Cover Page

Campion College

Centre Number - 100016

Rachael Roberta Stimpson

Candidate Number - 1000160847

Teacher - Mr. Soutar

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# Situation Overview

## **Background on Covid19**

COVID-19 is a respiratory disease that primarily impacts the lungs and airways. The virus belongs to a family of coronaviruses, which affects both animals and humans. This virus emerged and was discovered in December of 2019 in the Chinese city of Wuhan and quickly spread globally, leading to a pandemic. The Covid-19 virus was confirmed by The University Hospital of the West Indies (UHWI) in Jamaica on 10 March 2020. This first case of the virus in Jamaica was a young female that travelled from London to Jamaica on March 4, who had developed symptoms compatible to COVID-19 on March 7 and visited the Accident and Emergency Division of the UHWI on March 9, 2020. COVID-19 symptoms typically appear 2-14 days after virus exposure, with the majority of individuals experiencing minor symptoms. However, older persons and people with prior health problems are more likely to develop serious complications such as pneumonia and acute respiratory distress syndrome.

## **Project No-Rona Team**

In the event of the COVID-19 pandemic, the Ministry of Health and Wellness wants to take proper action to properly and efficiently record the specific statistics caused by the virus to provide greater clarity and understanding of the many events that occurred. The Project No-Rona Response team's mission is to evaluate the data gathered over several months and deliver a detailed report to the Prime Minister the Most Honourable Andrew Holness, In addition, it is this team’s duty to monitor the spread of COVID-19 and other variants to not only keep the Prime Minister and the Ministry of Health updated on how COVID-19 affected Jamaica but also educate the public on proper health measures that should take place for a better and healthier society. I, Rachael Stimpson as Chief Investigative Officer along with Dr. Niala Grange, Nathan Ronner, Richard Black, Aaron Warner, and Diana Yelly will carry out this research to keep the Prime Minister and the Ministry of Health updated on how COVID-19 affected Jamaica.

