



911 Response Data for Liberty County
Emergency Response Zone
5/1/2022 – 4/30/2023

Introduction

The information included in this document is EMS data from 911 Responses for the timeframe of May 1, 2022, through April 30, 2023, submitted to the Department for 911 requests in Liberty County.

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County Information:

- Liberty County, GA
- Population Estimate (Census as of 7/1/2022): 68,030
- Area: 603 mi²
- County Seat: Hinesville
- Largest city: Hinesville
- Cities: Allenhurst, Flemington, Gumbranch, Hinesville, Midway, Riceboro, Walthourville
- Hospitals present:
 - Liberty Regional Medical Center
- Military Installation: Fort Stewart (Not part of ERZ for Liberty County)

Filters for all data shown

NOTE: data is from GEMSIS Elite data present in Biospatial as of 5/9/2023 and represents ALL agencies reporting data for Liberty County.

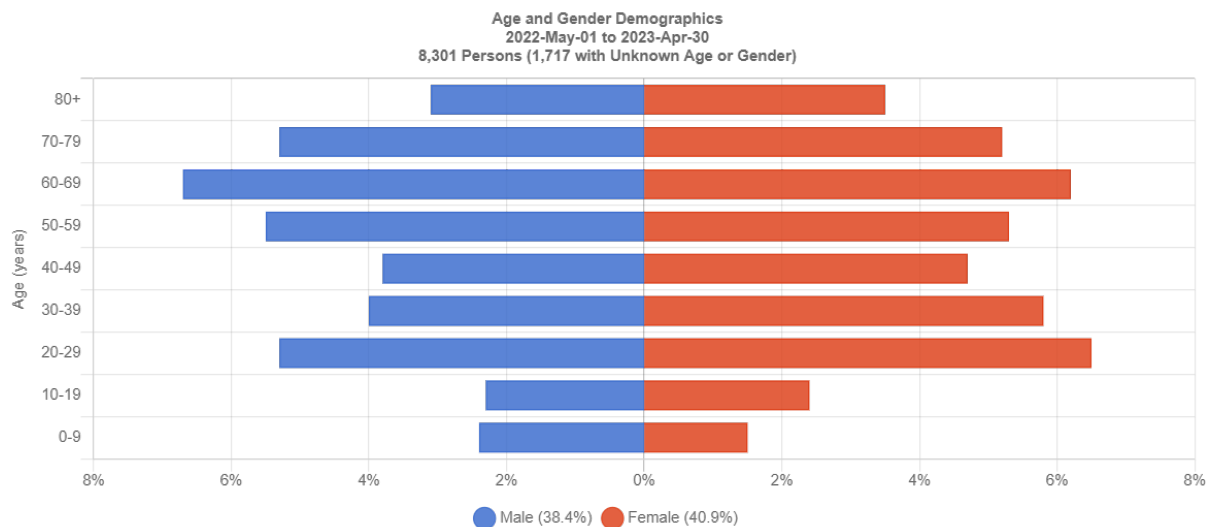
- Date Range: 5/1/2022 – 04/30/2023
- Type of Service Requested: 911 Response (Scene), Mutual Aid
- County/State: Liberty County, GA
- Unit Role: Ground Transport and Air Transport-Helicopter

Total Call Volume

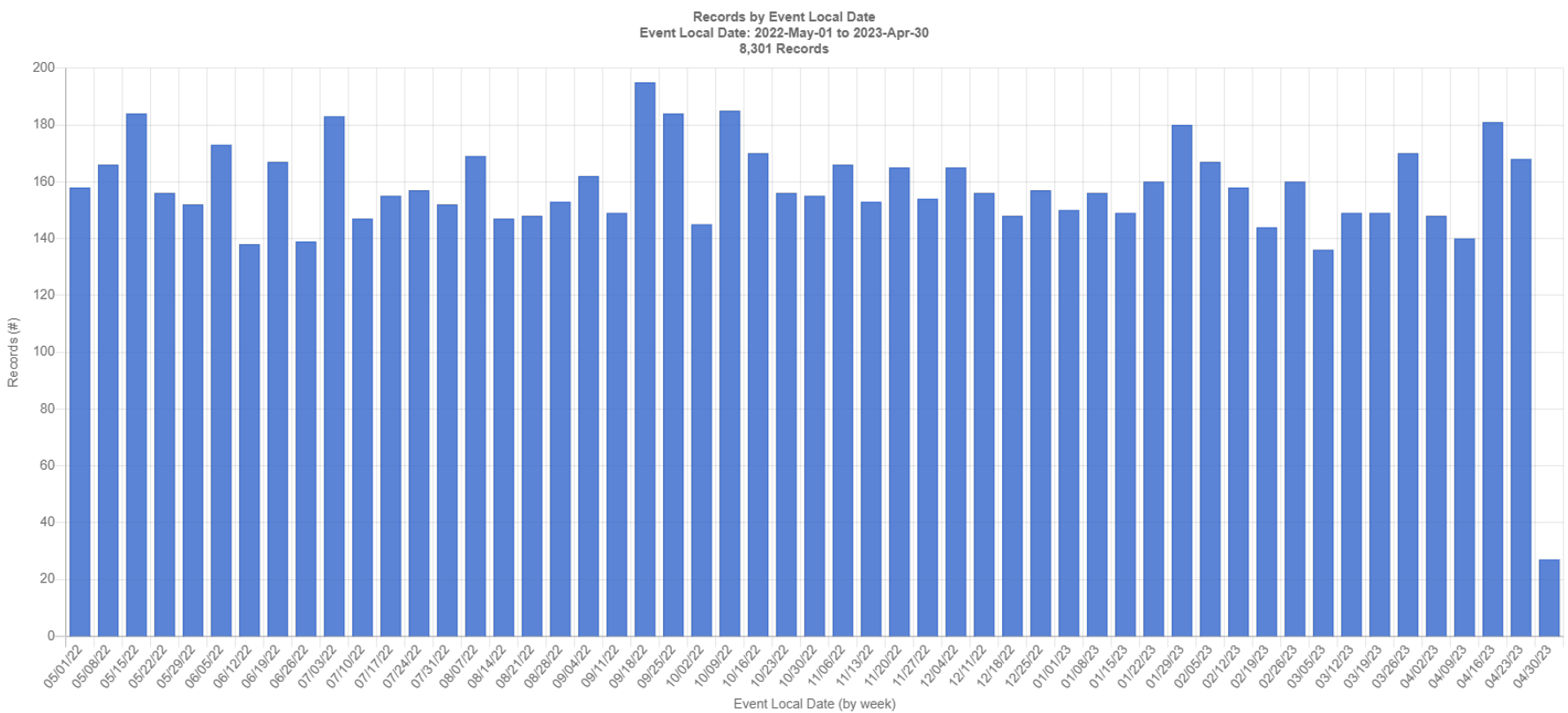
- Call Volume: 8,301
- Breakdown by Incident/Patient Disposition:

