



TUSCOLA COUNTY

Committee of the Whole

MEETING AGENDA

Monday, April 10, 2023 – 8:00 AM

H.H. Purdy Building Board Room, 125 W. Lincoln
St., Caro, MI 48723

Public may participate in the meeting electronically:
Join by phone: (US) +1 929-276-1248 PIN:112 203 398#
Join by Hangouts Meeting ID: meet.google.com/mih-jntr-jya

8:00 AM Call to Order - Chairperson Vaughan
Roll Call - Clerk Fetting

Page

County Updates

None

New Business

1. 2023 Tuscola County Equalization Report - Angie Daniels, Equalization Director
[2023 Tuscola County Equalization Report](#) 4 - 26
2. 2022 Annual Report and Equipment Request - Larry Zapfe, Mosquito Abatement Director
[2022 Mosquito Abatement Annual Report and 2023 Program Plan](#)
[Mosquito Abatement Request](#) 27 - 60
3. Michigan State University Extension (MSUe) Update - Jerry Johnson, District 10 Director
4. Authority Board Review - Jon Ramirez, Dispatch Director
[By-Laws](#)
[By-Laws-DRAFT II](#)
[mcl-484-1320 \(1\)](#) 61 - 77
5. 2022 Dispatch Annual Report - Jon Ramirez, Dispatch Director
[2022 Tuscola County Central Dispatch Annual Report](#) 78 - 109
6. Central Dispatch Firewall Upgrade - Jon Ramirez, Dispatch Director 110 - 116

[NetSource One Viper Firewall Upgrade Quote](#)

7. Travel-Meal Policy Review for Potential Revision - Renee Francisco, Financial Coordinator 117 - 124
[Travel-Meal Policy 02-14-2017](#)
[travel-meal policy-with possible revisions](#)
[Rates](#)

Old Business

1. Jail Health Proposal from Advanced Correctional Health Care - Lt. Brian Harris, Jail Administrator

Finance/Technology

Committee Leader **Commissioner Young** and Commissioner Koch

Primary Finance/Technology

1. Wind Escrow Updates - Clayette Zechmeister, Controller/Administrator 125
[2023 Wind Escrows](#)
2. 2023 Budget Adjustments for Overtime and Per Diems - Clayette Zechmeister, Controller/Administrator 126
[April 2023 Proposed Budget Amendments](#)
3. March 2023 Financial Report - Deborah Babich, Fiscal Personnel Analyst 127 - 134
[Tuscola County Financial Report March 2023](#)

On-Going and Other Finance

On-Going and Other Technology

Building and Grounds

Committee Leader **Commissioner Koch** and Commissioner Lutz

Primary Building and Grounds

1. Bids for the Health Department Rooftop Heating, Ventilation, and Air Conditioning (HVAC) Replacements - Mike Miller, Director of Building and Grounds
2. Bids for the Jail Mini-Split Heating, Ventilation, and Air Conditioning (HVAC) for the Report Room and Conference Room - Mike Miller, Director of Building and Grounds

On-Going and Other Building and Grounds

Personnel

Committee Leader **Commissioner Bardwell** and Commissioner Vaughan

Primary Personnel

1. Promotion of Rachel Chaney Ruiz from Part-time Account Clerk II to the Vacant Full-Time Account Clerk III - Marianne Brandt, Tuscola County Register of Deeds
[Register of Deeds Part-Time Clerk II Promotion](#) 135
2. Promotion of Grace Mosher to Chief Deputy Register of Deeds - Marianne Brandt, Register of Deeds

On-Going and Other Personnel

Other Business as Necessary

1. SAFEbuilt Meet and Greet Reminder - Today from 11:00 a.m. - 2:00 p.m.
[SAFEbuilt Meet and Greet](#) 136

Public Comment Period

Adjournment



Image: Tuscola County Structures Over Aerial Imagery

Tuscola County Equalization Report

2023

(Preliminary Taxable Values Included)

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 2023 Statement of Assessed & Equalized Values to the STC (L-4024) 12
 Parcel Count Report..... 19
 2023 Preliminary Taxable Valuations (L-4046) 20

Tuscola County Assessing Officers

<u>Assessing Jurisdiction</u>	<u>Assessor of Record</u>
Akron Township	Nathan Hager, MMAO
Almer Township	Dara Hood, MCAO
Arbela Township	Dave McArthur, MAAO
Columbia Township	Dara Hood, MCAO
Dayton Township	Joan Fackler, MAAO
Denmark Township	Susan Jensen, MAAO
Elkland Township	Dave McArthur, MAAO
Ellington Township	Susan Jensen, MAAO
Elmwood Township	Dave McArthur, MAAO
Fairgrove Township	Deb Young, MCAO
Fremont Township	Joan Fackler, MAAO
Gilford Township	Susan Jensen, MAAO
Indianfields Township	Dave McArthur, MAAO
Juniata Township	Dave McArthur, MAAO
Kingston Township	Carrie Gilley, MCAO
Koylton Township	Nathan Hager, MMAO
Millington Township	Heather MacDermaid, MAAO
Novesta Township	Susan Jensen, MAAO
Tuscola Township	Tod Fackler, MAAO
Vassar Township	Lisa Shagena, MAAO
Watertown Township	Debby Valentine, MAAO
Wells Township	Susan Jensen, MAAO
Wisner Township	Nathan Hager, MMAO
City of Caro	Angie Daniels, MAAO
City of Vassar	Dave Kern, MMAO

Message from the Department

The Equalization process is vital to guaranteeing that properties are assessed at 50% of market value as is required by Article IX, Section 3 of the Michigan Constitution of 1963. County Equalization serves as a check on assessments determined at the local level, ensuring they are fair and equitable across the County.

The responsibilities of County Equalization rest primarily with each County's Board of Commissioners. Recognizing the technical and difficult nature of equalization duties, the State, through the General Property Tax Act, requires each County to employ a certified Equalization Director to assist and advise the Board in fulfilling their duties.

In addition to the general purpose of ensuring fair and equitable assessments, statutory requirements of County Equalization include the collection and analysis of sales data, providing assessment assistance to local units, and providing the State Tax Commission with annual reports.

The Tuscola County Equalization Department through the efforts of the staff and with the cooperation of the various assessing officers of the County, has completed its review of the 2023 assessment rolls of the twenty-three (23) townships and two (2) cities of Tuscola County. The recommended County Equalized Value for 2023 is 3,433,748,737. The value is a combination of 2,928,803,691 real property and 504,945,046 personal property.

The 2023 Tuscola County Equalization Report prepared by the Tuscola County Equalization Department is submitted for approval and adoption. The department wishes to express appreciation to the Board of Commissioners, Tuscola County GIS Coordinator Cody Horton and assessing officers of the county for their cooperative efforts.

The Equalization Report will be located on the County website at the following address
<http://www.tuscolacounty.org/equalization/>

