





Ottawa County Central Dispatch Authority



Annual Report 2019

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March 4, 2020

To: Citizens of Ottawa County

Citizens of the City of Holland residing in Allegan County (Served by the OCCDA)

OCCDA Policy Board Members

OCCDA Technical Advisory Committee Members

The calendar year 2019 was a year of progress, transition, and continued improvement for the Ottawa County Central Dispatch Authority (OCCDA). Longtime Executive Director Tim Smith retired in July of 2019 and I began as Executive Director in September of 2019. The 800MHz radio system project progressed with the addition of a new tower site in Georgetown Township to address coverage issues in the area. Although the tower was not completed in 2019, as of January 2020, the site is functional and the Ottawa County 800MHz system is now operational.

We installed a new administrative phone system as part of a planned update. The OCCDA continued work on a project connecting our facility with the Peninsula Fiber Network (PFN) that will eventually provide a fiber connection to all other PSAPs in the state of Michigan. We installed scheduled Computer Aided Dispatch (CAD) updates from our CAD vendor and continue to work on the officer log project, which is expected to be completed in 2020. The "ECHO" level protocol was implemented for medical dispatching resulting in a general broadcast being relayed on the proper fire or police dispatch channel when we receive a 911 call regarding a life threatening medical emergency. When the broadcast is made, any Ottawa County EMS licensed first responder in a municipality owned vehicle can respond to the call, regardless of jurisdiction.

Staffing in 2019 provided challenges as we operated at less than full staffing for the entire year. We have completed two recent hiring processes and we currently have two trainees nearing the end of their training. Recently, a new hiring process was implemented in an attempt to fill vacant positions. We currently have one of our two part-time positions filled. In 2019, OCCDA received authorization from the Policy Board to hire two additional full time employees above our authorized strength to prepare for any future attrition. I expect that we will be involved in hiring and training new employees throughout 2020.

We continue to utilize Smart 911 as well as RAVE for emergency alerts and text to 911 functionality. OCCDA employees have received numerous text "SmartSave" awards from RAVE related to processing emergency calls. OCCDA dispatchers also received a total of nine (9) 911 Lifesaver Awards and one (1) "Stork Award" for assisting with the birth of a child on a 911 call.

Calendar year 2020 will be busy and challenging with several projects on the agenda. Some of the major projects are:

New hardware and software installation for our CAD virtual environment

Installing a new data backup and recovery system

Installing a new emergency 911 phone system

Hardware upgrades to the Chester Township tower to improve Marne area coverage (Completed in January 2020)

Hiring and training new employees

Building maintenance and upgrades

Contract negotiations with the dispatcher group represented by POLC

Continue hardware upgrades to make our Grand Haven backup site functional

On behalf of all employees of the OCCDA I want to thank the citizens and public safety agencies in Ottawa County for their continued support. We are looking forward to continuing to provide exceptional service to our citizens and emergency services providers.

Sincerely,

Peter T. McWatters

Peter T. McWatters OCCDA Executive Director





**Peter McWatters** *Executive Director* 

OCCDA welcomed Peter McWatters as the new Executive Director September 19, 2019. Pete is a 28-year veteran of law enforcement. He served 25 years for the City of Grand Rapids Police Department overseeing the City's Support Services Unit, including 9-1-1 the last seven years. Pete stepped into his new role at OCCDA seamlessly by showing strong leadership skills, compassion, and taking action to improve dispatch and the community.



Tammy Smith
Deputy Director

Tammy Smith was promoted to Deputy Director in January of 2020. Tammy is the 1st Vice-President of the Michigan Chapter of the National Emergency Number Association (NENA). The last three years, she chaired the statewide 911 training conference for all of Michigan's Directors, Supervisors, and Dispatchers. Tammy has excelled as the Deputy Director by collaborating internally and externally with our police, fire, and EMS agencies.



#### **SLOGAN:**

"PROVIDING EXCELLENCE IN 9-1-1 COMMUNICATIONS"

### **MISSION STATEMENT:**

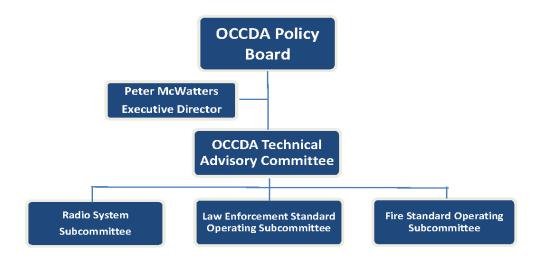
To serve as the communications link between the citizens, visitors, and public safety agencies of Ottawa County, by providing an effective method of accessing emergency services through professional and courteous public safety communication and dispatch services.



