

# Kent County EMS Consortium 4<sup>th</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	4790	2207	5289	171	257	725	139	42	49	19	13,688
Cancelled Prior to arrival	130	423	351	11	22	78	13	8	28	5	1,069
On scene no need	276	294	804	22	52	155	3	3	21	10	1,640
On scene treat no transport	424	222	614	13	16	38	10	4	0	4	1,345
Transport P-1	311	19	19	11	7	3	22	0	0	0	392
Transport P-2	1287	341	459	25	34	35	48	11	0	0	2,240
Transport P-3	2422	916	2897	82	118	405	43	16	0	0	6,899
Mutual Aid	220	53	77	7	8	11	0	0	0	0	376

The report format below complies with the following reporting standards

- 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%	74	111	235	430	566	659	540	488	389	196	112	115	63	49	30	36	37	21	12	7	6	8	6	4	4	3	0	1	3	2	11	450	4218	89%	0:05:34
Zone 2 Priority 1 12 minutes 59 seconds 90%	10	10	26	45	41	61	46	53	31	27	21	20	11	5	3	1	5	4	0	0	0	0	0	0	1	1	0	0	0	0	0	33	422	98%	0:06:43
Zone 3 Priority 1 15 minutes 59 seconds 90%	0	0	0	0	2	4	6	8	11	7	10	11	9	6	8	2	1	2	1	0	1	0	0	0	0	0	0	0	1	0	1	4	91	97%	0:10:41
Zone 1 Priority 2 20 minutes 59 seconds 90%	27	27	41	79	103	115	156	144	177	146	135	126	107	77	79	52	37	42	31	34	22	7	13	10	9	7	6	6	1	2	29	27	1874	95%	0:08:08
Zone 2 Priority 2 20 minutes 59 seconds 90%	4	3	2	7	4	10	9	9	23	10	14	11	14	8	5	2	2	7	5	3	1	1	1	0	0	0	0	0	0	1	0	5	161	98%	0:12:13
Zone 3 Priority 2 20 minutes 59 seconds 90%	0	0	0	1	0	2	5	4	4	10	3	14	6	6	7	1	2	4	1	1	2	0	0	1	1	0	1	0	0	0	2	3	81	94%	0:12:13
Zone 1 Priority 3 25 minutes 59 seconds 90%	92	63	95	148	187	268	298	345	369	349	320	304	281	221	180	157	136	112	120	89	74	81	58	54	33	42	28	26	20	20	207	233	5010	98%	0:08:30
Zone 2 Priority 3 25 minutes 59 seconds 90%	8	8	6	9	15	21	33	34	48	39	42	23	25	23	27	21	11	8	7	6	7	6	3	4	5	4	0	0	0	0	2	6	451	98%	0:10:46
Zone 3 Priority 3 25 minutes 59 seconds 90%	1	1	0	1	0	1	2	2	8	3	3	10	4	8	8	5	0	1	0	1	1	2	1	2	1	0	1	0	0	0	1	2	70	94%	0:12:34

# Kent County EMS Consortium 4<sup>th</sup> Quarter 2019 Data

## Exception Report Criteria



462
2
30
0
12
156
105
767

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

The report format below complies with the following reporting standards  
**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%

The report format below complies with the following reporting standards  
**7. STEMI's**

<b>STEMI (count)</b>	37
Scene time (avg minutes:seconds)	0:18:00
Time to EKG (avg minutes:seconds)	0:06:51
Overcall/undercall rate	

Critical Vehicle Failure Reported to KCEMS during the reporting period

2

