | 690  | 1153 | 737  |
| 02/12 |      |      |      |      |      |      |
| ММ    | 1619 | 1299 | 1117 | 1601 | 1312 | 1381 |
| NN    | 1363 | 897  | 1518 | 134  | 775  | 628  |
| 00    | 549  | 1440 | 813  | 0    | 1255 | 373  |
| PP    | 0    | 320  | 341  | 0    | 692  | 748  |
| QQ    | 911  | 398  | 302  | 655  | 249  | 11   |
| RR    | 1952 | 1843 | 1967 | 1555 | 1867 | 1651 |
| 02/13 |      |      |      |      |      |      |
| ММ    | 1521 | 1221 | 973  | 1518 | 1229 | 1288 |
| NN    | 1209 | 897  | 1420 | 134  | 775  | 581  |
| 00    | 473  | 1280 | 611  | 0    | 1151 | 281  |
| PP    | 0    | 256  | 304  | 0    | 390  | 604  |
| QQ    | 562  | 319  | 259  | 327  | 157  | 11   |
| RR    | 1952 | 1843 | 1904 | 1506 | 1867 | 1562 |
| 02/14 |      |      |      |      |      |      |
| ММ    | 1406 | 1107 | 885  | 1518 | 1081 | 1247 |
| NN    | 1166 | 754  | 1364 | 77   | 669  | 547  |
| 00    | 353  | 1108 | 498  | 0    | 1073 | 82   |
| PP    | 0    | 207  | 164  | 0    | 21   | 359  |
| QQ    | 239  | 95   | 259  | 243  | 83   | 0    |
| RR    | 1952 | 1843 | 1904 | 1478 | 1867 | 1471 |

| 02/15 |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|
| MM    | 1356 | 960  | 885  | 1518 | 1081 | 1203 |
| NN    | 1005 | 665  | 1364 | 32   | 669  | 511  |
| 00    | 6    | 946  | 432  | 0    | 1038 | 49   |
| PP    | 0    | 207  | 115  | 0    | 0    | 302  |
| QQ    | 167  | 9    | 205  | 166  | 40   | 0    |
| RR    | 1952 | 1843 | 1819 | 1027 | 1359 | 1139 |
| 02/16 |      |      |      |      |      |      |
| MM    | 1298 | 761  | 844  | 1518 | 978  | 1093 |
| NN    | 1005 | 629  | 1327 | 32   | 636  | 421  |
| 00    | 6    | 768  | 316  | 0    | 1003 | 49   |
| PP    | 0    | 155  | 52   | 0    | 0    | 302  |
| QQ    | 0    | 9    | 151  | 0    | 10   | 0    |
| RR    | 1952 | 1805 | 1671 | 631  | 853  | 432  |
| 02/17 |      |      |      |      |      |      |
| MM    | 955  | 657  | 844  | 1518 | 950  | 1021 |
| NN    | 888  | 369  | 1201 | 32   | 533  | 209  |
| 00    | 6    | 724  | 316  | 0    | 870  | 49   |
| PP    | 0    | 107  | 52   | 0    | 0    | 302  |
| QQ    | 0    | 9    | 151  | 0    | 10   | 0    |
| RR    | 1786 | 1576 | 1460 | 44   | 590  | 69   |
| 02/18 |      |      |      |      |      |      |
| ММ    | 783  | 569  | 844  | 1390 | 851  | 886  |

| NN    | 681  | 197  | 1105 | 0    | 405 | 0   |
|-------|------|------|------|------|-----|-----|
| 00    | 0    | 447  | 24   | 0    | 675 | 0   |
| PP    | 0    | 23   | 0    | 0    | 0   | 302 |
| QQ    | 0    | 9    | 151  | 0    | 10  | 0   |
| RR    | 1786 | 1576 | 1460 | 0    | 590 | 0   |
| 02/19 |      |      |      |      |     |     |
| MM    | 783  | 372  | 716  | 1329 | 564 | 681 |
| NN    | 599  | 78   | 1105 | 0    | 106 | 0   |
| 00    | 0    | 364  | 0    | 0    | 606 | 0   |
| PP    | 0    | 23   | 0    | 0    | 0   | 185 |
| QQ    | 0    | 9    | 151  | 0    | 10  | 0   |
| RR    | 1561 | 1259 | 1129 | 0    | 590 | 0   |
| 02/20 |      |      |      |      |     |     |
| ММ    | 489  | 294  | 716  | 1126 | 304 | 403 |
| NN    | 397  | 0    | 966  | 0    | 0   | 0   |
| 00    | 0    | 53   | 0    | 0    | 518 | 0   |
| PP    | 0    | 23   | 0    | 0    | 0   | 82  |
| QQ    | 0    | 9    | 151  | 0    | 10  | 0   |
| RR    | 1561 | 1193 | 1040 | 0    | 483 | 0   |
| 03/01 |      |      |      |      |     |     |
| ММ    | 426  | 259  | 584  | 933  | 134 | 131 |
| NN    | 357  | 0    | 772  | 0    | 0   | 0   |
| 00    | 0    | 12   | 0    | 0    | 401 | 0   |

| PP    | 0    | 0    | 0    | 0    | 0    | 0    |
|-------|------|------|------|------|------|------|
| QQ    | 0    | 9    | 16   | 0    | 10   | 0    |
| RR    | 1561 | 1052 | 981  | 0    | 424  | 0    |
| 03/02 |      |      |      |      |      |      |
| MM    | 147  | 55   | 332  | 860  | 0    | 0    |
| NN    | 227  | 0    | 738  | 0    | 0    | 0    |
| 00    | 0    | 12   | 0    | 0    | 289  | 0    |
| PP    | 0    | 0    | 0    | 0    | 0    | 0    |
| QQ    | 0    | 9    | 16   | 0    | 10   | 0    |
| RR    | 1508 | 865  | 914  | 0    | 238  | 0    |
| 03/03 |      |      |      |      |      |      |
| ММ    | 64   | 0    | 69   | 801  | 0    | 0    |
| NN    | 161  | 0    | 693  | 0    | 0    | 0    |
| 00    | 0    | 2    | 0    | 0    | 105  | 0    |
| PP    | 0    | 0    | 0    | 0    | 0    | 0    |
| QQ    | 0    | 9    | 0    | 0    | 10   | 0    |
| RR    | 1466 | 736  | 852  | 0    | 98   | 0    |
| 03/04 |      |      |      |      |      |      |
| ММ    | 4602 | 4741 | 4485 | 3868 | 3866 | 3836 |
| NN    | 1017 | 941  | 1393 | 970  | 855  | 955  |
| 00    | 2257 | 1492 | 1957 | 2895 | 1000 | 1917 |
| PP    | 1959 | 1914 | 2000 | 1839 | 1927 | 1893 |
| QQ    | 2414 | 2502 | 2791 | 2218 | 2442 | 2383 |

