



CARIBBEAN EXAMINATIONS COUNCIL



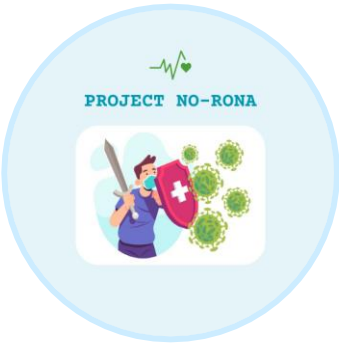
INFORMATION TECHNOLOGY (GENERAL)

SCHOOL-BASED ASSESSMENT

2023



CANDIDATE NAME:	ABIGAIL WILSON
CANDIDATE NUMBER:	1000161460
CENTRE NAME:	CAMPION COLLEGE
CENTRE NUMBER:	100016
TEACHER NAME:	MR. NICKARDO BENNETT
PROJECT TYPE:	WORD PROCESSING
TERRITORY:	JAMAICA



Project No-Rona

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Situation Overview

Background on Covid-19

Coronaviruses are a family of viruses that invoke illnesses such as respiratory/gastrointestinal diseases. Respiratory diseases can range from the common cold to more severe diseases namely:

- o Middle East Respiratory Syndrome (MERS-CoV)
- o Severe Acute Respiratory Syndrome (SARS-CoV)

However, a novel coronavirus (Covid-19, the virus causing it is SARS-CoV-2) is a new strain that was not previously recognized in humans. Most individuals infected with the COVID-19 virus experience mild to moderate respiratory symptoms and recover without needing specific treatment. However, older adults and individuals with underlying medical conditions such as cardiovascular disease, diabetes, chronic respiratory/liver disease, hypertension and cancer are more susceptible to developing severe illness. After the first cases of this predominantly respiratory viral illness were first reported in Wuhan, Hubei Province, China, in late December 2019, SARS-CoV-2 rapidly disseminated across the world in a short span of time, prompting the World Health Organization (WHO) to declare it as a global pandemic on March 11, 2020. Jamaica recorded its first COVID-19 case on March 10, 2020. In response, the Ministry of Health and Wellness established the Project No-Rona Response Team to monitor the spread of the coronavirus and educate the public on protective measures. The purpose of this investigation is to generate a comprehensive analysis that highlights the impact of the pandemic on Jamaica so necessary preventative measures can be implemented.

Project No-Rona Team

- o Abigail Wilson - *Chief Investigative Officer*
- o Iva Ramos - *Data Analyst*
- o Colette Aguirre - *Data Engineer*
- o Irene Harrington - *Analytics Engineer*
- o Allan Montes - *Social Media Specialist*



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Investigative Findings

Vaccinated Patient Information

To provide support during these challenging times, the Government of Jamaica intends to provide financial assistance to all individuals who were **responsibly vaccinated** but were hospitalized for Covid-related issues through full coverage of the medical expenses acquired during the hospitalization period.