INCIDENT/PATIENT DISPOSITION	Count
Treated, Transported by this EMS Unit	4,325
Treated, Released (AMA)	1,337
Canceled on Scene (No Patient Found)	861
Refused Evaluation/Care, No Transport	707
Canceled (Prior to Arrival)	579
Canceled on Scene (No Patient Contact)	180
Standby - Support Provided	154
Dead at Scene, No RA, No Transport	85
Dead at Scene, RA, No Transport	24
Treated, Law Enforcement Transport	24
Treated, Transferred Care to Another EMS Unit	17
Refused Evaluation/Care, Transported	8
TOTAL	8,301

Call Demographics

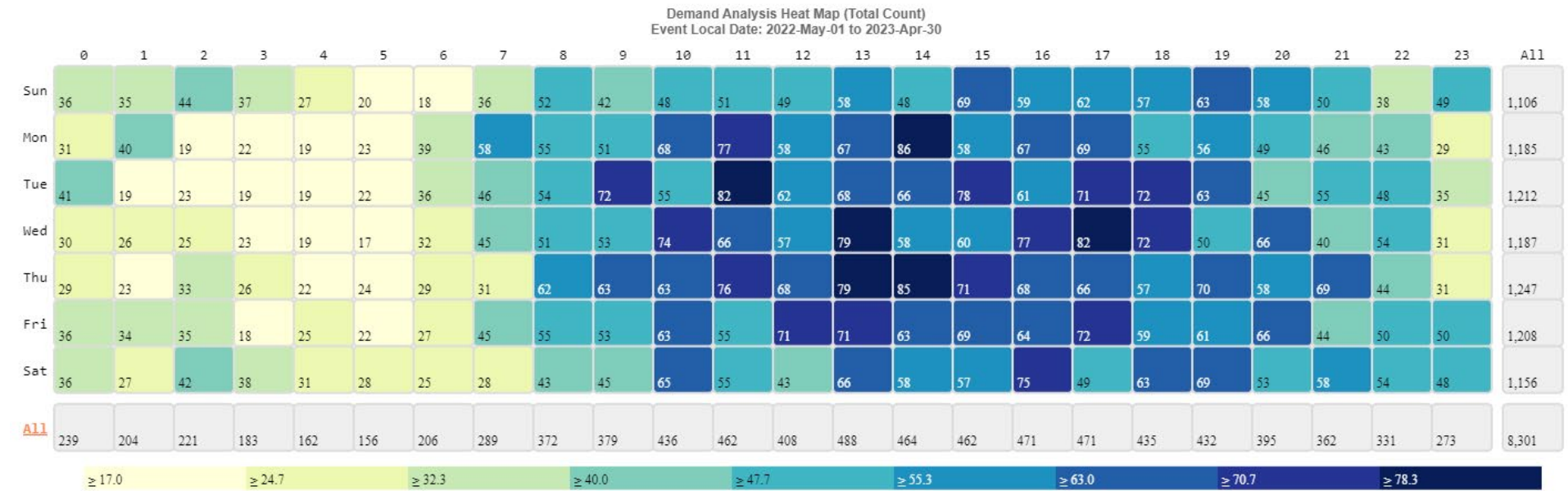


Calls by Week



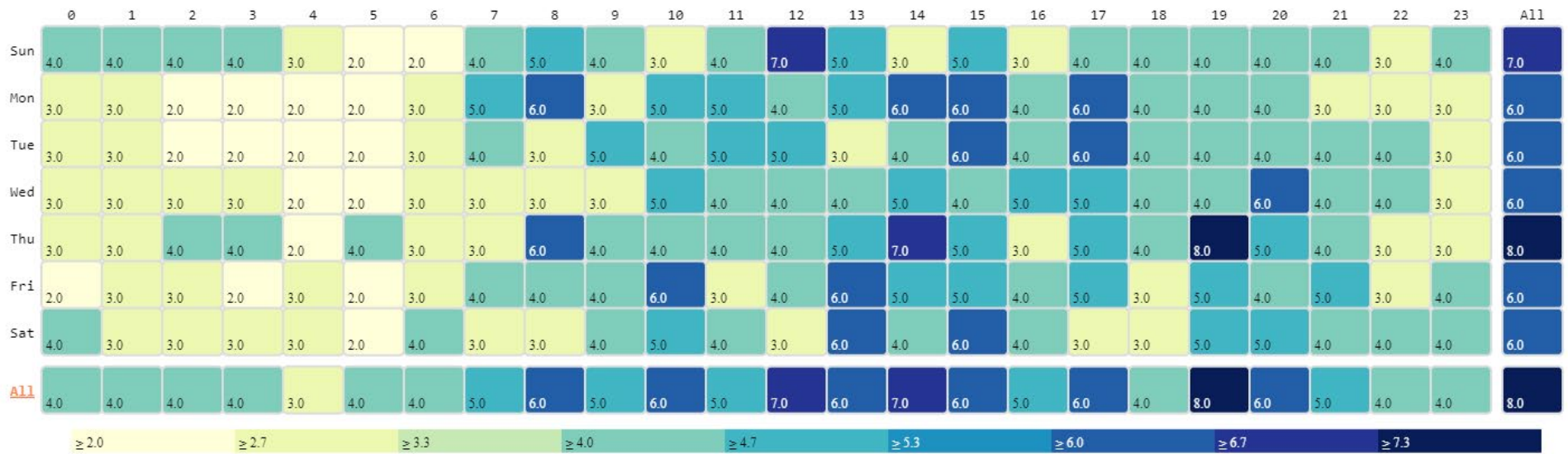
Demand Analysis (Calls by Hour of Day and Day of Week)

