Transforming Rural Healthcare through TeleICU and Partnerships

Dartmouth Health

NCH north country healthcare

USDA Economic Research Service
U.S. DEPARTMENT OF AGRICULTURE

146 rural hospitals closed or stopped providing inpatient services from 2005 to 2023 in the United States

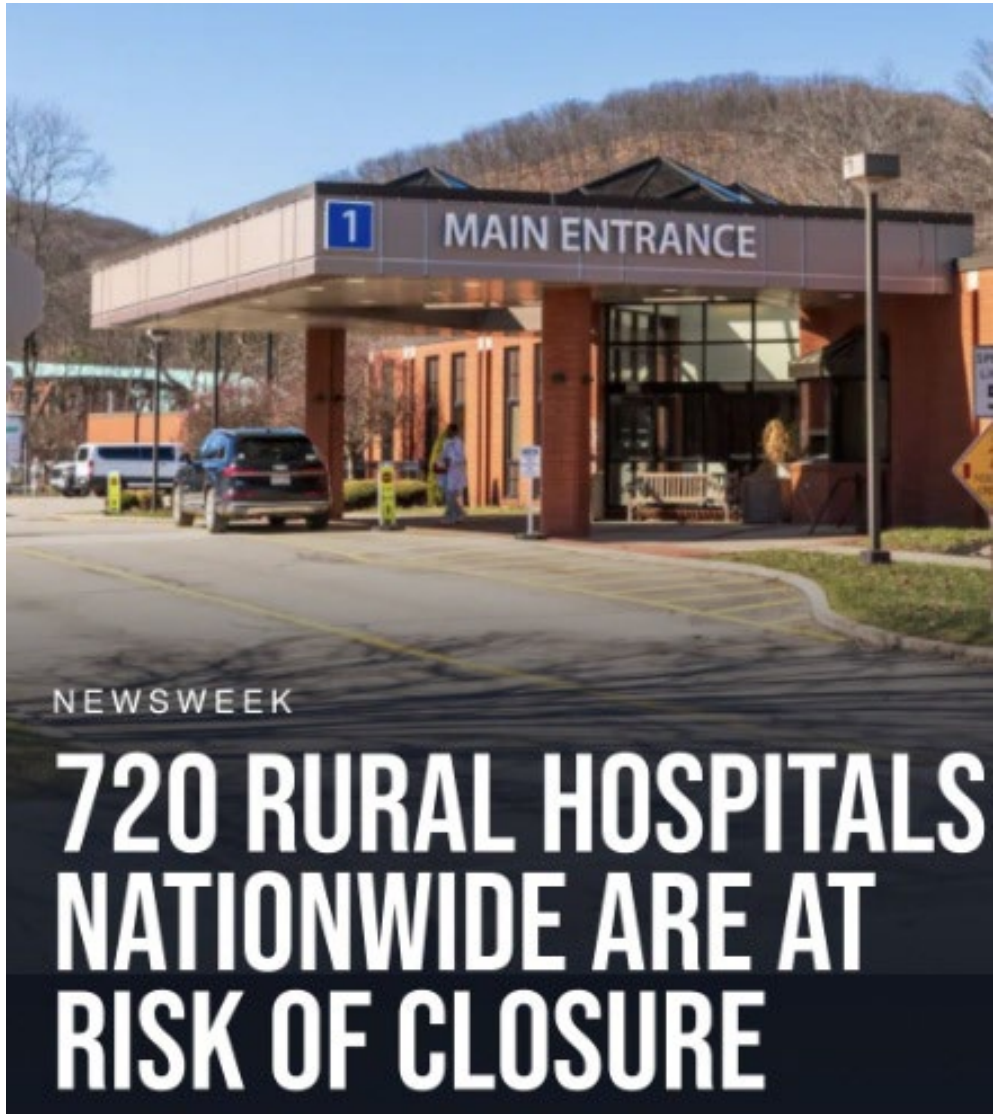
by Anil Rupasingha and Julia Cho
2/18/2025

CENTER FOR HEALTHCARE QUALITY & PAYMENT REFORM

RURAL HOSPITALS AT RISK OF CLOSING

RURAL HOSPITALS AT RISK OF CLOSING — May 2026

State	Hospital Closures Since 2015	Inpatient Service Closures (REH)[2]	Open Rural Inpatient Hospitals	Hospitals With Losses on Services[1]		Hospitals at Risk of Closing		Hospitals at Immediate Risk	
				Number	Percent	Number	Percent	Number	Percent
New York	3	3	51	25	49%	24	47%	15	29%