PID	FNAME	LNAME	VSTATUS	HOSPITAL	INAME	COVERAGE	DSTATUS	COVID RESULT	NDAYS	CRFEES	ROOM AND BOARD	MEDICAL SUPPLY	OUTPATIENT CARE	TOTAL HOSPITAL COST	FINAL COPAY
4	Ronaldo	Moore	TRUE	UWHI	NationWidth Health Limited	47%	Deceased	Positive	11	\$22,000.00	\$55,000.00	\$110,000.00	No charge	\$185,000.00	\$47,340.00
12	Grace	Nguyen	TRUE	VJH	NationWidth Health Limited	47%	Deceased	Positive	15	\$25,790.00	\$75,000.00	\$150,000.00	No charge	\$245,000.00	\$61,121.30
19	Eleanor	Baker	TRUE	CRH	Mediplus Health Insurance Jamaica	75%	Deceased	Positive	30	\$50,000.00	\$150,000.00	\$300,000.00	No charge	\$470,000.00	\$131,500.00
21	Benjamin	Harris	TRUE	VJH	Mediplus Health Insurance Jamaica	75%	Deceased	Positive	3	\$25,400.00	\$15,000.00	\$30,000.00	No charge	\$65,000.00	\$32,050.00
31	Lucas	Sanchez	TRUE	CRH	NationWidth Health Limited	47%	Deceased	Positive	13	\$32,750.00	\$65,000.00	\$130,000.00	No charge	\$215,000.00	\$58,392.50
39	Alva	Wood	TRUE	VJH	ParishFarm Insurance For Health	50%	Deceased	Positive	25	\$50,000.00	\$125,000.00	\$250,000.00	No charge	\$395,000.00	\$104,000.00
40	Celeste	Bell	TRUE	CRH	NationWidth Health Limited	47%	Deceased	Positive	18	\$32,900.00	\$90,000.00	\$180,000.00	No charge	\$290,000.00	\$73,463.00
42	Amber	Patterson	TRUE	VJH	Mediplus Health Insurance Jamaica	75%	Deceased	Positive	11	\$31,000.00	\$55,000.00	\$110,000.00	No charge	\$185,000.00	\$60,250.00
37	Coleen	Clayton	TRUE	CRH	Mediplus Health Insurance Jamaica	75%	Deceased	Inconclusive	5	\$12,350.00	\$25,000.00	\$50,000.00	No charge	\$95,000.00	\$28,262.50
5	Charlotte	Sterling	TRUE	CRH	Mediplus Health Insurance Jamaica	75%	Fully Recovered	Positive	8	\$15,555.00	\$40,000.00	\$80,000.00	No charge	\$140,000.00	\$39,666.25
8	Hazel	Nelson	TRUE	UWHI	ParishFarm Insurance For Health	50%	Fully Recovered	Positive	20	\$45,000.00	\$100,000.00	\$200,000.00	No charge	\$320,000.00	\$86,500.00
11	Anthony	Riviera	TRUE	UWHI	Sagigor Health Jamaica Limited	80%	Fully Recovered	Positive	19	\$48,000.00	\$95,000.00	\$190,000.00	No charge	\$305,000.00	\$99,400.00
15	Scarlett	Campbell	TRUE	VJH	ParishFarm Insurance For Health	50%	Fully Recovered	Positive	9	\$14,800.00	\$45,000.00	\$90,000.00	No charge	\$155,000.00	\$38,400.00
16	Savanna	Williams	TRUE	CRH	Ministry of Health - GovCare	90%	Fully Recovered	Positive	10	\$32,000.00	\$50,000.00	\$100,000.00	No charge	\$170,000.00	\$62,800.00
