

# Council of Advisors Meeting



OFFICE OF THE  
**SENIORS** ADVOCATE  
BRITISH COLUMBIA

# Agenda

- Review of COVID-19 and long-term care in B.C.
  - Feedback and questions from CoA
- Update on LTC/AL visitor restrictions survey
  - Feedback and questions from CoA
- Update on Ministry of Health plan for fall and winter
  - Feedback and questions from CoA
- Next steps – CoA review

# Long-term care and assisted living

- Approximately 560 long-term care and assisted living homes subject to Provincial Health Office orders
  - 296 subsidized long-term care homes (some with AL)
  - At least 45 fully private long-term care homes
  - 110 subsidized assisted living residences (with no LTC)
  - Balance (109) are private, registered assisted living and specialized LTC homes (e.g., mental health, specialized populations, respite-only)

# Long-term care and assisted living

- Over 40,000 beds are subject to Provincial Health Office orders
  - 29,000 beds are in subsidized LTC homes
  - At least 3,000 beds are in fully private LTC homes
  - 4,400 beds are in subsidized AL homes
  - 3,900 beds are in private, registered AL homes

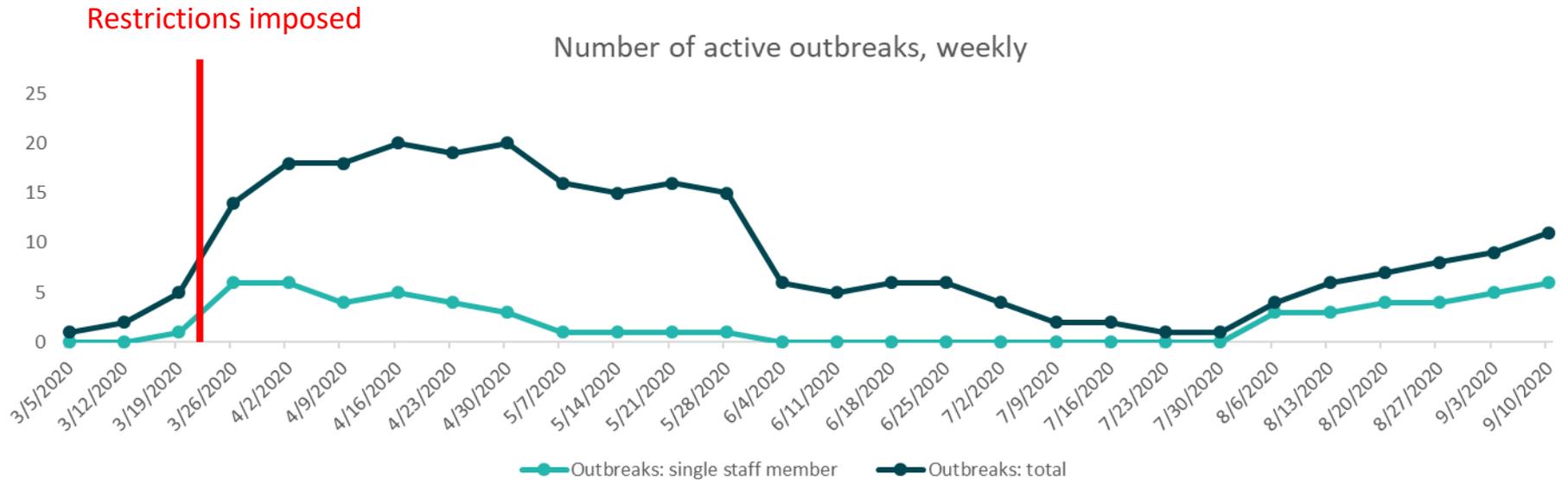
# Outbreaks in care

- 53 outbreaks since March 5:
  - 48 outbreaks in 45 long-term care homes (3 had 2x)
  - 5 outbreaks in 5 assisted living residences
- Within the AL and LTC sector, there have been 630 confirmed cases of COVID-19
  - 384 residents (370 LTC, 14 AL)
  - 246 staff (243 LTC, 3 AL)
- Within the sector, there have been 130 deaths
  - 127 LTC residents, and 3 AL residents

# Outbreaks in care

- Of the 53 outbreaks:
  - 31 outbreaks had no deaths
  - 22 were contained to a single staff member
  - 7 were contained to a single resident
  - 3 were contained to 2 to 5 residents/staff
  - 10 involved between 6 and 15 residents/staff
  - 11 involved more than 15 residents/staff

