



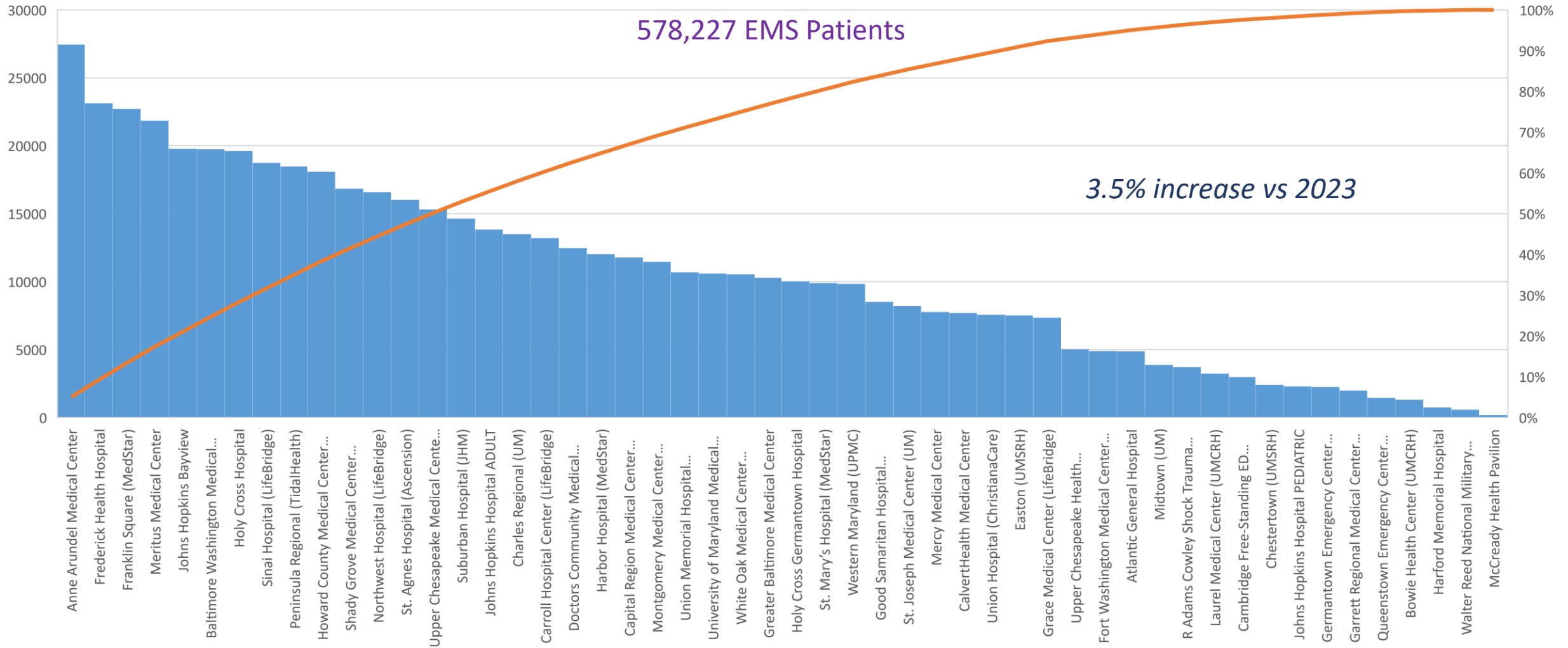
**Maryland Institute *for*  
Emergency Medical Services Systems**

