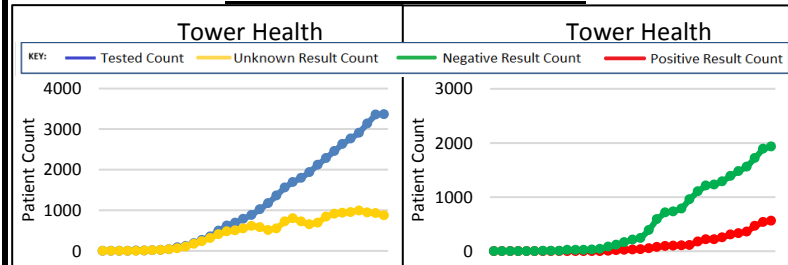


# Tower Health - COVID 19 Report - Tower Health

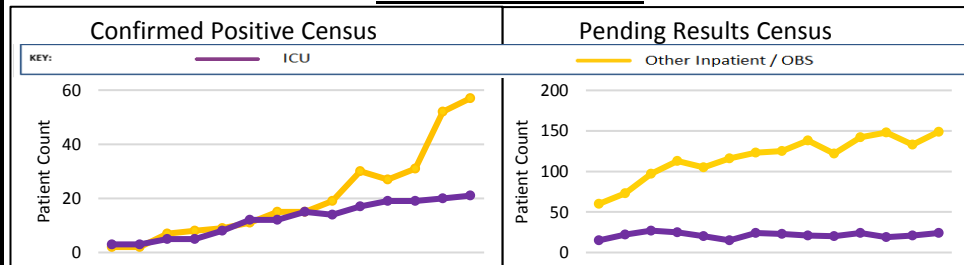
4/8/2020

## Patient COVID-19 Tests



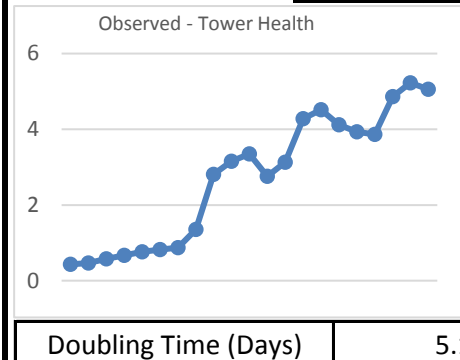
	Tested Count	Positive Count	Negative Count	Unknown Count
Last 24 Hours	214	91	197	-74
Cumulative	3370	562	1933	875

## COVID-19 Census



	ICU	Other IP/OBS	Total IP/OBS
Confirmed Positive	21	57	78
Pending Results	24	149	173

## Doubling Time

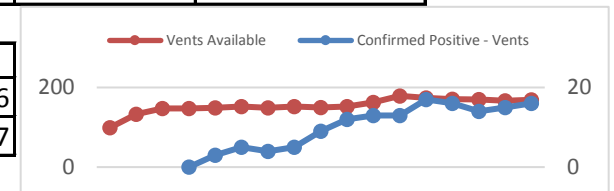


Doubling Time (Days)	5.1
----------------------	-----

## Vent Utilization

Total Vents	Vents in Use	Vents Available	Vent Utilization Rate
233	64	169	27%

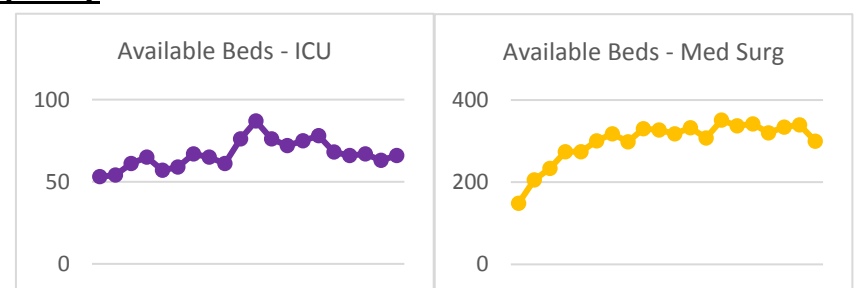
	Vents in Use
Confirmed Positive	16
Pending Results	7



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	155	77	66	50%
MedSurg	730	311	300	43%
PCU/IMU	219	155	44	71%

Scheduled OR Cases	48
--------------------	----



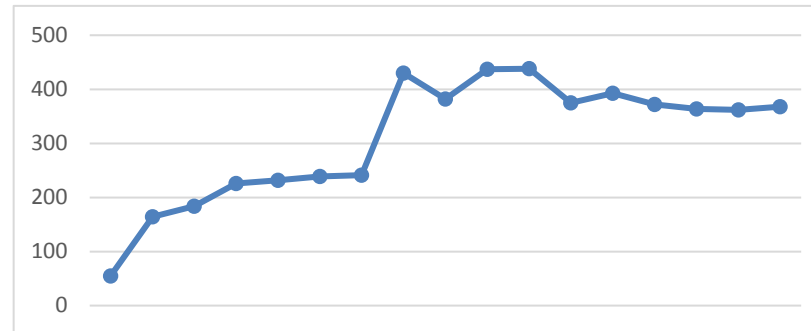
## Tower Health - COVID 19 Report - Tower Health

4/8/2020

### Inpatient COVID-19 Mortality Rate

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
65	146	13	144	368



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
23	110	5	57	195

Today's Date		4/8/2020		
Entity		THMG		
Patients				
New Patients		New Cases	Cumulative Count	
Presumed		0	27	
Confirmed Positive		0	7	
Total active Patients				
Screening Calls		24	1225	
Reported To Hotline		18	617	
Reported to DOH		0	32	
Tested Per DOH Criteria		8	94	
Exposed Staff, MD, APP		Yesterday	NEW Today	Cummulative
Staff		24	0	22
Physicians APPs		21	1	22
Call -Outs		Yesterday	Today	
Staff		56	50	
Physicians APPs		18	18	
Total Staff Unavailable		Yesterday	Today	
Staff		80	72	
Physicians APPs		39	40	
Hospital Capacity (Available beds)				
ED				
Med Surg				
ICU				
OR				
Staff Concerns				
Supply concerns				
Knowledge gaps				
Other issues				
CLOSED:				
Coventry Foot & Ankle - Providers answering patient calls remotely				
Interventional Pain Management - Providers answering patient calls remotely				
St. Chris Care Reading				
Cardiology Hamburg - Rotating staff (DOB, etc.)				
Gynecology Hamburg - Staff flexed in Reading				
Psych Partial Hospitalization Program				
Psych Outpatient closed Fridays (starting 4/10)				

## THUC/Telehealth

**COVID Report - April 8, 2020**

### THUC

Total Tests Performed yesterday	81	
Positive Results	43 (out of 100 received)	
New Staff Exposed	0	
Staff Out -Provider -Non-Provider	0 2	1 positive COVID; 1 test pending
Supplies Needed	Adequate	Reallocating supplies every Tuesday and Thursday (THUC sites)
Staff Concerns		
Unmet Needs		