20	Martina	Roberts	TRUE	UWHI	Sagigor Health Jamaica Limited	80%	Fully Recovered	Positive	14	\$25,500.00	\$70,000.00	\$140,000.00	No charge	\$230,000.00	\$66,400.00
22	Isaac	Torres	TRUE	CRH	NationWidth Health Limited	47%	Fully Recovered	Positive	24	\$39,050.00	\$120,000.00	\$240,000.00	No charge	\$380,000.00	\$94,353.50
23	Jacqueline	Bassey	TRUE	UWHI	Mediplus Health Insurance Jamaica	75%	Fully Recovered	Positive	10	\$28,900.00	\$50,000.00	\$100,000.00	No charge	\$170,000.00	\$55,675.00
26	Ezra	Scott	TRUE	UWHI	NationWidth Health Limited	47%	Fully Recovered	Positive	3	\$10,850.00	\$15,000.00	\$30,000.00	No charge	\$65,000.00	\$18,099.50
29	Camila	Foster	TRUE	UWHI	Sagigor Health Jamaica Limited	80%	Fully Recovered	Positive	21	\$48,900.00	\$105,000.00	\$210,000.00	No charge	\$335,000.00	\$106,120.00
36	Fred	Sanford	TRUE	VJH	Mediplus Health Insurance Jamaica	75%	Fully Recovered	Positive	15	\$41,200.00	\$75,000.00	\$150,000.00	No charge	\$245,000.00	\$79,900.00
38	Ava	Bailey	TRUE	UWHI	Sagigor Health Jamaica Limited	80%	Fully Recovered	Positive	4	\$15,000.00	\$20,000.00	\$40,000.00	No charge	\$80,000.00	\$28,000.00
43	Kwame	Abara	TRUE	CRH	Ministry of Health - GovCare	90%	Fully Recovered	Positive	10	\$37,000.00	\$50,000.00	\$100,000.00	No charge	\$170,000.00	\$67,300.00
44	Zuri	Bryant	TRUE	UWHI	ParishFarm Insurance For Health	50%	Fully Recovered	Positive	18	\$30,000.00	\$90,000.00	\$180,000.00	No charge	\$290,000.00	\$73,000.00
32	Vance	Wilson	TRUE	UWHI	Sagigor Health Jamaica Limited	80%	Fully Recovered	Negative	7	\$15,000.00	\$35,000.00	\$70,000.00	No charge	\$125,000.00	\$37,000.00
13	Mia	McKensie	TRUE	CRH	Mediplus Health Insurance Jamaica	75%	Out-Patient	Negative	1	\$10,050.00	\$5,000.00	\$10,000.00	\$3,500.00	\$38,500.00	\$15,237.50
27	Cynthia	Davis	TRUE	VJH	Mediplus Health Insurance Jamaica	75%	Out-Patient	Negative	1	\$10,350.00	\$5,000.00	\$10,000.00	\$3,500.00	\$38,500.00	\$15,462.50
6	Basil	Anderson	TRUE	VJH	Ministry of Health - GovCare	90%	Out-Patient	Inconclusive	1	\$10,000.00	\$5,000.00	\$10,000.00	\$3,500.00	\$38,500.00	\$16,700.00
25	Elizabeth	Young	TRUE	CRH	Ministry of Health - GovCare	90%	Out-Patient	Inconclusive	1	\$10,000.00	\$5,000.00	\$10,000.00	\$3,500.00	\$38,500.00	\$16,700.00
34	Tyrell	Russo	TRUE	CRH	ParishFarm Insurance For Health	50%	Out-Patient	Inconclusive	1	\$12,350.00	\$5,000.00	\$10,000.00	\$3,500.00	\$38,500.00	\$13,875.00

