

## Influenza vaccination coverage for residents of long term care facilities British Columbia, 2019/20 – Summary Report

### Background

Immunization coverage assessment is an important part of a quality immunization program and serves three main functions:

- i) Identifying populations with low levels of immunization coverage
- ii) Evaluating the delivery of immunization programs
- iii) Informing program planning

The target for coverage among residents of long term care facilities at the provincial level is 90%.<sup>1</sup>

### Objective

To quantify the percentage of residents of long term care facilities in British Columbia who were vaccinated against influenza during the 2019/20 influenza season.

### Methods

Please refer to the separate Methods document for a full description of methods including definitions, data sources, and analyses as well as changes to methodology that should be used to interpret coverage trends over time.

### Results

Reporting of facilities (**Table 1**)

- 285/376 (76%) long term care facilities in BC are included in this report, including 234/312 (75%) publicly funded or contracted long term care facilities

2019/20 influenza vaccination coverage (**Figures 1-3, Table 2**)

- 85% (20,757/24,308) of residents of long term care facilities in BC were vaccinated against influenza, the lowest number in the past ten flu seasons
- 81% to 90% coverage was the range across the five health authorities
- 75% to 98% coverage was the range across the sixteen health service delivery areas
- 35% to 100% coverage was the range across all residential care facilities in BC
- 126/337 (34%) facilities met the 90% immunization coverage target

Results excluding privately funded facilities

- 85% (17,255/20,266) of residents in owned and operated and contracted facilities were vaccinated against influenza

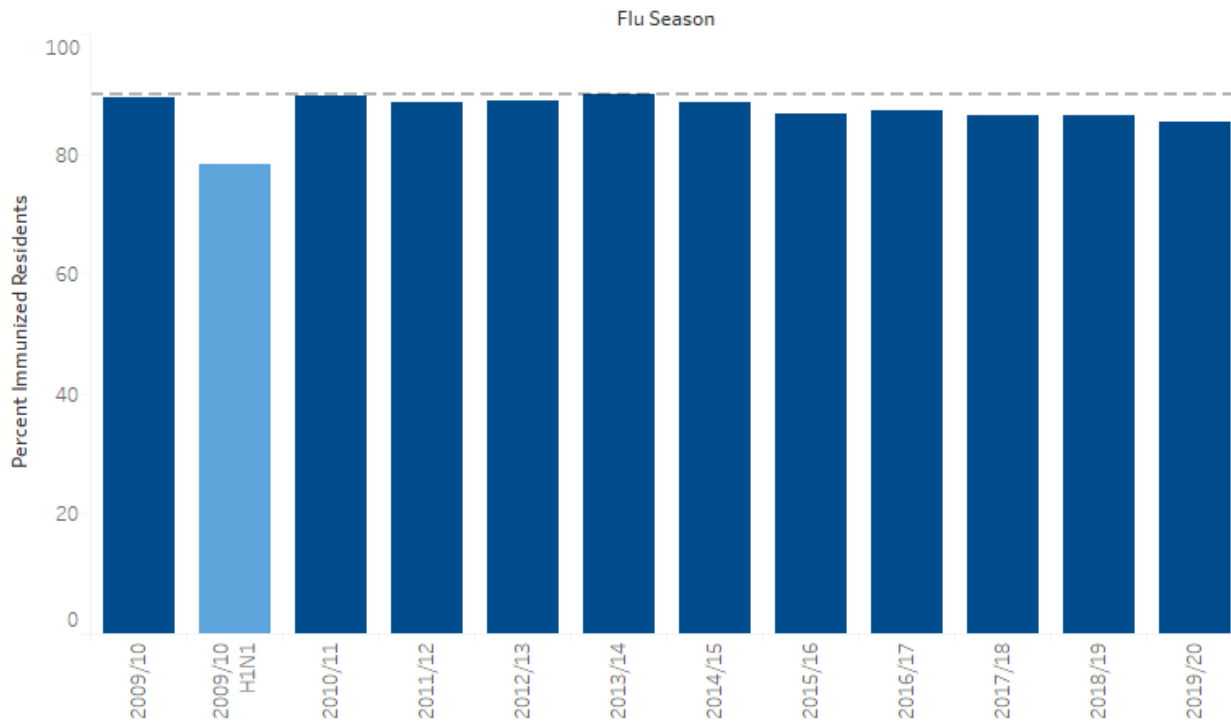
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1. Immunize BC: a strategic framework for immunization in B.C. 2007. Victoria, BC: British Columbia Ministry of Health. Available at: <http://www.health.gov.bc.ca/library/publications/year/2007/immunizebc.pdf>

