Hospital Capacity System

Hospitalcapacity.com
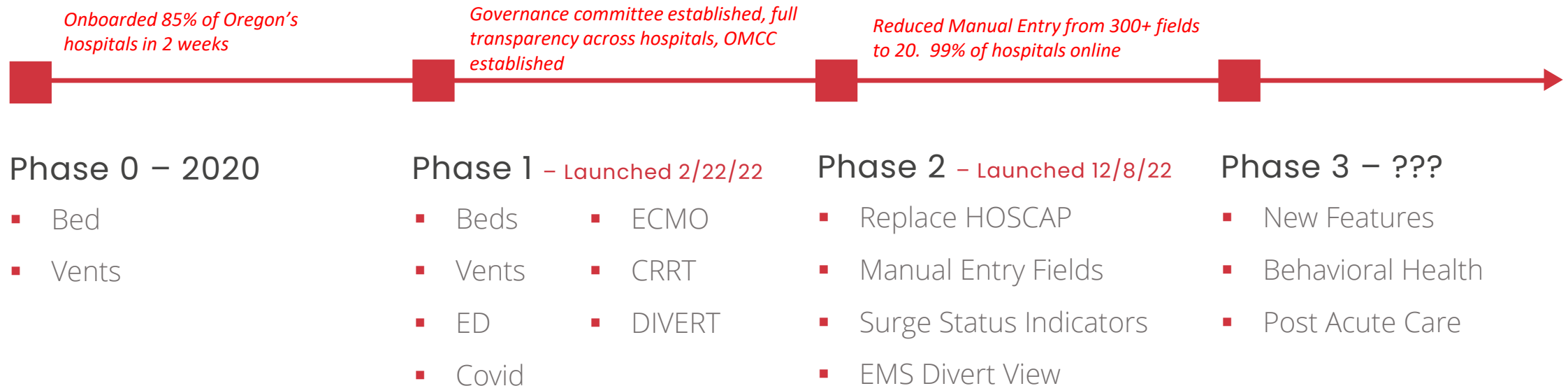
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The Vision

- Not prepared for what was coming in the pandemic

- Rapid response and coordination for public health emergency

- One health system view with actionable data across continuum

- One source of truth to reduce redundance in reporting

- USE CASE: Not 1 but 2 public health emergencies

- Federal funding to support implementation

- Officially launched March 31, 2023

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Project Scope

Develop a statewide capacity and critical resource system that will provide near-time actionable data to support better state-wide coordination and replace the state's current system

Onboarded 85% of Oregon's hospitals in 2 weeks

Governance committee established, full transparency across hospitals, OMCC established

Reduced Manual Entry from 300+ fields to 20. 99% of hospitals online

Phase 0 – 2020

- Bed
- Vents

Phase 1 – Launched 2/22/22

- Beds
- Vents
- ED
- Covid
- ECMO
- CRRT
- DIVERT

Phase 2 – Launched 12/8/22

- Replace HOSCAP
- Manual Entry Fields
- Surge Status Indicators
- EMS Divert View

Phase 3 – ???

- New Features
- Behavioral Health
- Post Acute Care

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Total Census   108   Total Queue   5

Sub Acute

Census   In Bay   PIA Wait   Qbc
36   24   1   100%

CTAS
1   2   3   5
0   31   5.