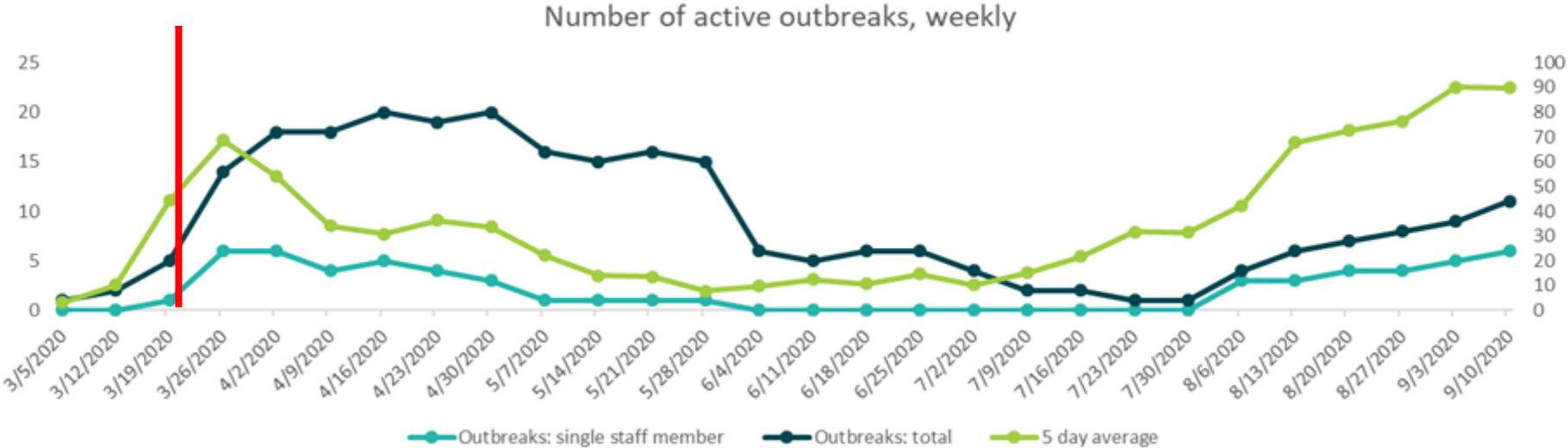
# Outbreaks in care



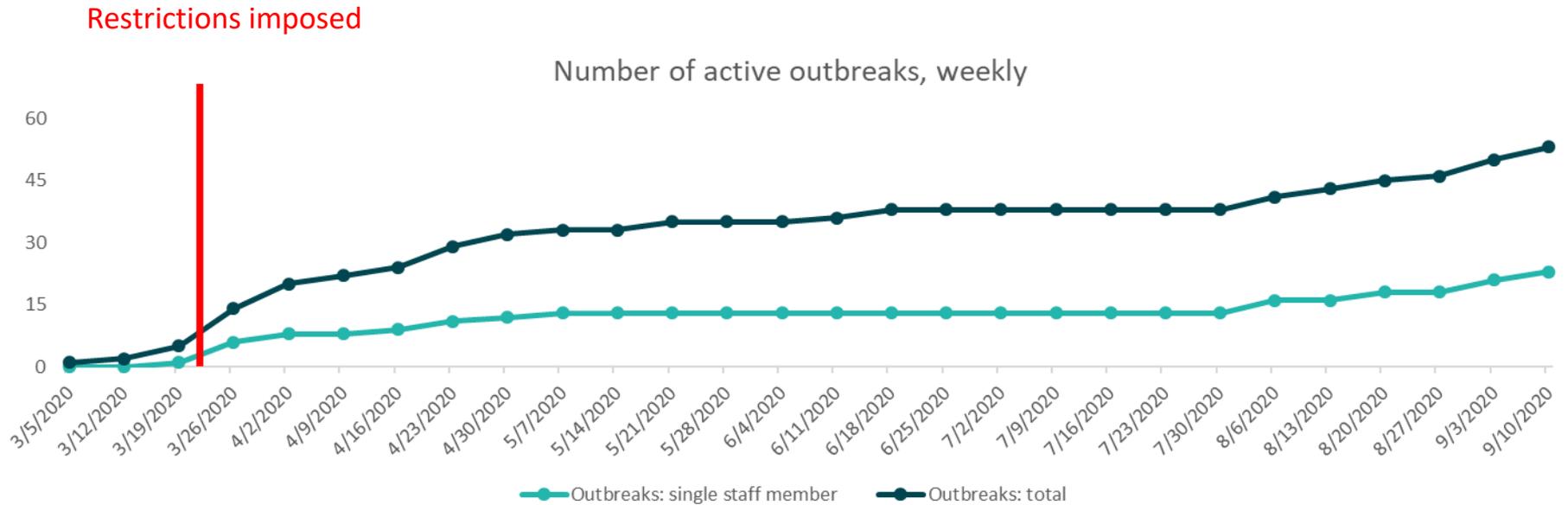
- Outbreaks involving a single staff member make up half of currently active outbreaks
- Mid/late April was peak of outbreak activity

