



Statewide EMS Benchmarks

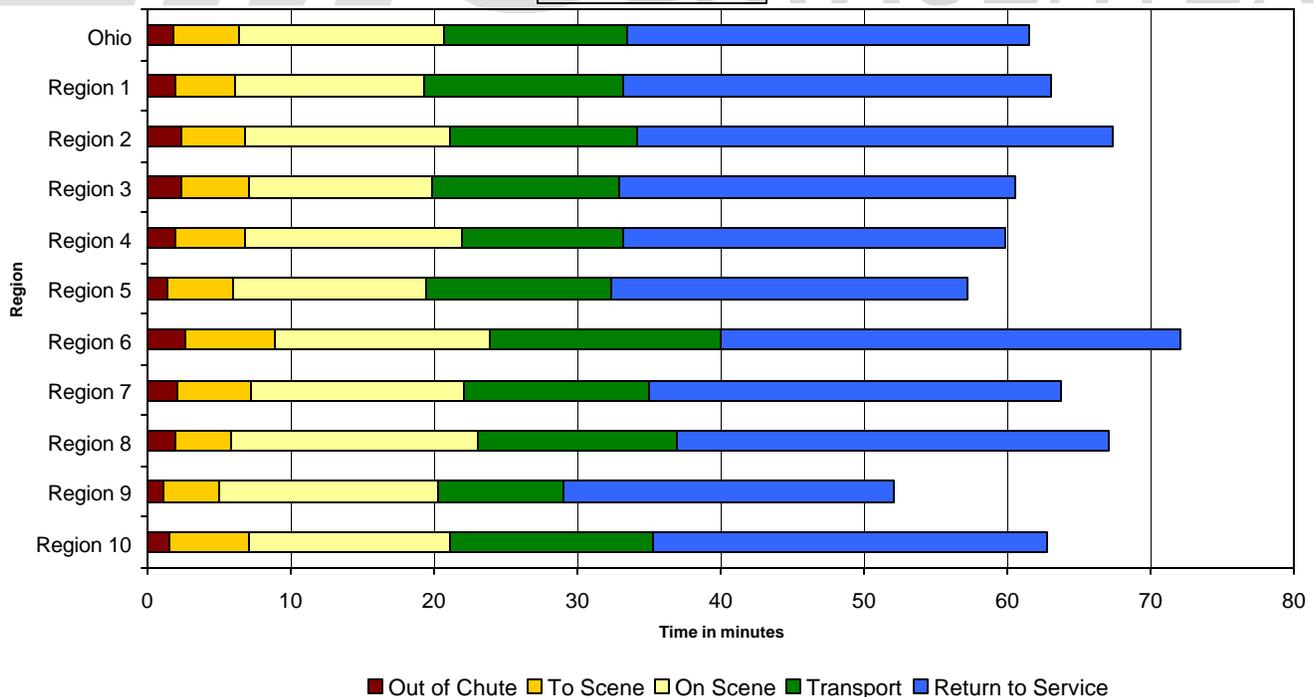
Calendar Year 2003

Average Elapsed Times (in minutes)						
	Out of Chute	To Scene	On Scene	Transport	Return to Service	Total Time
Ohio	1.8	4.6	14.3	12.7	28.1	61.6
Region 1	1.9	4.2	13.1	13.9	29.9	63.0
Region 2	2.4	4.4	14.3	13.0	33.3	67.3
Region 3	2.4	4.7	12.7	13.1	27.6	60.5
Region 4	1.9	4.9	15.1	11.3	26.6	61.6
Region 5	1.4	4.6	13.4	12.9	24.9	55.6
Region 6	2.6	6.2	15.0	16.1	32.1	68.8
Region 7	2.1	5.1	14.9	12.9	28.7	66.9
Region 8	1.9	3.9	17.2	13.9	30.1	65.9
Region 9	1.1	3.9	15.2	8.8	23.0	57.1
Region 10	1.5	5.6	14.0	14.1	27.5	57.4