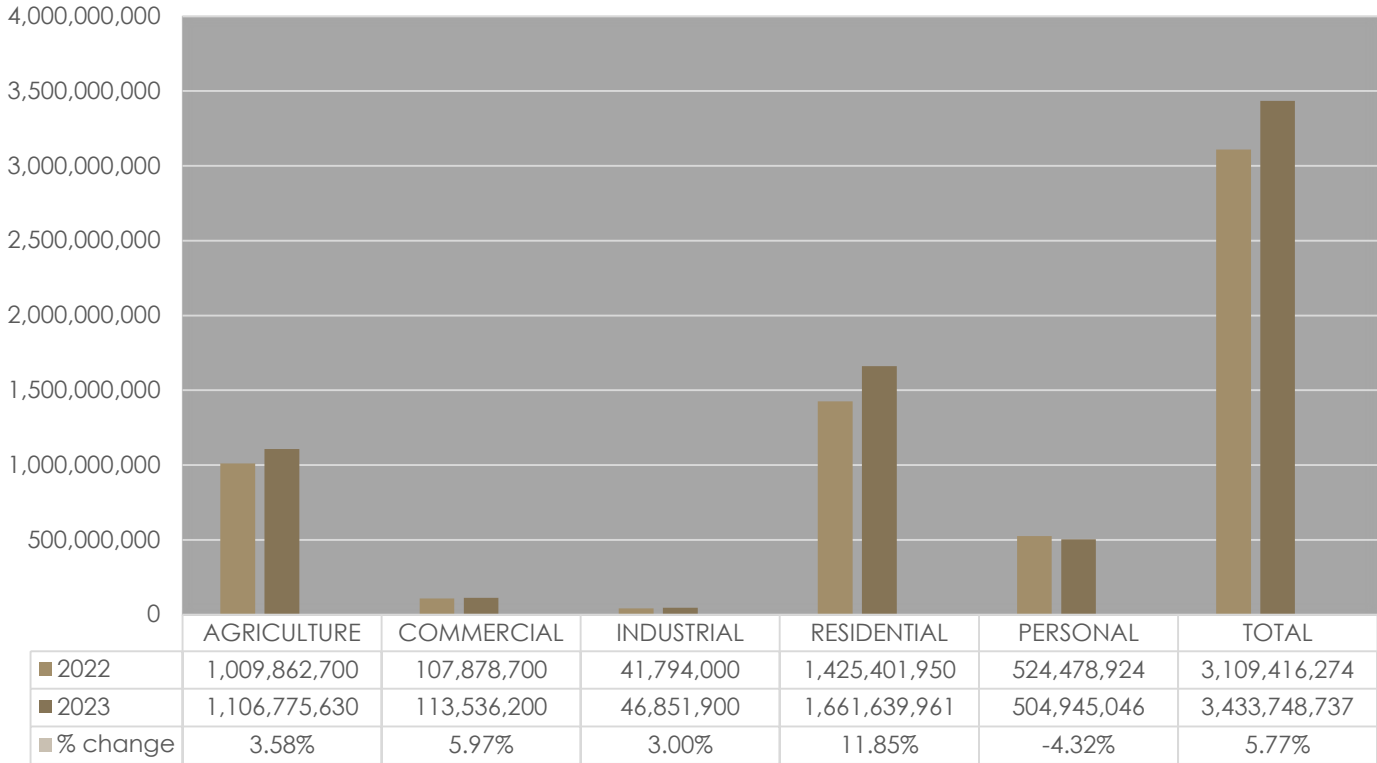
Presented By

Angie Daniels, MAAO
Colleen Smith, MCAO
Echo Torrez, MCAT

Graphs and Charts

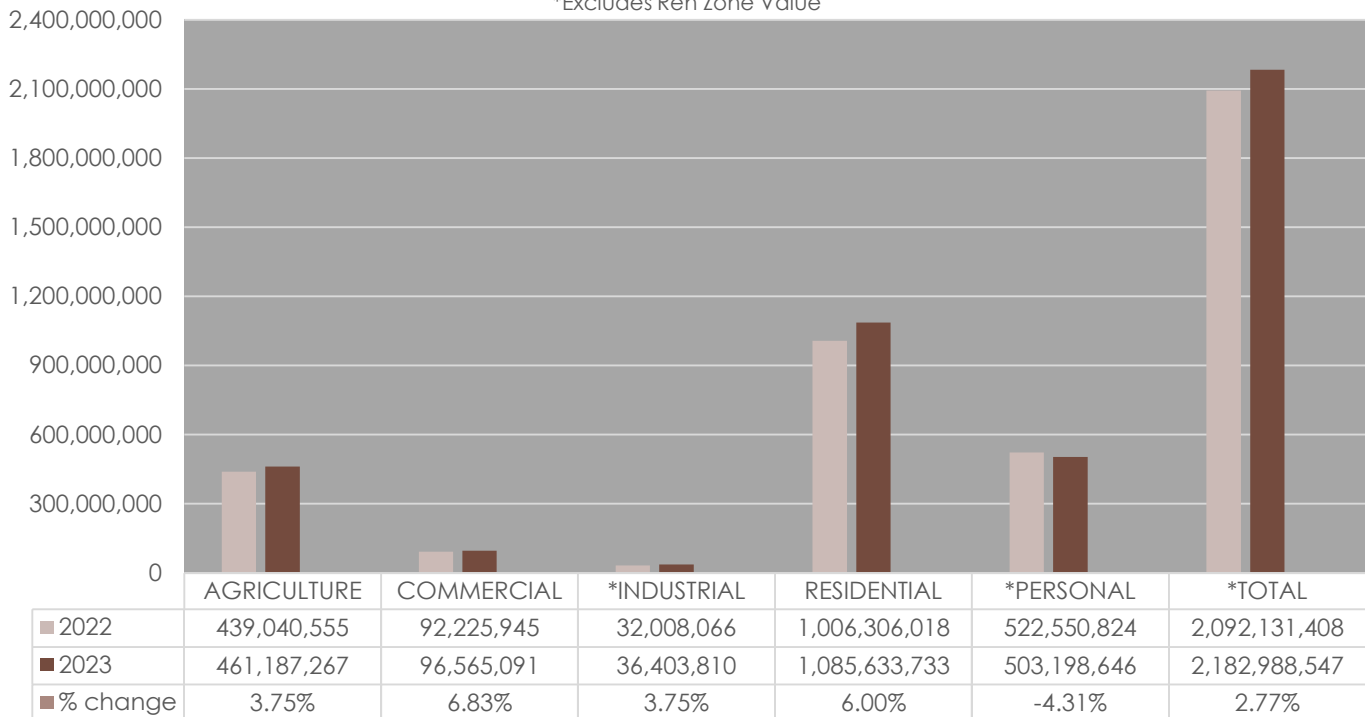
Change in SEV by Class

*Excludes Ren Zone Value

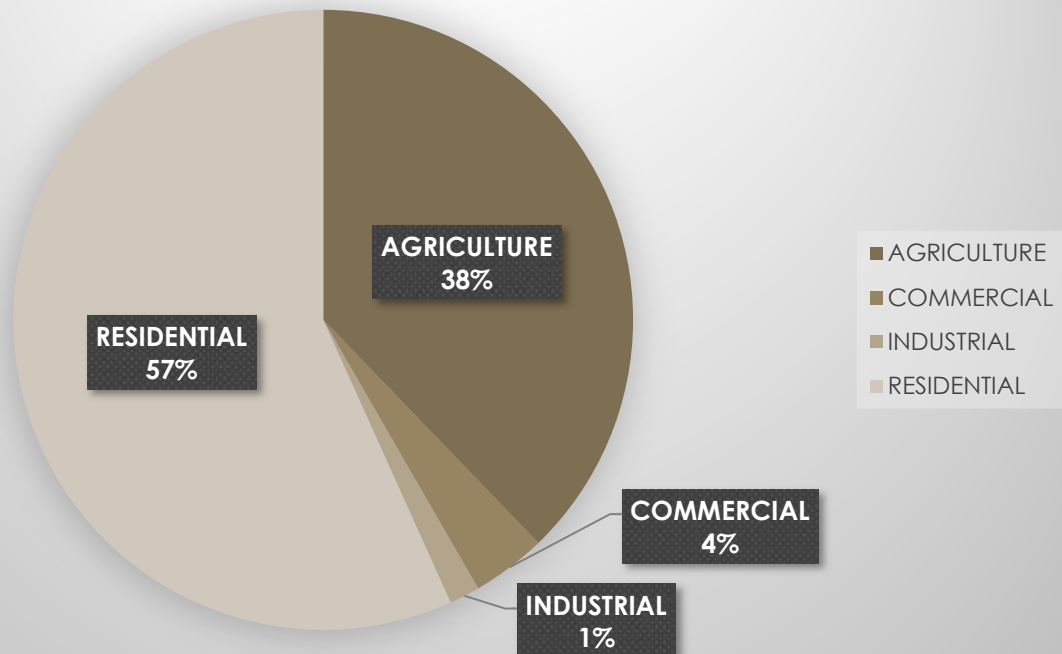


Change in Taxable by Class

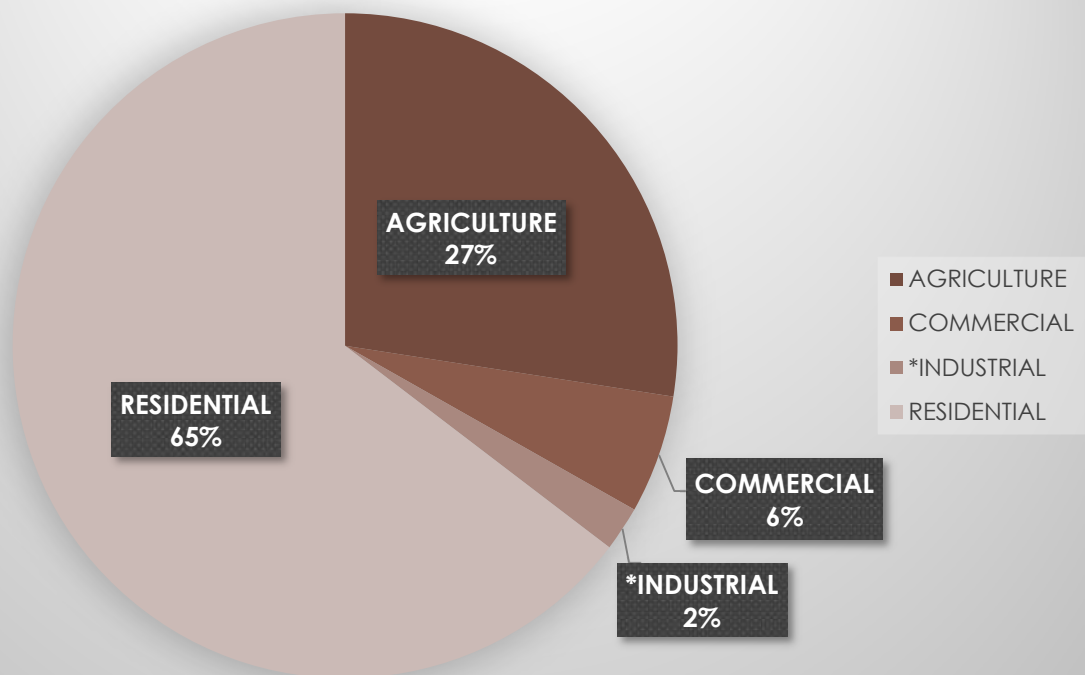
*Excludes Ren Zone Value



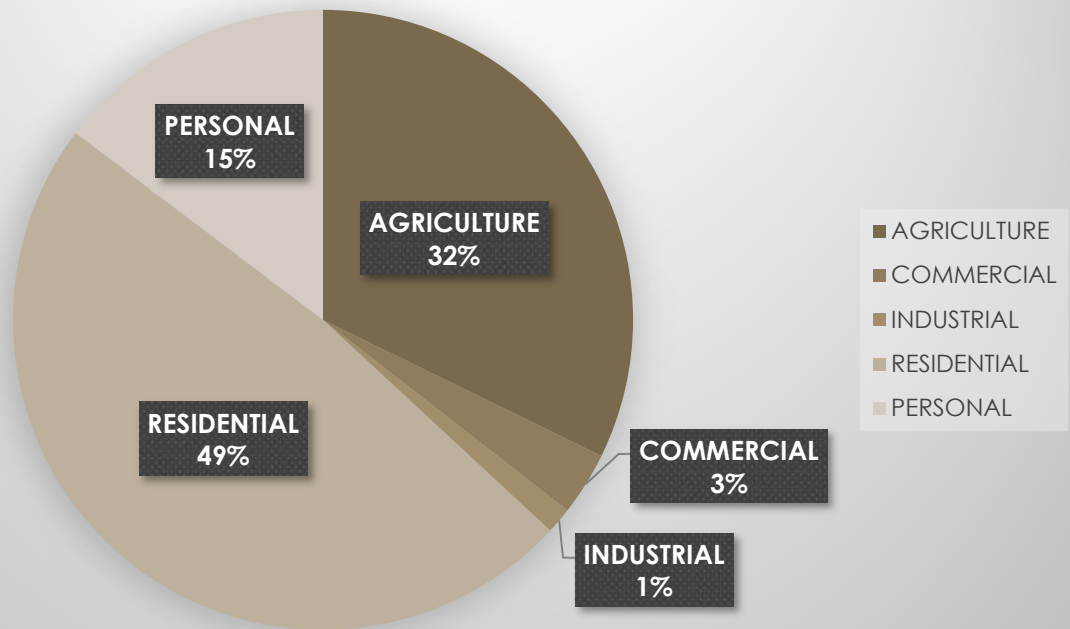
Real Property by Class as % of 2023 SEV



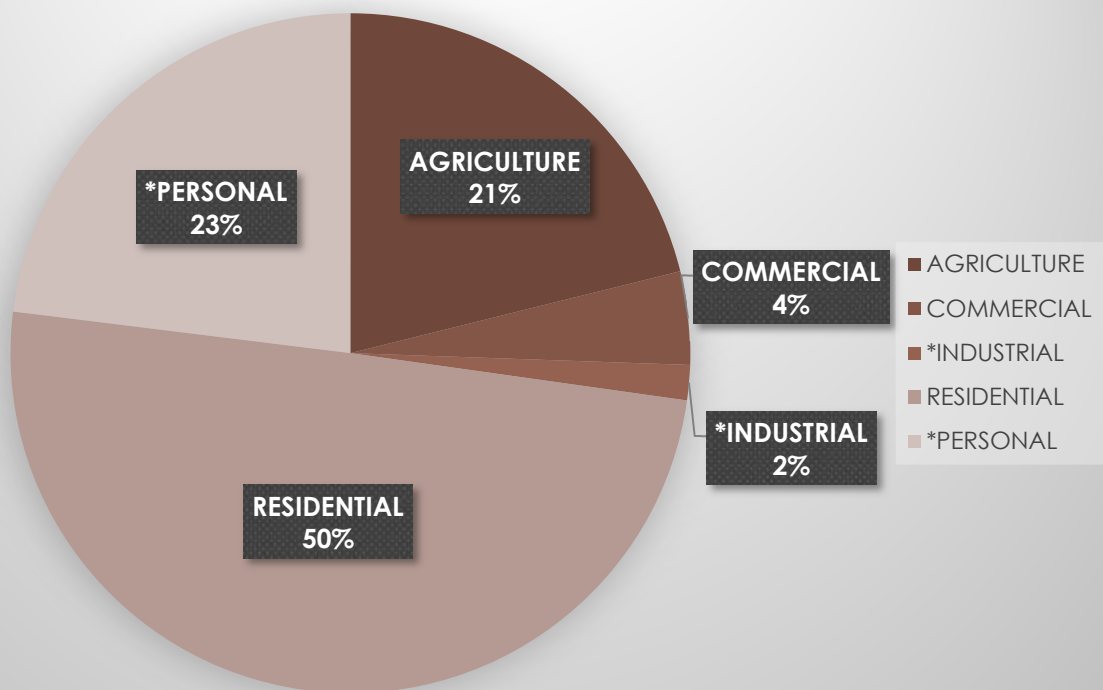
Real Property by Class as % of 2023 Taxable



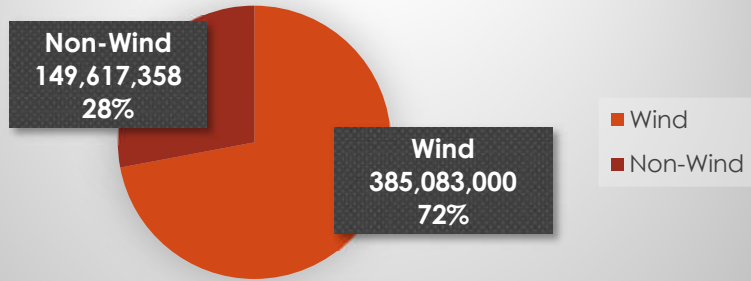
All Property by Class as % of 2023 SEV



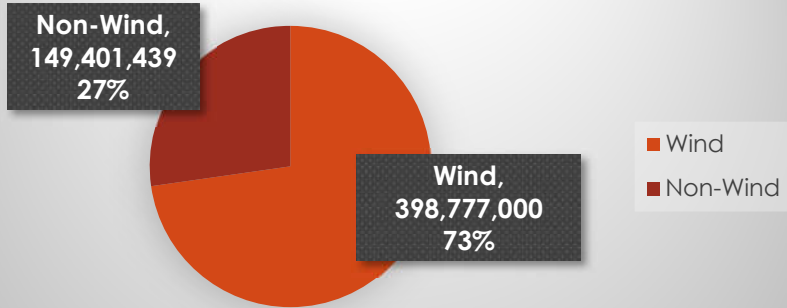
All Property by Class as % of 2023 Taxable



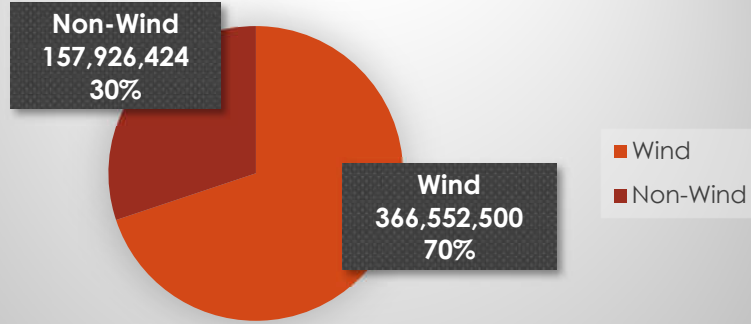
**Personal Property 2020 Taxable
Wind/Non-Wind**



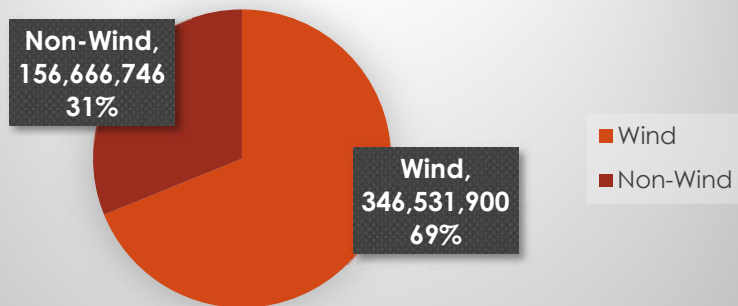
**Personal Property 2021 Taxable
Wind/Non-Wind**



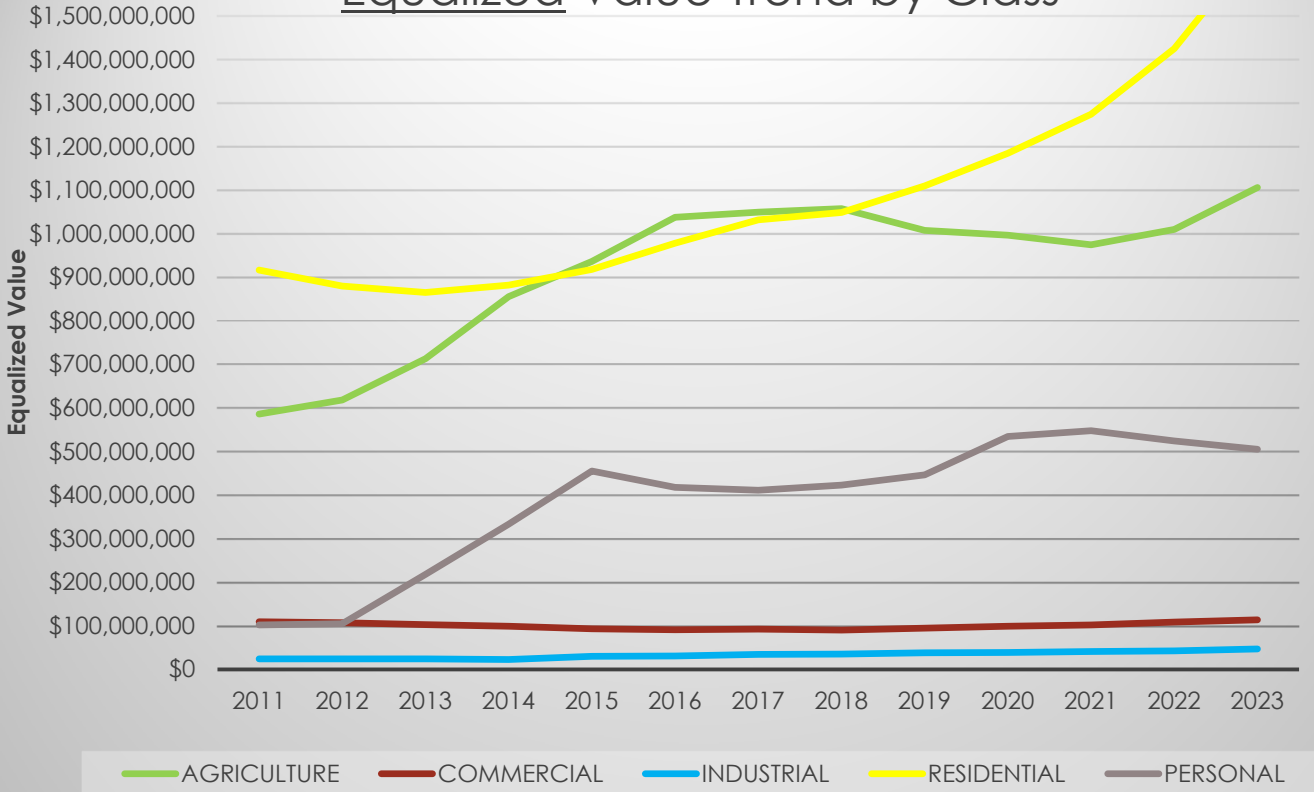
**Personal Property 2022 Taxable
Wind/Non-Wind**



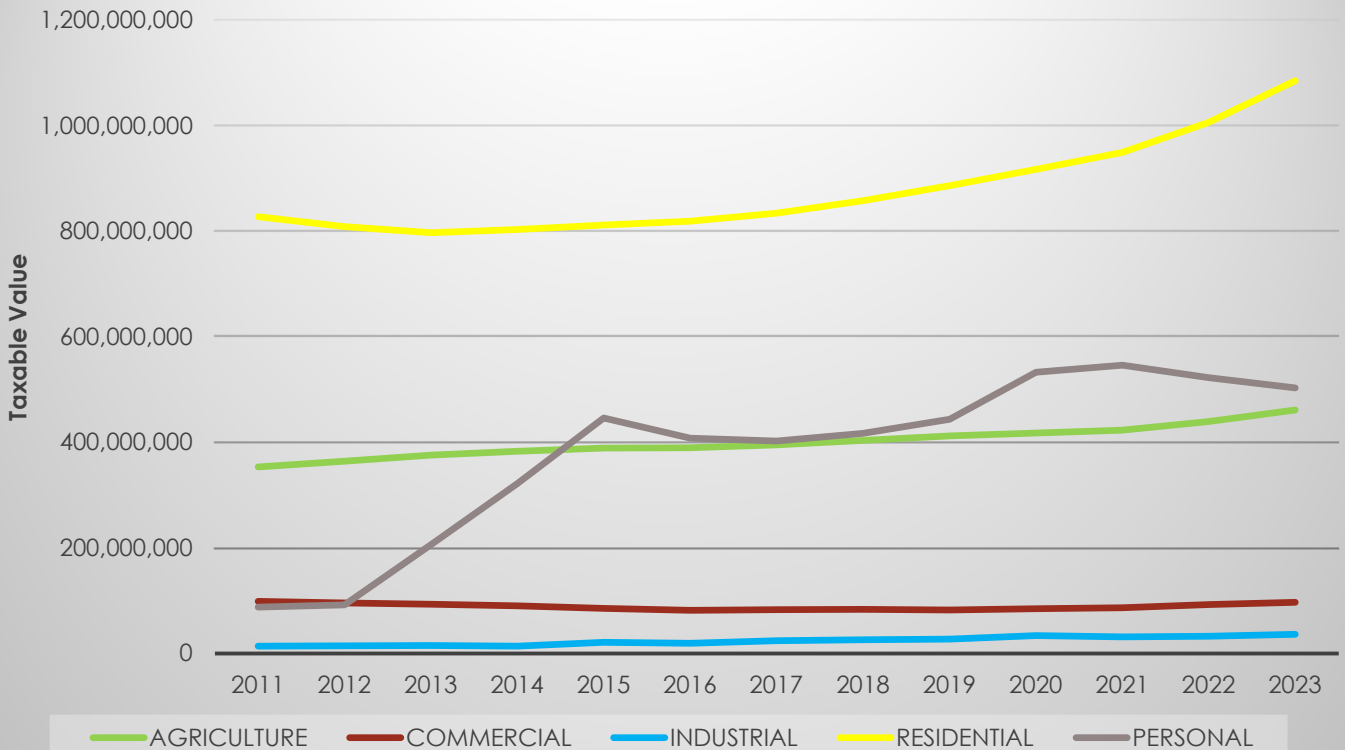
**Personal Property 2023 Taxable
Wind/Non-Wind**