# Outbreaks in care

Restrictions imposed



# Outbreaks in care



- The number of outbreaks has begun to accelerate again
- Visitor restrictions imposed on March 20 in VCH and March 22 in FHA

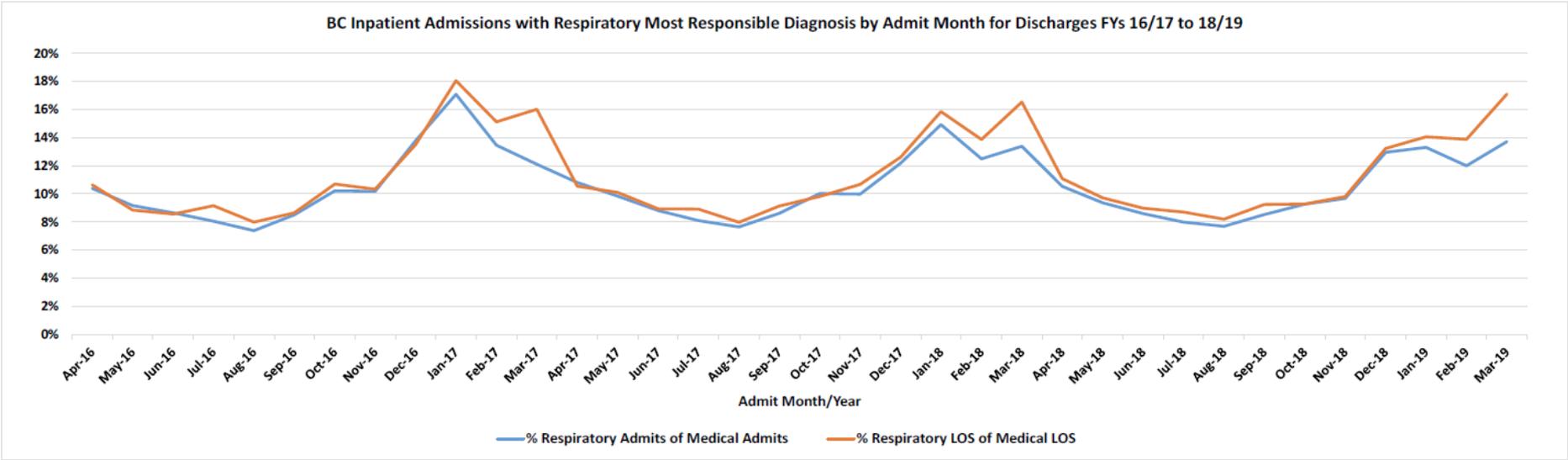
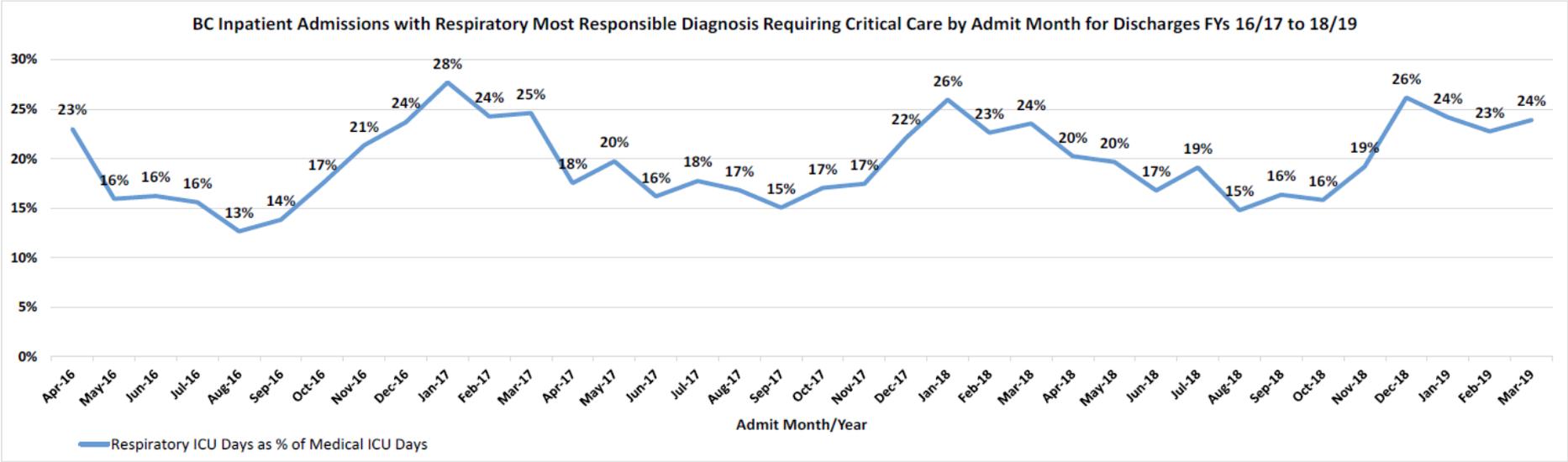
# Update on survey