| RR    | 1466 | 652  | 892  | 769  | 964  | 784  |
|-------|------|------|------|------|------|------|
| 03/05 |      |      |      |      |      |      |
| MM    | 4602 | 4686 | 4421 | 3842 | 3866 | 3836 |
| NN    | 1221 | 1541 | 1280 | 1271 | 1418 | 1555 |
| 00    | 2059 | 1435 | 1957 | 2769 | 1000 | 1828 |
| PP    | 1750 | 1799 | 1900 | 1307 | 1694 | 1533 |
| QQ    | 1985 | 2136 | 2141 | 1967 | 2000 | 2000 |
| RR    | 1408 | 1012 | 852  | 1661 | 998  | 1784 |
| 03/06 |      |      |      |      |      |      |
| MM    | 4398 | 4595 | 4130 | 3757 | 3828 | 3793 |
| NN    | 1221 | 1497 | 1214 | 1191 | 1340 | 1484 |
| 00    | 2001 | 1322 | 1864 | 2241 | 972  | 1761 |
| PP    | 1570 | 1595 | 1848 | 814  | 1403 | 1079 |
| QQ    | 1948 | 2033 | 1984 | 1928 | 2000 | 1943 |
| RR    | 1408 | 1012 | 809  | 1545 | 842  | 1750 |
| 03/07 |      |      |      |      |      |      |
| MM    | 4284 | 4546 | 4075 | 3757 | 3682 | 3768 |
| NN    | 1011 | 1464 | 1065 | 1055 | 1106 | 1402 |
| 00    | 1580 | 945  | 1727 | 1823 | 913  | 1496 |
| PP    | 1433 | 1517 | 1848 | 738  | 1245 | 797  |
| QQ    | 1850 | 2033 | 1939 | 1588 | 2000 | 1943 |
| RR    | 1408 | 977  | 761  | 1545 | 801  | 1673 |
| 03/08 |      |      |      |      |      |      |

| MM    | 4053 | 4502 | 3907 | 3728 | 3682 | 3700 |
|-------|------|------|------|------|------|------|
| NN    | 960  | 1342 | 945  | 953  | 839  | 1349 |
| 00    | 1232 | 661  | 1634 | 1141 | 1040 | 1092 |
| PP    | 1374 | 1517 | 1727 | 628  | 1109 | 660  |
| QQ    | 1850 | 2033 | 1939 | 1588 | 2000 | 1943 |
| RR    | 1369 | 944  | 703  | 1464 | 801  | 1673 |
| 03/09 |      |      |      |      |      |      |
| MM    | 3936 | 4502 | 3863 | 3695 | 3504 | 3700 |
| NN    | 606  | 917  | 754  | 284  | 478  | 540  |
| 00    | 1131 | 511  | 1330 | 758  | 1001 | 973  |
| PP    | 1381 | 1486 | 1658 | 814  | 1205 | 1087 |
| QQ    | 1850 | 2033 | 1939 | 1588 | 2000 | 1943 |
| RR    | 1369 | 944  | 703  | 1409 | 758  | 1673 |
| 03/10 |      |      |      |      |      |      |
| MM    | 3645 | 4408 | 3863 | 3644 | 3443 | 3614 |
| NN    | 358  | 917  | 721  | 284  | 190  | 540  |
| 00    | 793  | 324  | 1262 | 407  | 1001 | 915  |
| PP    | 999  | 1190 | 1602 | 693  | 1040 | 776  |
| QQ    | 1805 | 1986 | 1939 | 1588 | 2000 | 1893 |
| RR    | 1369 | 831  | 657  | 1082 | 694  | 1602 |
| 03/11 |      |      |      |      |      |      |
| MM    | 3524 | 4283 | 3569 | 3562 | 3300 | 3574 |
| NN    | 358  | 917  | 721  | 284  | 99   | 304  |
|       |      |      |      |      |      |      |

| 00    | 632  | 281  | 1079 | 242  | 888  | 748  |
|-------|------|------|------|------|------|------|
| PP    | 821  | 970  | 1602 | 693  | 874  | 618  |
| QQ    | 1705 | 1895 | 1854 | 1588 | 1969 | 1893 |
| RR    | 1369 | 775  | 657  | 912  | 574  | 1437 |
| 03/12 |      |      |      |      |      |      |
| ММ    | 3334 | 4233 | 3569 | 3562 | 3300 | 3495 |
| NN    | 253  | 862  | 840  | 129  | 99   | 257  |
| 00    | 632  | 229  | 1014 | 156  | 839  | 706  |
| PP    | 782  | 938  | 1602 | 1693 | 874  | 618  |
| QQ    | 1573 | 2202 | 2333 | 1783 | 1769 | 2070 |
| RR    | 1313 | 675  | 657  | 912  | 526  | 1367 |
| 03/13 |      |      |      |      |      |      |
| ММ    | 3144 | 4233 | 3458 | 3498 | 3229 | 3423 |
| NN    | 164  | 768  | 840  | 76   | 6    | 132  |
| 00    | 578  | 229  | 1014 | 156  | 762  | 706  |
| PP    | 551  | 889  | 1501 | 1301 | 874  | 543  |
| QQ    | 938  | 1858 | 1974 | 347  | 1680 | 1649 |
| RR    | 1313 | 675  | 657  | 912  | 526  | 1367 |
| 03/14 |      |      |      |      |      |      |
| ММ    | 3097 | 4192 | 3458 | 3498 | 3229 | 3315 |
| NN    | 619  | 808  | 801  | 576  | 397  | 353  |
| 00    | 578  | 89   | 870  | 115  | 689  | 572  |
| PP    | 419  | 658  | 1432 | 662  | 706  | 1503 |