### Telehealth

Teladoc	Working with Marketing, IT and Clinicians	<b>Complete</b> THMG On Demand will be live by THUC staff April 15
My Chart Video Visits	eVisit-THMG Workflow Video Visit-in process As of this morning, the Vidyo/Epic integration is working	Timeline Monday after workflow with EPIC/THMG defined Video Visits-three phases 1. Hyperspace from Practice and Haiku/Cantu use 2. Remote Visits from Home
Epic Monitor	Goal to link this with Vidyo carts to monitor patients between facilities	Installed Working with ICU and Medical Leads-Kickoff today discuss the scope, purpose and location after we learn about predictive modeling <b>Where to do this? Workforce?</b> Hub and Spoke modeled out. Amanda McNicholis facilitating
Current Video Visits	Facilities using a variety of technology	St. Chris to use existing commercial technology for now-evaluating Doximity
Remote Monitoring	Mary Bilotta increasing the number of patients being monitored post discharge from Tower Facilities	Pottstown to launch Remote monitoring in April Meeting to expand to home health Met with two vendors to evaluate needs with IT Doing a comparative analysis
Telestroke	Roll out to CMP Hospitals Successful rollout with no transfers out of the system since install	<b>Pottstown go live April 8;</b> will work to Jennersville up in April; Brandywine date TBD
Telepsychiatry Services	Planning to arrange coverage for quarantined Physicians;	<b>Testing this week</b>
Education	HealthStream created Working with THMG to script a video visit Identify a cadre of PCPs who can do remote visits	Received help-Thanks!
Inpatient Consults	Developing process for inpatient consults remotely Need process owner Received Codes	John Derderian taking leadership role/Dr. McCurley assisting

## Tower Health at Home

Date: 4.8.20 @ 9:00

	HOME HEALTH		Notes
<b>Patients:</b>	New Patient Count	0	
	<b>Total Tests Completed</b>	16	
	• Presumed (Pending)	1	
	• Confirmed Positive	1	Pt still in hospital
	• Negative	14	
	• Quarantined but not Tested	1	
	Total Active Patients	0	
<b>Exposed Staff:</b>	New Staff	0	
	Total Staff	3	
<b>Staff Unavailable:</b>	• Staff Unavailable	1	3/31 RN orientation put on hold.
(call outs or quarantined)	• Areas at risk for understaffing today		
<b>Referral Capacity:</b>	Green		
	HOSPICE		Notes
<b>Patients</b>	New Patient Count	0	
	<b>Total Tests Completed</b>	3	
	• Presumed (Pending)		
	• Confirmed Positive	2	4/4 Pt at home, living in Kutztown Manor
	• Negative	1	
	• Quarantined but not Tested	0	
	Total Active Patients		
<b>Exposed Staff</b>	New Staff	2	RN and aide exposed to pt at home living in Kutztown Manor. Aide has been pulled from facility. RN will only go if facility calls. RN will follow pt with regular phone calls.
	Total Staff	3	
<b>Staff Unavailable</b>	• Staff Unavailable	0	
(call outs or quarantined)	• Areas at risk for understaffing today	0	
<b>Referral Capacity</b>	Green		
	ADVANTAGE		Notes
<b>Patients</b>	New Patient Count	0	
	<b>Total Tests Completed</b>	0	
	• Presumed (Pending)		
	• Confirmed Positive		
	• Negative		
	• Quarantined but not Tested		
	Total Active Patients	0	
<b>Exposed Staff</b>	New Staff		
	Total Staff	0	
<b>Staff Unavailable</b>	• Staff Unavailable	1	1 Caregiver traveled outside of state, returning 4/13.
(call outs or quarantined)	• Areas at risk for understaffing today	0	
<b>Referral Capacity</b>	Green		
<b>Guidelines:</b>	Staffed Trained and Following	YES	
	Concerns About Guidelines, Training, or Implementation	NO	
<b>Total Staff Unavailable</b>		2	
<b>Staff Concerns:</b>			
<b>Supply Concerns:</b>	4/8 Gowns		
<b>Knowledge Gaps - New Questions:</b>			
			Philadelphia VNA is available for admissions in the Philadelphia area. Contacts - Jill Morrisroe, VP Business Development, 610-909-5717 and Lisa Ward, Account Liaison, 215-510-9266
<b>Other Issues:</b>		NO	

**New Exposure to Residents and Fellows**

None

**Investigation**

None

**Newly Tested / Newly Confirmed Positive**

None

**Newly Quarantined**

None

**Total # of Residents/Fellows Currently on Quarantine / % of Total Residents/Fellows**

Reading Hospital: 3 residents  
Chestnut Hill Hospital: 2 residents  
St. Christopher's Hospital: 1 dental + 7 residents  
4%

**Staffing Concerns**

None

**Supply Concerns**

PPE - STC

**Knowledge Gaps**

81% residents/fellows have signed the GME COVID-19 Guidance &amp; Training Form.

**Other Concerns or Issues**

STC - Neonatal: Tower Health policy to take off masks in public spaces of the hospital (cafeteria etc.) does not align with national recommendations. Fellows are concerned.

Hospital: Brandywine

Date: 4/8/2020

**Patient Testing**

5 new pts tested last 24 hours; 123 total (10 positive - 5IP, 5OP), 83 not detected, 30 pending  
Pending results - 24IP / 6OP; 17 on 2W cohort unit; 7 in ICU

**Exposure to Staff and/or Providers**

BHP tech went home early last night with fever

**Communications/Guidelines**

Chester County Health Department offered antibody testing for employees; following up

**Staffing Call Outs**

2 call offs 4/7 PM (BHP RN, BHP MHT); 1 BHP MHT left early d/t fever  
1 call off 4/8 PM (PCU PCA - no childcare)

**Hospital Capacity**

Hospital census - 102 (58 Acute; 44 Behavioral Health)  
On critical care divert since 1900 hours on 4/7/20 (12 patients in ICU / all available staff in full assignment; 1 post cardiac arrest therapeutic cooling; 8 ventilated patients)

**Ventilators/Equipment**

8 vents in use; 15 available

**Staffing Concerns**

ICU staffing due to acuity and vacancies; ICU travelers requested

**Supply Concerns**

None

**Knowledge Gaps**

None

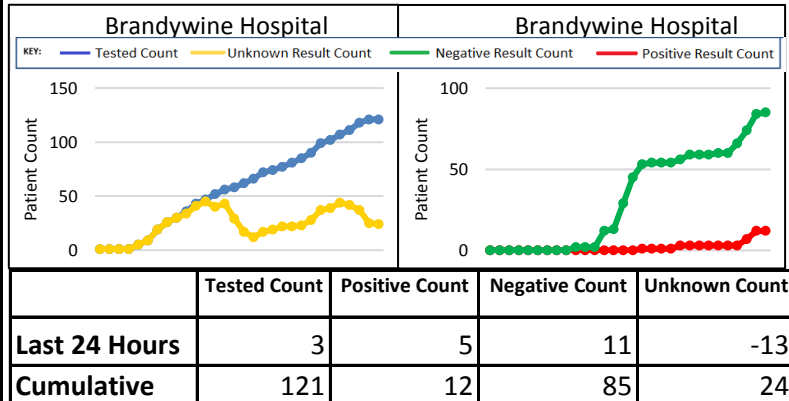
**Other Concerns or Issues**

Reduced hospital entrances to only 2 today to improve temperature screening process.

