

Kent County EMS Consortium 2nd 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	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
Response Priority											
Total number of Requests	5206	2295	5956	207	257	785	148	37	48	18	14,957
Cancelled Prior to arrival	129	404	398	9	24	71	11	7	22	3	1,078
On scene no need	257	249	900	26	48	162	4	2	26	12	1,686
On scene treat no transport	451	241	696	21	30	46	8	2	0	2	1,497
Transport P-1	345	25	26	10	5	1	28	1	0	0	441
Transport P-2	1457	410	631	51	28	45	63	8	0	1	2,694
Transport P-3	2358	918	3209	81	119	453	34	17	0	0	7,189
Mutual Aid	209	48	96	9	3	7	0	0	0	0	372

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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%	54	116	256	437	530	605	612	498	376	241	196	138	94	76	52	52	35	24	15	10	7	6	3	8	2	3	4	3	1	2	6	419	4881	80%	0:04:12
Zone 2 Priority 1 12 minutes 59 seconds 90%	7	8	29	28	43	68	56	54	40	21	18	15	7	3	5	2	0	0	3	1	0	1	2	0	0	0	0	0	0	0	0	16	427	96%	0:06:42
Zone 3 Priority 1 15 minutes 59 seconds 90%	0	2	3	0	1	3	8	8	5	12	9	6	6	5	9	3	0	3	0	0	2	1	0	0	0	0	0	0	0	0	4	90	93%	0:09:59	
Zone 1 Priority 2 20 minutes 59 seconds 90%	30	22	49	77	87	114	162	159	166	142	126	125	114	89	86	57	53	41	46	29	19	19	13	13	16	6	5	7	5	2	13	45	1937	95%	0:07:36
Zone 2 Priority 2 20 minutes 59 seconds 90%	1	1	3	7	9	13	11	14	23	17	13	7	8	8	5	4	5	5	1	2	3	2	0	0	1	0	1	0	0	0	0	5	169	98%	0:12:07
Zone 3 Priority 2 20 minutes 59 seconds 90%	2	0	0	2	0	3	1	4	12	9	6	7	6	6	7	2	4	4	5	6	1	1	0	1	0	0	1	0	0	0	2	92	97%	0:12:07	
Zone 1 Priority 3 20 minutes 59 seconds 90%	98	67	95	166	268	290	385	378	423	367	349	326	287	281	223	173	201	147	141	112	92	103	72	63	46	44	36	39	33	23	248	219	5795	93%	0:09:39
Zone 2 Priority 3 20 minutes 59 seconds 90%	7	8	12	14	18	13	23	34	39	39	44	36	21	22	11	24	17	8	8	8	3	6	5	4	4	2	1	1	1	0	5	6	444	98%	0:10:57
Zone 3 Priority 3 20 minutes 59 seconds 90%	0	0	0	0	0	1	3	0	3	7	6	8	7	7	7	5	7	1	2	4	0	0	3	1	3	3	0	0	2	1	2	1	84	94%	0:14:45

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Exception Report Criteria

477	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
1	Weather with reasonable effort to mitigate with advanced weather warnings
0	Hospital on Divert w documentation showing impact of diversion
12	Access such as train block, following slower MFR unit, construction not previously known, with GPS mapping verification
125	EMS staged calls
97	Other good cause not described above (Includes upgrades from lower priorities & ALS already on scene needing second unit)
712	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-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%

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

<u>Unwitnessed Arrest Data</u>	
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%

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%

<u>Witnessed Arrest Data</u>	
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%

<u>Witnessed Shockable Arrest Data</u>	
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)	36
Scene time (avg minutes:seconds)	0:18:31
Time to EKG (avg minutes:seconds)	0:06:44
Overall/undercall rate	

Critical Vehicle Failure Reported to KCEMS during the reporting period

0