| QQ    | 839  | 1691 | 1273 | 7    | 1443 | 1567 |
|-------|------|------|------|------|------|------|
| RR    | 1313 | 496  | 657  | 912  | 472  | 1318 |
| 03/15 |      |      |      |      |      |      |
| MM    | 2691 | 3947 | 3347 | 3241 | 3091 | 3162 |
| NN    | 619  | 808  | 691  | 507  | 378  | 321  |
| 00    | 578  | 36   | 825  | 0    | 650  | 531  |
| PP    | 333  | 470  | 1432 | 530  | 643  | 1419 |
| QQ    | 719  | 1625 | 1048 | 7    | 1395 | 1466 |
| RR    | 1313 | 450  | 657  | 679  | 289  | 1111 |
| 03/16 |      |      |      |      |      |      |
| MM    | 2358 | 3832 | 3239 | 2829 | 2931 | 3019 |
| NN    | 534  | 808  | 691  | 330  | 303  | 321  |
| 00    | 1000 | 4    | 757  | 725  | 579  | 383  |
| PP    | 333  | 406  | 1305 | 343  | 552  | 1364 |
| QQ    | 549  | 1526 | 683  | 0    | 1258 | 1328 |
| RR    | 1267 | 450  | 613  | 534  | 289  | 922  |
| 03/17 |      |      |      |      |      |      |
| MM    | 2105 | 3690 | 3178 | 2763 | 2875 | 2926 |
| NN    | 500  | 777  | 691  | 295  | 150  | 74   |
| 00    | 958  | 0    | 707  | 525  | 579  | 302  |
| PP    | 836  | 732  | 1026 | 124  | 1126 | 1698 |
| QQ    | 470  | 1452 | 599  | 0    | 1122 | 1259 |
| RR    | 1237 | 450  | 613  | 500  | 253  | 882  |

| 03/18 |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|
| MM    | 1882 | 3628 | 3118 | 2679 | 2830 | 2719 |
| NN    | 500  | 777  | 691  | 295  | 150  | 74   |
| 00    | 958  | 0    | 707  | 525  | 579  | 302  |
| PP    | 682  | 732  | 921  | 124  | 1030 | 1599 |
| QQ    | 444  | 1717 | 400  | 159  | 1096 | 1186 |
| RR    | 1237 | 419  | 568  | 350  | 207  | 762  |
| 03/19 |      |      |      |      |      |      |
| MM    | 1692 | 3588 | 2906 | 2550 | 2699 | 2518 |
| NN    | 447  | 543  | 498  | 69   | 32   | 103  |
| 00    | 906  | 0    | 652  | 457  | 538  | 302  |
| PP    | 682  | 716  | 815  | 505  | 815  | 1474 |
| QQ    | 141  | 1388 | 249  | 9    | 1023 | 1168 |
| RR    | 1237 | 331  | 568  | 350  | 171  | 608  |
| 03/20 |      |      |      |      |      |      |
| MM    | 1364 | 3452 | 2861 | 2396 | 2617 | 2381 |
| NN    | 413  | 509  | 415  | 0    | 49   | 26   |
| 00    | 690  | 0    | 598  | 3    | 498  | 264  |
| PP    | 642  | 1038 | 527  | 430  | 686  | 1407 |
| QQ    | 24   | 1154 | 233  | 9    | 992  | 975  |
| RR    | 1237 | 331  | 568  | 310  | 171  | 578  |
| 04/01 |      |      |      |      |      |      |
| ММ    | 1138 | 3272 | 2536 | 2024 | 2484 | 2136 |

| NN | 254  | 465  | 379 | 0   | 5   | 0    |
|----|------|------|-----|-----|-----|------|
| 00 | 690  | 0    | 598 | 0   | 498 | 196  |
| PP | 873  | 895  | 240 | 286 | 392 | 1311 |
| QQ | 24   | 1090 | 49  | 9   | 992 | 800  |
| RR | 1237 | 243  | 568 | 144 | 76  | 463  |

Data for Figure 26

List of quantity and value amount for each product in different areas (NO, SO, and West) in our company and the winning company.

| Sum of QUANTITY | Column<br>Labels |         |
|-----------------|------------------|---------|
| Row Labels      | ММ               | PP      |
| North           |                  |         |
| 1L ClearPure    |                  |         |
| 01/01           | 65               | 26<br>2 |
| 01/02           | 122              | 49      |
| 01/03           |                  | 48      |
| 01/04           |                  | 16<br>9 |
| 01/05           | 193              | 56      |

| 01/06 |     | 40      |
|-------|-----|---------|
| 01/07 | 55  | 17<br>1 |
| 01/09 | 139 | 15<br>8 |
| 01/10 |     | 15<br>8 |
| 01/11 | 112 |         |
| 01/12 | 151 |         |
| 01/13 | 85  |         |
| 01/15 | 93  |         |
| 01/16 | 124 |         |
| 01/17 | 135 | 46      |
| 01/18 | 49  |         |
| 01/19 | 226 |         |
| 01/20 |     | 41      |
| 02/02 |     | 39      |
| 02/04 | 48  | 13<br>6 |
| 02/06 |     | 11<br>2 |
| 02/07 |     | 11<br>4 |
| 02/08 |     | 51      |
| 02/09 |     | 58      |
| 02/10 |     | 12      |

|       |     | 0       |
|-------|-----|---------|
| 02/12 | 51  |         |
| 02/13 | 66  |         |
| 02/14 | 50  |         |
| 02/15 | 58  |         |
| 02/16 | 58  |         |
| 02/17 | 74  |         |
| 02/19 | 47  |         |
| 03/01 | 53  |         |
| 03/04 |     | 99      |
| 03/05 | 132 |         |
| 03/06 |     | 75      |
| 03/07 | 65  |         |
| 03/09 | 93  | 69      |
| 03/10 |     | 10<br>8 |
| 03/11 |     | 39      |
| 03/12 | 134 | 12<br>3 |
| 03/13 |     | 82      |
| 03/14 | 179 | 45      |
| 03/15 | 224 |         |
| 03/16 |     | 13<br>6 |

