

December 3, 2021

Dear [REDACTED]

Re: You are entitled to the information you requested - 2021-01805-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 September 29, 2021.

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

Amended October 25, 2021:

Number of people, broken down by age category and gender that were treated and/or hospitalized for SARS-CoV-2, Nova Scotia wide, and specifically broken down by four categories.:

1: How many unvaccinated people were hospitalized and/or treated, and whether the care was general or in ICU;

2: Vaccinated: 1st Vaccine given: How many people required treatment and/or were hospitalized (all levels of care broken down) immediately following the 1st vaccination, up to and including 14 days after the vaccination;*

3: Vaccinated: 2nd Vaccine given: How many people required treatment and/or were hospitalized (all levels of care broken down) immediately following the 2nd vaccination up to and including 14 days after the vaccination;*

4: Vaccinated: Admitted to and/ or treated at a hospital with adverse reactions to any of the vaccines

**Note that all levels of care include emergency care, general admittance, ICU admittance immediately or transferred into, and any other levels of care/hospitalizations not specifically mentioned*

In addition to the above, records that provide the distinct description and definition of a SARS-CoV-2 (COVID-19) CASE that Dr. Strang relies on.

(Date Range for Record Search: From 12/31/2020 To 9/29/2021)

Responsive records have been located and are attached. The COVID-19 case definitions that the Department relies on can be found here: <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection/health-professionals/national-case-definition.html#nat>

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, if you need further assistance regarding this application.

Sincerely,



Craig Beaton
Associate Deputy Minister

Attachment

2021-01805-HEA FOIPOP Request: COVID-19 unvaccinated cases requiring treatment and adverse events following immunization (AEFIs) requiring treatment

Date of AEFI data pull: November 10, 2021

Date of COVID-19 case data pull: November 9, 2021

Data source: Panorama

Part 1: Number of unvaccinated individuals who were hospitalized due to COVID-19, and whether the case was general or in ICU, cases with episode date range of 12/31/2020 to 09/29/2021 (n=271).

Overall:

Care level	Number
Non-ICU hospitalization	194
ICU hospitalization	77

Please note: we do not keep detailed records for emergency care or non-urgent visits among COVID-19 cases. Unvaccinated was defined as individuals who have received no vaccine dose at time of illness, or who had received their first dose less than 14 days before illness onset. Most severe level of care reported only.

By Sex:

Sex	Number of non-ICU hospitalizations	Number of ICU hospitalizations
Male	100	40
Female	94	37

Please note: we do not keep detailed records for emergency care or non-urgent visits among COVID-19 cases. Unvaccinated was defined as individuals who have received no vaccine dose at time of illness, or who had received their first dose less than 14 days before illness onset. Most severe level of care reported only.

By Age:

Age (years)	Number of non-ICU hospitalizations	Number of ICU hospitalizations
0-29	20	11
30-49	67	20
50-64	54	28
65+	53	18

Please note: we do not keep detailed records for emergency care or non-urgent visits among COVID-19 cases. Unvaccinated was defined as individuals who have received no vaccine dose at time of illness, or who had received their first dose less than 14 days before illness onset. Most severe level of care reported only.

Out of the hundreds of thousands of Nova Scotians who have received COVID-19 vaccines, the number of individuals who were hospitalized and/or required treatment is as follows:

Part 2: Number of individuals who required treatment and/or were hospitalized up to and including 14 days following their first dose of vaccine, by level of care (non-urgent care visit, emergency visit, hospitalization), cases with PHAC reported date range of 12/31/2020 to 09/29/2021, Nova Scotia (n=256).

Overall:

Care Level	Number
Non-urgent care visit	67
Emergency visit	157
Hospitalization (non-ICU or ICU)	32

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization.

By Sex:

Sex	Non-urgent care visit	Emergency visit	Hospitalization (non-ICU or ICU)
Male	11	36	16
Female	56	121	16

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization.

By Age:

Age	Non-urgent care visit	Emergency visit	Hospitalization (non-ICU or ICU)
12-29	NR	27	NR
30-49	28	47	9
50-64	NR	53	NR
65+	13	30	17

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization. NR = not reportable as cell is either <5 or would allow for determining the number in a cell <5 from total in Part 4.

Part 3: Number of individuals who required treatment and/or were hospitalized up to and including 14 days following their second dose of vaccine, by level of care (non-urgent care visit, emergency visit, hospitalization), cases with PHAC reported date range of 12/31/2020 to 09/29/2021, Nova Scotia (n=120).

Overall:

Care Level	Number
Non-urgent care visit	20
Emergency visit	55
Hospitalization (non-ICU or ICU)	45

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization.

By Sex:

Sex	Non-urgent care visit	Emergency visit	Hospitalization (non-ICU or ICU)
Male	5	13	30
Female	15	42	15

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization.

By Age:

Age	Non-urgent care visit	Emergency visit	Hospitalization (non-ICU or ICU)
12-29	NR	12	NR
30-49	7	17	8
50-64	NR	17	NR
65+	8	9	7

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization. NR = not reportable as cell is either <5 or would allow for determining the number in a cell <5 from total in Part 4.

Part 4: Number of individuals who required treatment and/or were hospitalized up to and including 14 days following any dose of vaccine, by level of care (non-urgent care visit, emergency visit, hospitalization), cases with PHAC reported date range of 12/31/2020 to 09/29/2021, Nova Scotia (n=376).

Overall:

Care Level	Number
Non-urgent care visit	87
Emergency visit	212
Hospitalization (non-ICU or ICU)	77

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization.

By Sex:

Sex	Non-urgent care visit	Emergency visit	Hospitalization (non-ICU or ICU)
Male	16	49	46
Female	71	163	31

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization.

By Age:

Age	Non-urgent care visit	Emergency visit	Hospitalization (non-ICU or ICU)
12-29	9	39	26
30-49	35	64	17
50-64	22	70	10
65+	21	39	24

Please note: we do not keep detailed records for hospitalization type (ICU vs non-ICU) for AEFIs. Most severe level of care reported only. Hospitalizations include new hospitalization and prolongation of existing hospitalization.