TOTAL



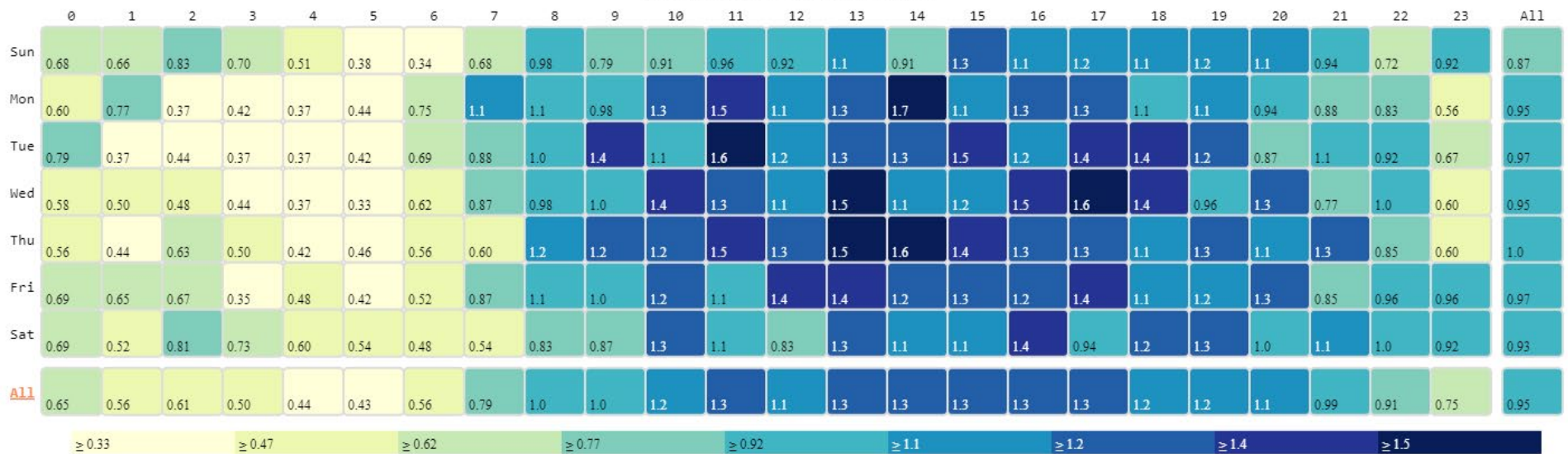
MAX PER HOUR

Demand Analysis Heat Map (Max)
Event Local Date: 2022-May-01 to 2023-Apr-30



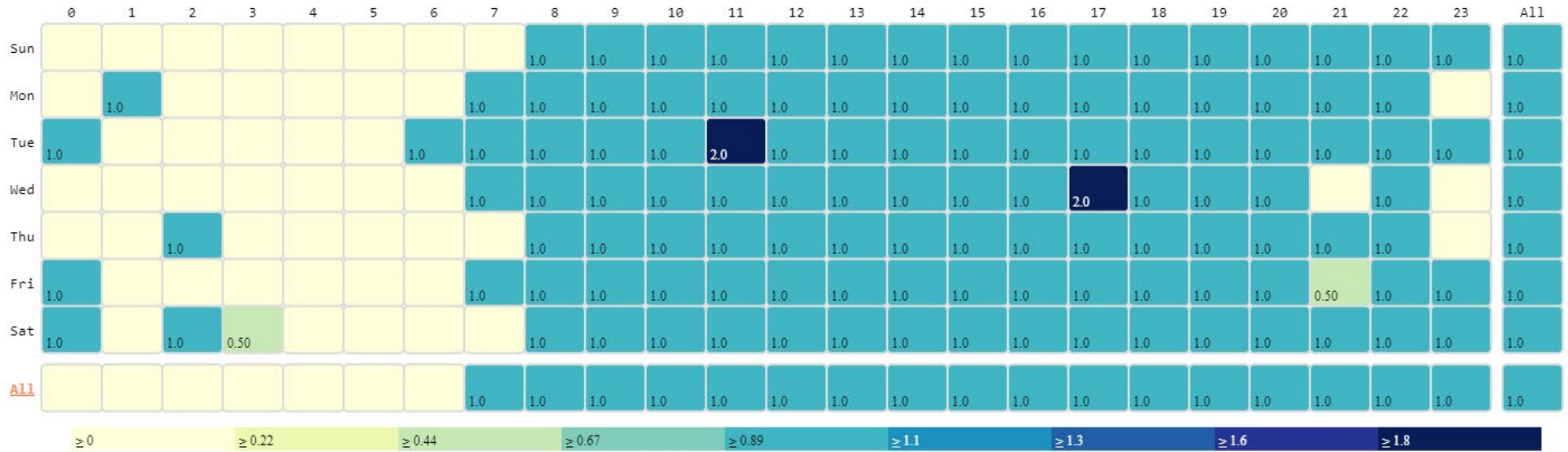
MEAN

Demand Analysis Heat Map (Mean)
Event Local Date: 2022-May-01 to 2023-Apr-30



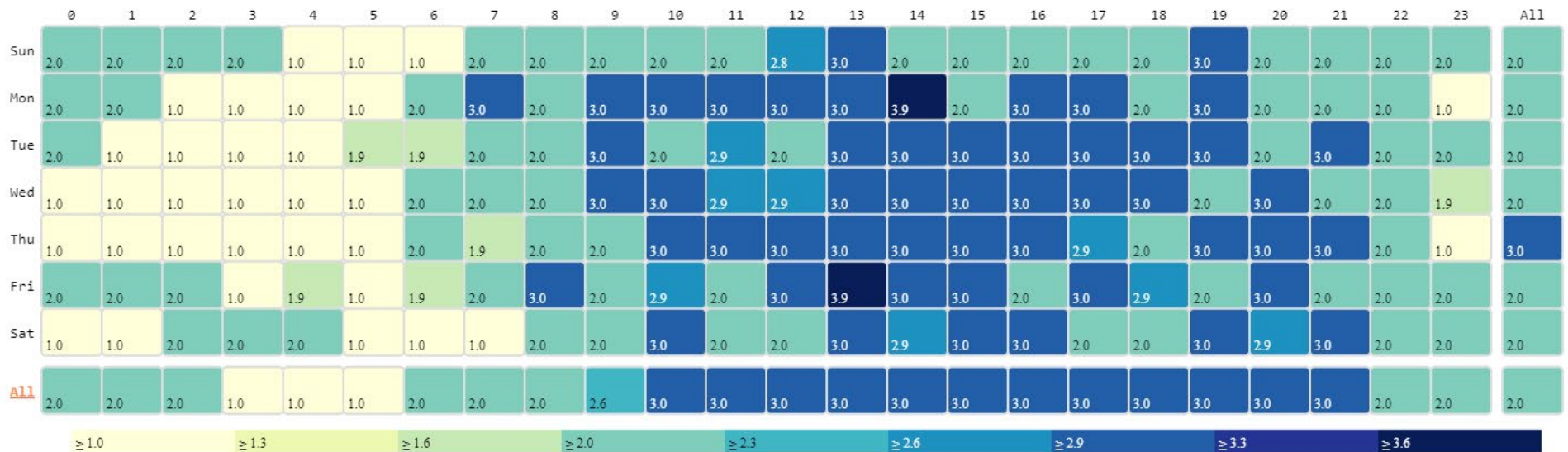
MEDIAN

Demand Analysis Heat Map (Median)
Event Local Date: 2022-May-01 to 2023-Apr-30



90TH PERCENTILE

Demand Analysis Heat Map (90th Percentile)
Event Local Date: 2022-May-01 to 2023-Apr-30