Definitions for Elapsed Times

- Out of Chute Time* – Elapsed time from 'Time Unit Notified' to 'Time Unit Responding'
- To Scene Time* – Elapsed time from 'Time Unit Responding' to 'Time of Arrival at Scene'
- On Scene Time* – Elapsed time from 'Time of Arrival at Scene' to 'Time Unit Left Scene'
- Transport Time* – Elapsed time from 'Time Unit Left Scene' to 'Arrival at Destination'
- Return to Service Time* – Elapsed time from 'Arrival at Destination' to 'Time Back in Service'
- Total Time* – Elapsed time from 'Time Unit Notified' to 'Time Back in Service'

Elapsed Times Chart



Scene Time by Nature of Incident (in minutes)					
	Arrest	Cardiac	CVA	Pediatric	Respiratory
Ohio	14.2	15.9	16.3	13.9	15.0
Region 1	7.3	14.7	15.2	12.4	15.0
Region 2	16.7	14.9	15.7	13.8	13.6
Region 3	14.0	13.4	13.8	12.5	14.5
Region 4	15.0	17.4	17.1	14.5	13.1
Region 5	18.3	16.1	16.3	15.0	16.0
Region 6	16.5	14.8	16.3	13.7	15.1
Region 7	16.7	15.6	15.8	14.4	15.0
Region 8	18.8	18.0	17.8	17.1	15.0
Region 9	18.3	17.7	17.7	13.0	17.2
Region 10	16.6	14.9	15.3	14.6	14.4

How these categories are determined

Arrest – Patients with Provider Assessment codes 1801 through 1899
Cardiac – Patients with Provider Assessment codes 0301 through 0309
CVA – Patients with Provider Assessment codes 0401 or 0402
Pediatric – All patients less than 16 years old
Respiratory – Patients with Provider Assessment codes 1401 through 1414

IV Statistics					
	Number of Patients With IV Attempted	Number of Successful IVs	Unsuccessful Attempts	Avg. Attempts Per Patient	No IV
Ohio	203,056	180,797 (89.0%)	62,565	1.2	130 (0.06%)
Region 1	20,724	18,055 (87.1%)	2,669	1.2	28 (0.14%)
Region 2	24,033	21,429 (89.2%)	2,604	1.2	11 (0.05%)
Region 3	7,974	7,106 (89.1%)	868	1.3	5 (0.06%)
Region 4	15,964	14,454 (90.5%)	1,510	1.3	7 (0.04%)
Region 5	35,894	34,198 (95.3%)	1,696	1.2	21 (0.06%)
Region 6	16,475	16,145 (98.0%)	330	1.2	8 (0.05%)
Region 7	24,241	20,611 (85.0%)	3,630	1.2	11 (0.05%)
Region 8	13,050	11,106 (85.1%)	1,944	1.1	12 (0.09%)
Region 9	34,273	28,052 (81.8%)	6,221	1.1	25 (0.07%)
Region 10	10,428	9,641 (92.5%)	787	1.2	2 (0.02%)

Pediatric IV Statistics					
	Number of Patients With IV Attempted	Number of Successful IVs	Unsuccessful Attempts	Avg. Attempts Per Patient	No IV
Ohio	1,632	1,422 (87.1%)	594	1.2	210 (12.9%)
Region 1	114	95 (83.3%)	144	2.1	19 (16.7%)
Region 2	198	175 (88.4%)	50	1.1	23 (11.6%)
Region 3	117	97 (82.9%)	47	1.2	20 (17.1%)
Region 4	234	221 (94.4%)	70	1.2	13 (5.6%)
Region 5	316	288 (91.1%)	75	1.1	28 (8.9%)
Region 6	193	147 (76.2%)	64	1.1	46 (23.8%)
Region 7	174	148 (85.1%)	57	1.2	26 (14.9%)
Region 8	61	49 (80.3%)	23	1.2	12 (19.7%)
Region 9	147	141 (95.9%)	35	1.2	6 (4.1%)
Region 10	78	61 (78.2%)	29	1.2	17 (21.8%)