# EMS Board & SEMSAC

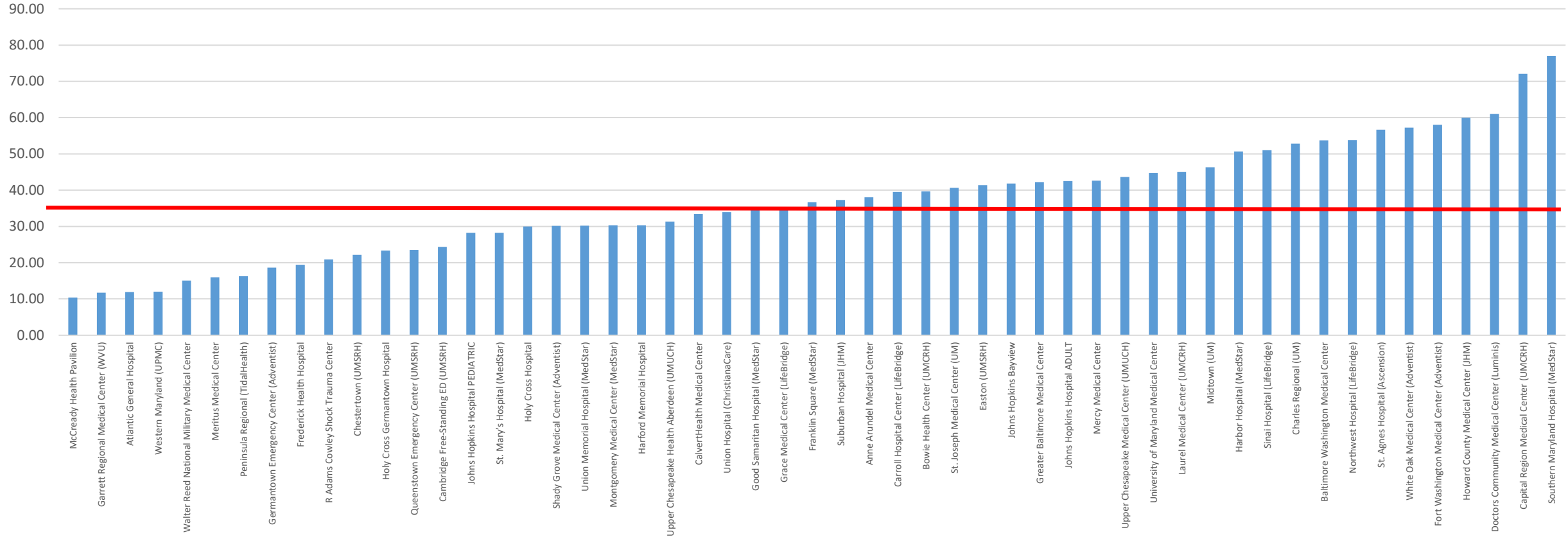
Theodore Delbridge, MD, MPH

Executive Director

# Maryland EMS-Receiving Emergency Departments 2024



## 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)

				2024											
Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
68.63	65.13	68.48	62.16	49.92	42.39	37	38.34	34.31	37.41	36.07	36.18	35	33.02	33.05	40.38
10.69	10.45	10.01	10.92	10.87	11.41	10.43	12.73	12.56	11.75	11.43	12.48	11.55	12.24	12.09	12.18
62.96	66.98	49.2	53.58	59.58	50.91	50.81	57.08	50.58	56.09	60.64	51.81	51.31	49.67	47.69	58.61
45.28	46.56	40.34	48.39	56.11	43.43	40.96	37.62	35.87	37.16	41.45	37.35	32.01	34.9	35.44	36.66
31.86	34.99	37.16	53.7	40.98	39.29	29.03	25.63	35.79	31.15	29.27	40.23	36.67	31.48	29.82	31.07
23.95	24.78	21.17	30.67	37.97	26.62	24.92	20.79	20.82	21.43	24.18	24.01	25.33	23.29	20.48	18.52
80.48	71.46	66.51	85.53	79.93	69.18	66.06	73	64.62	64.55	77.34	73.07	65.53	83.7	73.65	85.22
37.83	39.35	39.83	40.67	42.12	37.19	38.56	42.47	36.99	34.82	36.42	38.33	34.77	46.21	34.9	54.41
38.72	40.46	36.97	47.11	52.1	40.9	53.22	44.77	40.9	61.97	63.69	78.22	58.2	49.55	38.85	52.72
46.53	49.31	35.66	37.66	30.63	18.97	19.54	20.19	21.33	19.56	19.78	18.62	22.95	21.09	21.95	24.95
71.28	73.77	59.69	74.48	73.6	59.7	52.52	60.46	57.88	59.91	69.04	60	54.16	61.38	51.48	68.97
41.69	34.9	33.27	50.44	56.31	42.62	44.11	37.03	36.52	39.29	41.79	38.33	48.18	37.26	36.36	35.9
65.6	64.28	61.94	81.03	73.47	55.46	57.79	52.24	48.16	50.69	69.93	58.59	47.42	55.93	58.85	61.86
38.01	37.02	38.89	44.95	38.49	36.57	36.98	39.08	36.73	36.3	35.47	36.1	35.92	35.55	31.95	39.14
18.41	18.64	19.18	20.73	22.91	21.1	17.77	17.88	20	17.78	18.39	18.1	19.18	20.13	18.31	20.82
