



Oregon Behavioral Health Coordination Center

January 6, 2025

DISCLOSURE

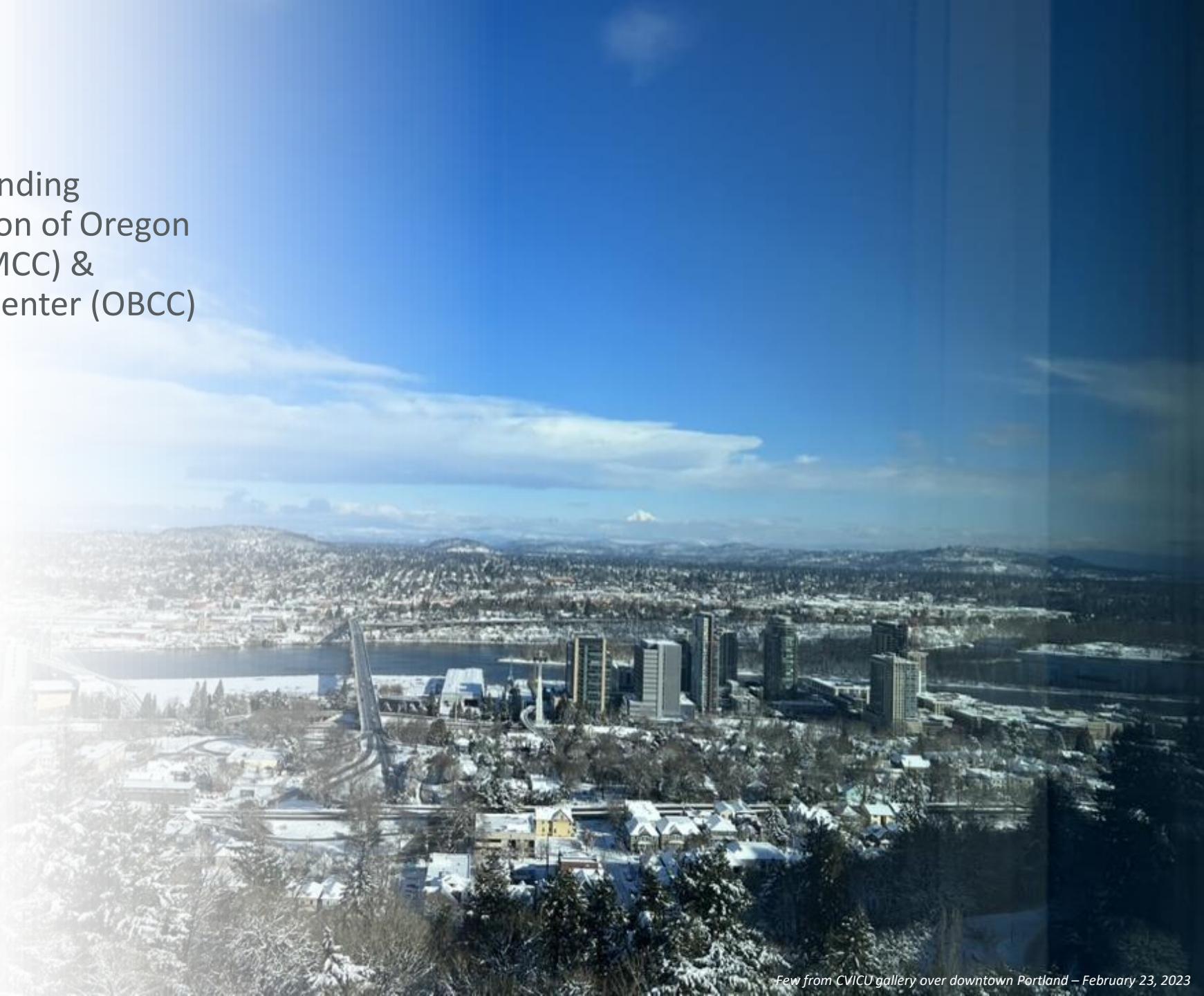
- OHSU received state & federal funding for the development and operation of Oregon Medical Coordination Center (OMCC) & Behavioral Health Coordination Center (OBCC)



[OHSU Mission Control](#) |
[OHSU News](#)

[OMCC | Oregon Medical Coordination Center](#)
(ohsu.edu)

[OBCC | Oregon Behavioral Health Coordination Center](#)
(ohsu.edu)



OHSU Mission Control – Serving OHSU, the Portland Metro Area & the State

OHSU Health

- Transfer Center
- Inpatient Capacity Management

Regional

- Level 1 trauma center coordination with LEH
- Regional Resource Hospital as part of emergency preparedness work & any type of regional hospital coordination work
- Medical Response Hospital for EMS (via OHSU EM)
- MCI activation and management

State

- Oregon Medical Coordination Center OMCC
- Regional Resource Collaboration in partnership with OHA
- Oregon Behavioral Health Coordination Center OBCC (in progress)

What is OBCC and Why are we building it?