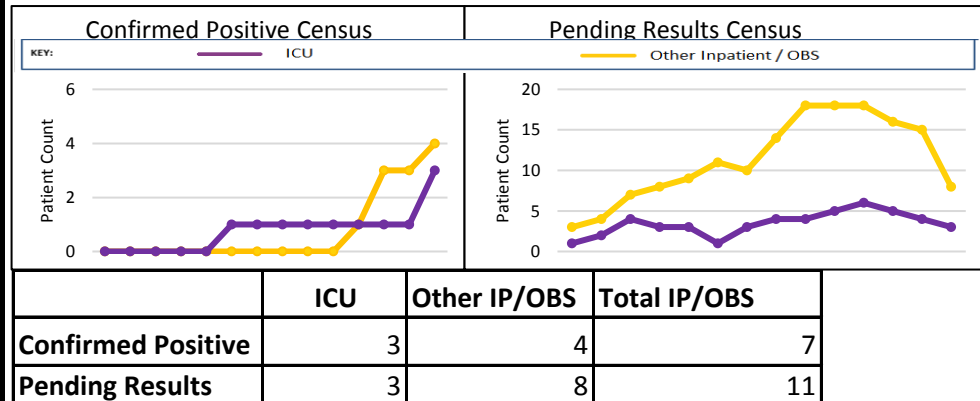
# Tower Health - COVID 19 Report - Brandywine Hospital

4/8/2020

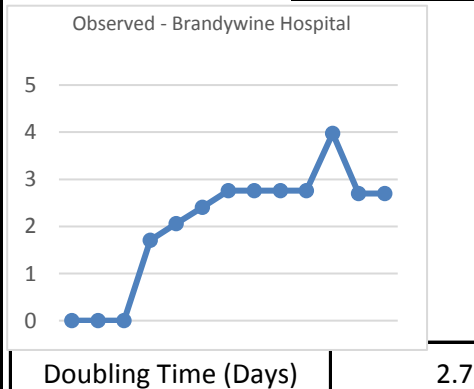
## Patient COVID-19 Tests



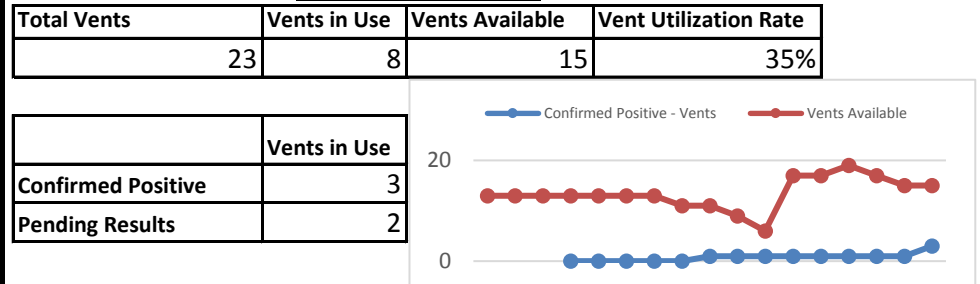
## COVID-19 Census



## Doubling Time



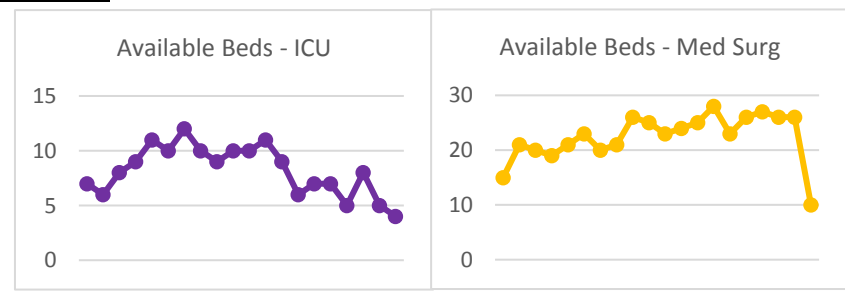
## Vent Utilization



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	15	11	4	73%
MedSurg	39	27	10	26%
PCU/IMU	51	37	12	73%

Scheduled OR Cases	4
--------------------	---





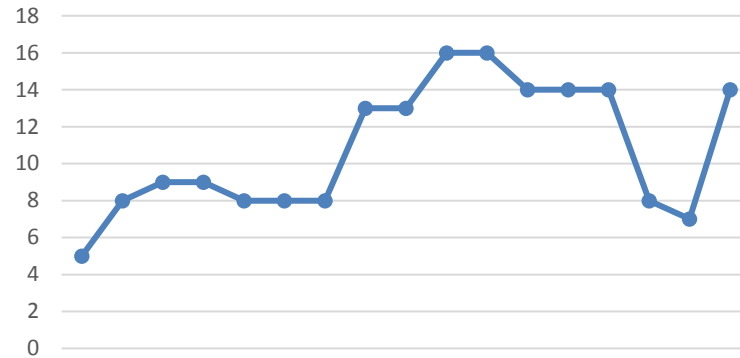
## Tower Health - COVID 19 Report - Brandywine Hospital

4/8/2020

### Inpatient COVID-19 Mortality Rate

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
2	8	0	4	14



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
2	24	1	13	40

Hospital: Chestnut Hill

Date: 4/8/2020

**Patient Testing**

25 new patient's tested.  
61 rule outs  
27 in-house positive patients.

**Exposure to Staff and/or Providers**

None

**Communications/Guidelines**

Working through N95 sterilization today with team.

**Staffing Call Outs**

1 RN  
2 PCA

**Hospital Capacity**

ICU - RED - 1 code bed remaining.  
M/S - Tele - 21 available  
5 South - 3 vented patients as ICU overflow.

**Ventilators/Equipment**

Total 20 vents with additional borrowed vents from St. Chris. 8 available.

**Staffing Concerns**

None. Additional ICU Staff Received.

**Supply Concerns**

None.

**Knowledge Gaps**

None.

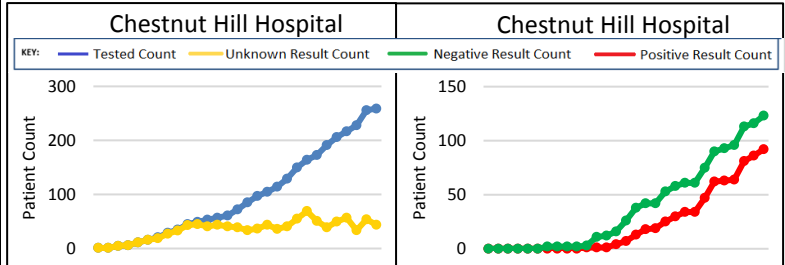
**Other Concerns or Issues**

Transportation concerns (staff) - SEPTA moves to lifeline services 4/9. Working with local leadership on planning activities.

