

September 23, 2021

[REDACTED]

Sent via email: [REDACTED]@[REDACTED]

Dear [REDACTED]

**Re: You are entitled to the information you requested - 2021-[REDACTED]-HEA**

The Department of Health and Wellness received your application for access to information under the *Freedom of Information and Protection of Privacy Act* (the Act) on August 23, 2021.

In your application, you requested a copy of the following records:

*Amended August 25, 2021:*

*A breakdown of the following by week:*

1. COVID-19 Cases

a.) unvaccinated

b.) partially vaccinated

c.) fully vaccinated.

2. COVID-19 Deaths

a.) unvaccinated

b.) partially vaccinated

c.) fully vaccinated

3. COVID-19 Vaccine Adverse Effects

*Total number of Vaccines administered - partial and full*

a.) Number of Adverse Effects

b.) Number of Mild COVID-19 Vaccine Adverse Effects and what they were. For example sore arm, tired, headache etc

d.) Number of Serious COVID-19 Vaccine Adverse Effects (for example: no longer able to work, or function as they once did, requiring care)

4. Breakdown of Reported side effects following COVID-19 vaccination in Nova Scotia including numbers of individuals who have experienced the specific side effect.-

*(Date Range for Record Search: From 12/14/2020 To 8/22/2021)*

Responsive records have been located and are attached.

You have the right to ask for a review of this decision by the Information Access and Privacy Commissioner (formerly the Review Officer). You have 60 days from the date of this letter to exercise this right. If you wish to ask for a review, you may do so on Form 7, a copy of which is attached. Send the completed form to the Information Access and Privacy Commissioner, P.O. Box 181, Halifax, Nova Scotia B3J 2M4.

Please be advised that a de-identified copy of this disclosure letter and the attached response to your FOIPOP application will be made public after 14 days. The package will be posted online at <https://openinformation.novascotia.ca/>. The letter will not include your name, address, or any other personal information that you have supplied while making your application under FOIPOP.

Please contact Melinda Frelick at 902-424-6920 or by e-mail at [melinda.frelick@novascotia.ca](mailto:melinda.frelick@novascotia.ca), if you need further assistance regarding this application.

Sincerely,



Craig Beaton  
Associate Deputy Minister

Attachment

## FOIPOP Request 2021-01590-HEA

### Data Notes:

- Data source is Panorama and include data from December 14, 2020-August 22, 2021 for COVID-19 cases, deaths and AEFIs
- Cases and deaths captured in this dataset are those that meet the Public Health Agency of Canada case definition (<https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection/health-professionals/national-case-definition.html#dec>) :

#### Deceased case

- A probable or confirmed COVID-19 case whose death resulted from a clinically compatible illness, unless there is a clear alternative cause of death identified (e.g., trauma, poisoning, drug overdose).
- A Medical Officer of Health, relevant public health authority, or coroner may use their discretion when determining if a death was due to COVID-19, and their judgement will supersede the above-mentioned criteria.
- A death due to COVID-19 may be attributed when COVID-19 is the cause of death or is a contributing factor.

#### Confirmed case

A person with confirmation of infection with SARS-CoV-2 documented by:

- The detection of at least 1 specific gene target by a validated laboratory-based nucleic acid amplification test (NAAT) assay (e.g. real-time PCR or nucleic acid sequencing) performed at a community, hospital, or reference laboratory (the National Microbiology Laboratory or a provincial public health laboratory)  
**or**
- The detection of at least 1 specific gene target by a validated point-of-care (POC) NAAT that has been deemed acceptable to provide a final result (i.e. does not require confirmatory testing)  
**or**
- Seroconversion or diagnostic rise (at least 4-fold or greater from baseline) in viral specific antibody titre in serum or plasma using a validated laboratory-based serological assay for SARS-CoV-2

- Vaccine status is defined as follows:

**Unvaccinated:** Individuals meeting the national confirmed case definition of COVID-19 and having illness onset:

- <14 days post first dose of any COVID-19 vaccine
- After having received 0 doses of any COVID-19 vaccine

