

Our Health Counts London linkage to Institute of Clinical and Evaluative Sciences (ICES) COVID-19 data holdings

Incidence of positive COVID-19 cases and proportion of COVID-19 tests, hospitalizations and vaccinations among First Nations, Inuit, and Métis (FNIM) living in London.

Data reported as of: **June 20, 2022**

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Well Living House

COVID-19 VACCINATIONS

Table 1: Proportion of FNIM adults in London who have received first, second and third doses of COVID-19 vaccination as of June 20, 2022 in comparison to general London and Ontario population. Results from Our Health Counts London data linkage to ICES COVID-19 data.

	FNIM Population in London*		City of London Population		Ontario Population	
	n	HCG-Adjusted Proportion % [95% Confidence Interval]	n	Proportion %	n	Proportion %
First Dose	232	69.03 [60.85, 77.20]	302,621	87.04	10,524,580	85.73
Second Dose	215	67.27 [58.94, 75.59]	297,057	85.44	10,332,626	84.17
Third Dose	104	27.40 [19.77, 35.03]	197,428	56.79	6,880,430	56.05
Fourth Dose	16	5.35 [1.40, 9.31]	39,584	11.39	1,195,879	9.74
Total	358		347,666		12,276,072	

*Our Health Counts London FNIM adult (15+) population living in London as of December 31, 2019, excluding seeds

COVID-19 VACCINATIONS

Figure 1: Proportion of FNIM adults in London who have received first dose of COVID-19 vaccination over time in comparison to general London and Ontario population. Results from Our Health Counts London data linkage to ICES COVID-19 data.

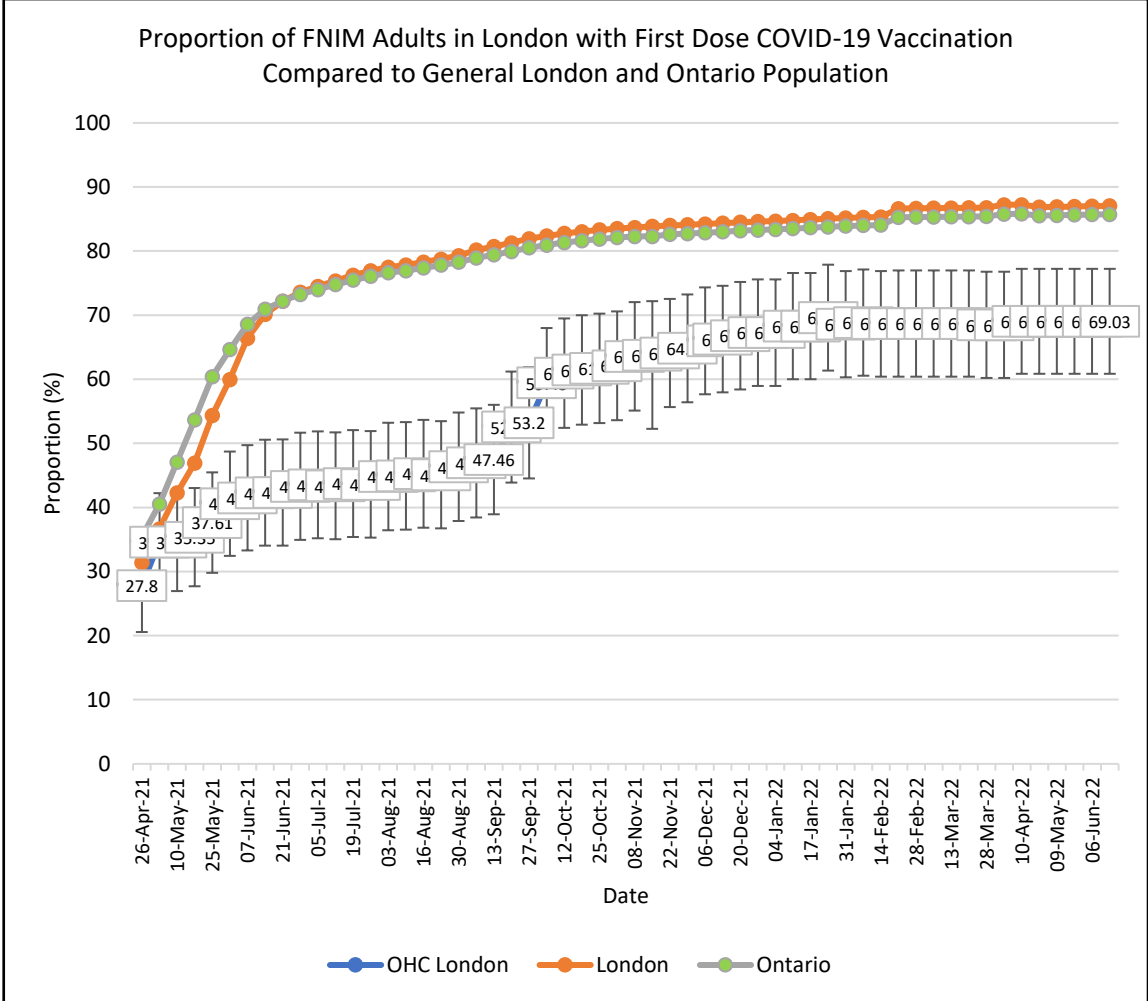
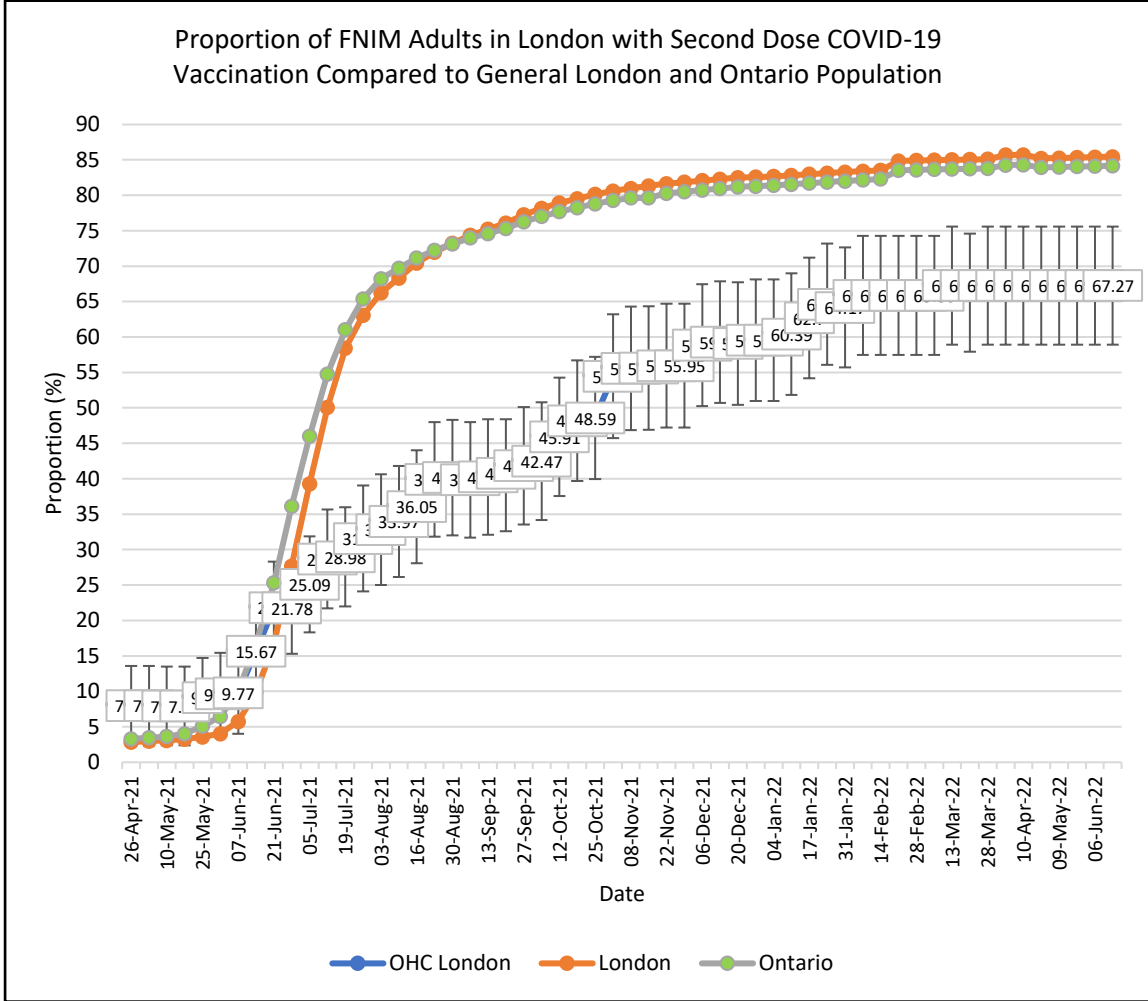
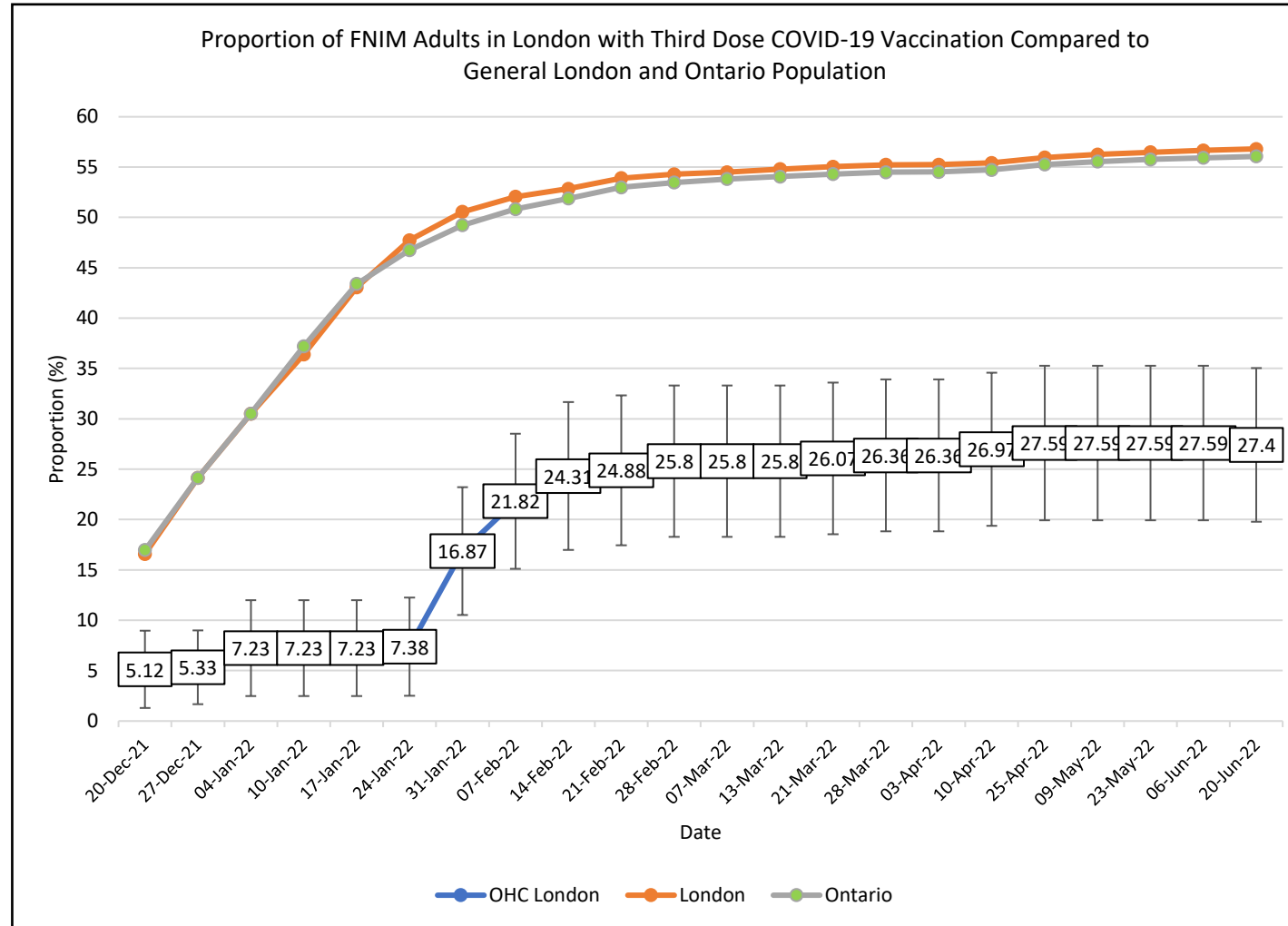


