

Kent County EMS Consortium 3rd 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	4790	2207	5289	180	285	733	128	35	69	21	13,737
Cancelled Prior to arrival	158	433	402	7	23	63	17	11	36	0	1,150
On scene no need	282	285	773	21	56	150	6	2	31	19	1,625
On scene treat no transport	443	231	677	16	28	50	10	2	1	0	1,458
Transport P-1	292	19	20	13	2	2	19	0	0	2	369
Transport P-2	1300	404	450	32	38	35	49	11	0	0	2,319
Transport P-3	2393	951	2729	86	134	423	27	9	1	0	6,753
Mutual Aid	244	43	82	5	4	10	0	0	0	0	388

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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%	65	119	262	355	536	609	596	517	399	212	135	120	71	49	44	44	27	26	20	12	11	12	8	3	6	5	6	1	3	4	3	434	4280	86%	0:05:09	
Zone 2 Priority 1 12 minutes 59 seconds 90%	8	12	15	25	29	45	62	66	36	45	23	17	18	4	5	4	3	2	1	1	0	1	0	0	0	0	0	0	1	0	1	0	21	424	100%	0:06:45
Zone 3 Priority 1 15 minutes 59 seconds 90%	0	1	0	0	1	3	8	9	11	8	7	8	4	7	6	3	3	2	1	2	1	0	0	0	1	0	0	0	0	0	0	5	86	97%	0:10:06	
Zone 1 Priority 2 20 minutes 59 seconds 90%	25	31	51	68	104	134	147	160	179	148	136	126	108	80	79	65	57	45	34	23	29	18	13	14	9	10	10	8	6	5	38	42	2002	93%	0:07:40	
Zone 2 Priority 2 20 minutes 59 seconds 90%	2	1	0	3	4	4	15	12	15	14	10	11	9	6	5	4	2	1	1	2	1	0	0	1	0	2	0	0	0	0	3	12	140	96%	0:11:57	
Zone 3 Priority 2 20 minutes 59 seconds 90%	0	0	2	1	1	0	2	6	13	15	17	8	6	14	8	3	6	0	3	1	3	3	2	0	0	0	2	0	0	0	3	0	119	92%	0:11:57	
Zone 1 Priority 3 20 minutes 59 seconds 90%	93	35	90	114	191	236	258	300	340	348	321	284	227	214	269	245	155	112	104	104	80	76	68	50	50	49	33	36	39	31	211	245	5008	93%	0:09:59	
Zone 2 Priority 3 20 minutes 59 seconds 90%	9	12	9	10	23	36	19	25	41	44	32	40	33	19	19	16	15	6	8	5	9	8	7	3	1	5	1	1	2	1	3	14	476	98%	0:10:45	
Zone 3 Priority 3 20 minutes 59 seconds 90%	0	0	1	1	1	1	1	1	2	3	6	4	5	12	2	6	4	3	2	3	0	0	2	1	0	1	1	0	0	0	1	2	66	97%	0:13:24	

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Exception Report Criteria

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

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

KCEMS 2018 CARES Report

Number of cardiac arrest resuscitations attempted	533
Number of non-Traumatic 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%
Percentage of overall patient DC from WSA & CPC 1 or 2	37.5%
State of Michigan Percentage	29.9%

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7. STEMI's

STEMI (count)	44
Scene time (avg minutes:seconds)	0:18:00
Time to EKG (avg minutes:seconds)	0:06:56
Overcall/undercall rate	

Critical Vehicle Failure Reported to KCEMS during the reporting period

0

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