FOIPOP Request 2022-00547-HEA

Data Notes:

- Data source is Panorama and include data from February 29, 2020 - March 31, 2022.
- Cases captured in this dataset are those that meet the Public Health Agency of Canada case definition (National case definition: Coronavirus disease (COVID-19) - Canada.ca)

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:

Not Fully Vaccinated:

- **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 O doses of any COVID-19 vaccine*
- **Partially vaccinated:** Individuals meeting the national confirmed case definition of COVI D-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

- **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*

- Deaths captured in this dataset are those that meet the Public Health Agency of Canada case definition (National case definition: Coronavirus disease (COVID-19) - Canada.ca)

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.

Request:

I would like to request an update on FOIPOP 2021-01142-HEA (to learn all the comorbidity data that the people had who died 'with' or 'from' COVID-19) with 1.) a breakdown in ages as follows: 0-12, 13-19, 20-29, 30-39, 40-49, 50-59, 60-69,70-79, 80-89, 90+ 2.) and a breakdown on how many of the total were fully vaccinated. 3. How many died of the total in Long Term Care or a nursing home.

Please include an updated Table 1 with the age ranges noted above as well as Table 2 and Table 3. with a break down with how many were fully vaccinated.

Thank you!
(Date Range for Record Search: From 02/29/2020 To 03/31/2022)

Table 1: Summary of Covid-19 deaths by age group and vaccine status (February 29, 2020 – March 31, 2022)

Age Group	Not Fully Vaccinated	Fully vaccinated
0-12	<5	0
13-19	0	0
20- 29	0	0
30 - 39	<5	<5
40 - 49	0	<5
50 - 59	9	5
60 - 69	24	16
70 - 79	39	37
80 - 89	47	47
>90	22	24
Total	**144**	**133**

Table 2: Summary of Covid-19 deaths by sex and vaccine status (February 29, 2020 – March 31, 2022)

Gender	Not Fully Vaccinated	Fully vaccinated	Total
Male	78	69	147
Female	66	64	130
Total	**144**	**133**	**277**

Table 3: Summary of the number of Covid-19 deaths by comorbidities (February 29, 2020 – March 31, 2022)

Comorbidities	n	%
Cancer	7	5.30%
Cardiac disorder	67	50.76%
Chronic renal disease	12	9.09%
Diabetes – Type 1 % 2	27	20.45%
Immunocompromised conditions	6	4.55%
Neurological conditions	54	40.91%
Pulmonary disorders	22	16.67%

*Notes: During the Omicron wave and the high demand on public health, the data for comorbidities was not consistently completed. This section was partially or fully completed for some of the records. Therefore, the denominator used to calculate the proportion of Covid-19 deaths with the associated comorbidity is the number of records that has this section at least partially completed.

Table 4: Summary of Covid-19 deaths by LTC/RCF (February 29, 2020 – March 31, 2022)

LTC/RCF	n	%
Yes	46	17%
No	231	83%
Total	**277**	**100%**

*Note: LTC = Long-Term Care Facility; RCF = Residential Care Facility