**Partially vaccinated:** Individuals meeting the national confirmed case definition of COVID-19 and have illness onset :

- ≥14 days post first dose of any COVID-19 vaccine or <14 days post second dose of any COVID-19 vaccine

**Fully vaccinated:** Individuals meeting the national confirmed case definition of COVID-19 and have illness onset:

- ≥14 days post second dose of any COVID-19 vaccine

- AEFI: Adverse events following immunization
  - The numbers included in the report reflect the number of AEFIs with a status of “Review complete”, “Review complete, follow-up required” or “Follow-up complete”

**AND**

a PHAC report date entered into Panorama
- Serious AEFI: An adverse event following immunization that has resulted in AT LEAST one of the following:
  - Hospitalization or prolongation of existing hospitalization;
  - Death or permanent disability/incapacity
- Non-serious AEFI: An adverse event following immunization that does not meet the criteria for a serious AEFI (as described above) and meets the criteria below:
  - A reaction that did not require hospitalization or prolongation of existing hospitalization
  - A reaction that did not result in death or permanent disability/incapacity
- Reaction Type:

Local reaction:

- Local reaction at or near vaccination site include the following:
  - Infected abscess
  - Sterile abscess
  - Cellulitis
  - Reaction crosses joint
  - Lymphadenitis
  - Other, specify

Allergic reaction:

- Allergic and Allergic-like events include the following:
  - Anaphylaxis
  - Oculo-Respiratory Syndrome (ORS)
  - Other allergic events
- Allergic reactions are further classified into the following categories:
  - Skin/mucosal
  - Cardio-vascular
  - Respiratory
  - Gastrointestinal

Neurologic reaction:

- Neurologic events include the following:
  - Meningitis
  - Encephalopathy/Encephalitis
  - Guillain-Barre Syndrome (GBS)
  - Bell’s Palsy
  - Other Paralysis
  - Seizure
  - Anaesthesia
  - Paraesthesia
  - Other neurologic diagnosis, specify

**Other reaction:**

- Other events include the following:
    - Hypotonic-Hyporesponsive Episode (age <2 years)
    - Persistent crying
    - Intussusception
    - Arthritis
    - Parotitis
    - Rash (non-allergic)
    - Thrombocytopenia
    - Severe vomiting
    - Severe diarrhea
    - Fever  $\geq 38.0^{\circ}\text{C}$
    - Other serious or unexpected event(s) not listed
1. COVID-19 Cases and 2. Deaths: a.) unvaccinated, b.) partially vaccinated, c.) fully vaccinated.

**Table 1: COVID-19 Cases and Deaths by vaccine status and week, December 13, 2020-August 21, 2021\***

Week Starting On	Cases			Deaths		
	Fully Vaccinated	Partially Vaccinated	Unvaccinated	Fully Vaccinated	Partially Vaccinated	Unvaccinated
13-Dec-20	0	0	38	0	0	0
20-Dec-20	0	0	27	0	0	0
27-Dec-20	0	0	21	0	0	0
03-Jan-21	0	0	27	0	0	0
10-Jan-21	0	0	21	0	0	0
17-Jan-21	0	0	10	0	0	0
24-Jan-21	0	0	6	0	0	0
31-Jan-21	0	0	8	0	0	0
07-Feb-21	0	0	14	0	0	0
14-Feb-21	0	0	24	0	0	0
21-Feb-21	0	0	22	0	0	0
28-Feb-21	0	0	13	0	0	0
07-Mar-21	0	0	14	0	0	0
14-Mar-21	0	0	20	0	0	1
21-Mar-21	0	0	18	0	0	0
28-Mar-21	0	0	33	0	0	0
04-Apr-21	1	1	40	0	0	0
11-Apr-21	0	1	77	0	0	1
18-Apr-21	2	6	495	0	0	0
25-Apr-21	3	35	1014	0	0	1
02-May-21	4	40	860	0	0	7
09-May-21	7	52	610	0	3	6
16-May-21	4	33	383	1	0	6
23-May-21	3	24	166	0	0	1
30-May-21	1	15	73	0	0	0
06-Jun-21	1	13	43	0	0	0
13-Jun-21	0	0	42	0	0	0
20-Jun-21	0	4	37	0	0	0
27-Jun-21	1	3	22	0	0	0
04-Jul-21	0	3	2	0	0	1
11-Jul-21	0	3	2	0	0	0
18-Jul-21	2	3	9	0	0	0
25-Jul-21	1	3	3	0	0	1
01-Aug-21	2	7	7	0	0	0
08-Aug-21	8	3	21	0	0	0
15-Aug-21	10	3	31	0	0	0