# Tower Health - COVID 19 Report - Chestnut Hill Hospital

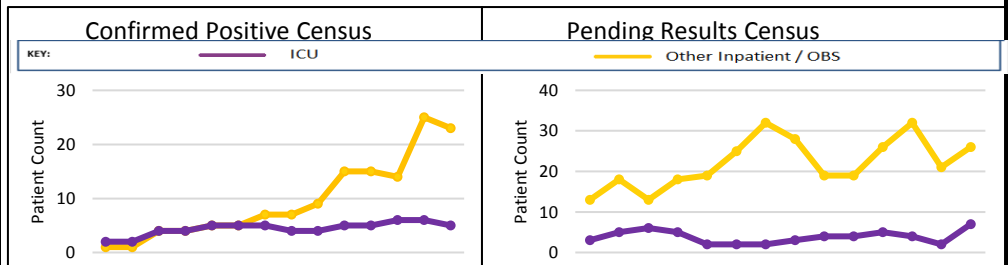
4/8/2020

## Patient COVID-19 Tests



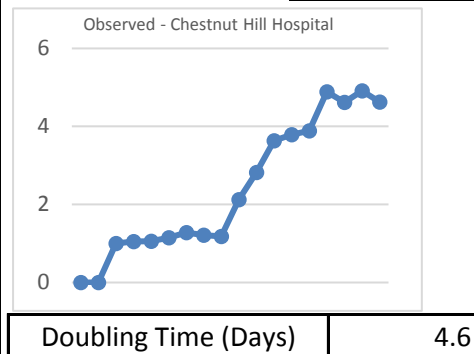
	Tested Count	Positive Count	Negative Count	Unknown Count
Last 24 Hours	25	11	10	4
Cumulative	259	92	123	44

## COVID-19 Census



	ICU	Other IP/OBS	Total IP/OBS
Confirmed Positive	5	23	28
Pending Results	7	26	33

## Doubling Time

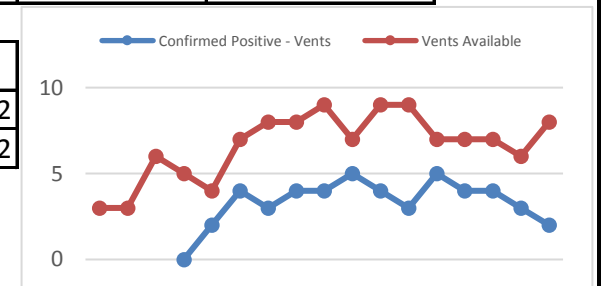


Doubling Time (Days)	4.6
----------------------	-----

## Vent Utilization

Total Vents	Vents in Use	Vents Available	Vent Utilization Rate
20	12	8	60%

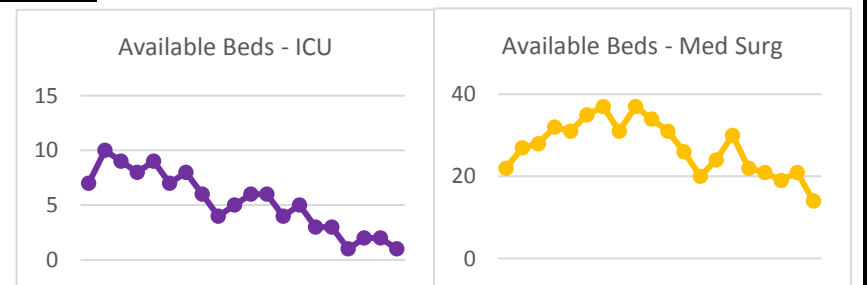
	Vents in Use
Confirmed Positive	2
Pending Results	2



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	14	13	1	93%
MedSurg	80	51	14	64%
PCU/IMU	34	22	9	65%

Scheduled OR Cases	9
--------------------	---

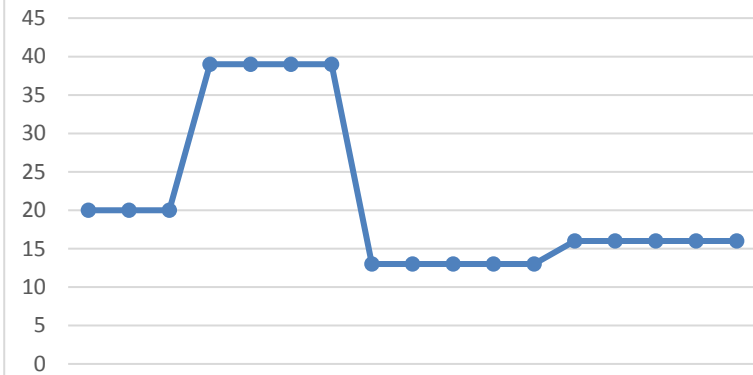


## Tower Health - COVID 19 Report - Chestnut Hill Hospital

4/8/2020

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
2	6	0	8	16



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
2	7	0	10	19

Hospital: Jennersville

Date: 4/8/2020

**Patient Testing**

4 New patients tested yesterday all admitted Total tested patients is 39  
6 presumed patients and 3 confirmed patients  
Confirmed Positive 10 patients (6 outpatient; 4 inpatient)  
Pending Results 8 (6 inpatients; 2 outpatients)

**Exposure to Staff and/or Providers**

No new staff exposures

**Communications/Guidelines**

N95 reprocessing and the RTW guidelines and process

**Staffing Call Outs**

No call outs today. 2 employees still quarantined. 1 positive and 1 pending results.

**Hospital Capacity**

5 of 8 negative pressure rooms are in use  
No other capacity issues

**Ventilators/Equipment**

2 of 8 ventilators in use

**Staffing Concerns**

No issues

**Supply Concerns**

Procedure masks  
Face masks with shields

**Knowledge Gaps**

None

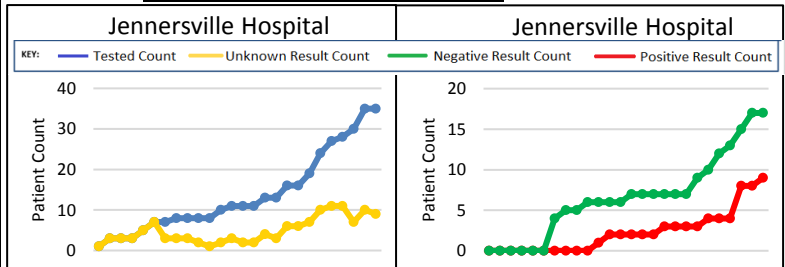
**Other Concerns or Issues**

None

# Tower Health - COVID 19 Report - Jennersville Hospital

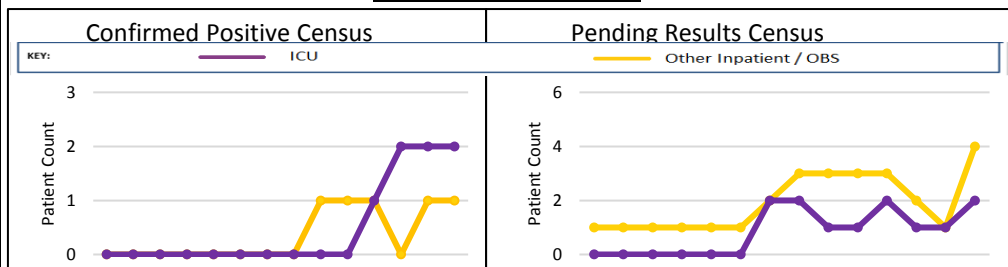
4/8/2020

## Patient COVID-19 Tests



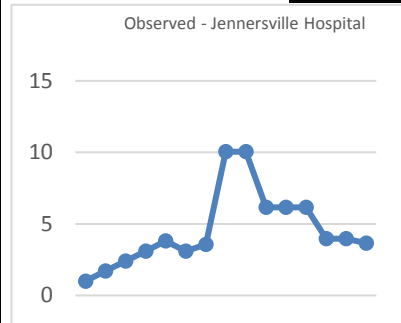
	Tested Count	Positive Count	Negative Count	Unknown Count
Last 24 Hours	4	1	2	1
Cumulative	35	9	17	9

