



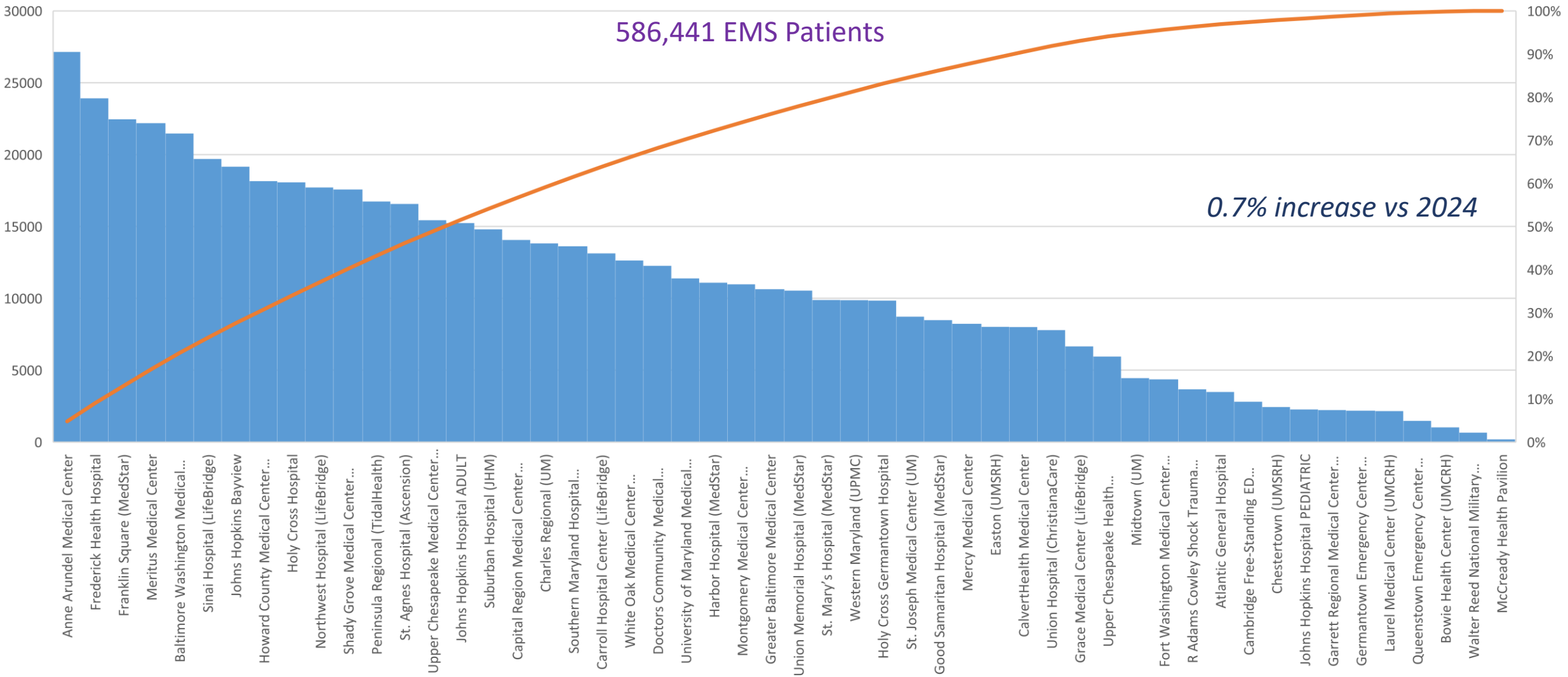
**Maryland Institute *for*  
Emergency Medical Services Systems**

