

June 3, 2022



Sent via email: [REDACTED]@ [REDACTED]

Dear [REDACTED]:

Re: You are entitled to the information you requested – 2022-00626-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 April 21, 2022.

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

Amended May 2, 2022:

A breakdown of the following by month:

1. *COVID-19 Cases broken down by month*

- a) unvaccinated – after having received 0 doses of any COVID-19 vaccine*
- b) unvaccinated - <14 days post first dose of any COVID-19 vaccine*
- c) partially vaccinated*
- d) fully vaccinated*

(Date range January 2022- April 2022)

A breakdown of the following by month:

2. *Vaccination Status of COVID-19 Deaths*

- a) unvaccinated – after having received 0 doses of any COVID-19 vaccine*
- b) unvaccinated - <14 days post first dose of any COVID-19 vaccine*
- c) partially vaccinated*
- d) fully vaccinated*

(Date range August 2021- April 2022)

3. *All COVID-19 hospital visits, hospitalizations and ICU Hospitalizations broken down by month:*

- a) unvaccinated – after having received 0 doses of any COVID-19 vaccine*
- b) unvaccinated - <14 days post first dose of any COVID-19 vaccine*
- c) partially vaccinated*
- d) fully vaccinated*

(Date range August 2021- April 2022)

5. *A continuation of Table 2, 3 and 4:*

- a). Number of COVID-19 doses administered, by dose number and month*
(Date range January 2022- April 2022)

*b). Number of Adverse Events Following COVID-19 Immunization (Non-Serious, Serious and Total), by month
(Date range August 2021- April 2022)*

*c). Number of Adverse Events Following COVID-19 Immunization, by reaction type and month
(Date range August 2021- April 2022)*

*6. Cumulative Data on the number of people who have experienced Serious Adverse Events who have
a) died
b) have a permanent disability
c) incapacity
d) required hospitalization or prolongation of existing hospitalization
(Total cumulative value as of April 19, 2022)
(Date Range for Record Search: From 12/31/2020 To 4/19/2022)*

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, if you need further assistance regarding this application.

Sincerely,



Kathleen Trott
Associate Deputy Minister

Attachment

FOIPOP Request 2022-00626-HEA

Data Notes:

- Data source is Panorama and includes data for August 01, 2021 to April 30, 2022 (cumulative serious outcomes are, per the request, drawn from data going back to December 16, 2020.
 - Note that PCR testing criteria changed substantially during the reporting period (being primarily available to those age 50+)
 - Data entry of cases during the recent Omicron wave (corresponding roughly from 08DEC2021 to present) is incomplete.
 - Per the request, the unvaccinated category (defined below) has been split into those that have never received a dose of a COVID-19 vaccine, and those that are within 14 days of having received their first dose (i.e., considered to be not effectively immunized against SARS-CoV-2).
- Cases 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>):

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 definitions:

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
-

Request:

Amended May 2J 2022.'

A breakdown of the following by month:

1. COV/D-19 Cases broken down by month

a) UhVacclnated- after having received 0 doses of any COVID-19 vaccine

b) unvaccinated - <14 days post first dose of any COVID-19 vaccine

c) partially vaccinated

d) fully vaccinated

(Date range January 2022-April 2022)

A breakdown of the following by month:

2. Vaccination Status of COVID-19 Deaths

a) unvaccinated • after having received 0 doses of any COVID-19 vaccine

b) unvaccinated - <14 days post first dose of any COVfD-19 vaccine

c) partially vaccinated

d) fully vaccinated

(Date range August 2021-April 2022)

3. All COVID-19 hospitdl visits, hosp ta/ zations and fCU Hospitdlziationhs broken dowh by month:

a) unvaccinated • after having received 0 doses of any COVID-19 vaccine

b) LInvaccinated - <14 days post first dose of any COV/D-19 vaccine

c) partially vaccinated

d} fully vaccinated

(Date range August 2021-Aprif 2022)

5. A continuation of Table 2, 3 and 4:

a). Number of COVID-19 doses administer.ed, by dose number and month

(Date range January 2022-Aprif/ 2022)

b). Number of Adverse Events Following COV/0-19 Immunization (Non-Serious, Serious and Total), by month