Equalized Value Trend by Class



Taxable Value Trend by Class

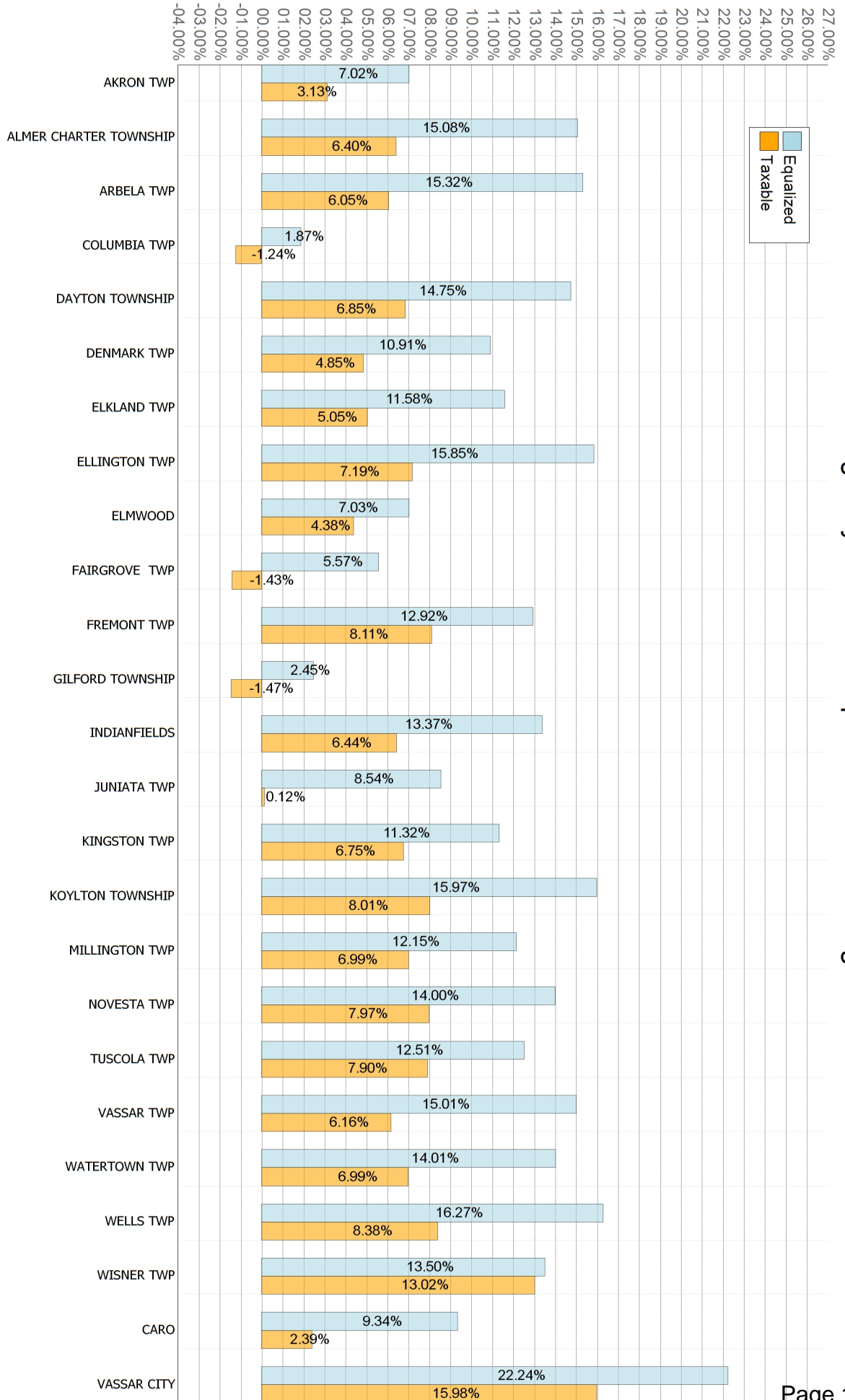


TUSCOLA COUNTY
Percent Change - 2022 to 2023
Includes New, Loss and Adjustment
By Local Unit

Unit	2022 Equalized Value	2023 Equalized Value	C.E.V. % Change	2022 Taxable Value	2023 Taxable Value	Taxable % Change
TOWNSHIPS						
AKRON TWP	215,140,600	228,910,250	6.40%	143,411,598	147,312,054	2.72%
ALMER CHARTER TOWNSH	112,795,500	129,808,200	15.08%	68,414,462	72,796,145	6.40%
ARBELA TWP	124,163,100	143,185,350	15.32%	78,940,874	83,719,606	6.05%
COLUMBIA TWP	221,228,600	224,136,300	1.31%	168,957,879	166,265,499	-1.59%
DAYTON TOWNSHIP	99,767,250	114,478,186	14.75%	60,983,662	65,160,841	6.85%
DENMARK TWP	174,071,200	191,836,600	10.21%	114,762,524	120,001,949	4.57%
ELKLAND TWP	156,351,500	174,562,100	11.65%	103,238,613	108,535,893	5.13%
ELLINGTON TWP	72,842,300	84,389,800	15.85%	44,697,947	47,910,956	7.19%
ELMWOOD	83,560,300	89,176,200	6.72%	44,875,125	46,912,995	4.54%
FAIRGROVE TWP	204,307,700	212,862,800	4.19%	152,029,448	148,584,967	-2.27%
FREMONT TWP	127,595,500	144,043,530	12.89%	85,963,939	92,581,449	7.70%
GILFORD TOWNSHIP	180,261,400	184,678,400	2.45%	131,814,668	129,877,923	-1.47%
INDIANFIELDS	91,064,000	103,243,500	13.37%	67,796,578	72,159,313	6.44%
JUNIATA TWP	126,787,400	137,615,300	8.54%	90,662,132	90,774,758	0.12%
KINGSTON TWP	80,164,182	89,101,956	11.15%	43,707,559	46,610,499	6.64%
KOYLTON TOWNSHIP	89,703,500	104,225,675	16.19%	53,110,250	57,359,453	8.00%
MILLINGTON TWP	187,794,700	208,974,000	11.28%	126,742,565	135,304,851	6.76%
NOVESTA TWP	74,150,100	84,528,100	14.00%	43,236,671	46,682,866	7.97%
TUSCOLA TWP	144,131,600	162,161,250	12.51%	91,052,901	98,242,980	7.90%
VASSAR TWP	137,587,920	158,234,040	15.01%	101,170,564	107,407,599	6.16%
WATERTOWN TWP	95,923,090	109,363,450	14.01%	62,132,587	66,475,942	6.99%
WELLS TWP	75,366,600	87,631,600	16.27%	50,535,925	54,771,034	8.38%
WISNER TWP	59,346,200	67,360,400	13.50%	29,529,162	33,372,738	13.02%
CITIES						
CARO	116,743,532	127,649,850	9.34%	93,723,075	95,961,609	2.39%

Unit	2022 Equalized Value	2023 Equalized Value	C.E.V. % Change	2022 Taxable Value	2023 Taxable Value	Taxable % Change
CITIES						
VASSAR CITY	58,568,500	71,591,900	22.24%	47,839,942	55,485,727	15.98%
VILLAGES						
AKRON VILLAGE 001	6,151,500	7,919,700	28.74%	4,395,789	5,123,436	16.55%
AKRON VILLAGE 010	3,868,300	4,657,900	20.41%	2,571,749	2,845,033	10.63%
CASS CITY 007	70,960,400	79,074,400	11.43%	58,714,599	61,592,351	4.90%
FAIRGROVE VILLAGE 010	12,474,000	15,426,800	23.67%	7,584,716	8,444,323	11.33%
GAGETOWN 009	4,453,200	5,024,400	12.83%	3,934,970	4,033,969	2.52%
KINGSTON VILLAGE 015	6,909,878	7,828,566	13.30%	5,166,169	5,564,571	7.71%
KINGSTON VILLAGE 016	1,805,200	1,898,100	5.15%	1,393,327	1,512,003	8.52%
MAYVILLE 011	22,574,600	25,534,000	13.11%	17,136,315	18,875,453	10.15%
MILLINGTON VILLAGE 017	25,664,800	30,413,200	18.50%	20,255,724	21,975,024	8.49%
REESE 006	39,990,500	45,578,300	13.97%	32,294,133	34,180,526	5.84%
UNIONVILLE 004	12,227,300	13,679,300	11.88%	9,476,738	9,959,923	5.10%

Arranged by Local Unit Equalized Value Change



Tuscola County
2023 Top 10 List - Ad Valorem Only
 County-Wide

Top 10 Owners by Equalized Value

Owner's Name	Real	Personal	Total
1 Consumers Energy Company	2,755,700	168,770,471	171,526,171
2 Pegasus Wind LLC	69,300	95,946,300	96,015,600
3 DTE Electric Company	1,415,600	58,691,074	60,106,674
4 International Transmission Co	1,438,000	50,201,963	51,639,963
5 Tuscola Bay Wind LLC	n/a	48,505,300	48,505,300
6 Tuscola Wind II LLC	n/a	28,851,900	28,851,900
7 Tuscola Bay Wind II LLC	38,900	15,430,500	15,469,400
8 Russell Family Land Co LLC	14,000,000	n/a	14,000,000
9 Thumb Electric Co-Op	448,400	9,052,893	9,501,293
10 Sylvester Land LLC	8,507,500	n/a	8,507,500
Total	28,673,400	475,450,401	504,123,801
County-wide Equalized Value	2,928,803,691	504,945,046	3,433,748,737
Percentage of County Total	0.98%	94.16%	14.68%

Top 10 Owners by Taxable Value

Owner's Name	Real	Personal	Total
1 Consumers Energy Company	1,332,422	168,770,471	170,102,893
2 Pegasus Wind LLC	34,180	95,946,300	95,980,480
3 DTE Electric Company	1,069,838	58,691,074	59,760,912
4 International Transmission Co	745,728	50,201,963	50,947,691
5 Tuscola Bay Wind LLC	n/a	48,505,300	48,505,300
6 Tuscola Wind II LLC	n/a	28,851,900	28,851,900
7 Tuscola Bay Wind II LLC	24,017	15,430,500	15,454,517
8 Thumb Electric Co-Op	378,521	9,052,893	9,431,414
9 POET Biorefining Caro	8,251,916	n/a	8,251,916
10 Dairy Farmer's of America Inc	5,534,699	1,746,400	7,281,099
Total	17,371,321	477,196,801	494,568,122
County-wide Taxable Value	1,685,324,600	504,945,046	2,190,269,646
Percentage of County Total	1.03%	94.50%	22.58%

Personal and Real Property - TOTALS

Tuscola COUNTY

The instructions for completing this form are on the reverse side of page 3.

Statement of acreage and valuation in the year 2023 made in accordance with Sections 209.1 - 209.8 of the Michigan Compiled Laws.

Township or City	Number of Acres Assessed	Total Real Property Valuations (Totals from pages 2 and 3)		Personal Property Valuations		Total Real Plus Personal Property	
	(Col. 1) Acres Hundredths	(Col. 2) Assessed Valuations	(Col. 3) Equalized Valuations	(Col. 4) Assessed Valuations	(Col. 5) Equalized Valuations	(Col. 6) Assessed Valuations	(Col. 7) Equalized Valuations
Akron Township	31,966.00	152,817,550	152,817,550	76,092,700	76,092,700	228,910,250	228,910,250
Almer Township	21,491.00	126,475,800	126,475,800	3,332,400	3,332,400	129,808,200	129,808,200
Arbela Township	22,321.00	138,795,950	138,795,950	4,389,400	4,389,400	143,185,350	143,185,350
Caro City	1,752.00	121,581,400	121,581,400	6,068,450	6,068,450	127,649,850	127,649,850
Columbia Township	22,680.00	115,186,200	115,186,200	108,950,100	108,950,100	224,136,300	224,136,300
Dayton Township	22,915.00	112,089,786	112,089,786	2,388,400	2,388,400	114,478,186	114,478,186
Denmark Township	22,338.00	176,583,600	176,583,600	15,253,000	15,253,000	191,836,600	191,836,600
Elkland Township	22,000.00	165,309,100	165,309,100	9,253,000	9,253,000	174,562,100	174,562,100
Ellington Township	23,800.00	82,862,100	82,862,100	1,527,700	1,527,700	84,389,800	84,389,800
Elmwood Township	22,961.00	86,647,500	86,647,500	2,528,700	2,528,700	89,176,200	89,176,200
Fairgrove Township	22,808.00	123,566,500	123,566,500	89,296,300	89,296,300	212,862,800	212,862,800
Fremont Township	22,359.00	138,167,530	138,167,530	5,876,000	5,876,000	144,043,530	144,043,530
Gilford Township	21,529.00	104,573,900	104,573,900	80,104,500	80,104,500	184,678,400	184,678,400
Indianfields Township	19,243.00	95,672,100	95,672,100	7,571,400	7,571,400	103,243,500	103,243,500
Juniata Township	22,661.00	100,711,700	100,711,700	36,903,600	36,903,600	137,615,300	137,615,300
Kingston Township	22,267.00	86,303,100	86,303,100	2,798,856	2,798,856	89,101,956	89,101,956
Koylton Township	22,618.00	101,346,975	101,346,975	2,878,700	2,878,700	104,225,675	104,225,675
Millington Township	22,284.00	203,131,500	203,131,500	5,842,500	5,842,500	208,974,000	208,974,000

Personal and Real Property - TOTALS
The instructions for completing this form are on the reverse side of page 3.

Tuscola COUNTY

Statement of acreage and valuation in the year 2023 made in accordance with Sections 209.1 - 209.8 of the Michigan Compiled Laws.

Township or City	Number of Acres Assessed	Total Real Property Valuations (Totals from pages 2 and 3)		Personal Property Valuations		Total Real Plus Personal Property	
	(Col. 1) Acres Hundredths	(Col. 2) Assessed Valuations	(Col. 3) Equalized Valuations	(Col. 4) Assessed Valuations	(Col. 5) Equalized Valuations	(Col. 6) Assessed Valuations	(Col. 7) Equalized Valuations
Novesta Township	22,651.00	83,089,400	83,089,400	1,438,700	1,438,700	84,528,100	84,528,100
Tuscola Township	20,287.00	145,117,400	145,117,400	17,043,850	17,043,850	162,161,250	162,161,250
Vassar City	1,267.00	66,341,500	66,341,500	5,250,400	5,250,400	71,591,900	71,591,900
Vassar Township	22,938.00	149,920,600	149,920,600	8,313,440	8,313,440	158,234,040	158,234,040
Watertown Township	22,416.00	104,117,900	104,117,900	5,245,550	5,245,550	109,363,450	109,363,450
Wells Township	20,948.00	84,868,400	84,868,400	2,763,200	2,763,200	87,631,600	87,631,600
Wisner Township	11,935.00	63,526,200	63,526,200	3,834,200	3,834,200	67,360,400	67,360,400
Totals for County	512,435.00	2,928,803,691	2,928,803,691	504,945,046	504,945,046	3,433,748,737	3,433,748,737

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Equalized Valuations - REAL

Tuscola COUNTY

The instructions for completing this form are on the reverse side of page 3.

Statement of acreage and valuation in the year 2023 made in accordance with Sections 209.1 - 209.8 of the Michigan Compiled Laws.