# EMS Board & SEMSAC

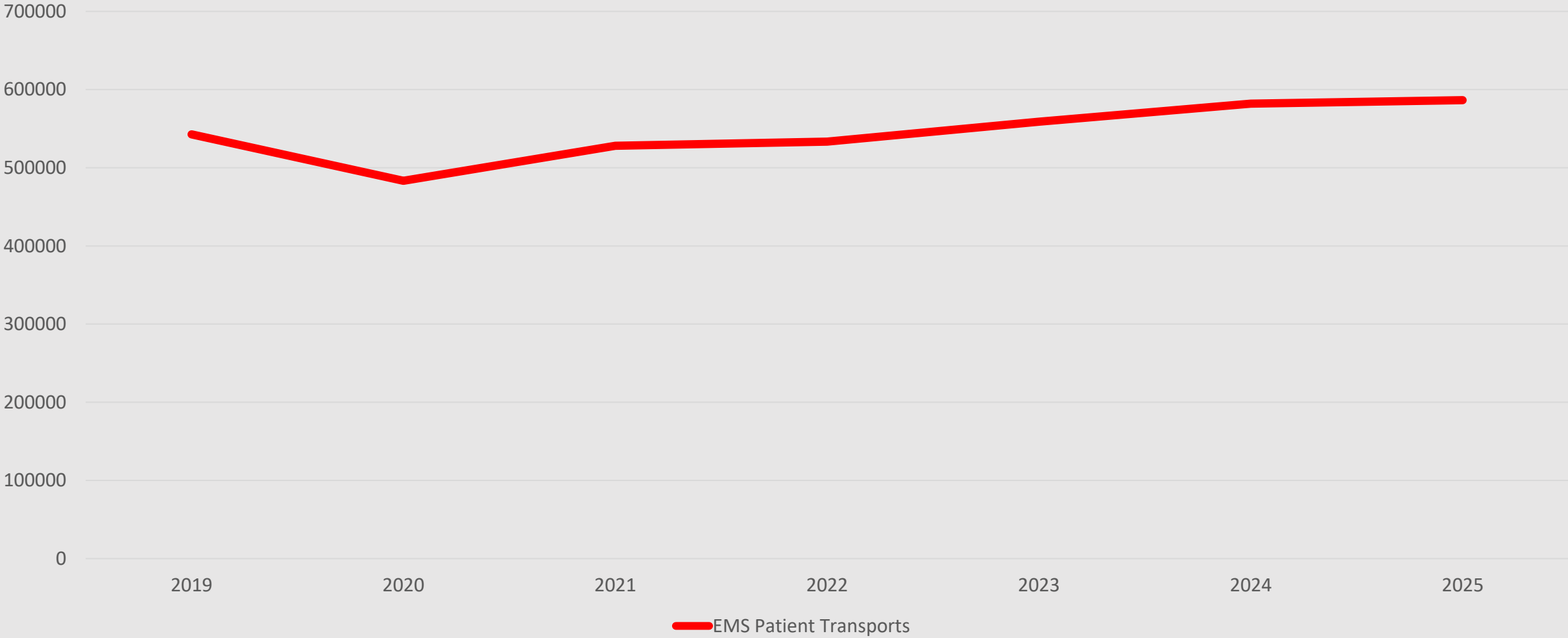
Theodore Delbridge, MD, MPH

Executive Director

# Maryland EMS-Receiving Emergency Departments YTD 2025



# EMS Patient Transports per Year



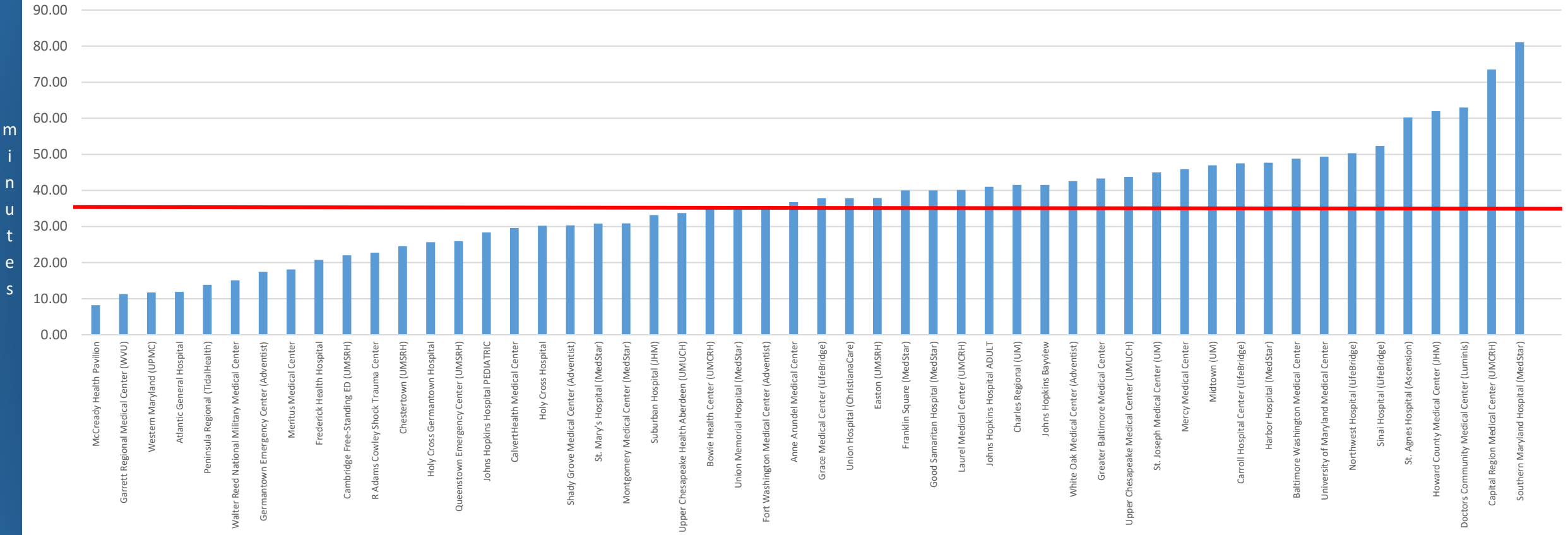
## 2025 Commercial Ambulance Service Transports

BLS	228,068	81.9 %
ALS	36,088	13.0 %
SCT (Nurse)	11,488	4.1 %
SCT (Paramedic)	2,649	1.0 %