13.36	14.39	10.84	11.86	11.11	10.85	10.92	9.92	10.68	12.89	10.98	13.38	12.21	13.55	13.37	13.31
16.67	17.08	17.87	19.11	18.34	19.51	18.85	18.07	18.47	21.63	15.76	17.93	16.94	19.3	20.46	18.69
32.25	39	34.91	41.65	40.26	35	31.65	32	32.09	30.99	34.6	38.96	37.55	36	32.35	35
35.14	37.19	32	39.39	37.9	33.36	33.3	33.22	32.91	34.61	35.87	37.58	40.71	39.73	32.25	35.84
35.84	35.97	37.33	42.91	47.46	44.02	38.88	41.3	38.12	42.91	45.84	40.81	42.72	45	41.95	41.15
53.52	57.23	44.91	58.12	54.02	44.44	45.39	52.34	54.31	49.36	58.76	51.9	51.5	46.78	46.67	53.37
21.81	27.19	25.64	35	31.49	19.71										
20.91	22.61	22.12	25.18	27.03	21.91	23.99	21.91	22.83	21.25	21.98	23.82	23.63	22.42	23.47	27.26
28.74	30.06	30.46	31.83	32.86	30.98	32.75	27.87	28.76	31.27	29.71	30.08	27.28	30.17	28.25	28.42
68.99	78.62	60.87	66.7	65.89	56.46	57.31	60.29	55.88	62.13	57.33	58	55.86	60.33	58.53	69.64
42.45	40	44.63	46.99	44.78	41.51	39.32	40.15	39.3	40	40.6	46.06	44.02	38.84	42.26	45.66
44.03	47.97	49.64	47.64	47.23	45.94	39.93	44.74	39	38.58	45	46.24	42.82	41.57	39.89	42.09
27.5	28.54	27.54	28.3	28.66	29.68	29.35	28.36	25	28.99	23.21	29.96	29.67	25.31	30	25
57.7	59.51	50.37	59.72	53.81	40.34	35.7	46.87	45.58	47.5	44	44.87	39	44.86	41.93	47.01
7.7	6.78	24.69	5.81	6.47	11.2	4.95	7.07	6.28	7.43	27.79	10.62	13.65	11.58	11.19	9.62
42.13	48.6	42.89	48.33	43.09	44.77	42.51	42.32	39.89	39.26	43.02	41.69	43	42.45	41.38	45.93
17.53	17.22	16.62	17.91	19.61	17.24	17	15.55	15.05	14.63	13.75	14.03	14.57	16.69	15.32	18.6
43.65	45	44	56	51.99	50	47.76	43.93	43.51	41.49	46.6	45.9	44.72	44.19	46.32	46.18
28.09	30.97	28.86	31.79	31.31	34.4	32.12	28.68	27.84	27.55	25.3	28.05	30.97	29.63	31.89	34.18