Township or City	Real Property Equalized by County Board of Commissioners						
	(Col. 1) Agricultural	(Col. 2) Commercial	(Col. 3) Industrial	(Col. 4) Residential	(Col. 5) Timber-Cutover	(Col. 6) Developmental	(Col. 7) Total Real Property
Akron Township	106,573,500	799,200	2,722,800	42,722,050			152,817,550
Almer Township	62,417,600	7,195,800		56,862,400			126,475,800
Arbela Township	39,074,300	1,502,800	571,400	97,647,450			138,795,950
Caro City		34,627,500	10,103,500	76,850,400			121,581,400
Columbia Township	87,437,800	1,126,100	368,900	26,253,400			115,186,200
Dayton Township	37,646,500	446,900		73,996,386			112,089,786
Denmark Township	84,540,700	5,468,500	2,257,500	84,316,900			176,583,600
Elkland Township	60,523,800	13,080,200	9,606,900	82,098,200			165,309,100
Ellington Township	31,177,800	526,600		51,157,700			82,862,100
Elmwood Township	60,141,700	429,100	206,400	25,870,300			86,647,500
Fairgrove Township	81,195,200	755,600	783,500	40,832,200			123,566,500
Fremont Township	23,301,830	8,373,000	588,100	105,904,600			138,167,530
Gilford Township	86,088,400	374,700	476,200	17,634,600			104,573,900
Indianfields Township	8,366,800	9,581,900	1,604,200	76,119,200			95,672,100
Juniata Township	40,634,400	1,083,600	46,500	58,947,200			100,711,700
Kingston Township	37,493,200	859,900	225,600	47,724,400			86,303,100
Koylton Township	30,633,800	822,800	55,900	69,834,475			101,346,975
Millington Township	32,222,400	6,652,700	3,143,000	161,113,400			203,131,500

Equalized Valuations - REAL

Tuscola COUNTY

The instructions for completing this form are on the reverse side of page 3.

Statement of acreage and valuation in the year 2023 made in accordance with Sections 209.1 - 209.8 of the Michigan Compiled Laws.

Township or City	Real Property Equalized by County Board of Commissioners						
	(Col. 1) Agricultural	(Col. 2) Commercial	(Col. 3) Industrial	(Col. 4) Residential	(Col. 5) Timber-Cutover	(Col. 6) Developmental	(Col. 7) Total Real Property
Novesta Township	39,545,500	918,100		42,625,800			83,089,400
Tuscola Township	61,949,700	3,776,400	2,064,500	77,326,800			145,117,400
Vassar City	186,700	9,898,200	5,873,300	50,383,300			66,341,500
Vassar Township	9,530,900	4,074,400	4,277,200	132,038,100			149,920,600
Watertown Township	21,410,500	289,000	1,478,900	80,939,500			104,117,900
Wells Township	21,194,900	299,500	397,600	62,976,400			84,868,400
Wisner Township	43,487,700	573,700		19,464,800			63,526,200
Totals for County	1,106,775,630	113,536,200	46,851,900	1,661,639,961	0	0	2,928,803,691

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Assessed Valuations - REAL

Tuscola COUNTY

The instructions for completing this form are on the reverse side of page 3.

Statement of acreage and valuation in the year 2023 made in accordance with Sections 209.1 - 209.8 of the Michigan Compiled Laws.

Township or City	Real Property Assessed Valuations Approved by Boards of Review						
	(Col. 1) Agricultural	(Col. 2) Commercial	(Col. 3) Industrial	(Col. 4) Residential	(Col. 5) Timber-Cutover	(Col. 6) Developmental	(Col. 7) Total Real Property
Akron Township	106,573,500	799,200	2,722,800	42,722,050			152,817,550
Almer Township	62,417,600	7,195,800		56,862,400			126,475,800
Arbela Township	39,074,300	1,502,800	571,400	97,647,450			138,795,950
Caro City		34,627,500	10,103,500	76,850,400			121,581,400
Columbia Township	87,437,800	1,126,100	368,900	26,253,400			115,186,200
Dayton Township	37,646,500	446,900		73,996,386			112,089,786
Denmark Township	84,540,700	5,468,500	2,257,500	84,316,900			176,583,600
Elkland Township	60,523,800	13,080,200	9,606,900	82,098,200			165,309,100
Ellington Township	31,177,800	526,600		51,157,700			82,862,100
Elmwood Township	60,141,700	429,100	206,400	25,870,300			86,647,500
Fairgrove Township	81,195,200	755,600	783,500	40,832,200			123,566,500
Fremont Township	23,301,830	8,373,000	588,100	105,904,600			138,167,530
Gilford Township	86,088,400	374,700	476,200	17,634,600			104,573,900
Indianfields Township	8,366,800	9,581,900	1,604,200	76,119,200			95,672,100
Juniata Township	40,634,400	1,083,600	46,500	58,947,200			100,711,700
Kingston Township	37,493,200	859,900	225,600	47,724,400			86,303,100
Koylton Township	30,633,800	822,800	55,900	69,834,475			101,346,975
Millington Township	32,222,400	6,652,700	3,143,000	161,113,400			203,131,500

Assessed Valuations - REAL

Tuscola **COUNTY**

The instructions for completing this form are on the reverse side of page 3.

Statement of acreage and valuation in the year 2023 made in accordance with Sections 209.1 - 209.8 of the Michigan Compiled Laws.

Township or City	Real Property Assessed Valuations Approved by Boards of Review						
	(Col. 1) Agricultural	(Col. 2) Commercial	(Col. 3) Industrial	(Col. 4) Residential	(Col. 5) Timber-Cutover	(Col. 6) Developmental	(Col. 7) Total Real Property
Novesta Township	39,545,500	918,100		42,625,800			83,089,400
Tuscola Township	61,949,700	3,776,400	2,064,500	77,326,800			145,117,400
Vassar City	186,700	9,898,200	5,873,300	50,383,300			66,341,500
Vassar Township	9,530,900	4,074,400	4,277,200	132,038,100			149,920,600
Watertown Township	21,410,500	289,000	1,478,900	80,939,500			104,117,900
Wells Township	21,194,900	299,500	397,600	62,976,400			84,868,400
Wisner Township	43,487,700	573,700		19,464,800			63,526,200
Totals for County	1,106,775,630	113,536,200	46,851,900	1,661,639,961	0	0	2,928,803,691

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Tuscola COUNTY

OFFICE OF THE COUNTY BOARD OF COMMISSIONERS OF _____ County,
_____ Michigan, _____

WE HEREBY CERTIFY that the foregoing is a true statement of the assessed valuations of real property classifications in each township and city in the County of _____ in the year _____, as determined by the Board of Commissioners of said county on the _____ day of April _____, at a meeting of said board held in pursuant to the provisions of Sections 209.1 - 209.8, MCL. We further certify that said statement does not embrace any property taxed under P.A. 77 of 1951; P.A. 68 of 1963; P.A. 198 of 1974; P.A. 255 of 1978; P.A. 385 of 1984; P.A. 224 of 1985; P.A. 147 of 1992 or Section 5 of Article IX of the Constitution of the State.

Dated at _____ this _____ day of _____, _____.

County: 79 TUSCOLA

Governmental Unit	----- Real -----							----- Personal -----						Grand Total	
	Ag	Comm	Ind	Res	T-C	Dev	Total	Ag	Comm	Ind	Res	Util	Total		Exempt
AKRON TWP	574	24	10	888	0	0	1496	0	56	15	0	15	86	66	1648
ALMER CHARTER TOWNSHIP	375	56	0	844	0	0	1275	0	61	2	0	8	71	49	1395
ARBELA TWP	297	22	8	1246	0	0	1573	0	26	1	0	10	37	13	1623
COLUMBIA TWP	476	47	11	502	0	0	1036	0	36	73	0	26	135	48	1219
DAYTON TOWNSHIP	273	12	0	1899	0	0	2184	0	24	0	0	4	28	51	2263
DENMARK TWP	397	94	31	1091	0	0	1613	0	87	5	0	15	107	86	1806
ELKLAND TWP	344	187	23	1459	0	0	2013	0	157	27	0	9	193	97	2303
ELLINGTON TWP	253	5	0	663	0	0	921	0	18	2	0	8	28	16	965
ELMWOOD	353	23	11	540	0	0	927	0	34	2	0	11	47	29	1003
FAIRGROVE TWP	401	31	15	691	0	0	1138	0	41	69	0	18	128	51	1317
FREMONT TWP	176	102	7	1605	0	0	1890	0	120	1	0	8	129	109	2128
GILFORD TOWNSHIP	432	12	6	277	0	0	727	0	11	86	0	13	110	6	843
INDIANFIELDS	50	86	12	1144	0	0	1292	0	73	6	0	4	83	108	1483
JUNIATA TWP	241	14	1	800	0	0	1056	0	23	24	0	20	67	60	1183
KINGSTON TWP	246	26	13	794	0	0	1079	0	29	0	0	11	40	27	1146
KOYLTON TOWNSHIP	221	20	1	912	0	0	1154	0	31	0	0	7	38	34	1226
MILLINGTON TWP	208	124	26	2020	0	0	2378	0	128	9	0	5	142	63	2583
NOVESTA TWP	286	17	0	727	0	0	1030	0	33	0	0	3	36	22	1088
TUSCOLA TWP	394	48	20	961	0	0	1423	0	50	4	0	10	64	24	1511
VASSAR TWP	68	47	48	1842	0	0	2005	0	43	3	0	9	55	25	2085
WATERTOWN TWP	167	10	10	1137	0	0	1324	0	21	6	0	8	35	28	1387
WELLS TWP	205	6	7	996	0	0	1214	0	16	4	0	7	27	20	1261
WISNER TWP	233	16	0	404	0	0	653	0	56	1	0	3	60	17	730
CARO	0	273	20	1426	0	0	1719	0	309	15	0	4	328	199	2246
VASSAR CITY	3	134	14	919	0	0	1070	0	113	6	0	3	122	134	1326
Totals	6673	1436	294	25787	0	0	34190	0	1596	361	0	239	2196	1382	37768

Taxable Valuations, Tuscola County

Issued under the General Property Tax Act, Section 211.27d. Filing is mandatory.

Statement of taxable valuation in the year 2023. File this form with the State Tax Commission on or before the fourth Monday in June.

Real Property							
Township or City	(Col. 1) Agricultural	(Col. 2) Commercial	(Col. 3) Industrial	(Col. 4) Residential	(Col. 5) Timber-Cutover	(Col. 6) Developmental	(Col. 7) Total Real Property
Akron	43,433,935	770,222	2,705,571	24,309,626	0	0	71,219,354
Almer	23,532,703	6,291,315	0	39,639,727	0	0	69,463,745
Arbela	20,328,449	1,127,562	95,916	57,778,279	0	0	79,330,206
Columbia	37,247,035	994,158	346,404	18,727,802	0	0	57,315,399
Dayton	15,421,299	343,877	0	47,007,265	0	0	62,772,441
Denmark	37,741,388	4,675,032	1,930,547	60,401,982	0	0	104,748,949
Elkland	21,300,301	11,962,640	8,771,521	57,248,431	0	0	99,282,893
Ellington	12,248,880	471,416	0	33,662,960	0	0	46,383,256
Elmwood	24,100,952	353,551	123,590	19,806,202	0	0	44,384,295
Fairgrove	34,222,783	625,183	646,495	23,794,206	0	0	59,288,667
Fremont	11,053,897	6,796,327	562,709	68,292,516	0	0	86,705,449
Gilford	36,878,917	372,919	475,027	12,046,560	0	0	49,773,423
Indianfields	3,560,324	7,868,737	1,336,968	51,821,884	0	0	64,587,913
Juniata	15,140,776	1,000,851	15,530	37,714,001	0	0	53,871,158
Kingston	13,136,248	760,151	56,664	29,858,580	0	0	43,811,643
Koylton	12,628,239	782,765	50,134	41,019,615	0	0	54,480,753
Millington	15,101,683	5,725,293	2,833,781	105,801,594	0	0	129,462,351
Novesta	16,281,772	717,157	0	28,245,237	0	0	45,244,166
Tuscola	25,556,832	3,552,982	1,475,069	50,614,247	0	0	81,199,130
Vassar	5,040,170	3,645,589	3,969,680	86,438,720	0	0	99,094,159
Watertown	10,273,595	264,324	714,845	49,977,628	0	0	61,230,392
Wells	10,023,597	245,515	340,379	41,398,343	0	0	52,007,834
Wisner	16,825,494	511,139	0	12,201,905	0	0	29,538,538
Caro	0	27,952,493	9,776,225	52,164,441	0	0	89,893,159
Vassar City	107,998	8,753,893	5,711,454	35,661,982	0	0	50,235,327
Totals for County	461,187,267	96,565,091	41,938,509	1,085,633,733	0	0	1,685,324,600

Taxable Valuations, Tuscola County

L-4046

Issued under the General Property Tax Act, Section 211.27d. Filing is mandatory.

Statement of taxable valuation in the year 2023. File this form with the State Tax Commission on or before the fourth Monday in June.

Personal Property						
Township or City	(Col. 8) Agricultural	(Col. 9) Commercial	(Col. 10) Industrial	(Col. 11) Residential	(Col. 12) Utility	(Col. 13) Total Personal Property
Akron	0	524,700	50,179,100	0	25,388,900	76,092,700
Almer	0	526,200	0	0	2,806,200	3,332,400
Arbela	0	0	0	0	4,389,400	4,389,400
Columbia	0	30,200	97,115,000	0	11,804,900	108,950,100
Dayton	0	4,500	0	0	2,383,900	2,388,400
Denmark	0	569,700	53,500	0	14,629,800	15,253,000
Elkland	0	1,621,400	1,896,100	0	5,735,500	9,253,000
Ellington	0	8,500	0	0	1,519,200	1,527,700
Elmwood	0	189,700	0	0	2,339,000	2,528,700
Fairgrove	0	606,200	66,887,800	0	21,802,300	89,296,300
Fremont	0	1,261,500	0	0	4,614,500	5,876,000
Gilford	0	0	64,207,000	0	15,897,500	80,104,500
Indianfields	0	569,200	0	0	7,002,200	7,571,400
Juniata	0	95,100	30,946,400	0	5,862,100	36,903,600
Kingston	0	108,708	0	0	2,690,148	2,798,856
Koylton	0	289,500	0	0	2,589,200	2,878,700
Millington	0	971,800	509,000	0	4,361,700	5,842,500
Novesta	0	120,200	0	0	1,318,500	1,438,700
Tuscola	0	800,300	515,100	0	15,728,450	17,043,850
Vassar	0	586,260	39,210	0	7,687,970	8,313,440
Watertown	0	55,670	289,380	0	4,900,500	5,245,550
Wells	0	42,400	1,114,400	0	1,606,400	2,763,200
Wisner	0	73,400	664,100	0	3,096,700	3,834,200
Caro	0	3,255,704	0	0	2,812,746	6,068,450
Vassar City	0	2,091,500	0	0	3,158,900	5,250,400
Totals for County	0	14,402,342	314,416,090	0	176,126,614	504,945,046

Taxable Valuations, Tuscola County

L-4046

Issued under the General Property Tax Act, Section 211.27d. Filing is mandatory.

Statement of taxable valuation in the year 2023. File this form with the State Tax Commission on or before the fourth Monday in June.