Total Transports 278,293



90th Percentile EMS:ED Transfer Interval vs Hospital

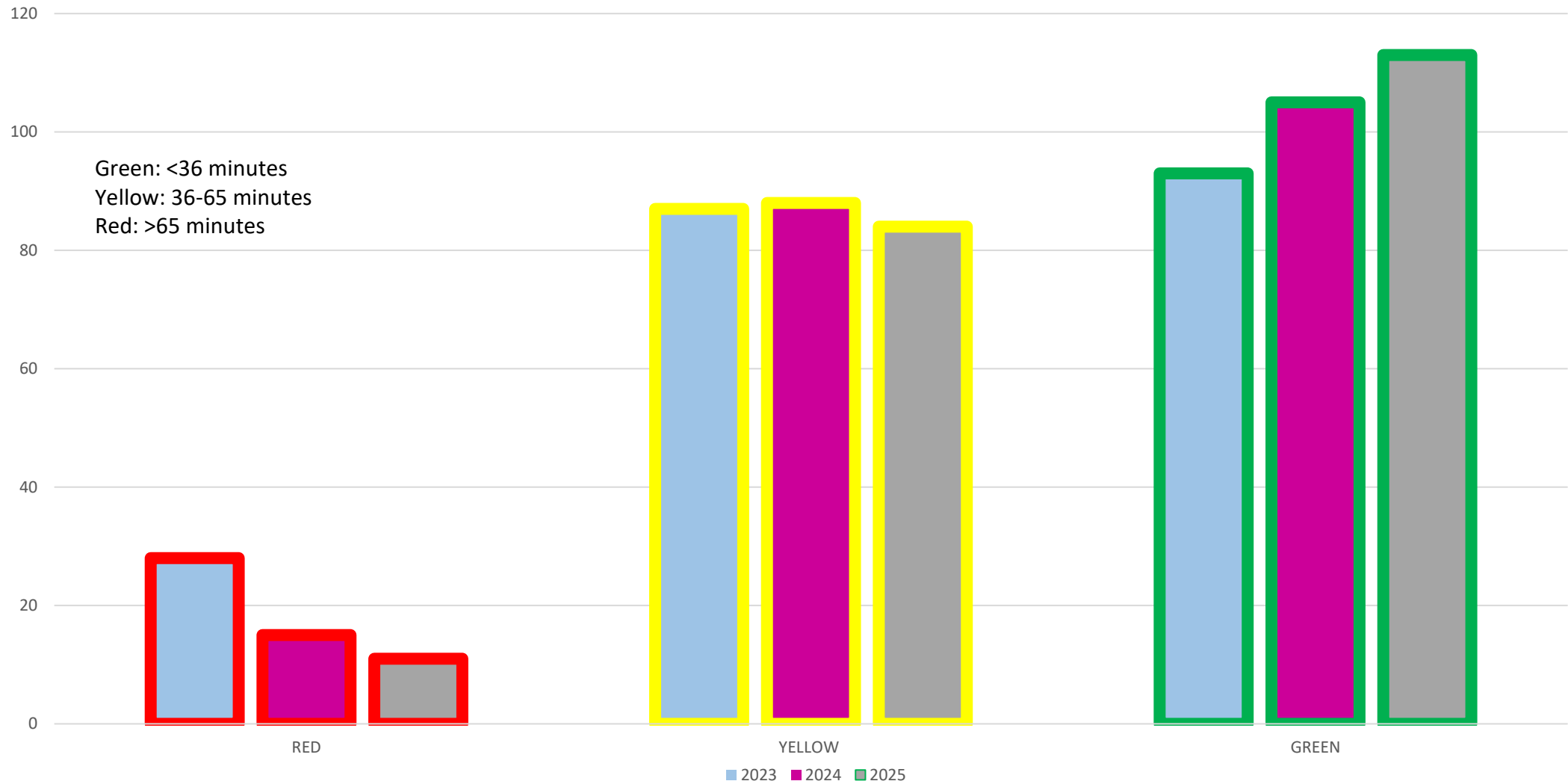


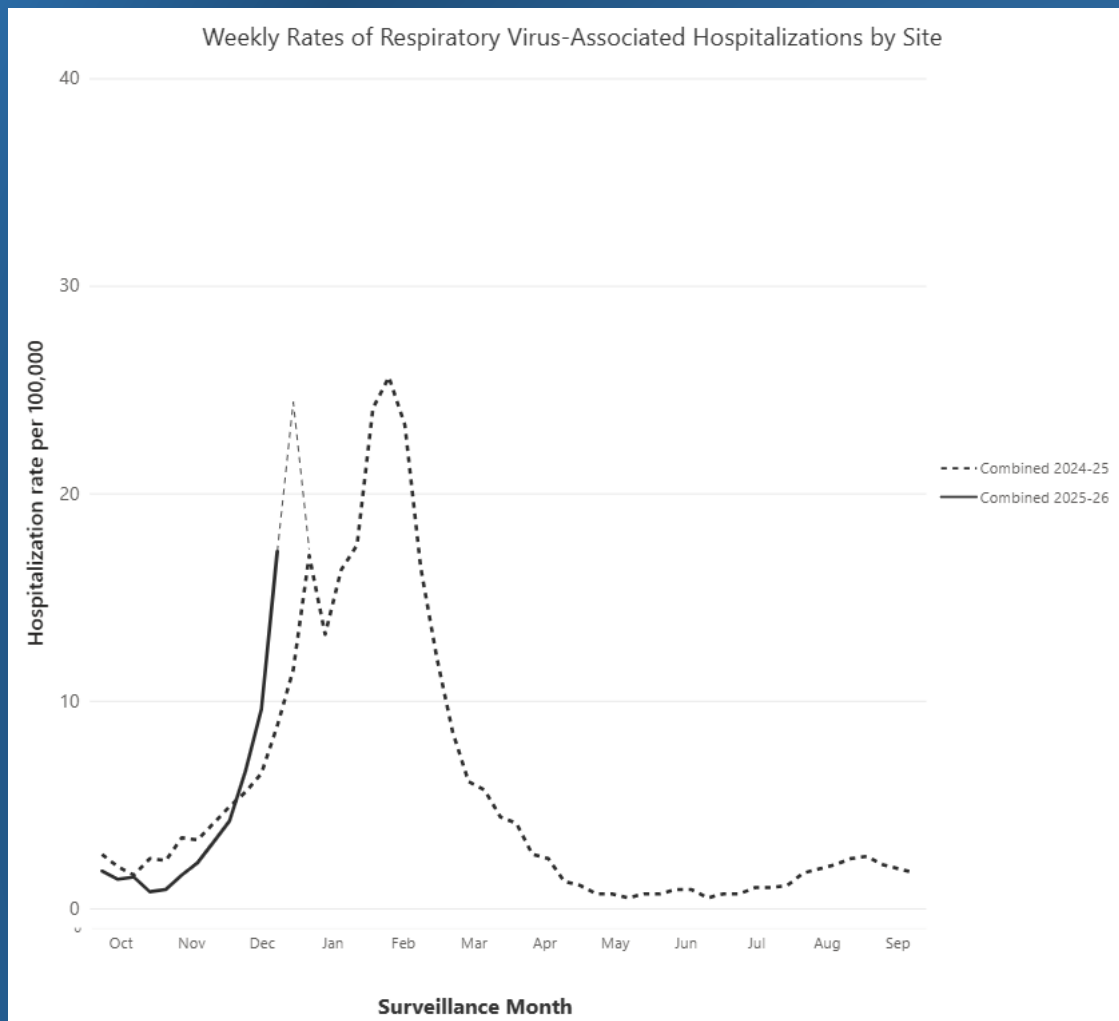


# EMS-to-Emergency Department 90<sup>th</sup> Percentile Transfer of Care Interval (per ED per month)

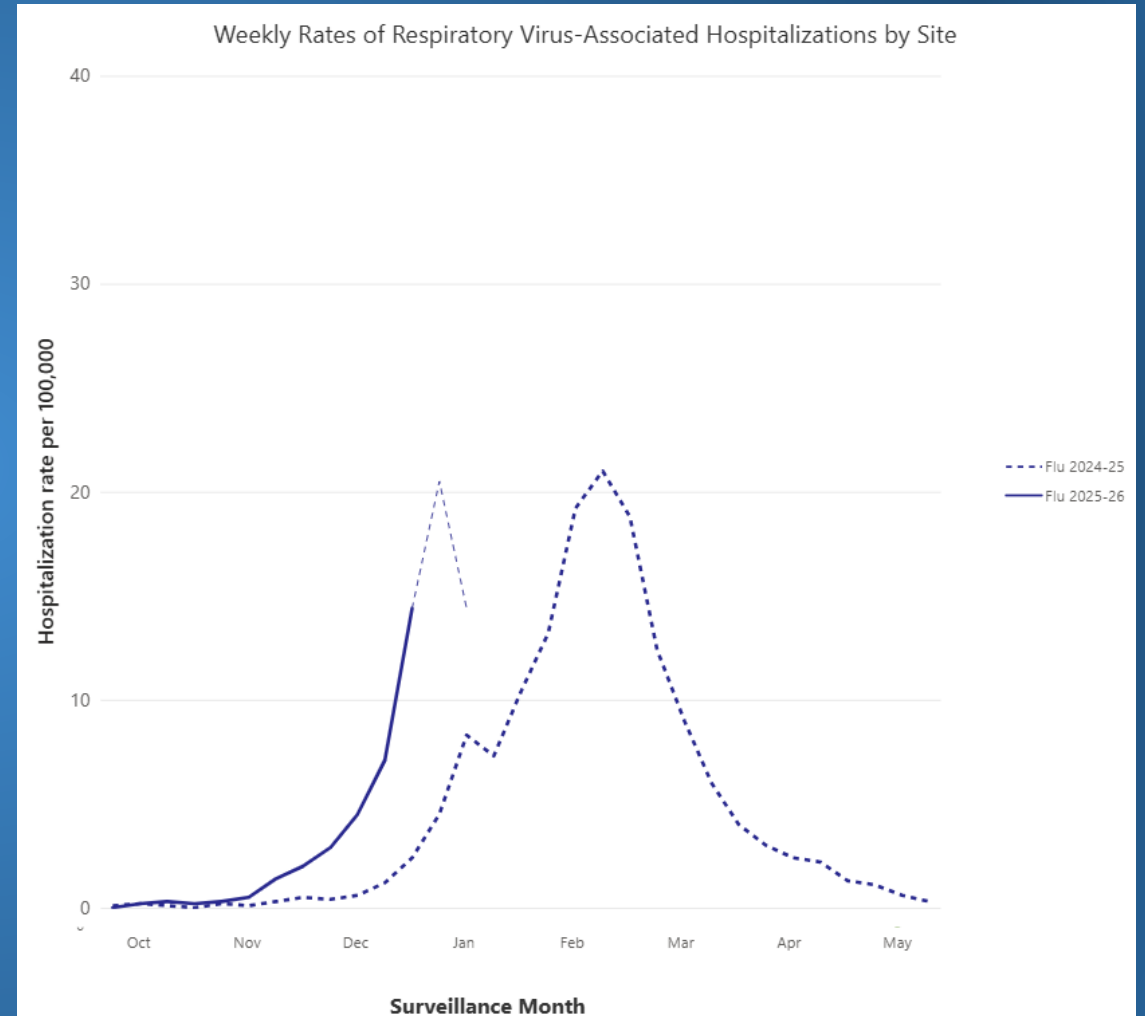
	2023				2024										2025											
Facilities	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Anne Arundel Medical Center	68.5	62.2	49.9	42.4	37	38.3	34.5	37.4	38.1	36.2	35	33	33	40.2	39.5	40.9	37.2	35.8	34.6	38.3	36.8	34.6	38.7	32.9	33.2	39.1
Atlantic General Hospital	10	10.9	10.9	11.4	10.4	12.7	12.6	11.8	11.4	12.5	11.5	12.2	11.9	12.2	13.8	11	11.9	12.2	10.6	11.2	12.6	11.1	14	9.25	12.1	11.9
Baltimore Washington Medical Center	49.2	53.6	59.6	50.9	50.8	57.1	50.6	56.1	60.7	51.8	51.3	49.7	47.7	59.2	70.6	63	55	43.8	50.7	52.2	47	48.4	44.3	38.8	31.5	45
Bowie Health Center (UMCRH)	40.3	48.4	56.1	43.4	41	37.6	35.8	37.2	41.5	37.3	32	34.9	35.4	36.6	38.1	38.3	32.1	34.8	34.9	32.5	39.5	33.2	37.6	30.9	29.3	33.7
Calvert Health Medical Center	37.2	53.7	41	39.1	29	25.6	35.7	31.2	29.2	40.2	37	31.4	30.1	30.9	35.4	43.7	24.3	27.4	25.1	30.5	22.5	26.9	35.2	27.6	27.3	34.7
Cambridge Free-Standing ED (UMSRH)	21.2	30.7	38	26.6	24.9	20.8	20.8	21.4	24.2	23.9	25.3	23.3	21.6	18.7	33.5	24.8	22.8	21.3	18.2	24.6	18.8	19.3	19.3	16.6	17.3	27.2
Capital Region Medical Center (UMCRH)	66.5	85.5	79.9	69.2	66.1	73	64.3	64.6	77.3	73	67.3	83.9	73.7	85	103	96.7	84.9	72.2	65	64.7	66.5	68.1	69.9	65.3	64.7	77.6
Carroll Hospital Center (LifeBridge)	39.8	40.7	42.1	37.2	38.6	42.5	37	34.8	36.4	38.5	34.7	46.4	35.1	54.6	50	77.7	49	37.7	40.1	51.8	45.4	46.1	48.9	42.9	37.8	51
Charles Regional (UM)	37	47.1	52.1	40.9	53.2	44.8	40.9	62.3	63.7	78.1	58	49.5	40.1	53	77.9	61.6	41.6	30	29.2	43.4	42.8	32.8	40.1	36.9	34	42.5
Chestertown (UMSRH)	35.7	37.7	30.6	19	19.5	20.2	21.3	19.6	19.8	20.1	22.9	21.1	21.5	25.1	22.9	22.6	21.1	21.6	24.9	22.4	30	27.2	27.1	25.9	20.7	23.7
Doctors Community Medical Center (Lumin	59.7	74.5	73.6	59.7	52.5	60.5	57.9	59.9	69	60.5	54.1	61.4	52.7	69	70.9	82.2	69.8	63.7	66.7	68.6	55	53.9	56.8	50.2	50.7	65
Easton (UMSRH)	33.3	50.4	56.3	42.6	44.1	37	36.5	39.3	41.8	38.3	48.1	37.6	35.8	35.9	46.7	50.7	41	34.6	36.2	37.8	37.5	34.6	37.3	32.7	32.4	35.4
Fort Washington Medical Center (Adventist	61.9	81	73.5	55.5	57.8	52.2	48.2	50.7	69.9	58.4	48.1	57.4	62.6	61.8	56.2	43.5	39.8	30.8	30	45.2	33.6	34.6	36.8	27	22.6	35.5
Franklin Square (MedStar)	38.9	45	38.5	36.6	36.9	39	36.7	36.3	35.5	36	35.9	35.5	31.8	39.4	40	42.7	42.1	40.5	36.1	40.6	41.7	39	41.3	39	36.1	40.8
Frederick Health Hospital	19.2	20.7	22.9	21.1	17.8	17.9	20	17.8	18.4	18.1	19.2	20.2	18.6	20.8	20.6	25.9	22.6	20.2	19.4	20	19.8	19.4	20.6	20.5	18.5	20.9
Garrett Regional Medical Center (w/VU)	10.8	11.9	11.1	10.9	10.9	9.92	10.7	12.9	11	13.3	12.2	13.5	15.1	13.3	12	13.5	13.5	8.93	10.6	12	9.76	11.8	10	11.3	10	11.2
Germantown Emergency Center (Adventist	17.9	19.1	18.3	19.5	18.9	18.1	18.5	21.6	15.8	18	16.9	19.7	20.2	18.7	19.1	17.8	17.8	17	18.3	18.6	16.2	14.8	17.3	15.1	15	17
Good Samaritan Hospital (MedStar)	34.9	41.7	40.3	35	31.7	32	32	31	34.6	38.9	37.5	36	32.3	35	44.7	44.2	38.6	33.6	33	34.8	39.2	38.7	46.7	41	38.4	45
Grace Medical Center (LifeBridge)	32	39.4	37.9	33.4	33.3	33.2	32.3	34.6	35.9	37	40.7	33.7	32.3	35.8	41.8	41.2	35	33	34	34.8	39.8	37.7	39.4	36.8	38	38.4
