

Influenza vaccination coverage for residents of long term care facilities British Columbia, 2020/21 – 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%.¹

Objective

To quantify the percentage of residents of long term care facilities in British Columbia who were vaccinated against influenza during the 2020/21 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**)

- 225/360 (63%) long term care facilities in BC are included in this report, including 194/313 (62%) publicly funded or contracted long term care facilities

2020/21 influenza vaccination coverage (**Figures 1-3, Table 2**)

- 89% (16,215/18,281) of residents of long term care facilities that reported coverage data in BC
- 85% to 92% coverage was the range across the five health authorities
- 82% to 93% coverage was the range across the sixteen health service delivery areas; two health service delivery areas had no resident coverage data available
- 0% to 100% coverage was the range across all residential care facilities in BC
- 117/360 (33%) facilities met the 90% immunization coverage target

Results excluding privately funded facilities

- 88% (14,738/16,683) of residents in owned and operated and contracted facilities were vaccinated against influenza

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, 2020/21

Health authority	Long term care facilities		
	Reported	Total	% reported
Interior	45	94	48
Fraser	71	93	76
Vancouver Coastal	3	65	5
Vancouver Island	82	84	98
Northern	24	24	100
British Columbia	225	360	63

Figure 1: Influenza immunization coverage for residents of long term care facilities by flu season, British Columbia 2009/10 - 2020/21