Ottawa County Central Dispatch Authority is committed to providing one point of contact for all emergency situations in Ottawa County. Central Dispatch is staffed 24 hours a day with Communication Specialists and Supervisors to ensure that calls are handled with urgency, and ensure the proper agency responds as quickly as possible. The staff is comprised of employees committed to serving the public during times of crisis, with courtesy and professionalism. Employees are trained and certified to provide pre-arrival first aid instructions over the phone as needed, until help arrives on the scene.

The Ottawa County Central Dispatch Authority provides emergency communication for all Police, Fire, and EMS agencies in Ottawa County. Funding is provided through a county wide millage. The current millage is 0.4400%, which was approved by the citizens of Ottawa County in August of 2008. The millage was a renewal of the original 1998 millage, and was approved for an additional 20 years and expires at the end of 2028. The millage ensures stable funding for operations of the Ottawa County Central Dispatch Authority.





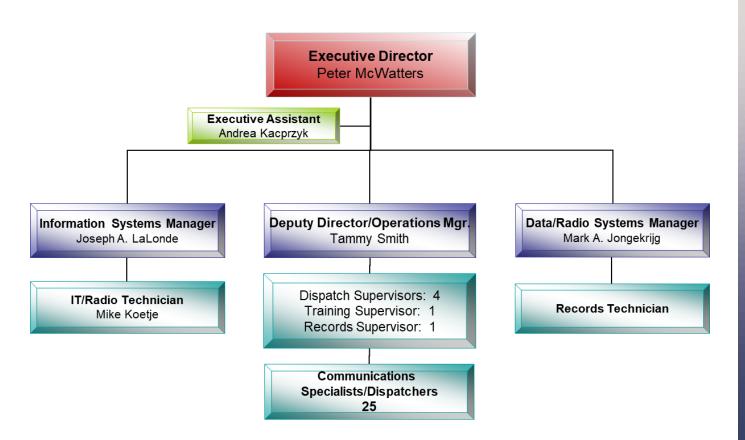
# Policy Board Members January 2019

Patrick McGinnis (Chairperson), Grand Haven City Manager
Alan Vanderberg (Vice-Chairperson), Ottawa County Administrator
James (Toby) Van Ess (Secretary), Tallmadge Township Supervisor
F/Lt. Chris McIntire, Post Commander Michigan State Police
Keith Van Beek, Holland City Manager
Tim Klunder, Zeeland City Manager
Randy Meppelink, Ottawa County Commissioner
Gordon Gallagher, Spring Lake Township Manager

## Technical Advisory Committee Members January 2019

Chief Brian Sipe (Chairperson), Spring Lake Township Fire Department
Chief Matthew Messer (Vice-Chair), Holland Department of Public Safety
Sheriff Steve Kempker, Ottawa County Sheriff's Office
Chief Jeffrey Hawke, Grand Haven Department of Public Safety
F/Lt. Chris McIntire, Post Commander Michigan State Police
Chief Tim Jungel, Zeeland Police Department
Director Brandon DeHaan, Grand Valley State University Police
Chief Jim Kohsel, Holland Township Fire Department
Nick Bonstell, Director of Emergency Management
Chief Kurt Gernaat, Blendon Township Fire Department
Aaron Schutt, Life Ambulance





OCCDA is currently at staffing levels of 25 Dispatchers and 5 Dispatch Supervisors. Staffing levels are being reviewed using historical data as a benchmark. Our goal is to become fully staffed in the upcoming year. Scheduling is based on trends, severe weather, and call volumes.