| 03/17           | 174 | 40      |
|-----------------|-----|---------|
| 03/19           | 195 |         |
| 03/20           | 163 | 71      |
| 1L Lemon Spritz |     |         |
| 01/01           |     | 44      |
| 01/02           | 34  | 29      |
| 01/05           | 50  |         |
| 01/08           |     | 33      |
| 01/09           | 144 |         |
| 01/10           |     | 82      |
| 01/12           | 45  | 12<br>4 |
| 01/13           | 76  | 92      |
| 01/14           | 32  |         |
| 01/15           | 171 |         |
| 01/16           | 47  |         |
| 01/17           | 38  | 92      |
| 01/18           | 156 | 48      |
| 01/19           | 49  | 99      |
| 01/20           | 49  | 29      |
| 02/01           |     | 33      |
| 02/02           |     | 34      |
| 02/03           |     | 12<br>0 |

| 02/04 | 34  | 13<br>9 |
|-------|-----|---------|
| 02/05 | 114 |         |
| 02/06 |     | 20<br>3 |
| 02/07 |     | 92      |
| 02/08 |     | 65      |
| 02/10 | 51  | 10<br>3 |
| 02/11 | 144 |         |
| 02/12 | 43  |         |
| 02/13 | 68  |         |
| 02/15 | 116 | 52      |
| 02/17 | 88  | 84      |
| 02/18 | 53  |         |
| 02/20 | 35  | 23      |
| 03/01 | 119 |         |
| 03/02 | 33  |         |
| 03/04 |     | 61      |
| 03/05 |     | 55      |
| 03/06 | 49  |         |
| 03/07 | 44  |         |
| 03/08 |     | 38      |
| 03/09 | 33  |         |

| 03/10     | 46 | 16<br>2 |
|-----------|----|---------|
| 03/11     |    | 32      |
| 03/12     |    | 49      |
| 03/13     |    | 94      |
| 03/14     | 37 | 96      |
| 03/15     |    | 64      |
| 03/16     |    | 12<br>2 |
| 03/19     | 40 | 46      |
| 03/20     | 60 | 92      |
| 1L Spritz |    |         |
| 01/02     |    | 53      |
| 01/04     |    | 41      |
| 01/05     | 55 |         |
| 01/06     |    | 60      |
| 01/09     | 37 | 91      |
| 01/10     |    | 37      |
| 01/11     |    | 66      |
| 01/12     | 64 | 58      |
| 01/13     | 73 | 17<br>2 |
| 01/17     | 51 | 51      |
| 01/18     |    | 44      |

| 01/20           | 48  | 54 |
|-----------------|-----|----|
| 02/01           | 51  |    |
| 02/05           | 82  |    |
| 02/07           |     | 93 |
| 02/08           | 73  |    |
| 02/10           |     | 10 |
|                 |     | 1  |
| 02/15           | 41  | 63 |
| 02/17           |     | 52 |
| 03/01           | 56  |    |
| 03/02           | 103 |    |
| 03/04           |     | 45 |
| 03/05           | 115 | 52 |
| 03/07           | 131 |    |
| 03/08           |     | 44 |
| 03/10           | 64  |    |
| 03/12           | 54  |    |
| 03/15           | 35  |    |
| 03/17           | 60  |    |
| 03/18           | 38  |    |
| 03/20           |     | 70 |
| 500mL ClearPure |     |    |
| 01/01           | 124 |    |
| 01/02           | 50  | 93 |
|                 |     |    |

| 01/03 |     | 49      |
|-------|-----|---------|
| 01/05 | 49  | 10<br>8 |
|       |     |         |
| 01/06 |     | 22<br>6 |
| 01/07 | 91  | 66      |
| 01/08 | 109 |         |
| 01/09 | 164 | 15<br>2 |
| 01/10 |     | 63      |
| 02/04 | 64  | 54      |
| 02/05 |     | 18<br>0 |
| 02/06 |     | 61      |
| 02/07 |     | 94      |
| 02/09 |     | 14<br>8 |
| 02/10 | 23  |         |
| 02/17 | 85  |         |
| 02/18 | 30  |         |
| 02/19 | 79  |         |
| 03/01 | 43  |         |
| 03/02 | 32  |         |
| 03/04 |     | 29<br>1 |
| 03/05 | 48  | 47      |

| 03/06              |     | 38      |
|--------------------|-----|---------|
| 03/09              | 51  |         |
| 03/12              |     | 12<br>6 |
| 03/13              |     | 19<br>3 |
| 03/14              | 64  | 44      |
| 03/15              | 137 |         |
| 03/16              | 37  | 46      |
| 03/17              | 45  |         |
| 03/18              |     | 21<br>0 |
| 03/19              | 33  | 33<br>1 |
| 03/20              | 38  |         |
| 500mL Lemon Spritz |     |         |
| 01/02              | 55  | 42      |
| 01/03              | 71  |         |
| 01/04              |     | 32      |
| 01/06              |     | 90      |
| 01/07              | 112 | 64      |
| 01/08              | 52  |         |
| 01/09              | 26  | 37      |
| 01/10              | 102 | 14<br>8 |

| 01/11 | 28  |         |
|-------|-----|---------|
| 01/12 | 118 | 18<br>5 |
| 01/13 | 35  | 20<br>0 |
| 01/14 |     | 30      |
| 01/15 | 63  |         |
| 01/16 | 36  | 33      |
| 01/17 |     | 52      |
| 01/18 | 29  | 10<br>6 |
| 01/19 | 59  |         |
| 01/20 | 74  | 37      |
| 02/01 | 165 |         |
| 02/03 |     | 41      |
| 02/04 |     | 45      |
| 02/05 | 71  |         |
| 02/07 |     | 90      |
| 02/08 | 45  |         |
| 02/10 |     | 43      |
| 02/12 | 46  |         |
| 02/13 | 103 | 18<br>8 |
| 02/15 | 26  |         |
| 02/16 | 28  |         |