Oral ET (OET) Statistics

	Number of Patients With Oral ET Attempted	Number of Successful Intubations	Unsuccessful Attempts	Avg. Attempts Per Patient	No OET
Ohio	4,426	3,799 (85.8%)	1,941	1.3	627 (14.2%)
Region 1	628	519 (82.6%)	326	1.3	109 (17.4%)
Region 2	527	488 (92.6%)	307	1.5	39 (7.4%)
Region 3	248	208 (83.9%)	133	1.4	40 (16.1%)
Region 4	479	422 (88.1%)	212	1.3	57 (11.9%)
Region 5	652	597 (91.6%)	255	1.3	55 (8.4%)
Region 6	341	300 (88.0%)	129	1.3	41 (12.0%)
Region 7	471	328 (69.6%)	216	1.2	143 (30.4%)
Region 8	183	152 (83.1%)	88	1.3	31 (16.9%)
Region 9	616	546 (88.6%)	181	1.2	70 (11.4%)
Region 10	281	238 (84.7%)	94	1.2	43 (15.3%)

Pediatric Oral ET (OET) Statistics

	Number of Patients With Oral ET Attempted	Number of Successful Intubations	Unsuccessful Attempts	Avg. Attempt Per Patient	No OET
Ohio	67	54 (80.6%)	40	1.4	13 (19.4%)
Region 1	3	2 (66.7%)	3	1.7	1 (33.3%)
Region 2	4	3 (75.0%)	3	1.5	1 (25.0%)
Region 3	6	5 (83.3%)	5	1.7	1 (16.7%)
Region 4	15	12 (80.0%)	9	1.4	3 (20.0%)
Region 5	12	11 (91.7%)	3	1.2	1 (8.3%)
Region 6	11	6 (54.5%)	13	1.7	5 (45.5%)
Region 7	2	2 (100.0%)	0	1.0	0 (0.0%)
Region 8	0	0 (0.0%)	0	0.0	0 (0.0%)
Region 9	10	10 (100.0%)	2	1.2	0 (0.0%)
Region 10	4	3 (75.0%)	2	1.3	1 (25.0%)

Nasal ET (NET) Successes

	Number of Patients With Nasal ET Attempted	Number of Successful Intubations	Unsuccessful Attempts	Avg. Attempts Per Patient	No NET
Ohio	826	561 (67.9%)	383	1.1	251 (29.9%)
Region 1	71	54 (76.1%)	21	1.1	16 (22.2%)
Region 2	189	133 (70.4%)	91	1.2	52 (26.9%)
Region 3	16	10 (62.5%)	9	1.2	6 (37.5%)
Region 4	91	64 (70.3%)	37	1.1	27 (29.7%)
Region 5	232	174 (75.0%)	89	1.1	52 (21.8%)
Region 6	80	64 (80.0%)	25	1.1	13 (15.9%)
Region 7	36	18 (50.0%)	16	0.9	18 (50.0%)
Region 8	17	11 (64.7%)	19	1.8	6 (35.3%)
Region 9	71	13 (18.3%)	71	1.2	58 (81.7%)
Region 10	23	20 (87.0%)	6	1.2	3 (13.0%)