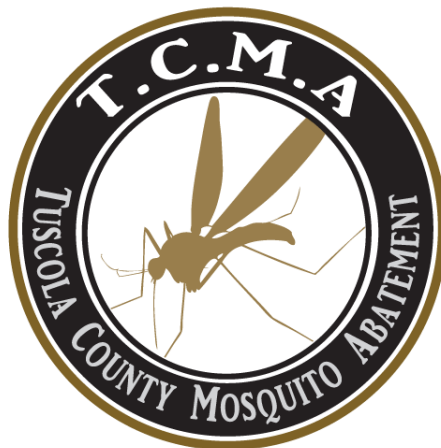
Township or City	(Col. 14) Total Real and Personal Property Taxable Valuations	(Col. 15) Homeowner's Principal Residence & Qualified Agricultural & Qualified Forest Property Taxable Valuations	(Col. 16) Commercial Personal Property Taxable Valuations	(Col. 17) Industrial Personal Property Taxable Valuations	(Col. 18) Non-Homestead and Non- Qualified Agricultural and Non- Qualified Forest Personal Property Taxable Valuations except Commercial and Industrial
Akron	147,312,054	60,720,879	524,700	50,179,100	35,887,375
Almer	72,796,145	58,205,093	526,200	0	14,064,852
Arbela	83,719,606	71,470,941	0	0	12,248,665
Columbia	166,265,499	54,163,847	30,200	97,115,000	14,956,452
Dayton	65,160,841	45,721,007	4,500	0	19,435,334
Denmark	120,001,949	92,988,464	569,700	53,500	26,390,285
Elkland	108,535,893	69,709,231	1,621,400	1,896,100	35,309,162
Ellington	47,910,956	40,123,648	8,500	0	7,778,808
Elmwood	46,912,995	41,292,368	189,700	0	5,430,927
Fairgrove	148,584,967	54,887,147	606,200	66,887,800	26,203,820
Fremont	92,581,449	68,072,699	1,261,500	0	23,247,250
Gilford	129,877,923	47,440,854	0	64,207,000	18,230,069
Indianfields	72,159,313	49,628,516	569,200	0	21,961,597
Juniata	90,774,758	47,888,952	95,100	30,946,400	11,844,306
Kingston	46,610,499	35,081,157	108,708	0	11,420,634
Koylton	57,359,453	42,401,819	289,500	0	14,668,134
Millington	135,304,851	105,627,383	971,800	509,000	28,196,668
Novesta	46,682,866	37,787,848	120,200	0	8,774,818
Tuscola	98,242,980	71,108,358	800,300	515,100	25,819,222
Vassar	107,407,599	78,360,800	586,260	39,210	28,421,329
Watertown	66,475,942	51,894,459	55,670	289,380	14,236,433
Wells	54,771,034	39,578,144	42,400	1,114,400	14,036,090
Wisner	33,372,738	25,399,447	73,400	664,100	7,235,791
Caro	95,961,609	42,110,297	3,255,704	0	50,595,608
Vassar City	55,485,727	30,750,384	2,091,500	0	22,643,843
Totals for County	2,190,269,646	1,362,413,742	14,402,342	314,416,090	499,037,472



TUSCOLA COUNTY MOSQUITO ABATEMENT

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County Board of Commissioners

Thomas Young, District 1

County Board of Commissioners

Thomas Bardwell, District 2

Kim Vaughan, District 3

Doug DuRussell, District 4

Dan Grimshaw, District 5

County Administration

Clayette Zechmeister, County Controller/Administrator

2022 Mid-Michigan Mosquito Control

Technical Advisory Committee

Steven Carlson, Michigan Department of Agriculture and Rural Development

Fred Yanoski, Midland County Health Department

Roger Garner, Midland County

Emily Dinh, Michigan Department of Health and Human Services

Joe Sova, Midland County Drain Commission

Kent Singer, Tuscola County Health Department

Kim Vaughan, Tuscola County Commissioner

Joseph Rivet, Bay County Drain Commissioner

Fred Yanoski, Midland County Health Department

Jerry Somalski, Bay Landscaping

John Hebert, Bay County

Tom Putt, Bay County

Consultants

Richard Merritt, Ph.D Michigan State University

Edward Walker, Ph.D Michigan State University

Kevin Kern, Michigan Department of Agriculture and Rural Development

Darrin McCullough, Michigan Department of Environment, Great Lakes and Energy

TCMA STAFF 2022

DIRECTOR

Larry Zapfe

BIOLOGIST

Shyann Green

ADMINISTRATIVE ASSISTANT

Laura Hill

EQUIPMENT TECHNICIAN

Pat Dennis

SEASONAL OFFICE STAFF/UTILITY

Bonnie Fackler

Jean Smith

FOREMAN / ASSISTANT FOREMAN

Mike Sherman

Joe Benjamin

Dennis Haley

SEASONAL TECHNICIANS

John Adamczyk

Jack Clark

Kevin Gainforth

Rodney Hood

Connor Langenburg

Rich Myers

Rodney Speirs

Kirk Bauer

Rick Domenick

Lee Garnsey

Richard Letts

Mike Putnam

Mike Emry

TCMA TIMELINE HIGHLIGHTS



ORGANIZATION

The Tuscola County Mosquito Abatement (TCMA) district was originally formed in 1997, after a millage proposal was passed by the citizens of Tuscola County. In August 2020, a six year renewal was passed with overwhelming support. Funding for the 2022 mosquito control season was collected during the winter of 2021 taxes, at a rate of 0.65 mils.

Tuscola County is currently one of four counties in Michigan with a formal comprehensive mosquito control program. TCMA is a county governmental agency, which serves to control nuisance and disease vectoring mosquitoes.

A Technical Advisory Committee (TAC), which is composed of some of Michigan's leading biologists, entomologists, conservationists, and scientists review TCMA's program every March.

Mosquito Abatement is based on Integrated Pest Management (IPM) practices. IPM is generally broken down into five categories or steps. These steps include:

- Identification of the pest
- Understanding the biology of the pest
- Monitoring the pest
- Developing sound goals to manage the pest
- Implementation of an IPM program

Biological surveillance, disease surveillance, product evaluations, field operations, and public education are included in this program.



STAFFING

Tuscola County Mosquito Abatement employed 19 seasonal positions and four full time staff in the 2022 season.

All TCMA technicians are required to have a MDA Certified Pesticide Applicators License (with a mosquito specific – 7F endorsement).

Newly hired staff, and those in need of re-certifying, are given study materials to review prior to testing. At this time, the Michigan Department of Agriculture has made all testing virtual through Metro Institute.

Once newly hired staff have passed all testing requirements, several days of training are provided to help technicians become familiar with equipment and operations.

Beginning with our annual spring treatment of flooded woodlots, all technicians will be working the day shift, 8:00am to 4:00 pm. When night time fogging begins, we split our crew and a night shift will be added from 5:00pm to 1:00am.

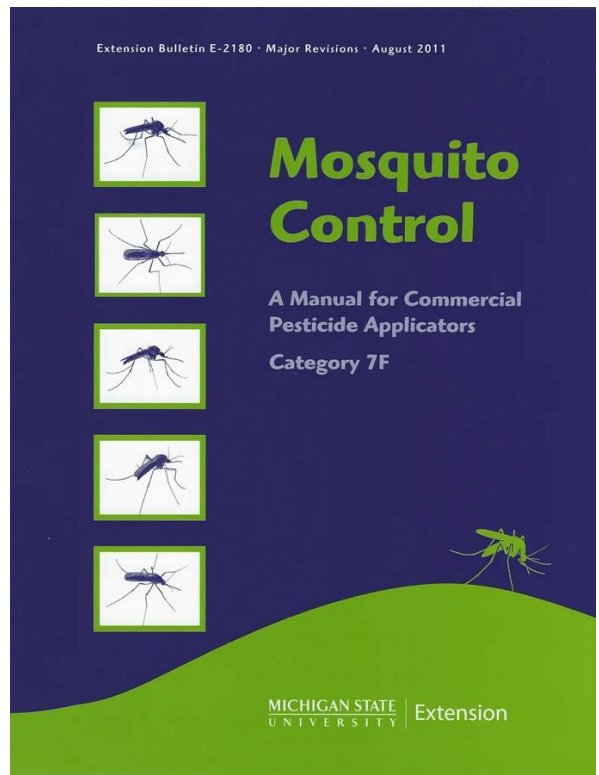
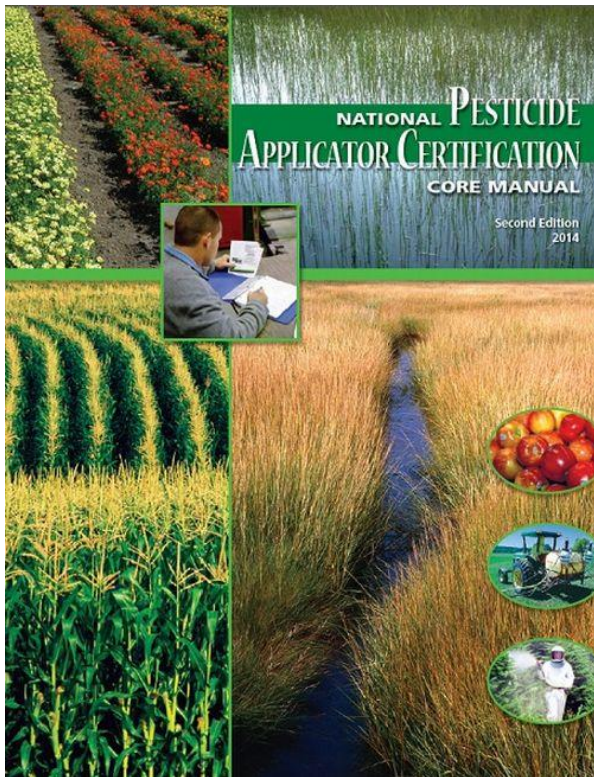


SAFETY & EDUCATION

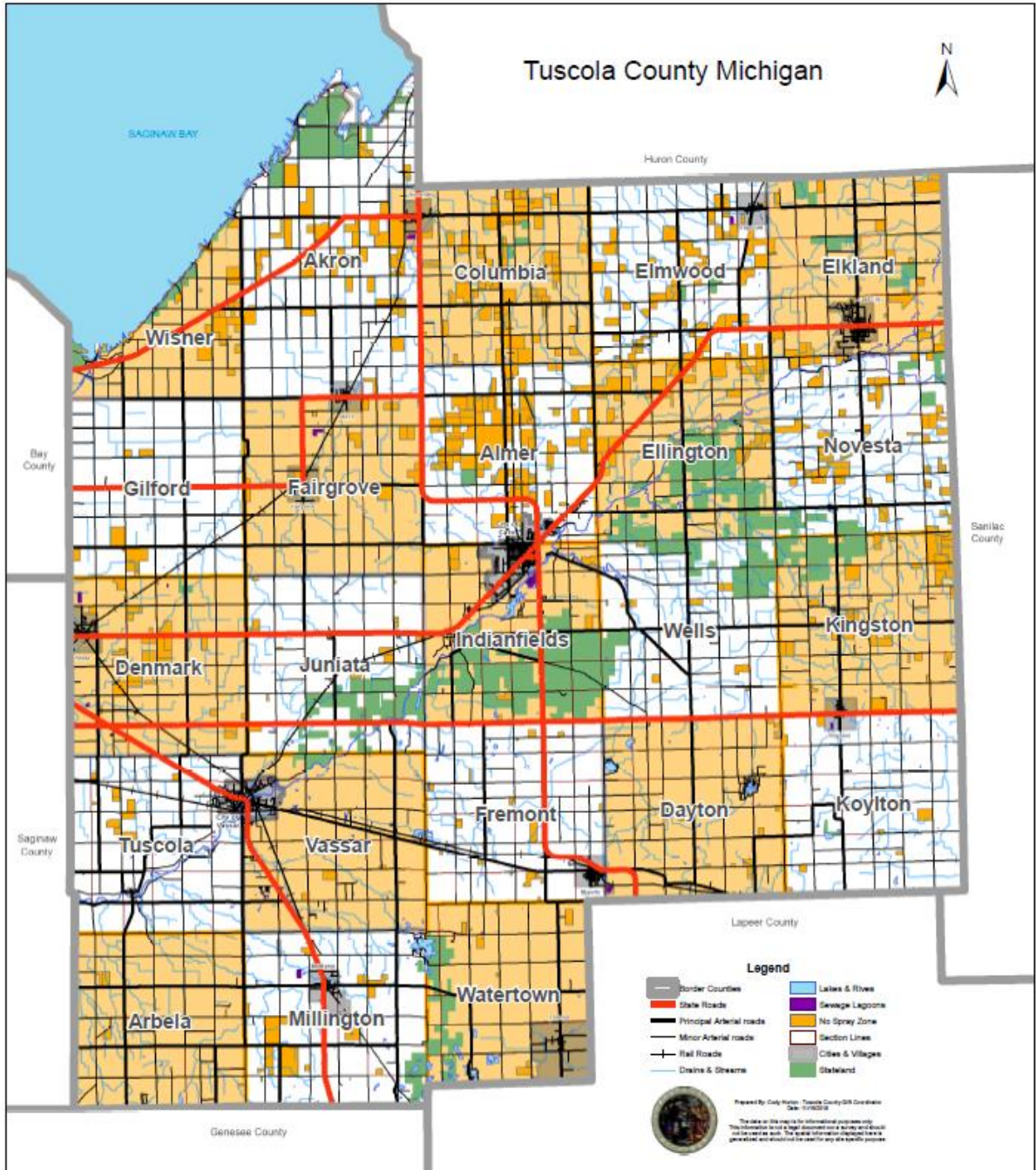
Michigan regulations require commercial applicators to pass two exams. One exam confirms practical knowledge of Core pesticide use and safety . The other exam is category specific to Mosquito Control-7F.

These exams require comprehension of pesticide label and labeling, safety and hazards, first aid, personal protective equipment use, and emergency response. Study manuals provide information about pesticides in the environment, pest identification and management, pesticide formulations, pesticide application equipment, application techniques, and laws and regulations.

All technicians employed at TCMA have successfully taken and passed both of these exams. This ensures all technicians are trained appropriately in knowledge and safety before going out into the field.



TUSCOLA COUNTY MAP



LONG DRIVEWAY PROGRAM

We realize that many homes in Tuscola County are set back from the county road and therefore, are subsequently shielded from the effect of the road-side adulticiding operations. If requested by the owner, their property will be reviewed to see if it meets the criteria. If the property does meet the established requirements, it will be placed on our Long Drive Program. The drive, at that time, will be marked with our long drive stake that has a reflective band at the top. These stakes are placed by our technicians. (We do ask the homeowners to remove them during the winter months to avoid possible damage from snow plows etc.). By placing these stakes at the end of the drives, our technicians are able to see the reflective band and treat the drive as required.

The criteria for a home to be placed on the Long Drive Program are:

- There must be a primary residence on the property and the front of the home must be 300 ft. or greater from the roadway.
- There must be an adequate turnaround for our trucks that does not require driving across any lawn areas.
- The drive must be passable with two-wheel drive vehicles.
- The drive must have significant vegetation that provides areas for mosquito harborage.

In 2022, we held our open enrollment for the long driveway program from March through April. Tuscola County currently has 562 residents enrolled in this program.



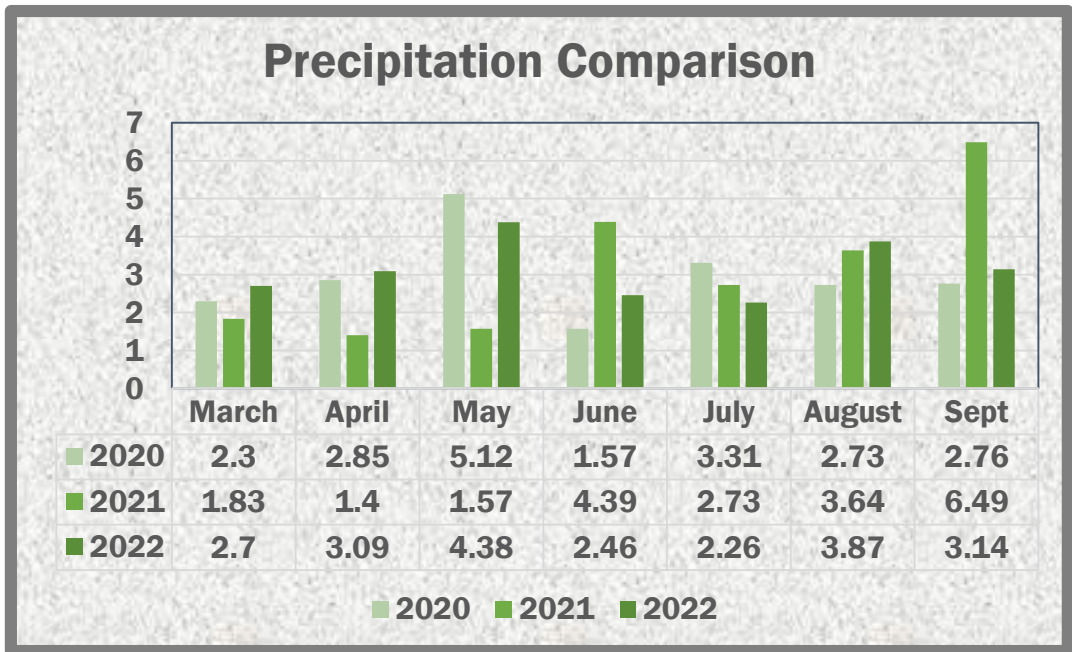
WEATHER DATA

Weather plays a very important role in determining our mosquito population.