Greater Baltimore Medical Center	37.3	42.9	47.5	44	38.9	41.7	38.1	42.9	45.8	41	42.7	45	41.1	41.1	45.7	51.6	44.3	41.2	39.4	42.2	44.2	46.2	44.5	43	39.5	35.7
Harbor Hospital (MedStar)	44.9	58.1	54	44.4	45.4	52.3	54.3	49.4	58.7	51.9	51.5	47.1	46.1	53.7	73.4	57	49.1	39.6	43	45.3	42.1	42.7	44.6	40.7	38.8	52.5
Harford Memorial Hospital	25.6	35	31.5	19.7																						
Holy Cross Germantown Hospital	22.1	25.2	27	21.3	23.4	21.9	22.8	21.2	22	23.8	23.6	22.4	23.5	27.3	30.6	33.3	25	24	26	23.7	21.7	21.3	23.7	23.6	22	29.8
Holy Cross Hospital	30.5	31.8	32.9	31	32.9	27.9	28.7	31.3	29.7	30	27.3	30.2	28.2	28.6	33.5	32	28.9	30.8	28.5	30.3	30.2	30.5	29.6	28	28.4	33.1
Howard County Medical Center (JHM)	60.9	66.7	65.9	56.5	57.3	60.2	55.9	62.1	57.3	58.1	55.9	60.3	58.4	69.8	75.7	78.1	59.6	59	63.7	61.5	64.3	57.8	63.4	53	49.8	58.7
Johns Hopkins Bayview	44.6	47	44.8	41.4	39.4	40.4	39.7	40	40.6	46.3	44	38.9	42.6	45.7	48.9	45.3	40	40	38.1	42.9	38.3	38.5	43.4	39.8	40.9	44
Johns Hopkins Hospital ADULT	49.6	47.6	47.2	46	39.9	44.8	38.9	38.6	45	46.4	42.8	42	40.8	42	46.8	48.9	40	39	36.1	39.4	40.2	40.5	42.7	40.4	38.2	43.7
Johns Hopkins Hospital PEDIATRIC	27.5	28.3	28.7	29.7	29.4	28.4	25	29	23.1	30	28.7	25.3	30	25	27.8	30.2	26.5	30	23.7	26.3	27.8	27.7	25.9	29.3	27.9	33.2
Laurel Medical Center (UMCRH)	50.4	59.7	53.8	40.3	35.7	46.9	45.6	47.5	44	44.7	39	44.8	41	46.8	51.2	44.6	40.6	38	38.7	38.5	36.8	37.4	34.2	29.7	34.7	36.9
McCready Health Pavilion	24.7	5.81	6.47	11.2	4.95	7.07	6.28	7.43	27.8	10.6	13.7	11.6	11.2	9.62	7.04	9.48	7.17	10.7	11.1	8.69	9.33	7.88	6.97	6.82	6.74	6.27
Mercy Medical Center	42.9	48.3	43.1	44.8	42.5	42.3	39.8	39.3	43	41.3	43	42.4	41.4	45.9	50.3	53	47.3	45.7	42.8	42.1	42	45.9	45	45.1	43.1	46
Meritus Medical Center	16.6	17.9	19.6	17.2	17	15.6	15.1	14.6	13.8	14	14.6	16.7	15.8	18.6	20.1	25	17.2	16.2	16.6	16.9	19	16.4	16.2	18	17.3	19.4
Midtown (UM)	44	56	52	50	47.8	43.9	43.5	41.5	46.6	45.9	44.7	43.9	46.3	46.1	53.5	52	49.7	39.9	39.5	40.7	46.3	47.1	47.1	46.6	48.8	46.7
Montgomery Medical Center (MedStar)	28.9	31.8	31.3	34.3	32	28.7	27.8	27.6	25.3	28	30.7	29.6	32.2	34.1	34.6	40	27.5	28.3	30.4	30.6	29.5	31.1	30.2	29	25.3	30.2
Northwest Hospital (LifeBridge)	43.9	47.7	47.4	52.7	46.1	50.3	52.4	48.5	53.7	57.9	60.8	61.9	48.5	56.1	65.4	81.6	61.2	53.7	53.5	56.7	44.5	41.9	36.2	26.6	29.1	37
Peninsula Regional (TidalHealth)	17.4	17.6	17	16.8	15.8	16.5	16.6	17	16.8	16.9	15.9	14.3	15.4	16.1	16.1	15.1	12.3	12.3	14.5	13.7	14.9	13.7	13.2	13.2	12.9	13
Queenstown Emergency Center (UMSRH)	19.2	32.1	30.7	24.1	19.2	19.8	26.2	26.7	20.3	22.8	24.6	23	22.9	31.5	30.9	31.5	25.3	20.7	21.1	24.3	19.5	26.4	31.1	22.2	20.4	30.5
R Adams Cowley Shock Trauma Center	26	28.1	20.4	20.7	20.1	21.1	20.5	18.8	21.2	20.2	20.8	22	23.8	23	25.4	20.5	20.2	22.6	22.7	22.8	22.2	21.1	23.4	21.1	23	24.6
Shady Grove Medical Center (Adventist)	32	34	34.3	36	30.2	25.6	26.9	29.5	27.4	29.6	31.3	31.3	29.2	30.2	32.6	31.8	31.1	29.3	24.8	28.9	27.6	29.5	34.6	30.1	25	35.1
Sinai Hospital (LifeBridge)	47.3	50.2	55.3	51.1	50.9	48.4	49	50	54.6	50.5	52.9	47.3	51.1	52.3	61	64.7	49.6	47.5	47.7	53.6	55.7	57.2	47.2	43	44.8	56.5
Southern Maryland Hospital (MedStar)	63	81.9	74.1	78	77.7	100	75.5	68.7	75.5	92.3																