24 Full Time Dispatchers

1 Part Time Dispatcher

2 Dispatch Supervisor Phone/Radio Workstations 10 Complete Dispatch Phone/Radio Workstations 2 Phone Answering Only Workstations

Administration:

1 Executive Director

1 Deputy Director

1 Office Administrator

1 Information Systems Manager

1 Data/Radio Systems Manager

1 Records Supervisor

1 MSAG Records Technician



### Ottawa County Central Dispatch Authority

#### 2018 Telecommunicator of the Year Award

# **Katelyn Brower**

Each year, an employee that excels in all areas of communications, dispatching, and EMD skills is selected by supervisors and management for their outstanding performance. Dispatcher Katelyn Brower received this award in April of 2019

Katelyn is a positive role model. She volunteers at community events, is a Certified Training Officer, and teaches Computer Aided Dispatch. Her extensive knowledge of Ottawa County is an asset to responders and the community. She also received two 911 Lifesaver awards.



# 2019 Ottawa County Central Dispatch Length of Service Awards were presented to:

#### **20 Years of Service**

Joe LaLonde Mark Jongekrijg IT Manager Data/Radio Systems Manager





# 2019 Ottawa County Central Dispatch Length of Service Award was presented to:

5 Years of Service

Ryan Culver

Dispatcher





### 2019 Lifesaver Award

Lifesaver Awards are given to certified Emergency Medical Dispatchers (EMDs) who provide lifesaving instructions to callers before police, fire or ambulance services arrive on the scene.

Katelyn Brower
Andrea Kacprzyk
Kimberly DeWinter
Polly Hooker
Katie Coenen
Katelyn Brower
Tammy Huff
Shelby Haugen



#### **PEER SUPPORT**

OCCDA's Peer Support Team was established to be there for employees who have taken a difficult call or are having an issue in their personal life and need someone to talk to. The team is made up of six dispatchers and supervisors who have received training to support their peers through difficult situations. We have coordinated with Bob VandePol, the Executive Director of the Employee Assistance Program at Pine Rest to ensure that employees receive both peer support and professional counseling when necessary. The team does a great job communicating with the entire staff by sending monthly emails with suggestions for healthy living and wellness.

#### 2019 Stork Award

Mary Allman helped deliver a baby boy in Crockery Township in July. Mary utilized her EMD training to provide pre-arrival instructions to the father who delivered his baby in their vehicle. This is Mary's second Stork Award.



#### **2019 Rave Smart Save Awards**

The Rave Smart Save Award gives recognition to those who utilized Rave Smart 911 chat feature to communicate with citizens during emergencies and send them the necessary police, fire, or medical assistance.

Nikki Wentworth
Katie Coenen
Tammy Huff
Laurie Kelley
Kimberly DeWinter
Nicole Schaefer
Chris Karish
Ryan Culver
Austynn Sprague
Mary Allman
Morgan Cisler
Rachael Hausbeck
Shonda Walski



### **Dispatch Personnel Continuing Education**

Continuing education is at the forefront of a highly functioning dispatch center. Every employee who answers a 911 call is required to be up to date on their CPR certification through the American Heart Association. Our employees received almost 900 hours of SNC training. The State of Michigan requires every supervisor and dispatcher to have 24 hours of continuing education credits bi—annually. Our employees have far exceeded the minimum standard.

Along with our colleagues in the police, fire and EMS fields, several employees were involved in training such as Active Shooter, Event Training, and Community Awareness.



#### Communications Training Officer (CTO) Program

The dispatch center is manned with eleven CTOs. They attend a 40-hour training course in order to become certified. Our CTOs are trained to use positive and proactive training methodology. Through the guidance of the Training Supervisor and Deputy Director, they provide the vast majority of hands-on training and education for our newly hired staff. The CTOs learn to create a positive learning environment that contains strategies for success to help our trainees grow in their knowledge and skills. The training program is continually updated based upon continuous improvement and standards updates. This allows CTOs to serve as facilitators, guiding the trainees as they actively participate in their learning. The training program is based off the agencies operational guidelines and procedures.

### **Quality Assurance**

The Quality Assurance (QA) Program is a proactive approach to monitoring performance. Dispatch Supervisors conduct weekly QA assessments of team members to determine his or her performance. This provides important data to analyze and use for identifying performance trends, targeting training needs, measuring improvement and recognizing exceptional performers.

The Quality Assurance program is reviewed yearly to make adjustments as Standard Operating Guidelines, Policies, or as technology continue to change. The program has been useful in identifying areas needing improvement, as well as assisting new trainees in developing confidence and areas of focus.