TRANSPORTS

Additional Filter for Transports Data

- Incident/Patient Disposition = *Treated and Transported by this EMS Unit & Dead at Scene, No RA, Transported*

Count by Destination Facility

DESTINATION FACILITY	COUNT
Liberty Regional Medical Center (GA)	2,787
St. Joseph's Hospital Savannah (GA)	564
Memorial Health University Medical Center (GA)	444
Winn Army Community Hospital (GA)	341
Wayne Memorial Hospital (GA)	66
Candler Hospital (GA)	46
East Georgia Regional Medical Center (GA)	11
HCA Florida Memorial Hospital (FL)	7
Southeast Georgia Health System Brunswick (GA)	5
Memorial Satilla Health (GA)	4
Doctors Hospital of Augusta (GA)	3
Eisenhower Army Medical Center (GA)	3
Ralph Johnson VA Medical Center (SC)	2
Memorial Health Meadows Hospital (GA)	2
Optim Medical Center Tattnall (GA)	2
St. Simons-by-the-Sea (GA)	2
Brooks Rehabilitation Hospital University Campus (FL)	1
South Georgia Medical Center (GA)	1
Emory Saint Joseph's Hospital of Atlanta (GA)	1
Lakeview Behavioral Health System (GA)	1
HCA Florida Mandarin FSER (FL)	1
Archbold Northside Center for Behavioral and Psychiatric Car (GA)	1
UF Health Jacksonville (FL)	1
Not Reported	29
TOTAL	4,325

Count by Primary Payment Method (ePayment.01)

PRIMARY PAYMENT METHOD (ePatient.01)	COUNT
Medicare	2,958
Medicaid	1,506
Self Pay	1,448
Insurance	1,292
Other Government	1,060
No Insurance Identified	302
Workers Compensation	30
Other Payment Option	24
Not Billed	2
Not Reported	28
TOTAL	8,650

TIMES

The following pages show the following time intervals as calculated in Biospatial:

- Unit En Route to Scene: is the difference in minutes between the unit en route time (eTimes.05) and the time of unit arrival on scene (eTimes.06).
- Scene to Destination: is the difference in minutes between the time the unit left the scene (eTimes.09) and the time of patient arrival at destination (eTimes.11).
- Time on Task: is the difference in minutes between the unit notified by dispatch time (eTimes.03) and the time of unit back in service (eTimes.13).

NOTE: Time intervals are calculated for ALL calls that include both times used to calculate the interval.

Unit En Route to Scene - MAX

Max Unit En Route to Scene Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	20.0	22.0	35.0	18.0	22.0	31.0	16.0	111	49.0	30.0	29.0	22.0	19.0	22.5	24.0	25.0	27.0	37.0	23.0	27.0	27.0	27.0	15.4	24.0	111
Mon	22.0	19.0	13.0	25.0	22.0	25.0	20.0	25.0	29.0	25.0	24.0	29.4	17.0	23.0	30.0	30.0	24.0	26.1	19.0	23.0	15.7	28.6	19.0	27.0	30.0
Tue	75.0	24.0	14.0	16.0	24.0	25.0	19.0	69.4	34.0	178	15.0	21.0	36.0	25.0	32.0	22.0	18.0	30.5	73.0	24.0	15.0	25.2	41.0	20.0	178
Wed	24.0	25.0	23.6	18.0	15.0	16.0	15.0	20.0	25.0	41.0	21.0	28.0	158	35.0	35.0	17.0	21.0	27.0	42.0	14.0	35.0	30.0	41.0	25.1	158
Thu	21.0	24.0	24.0	15.0	28.0	30.0	16.0	16.0	62.0	42.0	30.0	23.0	25.0	40.0	33.0	21.0	33.4	27.0	37.0	22.0	29.0	34.0	23.0	30.0	62.0
Fri	23.0	24.0	26.0	20.0	28.9	22.0	15.0	27.0	30.0	17.0	24.0	22.0	25.0	23.0	25.3	19.8	34.0	18.0	19.0	35.0	23.0	24.0	62.0	21.2	62.0
Sat	23.0	32.0	20.0	18.0	47.0	26.0	23.0	23.0	31.0	36.4	24.0	18.0	18.0	28.0	39.0	26.0	26.0	24.8	26.0	24.0	31.0	39.0	18.4	20.0	47.0
All	75.0	32.0	35.0	25.0	47.0	31.0	23.0	111	62.0	178	30.0	29.4	158	40.0	39.0	30.0	34.0	37.0	73.0	35.0	35.0	39.0	62.0	30.0	178
≥ 13.0 ≥ 31.3 ≥ 49.6 ≥ 67.9 ≥ 86.2 ≥ 105 ≥ 123 ≥ 141 ≥ 159																									