Figure 2: Proportion of FNIM adults in London who have received second dose of COVID-19 vaccination over time in comparison to general London and Ontario population. Results from Our Health Counts London data linkage to ICES COVID-19 data.



COVID-19 VACCINATIONS

Figure 3: Proportion of FNIM adults in London who have received third dose of COVID-19 vaccination over time in comparison to general London and Ontario population. Results from Our Health Counts London data linkage to ICES COVID-19 data.



FIRST DOSE COVID-19 VACCINATIONS

Figure 3: RDS-II Adjusted Proportion of Indigenous adults who have received first dose of COVID-19, stratified by age

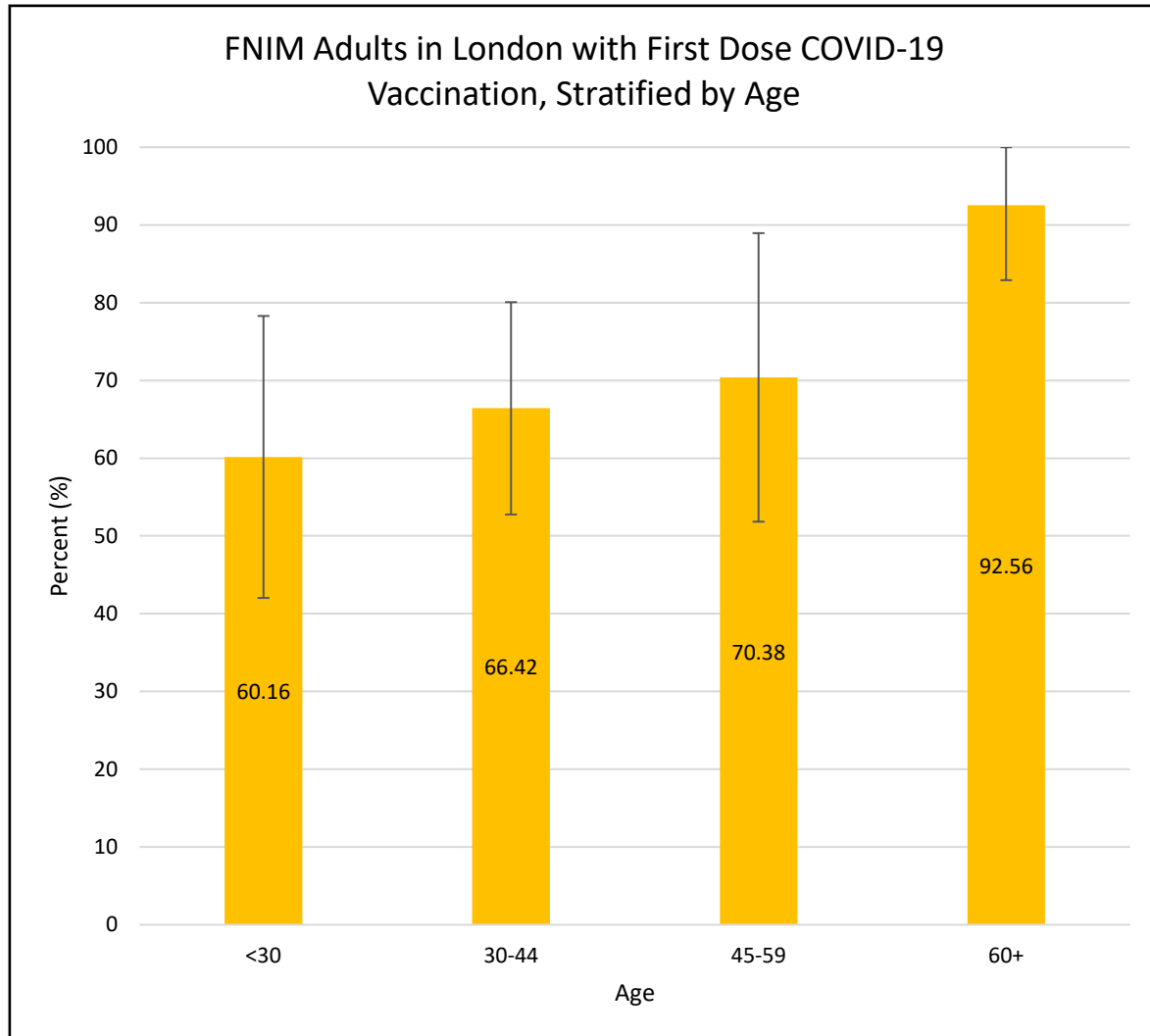
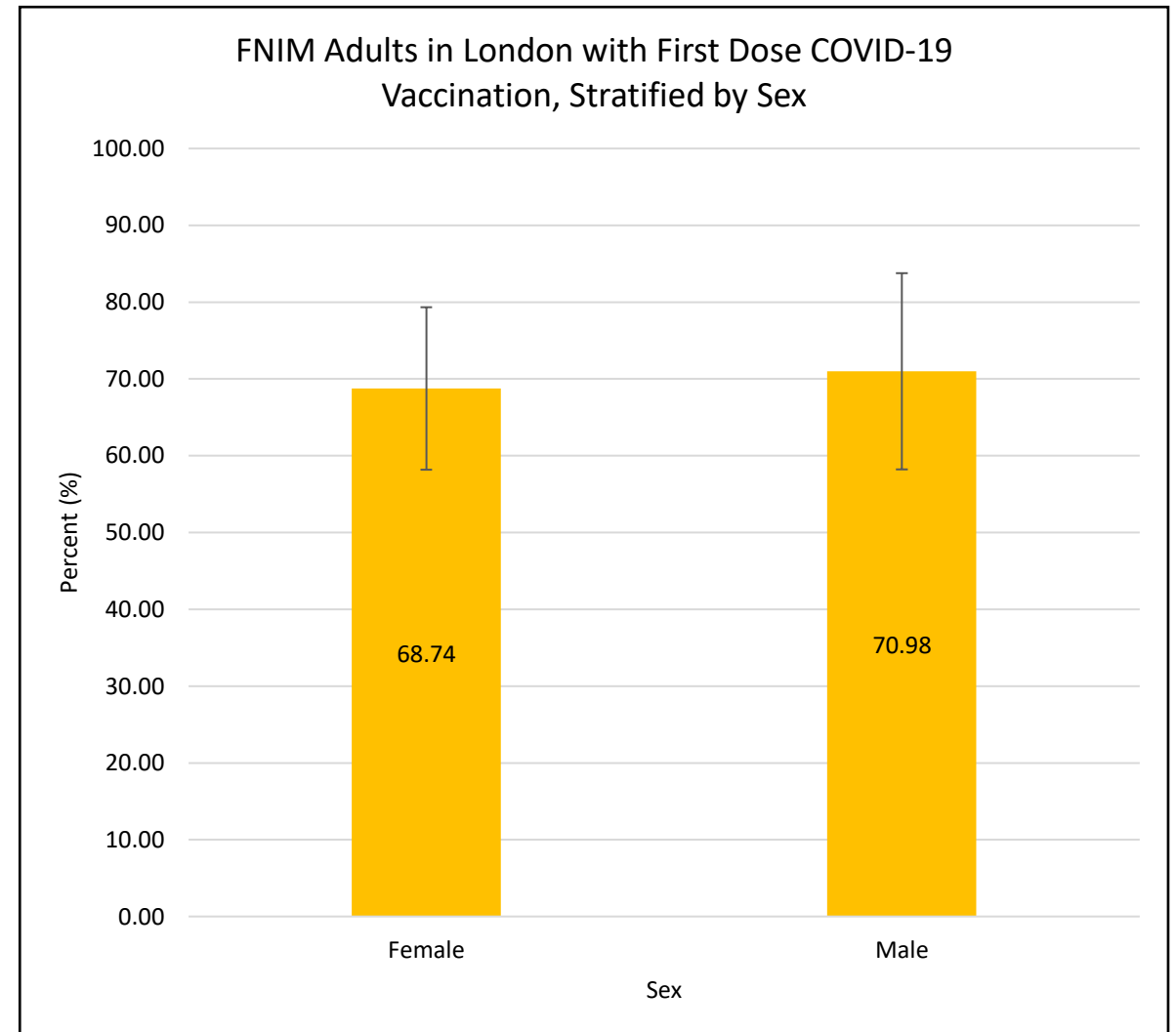


Figure 4: HCG Adjusted Proportion of Indigenous adults who have received first dose of COVID-19, stratified by sex



SECOND DOSE COVID-19 VACCINATIONS

Figure 5: RDS-II Adjusted Proportion of Indigenous adults who have received second dose of COVID-19, stratified by age

