

During this global pandemic Microsoft released this PowerApp solution that provides a set of capabilities for healthcare organizations to collect data for situational awareness of **available beds** and supplies, **COVID-19 patients**, staffing, and **pending discharges**. Providers are using this PowerApp template to track and gain visibility over critical resources like available beds and **scarce supplies** like **ventilators and masks**. We can quickly work with a client to stand up this Emergency Response PowerApp solution and fine tune it for their specific needs.

Time required

This can be measured in days to stand up the solution.

Typical client involvement

- We will work with the appropriate functional SME's at the client to understand the Emergency Response processes.
- We do not require any technical resources other than to deploy the PowerApp.
- Infrastructure technical SME to provide network access to roll out the PowerApp to internal users.

How the solution fits into the technology ecosystem

Microsoft PowerApps is part of the Microsoft Power Platform. A base license is given to Office 365 customers.

Contact PowerObjects
Healthcare Experts

Emergency Response PowerApp

Contoso Healthcare

Report current: Ballard

- Staff + equipment
- Supplies
- Staffing needs
- COVID-19 stats
- Discharge planning

Contoso

System: All Region: All Facility: Ballard

COVID patients

113
Total COVID patients

67
COVID PUI pending

46
COVID positive

Bed management

15 21 74%

Total available beds Available acute care beds Acute care occupancy %

Acuity	Available beds	Occupancy %
MED SURG	15	71%
TELE	6	79%
Total	21	74%

Staff management

37 69 -32

Total nurses requested Total nurses assigned Nurse variance

Acuity	Requested	Assigned	Variance
TELE	12	43	-31
MED SURG	2	3	-1
ICU	0	0	0
IMCU	0	0	0
Total	14	46	-32

Discharges

259 12

Total long stay patients Anticipated next 24 hours

0 15

Yesterday predictions Yesterday actuals

Equipment

16
Total Vents

68
Vents in use

-52
Vents needed

Supply by days on hand

Supply	Days on hand
Masks w/ Shield (TIE)	36.6
Vent	3.9
Duckbill w/ Shield (REG)	2.8
N-95 (SM)	2.5
Masks w/ Shield (TCHNL)	2.0
Duckbill w/ Shield (SM)	0.8
N-95 (REG)	0.7

www.PowerObjects.com