H201787631

Oregon Hospital
Capacity System

Real-Time Data for
Critical Decision Making

https://oregoncapacity.com

	BEDS	ADULT			PEDS			SPECIALTY	SURGE		BED ATTRIBUT
Census Capacity		TOTAL	ICU	NON-ICU	TOTAL	ICU	NON-ICU	TOTAL	TOTAL ACTIVE	ICU ACTIVE	NP
Total	5912 80%	4748 83%	567 77%	4181 84%	199 63%	35 73%	164 61%	965 68%	62 5%	8 11%	564 75%
C: Multnomah ⌄	1666 83%	1163 87%	157 88%	1006 87%	155 66%	33 75%	122 64%	348 80%	9 3%	- 0%	106 74%
OHSU OHSU HEALTH	462 90%	386 92%	74 93%	312 92%	- 0%	- 0%	- 0%	76 82%	9 4%	- 0%	22 61%
OPH PROVIDENCE P... PROVIDENCE	345 79%	271 80%	20 69%	251 81%	- 0%	- 0%	- 0%	74 78%	0 0%	- 0%	13 81%
LEGACY EMANUEL ... LEGACY HEALTH	196 93%	196 9_%	35 97%	161 99%	- 0%	- 0%	- 0%	0 0%	- 0%	- 0%	24 100%
OHSU ADVENTIST P... OHSU HEALTH	135 70%	130 70%	7 70%	123 70%	- 0%	- 0%	- 0%	5 63%	0 0%	- 0%	15 83%
RANDALL CHILDREN... LEGACY HEALTH	125 66%	- 0%	-	-	75 6_%	18	57	50 62%	- 0%	- 0%	9 82%
LEGACY GOOD SAM... LEGACY HEALTH	138 103%	104 _3%	14 100%	90 92%	- 0%	- 0%	- 0%	34 155%	- 0%	- 0%	14 100%
UNITY CENTER FOR ... LEGACY HEALTH	102 95%	- 0%	- 0%	- 0%	-	-	-	02	- 0%	- 0%	1 100%
OHSU DCH OHSU HEALTH	73 74%	- 0%	- 0%	- 0%	73 74%	15 75%	58 74%	0 0%	0 0%	- 0%	5 71%
LEGACY MOUNT HO... LEGACY HEALTH	83 86%	76 96%	7 70%	69 100%	- 0%	- 0%	- 0%	7 39%	- 0%	- 0%	3 50%
SHRINER'S PORTLA... SHRINER'S CHILDRENS	7 24%	- 0%	- 0%	- 0%	7 24%	- 0%	7 24%	- 0%	- 0%	- 0%	
C: Clark 〉	598 80%	527 80%	65 66%	462 83%	0 0%	- 0%	0 0%	71 83%	1 4%	- 0%	46 84%
C: Washington 〉	634 85%	464 89%	52 74%	412 91%	11 79%	2 50%	9 90%	159 77%	14 33%	0 0%	109 75%
C: Marion 〉	523 85%	442 92%	50 89%	392 93%	4 40%	- 0%	4 40%	77 62%	8 3%	8 47%	31 74%
C: Lane 〉	448 76%	411 77%	49 88%	362 76%	9 50%	- 0%	9 50%	28 80%	7 10%	- 0%	23 82%
C: Clackamas 〉	486 88%	408 94%	41 80%	367 96%	- 0%	- 0%	- 0%	78 67%	5 22%	0 0%	34

Real time data for critical decision making

Early Feedback and Success

- To date, we have OCS has helped to drop patient transfer times from 20 hours to under 6 hours for adult patients

- *"Having eyes on all hospitals bed information is really helpful and helps us coordinate care for our patients"*

- *"It's a great way to quickly see where beds are available across the state when needing to arrange for transfers."*

- *"It has greatly reduced the radio traffic for our 911 operators , more time for 911 calls"*

Time to Accept: Adult Patients

Goal for Critical Care was 6 hours

Hours — November BASELINE, December, January, February, March, April

Critical Care — Acute Care

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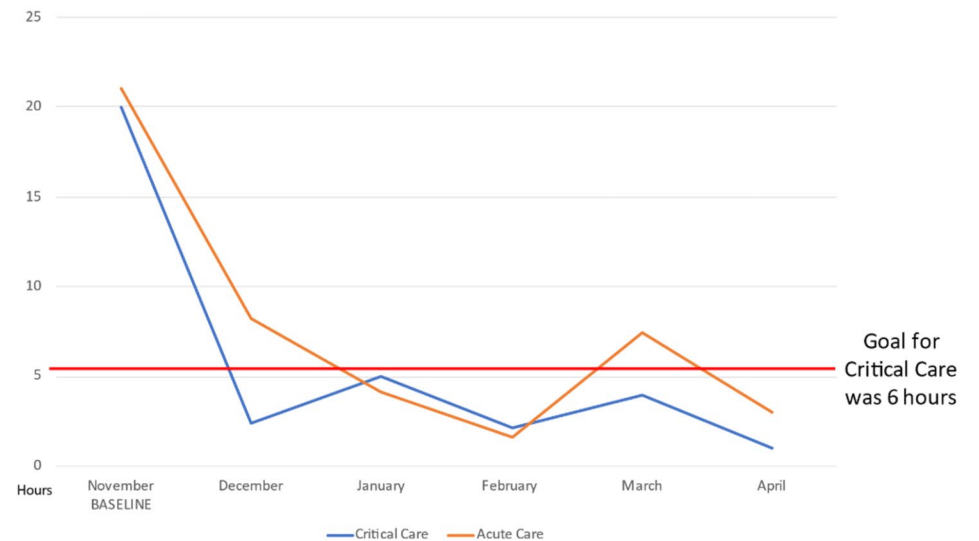
Oregon's Governance Committee

Region 1
- OHSU Hospital
- Legacy Hospital
- Providence
- EMS Representation

Region 2
- Salem Health Hospital
- Samaritan Health Srvc.