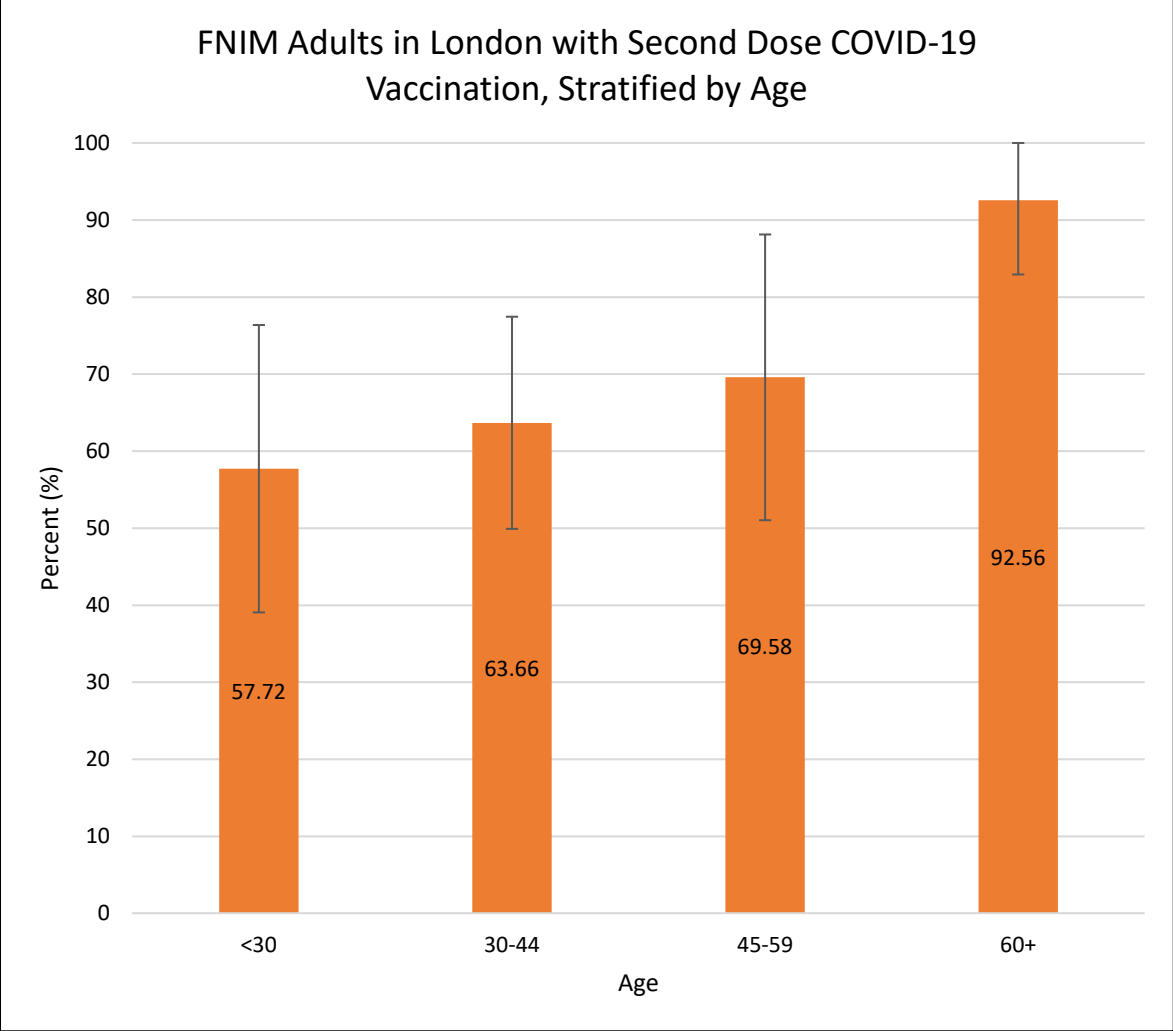
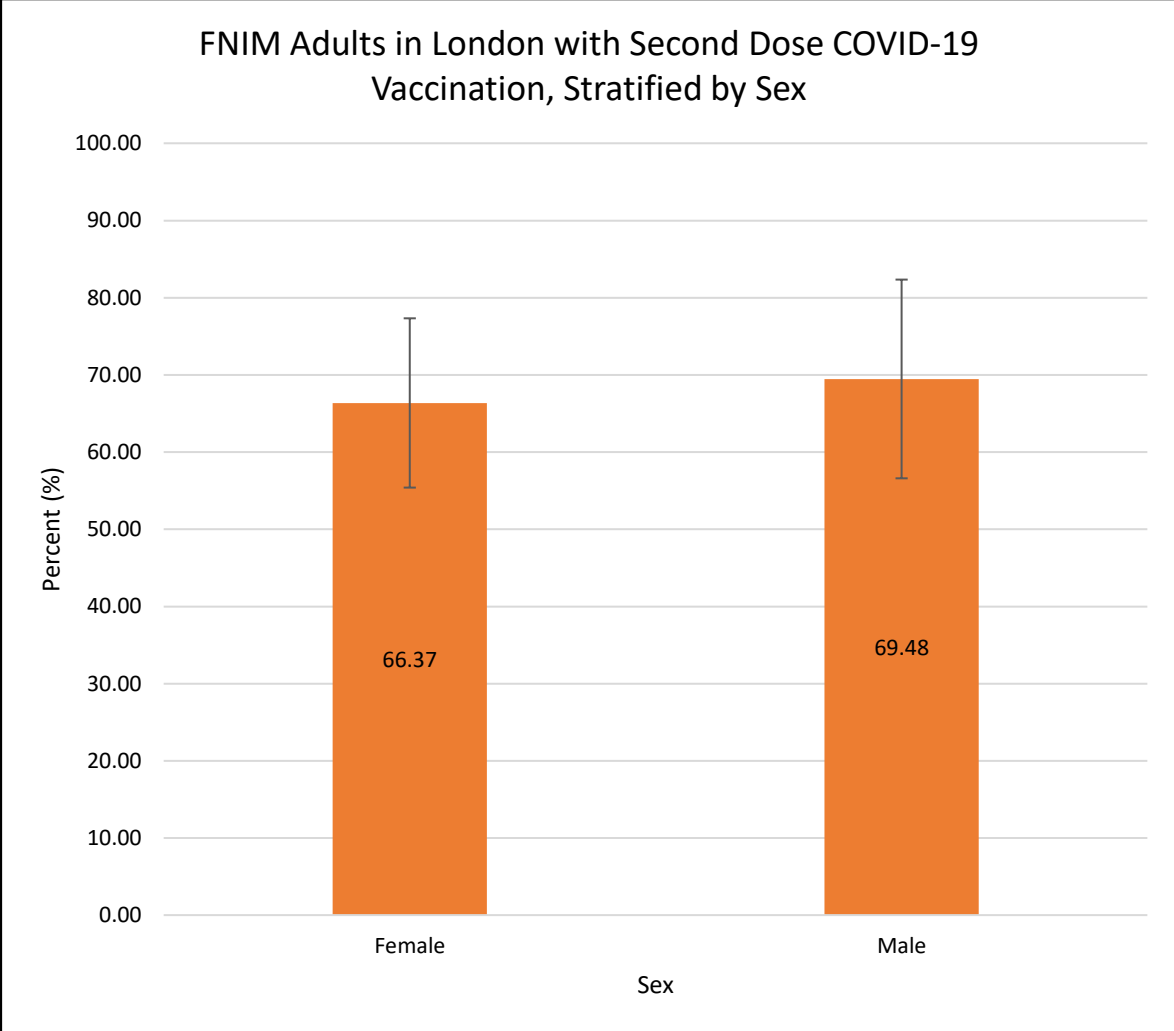


Figure 6: HCG Adjusted Proportion of Indigenous adults who have received second dose of COVID-19, stratified by sex



THIRD DOSE COVID-19 VACCINATIONS

Figure 5: RDS-II Adjusted Proportion of Indigenous adults who have received third dose of COVID-19, stratified by age