Rain events that cause flooding or standing water create breeding areas that will result in a hatch of mosquitoes.

The 2022 season began relatively dry. On Monday April 4th, TCMA began treatments of flooded woodlots.

Overall, the county received 21.9 inches of rainfall this season, making it drier than last year. Monitoring the weather is a daily event due to the fact that all treatment techniques are weather dependent.



OPERATIONS

Mosquito Abatement strives to keep residents safe from mosquito-borne disease by reducing the mosquito population in our county.

This is done through various forms of treatment, typically beginning in late March, when we begin surveillance and treatment of the flooded woodlots with ground crews.

Once adult mosquitoes are present, usually in mid May, we introduce our second shift of technicians. They will begin to conduct routine roadside fogging and yard treatments for homeowners, when requested.

Early summer larviciding will include routine surveillance and treatment of ditches, catch basins, and sewage lagoons. Later in the season we will conduct surveillance and treat cross country ditches.

We maintain public use areas such as parks, campgrounds, trails, conservation clubs, golf courses, and schools on a weekly schedule during the season. This is to keep our citizens safe from disease carrying mosquitoes.

Residents may request yard treatments for special events such as weddings, parties, etc. We also provide treatment for the many festivals that occur throughout the county.



TREATMENT SITES

MATERIAL	TREATMENT SITE
BVA (Mosquito Larvicide Oil) (highly refined petroleum distillate)	Swamps, Flooded Woodlots, Flooded Fields
Kontrol 4-4 (permethrin)	Roadside fogging, Public Use Areas, Private Property
Four Star Briquets 90 Day (Bacillus sphaericus 6% Bacillus thuringiensis 1%)	Retention Pools
Mavrik (Tau-fluvalinate)	Select Private Property
Mosquito Dunks (Bacillus thuringiensis)	Small water hole, artificial containers
VectolexFG(Bacillus sphaericus)	Catch Basins
Suspend Polyzone (Deltamethrin)	Select Private Property
VectoBac G (Bacillus thuringiensis)	Flooded Woodlots, Artificial Containers, Tires, Ponds
VectoBac 12AS (Bacillus thuringiensis)	Roadside Ditches, Retention Ponds
VectoBac 12AS (Bacillus thuringiensis)	Lagoons

SPRING / SUMMER LARVICIDING

We begin in the early spring with the treatment of flooded woodlots.

This is done by our technicians, using hand held spreaders to deliver granular BTI or a backpack sprayer to deliver mosquito larvicide oil to the flooded areas.

We utilize a citizen tracking database, which allows us to keep a historical record of homeowners and locations throughout the county, with woodlots that may require treatment in the spring.

Biology staff and larviciding crews conducted routine surveillance and quality control on 2,067 flooded woodlot sites during the 2022 season, compared to 2,591 last season. In 2022 there was no delay in starting the season, so we were very pleased our crews were able to treat on schedule.

Tuscola County is home to nine sewage lagoons. Many of these areas have been known to be breeding sites. Each of these sites were checked routinely and treated throughout the 2022 season, using liquid BTI (VectoBac® 12 AS) and BTI (VectoBac® G). Catch Basins are treated 2-3 times throughout the season, depending on need, using VectoLex FG.

In addition, larviciding is also performed in the cross country ditches, flooded fields and artificial containers as needed using BTI (VectoBac® G).



ADULTICIDING

Tuscola County is made up of 23 townships. Each township is assigned a technician that will perform roadside fogging throughout the season.

Tuscola County currently has 817 “NO Spray” areas. These areas are organic farms or beekeepers, as well as residents who wish not to be treated. We utilize the FieldWatch site to help us stay current with new fields or beehives.

Assigning a technician to a specific township, allows them to become familiar with these special conditions. No Spray signage is checked at the beginning of every season to replace or post signs where needed.

Treatment route maps are updated routinely during the season, utilizing updates received from FieldWatch and our county citizens.

Kontrol 4-4 (Permethrin) is applied at 4.5oz. per minute, with truck mounted ULV units. Treatment is also conducted on a routine basis in all public use areas (parks, golf courses, schools, campgrounds, rail trails, gun clubs and archery clubs) using our Kawasaki Mule, equipped with a ULV unit. For treatment to be effective, temperatures must be above 50 degrees and winds below 10 miles per hour.

Citizens requesting treatment of their property are treated using a hand held thermal fogger or ULV backpack sprayer.



ROADSIDE DITCH TREATMENT

TOWNSHIPS	MILES DRIVEN	GALLONS USED
AKRON	235	2.60
ALMER	188	1.90
ARBELA	177	1.40
COLUMBIA	204	2.35
DAYTON	172	1.25
DENMARK	151	1.05
ELKLAND	139	1.10
ELLINGTON	138	1.20
ELMWOOD	159	1.90
FAIRGROVE	178	1.37
FREMONT	172	1.60
GILFORD	179	0.85
INDIANFIELDS	132	1.70
JUNIATA	188	0.90
KINGSTON	108	1.40
KOYLTON	141	1.50
MILLINGTON	159	1.10
NOVESTA	186	2.45
TUSCOLA	156	1.00
VASSAR	147	1.10
WATERTOWN	132	0.50
WELLS	202	2.20
WISNER	103	1.00

ROADSIDE TRUCK FOGGING

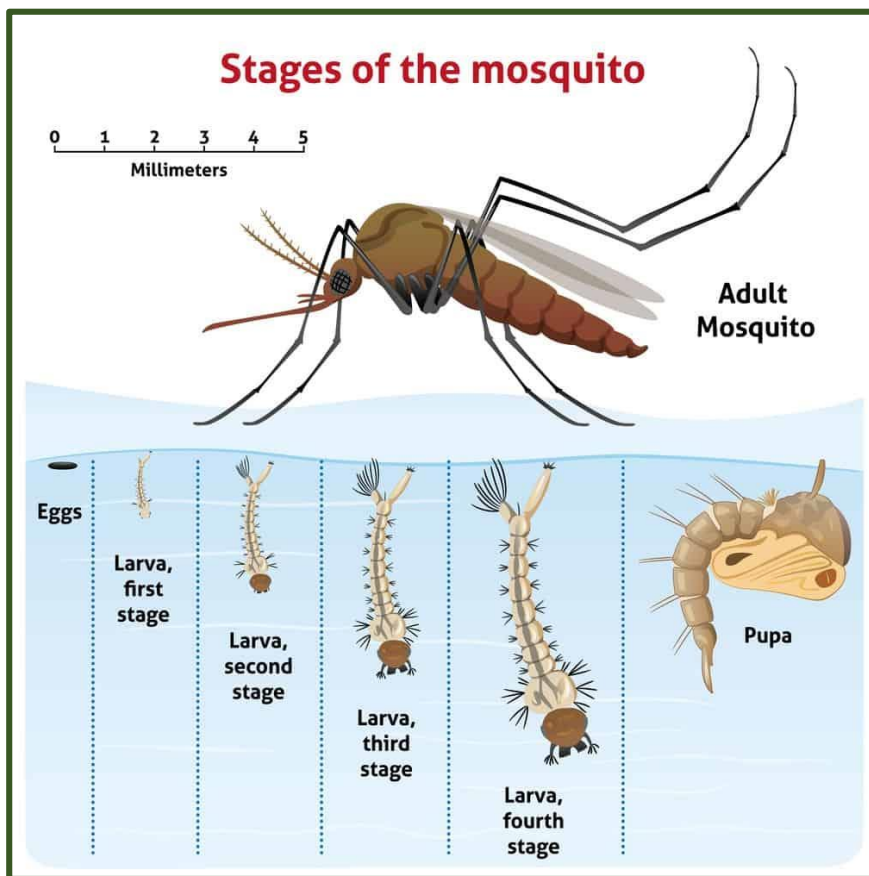
TOWNSHIP	MILES DRIVEN	GALLONS USED
AKRON	1304.00	206.78
ALMER	1009.00	161.05
ARBELA	1954.70	389.14
COLUMBIA	255.60	47.43
DAYTON	1568.10	227.30
DENMARK	921.70	130.54
ELKLAND	1133.50	209.47
ELLINGTON	927.40	175.80
ELMWOOD	979.60	128.20
FAIRGROVE	804.87	132.77
FREMONT	1046.90	195.94
GILFORD	653.40	94.64
INDIANFIELDS	2903.50	364.68
JUNIATA	1060.00	228.52
KINGSTON	1098.20	168.27
KOYLTON	1203.20	202.22
MILLINGTON1460	1460.80	399.56
NOVESTA	903.90	144.68
TUSCOLA	835.60	161.84
VASSAR	2575.50	415.24
WATERTOWN	896.10	164.04
WELLS	1168.80	182.38
WISNER	651.40	124.20

BIOLOGY

In order to develop a mosquito suppression strategy, a critical component in an Integrated Pest Management approach (IPM), the biology department conducts routine trapping. This trapping helps to monitor for mosquito population levels and disease. This Information, along with information provided by our residents, can be helpful in determining where we need to focus our efforts.

Our biology staff also monitors the effectiveness of our control materials. During our spring treatment of flooded woodlots, the technicians will dip the water routinely to determine where mosquito larvae can be found. Once the crew has treated said areas, our biology staff will return to those sites to confirm the application was effective.

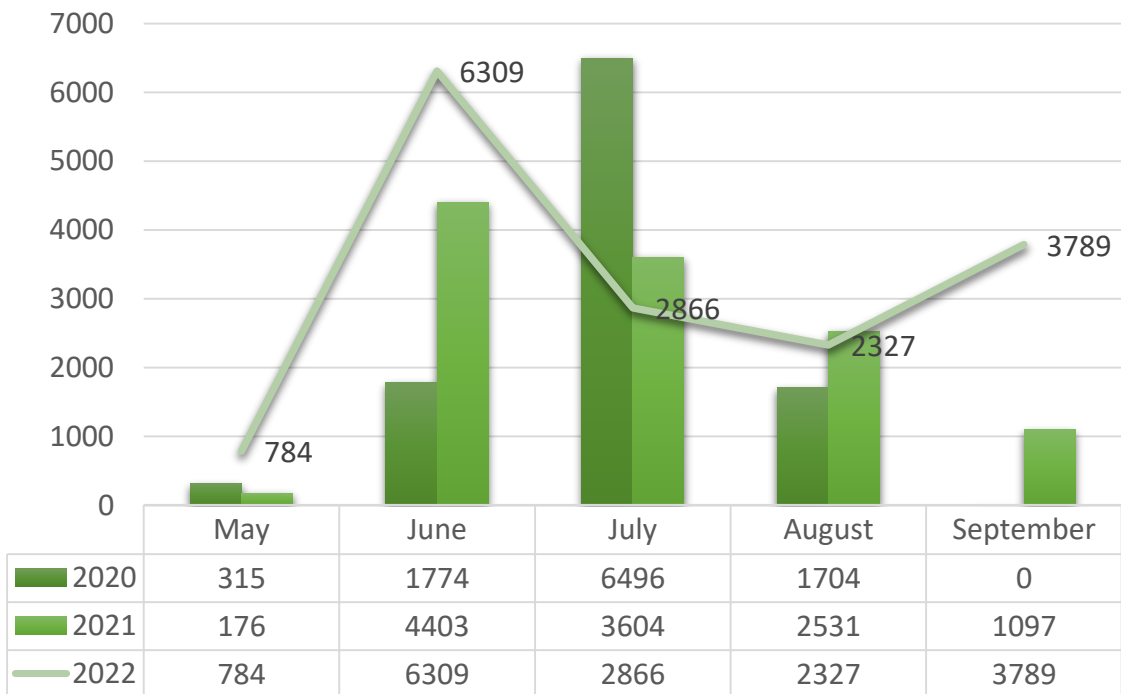
When monitoring the effectiveness of the adulticiding operations, traps are placed the night before an application, and then after. This will determine if the application was effective in suppressing mosquito populations.



NEW JERSEY LIGHT TRAPS

These traps are placed in fixed locations throughout the county year after year, supplying historical data on mosquito populations. They require a supply of electricity, which provides a light source to attract mosquitoes. Once mosquitoes have been attracted, a fan pulls them downward into a collection container, in this case, we use a mason jar. Inside said jar, a pesticide strip kills any bugs that have entered the trap. These traps are collected one to three times per week, depending on the amount of mosquito activity. Often times, we will base our suppression strategy off the information provided by the NJLT.

The mixed graph below shows the 2022 season's total monthly counts compared to that of 2020 and 2021. Looking at the line graph, which depicts 2022's monthly count totals, you can see that our seasonal counts started off much higher than that of years prior. This graph also indicates a spike of numbers earlier in the season that drops off into July and August. This means that, much like last season, our summer hatch came in June rather than July. Moving into September, you'll see our numbers spiked yet again. This indicates we had another hatch right before our season ended. However, this hatch was early on in the month so we were able to control these counts. The cooler weather then took care of any pests that were left; leaving our trap counts with no more than 10 mosquitoes per trap.



NEW JERSEY LIGHT TRAP YEARLY TOTALS

YEAR OF COLLECTIONS	Average High	Average Low
2022	79	51
SPECIES/LOCATION	TOTAL	
<i>Ae. canadensis</i>	2298	
<i>Ae. implicatus</i>	9	
<i>Ae. stim./fit.</i>	4	
<i>Ae. triseriatus</i>	217	
<i>Ae. trivittatus</i>	37	
<i>Ae. provocans</i>	33	
<i>Ae. japonicus</i>	16	
<i>Ae. cinereus</i>	0	
<i>Ae. vexans</i>	104	
<i>An. punctipennis</i>	427	
<i>An. quadrimaculatus</i>	1641	
<i>An. walkeri</i>	0	
<i>Cs. inornata</i>	0	
<i>Cs. minnesotae</i>	82	
<i>Cs. morsitans</i>	0	
<i>Cs. melanura</i>	9	
<i>Cx. pipiens</i>	1060	
<i>Cx. restuans</i>	110	
<i>Cx. tarsalis</i>	0	
<i>Cx. territans</i>	69	
<i>Cq. perturbans</i>	2847	
<i>Ps. ciliata</i>	2	
<i>Ur. sapphirina</i>	0	
<i>ps. Ferox</i>	2	
<i>Ae. sollicitans</i>	1	
	0	
Damaged	33	
Total Female	8968	
Total Male	7074	
YEARLY TOTAL: 16075		

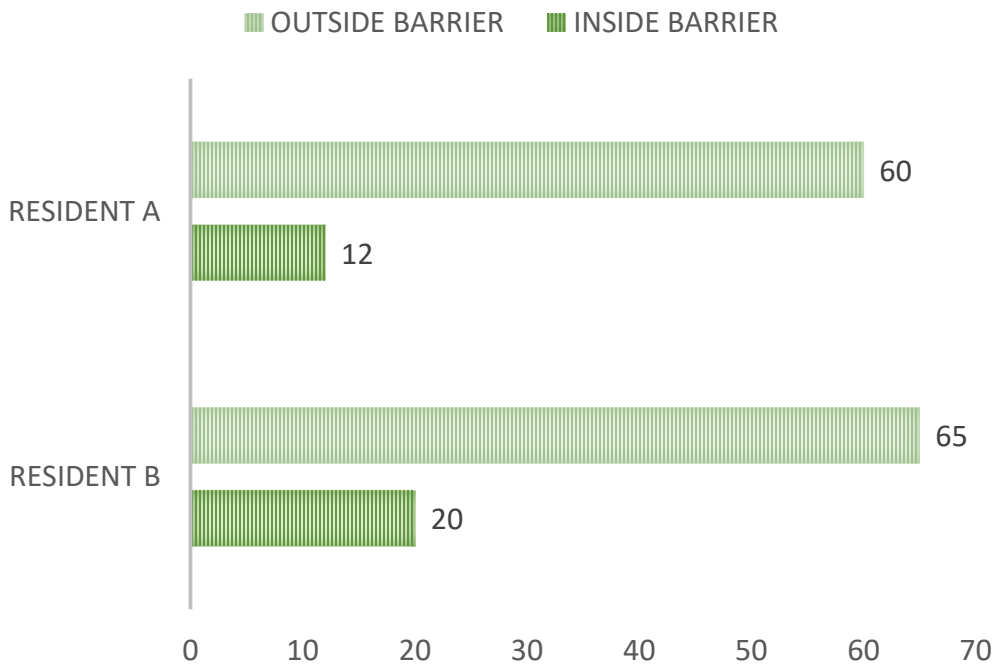
CDC TRAPS

Using a combination of light and CO2, this smaller trap draws in mosquitoes that are searching for a blood meal. Once close enough to the light and the tube that connects the CO2 tank to the trap, a fan pulls the mosquitoes down into a collection chamber.