## COVID-19 Census



	ICU	Other IP/OBS	Total IP/OBS
Confirmed Positive	2	1	3
Pending Results	2	4	6

## Doubling Time

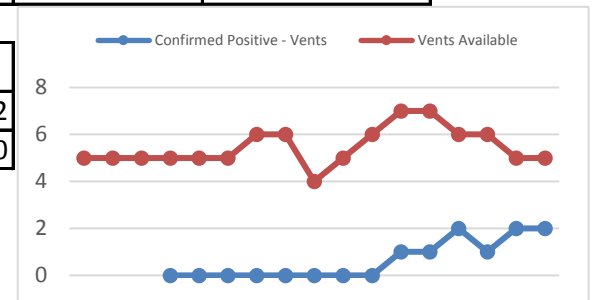


Doubling Time (Days)	3.7
----------------------	-----

## Vent Utilization

Total Vents	Vents in Use	Vents Available	Vent Utilization Rate
8	3	5	38%

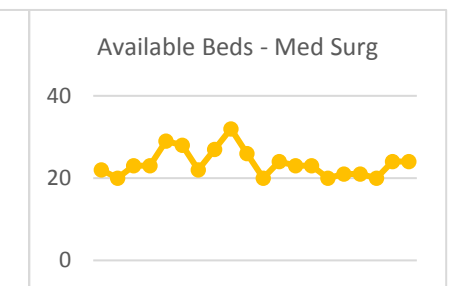
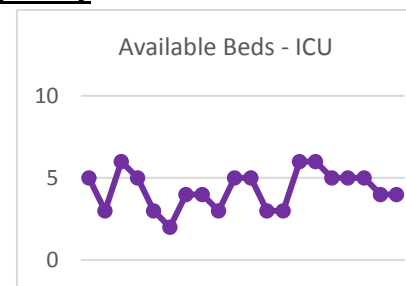
	Vents in Use
Confirmed Positive	2
Pending Results	0



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	9	5	4	56%
MedSurg	43	19	24	44%
PCU/IMU				

Scheduled OR Cases	3
--------------------	---

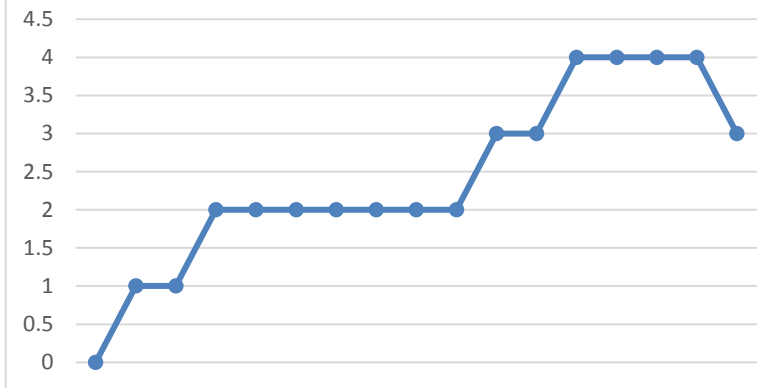


## Tower Health - COVID 19 Report - Jennersville Hospital

4/8/2020

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
0	3	0	0	3



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
0	3	0	0	3

Hospital: Phoenixville

Date: 4/8/2020

**Patient Testing**

15 total tests last 24 hrs; 5 inpatients tests; no new positives. 1 inpatient known positive from SNF on admission. Total 6 positive inpatients. 18 pending inpatient tests.

**Exposure to Staff and/or Providers**

No new exposures

**Communications/Guidelines**

Received notice from Chester County DOH requesting participation in antibody testing. Need guidance before responding.

**Staffing Call Outs**

Staff is green; no trends in callouts.

**Hospital Capacity**

Census is 89; ICU 10 of 24 beds occupied. No capacity concerns.

**Ventilators/Equipment**

No concerns

**Staffing Concerns**

None

**Supply Concerns**

No PPE concerns

**Knowledge Gaps**

None

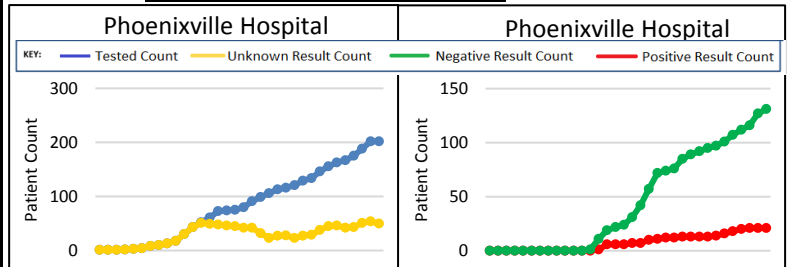
**Other Concerns or Issues**



# Tower Health - COVID 19 Report - Phoenixville Hospital

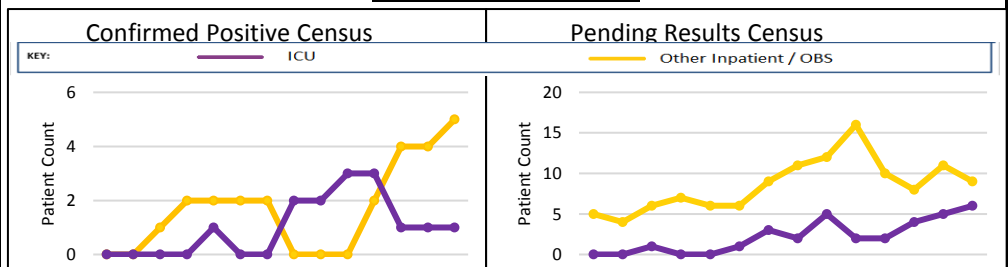
4/8/2020

## Patient COVID-19 Tests



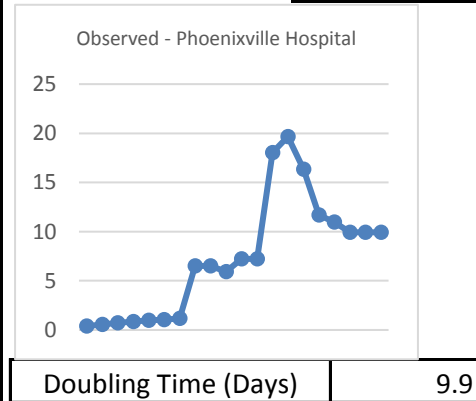
	Tested Count	Positive Count	Negative Count	Unknown Count
Last 24 Hours	14	0	14	0
Cumulative	202	21	131	50