42.39	43.38	43.86	47.72	47.41	52.73	46.06	50.25	52.42	48.52	53.74	57.88	60.77	61.46	48.43	56.17
18.02	18.02	17.4	17.6	17	16.78	15.75	16.45	16.56	16.95	16.83	16.91	15.86	14.29	15.43	16.12
25.14	24	19.17	32.07	30.71	24.1	19.2	19.79	26.18	26.66	20.27	22.37	24.86	22.99	23.09	31.66
28.77	21	26.04	28.13	20.38	20.66	20.09	21.08	20.48	18.76	21.16	20	20.83	21.97	23.65	23.03
29.92	30.01	31.95	34.01	34.27	36.07	30.15	25.66	26.88	29.43	27.52	29.35	31.26	31.36	28.69	30.21
45.06	46.51	47.25	50.22	55.27	51.05	50.87	48.35	48.92	50.04	54.6	50.03	52.92	47.28	50.97	52.33
58.86	54.57	62.95	81.91	74.05	78.03	77.72	100.57	75.93	68.71	75.53	92.27	75.57	70.41	74.36	73.8
48.01	47.3	46.57	58.77	61.56	53.73	52.45	59.88	65.22	51.97	56.04	62.98	51.64	58.7	57.16	53.51
40.42	40.51	32.94	43.53	43.13	40.26	35.72	38.72	39.23	39.46	44.76	42.21	40.93	41.28	39.88	41.48
28.93	31.03	32	31.56	32.5	26.74	25.12	26.74	29	26.61	27.83	27.93	29.51	31.49	27.24	28.7
36.37	44.27	32.45	37.77	43.07	41.17	30.05	32.89	44.39	34.09	36.88	33.86	43.2	35.45	36.34	39.63
22.45	25.98	29.01	28.13	32.31	31.77	32.42	33.64	30.81	36.68	28.67	35.89	36.11	32.22	34.33	45.64
27.73	31.85	30.08	34.35	33.45	30.64	30	30	25	27.92	31.01	32.88	33.47	32.5	27.97	29.78
38	43.77	38.48	42.97	44.63	44.97	43.14	43.99	43.24	43.9	41.74	47.94	43	44.14	45	48.91
					35.22	28.11	31.1	31.74	36.13	30.6	30.29	31.41	28.45	28.55	33.49
40.52	47.32	49.6	66.86	60.66	45.76	40.57	45.71	43.23	46.8	45.13	44.45	37.92	35.07	35.23	41.02
17.62	13.03	16.91	16.8	18.58	13.8	14.96	14.6	15.83	17.05	18.69	17.27	12.48	13.2	12.9	11.67
12.85	12.87	11.94	12.34	11.45	11.56	11.26	10.97	12.48	12.22	12.13	12.27	12.95	12.67	11.44	12.14
64.56	75.95	72	69.73	62.41	55.72	56.74	51.13	56.08	60.48	57.25	60.98	55.6	61.2	51.8	57.07