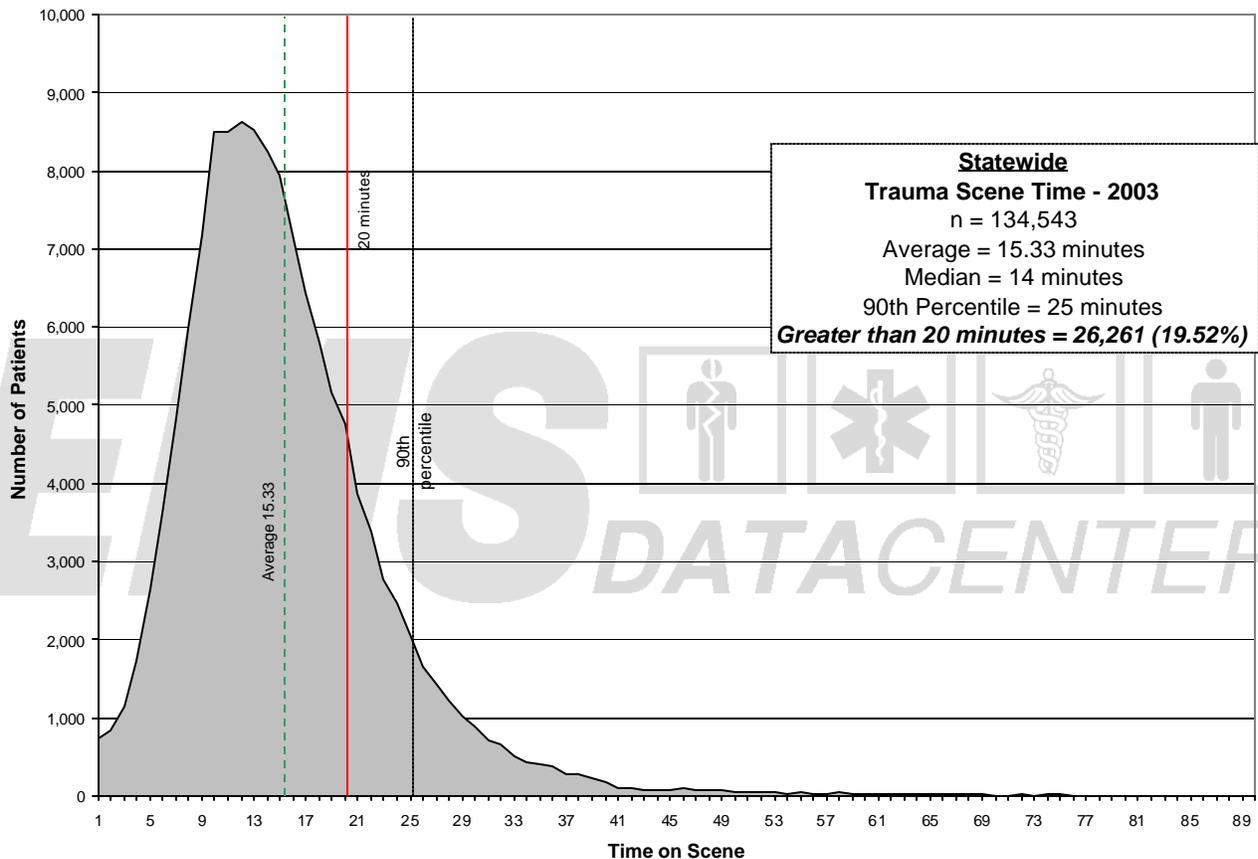
Oral ET Successes during Cardiac Arrest

	Number of Cardiac Arrest Patients With Oral ET Attempted	Number of Successful Intubations	Unsuccessful Attempts	Avg. Attempts Per Patient	No OET
Ohio	966	815 (84.4%)	365	1.2	151 (15.6%)
Region 1	151	134 (88.7%)	61	1.3	17 (11.3%)
Region 2	68	64 (94.1%)	13	1.1	4 (5.9%)
Region 3	52	45 (86.5%)	30	1.4	7 (13.5%)
Region 4	56	48 (85.7%)	35	1.5	8 (14.3%)
Region 5	150	141 (94.0%)	46	1.2	9 (6.0%)
Region 6	81	71 (87.7%)	25	1.2	10 (12.3%)
Region 7	125	73 (58.4%)	68	1.1	52 (41.6%)
Region 8	45	38 (84.4%)	26	1.4	7 (15.6%)
Region 9	183	153 (83.6%)	50	1.1	30 (16.4%)
Region 10	55	48 (87.3%)	10	1.1	7 (12.7%)





Trauma Scene Time Distribution Calendar Year 2003



Notes for all Trauma Scene Time distribution charts:

- All trauma scene times greater than 90 minutes were excluded from calculations.
- All incidents with prolonged extrication, unsafe scene, delayed/obstructed access, hazmat, or crowd control listed as a 'Factor Affecting Delivery of Care' were excluded from calculations.
- All incidents where either 'time of EMS arrival at scene' or 'time of departure from scene' is listed as unknown were excluded from calculations.