\*The date range was amended to maintain full weeks

3. COVID-19 Vaccine Adverse Effects: Total number of Vaccines administered - partial and full

**Table 2: Number of COVID-19 doses administered, by dose number and week, December 14, 2020-August 22, 2021**

<b>Week Starting On</b>	<b>Dose 1</b>	<b>Dose 2</b>	<b>Total</b>
13-Dec-20	1111	0	<b>1111</b>
20-Dec-20	1129	0	<b>1129</b>
27-Dec-20	504	0	<b>504</b>
03-Jan-21	23	1076	<b>1099</b>
10-Jan-21	3414	1131	<b>4545</b>
17-Jan-21	2730	501	<b>3231</b>
24-Jan-21	3710	22	<b>3732</b>
31-Jan-21	902	2412	<b>3314</b>
07-Feb-21	2393	3024	<b>5417</b>
14-Feb-21	1360	3502	<b>4862</b>
21-Feb-21	4145	1208	<b>5353</b>
28-Feb-21	4932	1786	<b>6718</b>
07-Mar-21	7649	1836	<b>9485</b>
14-Mar-21	9397	4119	<b>13516</b>
21-Mar-21	25421	4340	<b>29761</b>
28-Mar-21	20155	5629	<b>25784</b>
04-Apr-21	33301	1972	<b>35273</b>
11-Apr-21	56844	1814	<b>58658</b>
18-Apr-21	65067	2755	<b>67822</b>
25-Apr-21	45662	2069	<b>47731</b>
02-May-21	42399	1247	<b>43646</b>
09-May-21	62617	1442	<b>64059</b>
16-May-21	72979	1947	<b>74926</b>
23-May-21	77357	1763	<b>79120</b>
30-May-21	54209	1008	<b>55217</b>
06-Jun-21	55902	6435	<b>62337</b>
13-Jun-21	44386	32114	<b>76500</b>
20-Jun-21	13558	85426	<b>98984</b>
27-Jun-21	6096	108862	<b>114958</b>
04-Jul-21	7155	117186	<b>124341</b>
11-Jul-21	6044	92711	<b>98755</b>
18-Jul-21	6350	71838	<b>78188</b>
25-Jul-21	6027	60474	<b>66501</b>
01-Aug-21	4397	31936	<b>36333</b>
08-Aug-21	2455	11828	<b>14283</b>
15-Aug-21	2596	11095	<b>13691</b>
22-Aug-21	8	58	<b>66</b>
<b>Total</b>	<b>754384</b>	<b>676566</b>	<b>1430950</b>

a) Number of Adverse Effects; b) Number of Mild COVID-19 Vaccine Adverse Effects and what they were. For example sore arm, tired, headache etc ; c) Number of Serious COVID-19 Vaccine Adverse Effects (for example: no longer able to work, or function as they once did, requiring care)

**Table 3: Number of Adverse Events Following COVID-19 Immunization (Non-Serious, Serious and Total), by week, December 14, 2020-August 22, 2021**