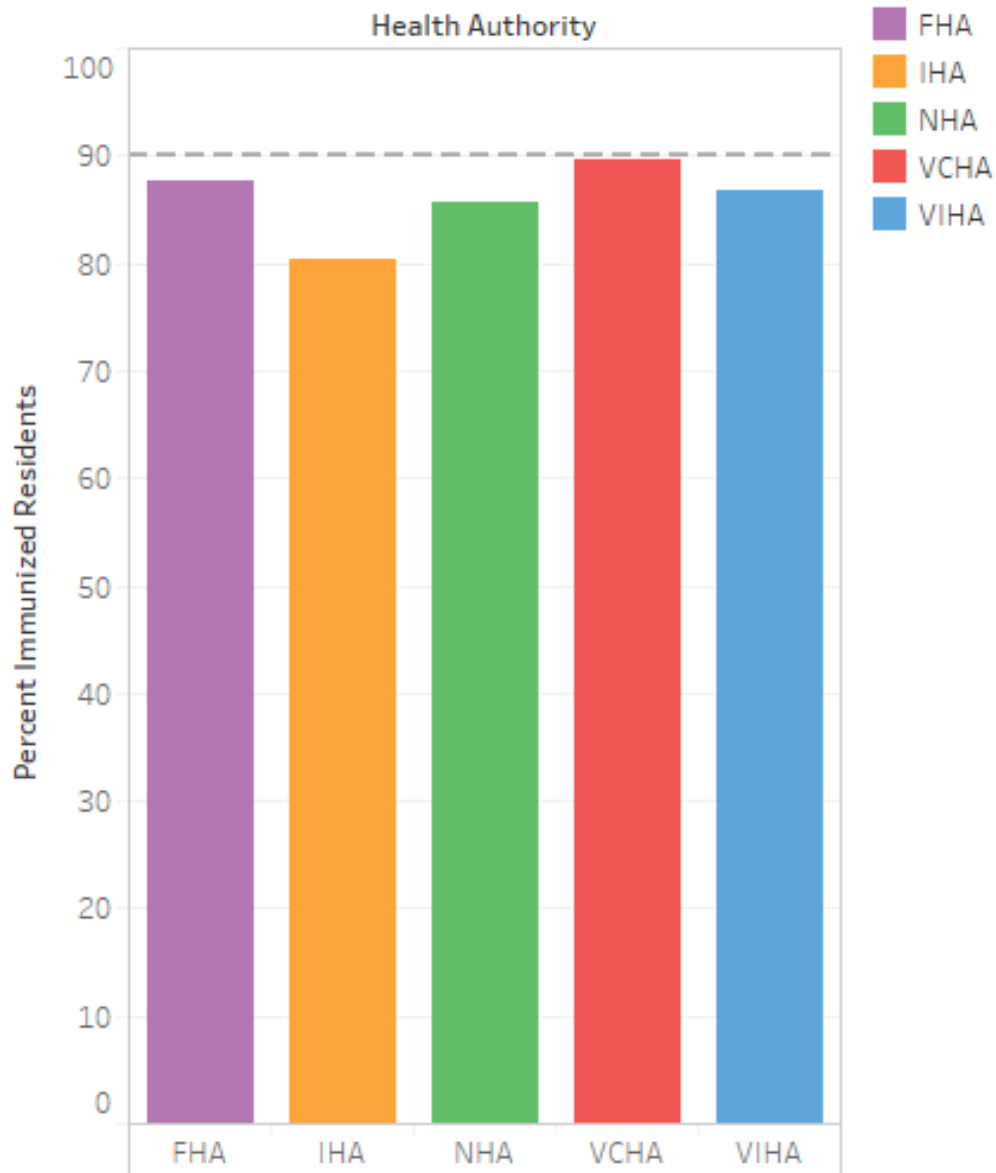
**Table 1:** Number and percent of long term care facilities for which valid resident coverage rates were reported, by health authority, 2019/20