Behavioral Health Facilities Providing Beds

<u>Psychiatric Acute Care Facilities</u>
State Psychiatric Hospital
Acute Care Psychiatric Unit in a Hospital
Acute Care Psychiatric Facility (Freestanding)

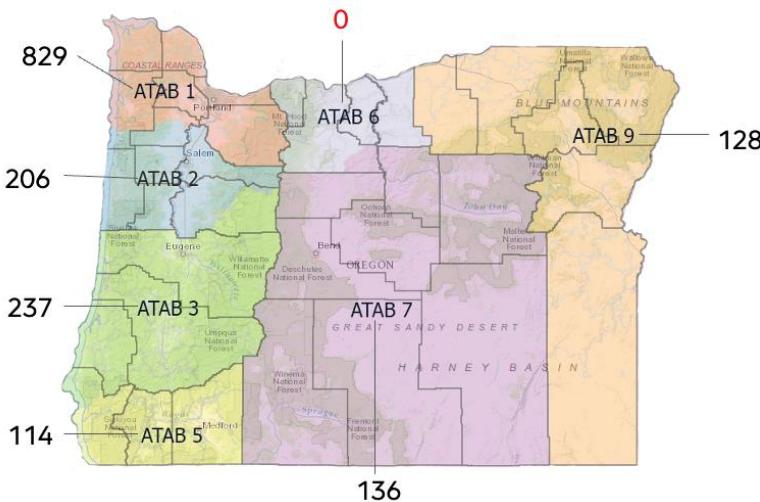
<u>Residential Treatment Facilities</u>
Class 1 Secure Residential Treatment Facilities (SRTF)
Class 2 Secure Residential Treatment Facilities (SRTF)
Residential Treatment Facilities (RTF)

<u>Substance Use Disorder Residential Treatment</u>
SUD Withdrawal Management-Medical
SUD Withdrawal Management-Clinical

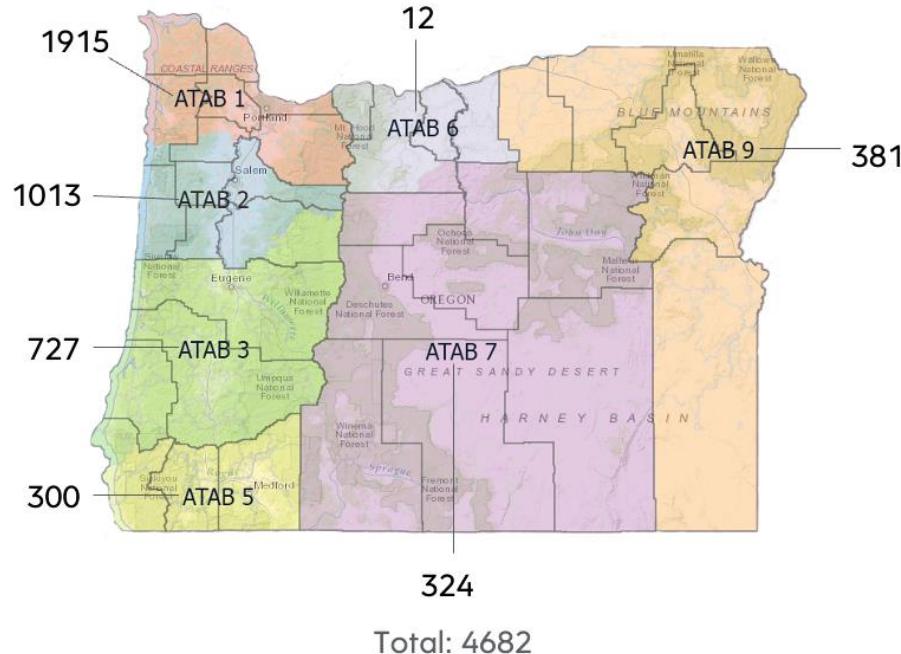
<u>Residential Treatment Homes & Adult Foster Care</u>
Residential Treatment Homes (RTH)
Adult Foster Care