Sep-Dec EMS-ED Transfer of Care Interval 90<sup>th</sup> Percentile per Hospital per Month





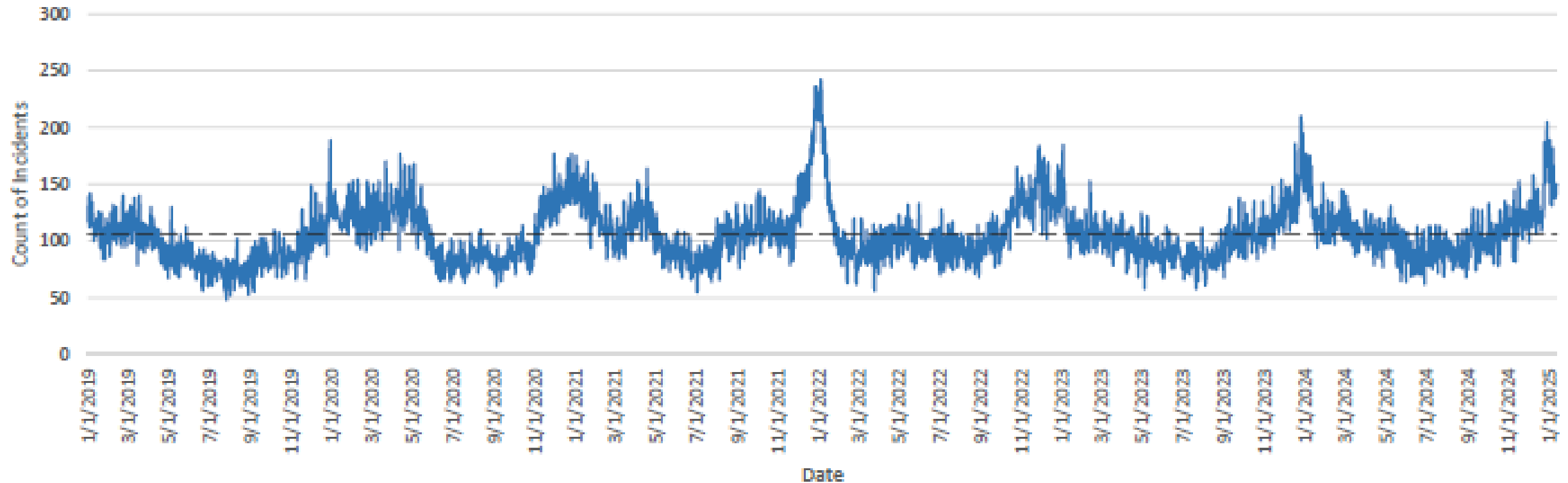
[www.cdc.gov/resp-net/dashboard](https://www.cdc.gov/resp-net/dashboard) as of 1/9/2026