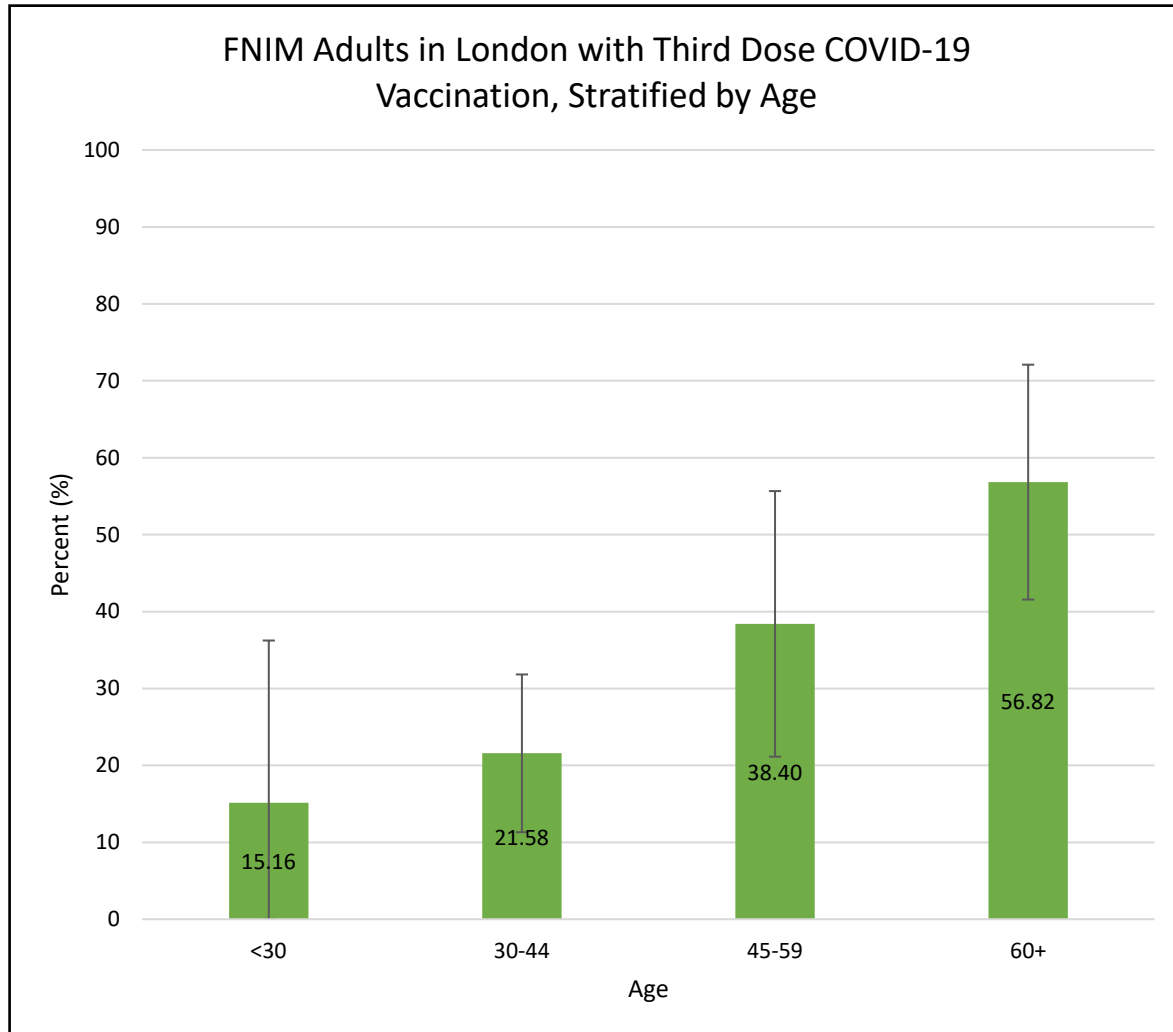
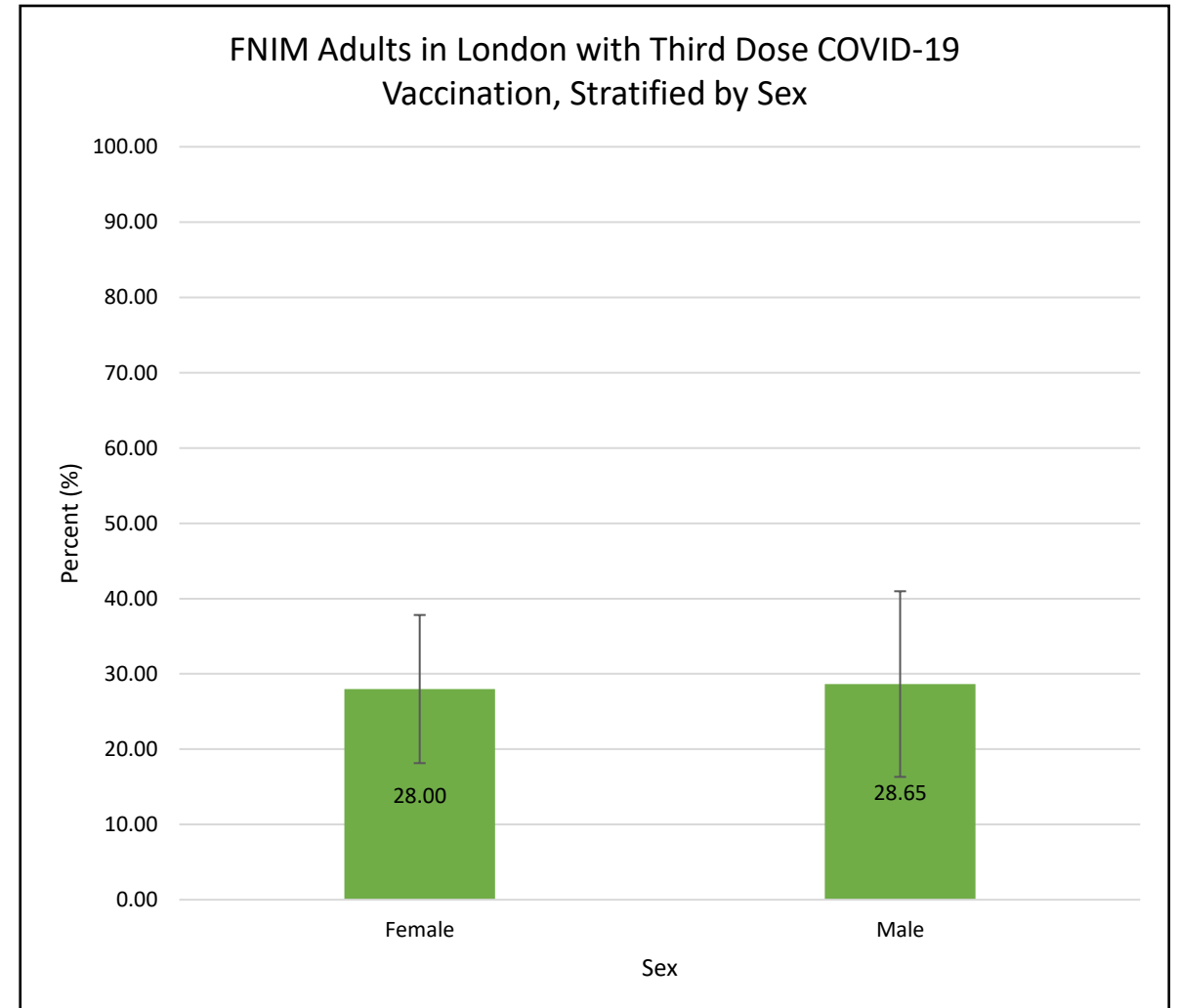


Figure 6: HCG Adjusted Proportion of Indigenous adults who have received third dose of COVID-19, stratified by sex