Distribution of Behavioral Health Beds

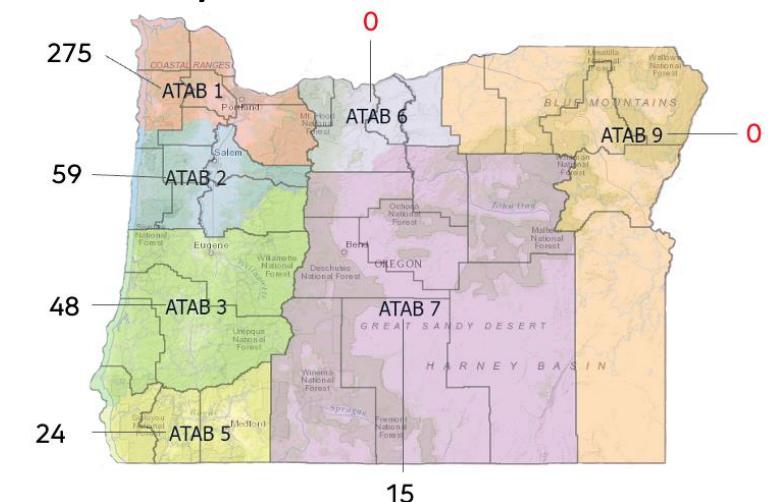
Residential SUD



All Behavioral Health Beds



Psychiatric Acute Care

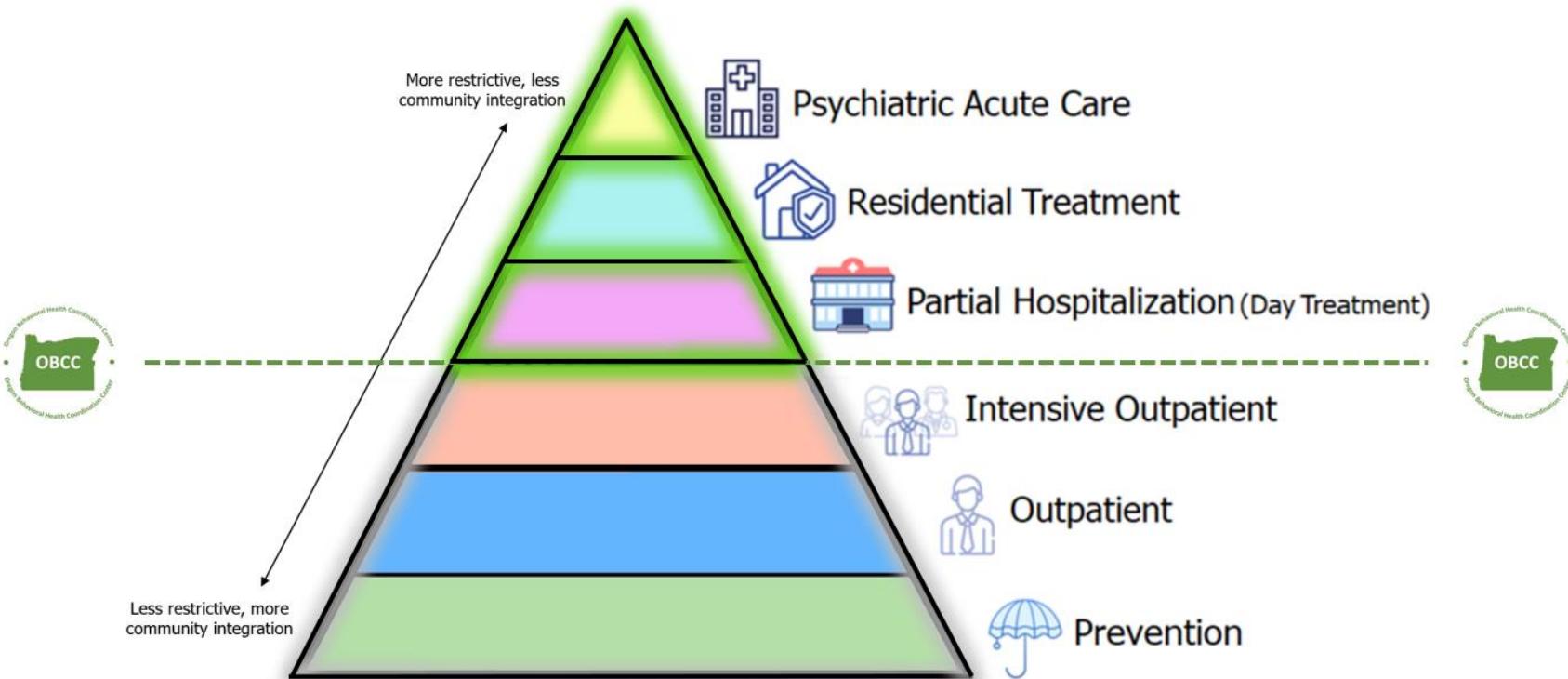


State of the State

- ▶ Lack of transparency and awareness
- ▶ Less-than-ideal coordination/efficiency for placement of behavioral health patients
- ▶ Lack of real time visibility of current state and unmet demand
- ▶ Prolonged ED boarding for BH patients
- ▶ Limited admission capability into BH facility due to lack of forward flow
- ▶ Anecdotal facility and provider reporting burden