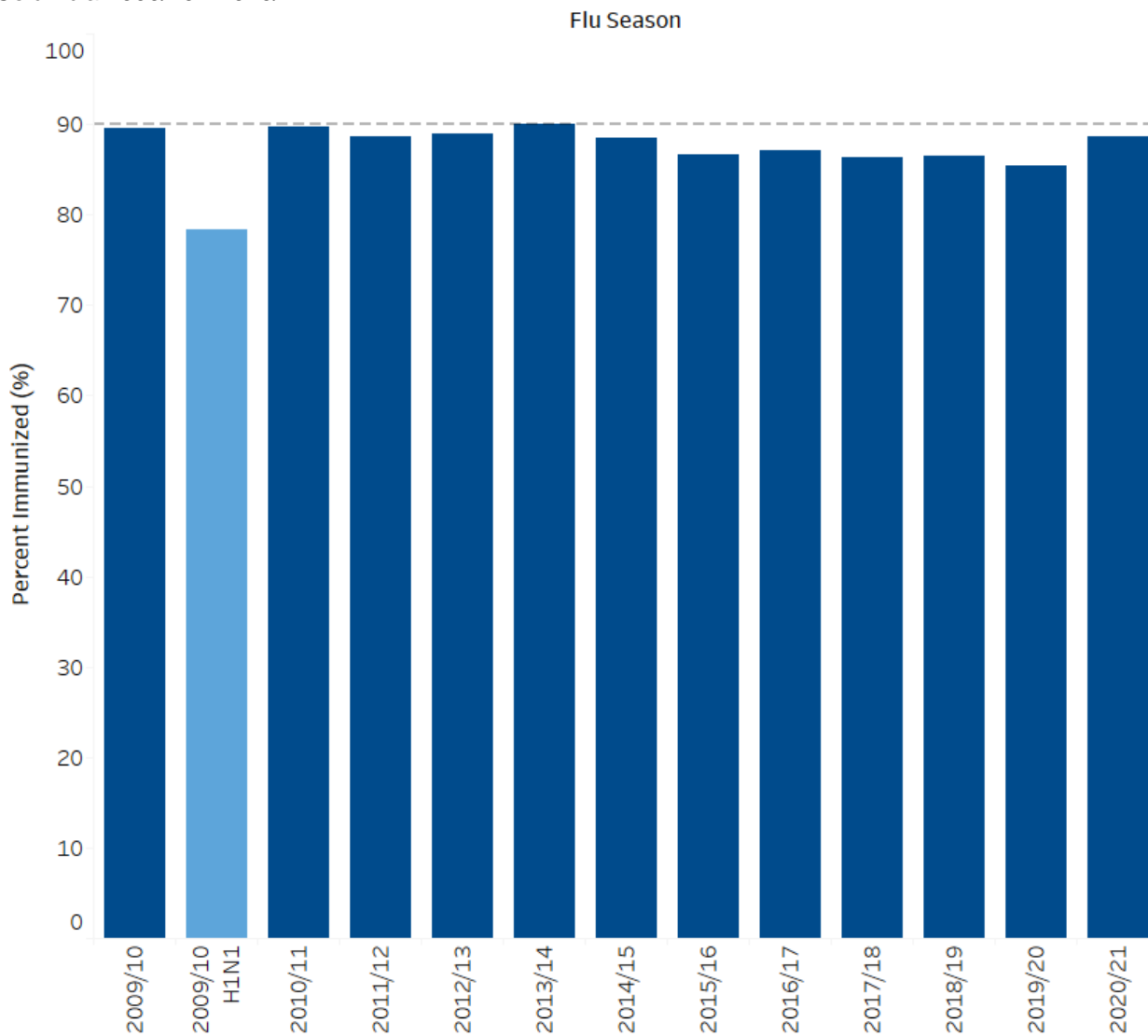


Figure 2: Influenza immunization coverage for residents of long term care facilities by health authority, British Columbia 2020/21