| 02/17        | 36  |         |
|--------------|-----|---------|
| 02/18        | 101 |         |
| 02/19        | 96  |         |
| 02/20        | 113 |         |
| 03/01        | 19  |         |
| 03/04        |     | 16<br>4 |
| 03/05        |     | 73      |
| 03/06        | 30  | 12<br>4 |
| 03/08        |     | 30      |
| 03/09        | 61  | 49      |
| 03/10        | 25  | 89      |
| 03/13        |     | 71      |
| 03/14        | 55  |         |
| 03/15        | 49  | 91      |
| 03/16        | 29  | 49      |
| 03/17        | 45  | 30      |
| 03/18        | 35  | 66      |
| 03/19        | 82  | 12<br>6 |
| 03/20        | 39  | 73      |
| 500mL Spritz |     |         |
| 01/01        | 45  |         |

| 79 |                                     |
|----|-------------------------------------|
| 48 |                                     |
|    | 51                                  |
| 43 |                                     |
|    | 34                                  |
| 31 | 42                                  |
| 85 |                                     |
| 97 | 39                                  |
| 34 | 19                                  |
|    | 1                                   |
| 94 |                                     |
| 44 | 39                                  |
|    | 69                                  |
| 74 | 82                                  |
| 33 |                                     |
| 36 | 45                                  |
| 36 |                                     |
|    | 81                                  |
|    | 87                                  |
| 47 |                                     |
| 37 |                                     |
|    | 93                                  |
| 31 | 91                                  |
| 25 | 34                                  |
|    | 48 43 31 85 97 34 44 74 33 36 36 37 |

| 02/06 |     | 99      |
|-------|-----|---------|
| 02/10 | 38  |         |
| 02/11 | 29  |         |
| 02/12 | 41  | 99      |
| 02/13 | 41  | 31      |
| 02/14 | 44  |         |
| 02/15 | 79  |         |
| 02/17 | 61  |         |
| 02/19 | 70  | 51      |
| 02/20 | 117 |         |
| 03/04 |     | 10<br>4 |
| 03/05 |     | 33      |
| 03/06 | 25  | 14<br>9 |
| 03/07 | 37  |         |
| 03/09 | 40  | 40      |
| 03/10 |     | 74      |
| 03/13 |     | 40      |
| 03/14 | 43  | 39      |
| 03/15 | 36  |         |
| 03/16 | 48  | 45      |
| 03/17 |     | 48      |
| 03/18 | 43  |         |
|       |     | -       |

| 03/19        | 93  | 36      |
|--------------|-----|---------|
| 03/20        | 51  | 49      |
| South        |     |         |
| 1L ClearPure |     |         |
| 01/01        | 64  | 64      |
| 01/03        | 64  | 11<br>7 |
| 01/04        | 41  | 42      |
| 01/06        | 98  |         |
| 01/11        | 178 | 99      |
| 01/13        | 40  |         |
| 01/14        | 70  |         |
| 01/15        | 45  |         |
| 02/03        |     | 42      |
| 02/06        |     | 53      |
| 02/07        |     | 79      |
| 02/08        | 59  |         |
| 02/09        |     | 13<br>0 |
| 02/11        | 108 | 19      |
| 02/16        | 64  |         |
| 02/19        | 118 |         |
| 03/01        | 101 |         |
| 03/02        | 44  |         |

| 03/03           |     | 41      |
|-----------------|-----|---------|
| 03/05           |     | 78      |
| 03/06           | 114 |         |
| 03/08           | 117 | 65      |
| 03/09           |     | 11<br>7 |
| 03/13           | 47  | 50      |
| 03/14           | 54  |         |
| 03/15           | 66  |         |
| 03/16           | 61  | 43      |
| 1L Lemon Spritz |     |         |
| 01/01           |     | 43      |
| 01/06           |     | 38      |
| 01/08           | 238 |         |
| 01/09           | 138 | 44      |
| 01/11           | 58  | 12<br>7 |
| 01/13           | 95  |         |
| 01/14           | 47  | 52      |
| 01/16           | 88  |         |
| 01/18           |     | 55      |
| 01/19           | 80  | 35      |
| 01/20           |     | 96      |
| 02/01           |     | 13      |

|           |     | 1       |
|-----------|-----|---------|
| 02/06     | 50  | 81      |
| 02/07     | 42  |         |
| 02/08     |     | 13      |
| <b></b>   |     | 7       |
| 02/09     | 45  | 11<br>9 |
| 02/11     | 77  |         |
| 02/13     | 46  | 49      |
| 02/14     | 105 |         |
| 02/16     | 104 | 48      |
| 02/18     | 45  |         |
| 03/04     | 55  |         |
| 03/05     |     | 44      |
| 03/06     |     | 41      |
| 03/09     |     | 16<br>4 |
| 03/10     |     | 58      |
| 03/13     | 41  |         |
| 03/14     | 83  |         |
| 03/16     | 33  | 21<br>8 |
| 03/19     |     | 82      |
| 03/20     | 36  |         |
| 1L Spritz |     |         |

| 01/01 | 94  | 96      |
|-------|-----|---------|
| 01/02 | 43  |         |
| 01/03 | 63  | 58      |
| 01/04 | 150 | 51      |
| 01/06 | 98  |         |
| 01/07 | 52  | 63      |
| 01/08 | 116 |         |
| 01/09 | 44  | 11<br>0 |
| 01/10 | 137 | 11<br>5 |
| 01/11 |     | 17<br>9 |
| 01/12 |     | 66      |
| 01/13 | 91  | 58      |
| 01/14 | 234 |         |
| 01/15 | 41  |         |
| 01/16 | 83  |         |
| 01/17 | 43  |         |
| 01/18 | 100 |         |
| 01/19 | 49  |         |
| 02/01 | 109 | 65      |
| 02/02 | 56  |         |
| 02/03 |     | 11<br>4 |