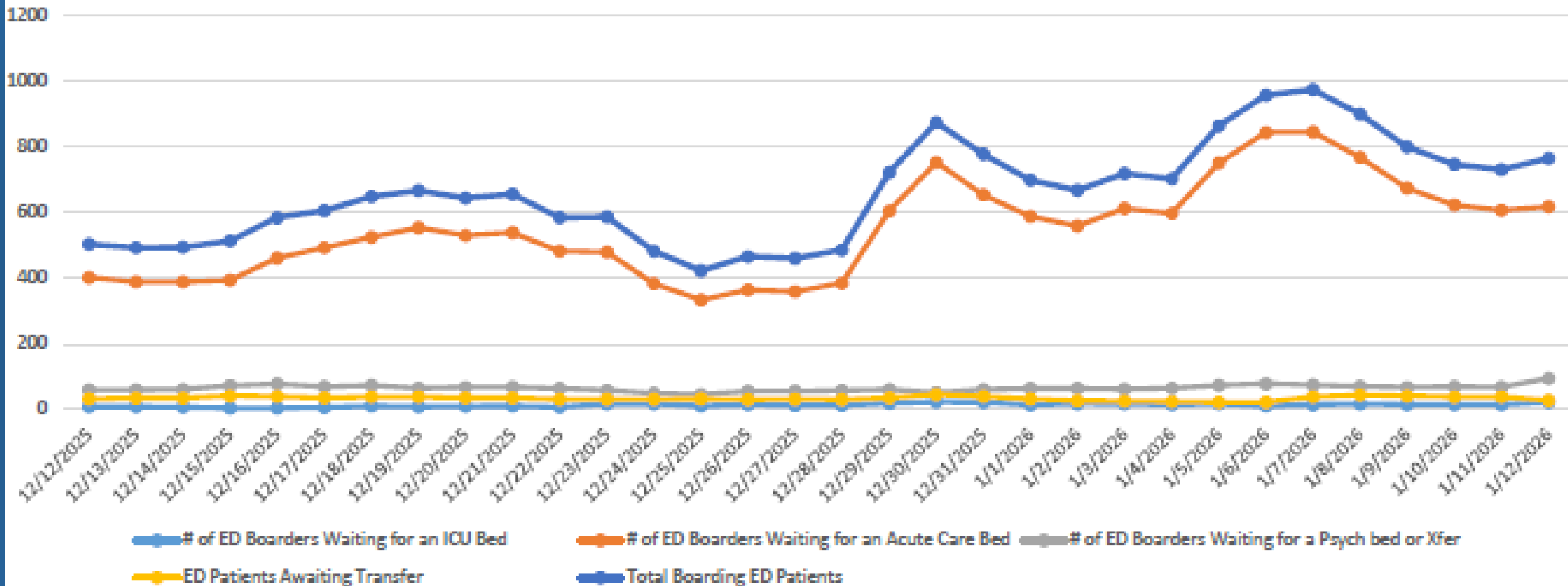
Maryland Institute *for* Emergency Medical Services Systems



Prehospital (911) Respiratory Illness (Jan 2019 to Present)



## Boarding ED Patients Statewide





Maryland EMS  
Ted Delbridge

Logout

Dashboard

Settings

About

Advisory Definitions & Reports

The Maryland ED Advisory System

40 Hospitals with 91 Units and 16 En Route Statewide

Anne Arundel Medical Center - 221

ED Index ?

En Route

At Facility

Length of Stay

4

1 Unit

4 Units

12 - 32 minutes

Atlantic General Hospital - 381

4

0 Unit

3 Units

4 - 83 minutes

Baltimore Washington Medical Center - 222

ReRoute

4

0 Unit

8 Units

10 - 46 minutes

Bayhealth Hospital, Kent Campus, DE - 350

0 Unit

0 Unit

Bowie Health Center (UMCRH) - 353

4

0 Unit

0 Unit

CalvertHealth Medical Center - 266

2

0 Unit

1 Unit

30 minutes

Cambridge Free-Standing ED (UMSRH) - 229

3

0 Unit

0 Unit

Capital Region Medical Center (UMCRH) - 260

4

0 Unit

3 Units

43 - 74 minutes

Carroll Hospital Center (LifeBridge) - 219

4

1 Unit

4 Units

0 - 30 minutes

Cedar Hill Regional Medical Center, DC - 412

0 Unit

0 Unit

Charles Regional (UM) - 291

4

1 Unit

3 Units

17 - 78 minutes

Chestertown (UMSRH) - 296

1

1 Unit

1 Unit

8 minutes

Children's National Medical Center, DC - 317

1

0 Unit

0 Unit

Christiana Hospital, DE - 304

0 Unit

2 Units

0 - 8 minutes

Doctors Community Medical Center (Luminis) - 329

4

0 Unit

1 Unit

5 minutes

Easton (UMSRH) - 297

4

0 Unit

0 Unit

Fort Washington Medical Center (Adventist) - 522

4

0 Unit

0 Unit

Franklin Square (MedStar) - 203

4

0 Unit

3 Units

20 - 42 minutes



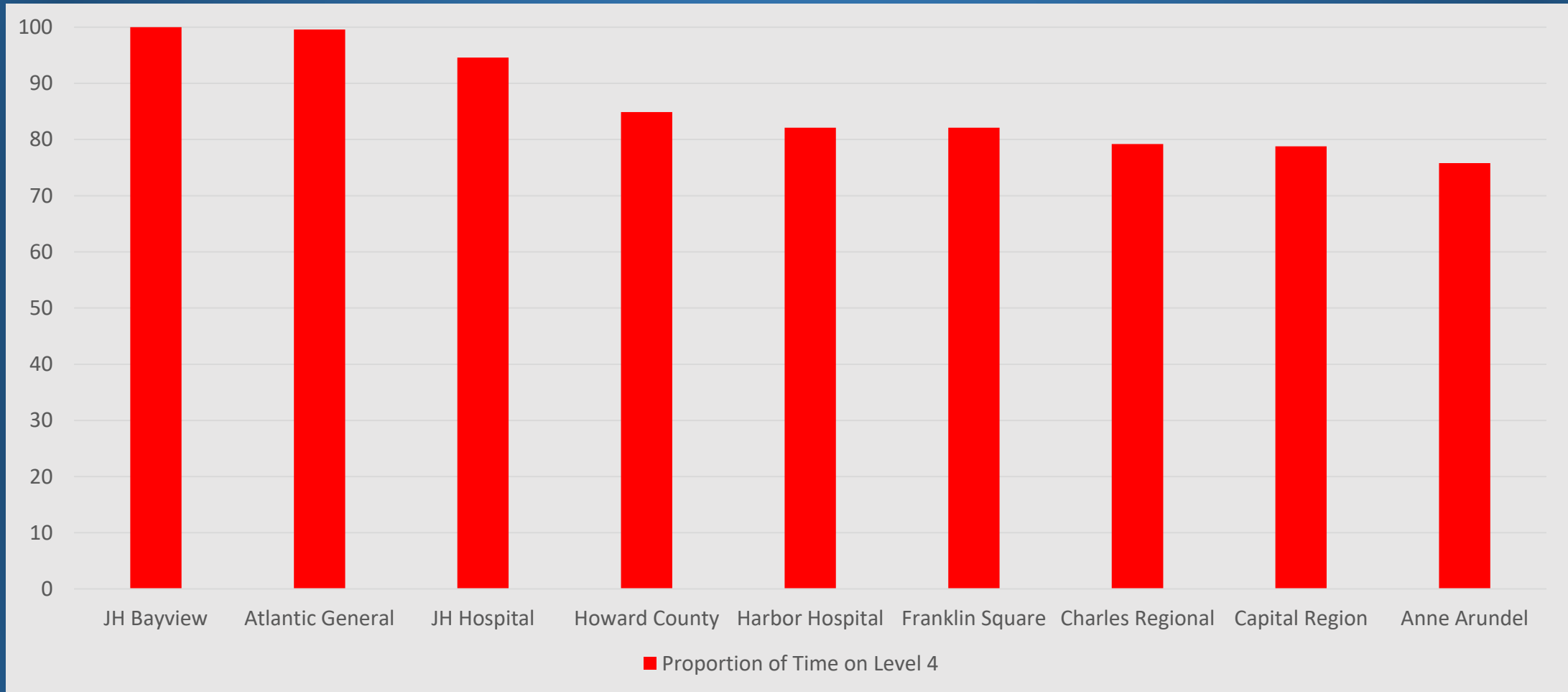
Maryland Institute *for* Emergency Medical Services Systems