Region 3
- PeaceHealth Sacred Heart Medical Center

Region 5
- Asante Rogue Regional

Region 6
- Mid Columbia Medical Center

Region 7
- St. Charles Medical Center

Region 9
- Grande Ronde Hospital
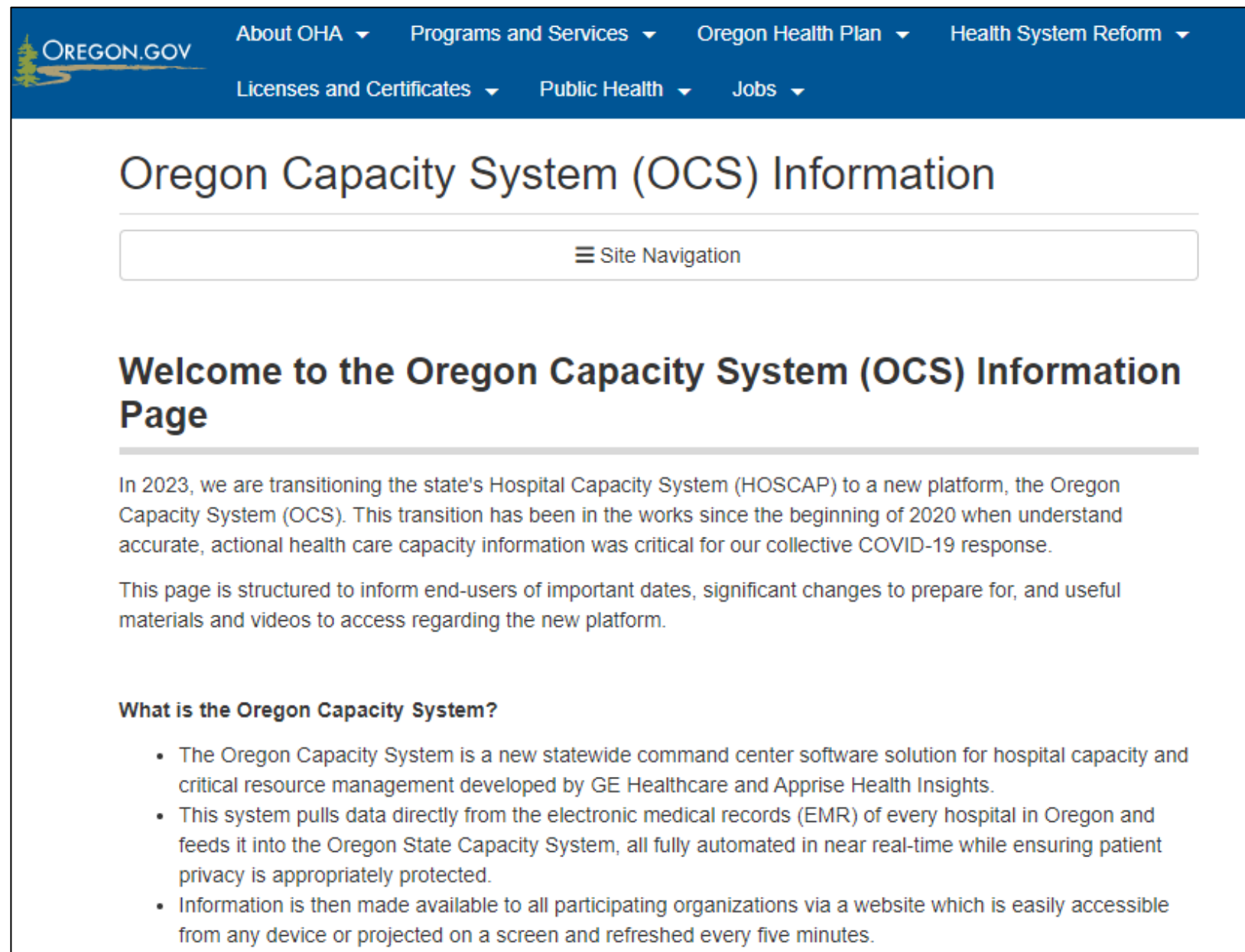
EMS
- Mercy Flights
- Multnomah County
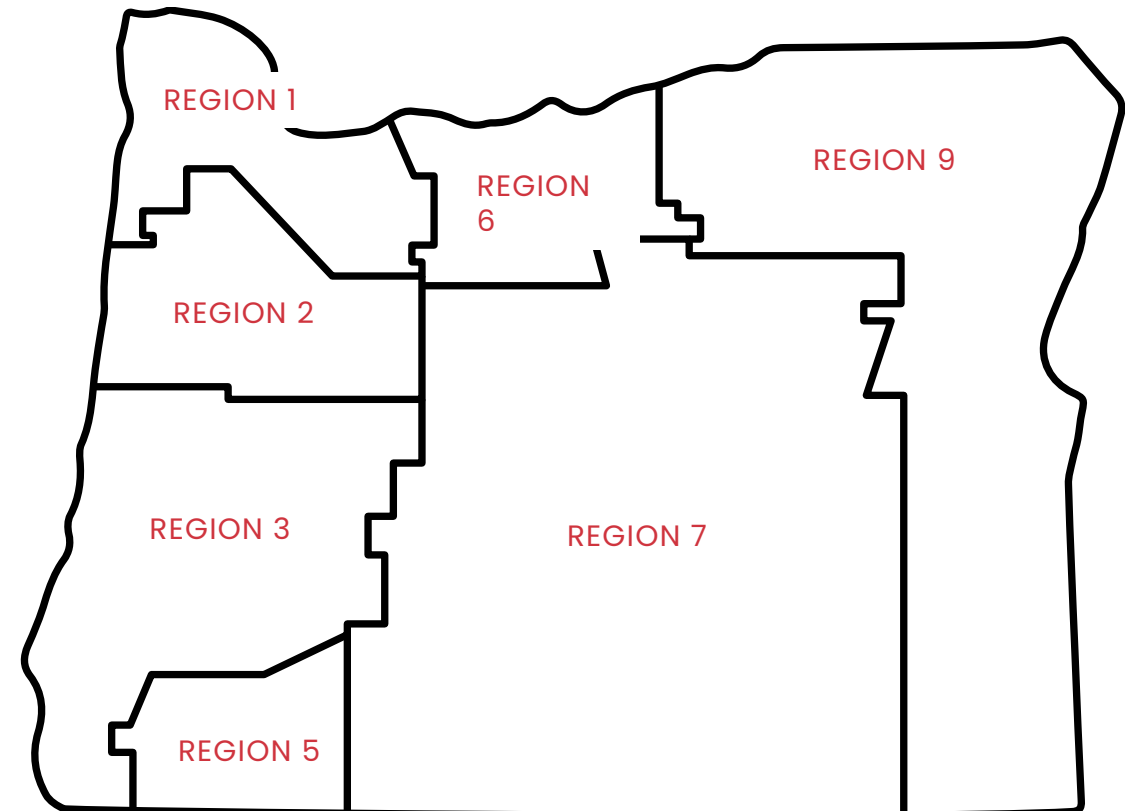
Oregon Health Authority is an advisory to this group, not a voting member.