## COVID-19 Census



	ICU	Other IP/OBS	Total IP/OBS
Confirmed Positive	1	5	6
Pending Results	6	9	15

## Doubling Time

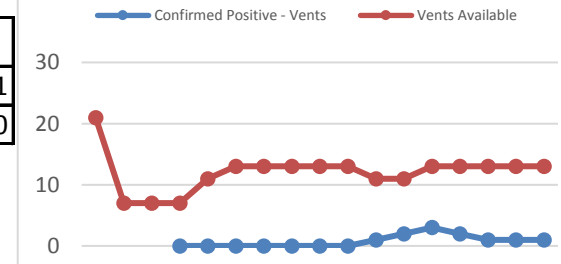


9.9

## Vent Utilization

Total Vents	Vents in Use	Vents Available	Vent Utilization Rate
15	2	13	13%

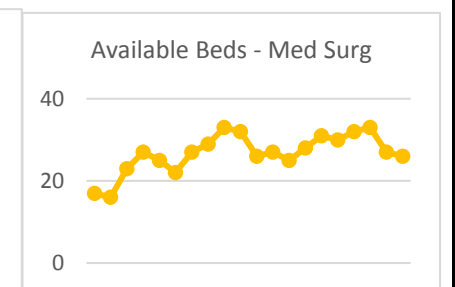
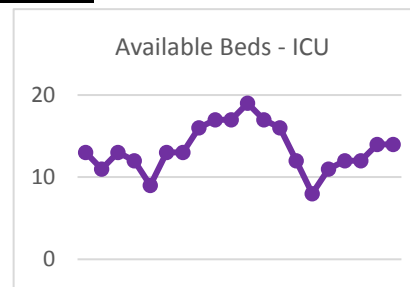
	Vents in Use
Confirmed Positive	1
Pending Results	0



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	24	10	14	42%
MedSurg	51	23	26	45%
PCU/IMU	32	26	5	81%

Scheduled OR Cases	2
--------------------	---

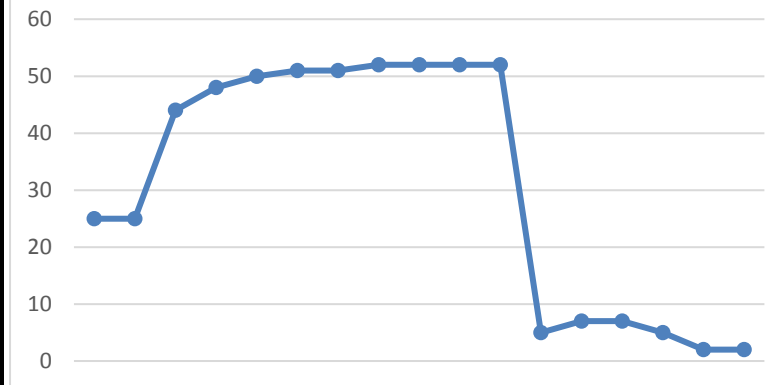


## Tower Health - COVID 19 Report - Phoenixville Hospital

4/8/2020

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
0	1	0	1	2



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
1	28	0	9	38

Hospital: Pottstown

Date: 4/8/2020

**Patient Testing**

Total tests-200; 127 Negative; 22 Positive; 51 Pending  
9 New Collections since Monday

**Exposure to Staff and/or Providers**

Quarantined staff  
2 Physicians, 1 APP, 10 Nursing and 4 other staff

**Communications/Guidelines****Staffing Call Outs**

Last 24 hours: 1 RN 2 aides (Plus one sent home at start of shift with fever) 1 USC and 1 Mental Health Worker

**Hospital Capacity**

Census=94

**Ventilators/Equipment**

5 Ventilators in use-1 on + COVID patient

**Staffing Concerns****Supply Concerns**

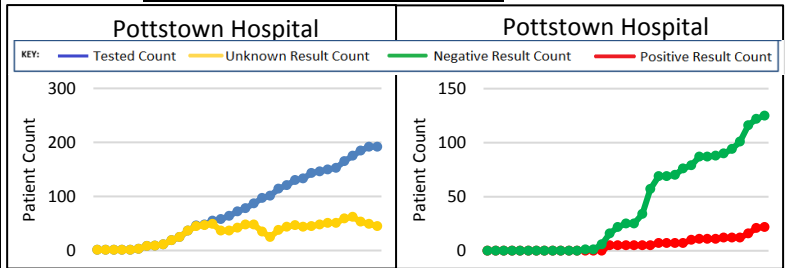
Isolation Gowns

**Knowledge Gaps****Other Concerns or Issues**

# Tower Health - COVID 19 Report - Pottstown Hospital

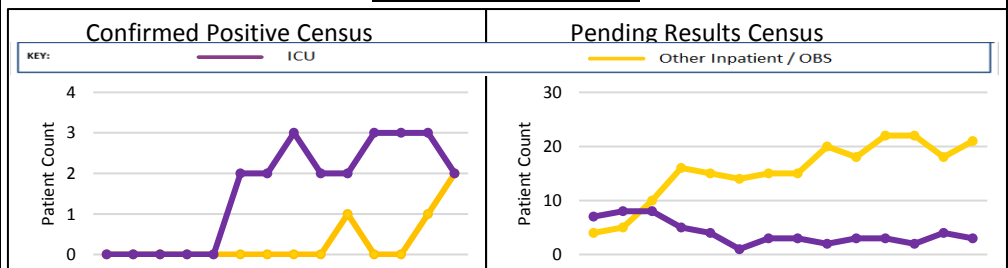
4/8/2020

## Patient COVID-19 Tests



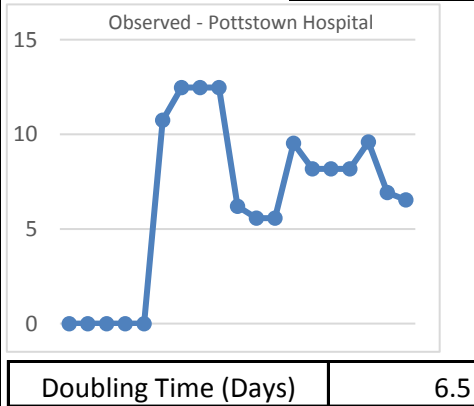
	Tested Count	Positive Count	Negative Count	Unknown Count
Last 24 Hours	10	6	8	-4
Cumulative	192	22	125	45

## COVID-19 Census



	ICU	Other IP/OBS	Total IP/OBS
Confirmed Positive	2	2	4
Pending Results	3	21	24

## Doubling Time

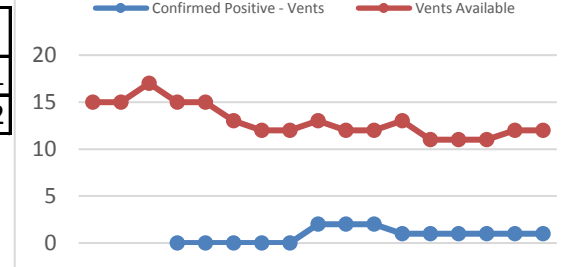


Doubling Time (Days)	6.5
----------------------	-----

## Vent Utilization

Total Vents	Vents in Use	Vents Available	Vent Utilization Rate
17	5	12	29%

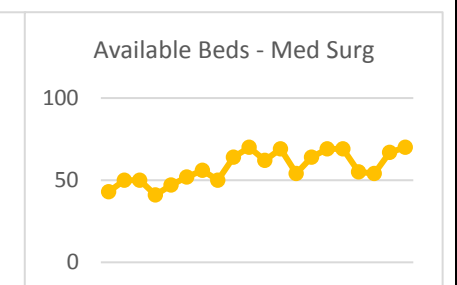
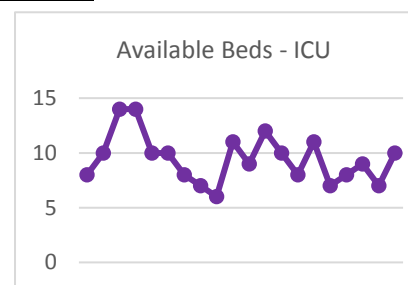
	Vents in Use
Confirmed Positive	1
Pending Results	2