- 6,700 surveys completed
- 2,500 in progress

# Provincial plan

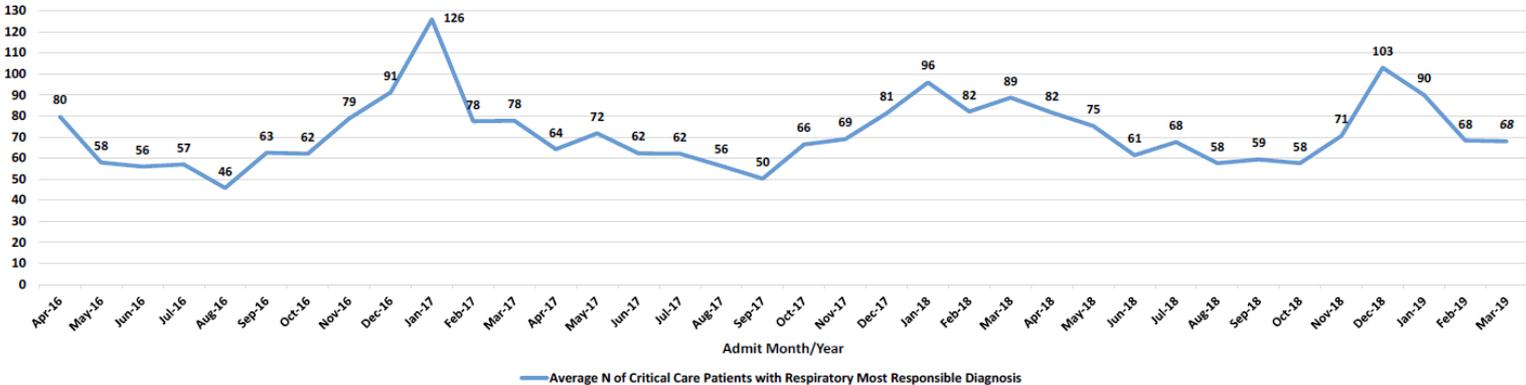
- High dose flu vaccine in long-term care
- Push flu vaccine in general population (voluntary)
- No province-wide surgery cancelations
  - Regional approach
- Hospital at Home initiative
- Training and deploying additional staff for LTC/AL
- \$1.3 billion additional funding to Ministry of Health