We use CDC light traps to see just how effective our barrier treatments are. In order to make sure our treatment methods are still adequate, we place two CDC traps in the vicinity of a residents barrier treatment. One gets placed outside the barrier treatment and the other on the inside. Once we collect and count trapped mosquitoes, we are able to see if there is a significant difference between the two counts. If so, this means that our treatments were effective.

In the chart below, you will see data we were able to record from two different residents' yard treatments during a single season. These totals provide proof that our treatments are very effective.

CDC TRAPPING TOTALS

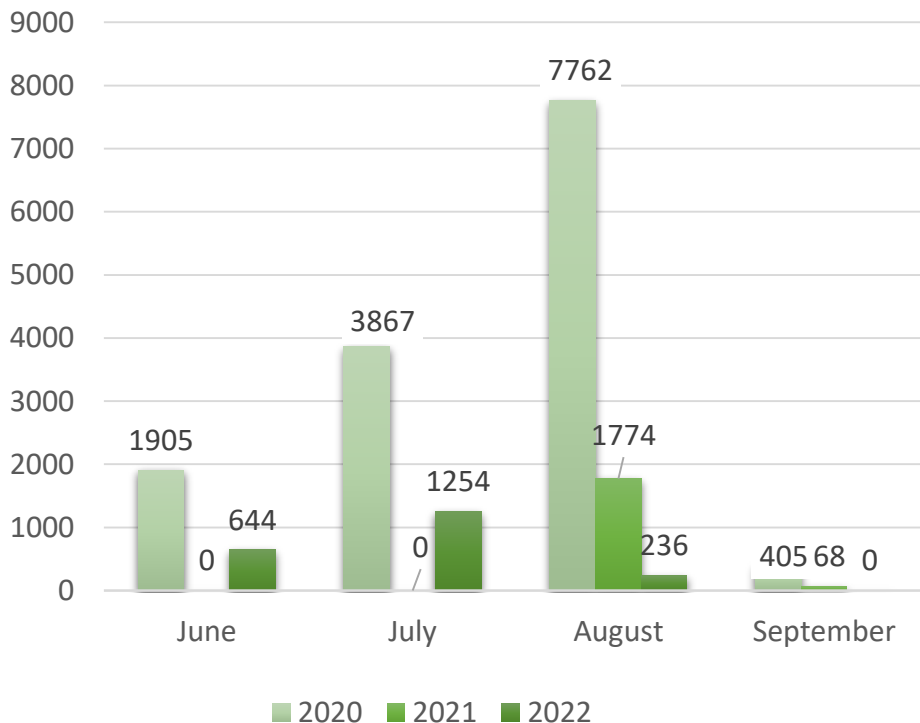


GRAVID TRAPS

Gravid Traps use highly organic water to lure in mosquitoes. These mosquitoes are typically females that have had a blood meal and are looking for a potential place to lay eggs. The mosquitoes collected from these types of traps are generally *Culex pipiens* and *Culex restuans*, that can transmit West Nile Virus. We use mosquitoes from these traps to test for disease.

The graph below compares the number of *Culex* mosquitoes trapped during the past three seasons. As shown in the graph, our counts were much higher in the beginning months than that of last season, but significantly lower than that of the 2020 season. We ended our 2022 season with 0 trap counts during September.

Gravid Trapping Data



BG-GAT TRAP

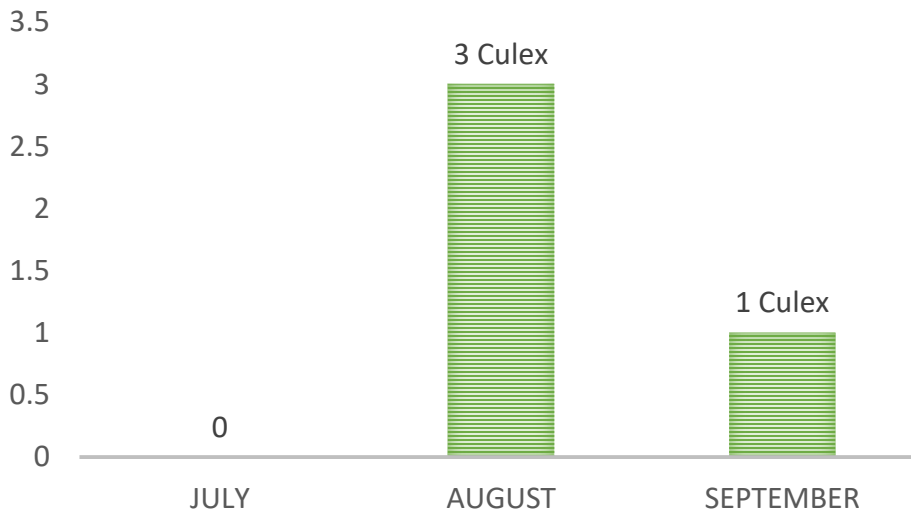
The GAT trap is primarily used to trap for specific mosquitoes, such as the Asian tiger (*Aedes albopictus*) and yellow fever mosquitoes (*Aedes aegypti*). Like the Gravid trap, this trap also draws in already fed female mosquitoes that are looking for a suitable place to lay eggs. A solution of water and highly organic matter is placed in the bottom of the bucket to lure these mosquitoes in. Once in the reap, the mosquitoes are collected on a sticky surface.

Due to very low volume of typical mosquito collections, we check and collect these traps about once a month.

We have had no past data recorded to compare collections, but as of this year we were able to collect a few different mosquitoes. None of which were either *Aedes aegypti* or *Aedes albopictus*.

The chart below shows you our collections from our single BG-GAT trap for the 2022 season.

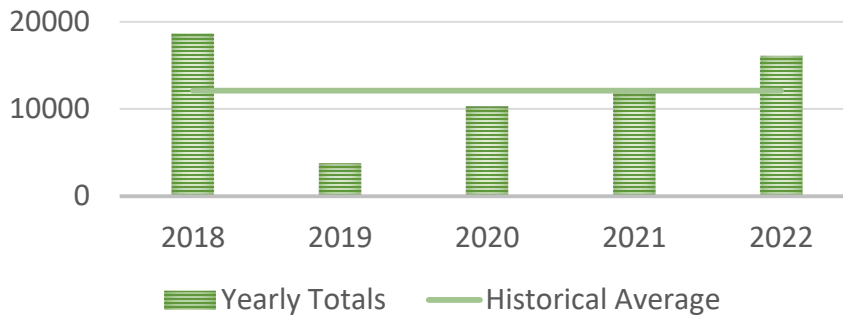
BG-GAT DATA



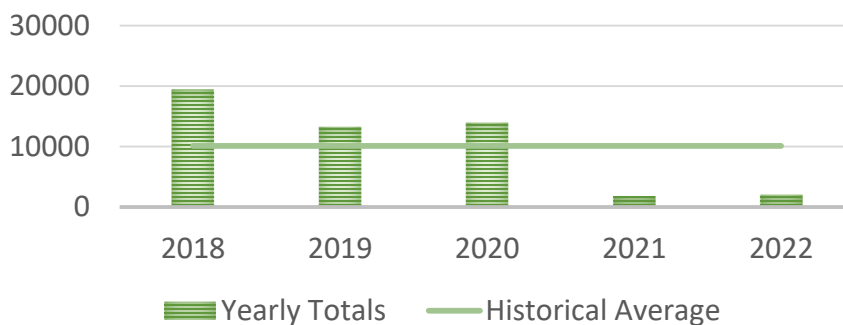
HISTORICAL TRAPPING DATA

In the two graphs shown below, you can see TCMA's Gravid trap and NJLT data compared to data collected in years prior.

HISTORICAL NJLT DATA (FEMALE MOSQUITOES)



HISTORICAL GRAVID DATA (FEMALE MOSQUITOES)



DISEASE SURVEILLANCE

The mosquitoes captured in all forms of traps, are sorted and identified. Those species, which are more likely to be involved in disease transmission, are selected for testing. These tests are used to check for the presence of West Nile Virus (WNV), St. Louis Encephalitis (SLE), Jamestown Canyon Virus (JCV) and Eastern Equine Encephalitis (EEE).

This year TCMA sent our mosquito pools to Michigan Department of Health and Human Services (MDHHS). We were able to send a total of 29 pools before MDHHS informed us that they were behind on testing. However, of the pools that were submitted, none came back positive for any diseases. We then proceeded to use our in-house testing kit to conduct disease surveillance on the rest of our collected specimen. You can find our charted in-house testing results for mosquito pools that were unable to be sent to MDHHS during the 2022 season on the next page.

The lab also conducts in house testing on dead birds that have been turned in by our county residents using the same VecTOR Test Kit. This season, we had no in house testing on found birds and all of our testing on mosquitoes came back with negative results.

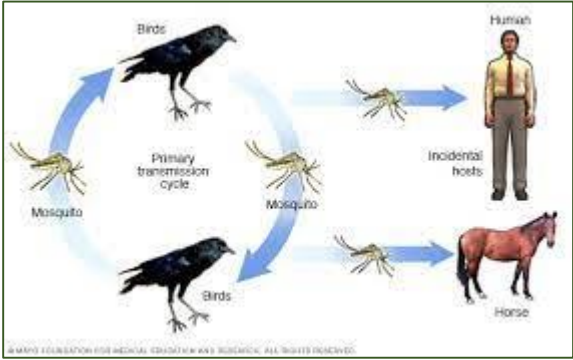


IN-HOUSE TESTING RESULTS

WNV, EEE, SLE		
In House Vector Testing Results 2022		
DATE	ITEM	NOTES
07/26/2022	Culex	Sugar Ponds- negative
07/26/2022	Culex	Kingston- negative
07/27/2022	Culex	Mayville- negative
08/02/2022	Culex	Mayville- negative
08/02/2022	Culex	Sugar Ponds- negative
08/03/2022	Culex	Millington- negative
08/03/2022	Culex	Woodvalley- negative
08/03/2022	Culex	Vassar WTP- negative
08/23/2022	Culex	Reese- negative
08/23/2022	Culex	Richville- negative
08/24/2022	Culex	Woodvalley- negative
08/24/2022	Culex	Vassar WTP- negative

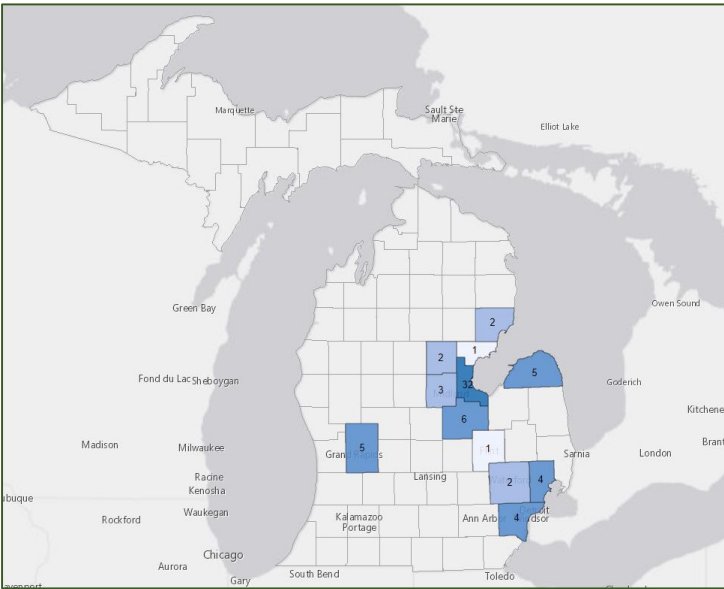
WEST NILE VIRUS

West Nile Virus (WNV) is a virus known to be the leading cause of mosquito-borne disease in the United States. This virus is commonly spread to humans by the bite of an infected mosquito, however once the virus infects a human it can not be spread to either other humans or back to mosquitoes. This is because humans are considered “dead end hosts”, meaning that the concentration of the virus in their bloodstream is usually insufficient to infect mosquitoes. Therefore, the cycle is broken and a dead-end has been created. Below you can see the WNV cycle and how mosquitoes become infected.



The next image shows the total WNV cases recorded in 2022. As you can see, no WNV cases were found during the season.

2022 WNV Cases in Michigan



EASTERN EQUINE ENCEPHALITIS

Eastern equine encephalitis (EEE) is a virus known to be transmitted between birds and mosquitoes. In some cases, even horses and humans can be susceptible to this disease.

EEE is maintained in a cycle between *Culiseta melanura* mosquitoes and avian hosts. This particular kind of mosquito is found in freshwater hardwood swamps and is not considered to be bothersome to humans, due to the fact that it almost exclusively feeds on birds. However, if a “bridge” mosquito, such as some *Aedes*, *Coquillettidia*, and *Culex* species, were to contract the virus through an infected bird, then it is likely that a horse or human can therefore obtain the disease if bitten by said infected mosquito.

However, once a human or horse has contracted EEE neither one, nor the other, can infect another mammal. Like WNV, both human and horse are considered “dead-end” hosts.

As you can see in the image below, no cases of EEE were detected in Tuscola County during the 2022 season.

2022 EEE Cases in Michigan



Arbovirus* Activity, Including West Nile Virus and Eastern Equine Encephalitis: Weekly Summary, Michigan 2022

*Arboviruses are viruses transmitted by mosquitoes or other insects

Updated: December 9, 2022

89 

Mosquito pools testing positive for arbovirus virus infection

19 

Animals testing positive for West Nile virus infection

3 

Horses testing positive for Eastern Equine encephalitis

13 

Human cases of West Nile virus or other arboviruses reported

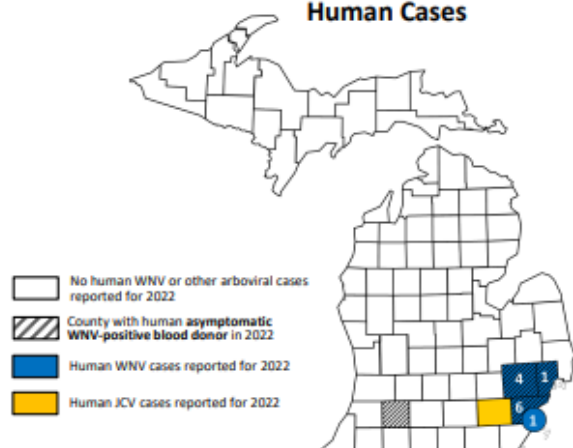
2022 Michigan Arbovirus Surveillance

Jamestown Canyon Virus Positive Mosquito Pools	12
West Nile Virus Positive Mosquito Pools	77
LaCrosse Encephalitis Virus Positive Mosquito pools	1
Total Number of Mosquito Pools Tested	4,584
Total Number of Mosquitoes Tested	67,752
Animal WNV cases	19
Animal EEE cases	4
Human WNV cases	12
Human JCV cases	1
Human asymptomatic WNV-positive blood donors	3

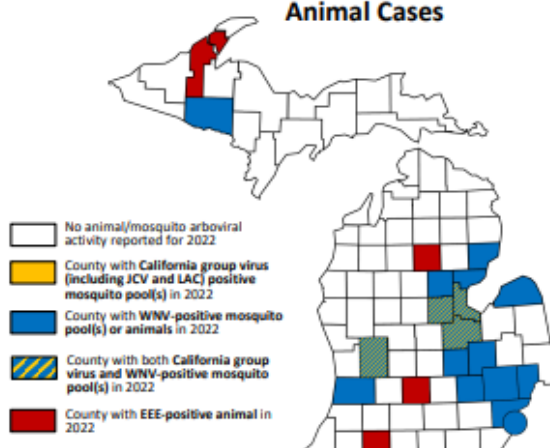
Highlights

- Three horses from Eaton, Roscommon and St. Joseph counties, and one bird from Houghton County have died from Eastern Equine encephalitis (EEE).
- One Detroit resident, one Macomb County resident, four Oakland County residents and six Wayne County residents have been sickened with West Nile Virus (WNV). One Washtenaw County resident has contracted Jamestown Canyon Virus. Four asymptomatic blood donors from Kalamazoo, Macomb, Oakland, and Wayne counties have also tested positive for WNV.
- One horse from Livingston County, eighteen birds from Allegan, Bay, Iron, Macomb, Saginaw, Shiawassee, and Wayne counties, and 77 mosquito pools from Arenac, Bay, Genesee, Gladwin, Huron, Iosco, Kent, Macomb, Midland, Oakland, Saginaw, and Wayne counties have tested positive for WNV.
- One mosquito pool from Saginaw County has tested positive for LaCrosse (LAC) encephalitis virus, and twelve mosquito pools from Bay, Kent, Midland, and Saginaw counties have tested positive for Jamestown Canyon virus (JCV).