Health authority	Long term care facilities		
	Reported	Total	% reported
Interior	93	93	100
Fraser	62	109	57
Vancouver Coastal	24	65	37
Vancouver Island	84	85	99
Northern	22	24	92
<b>British Columbia</b>	<b>285</b>	<b>376</b>	<b>76</b>

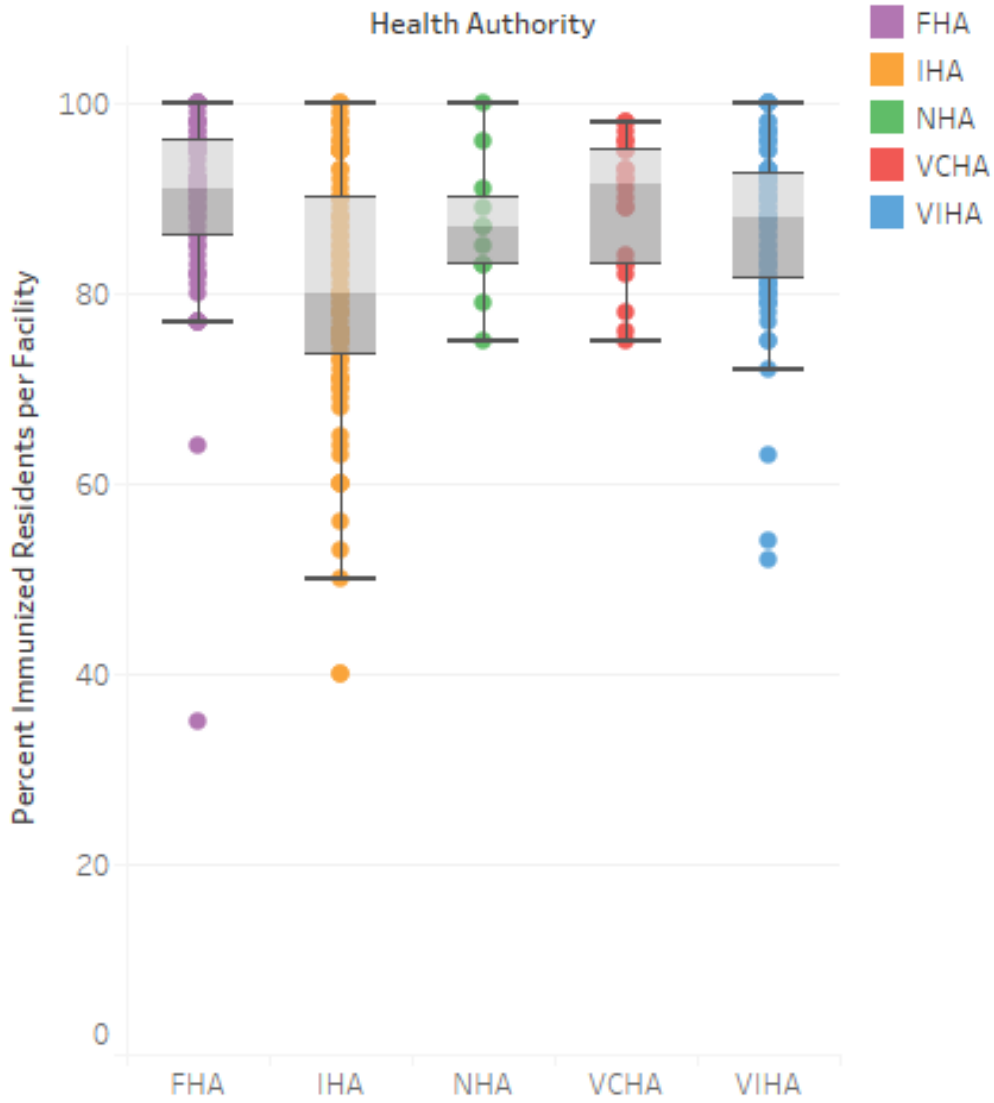
**Figure 1:** Influenza immunization coverage for residents of long term care facilities by flu season, British Columbia 2009/10 - 2019/20