| 02/05      |     | 86      |
|------------|-----|---------|
| 02/06      |     | 12<br>2 |
| 02/07      |     | 41      |
| 02/08      | 55  | 11      |
| 02/09      | 62  | 0       |
| 02/10      | 02  | 56      |
| ,<br>02/11 | 124 |         |
| 02/12      | 36  | 37      |
| 02/13      | 88  | 10<br>0 |
| 02/14      |     | 49      |
| 02/18      | 96  |         |
| 02/20      | 88  |         |
| 03/01      | 98  |         |
| 03/02      | 45  |         |
| 03/04      | 64  | 55      |
| 03/05      | 76  |         |
| 03/07      |     | 12<br>1 |
| 03/09      |     | 56      |
| 03/10      | 102 |         |
| 03/14      | 64  |         |
| 03/16      |     | 17      |

|                 |     | 1       |
|-----------------|-----|---------|
| 03/17           |     | 42      |
| 03/18           | 47  | 10<br>6 |
| 03/19           |     | 18<br>3 |
| 03/20           | 169 | 89      |
| 500mL ClearPure |     |         |
| 01/01           | 62  | 12<br>6 |
| 01/02           | 301 |         |
| 01/03           | 56  | 15<br>1 |
| 01/04           | 134 | 27<br>8 |
| 01/05           |     | 46      |
| 01/06           |     | 73      |
| 01/07           | 360 | 18<br>6 |
| 01/08           | 431 |         |
| 01/09           | 161 |         |
| 01/10           |     | 44      |
| 01/11           | 3   |         |
| 02/03           | 80  | 90      |
| 02/05           |     | 19<br>6 |

| 02/06 | 46  | 20<br>6 |
|-------|-----|---------|
| 02/07 | 44  |         |
| 02/12 | 39  |         |
| 02/17 | 43  |         |
| 02/19 | 124 |         |
| 02/20 | 132 |         |
| 03/02 | 27  |         |
| 03/03 |     | 37      |
| 03/04 | 26  |         |
| 03/05 |     | 34<br>1 |
| 03/07 |     | 58      |
| 03/09 |     | 82      |
| 03/10 | 33  |         |
| 03/12 | 35  |         |
| 03/13 |     | 24<br>8 |
| 03/14 | 84  | 53      |
| 03/15 | 206 |         |
| 03/16 |     | 94      |
| 03/17 | 39  |         |
| 03/18 | 85  | 23<br>0 |
| 03/20 | 132 | 14      |

|                    |     | 4       |
|--------------------|-----|---------|
| 500mL Lemon Spritz |     |         |
| 01/01              | 68  | 23      |
| 01/02              | 44  |         |
| 01/03              | 25  | 42      |
| 01/04              | 73  |         |
| 01/05              |     | 25      |
| 01/06              | 71  |         |
| 01/07              | 45  | 29      |
| 01/08              | 68  |         |
| 01/09              | 33  | 27      |
| 01/10              | 73  |         |
| 01/11              | 106 | 10<br>5 |
| 01/12              | 43  | 24<br>1 |
| 01/13              | 77  | 10<br>8 |
| 01/14              | 97  | 95      |
| 01/15              | 119 |         |
| 01/16              | 84  |         |
| 01/17              | 61  | 43      |
| 01/18              | 31  | 36      |
| 01/19              | 145 |         |

| 01/20 | 107 |         |
|-------|-----|---------|
| 02/01 | 46  | 33      |
| 02/02 | 55  | 45      |
| 02/03 | 29  | 31      |
| 02/05 |     | 78      |
| 02/06 |     | 64      |
| 02/07 |     | 12<br>0 |
| 02/08 | 67  | 53      |
| 02/09 |     | 21<br>2 |
| 02/10 |     | 35      |
| 02/11 | 106 | 68      |
| 02/12 |     | 20<br>5 |
| 02/13 | 45  | 95      |
| 02/14 |     | 21      |
| 02/15 | 39  |         |
| 02/17 | 28  |         |
| 02/18 | 143 |         |
| 02/19 | 164 |         |
| 02/20 | 31  |         |
| 03/01 | 79  |         |
| 03/03 |     | 73      |

| 03/05        | 38  | 16<br>9 |
|--------------|-----|---------|
| 03/06        | 116 |         |
| 03/07        |     | 13<br>6 |
| 03/08        | 131 | 33      |
| 03/09        |     | 82      |
| 03/10        | 80  | 77      |
| 03/12        | 33  |         |
| 03/13        |     | 70      |
| 03/14        | 56  | 63      |
| 03/15        | 73  |         |
| 03/16        | 27  | 12<br>7 |
| 03/17        |     | 27      |
| 03/18        |     | 14<br>9 |
| 03/19        |     | 26<br>5 |
| 03/20        | 94  | 14<br>0 |
| 500mL Spritz |     |         |
| 01/01        | 75  | 33      |
| 01/02        | 87  |         |
| 01/03        |     | 13<br>3 |

| 01/04 | 70  | 84      |
|-------|-----|---------|
| 01/05 |     | 31      |
| 01/06 | 26  | 10<br>5 |
| 01/07 | 135 | 11<br>9 |
| 01/08 | 325 |         |
| 01/09 | 52  | 40      |
| 01/10 | 32  | 14<br>1 |
| 01/11 | 44  | 50      |
| 01/12 | 43  | 24<br>0 |
| 01/13 | 38  | 14<br>1 |
| 01/14 | 78  | 35      |
| 01/15 | 77  | 41      |
| 01/16 | 42  |         |
| 01/18 | 66  |         |
| 02/01 | 59  | 95      |
| 02/02 |     | 25      |
| 02/03 | 70  | 14<br>3 |
| 02/05 |     | 10<br>4 |
| 02/06 | 46  | 32      |