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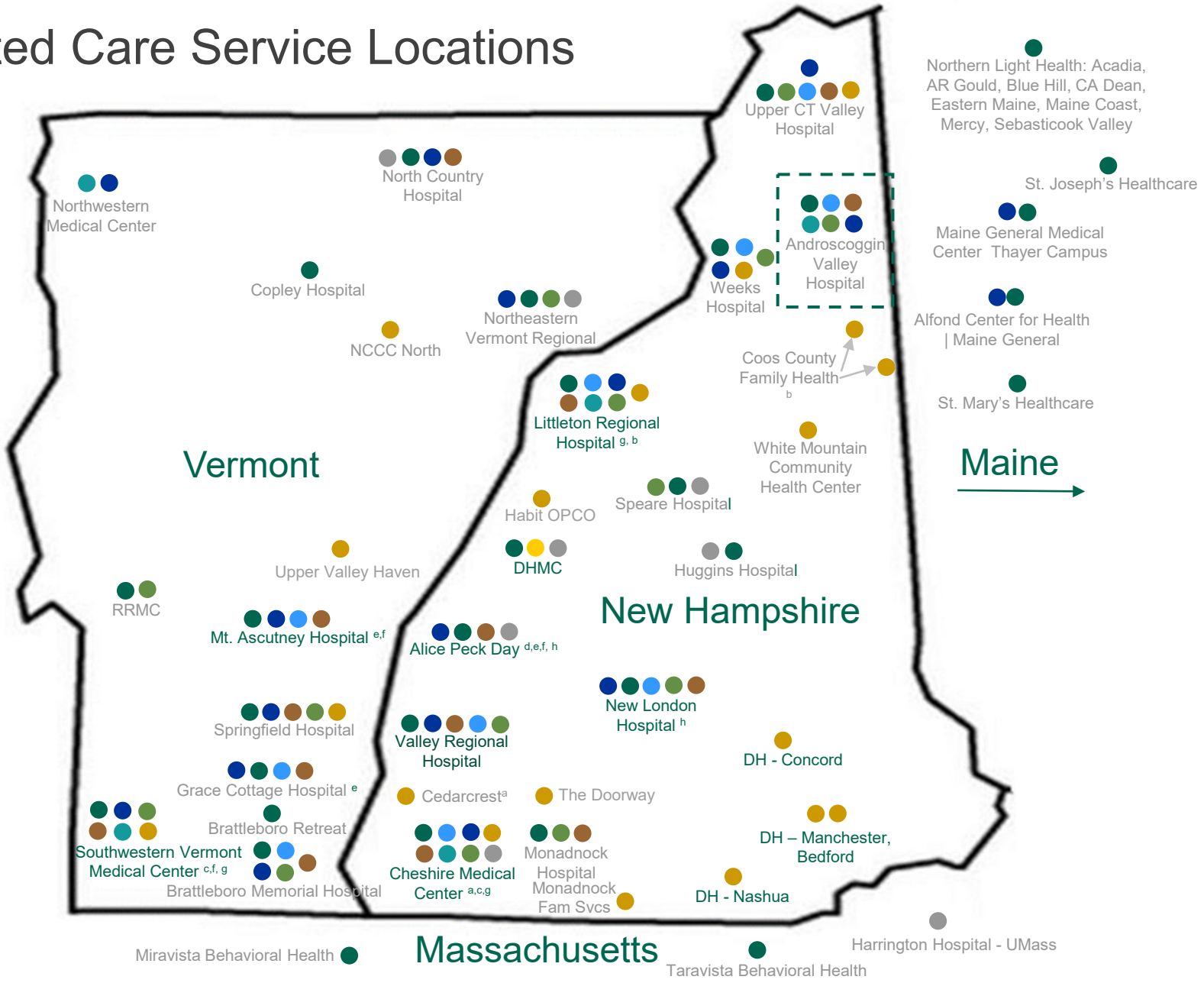
Connected Care Service Locations

Service	Sites	Key
TelePharmacy	44	
TeleMed Rec	8	
TeleEmergency	10	
TeleNeurology/Stroke	18	
TeleICU	5	
TelePsychiatry	15	
Telemedicine Clinics	19	
TeleICN	15	
Central Monitoring	1	
TeleNephrology (i)	2	c
TeleEEG	3	g
TelePedi (i)	2	a
TeleMFM (i)	2	b
TeleID (i)	1	d
TeleOPAT (i)	3	e
TeleWound Care (i)	3	f
TeleSNF/ALF/Rehab	30	NS
TeleDerm	2	h