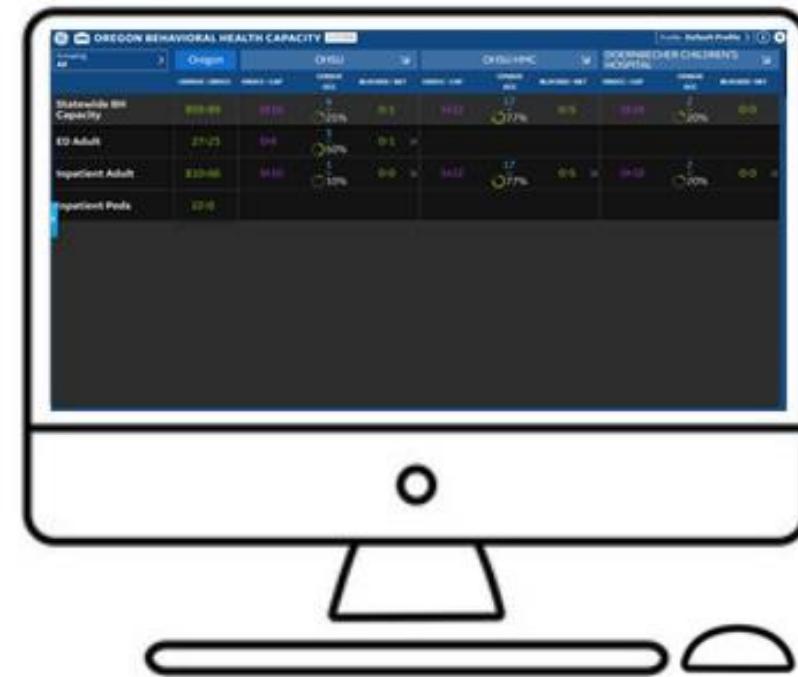
Scope



People, Process, & Technology

1

Real-time Data



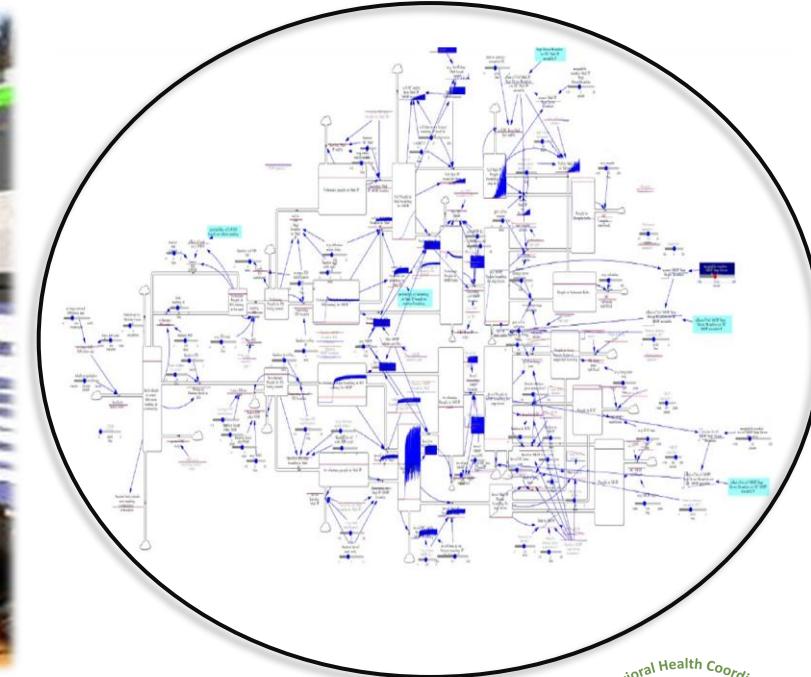
2

A Staffed Coordination Center



3

Simulation and Modeling



A Real-Time Capacity Display System

Participating facilities implement a GE driven virtual program that connects to their existing electronic medical record (EMR)

Facilities may also manually input capacity data so that bed availability is displayed in the system

Each location can view bed availability of all other contributing sites

Each location can view patient movement within their own facility, such as patient information, current location, targeted facility, and any relevant notes



Capacity Tile

OREGON BEHAVIORAL HEALTH CAPACITY STATE

Profile Default Profile > (i)

Grouping	All	Oregon	Albertina Kerr	OHSU	Trillium						