FOURTH DOSE COVID-19 VACCINATIONS

Figure 5: RDS-II Adjusted Proportion of Indigenous adults who have received fourth dose of COVID-19, stratified by age

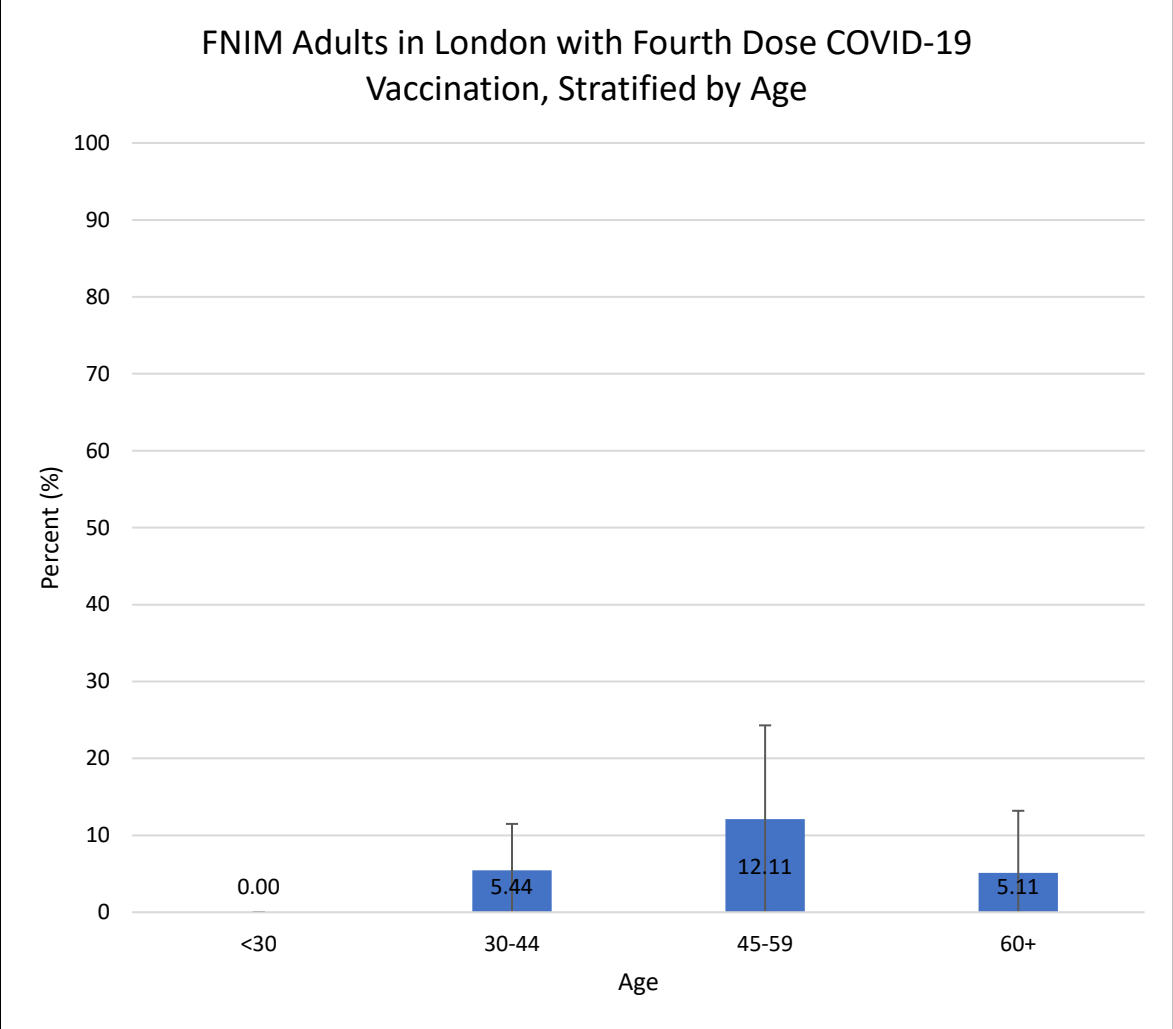
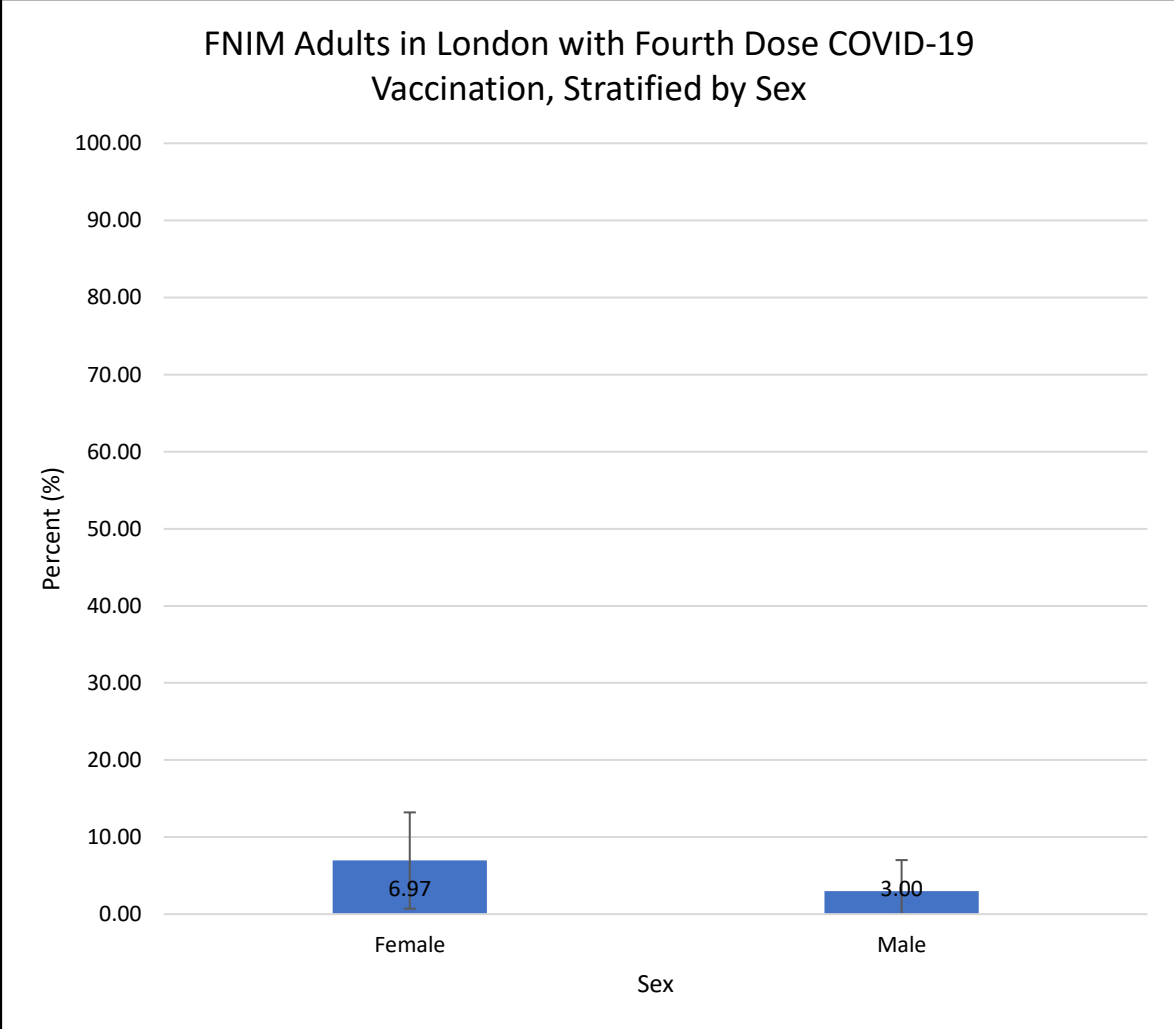