Average Hospitalization Period & Maximum Final Copay

The average number of days that a patient spent in the hospital was determined to be 10 days (rounded from 10.37777778). The Final Copay represents the monetary figure accumulated during the patient’s hospitalization period after applying their respective Insurance Company’s coverage percentage. Subsequently, upon analysis, the maximum Final Copay obtained was \$131,500.

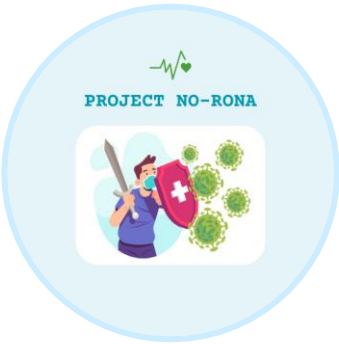


Patient Billing Report

Patient Billing Report

Patient's Copay Details

IName	LName	FName	TRN	Covered Amount	Copay Amount
Mediplus Health Insurance Jamaica					
	Baker	Eleanor	5465-9002	\$37,500.00	\$12,500.00
	Bassey	Jacqueline	5490-6500	\$21,675.00	\$7,225.00
	Clayton	Coleen	3046-2840	\$9,262.50	\$3,087.50
	Davis	Cynthia	5023-7860	\$7,762.50	\$2,587.50
	Harris	Benjamin	5400-7650	\$19,050.00	\$6,350.00
	McKensie	Mia	1025-5900	\$7,537.50	\$2,512.50
	Patterson	Amber	2900-1392	\$23,250.00	\$7,750.00
	Sanford	Fred	4830-1038	\$30,900.00	\$10,300.00
	Sterling	Charlotte	9065-8254	\$11,666.25	\$3,888.75
	Wright	Andrew	6028-1038	\$29,302.50	\$9,767.50
Summary for 'IName' = Mediplus Health Insurance Jamaica (10 detail records)					
Sum					\$65,968.75
Ministry of Health - GovCare					
	Abara	Kwame	7628-9470	\$33,300.00	\$3,700.00
	Anderson	Basil	3563-0976	\$9,000.00	\$1,000.00
	Brown	Alphonso	2453-0090	\$29,520.00	\$3,280.00
	Green	Robert	4320-5808	\$9,450.00	\$1,050.00
	Houston	Florence	7860-4768	\$35,100.00	\$3,900.00
	Ramsay	Lucille	1345-0965	\$16,650.00	\$1,850.00
	Roberts	Madison	6754-0925	\$18,000.00	\$2,000.00
	Williams	Savanna	5800-9786	\$28,800.00	\$3,200.00
	Young	Elizabeth	6700-4521	\$9,000.00	\$1,000.00
Summary for 'IName' = Ministry of Health - GovCare (9 detail records)					
Sum					\$20,980.00
NationWidth Health Limited					
	Bell	Celeste	3029-4729	\$15,463.00	\$17,437.00
	Moore	Ronaldo	2354-0980	\$10,340.00	\$11,660.00
	Nguyen	Grace	7090-7639	\$12,121.30	\$13,668.70
	Okoro	Kofi	3093-2029	\$12,032.00	\$13,568.00
	Sanchez	Lucas	9080-4590	\$15,392.50	\$17,357.50
	Scott	Ezra	6500-3254	\$5,099.50	\$5,750.50
	Torres	Isaac	9087-4345	\$18,353.50	\$20,696.50
Summary for 'IName' = NationWidth Health Limited (7 detail records)					
Sum					\$100,138.20
ParishFarm Insurance For Health					
	Bryant	Zuri	1230-1002	\$15,000.00	\$15,000.00
	Campbell	Scarlett	1095-3500	\$7,400.00	\$7,400.00
	Edwards	Marcus	3509-5854	\$16,375.00	\$16,375.00
	Nelson	Hazel	4500-3522	\$22,500.00	\$22,500.00
	Novak	Violet	4500-2459	\$5,500.00	\$5,500.00
	Russo	Tyrell	5405-5342	\$6,175.00	\$6,175.00
	Smith	Mabel	4509-2534	\$5,175.00	\$5,175.00
	Wood	Alva	4350-2948	\$25,000.00	\$25,000.00
Summary for 'IName' = ParishFarm Insurance For Health (8 detail records)					
Sum					\$103,125.00
Sagigor Health Jamaica Limited					
	Bailey	Ava	2301-2839	\$12,000.00	\$3,000.00
	Dryden	Princess	2456-0987	\$12,000.00	\$3,000.00
	Foster	Camila	6534-8907	\$39,120.00	\$9,780.00
	Iglesias	Mario	9088-1237	\$36,696.00	\$9,174.00
	Palmer	Shanice	2490-7492	\$9,600.00	\$2,400.00
	Patel	Priyanka	4300-2596	\$12,400.00	\$3,100.00
	Riviera	Anthony	3690-7655	\$38,400.00	\$9,600.00
	Roberts	Martina	7600-9865	\$20,400.00	\$5,100.00
	Robinson	Mateo	9089-5690	\$11,200.00	\$2,800.00
	Wilkins	Carter	3240-1022	\$8,800.00	\$2,200.00
	Wilson	Vance	4005-7860	\$12,000.00	\$3,000.00
Summary for 'IName' = Sagigor Health Jamaica Limited (11 detail records)					
Sum					\$53,154.00
<u>Grand Total</u>					\$343,365.95
Tuesday, August 15, 2023					