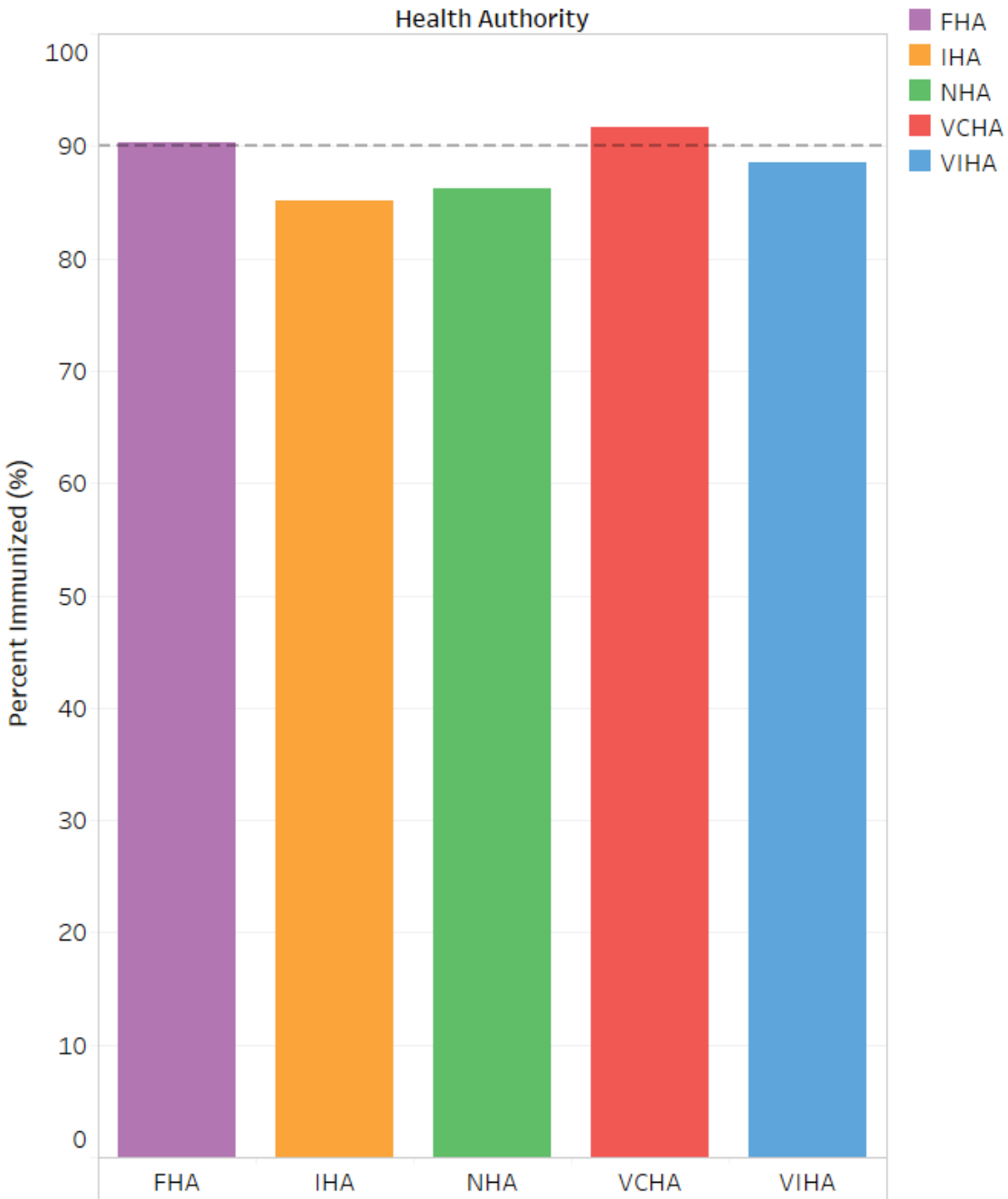


Figure 3: Influenza immunization coverage for residents of long term care facilities per facility and by health authority, British Columbia 2020/21