#### **FOIA Requests:**

In 2019, Ottawa County Central Dispatch processed 956 Freedom of Information Act (FOIA) requests. A breakdown of those requests are as follows:

Fire Departments	ests
Fire Departments8 Reque	
Prosecuting Attorneys	ests
Private Attorneys83 Reque	ests
Private Citizens11 Reque	ests
News Agencies2 Reque	ests
Insurance Companies13 Reque	ests
Internal Requests9 Reque	ests
Other15 Reque	

Totals: Revenue.......\$2,056.37 956 Requests

#### **Community Events:**

Several staff members attended community events to help educate and share knowledge about 9-1-1 throughout 2019. Some of the events within the county we attend are Fire Prevention Open Houses, 4-H Fairs, County Fairs, Rotary meetings, Pancake breakfasts, Tulip Time and Coast Guard activities, Life Ambulance 911 camp, National Night out, NOCH babysitting classes and various other health and safety events at schools or businesses. Some of the focus is when to use the non-emergency number, 1-800-249-0911 for non life threatening situations, educating the public about our organizational structure and services such as Smart 911 and Text to 911.

### Public Education / Community Involvement:

In 2019, the Ottawa County Central Dispatch Center continued its tradition of community involvement by conducting education sessions for students beginning with 2nd graders through Criminal Justice classes at the high school level. Approximately 1,000 students were reached in 2019. Students were given information about 911, when to call 911, when to use the non-emergency number lines and what to expect when they do call 911. Training Supervisor Elvita Lewandowski makes the presentation to students interactive so they are able to learn and ask the questions they may have.



**Ottawa County Central Dispatch** 

# 2019 Public Education Events

DATE	EVENT NAME	LOCATION
3/12/2019	SkyWarn	Grandville Middle School
3/19/2019	School Presentation	West MI Academy of Arts
3/20/2019	Local Emergency Planning Committee	Ottawa Co. Sheriff's Office
4/20/2019	Blendon Twp Pancake	Blendon Twp FD
4/20/2019	Day of Young Child	Cityside Middle School
4/22/2019	Zeeland HS Mock Accident	Zeeland High School
5/4/2019	Kinderplaats	Civic Center South Lot
5/5/2019	Kinderplaats	Civic Center South Lot
18-May-19	Cakes, Wings and Things	Ottawa Executive Airport
5/18/2019	Coast Guard Boaters Safety	CG station
6/10/2019	Babysitting Class	NOCH
6/17/2019	Babysitting Class	NOCH
6/17/2019	Camp 911	Blendon Twp FD
6/25/2019	Camp 911	Hudsonville
6/25/2019	Shields Of Hope	On the Border- Holland
7/9/2019	Camp 911	Allendale FD
7/17/2019	Babysitting Class	NOCH
7/18/2019	Zeeland Pig Out	Lawrence Street Park
7/25/2019	Holland Jr Police Academy	HPD
8/6/2019	Holland Night Out	Kollen Park
8/7/2019	Auto Body Xperts	9389 Riley St, Holland
8/8/2019	Beaverdam CRC Comm Night	Beaverdam Church
8/14/2019	Babysitting class	NOCH
8/21/2019	Auto Body Xperts	3483 Highland Dr, Hudsonville
9/14/2019	Prepare Fair	Holland Walmart
9/16/2019	Jamestown Schools	Jamestown Lower Elementary
9/17/2019	Hudsonville Safety Open House	Hughes Park
9/19/2019	Spring Lake FD	Central Park in SL Village
9/19/2019	Robinson FD	Robinson Elementary
9/20/2019	Allendale Elementary	Allendale Elementary
9/28/2019	Olive Twp Pancake Breakfast	Olive Twp FD
10/3/2019	Georgetown FD open house	44th St Station
10/4/2019	37th Annual Fire Safety Event	Holland Civic Center
10/7/2019	Port Sheldon Fire Open House	16201 Port Sheldon St
10/8/2019	Grand Haven Fire Rescue	13250 168th Ave
10/12/2019	GHDPS Open House	GHDPS
10/14/2019	Ferrysburg Fire Open House	17411 N Shore Dr
10/18/2019	Living It Expo	Community room
10/21/2019	Culver's Trunk or Treat	520 Away Dr Grand Haven
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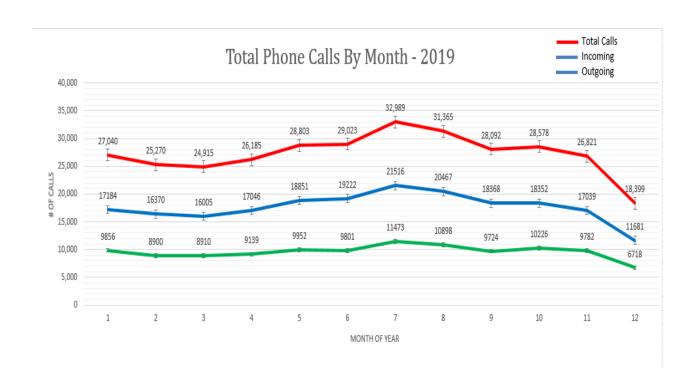
When one teaches, two learn - Robert A. Heinlein