| 35       | 30  |
|----------|---|
| 34       |   |
| 28       |   |
| 32       |   |
| 27       | 45  |
|          | 17  |
|          | 9   |
|          | 31  |
| 31       |   |
| 72       |   |
| 74       |   |
| 168      | 11  |
|          | 7   |
| 73       |   |
|          |   |
| 28       | 82  |
| 28<br>49 | 82  |
|          | 82<br>72                                      |
|          |   |
|          | 72<br>95<br>25                                |
|          | 72<br>95                                      |
|          | 72<br>95<br>25                                |
|          | 72<br>95<br>25<br>4<br>82<br>13               |
|          | 72<br>95<br>25<br>4<br>82                     |
|          | 72<br>95<br>25<br>4<br>82<br>13               |
|          | 34<br>28<br>32<br>27<br>31<br>72<br>74<br>168 |

| 03/13        | 108 |         |
|--------------|-----|---------|
| 03/14        | 78  |         |
| 03/15        | 107 |         |
| 03/16        |     | 52      |
| 03/17        | 56  |         |
| 03/18        | 124 | 12<br>5 |
| 03/20        | 194 | 47      |
| West         |     |         |
| 1L ClearPure |     |         |
| 01/01        |     | 55      |
| 01/02        |     | 21<br>7 |
| 01/05        | 55  |         |
| 01/06        |     | 12<br>0 |
| 01/07        |     | 38      |
| 01/08        |     | 70      |
| 01/09        | 73  | 48      |
| 01/10        | 66  | 12<br>0 |
| 01/11        |     | 30<br>2 |
| 01/12        | 128 | 20<br>9 |
| 01/14        | 62  |         |

| 01/15 | 98  |         |
|-------|-----|---------|
| 01/16 | 144 |         |
| 01/17 | 145 | 98      |
| 01/19 | 63  | 90      |
| 01/20 | 17  | 47      |
| 02/03 |     | 70      |
| 02/04 |     | 11<br>3 |
| 02/05 |     | 11<br>8 |
| 02/06 |     | 40      |
| 02/07 |     | 34<br>6 |
| 02/08 |     | 11<br>0 |
| 02/09 | 103 | 18<br>7 |
| 02/10 |     | 63      |
| 02/11 | 63  |         |
| 02/12 | 47  |         |
| 02/13 | 49  |         |
| 02/16 | 221 |         |
| 02/17 | 98  |         |
| 02/19 | 129 |         |
| 02/20 | 63  |         |

| 03/01 | 125 |         |
|-------|-----|---------|
| 03/02 | 39  |         |
| 03/03 | 36  |         |
| 03/04 |     | 11<br>0 |
| 03/05 | 72  | 10<br>2 |
| 03/06 |     | 62      |
| 03/07 | 166 | 59      |
| 03/08 |     | 13<br>3 |
| 03/09 | 198 | 19<br>6 |
| 03/10 | 121 | 70      |
| 03/11 | 190 |         |
| 03/12 | 56  | 10<br>8 |
| 03/14 | 173 | 41      |
| 03/15 | 43  |         |
| 03/16 | 192 | 11<br>8 |
| 03/17 | 49  | 11<br>4 |
| 03/18 | 190 |         |
| 03/19 | 133 | 40      |
| 03/20 | 63  | 60      |

| 1L Lemon Spritz |     |         |
|-----------------|-----|---------|
| 01/01           | 102 |         |
| 01/02           |     | 35      |
| 01/03           | 50  | 10<br>6 |
| 01/04           |     | 45      |
| 01/05           | 96  |         |
| 01/06           | 127 |         |
| 01/08           | 115 | 83      |
| 01/10           | 71  | 58      |
| 01/11           |     | 42      |
| 01/12           | 52  | 88      |
| 01/13           | 57  | 13<br>3 |
| 01/14           | 44  |         |
| 01/15           | 147 | 42      |
| 01/17           |     | 21<br>7 |
| 01/18           | 78  |         |
| 01/19           | 92  | 94      |
| 01/20           | 47  | 11<br>0 |
| 02/01           |     | 54      |
| 02/02           |     | 37      |
| 02/04           |     | 16      |

|       |     | 6       |
|-------|-----|---------|
| 02/05 |     | 39      |
| 02/06 | 92  |         |
| 02/07 | 52  | 61      |
| 02/08 |     | 87      |
| 02/09 |     | 39      |
| 02/10 |     | 31      |
| 02/12 | 35  | 64      |
| 02/14 | 42  |         |
| 02/15 | 83  |         |
| 02/18 | 99  |         |
| 02/19 | 78  |         |
| 03/01 | 85  |         |
| 03/02 | 22  |         |
| 03/02 |     | 86      |
|       |     | 54      |
| 03/04 | 0.4 |         |
| 03/05 | 91  | 10<br>5 |
| 03/06 |     | 37      |
| 03/08 |     | 89      |
| 03/09 | 61  | 13      |
|       |     | 2       |
| 03/10 | 79  |         |
| 03/11 | 50  |         |

| 03/13     |     | 15<br>9 |
|-----------|-----|---------|
| 03/14     | 125 | 92      |
| 03/15     | 115 |         |
| 03/16     | 109 | 40      |
| 03/17     | 62  |         |
| 03/18     | 40  | 59      |
| 03/19     | 96  | 36      |
| 03/20     | 84  | 51      |
| 1L Spritz |     |         |
| 01/01     |     | 92      |
| 01/03     |     | 90      |
| 01/04     | 54  |         |
| 01/05     |     | 83      |
| 01/06     | 79  |         |
| 01/07     | 66  | 33      |
| 01/08     | 86  |         |
| 01/09     |     | 46      |
| 01/10     |     | 73      |
| 01/11     | 58  | 25<br>9 |
| 01/12     | 60  | 14<br>3 |
| 01/13     | 69  | 10<br>8 |

| 01/14 | 58  |         |
|-------|-----|---------|
| 01/15 | 42  | 12      |
| 01/16 | 40  |         |
| 01/17 | 139 | 97      |
| 01/18 | 59  |         |
| 01/19 |     | 57      |
| 01/20 | 65  | 72      |
| 02/01 | 38  | 19<br>6 |
| 02/02 | 90  | 51      |
| 02/03 |     | 42      |
| 02/04 |     | 55      |
| 02/05 | 53  | 57      |
| 02/06 |     | 42      |
| 02/07 | 43  | 20<br>3 |
| 02/08 | 47  |         |
| 02/09 |     | 95      |
| 02/10 |     | 13<br>0 |
| 02/12 | 108 |         |
| 02/13 |     | 40      |
| 02/18 | 32  |         |
| 02/20 | 44  |         |
|       |     |         |