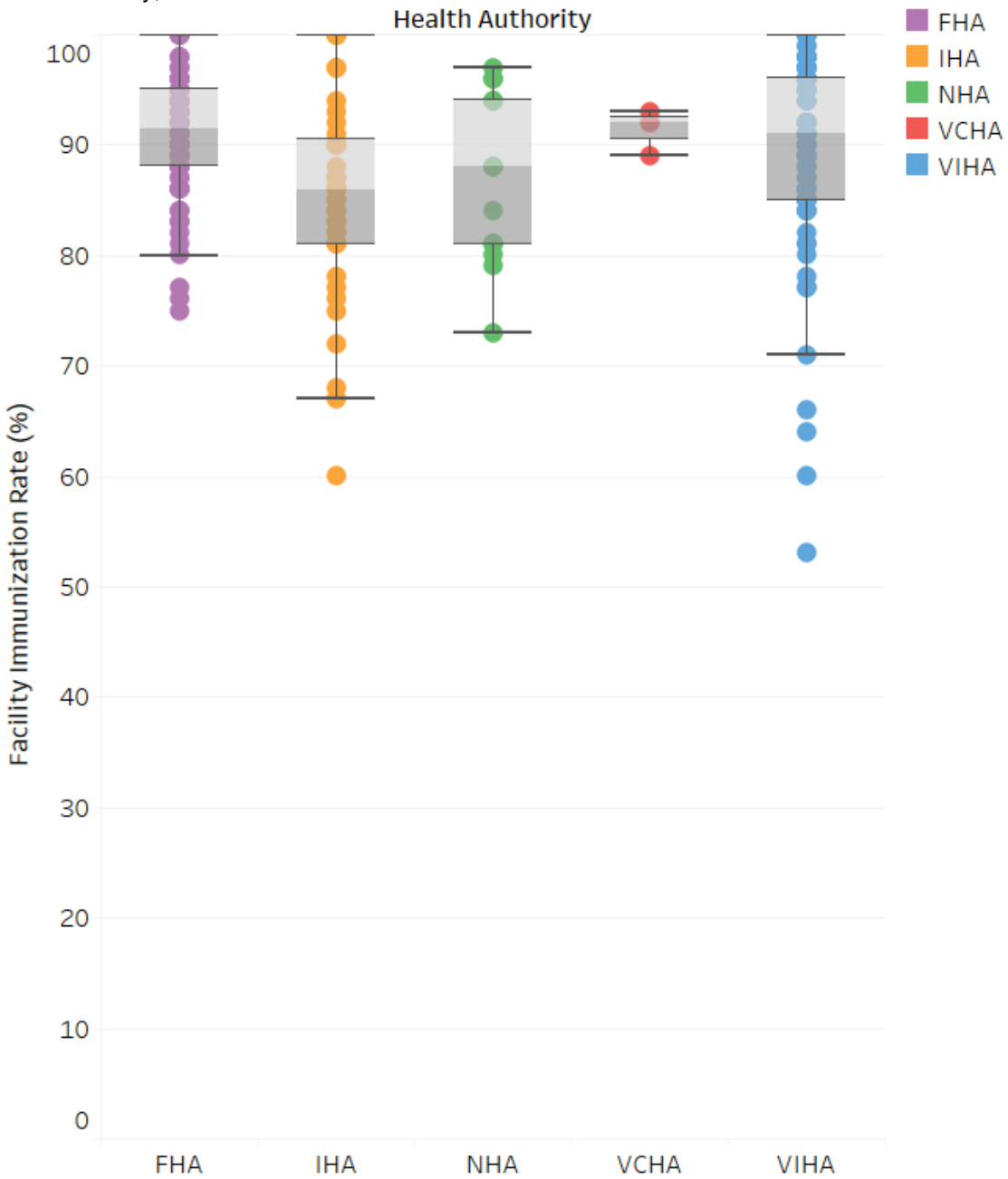


Table 2: Immunization coverage for residents of long term care facilities by health authority and health service delivery area, 2011/12 to 2020/21

Health region		Influenza Season									
		2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
INTERIOR	immunized	5,343	4,883	3,717	5,437	5,151	5,491	5,315	5,475	5,630	2,321
	total residents	6,322	5,843	4,433	6,308	6,162	6,713	6,671	6,802	6,998	2,728
	% immunized	85	84	84	86	84	82	80	80	81	85
East Kootenay	immunized	479	570	416	451	383	453	398	402	390	NA
	total residents	573	650	616	545	470	610	505	538	511	NA
	% immunized	84	88	68	83	81	74	79	75	76	--
Kootenay Boundary	immunized	650	581	512	666	477	489	682	703	591	525
	total residents	812	809	620	805	582	663	888	873	783	609
	% immunized	80	72	83	83	82	74	77	81	76	86
Okanagan	immunized	3,203	2,773	1,630	3,055	3,060	3,230	3,072	3,131	3,090	1,605
	total residents	3,755	3,315	1,929	3,549	3,689	3,913	3,767	3,906	3,970	1,903
	% immunized	85	84	84	86	83	83	82	80	78	84
Thomps Carib Shuswap	immunized	1,011	959	1,159	1,265	1,231	1,319	1,163	1,239	1,559	191
	total residents	1,182	1,069	1,268	1,409	1,421	1,527	1,511	1,485	1,734	216
	% immunized	86	90	91	90	87	86	77	83	90	88
FRASER	immunized	8,041	8,812	8,608	7,727	8,539	8,651	8,593	7,771	5,718	6,954
	total residents	8,935	9,679	9,411	8,543	9,703	9,804	9,861	8,734	6,532	7,699
	% immunized	90	91	91	90	88	88	87	89	88	90
Fraser East	immunized	1,447	1,559	1,543	1,643	1,456	1,299	1,530	1,111	1,172	1,548
	total residents	1,635	1,768	1,721	1,849	1,631	1,506	1,736	1,271	1,371	1,732
	% immunized	89	88	90	89	89	86	88	87	86	89
Fraser North	immunized	3,035	3,052	3,121	2,942	2,969	2,985	2,928	2,701	2,101	2,268
	total residents	3,333	3,334	3,441	3,231	3,295	3,409	3,287	3,026	2,304	2,515
	% immunized	91	92	91	91	90	88	89	89	91	90
Fraser South	immunized	3,559	4,201	3,944	3,142	4,114	4,367	4,135	3,959	2,445	3,138
	total residents	3,967	4,577	4,249	3,463	4,777	4,889	4,838	4,437	2,857	3,452
	% immunized	90	92	93	91	86	89	85	89	86	91