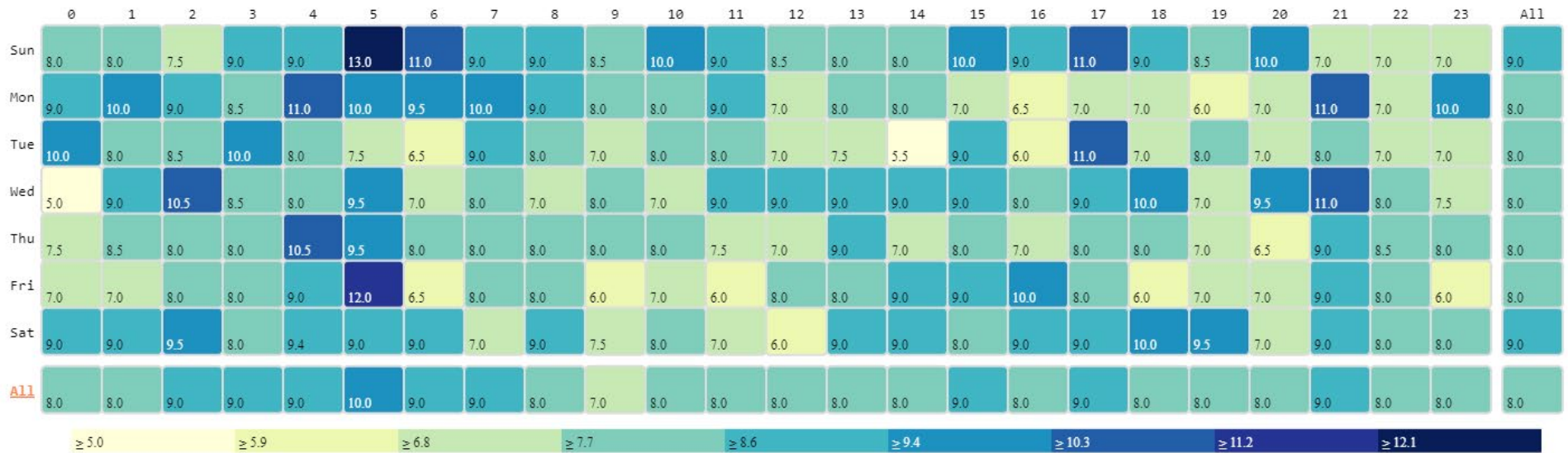
Unit En Route to Scene - MEAN

Mean Unit En Route to Scene Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All		
Sun	8.3	9.3	9.7	9.9	9.7	13.3	9.5	13.1	10.2	9.0	10.9	9.6	9.2	9.7	8.3	9.9	10.7	11.5	10.0	10.2	10.4	9.2	7.4	7.9	9.9		
Mon	10.9	9.8	8.0	9.4	11.3	10.7	10.1	10.3	9.4	8.6	9.6	10.0	7.5	8.5	8.7	8.3	8.6	8.3	8.3	8.3	7.7	10.9	8.5	11.3	9.1		
Tue	12.5	9.7	8.3	8.6	9.9	9.3	7.9	12.5	10.4	11.9	8.3	8.5	9.2	7.9	7.9	9.5	6.7	11.0	9.2	9.2	7.3	9.0	10.2	7.7	9.3		
Wed	7.2	9.5	11.9	9.1	8.6	9.4	7.7	8.5	8.9	9.7	8.1	10.2	12.3	11.0	10.5	9.3	8.1	9.9	10.5	7.2	10.5	11.0	10.4	9.1	9.6		
Thu	8.8	11.2	8.9	9.0	11.5	10.3	8.3	9.4	10.1	9.0	8.6	8.6	8.3	11.2	8.5	8.5	9.0	9.6	10.7	8.0	8.7	9.7	9.6	11.5	9.3		
Fri	7.8	8.8	8.8	9.0	9.8	10.9	7.6	9.3	8.8	6.7	8.1	7.2	8.9	8.6	9.8	9.2	10.6	8.5	7.4	8.0	8.9	9.9	10.9	7.3	8.7		
Sat	8.8	10.3	9.5	8.1	10.8	10.9	10.5	8.4	10.8	11.5	9.8	8.1	7.3	9.7	11.3	9.8	9.6	9.5	11.0	10.4	9.0	10.4	8.9	8.6	9.8		
All	9.3	9.7	9.3	9.0	10.3	10.8	8.8	10.3	9.8	9.5	9.0	8.9	9.0	9.6	9.2	9.2	9.1	9.7	9.6	8.8	9.1	9.9	9.6	8.9	9.4		
≥ 6.7 ≥ 7.4 ≥ 8.1 ≥ 8.9 ≥ 9.6 ≥ 10.3 ≥ 11.1 ≥ 11.8 ≥ 12.6																											

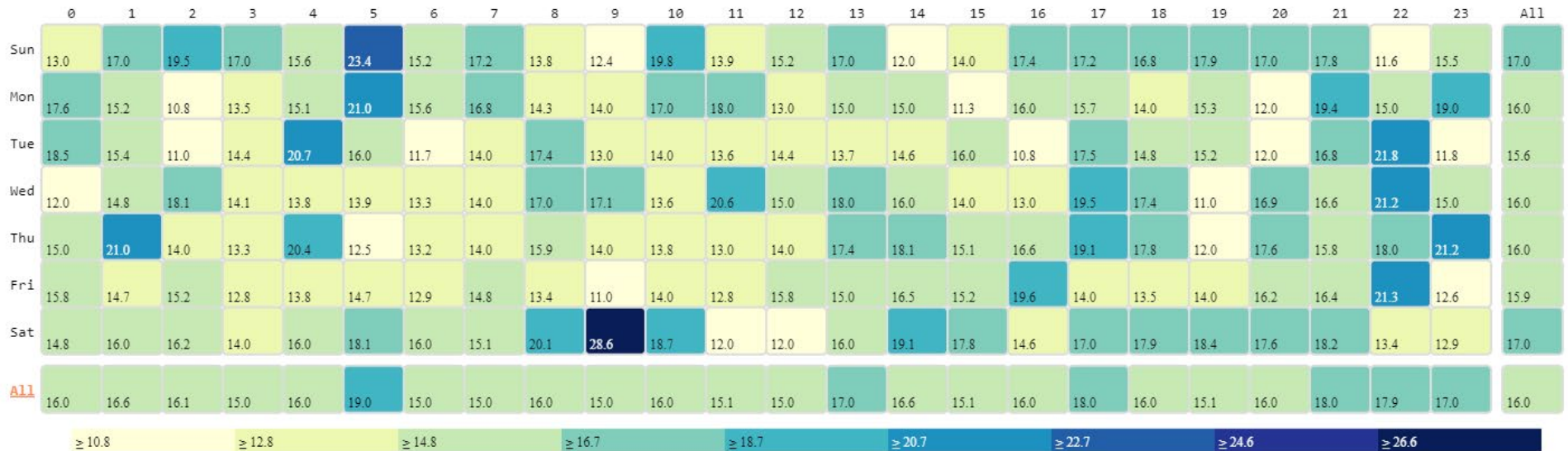
Unit En Route to Scene - MEDIAN

Median Unit En Route to Scene Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30



Unit En Route to Scene - 90th PERCENTILE

90th Percentile Unit En Route to Scene Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30