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	18	8	10	44%
MedSurg	114	39	70	34%
PCU/IMU	42	24	4	57%

Scheduled OR Cases	4
--------------------	---

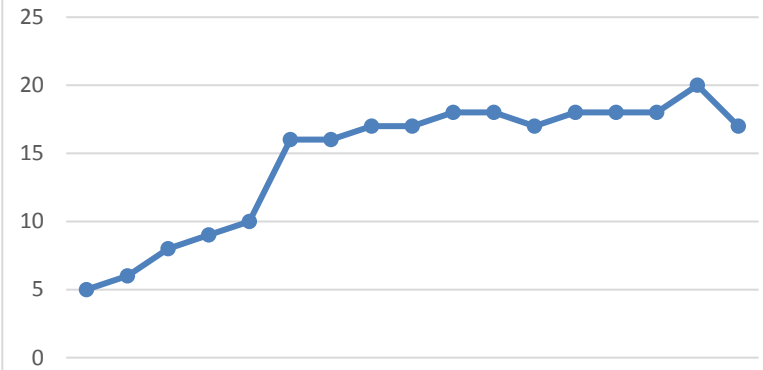


## Tower Health - COVID 19 Report - Pottstown Hospital

4/8/2020

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
2	10	1	4	17



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
0	2	0	0	2

Hospital: Reading

Date: 4/8/2020

**Patient Testing**

4/8/20 - 6 new patient tested

4/7/20 - 57 patient tested

33 New Positives; Cumulative Total Positives: 127 - (30 are currently inpt - of which 8 are in the ICU)

Inpatients on Enhanced Precautions: 127

**Exposure to Staff and/or Providers**

Total Newly Exposed: 30

Total Newly Tested: 6

Total Newly Quarantined: 22

Total Currently Quarantined: 139

**Communications/Guidelines**

4/8/20: No new communications

**Staffing Call Outs**

All departments report being green

14 RN and 2 Staff Call Offs

**Hospital Capacity**

Capacity at all levels of care; specific # of open beds within the following areas (ED: 79, PES: 5, Obs: 11, M/S: 145, IMU: 14, ICU: 20). Multiple OR and Procedure Rooms available. OB Triage - open.

**Ventilators/Equipment**

65 Available (14 in use; 79 total available)

**Staffing Concerns**

All departments report being green

**Supply Concerns**

4-8-20: No new supply concerns

**Knowledge Gaps**

4-8-20: No new knowledge gaps

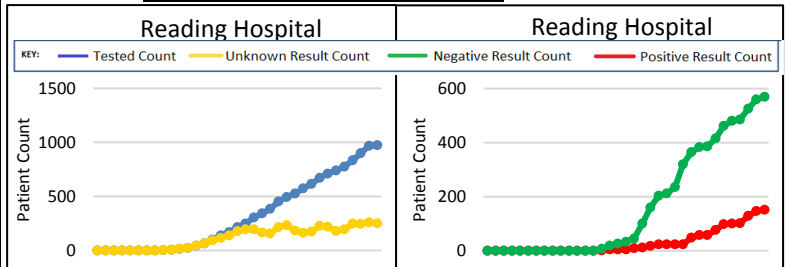
**Other Concerns or Issues**

1. T5 continuing to receive calls from Quest Lab with COVID results instead of the lab.
2. Unit receiving COVID-19 Results for discharged patients - requesting process to address.

# Tower Health - COVID 19 Report - Reading Hospital

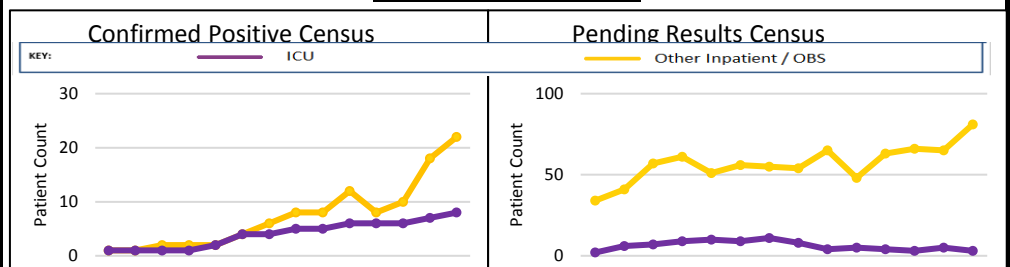
4/8/2020

## Patient COVID-19 Tests



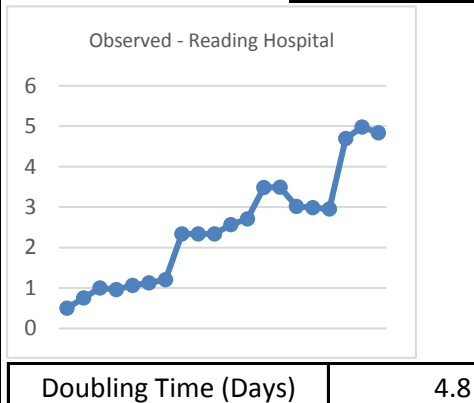
	Tested Count	Positive Count	Negative Count	Unknown Count
Last 24 Hours	72	23	44	5
Cumulative	973	152	570	251

## COVID-19 Census



	ICU	Other IP/OBS	Total IP/OBS
Confirmed Positive	8	22	30
Pending Results	3	81	84

## Doubling Time

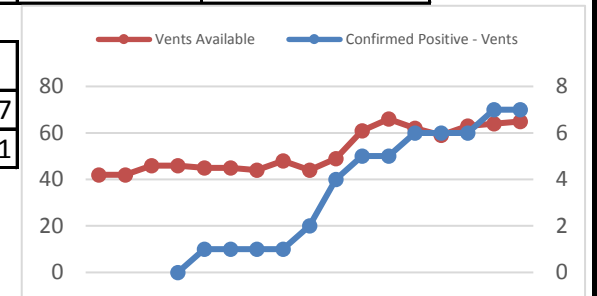


4.8

## Vent Utilization

Total Vents	Vents in Use	Vents Available	Vent Utilization Rate
79	14	65	18%

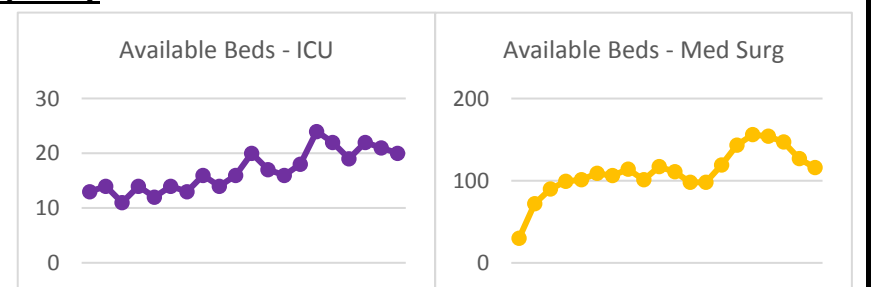
	Vents in Use
Confirmed Positive	7
Pending Results	1