		CENSUS UNOCC	UNOCC CAP	CENSUS OCC	BLOCKED NET	UNOCC CAP	CENSUS OCC	BLOCKED NET	UNOCC CAP	CENSUS OCC	BLOCKED NET
Total BH Capacity		1159 115	0 12	12	0 0	11 35	16	0 11	17 102	85	7 21
ED Adult		46 20				0 1	1	0 0			
Inpatient Adult		113 23				11 32	13	0 11			
Observation Adult		1 0									
Residential Adult		714 53							1 4	3	0 1
SUD Adult		169 0									
ED Peds		1 0				0 1	1	0 0			
Inpatient Peds		32 3	0 12	12	0 0	0 1	1	0 0			



Where are we today?

Live

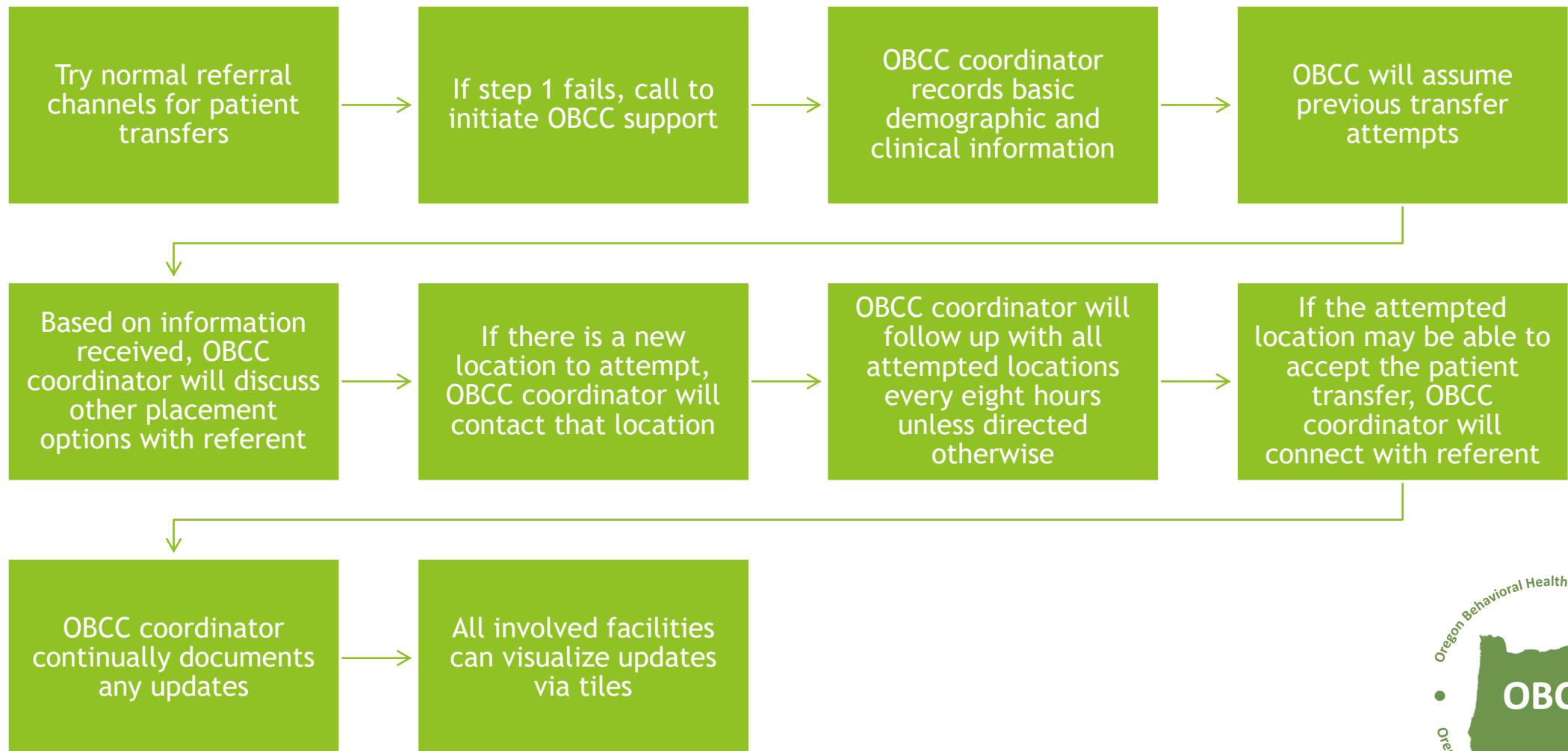
- OBCS Tile (real time data)
 - OHSU
 - Legacy - Unity
 - PeaceHealth
 - Kaiser
 - Salem
 - Oregon State Hospital
 - Trillium
 - LifeWorks NW
 - Fora Health
 - Albertina Kerr
- Coordination Center
 - Software (verifying capabilities via survey & phone calls)
 - Staff M-F 7:30A-5:30P
- BH Statewide simulation model (beta version)