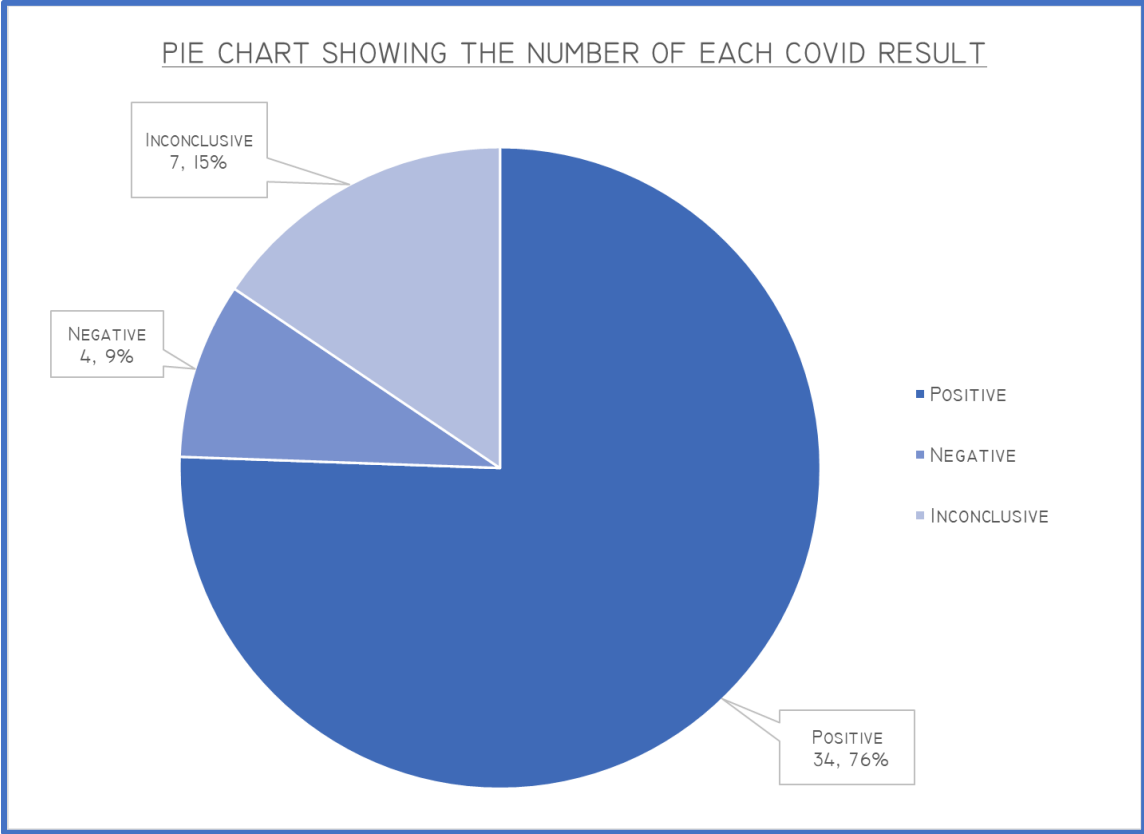


Project No-Rona

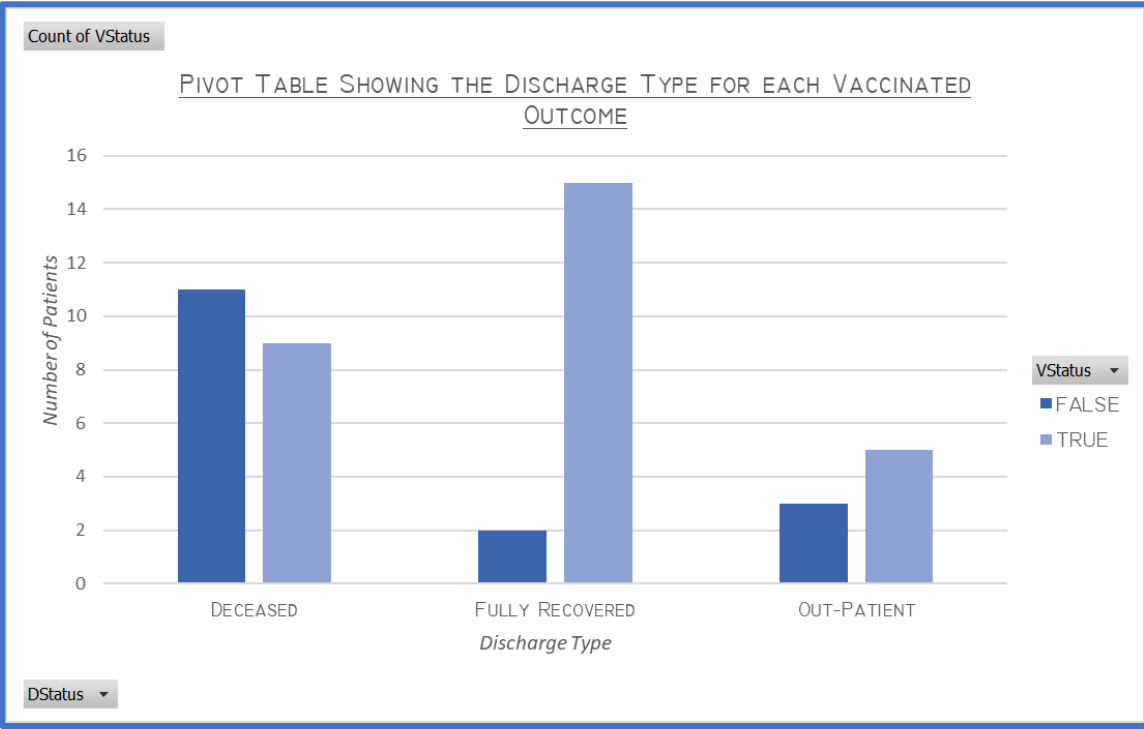
Covid Results

COVID RESULTS	
Positive	34
Negative	4
Inconclusive	7

A total of 45 individuals who were admitted to various hospitals were tested and distinguished into three (3) categories of Covid Results. Thirty-four (34) patients tested positive while four (4) presented negative results. However, a portion of seven (7) patients acquired inconclusive results.



The following pie chart showcases the number of patients accumulated under each Covid Result. It depicts Positive Covid Results occupying the largest portion with 34 patients (76%) while 4 patients (9%) comprise the Negative Covid Results.



The Pivot Table illustrates the Discharge Type (Fully Recovered, Deceased, Out-Patient) for every Vaccinated Outcome (True or False). It is observed that 29 patients were vaccinated while 16 were not. Upon analysis, majority of vaccinated patients (15) fully recovered from their Covid-related ailments while nine (9) succumbed to the illness. However, in contrast, many of the unvaccinated patients (11) fell victim to their illness while only two (2) fully recovered.



Project No-Rona

Hospital Admission Form



Hospital Admission Form

INSTRUCTIONS

- Please complete all the indicated fields of this form that are applicable to you, subsequently, the remaining fields will be completed by the nurse attendant. Thank you for your cooperation as our health care personnel strive to provide you with premium medical care.



PATIENT INFORMATION

PID	Please enter assigned Hospital Patient ID	TRN	Click or tap here to type TRN
FIRST NAME	Click or tap here to type first name	LAST NAME	Click or tap here to type last name