**Figure 2:** Influenza immunization coverage for residents of long term care facilities by health authority, British Columbia 2019/20



**Figure 3:** Influenza immunization coverage for residents of long term care facilities per facility and by health authority, British Columbia 2019/20



**Table 2: Immunization coverage for residents of long term care facilities by health authority and health service delivery area, 2010/11 to 2019/20**

Health region		Influenza Season									
		2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
<b>INTERIOR</b>	immunized	5,081	5,343	4,883	3,717	5,437	5,151	5,491	5,315	5,475	5,630
	total residents	5,985	6,322	5,843	4,433	6,308	6,162	6,713	6,671	6,802	6,998
	% immunized	85	85	84	84	86	84	82	80	80	81
East Kootenay	immunized	544	479	570	416	451	383	453	398	402	390
	total residents	711	573	650	616	545	470	610	505	538	511
	% immunized	77	84	88	68	83	81	74	79	75	76
Kootenay Boundary	immunized	547	650	581	512	666	477	489	682	703	591
	total residents	682	812	809	620	805	582	663	888	873	783
	% immunized	80	80	72	83	83	82	74	77	81	76
Okanagan	immunized	2,666	3,203	2,773	1,630	3,055	3,060	3,230	3,072	3,131	3,090
	total residents	3,124	3,755	3,315	1,929	3,549	3,689	3,913	3,767	3,906	3,970
	% immunized	85	85	84	84	86	83	83	82	80	78
Thomps Carib Shuswap	immunized	1,324	1,011	959	1,159	1,265	1,231	1,319	1,163	1,239	1,559
	total residents	1,468	1,182	1,069	1,268	1,409	1,421	1,527	1,511	1,485	1,734
	% immunized	90	86	90	91	90	87	86	77	83	90
<b>FRASER</b>	immunized	7,911	8,041	8,812	8,608	7,727	8,539	8,651	8,593	7,771	5,718
	total residents	8,750	8,935	9,679	9,411	8,543	9,703	9,804	9,861	8,734	6,532
	% immunized	90	90	91	91	90	88	88	87	89	88
Fraser East	immunized	1,478	1,447	1,559	1,543	1,643	1,456	1,299	1,530	1,111	1,172
	total residents	1,640	1,635	1,768	1,721	1,849	1,631	1,506	1,736	1,271	1,371
	% immunized	90	89	88	90	89	89	86	88	87	86
Fraser North	immunized	3,032	3,035	3,052	3,121	2,942	2,969	2,985	2,928	2,701	2,101
	total residents	3,341	3,333	3,334	3,441	3,231	3,295	3,409	3,287	3,026	2,304
	% immunized	91	91	92	91	91	90	88	89	89	91
Fraser South	immunized	3,401	3,559	4,201	3,944	3,142	4,114	4,367	4,135	3,959	2,445
	total residents	3,769	3,967	4,577	4,249	3,463	4,777	4,889	4,838	4,437	2,857
	% immunized	90	90	92	93	91	86	89	85	89	86