<b>Week Starting On</b>	<b>Non-Serious</b>	<b>Serious</b>	<b>Total</b>
13-Dec-20	0	0	<b>0</b>
20-Dec-20	1	0	<b>1</b>
27-Dec-20	0	0	<b>0</b>
03-Jan-21	0	0	<b>0</b>
10-Jan-21	1	0	<b>1</b>
17-Jan-21	0	0	<b>0</b>
24-Jan-21	1	0	<b>1</b>
31-Jan-21	0	0	<b>0</b>
07-Feb-21	7	1	<b>8</b>
14-Feb-21	3	0	<b>3</b>
21-Feb-21	5	0	<b>5</b>
28-Feb-21	1	0	<b>1</b>
07-Mar-21	1	0	<b>1</b>
14-Mar-21	3	0	<b>3</b>
21-Mar-21	12	0	<b>12</b>
28-Mar-21	6	1	<b>7</b>
04-Apr-21	9	0	<b>9</b>
11-Apr-21	16	0	<b>16</b>
18-Apr-21	14	2	<b>16</b>
25-Apr-21	13	0	<b>13</b>
02-May-21	19	3	<b>22</b>
09-May-21	16	1	<b>17</b>
16-May-21	15	7	<b>22</b>
23-May-21	15	1	<b>16</b>
30-May-21	18	5	<b>23</b>
06-Jun-21	26	5	<b>31</b>
13-Jun-21	19	8	<b>27</b>
20-Jun-21	25	9	<b>34</b>
27-Jun-21	27	1	<b>28</b>
04-Jul-21	23	4	<b>27</b>
11-Jul-21	14	6	<b>20</b>
18-Jul-21	16	10	<b>26</b>
25-Jul-21	6	4	<b>10</b>
01-Aug-21	11	6	<b>17</b>
08-Aug-21	34	5	<b>39</b>
15-Aug-21	23	4	<b>27</b>
22-Aug-21	0	0	<b>0</b>
<b>Total</b>	<b>400</b>	<b>83</b>	<b>483</b>

4. Breakdown of Reported side effects following COVID-19 vaccination in Nova Scotia including numbers of individuals who have experienced the specific side effect

**Table 4: Number of Adverse Events Following COVID-19 Immunization, by reaction type and week, December 14, 2020-August 22, 2021**

Week Starting On	Local	Allergic	Neurologic	Other	Missing	Total
13-Dec-20	0	0	0	0	0	0
20-Dec-20	0	1	0	0	0	1
27-Dec-20	0	0	0	0	0	0
03-Jan-21	0	0	0	0	0	0
10-Jan-21	0	1	0	0	0	1
17-Jan-21	0	0	0	0	0	0
24-Jan-21	1	0	0	0	0	1
31-Jan-21	0	0	0	0	0	0
07-Feb-21	3	3	0	2	0	8
14-Feb-21	1	2	0	0	0	3
21-Feb-21	0	2	1	2	0	5
28-Feb-21	0	0	1	0	0	1
07-Mar-21	0	0	0	1	0	1
14-Mar-21	0	3	0	0	0	3
21-Mar-21	3	7	1	0	1	12
28-Mar-21	1	3	1	2	0	7
04-Apr-21	2	2	0	5	0	9
11-Apr-21	5	6	1	4	0	16
18-Apr-21	1	10	3	2	0	16
25-Apr-21	3	10	0	0	0	13
02-May-21	2	13	5	2	0	22
09-May-21	2	11	1	3	0	17
16-May-21	0	9	5	8	0	22
23-May-21	6	6	3	1	0	16
30-May-21	3	10	4	6	0	23
06-Jun-21	5	15	4	7	0	31
13-Jun-21	1	11	6	9	0	27
20-Jun-21	0	17	6	11	0	34
27-Jun-21	1	17	5	4	1	28
04-Jul-21	5	10	3	9	0	27
11-Jul-21	0	8	2	10	0	20
18-Jul-21	1	5	0	20	0	26
25-Jul-21	0	3	0	6	1	10
01-Aug-21	0	6	2	9	0	17
08-Aug-21	7	12	6	14	0	39
15-Aug-21	3	10	6	8	0	27
22-Aug-21	0	0	0	0	0	0
<b>Total</b>	<b>56</b>	<b>213</b>	<b>66</b>	<b>145</b>	<b>3</b>	<b>483</b>