# The Result of the Investigation

## **Patient Billing Report**

**Patient Billing Report**

*Patient’s Copay Details*

Insurance: GovC

LName FName TRN CoveredAmount CopayAmount

Bennette Elijah 11 157 335 $9,360.00 $1,040.00

Chambers Marcia 11 238 629 $26,820.00 $2,980.00

Cummings Salvador 11 578 907 $12,330.00 $1,370.00

Fox Shayla 19 864 679 $42,300.00 $4,700.00

Johnson Blake 12 238 657 $21,510.00 $2,390.00

Morgan Annette 14 312 367 $19,080.00 $2,120.00

Novak Davon 11 116 547 $16,020.00 $1,780.00

Pollack James 11 325 633 $11,340.00 $1,260.00

Stokes Ernesto 14 508 756 $9,684.00 $1,076.00

Wall Cristopher 11 865 674 $32,408.10 $3,600.90

Yethman Adewhale 11 249 087 $12,420.00 $1,380.00

Zaw Dongqiang 11 450 987 $12,600.00 $1,400.00

Insurance: Medi

LName FName TRN CoveredAmount CopayAmount

Chambers Chana 11 937 907 $15,000.00 $5,000.00

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*Patient’s Copay Details*

Conrad Brayden 11 196 745 $10,050.00 $3,350.00

Davis Jason 11 126 436 $22,125.00 $7,375.00

Mclean Addyson 17 774 897 $30,000.00 $10,000.00

Owen Samuel 11 347 896 $7,920.00 $2,640.00

Reynalds Tamiko 11 784 509 $22,500.00 $7,500.00

Rogers Lorelai 11 179 056 $7,927.50 $2,642.50

Salas Angelica 11 840 970 $15,742.50 $5,247.50

Taylor Elizabeth 11 274 590 $7,500.00 $2,500.00

Insurance: NW

LName FName TRN CoveredAmount CopayAmount

Alexander Carmen 11 664 456 $5,079.29 $5,727.71

Alvarez Jesse 19 907 865 $5,875.00 $6,625.00

Christian Brielle 11 786 756 $20,680.00 $23,320.00

Duglass Yeniqua 11 140 337 $23,030.00 $25,970.00

Hart Danielle 11 067 840 $13,865.00 $15,635.00

Jackson Michael Jnr. 11 675 399 $5,123.00 $5,777.00

Robertson Zavier 11 466 453 $4,700.00 $5,300.00

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*Patient’s Copay Details*

Sinclair Madge 11 024 727 $7,050.00 $7,950.00

Velez Elvis 11 975 467 $8,930.00 $10,070.00

Insurance: PariF

LName FName TRN CoveredAmount CopayAmount

Blevins Stephen 18 964 678 $5,220.00 $5,220.00

Clay Mariela 11 180 678 $5,500.00 $5,500.00

Daniels Manuel 19 986 789 $6,000.00 $6,000.00

Le Tessa 12 398 649 $8,775.00 $8,775.00

Marquez Audrina 11 674 573 $10,000.00 $10,000.00

Taker Alex 11 180 477 $8,500.00 $8,500.00

Xiong Jinhua 11 347 865 $22,500.00 $22,500.00

Insurance: Sag

LName FName TRN CoveredAmount CopayAmount

Brooks Ty 11 679 473 $8,560.00 $2,140.00

Daley Clive 10 421 876 $8,880.00 $2,220.00

Edwards Stanford 11 457 864 $8,879.20 $2,219.80

Hatcher Samoiah 11 273 470 $10,400.00 $2,600.00

Hogan Lillian 12 237 874 $32,000.00 $8,000.00

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*Patient’s Copay Details*

Michael Addilyn 11 975 457 $11,600.00 $2,900.00

Oconnell Judith 12 568 976 $11,120.00 $2,780.00

Parker Kamryn 11 157 435 $15,840.00 $3,960.00

CoPay Amount $271,041.4

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## **Vaccinated Patient Information**

The government intends to pay 90% of all medical expenses for all who have been vaccinated but were hospitalized due to Covid-19 related issues. As seen in the data collected, this was made available for only five patients who were tested positive but vaccinated and for two who were said to be inconclusive but vaccinated. Those who were tested positive had to pay CRFees that ranged from $10760 - $21200. The two inconclusive patients had to pay $10400 and $23900.

## **Covid Results**

In order to carefully interpret our results, a table and pie chart was created. As seen, 20 patients tested positive for covid 19 (the highest result), followed by 17 patients being inconclusive and only 8 patients tested negative. 44% of the patients therefore tested positive, 38% was said to be inconclusive and 18% negative. It may be concluded that those who were tested positive were either not vaccinated or was vaccinated but still developed covid-19 suggesting that they may have an underlying illness. Additionally, those who were inconclusive could have had covid-19 or not, meaning some may have been vaccinated or unvaccinated. The few who were tested negative suggests that either they were the only ones vaccinated or they were not vaccinated, and their immune system is strong enough to fight the covid -19 virus.

**TABLE SHOWING THE NUMBER OF PATIENTS WITH VARIED COVID RESULTS**

|  |  |
| --- | --- |
| **Covid Result** | **Number of Patients** |
| Positive | 20 |
| Negative | 8 |
| Inconclusive | 17 |

## 

## **Average Numbers of Days Patients Spent in the Hospital**

Several individuals had to be admitted to hospitals for treatment as a result of Covid-19 and other respiratory diseases. Consequently, there is a greater spending on training new employees, supplies, and space restructuring to find more space for patients in hospitals. The average number of days a patient spent in the hospital were 11 days. The patients who spent the greatest number of days were those who were said to inconclusive with the greatest being 30 days. This indicates that the underlying illness is severe and requires immediate medical attention. Surprisingly, the number of days spent by patients who were tested negative ranged from 1 day to 30 days. Those tested positive ranged from 1 to 29 days. The maximum Final Copay Amount is $158,100.00.

|  |  |
| --- | --- |
| Average number of days spent by patients | 11 |
| Maximum Final Copay Amount | $158,100.00 |

# The Fillable Form

Please correctly fill form in each space provided.

|  |  |
| --- | --- |
| PID | Click or tap here to enter text. |
| First Name | Click or tap here to enter text. |
| Last Name | Click or tap here to enter text. |
| Date of Birth | Click or tap to enter a date. |
| Gender | Choose an item. |
| Address | Click or tap here to enter text. |
| Town | Click or tap here to enter text. |
| Parish | Choose an item. |
| TRN | Click or tap here to enter text. |
| NOK | Click or tap here to enter text. |
| Date of Administration | Click or tap to enter a date. |
| Vaccination Status | Choose an item. |
| Hospital | Choose an item. |
| Discharge Status | Choose an item. |
| Insurance | Choose an item. |
| Covid Result | Choose an item. |
| Symptoms | Click or tap here to enter text. |
| Number of days | Choose an item. |
| CRFees | Click or tap here to enter text. |

# The Website

The Project No-Rona website educates, shares, and keeps the public up to date on the most recent input we have received. It also allows visitors to identify who the major members of this well-established government-sponsored team are and what the aim of this investigation is. Furthermore, this website encourages health and provides effective solutions for combating and avoiding covid-19.

Link Here: [\IT SBAs\Stimpson\_Rachael\_Project No Rona.zip](file:///E:\IT%20SBAs\Stimpson_Rachael_Project%20No%20Rona.zip)

A computer screen with a computer screen showing a computer screen with a computer screen showing a virus

Description automatically generated