# The Influence of Influenza Season on Hospital Admissions

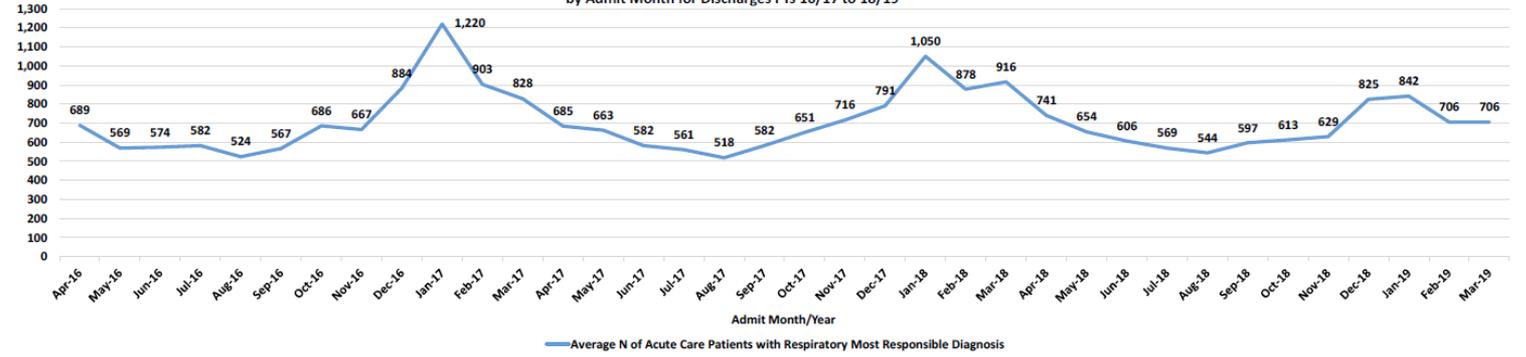


# Impact of Respiratory Admissions on Bed Census

Estimated Average Critical Care Census for Inpatient Admissions with Respiratory Most Responsible Diagnosis by Admit Month for Discharges FYs 16/17 to 18/19



Estimated Average Inpatient Care Census for Admissions with Respiratory Most Responsible Diagnosis by Admit Month for Discharges FYs 16/17 to 18/19



Estimated number of beds occupied by patients with respiratory diagnosis:

- Critical care @ low influenza season: ~55
- Critical care @ high influenza season: ~85
- Acute care @ low influenza season: ~570
- Acute care @ high influenza season: ~840

# 19 COVID-19 Sites: First Lines of Defense

HA	COVID-19 Site	Hospital	Base Beds			
			ICU	HAU	Critical Care Other	Acute Care
IHA	COVID-19	East Kootenay Regional Hospital	6			71
IHA	COVID-19	Kelowna General Hospital	19		10	412
IHA	COVID-19	Kootenay Boundary Regional Hospital	6			69
IHA	COVID-19	Penticton Regional Hospital	7			148
IHA	COVID-19	Royal Inland Hospital	16		4	238
IHA	COVID-19	Vernon Jubilee Hospital	10			176
<b>IHA</b>	<b>COVID-19</b>	<b>Total HA</b>	<b>64</b>	<b>0</b>	<b>14</b>	<b>1,114</b>
IHA	Other Hospital	Total HA	0	6	0	235
FHA	COVID-19	Abbotsford Regional Hospital and Cancer Centre	8	8	22	262
FHA	COVID-19	Royal Columbian Hospital	16	44	21	321
FHA	COVID-19	Surrey Memorial Hospital	21	20	14	623
<b>FHA</b>	<b>COVID-19</b>	<b>Total HA</b>	<b>45</b>	<b>72</b>	<b>57</b>	<b>1,206</b>
FHA	Other Hospital	Total HA	35	0	0	1,305
VCHA	COVID-19	Lions Gate Hospital	9			233
VCHA	COVID-19	Richmond Hospital	4	4		214
VCHA	COVID-19	St. Paul's Hospital	15		20	393
VCHA	COVID-19	Vancouver General Hospital	50		18	712
<b>VCHA</b>	<b>COVID-19</b>	<b>Total HA</b>	<b>78</b>	<b>4</b>	<b>38</b>	<b>1,552</b>
VCHA	Other Hospital	Total HA	12	6	0	410
VIHA	COVID-19	Nanaimo Regional General Hospital	10			330
VIHA	COVID-19	Royal Jubilee Hospital	11		16	445
VIHA	COVID-19	Victoria General Hospital	9			336
<b>VIHA</b>	<b>COVID-19</b>	<b>Total HA</b>	<b>30</b>	<b>0</b>	<b>16</b>	<b>1,111</b>
VIHA	Other Hospital	Total HA	22	0	0	580
NHA	COVID-19	Fort St John Hospital & Peace Villa	4			44
NHA	COVID-19	Mills Memorial Hospital	4			44
NHA	COVID-19	University Hospital of Northern British Columbia (UHNBC)	10	7		222
<b>NHA</b>	<b>COVID-19</b>	<b>Total HA</b>	<b>18</b>	<b>7</b>	<b>0</b>	<b>310</b>
NHA	Other Hospital	Total HA	9	0	0	218
<b>BC</b>	<b>COVID-19</b>	<b>Total BC</b>	<b>235</b>	<b>83</b>	<b>125</b>	<b>5,293</b>
BC	Other Hospital	Total BC	78	12	0	2,748