Scene to Destination – MAX

Max Scene to Destination Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	23.0	92.0	45.0	41.0	42.0	27.0	32.0	114	67.0	65.0	54.0	96.0	51.0	67.0	55.0	67.0	117	59.0	52.0	55.0	54.0	55.0	35.0	56.0	117
Mon	45.0	58.0	52.0	40.0	56.0	45.0	66.0	84.0	68.0	135	69.0	119	47.0	63.0	64.0	68.0	72.0	171	65.0	58.0	48.0	41.0	61.0	53.8	171
Tue	60.1	41.0	49.0	34.0	27.0	55.0	48.0	303	72.0	205	54.0	167	130	59.0	73.0	149	77.0	155	56.0	56.0	47.0	122	63.0	36.0	303
Wed	38.0	44.0	73.0	50.0	48.0	26.1	47.0	61.0	70.0	87.0	49.0	66.0	79.7	78.0	82.2	77.0	65.0	139	61.0	59.0	54.0	48.0	55.8	44.0	139
Thu	53.0	43.0	32.0	41.0	34.0	34.0	66.0	71.0	81.0	66.0	59.0	80.0	66.0	131	66.0	66.0	77.0	59.0	65.0	67.0	57.0	54.5	60.0	45.0	131
Fri	18.0	57.0	112	50.0	49.6	24.0	63.0	68.0	59.0	79.0	60.0	53.0	115	72.0	167	74.0	92.0	77.0	63.0	59.0	62.0	52.0	72.8	45.0	167
Sat	57.0	51.0	43.0	46.0	62.0	65.2	27.0	30.0	62.0	39.0	62.0	80.0	57.0	57.0	83.0	73.0	79.0	65.0	49.0	760	50.0	96.0	62.0	52.0	760
All	60.1	92.0	112	50.0	62.0	65.2	66.0	303	81.0	205	69.0	167	130	131	167	149	117	171	65.0	760	62.0	122	72.8	56.0	760
≥ 18.0 ≥ 100 ≥ 183 ≥ 265 ≥ 348 ≥ 430 ≥ 513 ≥ 595 ≥ 678																									

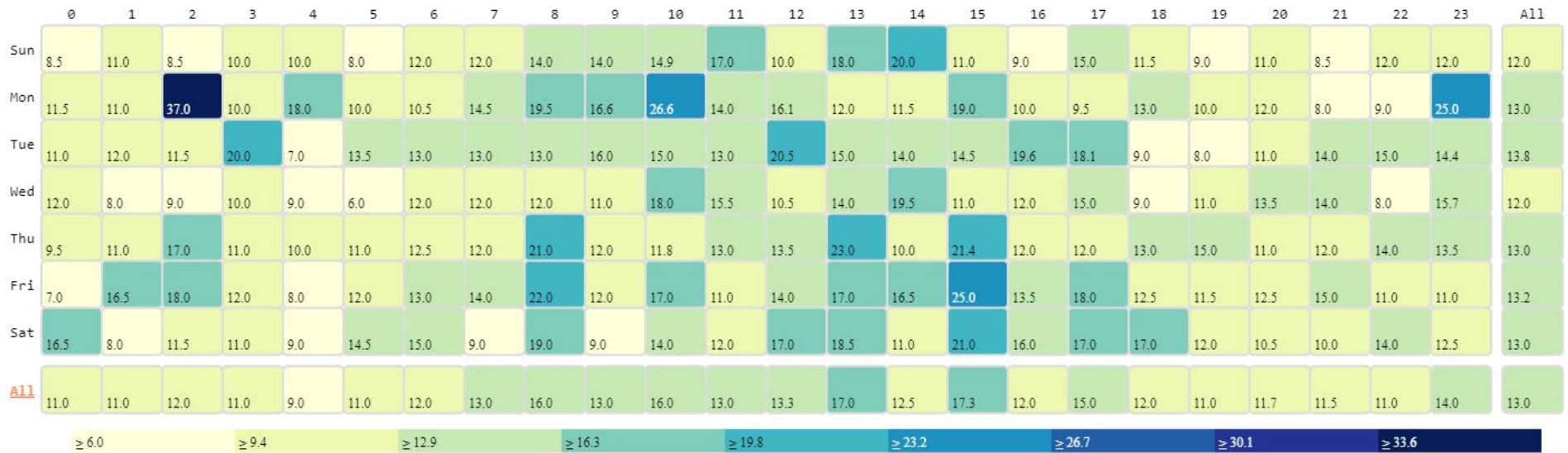
Scene to Destination – MEAN

Mean Scene to Destination Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	10.1	21.1	14.3	13.2	16.6	10.8	14.7	19.9	19.1	20.8	17.0	23.0	15.0	22.9	25.6	19.9	15.4	20.8	17.7	14.2	17.4	14.0	12.3	22.1	18.0
Mon	19.3	17.2	32.5	16.9	22.3	15.6	14.8	21.2	24.3	22.7	27.6	23.6	19.2	18.8	21.3	26.7	20.3	21.8	19.0	20.4	16.9	12.2	16.9	25.2	20.8
Tue	19.3	13.8	16.6	19.5	10.6	19.3	16.2	32.6	21.1	26.1	21.6	23.8	28.0	18.3	20.7	26.8	22.5	29.3	15.0	14.4	12.9	22.9	20.7	15.3	21.4
Wed	16.8	13.5	17.8	18.1	13.8	11.8	15.3	18.9	21.1	24.4	20.1	24.8	19.6	21.1	24.3	17.8	20.7	25.0	15.9	15.9	17.5	15.9	17.6	20.2	19.7
Thu	14.7	14.5	15.5	17.2	16.0	13.6	18.4	21.4	20.3	19.9	18.8	21.8	20.2	28.1	14.2	25.0	23.1	20.6	19.5	21.3	17.9	16.6	20.2	18.1	19.8
Fri	9.4	21.4	22.3	17.0	12.8	12.8	18.5	21.5	25.7	20.4	21.9	16.2	21.1	24.9	25.8	26.3	22.3	24.7	20.6	20.3	16.4	19.7	21.2	15.7	21.0
Sat	19.5	14.1	14.3	16.5	15.4	20.7	16.0	11.3	22.1	14.8	21.0	19.8	25.2	20.4	20.4	27.2	23.0	24.5	20.4	39.2	14.5	17.9	22.3	16.6	20.7
All	15.7	17.1	17.8	16.4	15.1	15.5	16.3	21.1	21.8	21.9	21.4	22.2	21.3	22.4	21.1	24.4	21.1	23.9	18.1	21.5	16.4	17.2	18.9	18.5	20.2
≥ 9.4 ≥ 12.7 ≥ 16.0 ≥ 19.3 ≥ 22.6 ≥ 25.9 ≥ 29.2 ≥ 32.5 ≥ 35.9																									