In progress

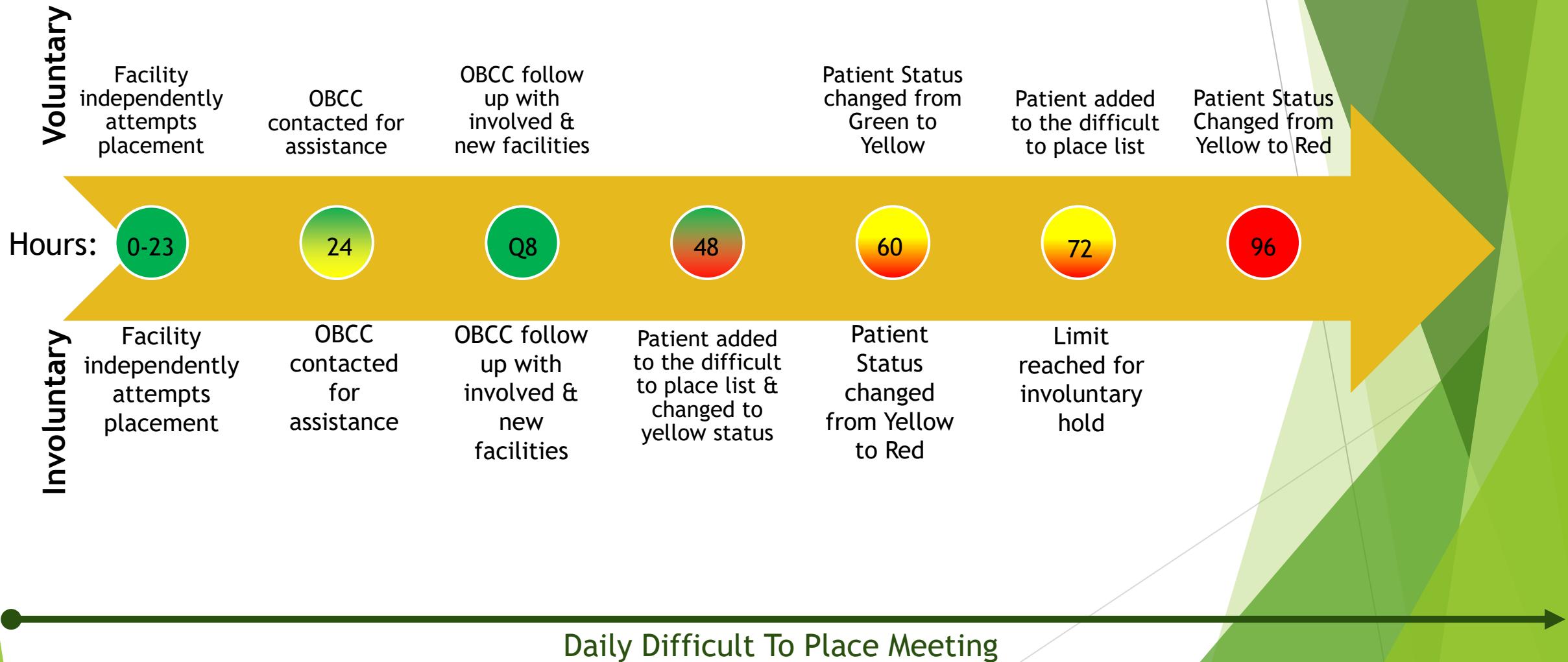
- **Central City Concern (70%)**
Extract is ready but needs test patients to send a sample
- **St. Charles (85%)**
Extract is ready to test but cannot be sent until the MOU is signed
- **Recovery Works NW (50%), Coda Health (60%), Volunteers of America (70%)**
Report writing has begun
- **Providence, Asante, Cedar Hills**
MOU signed, awaiting data extract prioritization, IT resources
- **Samaritan Health**
reviewing MOU and data specs
- **SUD facilities**
 - Manual entry option through OBCC software
 - Contract with county following opioid emergency taskforce request