Sep – Dec 2023

RED: 28

YELLOW: 87

GREEN: 93

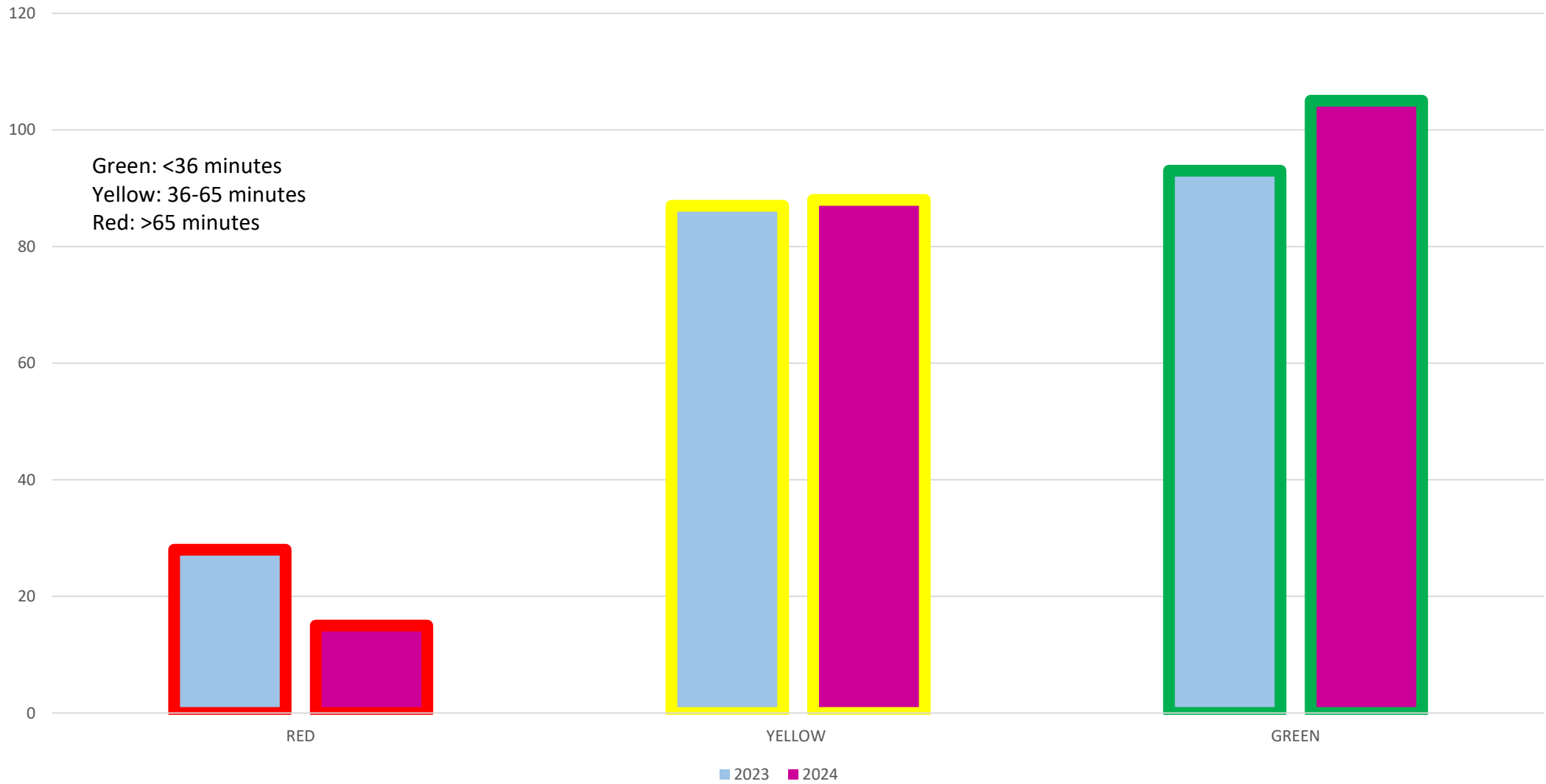
Sep – Dec 2024

RED: 15

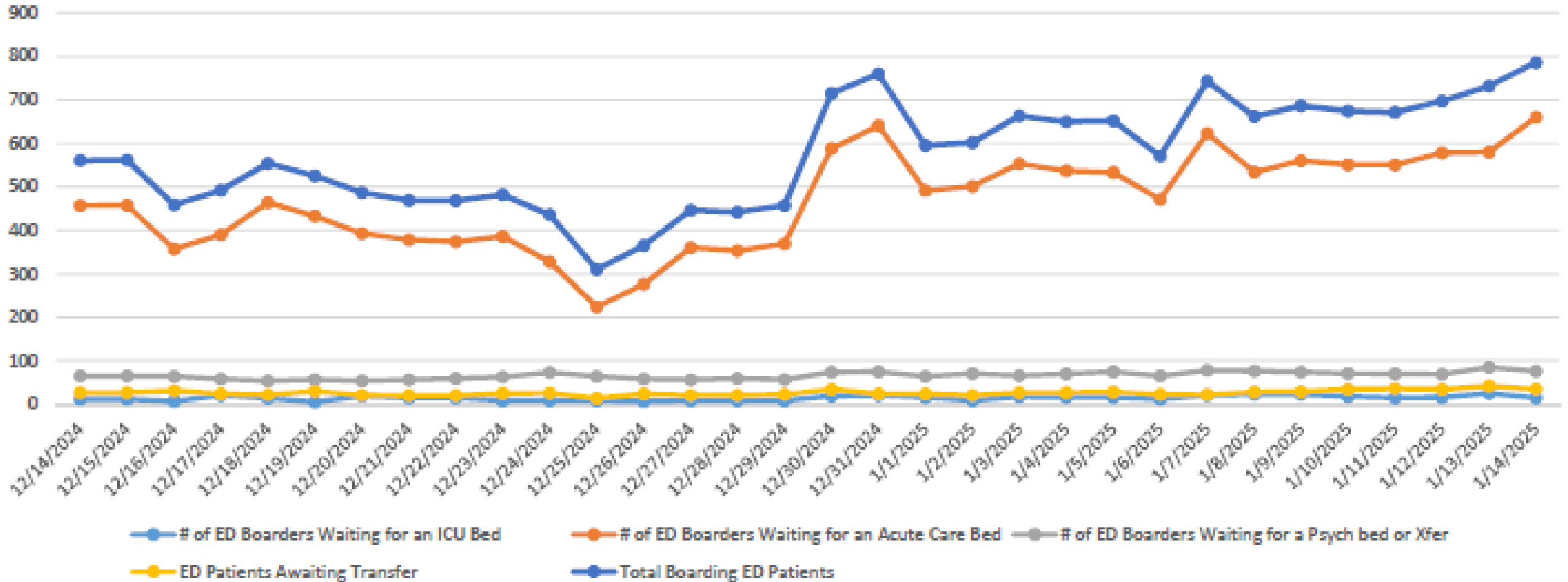