### Ottawa County Central Dispatch Authority

Phone Call Statistic's by Trunk Group For Period of January 1, 2019 thru December 31, 2019

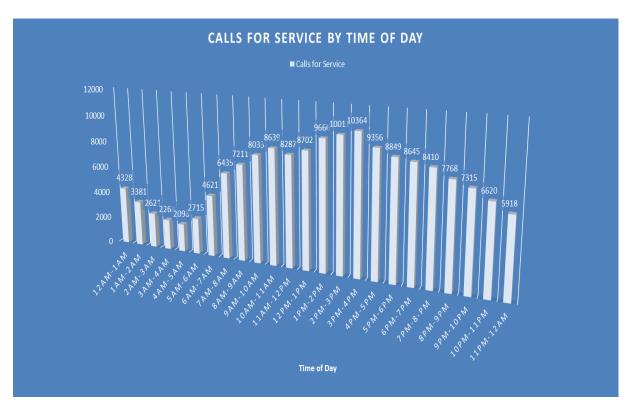
Trunk Line	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec	YTD Total
9-1-1 (AT & T)	7365	6922	6641	7194	7818	8369	9644	9176	8012	7831	7728	4908	91,608
9-1-1 (Frontier)	0	2	1	20	6	0	84	7	4	0	0	0	124
9-1-1 Wireless Phase 1	1965	1889	2044	2303	2588	2832	3478	3384	2669	2587	2355	1566	29,660
9-1-1 Wireless Phase 2	6509	5973	5667	6128	6897	7371	8723	8178	7067	7020	7044	4382	80,959
Voice over Internet Prot	388	363	400	376	393	397	410	355	417	432	383	290	4,604
Public	7681	7528	7353	7688	8663	8576	9361	8951	8267	8303	7230	5252	94,853
Private	297	261	221	247	235	255	234	237	209	206	229	164	2,795
Administrative	863	701	810	799	877	781	691	681	635	690	628	501	8,657
Pier	0	2	1	8	3	4	0	3	3	5	0	0	29
Cellular Phase Zero	8	7	10	6	3	2	2	1	0	1	0	0	40
911 Hang up(abandoned)	970	947	968	1084	1246	1235	1500	1411	1238	1316	1224	856	13,995
Total Incoming	17184	16370	16005	17046	18851	19222	21516	20467	18368	18352	17039	11681	212,101
Total Outgoing	9856	8900	8910	9139	9952	9801	11473	10898	9724	10226	9782	6718	115,379
Total Calls	27,040	25,270	24,915	26,185	28,803	29,023	32,989	31,365	28,092	28,578	26,821	18,399	327,480
*Already included in 9-1	-1 trunk tota	als											
Outdials Entry 911 system	8365	7425	7391	7537	8105	8068	9445	8965	7985	8393	8045	5440	95,164
Admin Outgoing Entry	521	528	551	518	601	498	528	522	501	517	513	422	6220
Hangup Call Backs	970	947	968	1,084	1,246	1,235	1,500	1411	1238	1316	1224	856	13,995