DOB	Click or tap to select date	GENDER	<input type="checkbox"/> Male <input type="checkbox"/> Female
ADDRESS	Click or tap here to type address	TOWN	Click or tap here to enter town of residence
PARISH	Click or tap here to enter parish	NOK	Click or tap here to type Next of Kin



MEDICAL RECORD

DATE	Click or tap here to select admission date	VSTATUS	<input type="checkbox"/> Yes <input type="checkbox"/> No
HOSPITAL	Choose the admitting hospital	DSTATUS	Choose the discharge status
INSURANCE	Choose the insurance company	COVID RESULT	Choose the covid result
CRFEES	Click or tap here to type Covid Related Fees	NDAYS	Click or tap here to type hospitalization period
SYMPTOMS	Click or tap here to type patient’s symptoms		



Project No-Rona

Project No Rona Website

Description

- The Project No Rona Team developed this website to operate as a comprehensive hub for accurate and timely Covid-19 information, offering resources, updates, and a dedicated team committed to public health awareness. This website provides the opportunity to empower and protect individuals with knowledge about Covid-19 and its symptoms combined with preventative measures that can be implemented to protect them. Contributing to the global fight against the virus with in-depth research and engaging content, it strives to be a reliable resource for navigating these challenging times. The Project No Rona website provides public access to a regularly updated report detailing a comprehensive overview of the current stance of Covid-19 within Jamaica, ensuring you stay connected and empowered with accurate information.

Link

<..\Web Based Design\Project No Rona\Homepage.html>



Project No-Rona

Screenshot

