Influenza vaccination coverage for staff of acute 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

Targets for coverage among staff of acute care facilities at the provincial and national levels are 60% and 80%, respectively.1,2

Objectives
To quantify the proportion of staff in BC acute care facilities who:
   i) Were vaccinated against influenza in the 2020/21 season
   ii) Self-reported their vaccination or vaccine declination including by job type

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)
   • All 92 acute care facilities in BC are included
   • All 92 acute care facilities used data from the WHITE database

2020/21 influenza vaccination coverage (Figures 1-3, Table 2)
   • 68% (49,193/72,455) of staff in acute care facilities in BC reported influenza vaccine receipt, the lowest since the Influenza Prevention Policy was enacted in 2012/2013
   • 64% to 74% coverage was the range across the six health authorities
   • 60% to 77% coverage was the range across the sixteen health service delivery areas and PHSA
   • 24% to 90% coverage was the range across all acute care facilities in BC
   • 59% to 78% coverage was the range across the 31 facilities with 500 or more staff
   • 74/92 (80%) facilities met the Immunize BC coverage target of 60%
   • 5/92 (5%) facilities met the national coverage target of 80%


Table 1: Acute care facilities included by health authority, 2020/21

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Figure 1: Influenza immunization coverage for staff of acute care facilities by flu season, British Columbia 2009/10 – 2020/21
**Figure 2:** Influenza immunization coverage for staff of acute care facilities by health authority, British Columbia 2020/21
**Figure 3:** Influenza immunization coverage for staff of acute care facilities per facility and by health authority, British Columbia 2020/21
### Table 2: Immunization coverage for staff of acute care facilities by health authority and health service delivery area, 2011/12 to 2020/21

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Table 2 (cont’d): Immunization coverage for staff of acute care facilities by health authority and health service delivery area, 2011/12 to 2020/21

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Table 2 (cont’d): Immunization coverage for staff of acute care facilities by health authority and health service delivery area, 2011/12 to 2020/21

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</tr>
<tr>
<td>immunized</td>
<td>2,363</td>
<td>4,038</td>
<td>4,998</td>
<td>4,932</td>
<td>5,215</td>
<td>5,155</td>
<td>5,570</td>
<td>5,479</td>
<td>5,185</td>
<td>4,939</td>
</tr>
<tr>
<td>total staff</td>
<td>5,441</td>
<td>5,710</td>
<td>6,398</td>
<td>6,233</td>
<td>6,622</td>
<td>6,512</td>
<td>6,778</td>
<td>6,328</td>
<td>6,966</td>
<td>6,892</td>
</tr>
<tr>
<td>% immunized</td>
<td>43</td>
<td>71</td>
<td>78</td>
<td>79</td>
<td>79</td>
<td>79</td>
<td>82</td>
<td>87</td>
<td>74</td>
<td>72</td>
</tr>
<tr>
<td>BC</td>
<td></td>
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<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>immunized</td>
<td>23,375</td>
<td>35,899</td>
<td>50,878</td>
<td>51,580</td>
<td>51,888</td>
<td>50,435</td>
<td>50,456</td>
<td>51,752</td>
<td>51,328</td>
<td>49,193</td>
</tr>
<tr>
<td>total staff</td>
<td>58,212</td>
<td>48,818</td>
<td>67,459</td>
<td>67,580</td>
<td>69,962</td>
<td>67,456</td>
<td>67,055</td>
<td>65,953</td>
<td>70,467</td>
<td>72,445</td>
</tr>
<tr>
<td>% immunized</td>
<td>40</td>
<td>74</td>
<td>75</td>
<td>76</td>
<td>74</td>
<td>75</td>
<td>75</td>
<td>78</td>
<td>73</td>
<td>68</td>
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</table>
2020/21 policy compliance results (Figure 4, Table 3)
- Allied health, pharmacy, and management/leadership staff reported the highest coverage; this is the same finding as in the previous five flu seasons
- 68% of staff in acute care facilities in BC reported being vaccinated, 12% reported declining vaccination, and 20% did not report vaccination status and were considered to be unvaccinated

Figure 4: Influenza immunization coverage for staff of acute care facilities by occupation group, British Columbia 2020/21

Table 3: Influenza Prevention Policy compliance for acute health care workers by health authority, 2020/21

<table>
<thead>
<tr>
<th>Health Authority</th>
<th>Vaccinated No.</th>
<th>Vaccinated %</th>
<th>Declined No.</th>
<th>Declined %</th>
<th>Not reported No.</th>
<th>Not reported %</th>
<th>Total No.</th>
<th>Total %</th>
</tr>
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<tr>
<td>IHA</td>
<td>7,945</td>
<td>66</td>
<td>1,792</td>
<td>15</td>
<td>2,386</td>
<td>20</td>
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<td>FHA</td>
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<td>68</td>
<td>2,607</td>
<td>14</td>
<td>3,399</td>
<td>18</td>
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<tr>
<td>VCHA</td>
<td>11,231</td>
<td>64</td>
<td>1,093</td>
<td>6</td>
<td>5,264</td>
<td>30</td>
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<tr>
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<td>74</td>
<td>2,086</td>
<td>16</td>
<td>1,225</td>
<td>10</td>
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<tr>
<td>NHA</td>
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<td>67</td>
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<td>14</td>
<td>833</td>
<td>19</td>
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<td>PHSA</td>
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<td>72</td>
<td>407</td>
<td>6</td>
<td>1,546</td>
<td>22</td>
<td>6,892</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>49,193</strong></td>
<td><strong>68</strong></td>
<td><strong>8,599</strong></td>
<td><strong>12</strong></td>
<td><strong>14,653</strong></td>
<td><strong>20</strong></td>
<td><strong>72,445</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>