# ED Level 4 Hours Jan 1 – 12, 2026

Region III		
Hospital Name	Level 4 Hours	% Time on Level 4
Johns Hopkins Bayview	47.9	100.0 %
Johns Hopkins Hospital ADULT	157.7	94.6 %
Howard County Medical Center (JHM)	214.6	84.9 %
Harbor Hospital (MedStar)	214.7	82.1 %
Franklin Square (MedStar)	170.9	82.1 %
Anne Arundel Medical Center	198.2	75.8 %
Baltimore Washington Medical Center	183.3	70.1 %
Upper Chesapeake Medical Center (UMUCH)	180.8	69.1 %
University of Maryland Medical Center	151.4	57.9 %
St. Agnes Hospital (Ascension)	150.9	57.6 %
Union Memorial Hospital (MedStar)	150.0	57.4 %
Good Samaritan Hospital (MedStar)	131.4	50.2 %
St. Joseph Medical Center (UM)	123.9	47.4 %
Carroll Hospital Center (LifeBridge)	104.8	40.1 %
Upper Chesapeake Health Aberdeen (UMUCH)	104.0	39.8 %
Midtown (UM)	94.1	36.0 %
Sinai Hospital (LifeBridge)	87.9	33.6 %
Greater Baltimore Medical Center	73.2	27.9 %
Mercy Medical Center	53.2	20.4 %
Northwest Hospital (LifeBridge)	11.6	4.4 %
Grace Medical Center (LifeBridge)	7.3	2.8 %

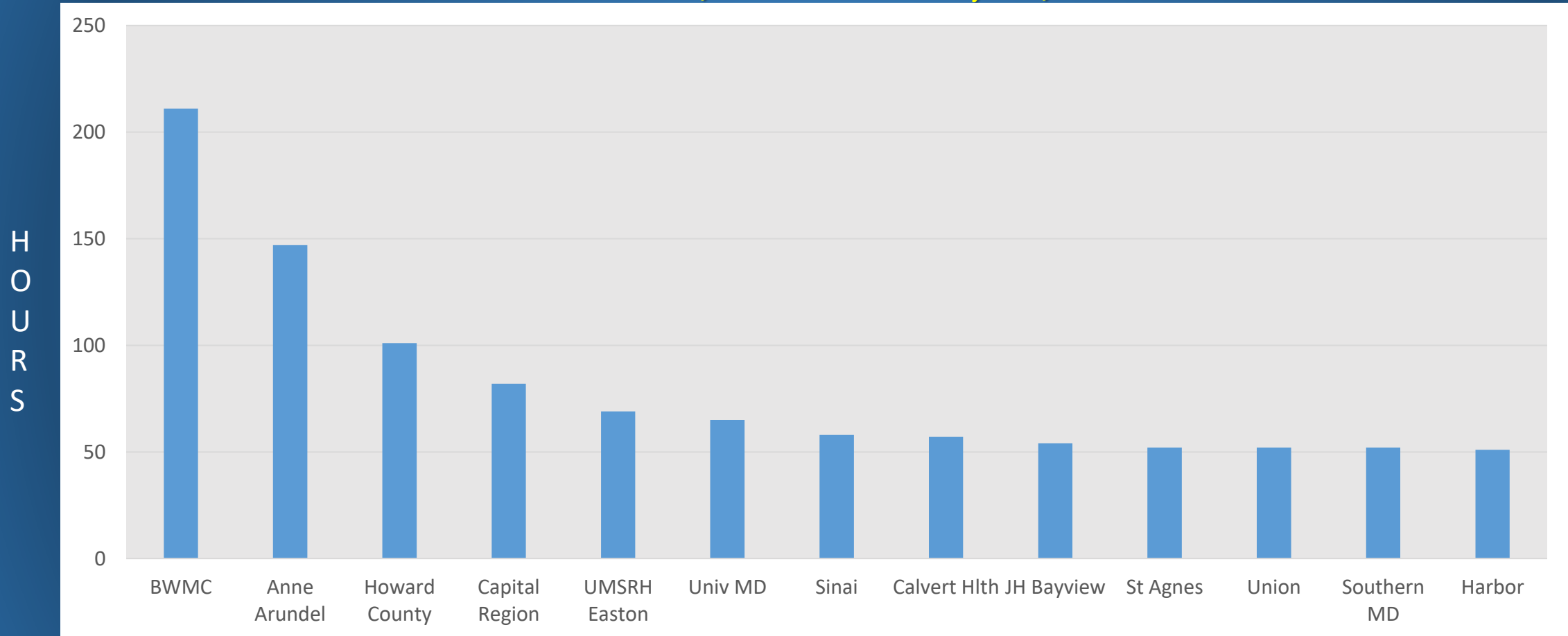


# EDs on Level 4 Greater Than 75% of Time



# EDs on EMS Reroute Greater than 50 Hours

*December 1, 2025 – January 12, 2026*



Maryland Institute *for* Emergency Medical Services Systems



# Preparedness and Field Operations

- Launched next generation Maryland Emergency Medical Resource Alerting Database (MEMRAD)
- Updated the “Chempack” deployment program (e.g., BVMs)
- Developed deployable support kits for event support (e.g., bleeding control, DuoDote caches)



# EMRC / SYSCOM

- 217,808 connections made between in-field EMS and hospitals (EDs and trauma centers)
  - 4% increase from 2024
- 4,725 aviation requests
  - 3% increase from 2024
  - 7% increase in patient transports (2,045)



# Office of Clinician Services

- 154 EMT practical tests
- 2,425 candidates
- 1895 new EMTs
  - Increased from 1583 in 2024
  - 637 by reciprocity
- 290 new paramedics
  - 97 by reciprocity



# State Office of Commercial Ambulance Licensing and Regulation (SOCALR)

- 543 scheduled vehicle licensing inspections
- 72 random inspections
- 0 non-compliance notices (28 investigations)
- 2 new ground ambulance services



# Office of Integrity and Assistant Attorneys General

- >10,000 background checks
- 57 cases reviewed by PRP and EMS Board *(61 in 2024)*
- 3 Office of Administrative Hearings
- Actions included:
  - 34 probation
  - 7 suspensions
  - 10 revocations *(3 in 2024)*
  - 3 surrenders
  - 5 remedial education





# Pediatric Facility Recognition Program – January 2026

Category	Application Initiated	Site Visit Scheduled
<b>Pediatric Ready Emergency Department</b> General care or stabilization and transfer	6	1
<b>Pediatric Resource Hospital</b> Overnight observation/Inpatient care	2	2
<b>Comprehensive Pediatric Hospital</b> Pediatric ICU and operative care	2	2

- Recognition will be for three years
- February 25, 2026 – First (*planning to be annual*) Pediatric Ready Conference (EMS &ED)



Maryland Institute *for* Emergency Medical Services Systems





# Office of Care Integration - 2025

- 7 hospital designations
  - 1 trauma center
  - 1 pediatric trauma center
  - 1 burn center
  - 2 freestanding emergency medical facilities
  - 2 perinatal centers
- 1 out-of-state MOUs (pending)
- 205 consultative visits
- 27 lectures/presentations