| 03/01           | 98  |         |
|-----------------|-----|---------|
| 03/02           | 115 |         |
| 03/05           | 100 |         |
| 03/06           | 55  |         |
| 03/07           | 37  |         |
| 03/08           | 44  | 80      |
| 03/10           | 128 |         |
| 03/12           | 57  | 10<br>1 |
| 03/13           |     | 69      |
| 03/14           | 47  |         |
| 03/15           | 73  | 12<br>7 |
| 03/16           | 61  | 10<br>8 |
| 03/17           |     | 63      |
| 03/18           | 127 |         |
| 03/19           | 45  | 10<br>5 |
| 03/20           | 156 | 12<br>8 |
| 500mL ClearPure |     |         |
| 01/01           |     | 21<br>7 |
| 01/02           |     | 18<br>6 |

| 01/03 | 219 | 24<br>1 |
|-------|-----|---------|
| 01/04 | 142 | 86      |
| 01/05 | 91  | 48      |
| 01/06 | 101 |         |
| 01/07 | 96  | 23<br>9 |
| 01/08 | 230 | 17<br>2 |
| 01/10 |     | 15<br>0 |
| 02/03 | 142 |         |
| 02/04 |     | 28<br>0 |
| 02/05 |     | 35<br>9 |
| 02/06 |     | 16<br>3 |
| 02/07 |     | 90      |
| 02/09 |     | 79      |
| 02/12 | 44  |         |
| 02/18 | 31  |         |
| 02/20 | 61  |         |
| 03/01 | 30  |         |
| 03/03 |     | 12      |

| 03/04              |     | 24<br>1 |
|--------------------|-----|---------|
| 03/05              | 37  | 10<br>5 |
| 03/06              |     | 38      |
| 03/07              | 29  | 52      |
| 03/08              | 33  |         |
| 03/09              |     | 39      |
| 03/10              | 49  |         |
| 03/12              | 29  | 26<br>6 |
| 03/13              |     | 19<br>8 |
| 03/14              | 109 | 35      |
| 03/15              | 69  | 18<br>7 |
| 03/16              | 29  | 79      |
| 03/18              | 44  | 17<br>9 |
| 03/19              | 121 | 12<br>0 |
| 03/20              | 202 |         |
| 500mL Lemon Spritz |     |         |
| 01/01              |     | 25      |
| 01/02              |     | 24      |
| 01/03              |     | 39      |

| 01/05 |    | 28      |
|-------|----|---------|
| 01/07 | 27 |         |
| 01/10 |    | 44      |
| 01/11 | 35 | 63      |
| 01/12 |    | 11      |
|       |    | 8       |
| 01/13 | 34 | 94      |
| 01/14 | 42 |         |
| 01/15 | 64 | 2       |
| 01/16 |    | 37      |
| 01/17 | 42 | 12<br>9 |
|       |    |         |
| 01/19 | 36 |         |
| 02/01 | 30 |         |
| 02/02 | 42 | 33      |
| 02/04 |    | 49      |
| 02/05 |    | 41      |
| 02/06 |    | 69      |
| 02/07 |    | 45      |
| 02/08 | 32 | 26      |
| 02/09 |    | 43      |
| 02/11 |    | 44      |
| 02/12 | 37 | 97      |
| 02/13 |    | 86      |

| 02/15        | 38  |    |
|--------------|-----|----|
| 02/17        | 35  |    |
| 02/18        | 43  |    |
| 02/20        | 26  |    |
| 03/01        | 36  |    |
| 03/04        |     | 69 |
| 03/05        |     | 49 |
| 03/06        |     | 34 |
| 03/08        | 47  | 66 |
| 03/09        |     | 34 |
| 03/10        | 38  |    |
| 03/12        | 38  |    |
| 03/13        |     | 27 |
| 03/14        | 27  |    |
| 03/15        | 38  |    |
| 03/16        |     | 31 |
| 03/17        |     | 39 |
| 03/18        | 96  |    |
| 03/19        |     | 78 |
| 03/20        |     | 81 |
| 500mL Spritz |     |    |
| 01/01        | 33  |    |
| 01/02        | 102 | 34 |
|              |     |    |

| 01/03 |     | 29      |
|-------|-----|---------|
| 01/05 | 29  | 32      |
| 01/06 | 95  | 46      |
| 01/07 | 95  |         |
| 01/08 | 37  | 40      |
| 01/09 | 124 |         |
| 01/10 | 38  | 16<br>7 |
| 01/11 |     | 22<br>5 |
| 01/12 |     | 11<br>7 |
| 01/13 | 43  | 14<br>1 |
| 01/15 | 109 |         |
| 01/17 | 44  | 29      |
| 02/01 |     | 25      |
| 02/03 |     | 46      |
| 02/04 |     | 18<br>0 |
| 02/05 | 40  | 17<br>1 |
| 02/06 | 40  | 43      |
| 02/07 | 28  | 41      |
| 02/12 | 25  |         |
| 02/13 |     | 35      |

| 02/14 |     | 26      |
|-------|-----|---------|
| 02/18 | 37  |         |
| 02/19 | 135 | 52      |
| 02/20 | 127 |         |
| 03/01 | 82  |         |
| 03/03 | 33  | 35      |
| 03/04 |     | 16<br>1 |
| 03/05 | 43  | 16<br>7 |
| 03/06 |     | 51      |
| 03/07 | 31  |         |
| 03/08 |     | 40      |
| 03/09 | 46  | 18<br>8 |
| 03/10 | 40  | 47      |
| 03/11 | 79  |         |
| 03/12 | 72  | 75      |
| 03/14 | 32  | 45      |
| 03/15 |     | 55      |
| 03/16 | 45  | 26      |
| 03/17 | 151 | 51      |
| 03/18 | 34  |         |
| 03/19 | 44  | 31      |