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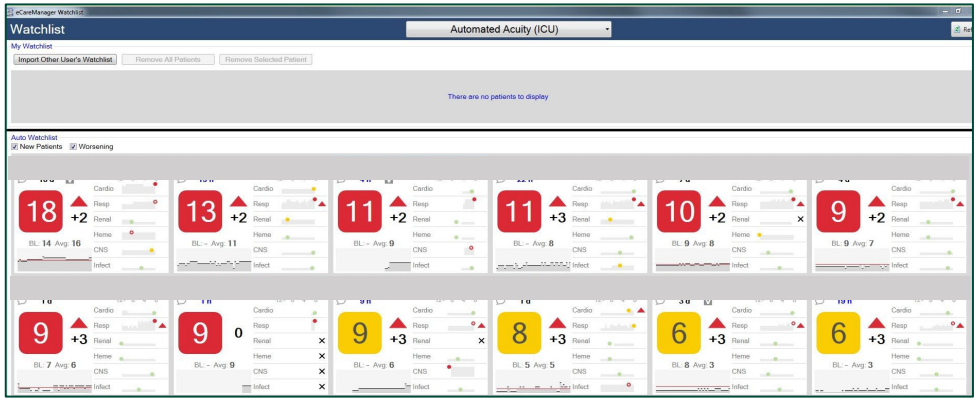

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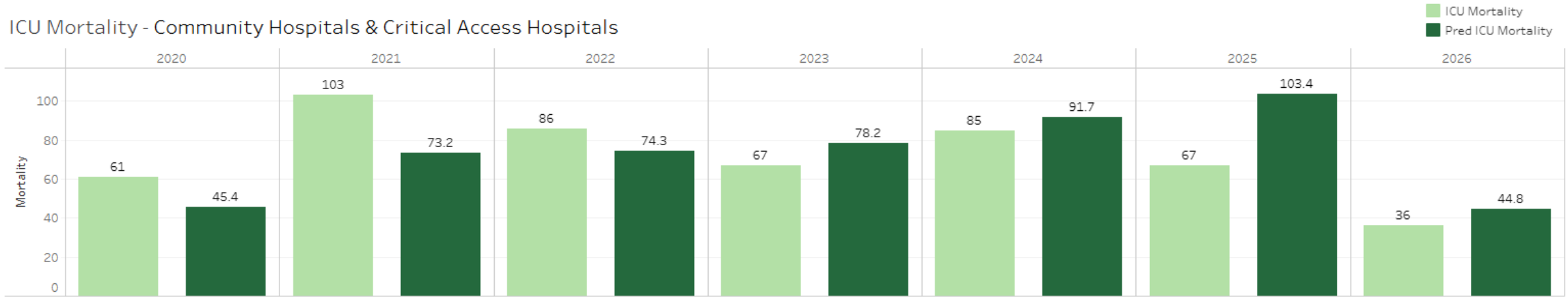
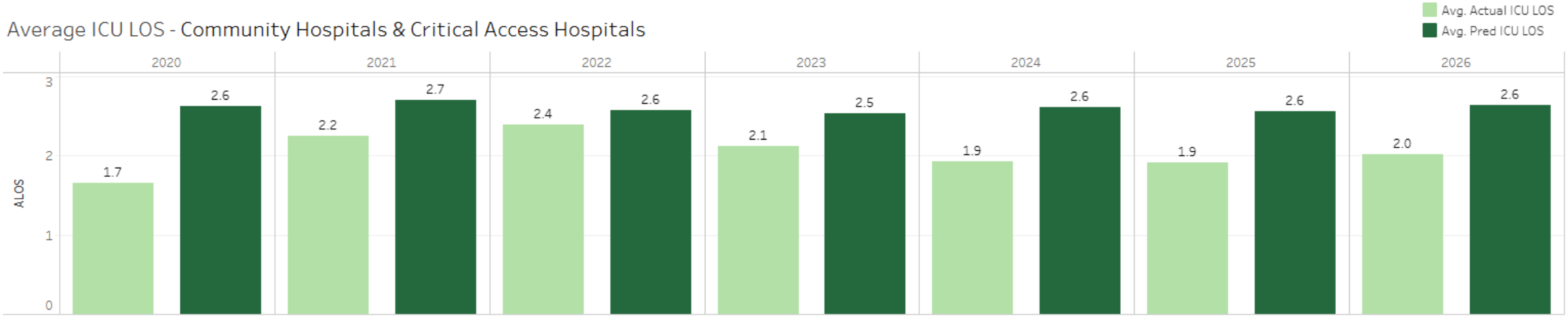
ICU Mortality - Community Hospitals & Critical Access Hospitals