A Staffed Coordination Center



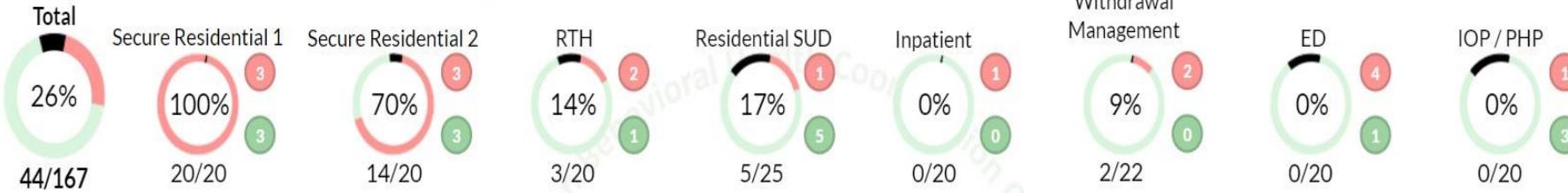
Behavioral Health Patient Transfer Timeline



Manual Entry Module

- Utilized to collect capacity data from SUD facilities without an EMR
- PTC's will complete daily phone calls to receive reports on capacity
- HighMor will house the module and communicate data to be presented on OBCS GE Tiles