Table 2 (cont'd): Immunization coverage for residents of long term care facilities by health authority and health service delivery area, 2011/12 to 2020/21

Health region		Influenza Season									
		2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
VANCOUVER COASTAL	immunized	6,487	6,387	6,178	4,316	6,258	5,926	5,149	5,442	2,355	273
	total residents	7,047	6,960	6,631	4,675	6,809	6,470	5,655	6,184	2,627	298
	% immunized	92	92	93	92	92	92	91	88	90	92
Richmond	immunized	789	664	774	252	809	692	419	636	242	NA
	total residents	834	705	818	257	861	731	458	675	246	NA
	% immunized	95	94	95	98	94	95	91	94	98	--
Vancouver	immunized	4,073	4,013	3,896	3,141	3,882	3,709	3,350	3,422	1,388	200
	total residents	4,418	4,345	4,178	3,362	4,225	4,031	3,657	3,842	1,553	216
	% immunized	92	92	93	93	92	92	92	89	89	93
N Shore/Coast Garibaldi	immunized	1,625	1,710	1,508	923	1,567	1,525	1,380	1,384	725	73
	total residents	1,795	1,910	1,635	1,056	1,723	1,708	1,540	1,667	828	82
	% immunized	91	90	92	87	91	89	90	83	88	89
VANCOUVER ISLAND	immunized	5,605	5,579	5,792	6,051	6,025	5,911	5,712	5,839	6,215	5,675
	total residents	6,404	6,370	6,502	7,063	7,332	6,814	6,486	6,640	7,171	6,405
	% immunized	88	88	89	86	82	87	88	88	87	89
South Van Island	immunized	2,928	2,974	3,109	3,462	3,512	3,364	3,092	3,074	3,458	2,882
	total residents	3,415	3,424	3,471	4,103	4,373	3,953	3,541	3,513	3,967	3,228
	% immunized	86	87	90	84	80	85	87	88	87	89
Central Van Island	immunized	2,066	1,993	2,058	1,978	1,938	1,958	1,989	2,111	2,106	2,063
	total residents	2,308	2,262	2,326	2,275	2,278	2,156	2,214	2,369	2,432	2,378
	% immunized	90	88	88	87	85	91	90	89	87	87
North Van Island	immunized	611	612	625	611	575	589	640	654	651	730
	total residents	681	684	705	685	681	705	731	758	772	799
	% immunized	90	89	89	89	84	84	88	86	84	91

Table 2 (cont'd): Immunization coverage for residents of long term care facilities by health authority and health service delivery area, 2011/12 to 2020/21

Health region		Influenza season									
		2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
NORTHERN	immunized	956	1,123	1,022	1,001	1,017	998	971	993	839	992
	total residents	1,103	1,257	1,128	1,118	1,139	1,150	1,165	1,141	980	1,151
	% immunized	87	89	91	90	89	87	83	87	86	86
Northwest	immunized	241	233	244	247	252	248	246	234	250	245
	total residents	277	283	284	270	279	273	282	277	280	279
	% immunized	87	82	86	91	90	91	87	84	89	88
Northern Interior	immunized	503	556	551	534	558	538	520	538	497	541
	total residents	583	597	594	602	610	628	630	612	578	620
	% immunized	86	93	93	89	91	86	83	88	86	87
Northeast	immunized	212	334	227	220	207	212	205	221	92	206
	total residents	243	377	250	246	250	249	253	252	122	252
	% immunized	87	89	91	89	83	85	81	88	75	82
BC	immunized	26,432	26,784	25,317	24,532	26,990	26,977	25,749	25,520	20,757	16,215
	total residents	29,811	30,109	28,105	27,707	31,145	30,951	29,838	29,501	24,308	18,281
	% immunized	89	89	90	89	87	87	86	87	85	89