Figure 6: HCG Adjusted Proportion of Indigenous adults who have received fourth dose of COVID-19, stratified by sex



COVID-19 VACCINATIONS

Table 2: Non-conservative 2021 Population Estimates for FNIM Adults in London and Estimated Required Number of Vaccine Events to Fully Vaccination FNIM Adults in London

Non-conservative population estimates for FNIM adults (15+) in London in 2021	Estimated required number of vaccine events (FNIM population x 3 doses)
31,222	93,666

*Non-conservative population estimates for FNIM adults (15+) in London in 2021. Estimate includes assumption that Indigenous population has grown by 5% since 2016

Table 3: Estimated number of FNIM vaccination events required for complete vaccination including third dose booster of FNIM adult population in London.

Vaccination	HCG-Adjusted Proportion of First & Second Dose Vaccinations Administered to FNIM OHC London Adults (%)	Non-conservative 2021 population estimates for FNIM adults (15+) in London	Estimated # of Vaccinations Given (FNIM population x % vaccines administered)	Estimated # of Vaccinations Required (Estimated required number of vaccine events - Estimated # of Vaccinations Given)
First Dose	69.03 [60.85, 77.20]	31,222	21,553	
Second Dose	67.27 [58.94, 75.59]	31,222	21,003	
Third Dose	27.40 [19.77, 35.03]	31,222	8,555	
Total			51,111	42,555

COVID-19 HOSPITALIZATIONS

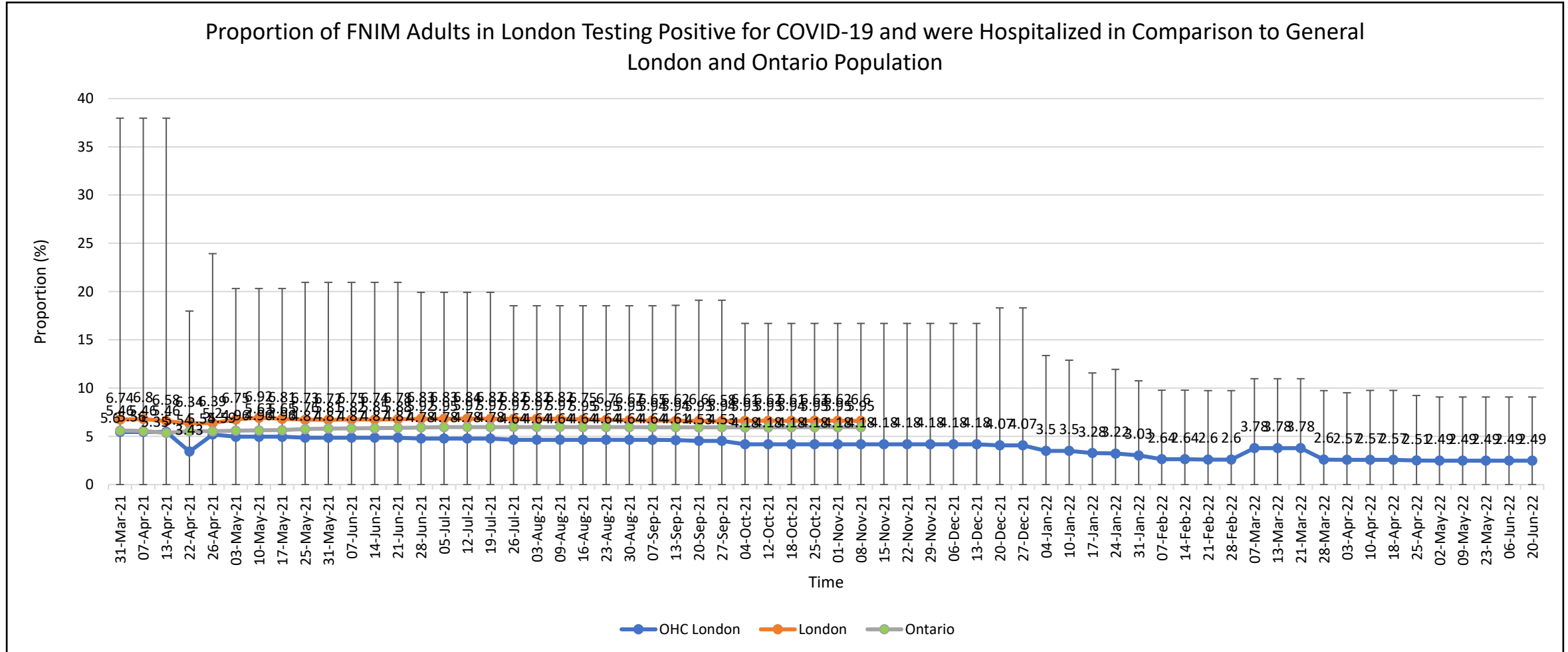
Table 4: Proportion of FNIM adults in London testing positive for COVID-19 and were hospitalized in comparison to general London and Ontario population from January 2020 to June 20, 2022. Results from Our Health Counts London data linkage to ICES COVID-19 data holdings.

	FNIM Population in London*		City of London Population		Ontario Population	
	n	RDS-II Adjusted Proportion % [95% Confidence Interval]	n	Proportion %	n	Proportion %
Hospitalizations	-	2.49 [0.00, 9.08]	1,182	4.52	43,009	4.01
Total COVID-19 positive cases	49		26,153		1,073,580	

*Our Health Counts London FNIM adult (15+) population living in London as of December 31, 2019 and have tested positive for COVID-19, excluding seeds -small cell values suppressed

COVID-19 HOSPITALIZATIONS

Figure 7: Proportion of FNIM adults in London testing positive for COVID-19 and were hospitalized over time in comparison to general London and Ontario population. Results from Our Health Counts London data linkage to ICES COVID-19 data holdings.