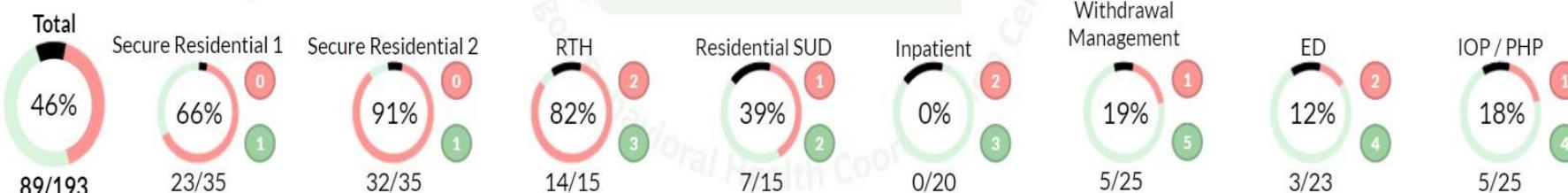
Fora Health Treatment & Recovery



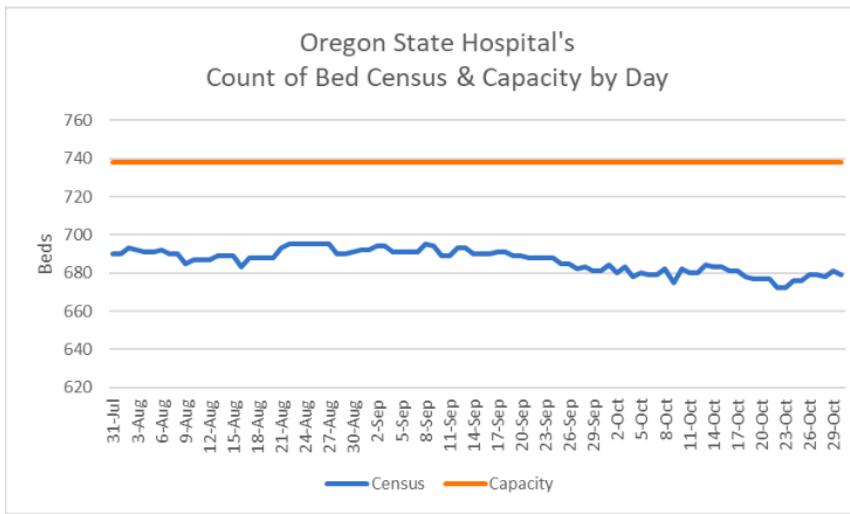
Gresham Recovery Center - Men's Residential



Gresham Recovery Center Women's Program



The following example provides a 3-month temporal analysis of Oregon State Hospital's capacity and census data from July 31 to October 30. This dataset can support a variety of data visualizations depending on the analytical goals.



OBCC Data Reporting Capabilities

A limited 3-month dataset showcasing bed capacity and census figures for each participating facility, organized by patient class.

DateTime	PatientType	PatientClass_PatientType	FacilityName	UnoccupiedBeds	Capacity	Census	OccupancyPercentage
7/31/2024 0:00	Adult	Overall	Legacy	46	132	86	65
7/31/2024 0:00	Adult	Inpatient Adult	Legacy	19	85	66	77
7/31/2024 0:00	Adult	ED Adult	Legacy	27	47	20	42
7/31/2024 0:00	MacroGroupAll	Overall	Legacy	46	154	108	70
7/31/2024 0:00	Peds	Overall	Legacy	0	22	22	100
7/31/2024 0:00	Peds	Inpatient Peds	Legacy	0	22	22	100
7/31/2024 0:00	Adult	Overall	Kaiser	0	7	7	100
7/31/2024 0:00	Adult	Overall	Salem	9	24	15	62
7/31/2024 0:00	Adult	Overall	OSH	48	738	690	93
7/31/2024 0:00	Adult	Overall	Trillium	0	4	4	100
7/31/2024 0:00	Adult	Overall	OHSU	6	33	19	57
7/31/2024 0:00	Adult	Overall	PeaceHealth	20	20	0	0
7/31/2024 0:00	Adult	Residential Adult	OSH	48	738	690	93
7/31/2024 0:00	Adult	Residential Adult	Trillium	0	4	4	100
7/31/2024 0:00	Adult	Inpatient Adult	PeaceHealth	20	20	0	0
7/31/2024 0:00	Adult	Inpatient Adult	Kaiser	0	2	2	100
7/31/2024 0:00	Adult	Inpatient Adult	Salem	9	24	15	62
7/31/2024 0:00	Adult	Inpatient Adult	OHSU	6	32	18	56
7/31/2024 0:00	ED Adult	ED Adult	OHSU	0	1	1	100
7/31/2024 0:00	ED Adult	ED Adult	Kaiser	0	5	5	100

Our Partners



Operates out of Oregon Health & Sciences University



Collaborates with the Oregon Health Authority (OHA)



Partners with hospitals, private facilities, and community health systems

Staff



Daily Oversight & Operations

- ▶ Mackie Donaldson, Administrative Coordinator
- ▶ Courtney Furr, RN Manager
- ▶ Charley Larsen, Co-Founder & CNO, Blackbox Healthcare Solutions (Consultant)
- ▶ Alex Nielsen, Simulation Modeling Engineer
- ▶ Patient Transfer Coordinators

Strategic Leadership & Oversight

- ▶ Stephanie Gilliam, Nursing Director, OHSU Mission Control
- ▶ Dr. Matthias Merkel, Sr. Associate CMO, OHSU
- ▶ Andrea Hughes, DNP, OBCC Medical Director

Nursery



INFECTIOUS: COVID-19

PATIENT LOAD

UNIT

LOC

CURRENT PATIENTS:

IN TEST NEG(PUI)

CV19+

TEST NEG 67

CV19 6

Critical Care + 100 Beds

13A

Adult Acu..

0

4

13K

Adult Acu..

0

1

14A

Adult Acu..

1

5

14C

Adult Acu..

4

7

14K

Adult Acu..

1

4

5A

Adult Acu..

1

4



Thank You

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MY PATIENT COUNT