YELLOW: 88

GREEN: 105

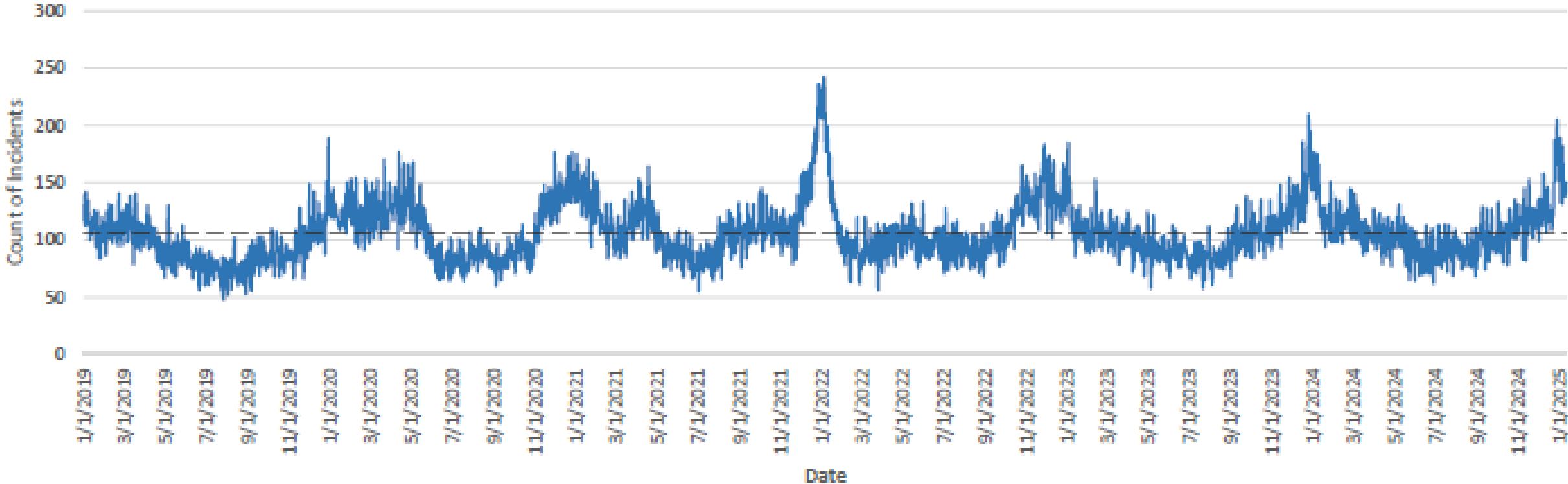
Sep-Dec EMS-ED Transfer of Care Interval 90<sup>th</sup> Percentile per Hospital per Month