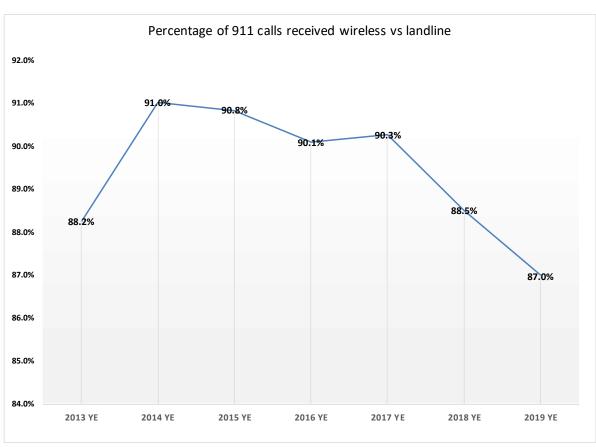


#### **PLEASE NOTE:**

The Phone Call Statistical Data reports are based on available data collected from different 9-1-1 phone system, as well as the administrative phone system. Data collection methodology in some categories was different between systems.







### Ottawa County Central Dispatch 2019 Dispatched Incidents by Venue

1 - Allendale	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTA
1 - Allendale													
. DI I	529	484	438	541	503	516	529	540	637	629	539	483	6368
2 - Blendon	117	113	119	107	120	112	165	123	96	139	138	133	1483
3 - Chester 9 - Coopersville	55 195	44 163	68 206	51 222	45 250	53 244	56 227	58 238	39 238	61 228	51 208	62 257	643 2670
4 - Crockery	200	235	155	240	285	238	193	204	159	196	186	210	250
0 - Ferrysburg	144	114	93	143	158	153	194	166	127	153	145	132	172
5 - Georgetown	971	820	849	880	973	915	997	919	1011	973	864	971	1114
6 - Grand Haven City	696	691	690	745	843	923	1,263	1,290	874	821	697	705	1023
6 - Grand Haven Twp	502	499	468	506	494	552	577	621	550	569	546	515	6399
0 - Grand Valley St	377	390	278	319	148	160	173	336	414	367	344	206	3512
0 - Holland City	1,662	1,530	1626	1,754	1,863	1,847	1,994	2,030	1,815	2067	1,675	1535	2139
7 - Holland Twp	1,657	1,460	1457	1,527	1,716	1,657	1,817	1,748	1,616	1652	1,555	1521	1938
6 - Hudsonville 8 - Jamestown	284	273	255	264	281	258	294	331	310	267 202	278 193	325 197	3420
9 - Olive Twp	250 243	157 238	161 252	206 229	188 203	188 214	219 253	235 260	176 261	230	234	232	2372 2849
0 - Park	284	245	242	311	343	374	451	328	322	313	281	279	377
1 - Polkton	152	107	137	118	146	137	166	111	87	116	141	88	1500
2 - Port Sheldon	87	156	135	126	113	121	155	139	92	130	109	116	1479
3 - Robinson	159	160	168	175	164	155	185	158	168	150	169	140	195°
4 - Spring Lake Twp	329	350	308	404	325	334	433	408	390	343	360	376	4360
7 - Spring Lake Vill	132	110	116	135	162	222	161	139	168	157	122	130	1754
5 - Tallmadge	313	251	235	255	242	254	312	226	260	258	281	247	3134
6 - Wright Twp	211	195	160	163	152	186	160	149	115	148	125	143	1907
8 - Zeeland City	206	210	217	212	213	256	252	248	222	278	250	255	2819
7 - Zeeland Twp	374	257	262	314 11	283 9	260	344	290 9	289 11	277	327	330 17	360
9 - Out of County	7	11	11			6	20			20	22		154
OTAL	10136	9263	9106	9958	10222	10335	11590	11304	10447	10744	9840	9605	1225
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ТОТА
- Allendale ! - Blendon	94 22	85 21	80 29	110 18	91 26	108 17	87 27	87 23	120 20	102 21	100 27	91 30	1155 281
- Blendon - Chester	18	15	14	18 9	11	17	11	13	9	13	13	17	153
- Cnester - Coopersville	43	34	38	45	40	47	46	49	45	39	46	41	513
- Crockery	28	50	21	34	27	24	25	27	16	25	33	28	338
- Ferrysburg	16	9	13	27	22	13	20	17	23	14	16	13	203
- Georgetown	64	62	58	76	74	76	81	56	61	63	58	57	786
- Grand Haven City	132	137	134	136	147	139	208	161	139	170	140	135	1778
- Grand Haven Twp	114	119	101	110	101	101	112	119	113	108	116	107	1321
- Grand Valley St	18	14	24	10	2	12	5	12	22	16	13	3	151