- As in the spring of 2020, our first “line of defense” are our 19 COVID-19 sites which will support patients with COVID-19 and keep other inpatient services strong.
- 19 sites identified as COVID-19 sites
  - 3 each in FHA, VIHA, and NHA
  - 4 in VCHA
  - 6 in IHA.
- The COVID-19 sites will manage the COVID-19 patients until a critical mass of COVID-19 patients is accumulated.
- All hospitals can be called upon if the COVID-19 sites as first lines of defense are not sufficient.
- COVID-19 sites represent three quarters (75%) of all ICU beds and 87% of HAU beds; 100% of “other” critical care other beds and 66% of acute care beds.

NOTE: Data Source – Hospital Capacity Data - Health Authority daily census reporting; Bed numbers are reported as of Aug 10<sup>th</sup> 2020; bed classification and bed numbers will continue to evolve as hospitals refine capacity.

# Critical Care Capacity – COVID-19 Sites' Detail

Health Authority	Service	COVID-19 Sites		Other Hospital Sites	
		Base Beds	Surge Beds <sup>1</sup>	Base Beds	Surge Beds <sup>1</sup>
IHA	ICU	64	24	0	0
	HAU	0		6	0
	CSICU/CCU	14	0	0	0
	<b>Total Critical Care</b>	<b>78</b>	<b>24</b>	<b>6</b>	<b>0</b>
FHA	ICU	45	69	35	7
	HAU	72		0	0
	CSICU/CCU	57	7	0	0
	<b>Total Critical Care</b>	<b>174</b>	<b>76</b>	<b>35</b>	<b>7</b>
VCHA	ICU	78	21	12	46
	HAU	4		6	0
	CSICU/CCU	38	89	0	0
	<b>Total Critical Care</b>	<b>120</b>	<b>110</b>	<b>18</b>	<b>46</b>
VIHA	ICU	30	89	22	34
	HAU	0		0	0
	CSICU/CCU	16	0	0	0
	<b>Total Critical Care</b>	<b>46</b>	<b>89</b>	<b>22</b>	<b>34</b>
NHA	ICU	18	19	9	0
	HAU	7		0	0
	CSICU/CCU	0	0	0	0
	<b>Total Critical Care</b>	<b>25</b>	<b>19</b>	<b>9</b>	<b>0</b>
BC	ICU	235	222	78	87
	HAU	83		12	0
	CSICU/CCU	125	96	0	0
	<b>Total Critical Care</b>	<b>443</b>	<b>318</b>	<b>90</b>	<b>87</b>

<sup>1</sup> Critical Care surge beds include ICU and HAU surge beds. Critical Care Other surge beds include CSICU and CCU beds.

Note 1: PHSA's PICU and NICU numbers are not included in this chart. FHA's HAU, CSICU and CCU numbers may require further refinement based on agreed upon criteria.

Note 2: Across all HA's Pediatric Intensive Care Unit (PICU) or Neonatal Intensive Care Unit (NICU) beds are not included

Data Source: Hospital Capacity Data - Health Authority daily census reporting (Aug 10, 2020).

# Adult Mechanical Ventilators Capacity Across BC

Location	Provincial Pandemic fleet Ventilators	Site Mechanical Ventilators	Total Adult ICU Mechanical Ventilators	Non-COVID-19 Sites Mechanical Ventilators	COVID-19 Sites Mechanical Ventilators
Available	48		<b>48</b>	0	<b>48*</b>
IHA	8	79	<b>87</b>	5	<b>82</b>
FHA	0	187	<b>187</b>	57	<b>130</b>
VCH	0	138	<b>138</b>	5	<b>133</b>
PHC	0	47	<b>47</b>	5	<b>42</b>
VIHA	0	109	<b>109</b>	35	<b>74</b>
NHA	5	33	<b>38</b>	5	<b>33</b>
PHSA	0	48	<b>48</b>	0	<b>48</b>
<b>Total</b>	<b>61</b>	<b>641</b>	<b>702</b>	<b>112</b>	<b>590</b>

Note: Site Mechanical Ventilators include site pandemic fleet and regular inventory.

Note: \* denotes Mechanical Ventilators available but not currently assigned to a particular site and which can be moved

Data source: Provincial Biomedical Database – June 19, 2020

# CoA Review

- September: scoping the review and initial outreach
- October: complete phase 1 of report
- November: share results of phase 1 with the CoA
- December – February: phase 2 of report