

# Kent County EMS Consortium 1<sup>st</sup> Quarter 2019 Data

The report format below complies with the following reporting standards

1. Number of calls      2. Response priority      3. Transport priority

Reporting Period	Reporting Quarter and Year										
All Municipalities											
Response Priority	P-1	P-2	P-3	P-1 Staged	P-2 Staged	P-3 Staged	Upgrade P-1	Upgrade P-2	Fire Standby	Police Standby	Total
Total number of Requests	5354	2535	5801	182	253	822	152	36	78	5	15,218
Cancelled Prior to arrival	142	520	342	5	24	66	15	7	32	3	1,156
On scene no need	252	302	874	25	45	170	5	0	42	3	1,718
On scene treat no transport	456	213	620	16	21	51	6	1	1	0	1,385
Transport P-1	354	24	25	10	1	2	12	0	0	0	428
Transport P-2	1615	408	642	46	35	48	66	10	3	0	2,873
Transport P-3	2389	1012	3236	75	122	477	47	18	0	0	7,376
Mutual Aid	146	56	62	5	5	8	1	0	0	0	283

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4. Response Time Intervals Performance      5. Cases falling out of response time intervals

Zone	0 Min	1 Min	2 Min	3 Min	4 Min	5 Min	6 Min	7 Min	8 Min	9 Min	10 Min	11 Min	12 Min	13 Min	14 Min	15 Min	16 Min	17 Min	18 Min	19 Min	20 Min	21 Min	22 Min	23 Min	24 Min	25 Min	26 Min	27 Min	28 Min	29 Min	≥30 Min	Requested Exceptions	Total	Compliant	Average
Zone 1 Priority 1 8 minutes 59 seconds 90%	56	107	222	428	585	665	596	520	365	259	189	146	102	87	49	37	22	19	16	12	14	9	3	4	4	4	3	5	0	3	13	585	5129	81%	0:04:55
Zone 2 Priority 1 12 minutes 59 seconds 90%	6	5	11	18	30	53	62	57	38	38	33	13	10	7	4	2	5	3	1	2	2	1	0	1	0	0	0	0	1	1	0	33	437	93%	0:07:43
Zone 3 Priority 1 15 minutes 59 seconds 90%	0	0	0	1	0	1	4	8	5	8	9	8	5	5	3	4	4	1	1	3	0	2	1	0	1	0	1	0	0	0	1	9	85	82%	0:11:58
Zone 1 Priority 2 20 minutes 59 seconds 90%	26	32	59	84	106	148	175	166	175	173	148	130	99	71	79	58	56	43	33	29	22	15	19	4	12	7	5	5	6	4	22	66	2077	95%	0:09:35
Zone 2 Priority 2 20 minutes 59 seconds 90%	5	4	6	2	3	8	11	10	12	14	21	17	7	10	6	8	1	2	4	5	2	1	1	2	0	1	0	1	0	0	2	13	179	96%	0:12:50
Zone 3 Priority 2 20 minutes 59 seconds 90%	4	0	2	0	1	4	2	3	9	11	10	8	9	16	7	10	6	6	1	3	1	0	1	1	1	3	2	0	0	1	2	10	134	92%	0:12:50
Zone 1 Priority 3 20 minutes 59 seconds 90%	55	63	99	148	255	321	413	415	459	411	395	341	270	252	212	203	143	129	106	80	95	77	57	58	38	33	38	27	17	22	187	227	5646	95%	0:08:36
Zone 2 Priority 3 20 minutes 59 seconds 90%	7	4	10	10	13	26	20	26	38	47	47	23	28	23	12	21	14	12	3	9	4	9	3	7	1	1	1	1	1	0	11	13	445	97%	0:11:20
Zone 3 Priority 3 20 minutes 59 seconds 90%	2	0	1	0	0	0	2	4	6	8	3	10	6	3	0	1	4	3	2	1	3	3	1	2	0	1	0	0	0	0	3	1	70	96%	0:13:11

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**Exception Report Criteria**

511	Unusual System overload (125% over average demand of prior years actual run volume for that hour of day and day of week)
3	Mass Casualty with 4 or more patients
241	Weather with resonable effort to mitigate with advnaced weather warnings
0	Hospital on Divert w documentation showing impact of diversion
6	Access such as train block, following slower MFR unit, construction not previously known, with GPS mapping verification
102	EMS staged calls
94	Other good cause not described above (Includes upgrades from lower priorities & ALS already on scene needing second unit)
957	Total Exceptions needed with quarterly report

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**6. Cardiac arrests as part of the CARES data for the community.**

**Reported Annually with Q2 Report**

Number of cardiac arrest resuscitations attempted	533
Number of non-Tramatic arrests	504
Number of traumatic arrests	29
Number of unwitnessed arrests	253
Number of witnessed arrests	251
Total number admitted to hospital	153
Total number discharged from hospital	59
Total high level survival of arrests (CPC of 1 or 2)	56
Percentage of total patients transported to hospital	29%
Percentage of total patients discharged from the hospital	39%

Unwitnessed Arrest Data	
Number of unwitnessed arrests	253
Number admitted to hospital	46
Number discharged from hospital	11
High level of survival unwitnessed arrests (CPC of 1 or 2)	11
Percentage of total patients transported to hospital	18.2%
Percentage of total patients discharged from the hospital	23.9%
Percentage of patients discharged with good CPC	100.0%

Witnessed Arrest Data	
Number of witnessed arrests	251
Number admitted to hospital	97
Number discharged from hospital	48
High level of survival witnessed arrests (CPC of 1 or 2)	45
Percentage of total patients transported to hospital	38.6%
Percentage of total patients discharged from the hospital	49.5%
Percentage of patients discharged with good CPC	93.8%

Non-Traumatic Cardiac Arrest Data	
Kent County System average to discharge	11.7%
State of Michigan average to hospital discharge	8.4%
National average to hospital discharge	10.4%

Kent County EMS System average for good or moderate CPC	11.1%
State of Michigan average for good or moderate CPC	6.9%
National average for good or moderate CPC	8.2%

Witnessed Shockable Arrest Data	
Number of shockable witnessed arrests	72
Number admitted to hospital	47
Number discharged from hospital	27
High level of survival witnessed arrests (CPC of 1 or 2)	27
Percentage of total patients transported to hospital	65.3%
Percentage of total patients discharged from the hospital	57.4%
Percentage of patients discharged with good CPC	100.0%

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**7. STEMI's**

<b>STEMI (count)</b>	43
Scene time (avg minutes:seconds)	0:17:03
Time to EKG (avg minutes:seconds)	0:06:35
Overall/undercall rate	

**Critical Vehicle Failure Reported to KCEMS during the reporting period**

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