- Holland City	290	291	325	323	333	329	334	346	308	369	292	331	3871
- Holland Twp	91	70	56	68	65	79	96	86	72	61	83	72	899
6 - Hudsonville	51	47	41	44	44	27	49	47	55	43	53	60	561
3 - Jamestown 9 - Olive Twp	43 23	19 25	30 25	42 32	36 21	27 26	45 26	30 36	31 29	38 21	41 26	33 22	415 312
) - Park	20	29	17	15	24	18	46	27	25	25	27	23	296
- Polkton	24	13	14	5	23	16	32	17	12	20	14	7	197
! - Port Sheldon	14	38	19	18	16	20	29	18	10	15	26	15	238
3 - Robinson	30	36	30	37	25	20	21	20	31	27	34	29	340
- Spring Lake Twp	68	78	69	88	62	65	90	92	64	61	84	84	905
- Spring Lake Vill	16	23	18	29	31	48	24	19	23	23	26	29	309
- Tallmadge	78	58	51	81	47	49	76	35	63	56	60	55	709
- Wright Twp	33	45	35	23	24	36	20	30	15	26	20	22	329
- Zeeland City	58	48	52	43	54	62	65	57	49	59	63	65	675
- Zeeland Twp - Out of County	65 3	45 2	36 6	50 4	39 7	37 1	53 13	38 6	43 3	33 8	52 10	60 5	551 68
OTAL	1456	1413	1336	1477	1392	1407	16/1	1469	1401	1456	1472	1434	1735
TAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ТОТА
- Allendale	435	400	358	431	412	408	442	453	518	527	439	392	521
- Blendon	95	92	90	89	94	95	138	100	76	118	111	103	120
- Chester	37	29	54	42	34	43	45	45	30	48	38	45	490
- Coopersville	152	129	168	177	210	197	181	189	193	189	162	216	216
- Crockery	172	185	134	206	258	214	168	177	143	171	153	182	216
- Ferrysburg	128	105	80	116	136	140	174	149	104	139	129	119	151
- Georgetown	908	758	791	805	900	839	916	863	950	910	806	914	1036
- Grand Haven City	564	554	556	609	696	784	1,055	1,129	735	651	558	570	846
<ul><li>Grand Haven Twp</li><li>Grand Valley St</li></ul>	388 359	380 376	367 254	396 309	393 146	451 148	465 168	502 324	437 392	462 351	430 331	408 203	507 336
- Holland City	1,372	1,239	1,301	1,431	1,531	1,518	1,660	1,684	1,507	1698	1,383	1204	175
- Holland Twp	1,566	1,390	1,401	1,451	1,651	1,578	1,721	1,662	1,544	1591	1,472	1449	184
- Hudsonville	233	226	214	220	237	231	245	284	255	224	225	265	285
- Jamestown	207	138	131	164	152	161	174	205	145	164	152	164	195
- Olive Twp	220	213	227	197	182	188	227	224	232	209	208	210	253
- Park	264	216	225	296	319	356	405	301	297	288	254	256	347
- Polkton	128	94	123	113	123	121	134	94	75	96	127	81	130
- Port Sheldon	73	118	116	108	97	101	126	121	82	115	83	101	124
- Robinson	129	124	138	138	139	135	164	138	137	123	135	111	161
	261	272	239	317	263	269	343	316	326	282	276	292	345
- Spring Lake Twp	116	87	98	106	133	174	137	120	145	134	96	101	144
- Spring Lake Twp - Spring Lake Vill	235 178	193 150	184 125	174 140	195 128	205 150	236 140	191 119	197 100	202 122	221 105	192 121	242 157
- Spring Lake Twp - Spring Lake Vill - Tallmadge		100	123			194	187	191	173	219	187	190	214
- Spring Lake Twp - Spring Lake Vill - Tallmadge - Wright Twp		162	165	169	159								
- Spring Lake Twp - Spring Lake Vill - Tallmadge - Wright Twp - Zeeland City - Zeeland Twp	148 309	162 212	165 226	169 264	159 244	223	291	252	246	244	275	270	305
- Spring Lake Twp - Spring Lake Vill - Tallmadge - Wright Twp - Zeeland City	148												

