(Date range August 2021-AP, ril 2022)

c). Number of Adverse Events Following COVID-19 Immunization, by reaction type and month

(Dote range August 2021-April 2022)

6. Cumulotrve Data on the number of people who hove experienced Serious Adverse Events who hove

a) died

b) have a permanent disability

c) incapacity

d) required hospitalization or prolongation of existing hospitalization

(Total cumulative value as of April 30, 2022)

Table 1. COVID-19 cases by immunization status (01JAN2021 to 3DAPR2022}

Month of Reporting	Unvaccinated	One Dose (< 14 Days)	One Dose (14+ Days)	Two or More Doses
JAN2022	341	43	149	2640
FEB2022	281	18	154	1475
MAR2022	244	3	106	1363
APR2022	338	1	110	1231

Table 2. COVID-19 hospitalizations by immunization status (01AUG2021 to 30APR2022.2)

Month of Reporting	Unvaccinated	One Dose (< 14 Days)	One Dose (14+ Days)	Two or More Doses
AUG2021	1	0	0	0
SEP2021	16	2	10	5
OCT2021	3	1	6	8
NOV2021	13	1	7	9
DEC2021	5	0	2	34
JAN2022	32	5	10	110
FEB2022	36	1	5	58
MAR2022	23	0	2	16
APR2022	30	0	4	28

Table 3. COVID-19 ICU admissions by immunization status (01AUG2021 to 30APR2022)

Month of Reporting	Unvaccinated	One Dose (< 14 Days)	One Dose (14+ Days)	Two or More Doses
AUG2021	0	0	0	0
SEP2021	2	0	2	2
OCT2021	2	1	1	0
NOV2021	3	1	4	5
DEC2021	2	0	1	5
JAN2022	6	4	1	21
FEB2022	9	0	2	12
MAR2022	7	0	1	2
APR2022	6	0	1	9

Table 4. COVID-19 deaths by immunization status (01AUG2021 to 30APR2022)

Month of Reporting	Unvaccinated	One Dose (< 14 Days)	One Dose (14+ Days)	Two or More Doses
AUG2021	0	0	0	0
SEP2021	2	0	0	3
OCT2021	2	0	0	1
NOV2021	2	0	1	7
DEC2021	1	0	1	7
JAN2022	15	0	1	51
FEB2022	17	2	4	21
MAR2022	9	0	2	18
APR2022	17	0	1	12

Table 5. New COVID-19 immunizations (DIJAN2D22 to 3DAPR2D22)

Month of Reporting	1st Doses	2nd Doses	3rd Doses
JAN2022	13879	8156	302242
FEB2022	4947	25271	64540
MAR2022	1066	6110	10436
APR2022	888	2909	28035

Table 6. New adverse events following COVID-19 ;mmunization by severity (01AUG2021 to 30APR2022)

Month of Reporting	Non-Serious	Serious	Total
AUG2021	.57	5	62
SEP2021	23	6	29
OCT2021	.39	8	47
NOV2021	28	11	39
DEC2021	26	5	31
JAN2022	27	3	30
FEB2022	24	27	51
MAR2022	.36	8	44
APR2022	65	14	79

Table 7. New adverse events following COVID-19 immunization by type (01AUG2021 to 30APR2022)

Month of Reporting	Allergic Reaction	Local Reaction	Neurologic	Other	Missing Incomplete Data
AUG20,21	22	7	12	21	0
SEP2021	5	6	8	10	0
OCT2021	13	1	10	22	1
NOV2021	7	2	3	24	3
DEC2021	7	4	8	12	0
JAN2022	13	2	3	12	0
FEB2022	8	3	7	33	0
MAR2022	16	2	6	20	0
APR2022	27	12	1	39	0

Table 8. Cumulative outcomes among Nova Scotians reporting serious adverse events following COVID-19 immunization (16DEC2020 to 30APR2022)

Recovered	Not Vet Recovered	Permanent Disability Incapacity	Death	Unknown
17	87	7	11	8

Note: Prolongation of an existing hospitalization rs captured separately from the above outcomes however, to the requested end-point, this event has been documented twice in the province's data.

* Vaccination status for the above tables is determined at time of case detection, not time of hospitalization or death.