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Health Security, Preparedness and Response Program

- Training, outreach, integration with ESF-8 response

- Reporting and participation by hospitals is voluntary

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Licenses and Certificates ▼   Public Health ▼   Jobs ▼

Oregon Capacity System (OCS) Information

☰ Site Navigation

Welcome to the Oregon Capacity System (OCS) Information Page

In 2023, we are transitioning the state's Hospital Capacity System (HOSCAP) to a new platform, the Oregon Capacity System (OCS). This transition has been in the works since the beginning of 2020 when understand accurate, actional health care capacity information was critical for our collective COVID-19 response.

This page is structured to inform end-users of important dates, significant changes to prepare for, and useful materials and videos to access regarding the new platform.

What is the Oregon Capacity System?

- The Oregon Capacity System is a new statewide command center software solution for hospital capacity and critical resource management developed by GE Healthcare and Apprise Health Insights.
- This system pulls data directly from the electronic medical records (EMR) of every hospital in Oregon and feeds it into the Oregon State Capacity System, all fully automated in near real-time while ensuring patient privacy is appropriately protected.
- Information is then made available to all participating organizations via a website which is easily accessible from any device or projected on a screen and refreshed every five minutes.

Oregon is Expanding

- Oregon Health Authority awarded additional federal funds to lead expansion

- Hawaii will be adopting Oregon's model with the capacity system

- Up to 6 states will be part of a federal pilot program aligning to Oregon's successes and learnings

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Questions

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