INCIDENCE OF COVID-19 POSITIVE CASES

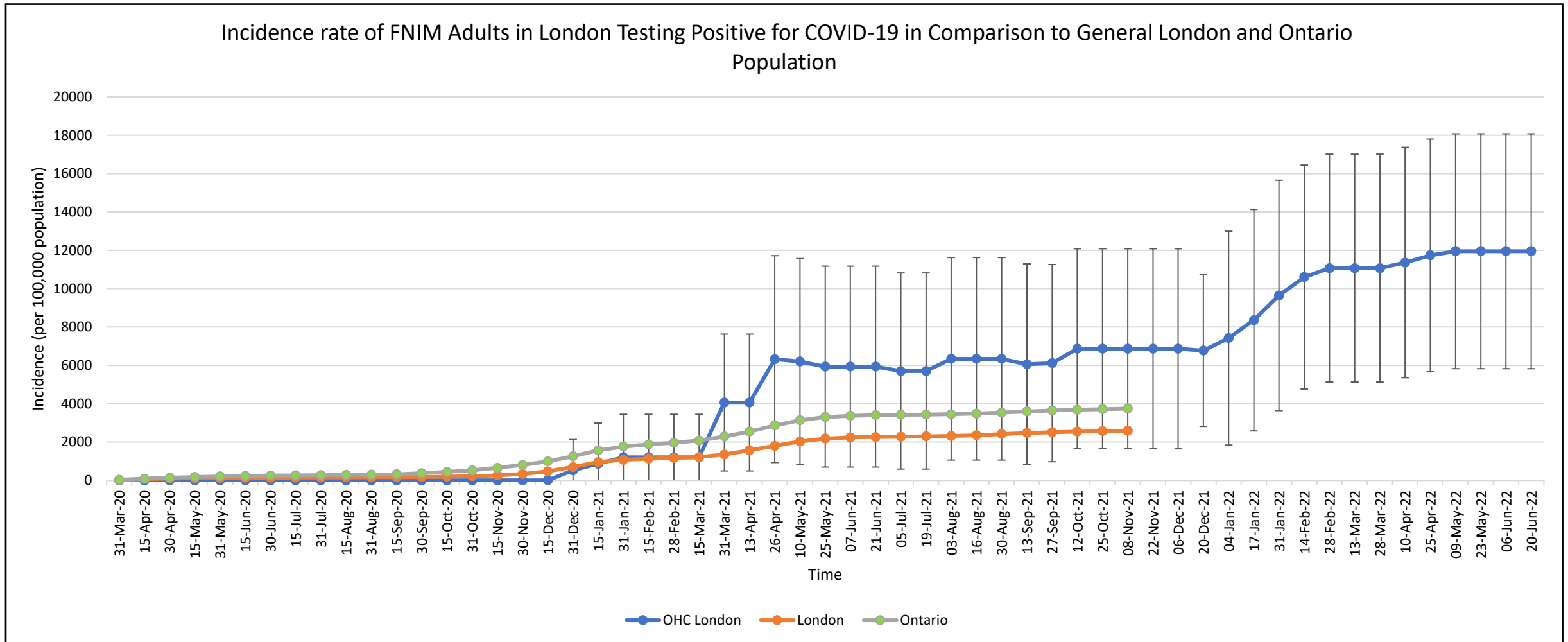
Table 5: Incidence rate of FNIM adults in London testing positive for COVID-19 in comparison to general London and Ontario population from January 2020 to June 20, 2022. Results from Our Health Counts London data linkage to ICES COVID-19 data holdings.

	FNIM Population in London*		City of London Population		Ontario Population	
	n	HCG-Adjusted Incidence Incidence per 100,000 FNIM population [95% Confidence Interval]	n	Crude Incidence Incidence per 100,000 population	n	Crude Incidence Incidence per 100,000 population
Positive COVID-19 test	49	11,950 [5,828, 18,076]	26,153	7,522.45	1,073,580	8,745.31
Total	358		347,666		12,276,072	

*Our Health Counts London FNIM adult (15+) population living in London as of December 31, 2019, excluding seeds

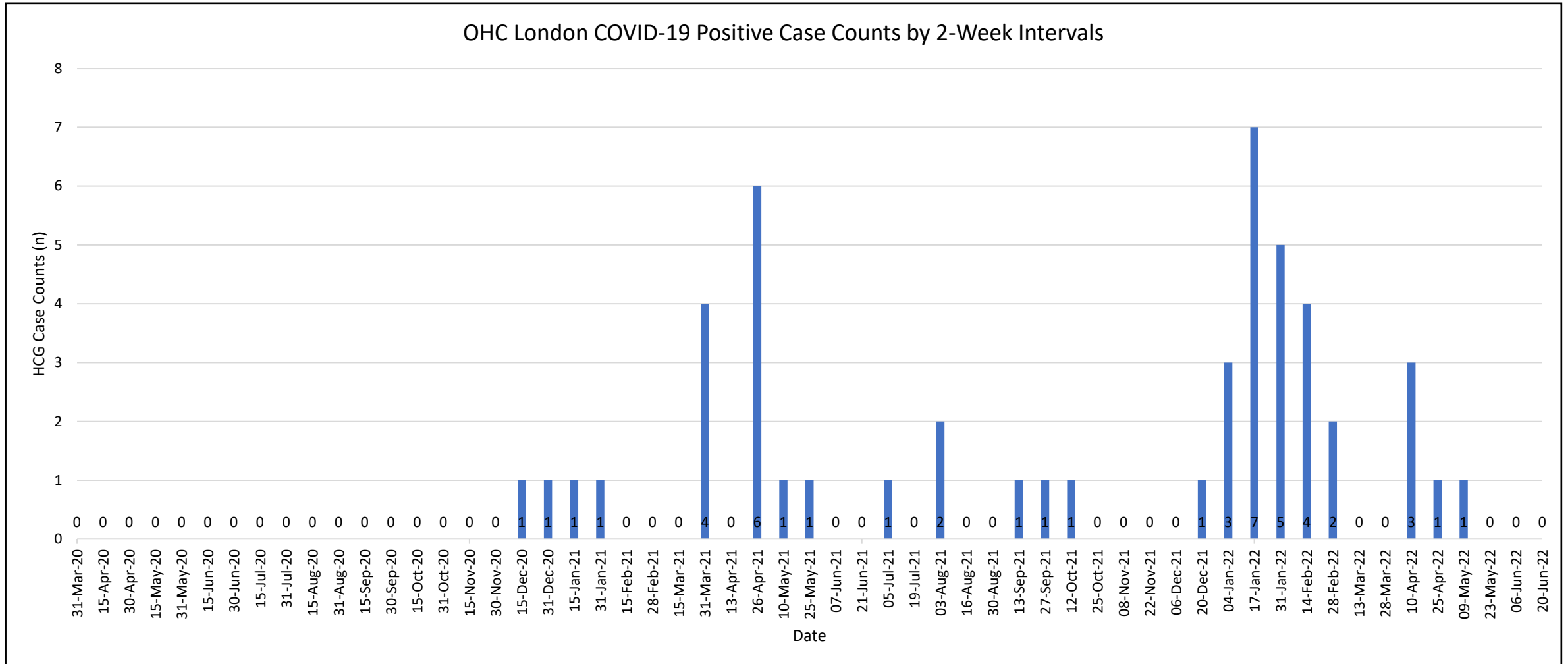
INCIDENCE OF COVID-19 POSITIVE CASES

Figure 8: Incidence rate of FNIM adults in London testing positive for COVID-19 over time in comparison to general London and Ontario population. Results from Our Health Counts London data linkage to ICES COVID-19 data holdings.



COVID-19 POSITIVE CASES

Figure 9: Indigenous adult COVID-19 positive case counts by two-week intervals. Results from Our Health Counts London data linkage to ICES COVID-19 data holdings.



COVID-19 TESTING PREVALENCE

Table 6: Prevalence of COVID-19 testing among FNIM adults in London in comparison to general London and Ontario population from January 2020 to June 20, 2022. Results from Our Health Counts London data linkage to ICES COVID-19 data holdings.

	FNIM Population in London*		City of London Population		Ontario Population	
	n	HCG-Adjusted Period Prevalence % [95% Confidence Interval]	n	Crude Period Prevalence %	n	Crude Period Prevalence %
Tested	197	50.54 [41.78, 59.29]	175,929	50.60	6,113,044	49.80
Not Tested	161	49.46 [40.71, 58.22]	171,737	49.40	6,163,028	50.20
Total	358		347,666		12,276,072	

*Our Health Counts London FNIM adult (15+) population living in London as of December 31, 2019, excluding seeds