## Boarding ED Patients Statewide



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





- As of January 1, 2025:
  - Restaurants required to have an AED: approximately 4,300
  - Grocery stores required to have an AED: approximately 1,600
- Stood up a new registry
  - Simpler
  - Improved database
- Simpler AED use reporting
  - QR Code access
  - 10 questions!





# Office of Care Integration - 2024

- 31 hospital designations
  - 23 cardiac intervention centers
  - 5 stroke centers
  - 2 freestanding emergency medical facilities
  - 1 pediatric trauma center
- 7 out-of-state MOUs
- 197 consultative visits
- 44 lectures/presentations/conferences



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

- 505 scheduled vehicle licensing inspections
- 153 random inspections
- 12 non-compliance notices
- Three new ground ambulance services



# Office of Clinician Services

- 155 EMT practical tests
- 2,272 candidates
- 1583 new EMTs



# Office of Integrity and Assistant Attorneys General

- >10,000 background checks
- 61 cases reviewed by PRP and EMS Board
- 4 Office of Administrative Hearings
- Actions included:
  - 43 probation
  - 7 suspensions
  - 3 revocations
  - 3 surrenders
  - 4 remedial education





Kathleen Harne, RN, NRP  
ALS Program Coordinator





Christian Miele, JD  
Director, Office of Government Affairs





- Budget
- Military / Uniformed Services
- Naloxone / AEDs
- Buprenorphine



# Walter Reed National Military Medical Center



Maryland Institute *for* Emergency Medical Services Systems



# For Board Action:

## CODE OF MARYLAND REGULATIONS

### Title 30 – MIEMSS

#### Subtitle 08 – Designation of Trauma and Specialty Referral Centers

Service	Existing	Proposed
Adult Trauma 30.08.05.03	C. A hospital shall be accredited by The Joint Commission.	C. A hospital shall be accredited by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland.
Burn 30.08.06.01	A. A Burn center shall: . . . (8) Have and maintain current accreditation by The Joint Commission . . . .	A. A Burn center shall: . . . (8) Have and maintain current accreditation by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland . . . .
Pediatric Trauma 30.08.08.02	B. The hospital shall: . . . (2) Be accredited by The Joint Commission . . . .	B. The hospital shall: . . . (2) Be accredited by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland . . . .
Neurotrauma 30.08.10.01	A neurotrauma center hospital shall: . . . D. Maintain current hospital accreditation by The Joint Commission.	A neurotrauma center hospital shall: . . . D. Maintain current hospital accreditation by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland.
Primary Stroke 30.08.11.01	A designated primary stroke center hospital shall: . . . B. Be a hospital accredited by The Joint Commission . . . .	A designated primary stroke center hospital shall: . . . B. Be a hospital accredited by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland . . . .

Service	Existing	Proposed
Perinatal/Neonatal 30.08.12.03	C. The hospital shall be accredited by The Joint Commission.	C. The hospital shall be accredited by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland.
Hand Trauma 30.08.14.02	A. A hand and upper extremity trauma center shall: . . . (2) Be accredited by The Joint Commission on Accreditation of Health Care Organizations with a designated hand surgery service . . . .	A. A hand and upper extremity trauma center shall: . . . (2) Be accredited by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland, with a designated hand surgery service . . . .
Stroke Ready 30.08.18.01	A designated acute stroke ready center shall: . . . B. If a hospital, be accredited by The Joint Commission . . . .	A designated acute stroke ready center shall: . . . B. If a hospital, be accredited by an organization that has been granted deeming authority by the Centers for Medicare and Medicaid Services and approved by the Maryland Department of Health to accredit hospitals in Maryland . . . .