Actual Mortality - Patients expired in the ICU

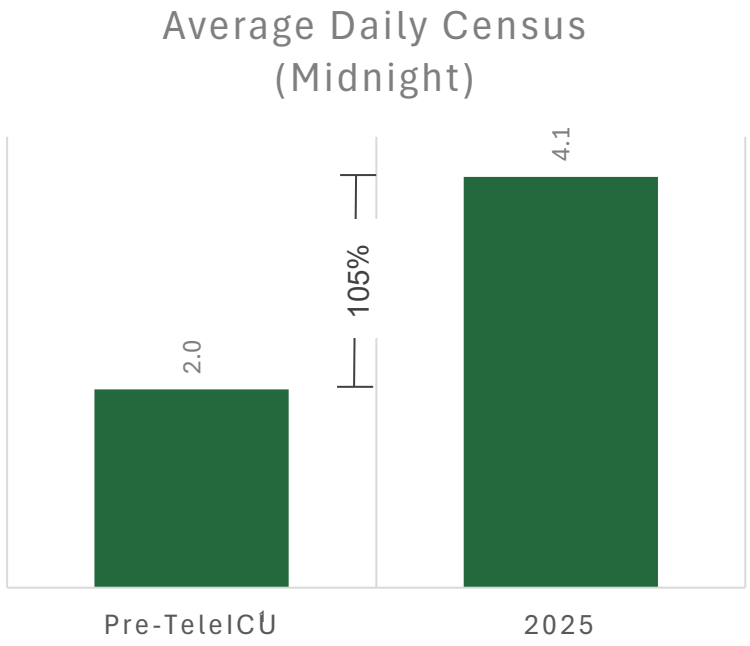
Patient's predicted risk of death while in the ICU that was generated from the APACHE algorithm using APACHE IVb version.

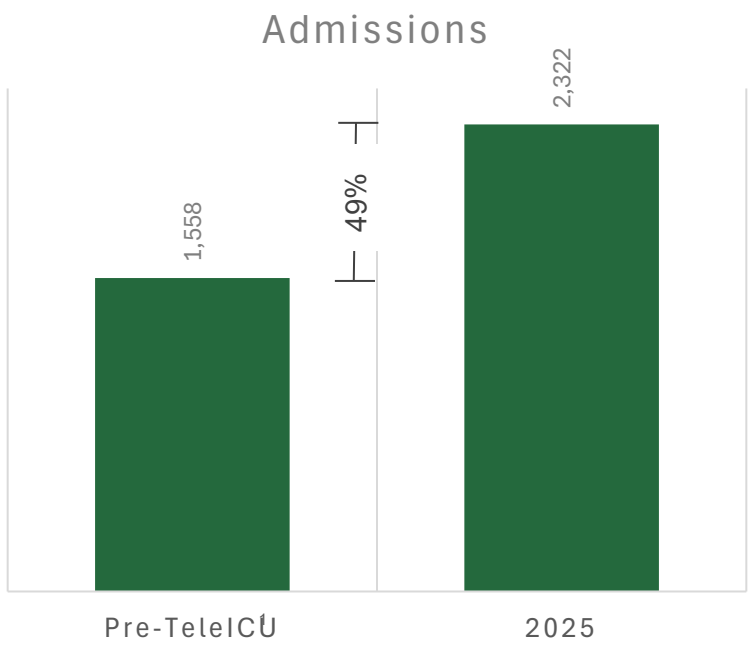
Average ICU LOS - Community Hospitals & Critical Access Hospitals

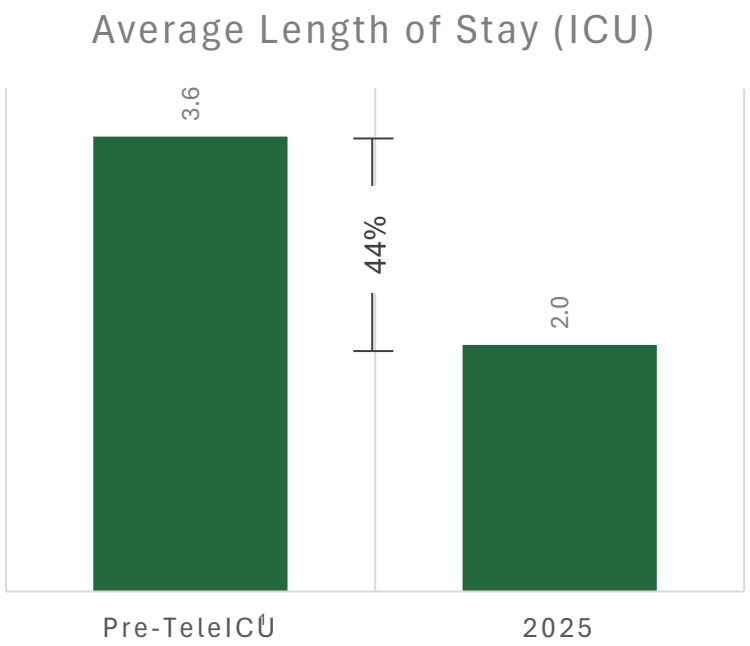


Average ICU length of stay, in minutes, based on the ICU discharge date / time minus the ICU admission date / time.

Comparison of Pre-TeleICU to 2025
Community and CAHs







[1] Data combined among hospitals for the year prior to their initiation of the DH TeleICU Program

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