**Table 2 (cont'd):** Immunization coverage for residents of long term care facilities by health authority and health service delivery area, 2010/11 to 2019/20

Health region		Influenza Season									
		2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
VANCOUVER COASTAL	immunized	6,800	6,487	6,387	6,178	4,316	6,258	5,926	5,149	5,442	2,355
	total residents	7,375	7,047	6,960	6,631	4,675	6,809	6,470	5,655	6,184	2,627
	% immunized	92	92	92	93	92	92	92	91	88	90
Richmond	immunized	798	789	664	774	252	809	692	419	636	242
	total residents	841	834	705	818	257	861	731	458	675	246
	% immunized	95	95	94	95	98	94	95	91	94	98
Vancouver	immunized	4,224	4,073	4,013	3,896	3,141	3,882	3,709	3,350	3,422	1,388
	total residents	4,592	4,418	4,345	4,178	3,362	4,225	4,031	3,657	3,842	1,553
	% immunized	92	92	92	93	93	92	92	92	89	89
N Shore/Coast Garibaldi	immunized	1,778	1,625	1,710	1,508	923	1,567	1,525	1,380	1,384	725
	total residents	1,942	1,795	1,910	1,635	1,056	1,723	1,708	1,540	1,667	828
	% immunized	92	91	90	92	87	91	89	90	83	88
VANCOUVER ISLAND	immunized	5,617	5,605	5,579	5,792	6,051	6,025	5,911	5,712	5,839	6,215
	total residents	6,264	6,404	6,370	6,502	7,063	7,332	6,814	6,486	6,640	7,171
	% immunized	90	88	88	89	86	82	87	88	88	87
South Van Island	immunized	2,988	2,928	2,974	3,109	3,462	3,512	3,364	3,092	3,074	3,458
	total residents	3,301	3,415	3,424	3,471	4,103	4,373	3,953	3,541	3,513	3,967
	% immunized	91	86	87	90	84	80	85	87	88	87
Central Van Island	immunized	2,034	2,066	1,993	2,058	1,978	1,938	1,958	1,989	2,111	2,106
	total residents	2,300	2,308	2,262	2,326	2,275	2,278	2,156	2,214	2,369	2,432
	% immunized	88	90	88	88	87	85	91	90	89	87
North Van Island	immunized	595	611	612	625	611	575	589	640	654	651
	total residents	663	681	684	705	685	681	705	731	758	772
	% immunized	90	90	89	89	89	84	84	88	86	84

**Table 2 (cont'd):** Immunization coverage for residents of long term care facilities by health authority and health service delivery area, 2010/11 to 2019/20

Health region		Influenza season									
		2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
<b>NORTHERN</b>	immunized	971	956	1,123	1,022	1,001	1,017	998	971	993	839
	total residents	1,079	1,103	1,257	1,128	1,118	1,139	1,150	1,165	1,141	980
	% immunized	90	87	89	91	90	89	87	83	87	86
Northwest	immunized	243	241	233	244	247	252	248	246	234	250
	total residents	273	277	283	284	270	279	273	282	277	280
	% immunized	89	87	82	86	91	90	91	87	84	89
Northern Interior	immunized	506	503	556	551	534	558	538	520	538	497
	total residents	562	583	597	594	602	610	628	630	612	578
	% immunized	90	86	93	93	89	91	86	83	88	86
Northeast	immunized	222	212	334	227	220	207	212	205	221	92
	total residents	244	243	377	250	246	250	249	253	252	122
	% immunized	91	87	89	91	89	83	85	81	88	75
<b>BC</b>	immunized	26,380	26,432	26,784	25,317	24,532	26,990	26,977	25,749	25,520	20,757
	total residents	29,453	29,811	30,109	28,105	27,707	31,145	30,951	29,838	29,501	24,308
	% immunized	90	89	89	90	89	87	87	86	87	85