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	41	21	20	51%
MedSurg	288	132	116	46%
PCU/IMU	60	46	14	77%

Scheduled OR Cases	23
--------------------	----

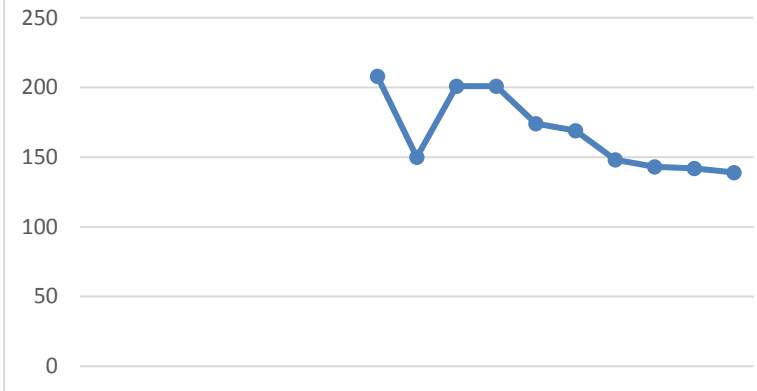


## Tower Health - COVID 19 Report - Reading Hospital

4/8/2020

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
6	73	4	56	139



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
0	14	0	2	16



Hospital: St. Christopher

Date: 4/8/2020

## Patient Testing

Last 24 hours: 1 tested, 0 positive, 7 negative, 6 unknown

## Exposure to Staff and/or Providers

## Communications/Guidelines

staff and parent screening in place

## Staffing Call Outs

7 call outs today; slightly higher than normal

## Hospital Capacity

No issues with capacity; volumes down significantly with many beds available

## Ventilators/Equipment

No issues with availability; loaned 10 to CHH

## Staffing Concerns

## Supply Concerns

Closely monitoring daily volumes/usage - especially gowns

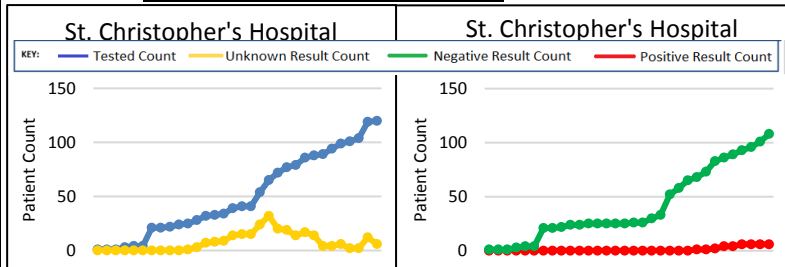
## Knowledge Gaps

## Other Concerns or Issues

# Tower Health - COVID 19 Report - St. Christopher's Hospital

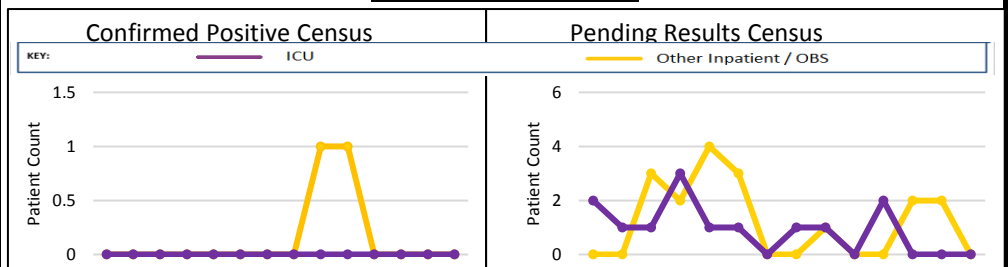
4/8/2020

## Patient COVID-19 Tests



	Tested Count	Positive Count	Negative Count	Unknown Count
Last 24 Hours	1	0	7	-6
Cumulative	120	6	108	6

## COVID-19 Census



	ICU	Other IP/OBS	Total IP/OBS
Confirmed Positive	0	0	0
Pending Results	0	0	0

## Doubling Time

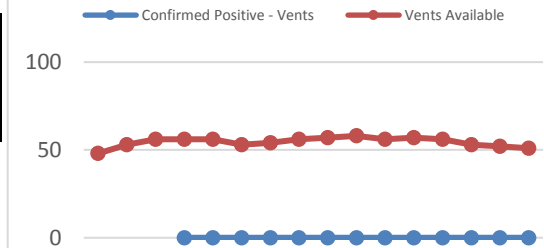


Doubling Time (Days)	2.3
----------------------	-----

## Vent Utilization

Total Vents	Vents in Use	Vents Available	Vent Utilization Rate
71	20	51	28%

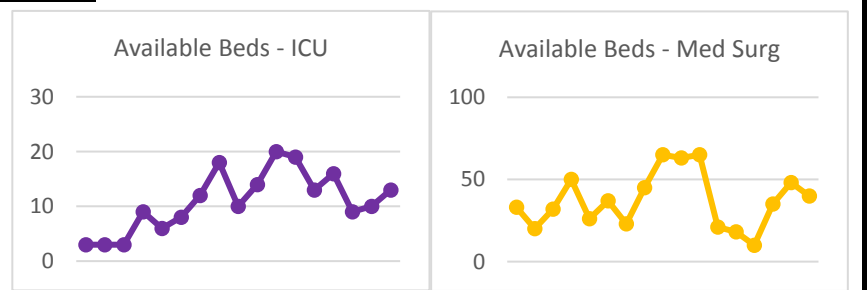
	Vents in Use
Confirmed Positive	0
Pending Results	0



## Hospital Capacity

	Total Beds	Occupied Beds	Available Beds	Occupancy Rate
ICU	34	9	13	26%
MedSurg	115	20	40	17%
PCU/IMU				

Scheduled OR Cases	3
--------------------	---

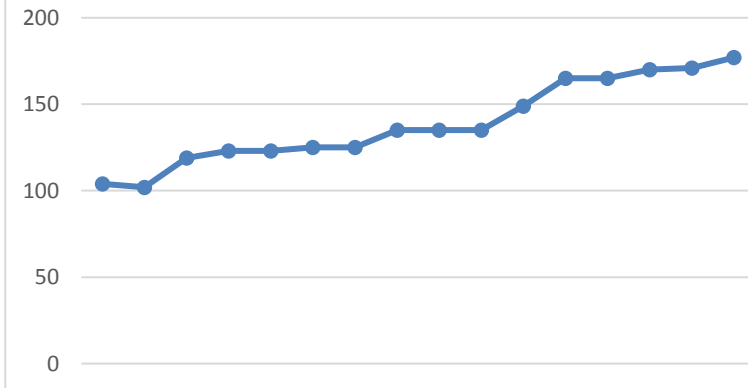


## Tower Health - COVID 19 Report - St. Christopher's Hospital

4/8/2020

### Quarantined/Symptomatic Staff Current State

Physicians	Nursing	APPs	Staff	Total
53	45	8	71	177



### Staff Unavailable (Call-out or Quarantine)

Physicians	Nursing	APPs	Staff	Total
18	32	4	23	77