# COMAR 30.08

## Designation of Trauma and Specialty Referral Centers Why an Update is Needed

- Existing COMAR contains:
  - Redundant language
  - Outdated references & requirements
  - Ambiguous language and terminology
  - Variability with current clinical practice
- Healthcare delivery and national standards have evolved
- Goal: Ensure regulations are clearer and current



# Guiding Principles for Regulation Revision

- Transparency and inclusiveness
- Evidence-based decision-making
- Alignment with national standards
- Regulatory clarity and consistency
- Patient safety and quality of care



# Hospital Stakeholder Engagement with Comprehensive Line-by-Line Review

- Broad, multidisciplinary participation included:
  - Clinical experts
  - Operational leaders
- Stakeholders were involved early and throughout the process
  - Trauma COMAR review/revision taskforce (Medical Directors and Programs Directors/Managers)
  - Stroke quality improvement committee (QIC), Maryland stroke center consortium (MSCC)
  - Perinatal advisory committee (PAC), Maryland Department of Health (MDH)



# Trauma and Specialty Center Key Changes

- 5 year designation to 3 year designation
- Trauma centers
- Stroke centers
- Perinatal referral centers
- Cardiac interventional centers
- Freestanding Emergency Medical Facilities





# Designations- 5 years to 3 Years

- Aligning the designation period with national accrediting organizations:
  - American College of Surgeons (ACS)-Trauma Center Verification- 3 years
  - The Joint Commission (TJC)- Disease Specific Care- 2 Years
  - Det Norske Veritas (DNV)- Disease Specific Care- 1 Year
  - American Burn Association (ABA)- 3 years
  - Accreditation Commission for Health Care (ACHC) formally Healthcare Facilities Acc. Program (HFAP)- Disease Specific Care- 3 years





# Other Key Changes

## ○ Trauma

- **30.08.05.05(J)(4, 5)** – Requires all centers to demonstrate Pediatric specific knowledge and competency for all healthcare professionals. Requires all Trauma Centers to participate in the Pediatric Readiness Project Gap Analysis and address deficiencies within pediatric care.
- **30.08.05.13(G)(2)** – in-house Radiology Attending on-call changed from “essential” to “desired” for the PARC. This makes the appropriateness of Teleradiology consistent throughout all level Trauma Centers.
- **30.08.05.14(B)(2)** – changes the PI position requirement from 1500 patients to 1000 trauma registry patients and makes this an essential requirement for all centers.
- **30.08.05.19(D)** – Trauma Team Activation policy was updated to meet the current guidelines in the ACS *Resources for Optimal Care of the Injured Patient* 2022 Standards, sections 5.3(1-8).
- **30.08.05.24** – This entire “Injury Severity Criteria” section has been re-written. All ICD-9 codes and language referring to these codes have been eliminated. Reference to the Abbreviated Injury Scale instead.

## ○ Stroke

- Changing 8 hours of stroke education requirement to stroke program leadership dictating what education is necessary
- Clarification: dedicated stroke coordinator to dedicated (1.0 FTE) stroke coordinator. Decreasing stroke coordinator requirement to 0.5 FTE for acute stroke ready programs. Feb 7, 2023 AHA/ASA scientific statement.



# COMAR 30.08

- Expect to receive draft updates in coming weeks
- No SEMSAC meeting in February
  - Submit comments to Barb Goff
- For Board agenda in upcoming meetings

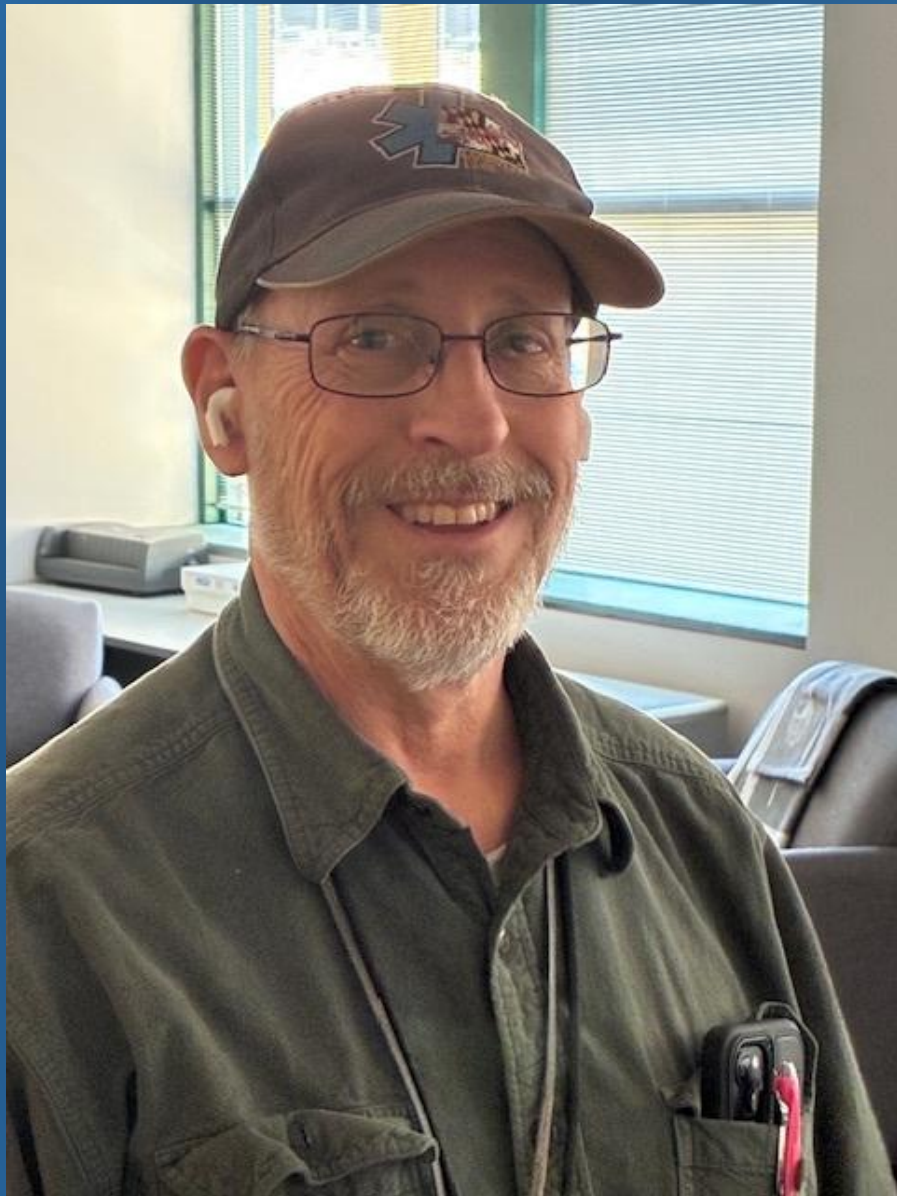




- Budget
- SB 24 / HB 276
  - Public Access AED update
- SB 159
  - EMS vehicle minimum equipment list (neonatal care)
  - JEMSOPs: quarterly performance reviews submitted to MIEMSS, including complaint data







**Chuck Rollman**  
Director, Communications Engineering Svcs.



Maryland Institute *for* Emergency Medical Services Systems