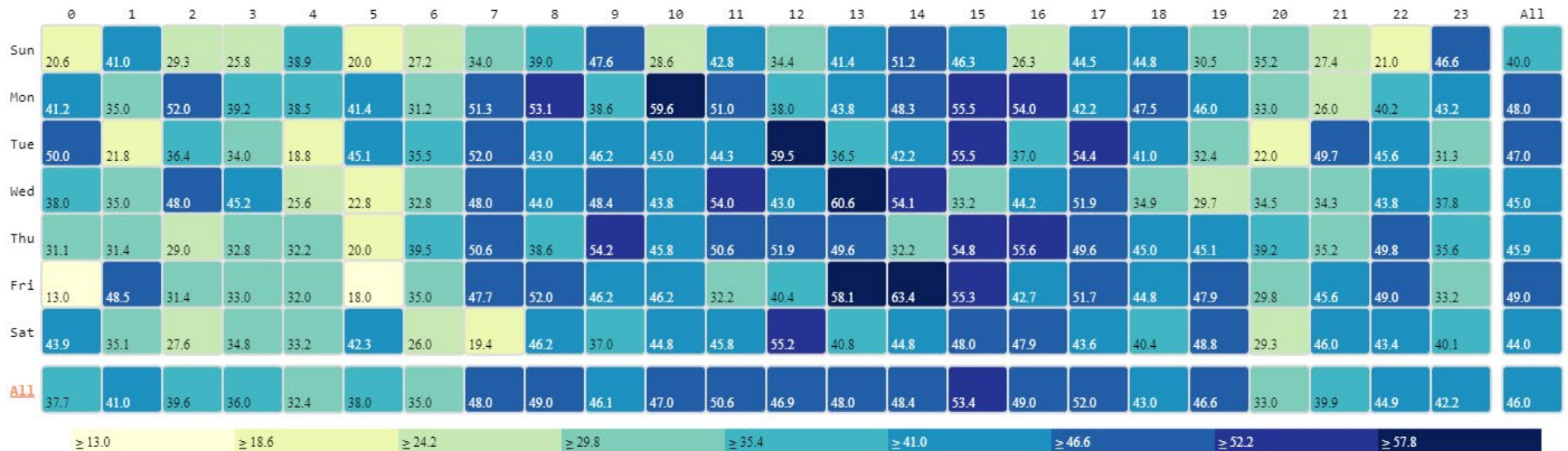
Scene to Destination – MEDIAN

Median Scene to Destination Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30



Scene to Destination - 90th PERCENTILE

90th Percentile Scene to Destination Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30



Time on Task – MAX

Max Unit Notified to Back in Service Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30

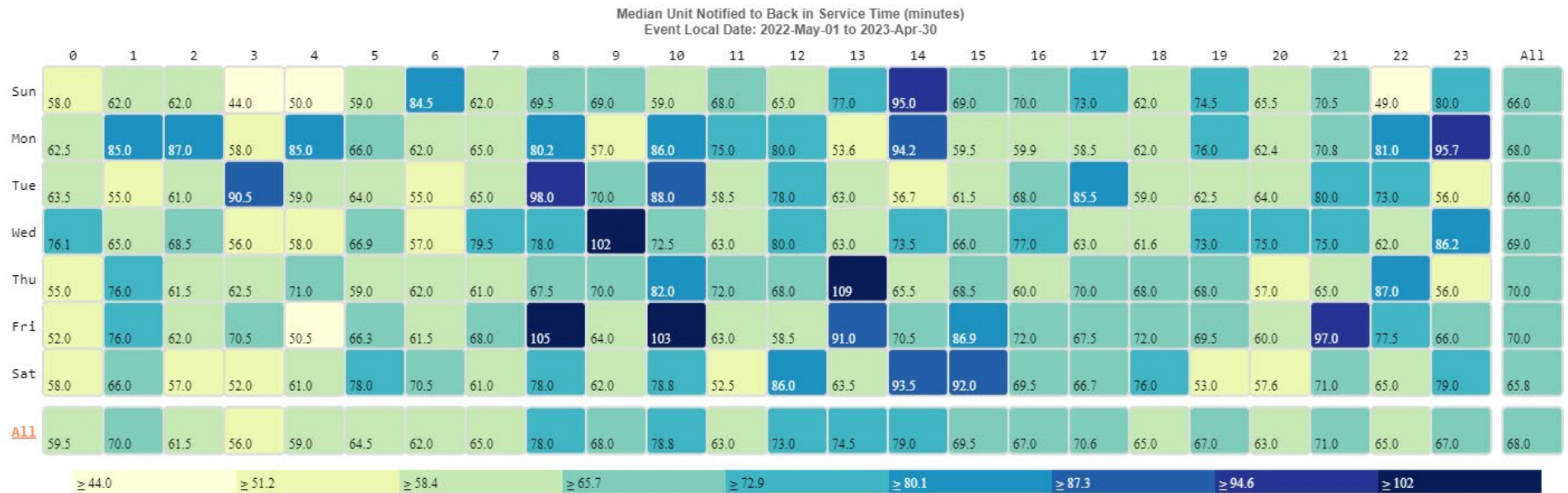
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	777	203	176	136	126	97.0	130	253	188	272	249	182	215	207	236	186	187	215	243	122	221	208	93.0	156	777
Mon	168	181	228	119	168	135	129	194	207	181	194	393	264	194	236	180	206	286	182	220	213	130	253	129	393
Tue	164	304	109	139	88.0	139	120	571	169	409	372	659	341	145	246	174	242	257	287	154	140	175	257	98.7	659
Wed	141	162	240	165	137	81.3	110	328	176	762	188	173	277	225	181	187	184	362	166	210	315	121	169	132	762
Thu	158	335	192	180	148	89.0	209	157	224	210	202	198	166	298	184	189	277	170	172	191	883	130	232	131	883
Fri	90.0	122	147	130	134	88.0	149	163	171	153	270	143	191	177	238	216	219	206	174	386	104	141	809	184	809
Sat	136	152	148	152	424	351	112	150	177	162	143	246	173	215	236	206	189	131	828	871	851	177	164	176	871
All	777	335	240	180	424	351	209	571	224	762	372	659	341	298	246	216	277	362	828	871	883	208	809	184	883
≥ 81.3 ≥ 170 ≥ 259 ≥ 349 ≥ 438 ≥ 527 ≥ 616 ≥ 705 ≥ 794																									

Time on Task – MEAN

Mean Unit Notified to Back in Service Time (minutes)
Event Local Date: 2022-May-01 to 2023-Apr-30

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	55.1	50.9	48.5	37.3	34.5	42.9	40.2	52.6	52.3	60.7	44.5	64.8	49.9	58.5	52.9	43.5	41.4	53.5	40.1	36.0	38.5	41.6	34.7	45.0	46.9
Mon	56.3	55.2	68.6	47.4	51.5	55.4	46.8	51.9	52.2	50.7	57.5	70.7	52.8	46.3	53.5	39.6	50.1	36.5	42.9	48.4	42.8	43.3	47.9	39.3	50.3
Tue	46.5	48.3	38.1	32.0	38.2	50.4	35.6	53.7	42.4	68.2	61.9	55.1	71.0	44.9	51.1	46.4	50.6	57.9	51.1	44.3	39.6	43.1	50.2	40.1	50.3
Wed	44.7	45.8	44.0	49.3	33.4	28.2	36.9	59.2	39.7	69.4	51.2	57.6	43.6	50.1	53.6	43.5	47.6	51.4	40.7	37.9	51.5	38.5	47.2	39.1	47.7
Thu	36.4	61.3	32.7	40.7	45.2	38.8	50.8	53.2	51.4	56.5	53.8	50.7	41.9	62.0	45.3	53.0	45.7	47.1	43.9	59.6	58.5	42.6	47.5	42.9	49.4
Fri	24.5	41.3	30.4	52.9	29.0	37.2	40.7	42.7	43.7	43.7	56.3	42.0	51.6	60.7	46.7	52.6	43.7	47.3	48.6	51.9	37.6	39.6	60.0	45.0	46.1
Sat	37.3	38.3	40.2	46.6	56.7	59.9	42.1	38.2	57.3	50.9	42.6	51.1	61.7	52.8	52.4	57.2	47.2	41.4	72.5	57.2	56.4	51.3	41.0	39.4	50.3
All	42.8	48.6	41.9	43.5	41.5	46.1	41.9	50.9	48.5	57.8	52.6	56.6	52.6	53.9	50.5	48.1	46.7	48.1	48.5	48.4	47.0	43.2	47.4	41.9	48.7
≥ 24.5 ≥ 29.8 ≥ 35.1 ≥ 40.5 ≥ 45.8 ≥ 51.2 ≥ 56.5 ≥ 61.8 ≥ 67.2																									

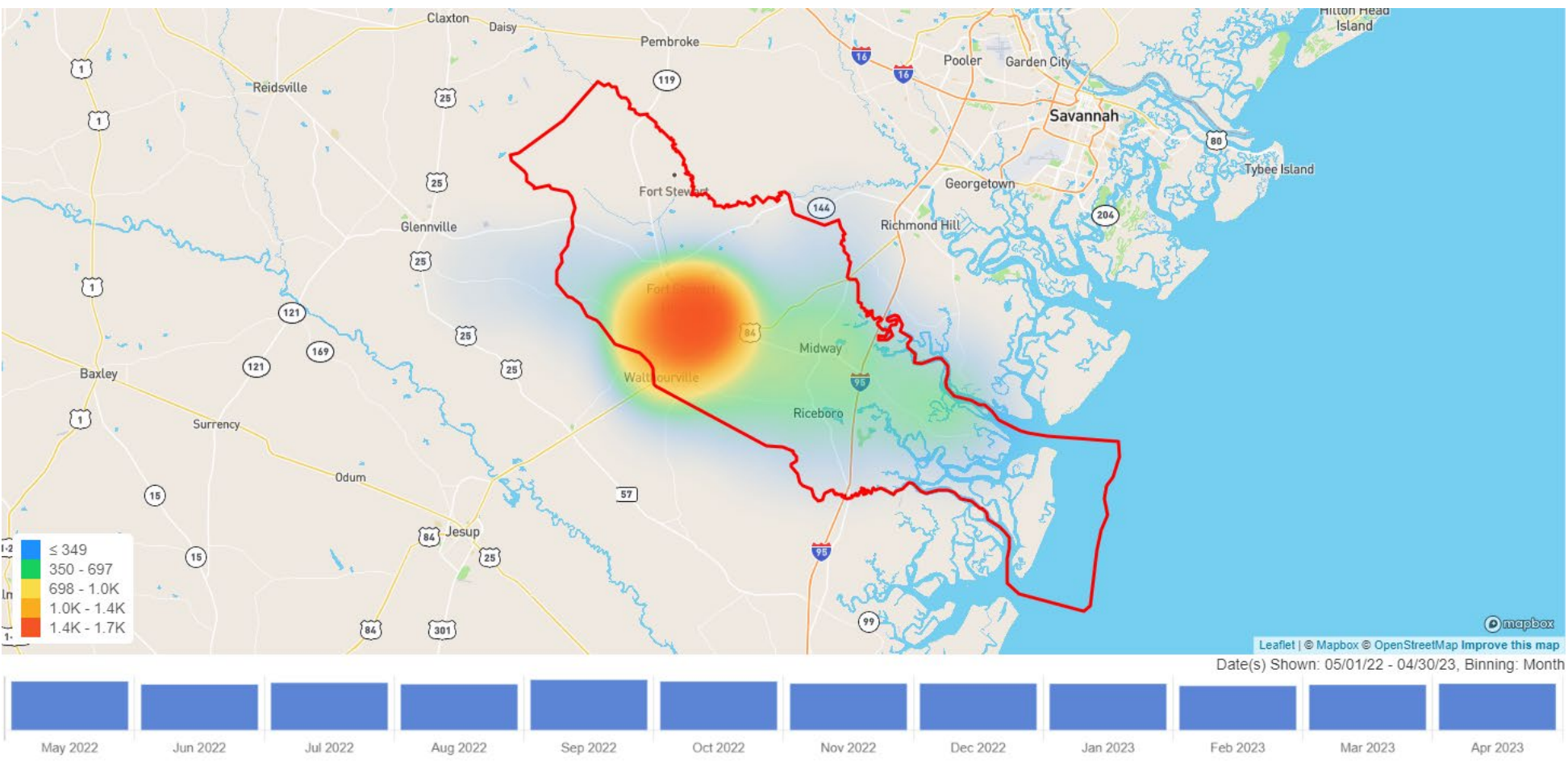
Time on Task – MEDIAN



Time on Task - 90th PERCENTILE



CALL LOCATIONS (ALL 911 Calls for Ground Ambulance)
HEAT MAP – LIBERTY COUNTY



GEOSPATIAL CLUSTER MAP – LIBERTY COUNTY