Human Cases



Animal Cases



For more information

www.michigan.gov/westnile

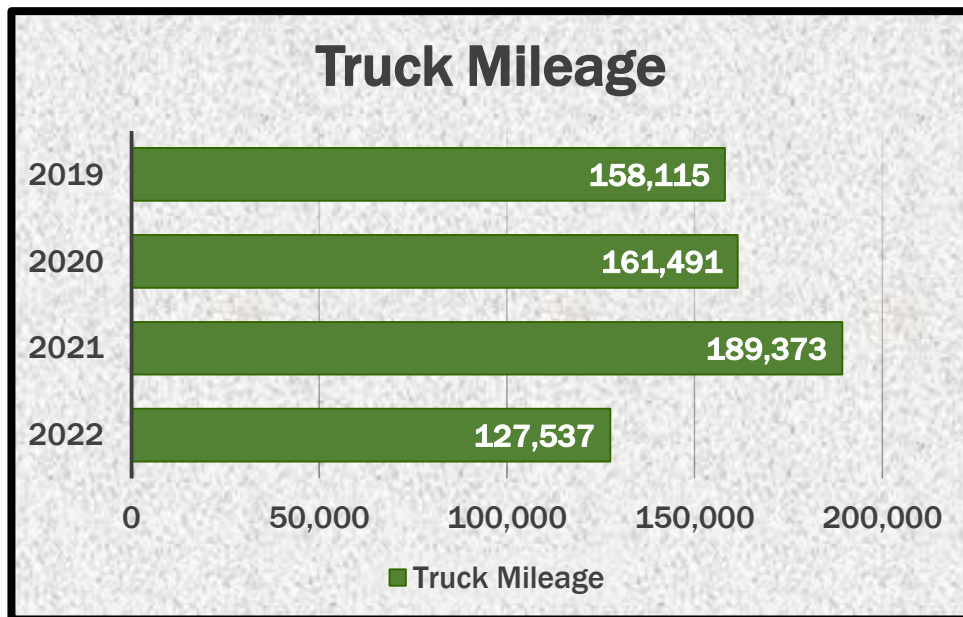


GARAGE NEWS

Pat Dennis has had a very busy season. There were five transmissions that needed work this year. He had five trucks that needed brake repair and replaced several tires. The Kawasaki Mule needed the driveline repaired. He replaced two Briggs & Stratton starters and one FMI pump and did over ninety engine oil changes between trucks and ULV foggers. He flushed 4 power steering systems and did multiple truck and small engine tune ups including numerous bulb replacements. Once again proving how much of an asset he has been to our operations-Pat has incorporated GPS units to allow road fogging trucks to be approximately 40% more effective on average which covers more territory and uses less vehicles and personnel.

Tuscola County Mosquito Abatement's twenty-one truck fleet, added 127,537 miles this season.

All truck mounted ULV's are set to deliver 4.5 ounces of Kontrol 4-4 per minute, compared to the 5 ounces used in the past. The droplet sizes produced by each ULV are measured and calibrated utilizing the Army Insecticide Measuring System (AIMS), following the label recommendations. The droplets are set to be delivered in a range that helps ensure safety and efficiency.



MEMBERSHIPS

TCMA staff are required to obtain and maintain licensing through the Michigan Department of Agriculture (MDA) as certified pesticide applicators, in both the Core Category and 7F (Mosquito Control).

To assist our technicians and ensure proper training, a review day was held on April 5th for those testing or re-certifying.

In order to stay informed of current developments, the permanent staff of TCMA are also encouraged to attend conferences, classes and seminars relating to mosquito biology and control. TCMA's Technical Advisory Committee (TAC) also provides new insight and important data in the areas of Biological Environmental Sciences.

The permanent staff of TCMA also maintains memberships and are active in the Michigan Mosquito Control Association (MMCA) and The American Mosquito Control Association (AMCA).

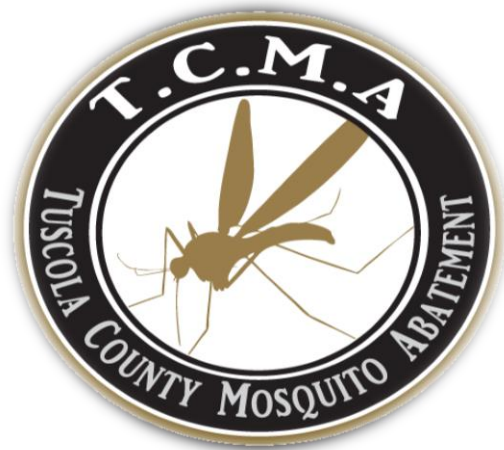
Last year the annual MMCA Convention was held virtually. At this time, the Convention is being planned as an in-person meeting in February.



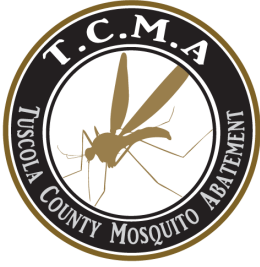
2023 PROGRAM PLANS

- 2 New Technicians
- 1 New Truck
- 1 New ULV Truck Fogging Unit
- Trial of Vectobac DT
- Trial of Essentria IC-3





1500 Press Drive
Caro, Michigan 48723
www.tuscolacounty.org



TUSCOLA COUNTY MOSQUITO ABATEMENT

1500 Press Drive
Caro, Michigan 48723-9291
989-672-3748 Phone ~ 989-672-3724 Fax
Larry Zapfe, Director

To: Tuscola County Board of Commissioners
Clayette Zechmeister-County Controller/Administrator

From: Larry Zapfe

Date: April 10, 2023

Re: Present summary of 2022 Tuscola County Mosquito Abatement Annual Report. Request permission to purchase new hot water pressure washer.

- Present summary of 2022 Tuscola County Annual Report
- Request to purchase new hot water pressure washer from Northern Tool and Equipment at a cost of \$3,799.99. This unit would replace an 8 year old unit that no longer works or can be repaired. The cost of this new unit would come from the 2023 Mosquito Abatement budget, line item #240-100-932 equipment repair and maintance.

Thank you for your time and consideration.

Respectfully,

Larry Zapfe, Director

TUSCOLA COUNTY CENTRAL DISPATCH AUTHORITY

BY-LAWS

ARTICLE I

PURPOSE, DIRECTOR AND BOARD

The Tuscola County Board of Commissioners has created the Tuscola County Central Dispatch Authority ("Authority") under the auspices of 1986 PA 32, as amended ("Act 32"). The purpose of these By-Laws is to give further definition to the procedures under which the Authority will operate.

Section 1. Purpose

The Authority's purpose shall be to administer emergency telephone dispatch operations within Tuscola County. The Authority shall adhere to the duties set forth by the compiled laws of PA 32 of 1986, PA 36 of 1989, PA 196 of 1991, PA 29 of 1994 and any future amendments.

Section 2. Director and Board

The Authority will be supervised by the T.C.C.D. Director ("Director") and the T.C.C.D. Authority Board ("Authority Board"). The Director and Authority Board shall have the powers specified herein and shall report to the Tuscola County Board of Commissioners.

ARTICLE II

FINANCES

Section 1: Fiscal Agent

The Authority shall serve, pursuant to the State of Michigan's guidelines, as the fiscal agent for Tuscola County with respect to the funding received by the County pursuant to the County's E-911 Plan and various grant applications. The Authority Board shall be responsible for establishing an approval process for all financial expenditures and for providing required financial report to any grantors and the State of Michigan, and for acting in compliance with the financial standards and requirements of the State of Michigan and Tuscola County. The Authority Board's established fiscal procedures must be formally approved by the Tuscola County Board of Commissioners.

For each fiscal year, the Authority Board shall submit for approval to the Tuscola County Board of Commissioners a budget that shall comply with the following:

1. It shall segregate anticipated revenues into accounts designed to cover expected expenditures.
2. It shall balance anticipated revenues with expected expenditures and contingency accounts.
3. No expenditure may be authorized if it will result in an actual budgetary account deficit or is at a rate which will eventually lead to an actual account deficit prior to the end of the fiscal year.
4. Except for transfers made by the County's Chief Fiscal officer as authorized in its general appropriations act, no funds shall be transferred across line items without the Authority Board submitting a transfer request to the Tuscola County Board of Commissioners for final approval.
5. The Tuscola County Board of Commissioners shall amend the budget to meet deviations in expected revenues for previously authorized expenditures.

Section 2: Audit

An annual audit of the Authority's expenditures shall be completed by the County. The audit shall meet the requirements of P.A. 29 of 1994 of the Uniform Budgeting and Accounting Act, and shall also detail on all revenues collected and/or expended for the development and/or operation of the Authority's E-911 Center.

A true copy of this annual audit shall be given to each member of the Authority Board. Each member of the Authority Board shall have the right to request other financial information regarding the Authority budget, funds and expenditures. This information shall be made available to the requesting member within ten business days.

Section 3. Fiscal Records

All funding documents prepared by or on behalf of the Authority and requiring formal action by the Tuscola County Board of Commissioners must be filed with the County Clerk, who shall maintain them with the County's fiscal records.

ARTICLE III

BOARD OF DIRECTORS

Section 1. Board members

The Authority Board shall consist of nine (9) members as follows and appointed as provided within the County's E 9-1-1 PLAN:

1. The County Sheriff
2. One representative of the Michigan State Police
3. One representative of the Townships in Tuscola County as appointed by the Tuscola County Board of Commissioners
4. One representative of the cities and villages in Tuscola County as appointed by the Tuscola County Board of Commissioners
5. One citizen-at-large appointed by the Tuscola Board of Commissioners
6. A County Commissioner as appointed by the Tuscola County Board of Commissioners
7. One representative from the Chief of Police Association as appointed by the Tuscola County Board of Commissioners
8. One representative from the Fire Chief's Association as appointed by the Tuscola County Board of Commissioners
9. One representative from Emergency Medical Services as appointed by the Tuscola County Board of Commissioners

Section 2. Board Terms

Board members shall serve for a term of two (2) years running from the first regular meeting in January of each odd or even numbered year as provided within the County E-911 Plan. Each member shall remain in office until a successor is duly appointed, or until the member resigns, or is disqualified because the conditions that qualified the member for appointment are no longer present, or because he or she has otherwise been removed by the Tuscola County Board of Commissioners for cause. Only a County Commissioner in office may be the Board of Commissioners' representative. The Authority Board shall elect its own officers in January of each year.

Section 3. Absence

Expected absences should be reported to the secretary of the Authority in advance of the regularly scheduled meeting. More than two (2) unexcused or three (3) excused absences per year shall constitute cause for removal from the Authority Board.

Section 4: Regular Meetings

- a. Regular meetings of the Authority Board shall be held on a pre-announced schedule, to be held at least quarterly or as otherwise may be needed. The Authority Board must have a meeting in January of each year to elect officers for the year.
- b. All proceedings of the Authority Board and any committee of the Authority shall be publicly announced and open to the public in accordance with and subject to the provisions of Michigan's Freedom of Information and Open Meetings Act, Public Act 442 of 1976 and Public Act 267 of 1976 inclusive, and Acts amended thereto.

Section 5: Special Meetings

If special meetings are called, each member of the Authority Board shall be advised, and a public notice posted, at least twenty-four (24) hours prior to the special meeting. Special meetings shall be called by the Chairperson of the Authority Board or by a majority of the members of the Authority and notice of the meeting posted pursuant to the requirements of the Open Meetings Act.

Section 6: Other Representatives

An Authority member may be represented at a board meeting by a representative, provided that such representative shall not be counted for purposes of determining a quorum and shall not be permitted to cast a vote on board action. Notwithstanding the above, the Sheriff and State Police Authority Board member may appoint a representative, and their representatives shall be counted in calculating a quorum and may vote.

Section 7: Compensation

There shall be no compensation to any Authority member, except as may be provided by the Tuscola County Board of Commissioners.

Section 8: Conflict of Interest

Members of the Authority Board or agencies represented by the member, shall not benefit financially from Authority membership. If an Authority member or his or her agency is being considered for a contract or other funding by the Authority, that member must declare that he or she is in conflict of interest. That member may not participate in discussions or voting concerning that contract or funding decision about which there is conflict of interest. However, that member may be available to the

Authority to answer questions that may be raised by other authority members.

Section 9: Resignation

Resignation from the Authority Board shall be by written letter to be submitted to the Chairperson of the Authority Board and to the Chairperson of the Tuscola County Board of Commissioners. The resignation shall be effective upon receipt of such notice by the Tuscola County Board of Commissioners.

Section 10: Budget Adoption

An annual meeting shall be required for the purpose of approving the next calendar year budget for the Authority. This approval shall require that a majority of the Authority Board members appointed and serving. This approval shall constitute the Authority Board's recommendation to the Tuscola County Board of Commissioners for adoption of the Authority budget.

Section 11: Voting

Each permanent member of the Authority Board shall have one (1) vote, unless as prescribed within the Tuscola County E 9-1-1 Service Plan. The act of a majority of the Authority Board members present and voting at any regular meeting or special meeting with a quorum present, shall be the act of the whole Authority except as otherwise provided by these By-Laws. All votes of members of the Authority shall be recorded and shall become matters of public record.

Section 12: Quorum

No official business shall be conducted without a proper quorum. the quorum shall constitute five (5) members of the Authority Board.

ARTICLE V

AUTHORITY AND DUTY OF OFFICERS

OFFICERS

Section 1: Elected Officers

The elected officers of the Authority shall consist of a chairperson, a vice-chairperson and a secretary.

Section 2: Qualification

Elected officers shall be voting members of the Authority.

Section 3: Chairperson

The Chairperson will preside at all Authority Board meetings and will create such committees as deemed necessary by the Authority Board, and shall make appointments to those committees with concurrence of the Authority Board members.

Section 4. Vice-Chairperson

The Vice-Chairperson will assume the duties of the Chairperson in his/her absence.

Section 5. Secretary

The secretary will ensure that minutes are prepared and available as a matter of public record, public notice posting of meetings, and/or changes. The secretary shall distribute copies of all; meeting minutes to each Authority Board within 14 days of the conclusion of each meeting.

Section 6. Terms of Office

The term of office for officers shall be one (1) year from the first regular meeting or until successors are duly elected. Election of officers shall occur in January of each year. The term of office shall be effective upon election.

Section 7. Resignation

Resignation from office shall be written letter submitted to the Authority Board.

Section 8. Vacancies

Vacancies of officers shall be filled by a special election conducted by the Authority Board for the remaining term of office. Notification of newly appointed officers shall be provided to the Tuscola County Board of Commissioners.

ARTICLE VI

DIRECTOR

Section 1: Appointment

The Authority Board shall review candidates for the position of Director. The Tuscola County Board of Commissioners shall make the appointment of the Director from the candidates reviewed by the Authority Board after giving consideration to the Authority Board's recommendations.

Section 2: Term

The Director shall serve at the will of the Tuscola County Board of Commissioners.

Section 3: Duties

The Director shall be responsible for the day to day operation of the Emergency Dispatch Center within policies set by the Authority Board. Any dispute between the Director and Authority Board regarding such policies shall be resolved by the Tuscola County Board of Commissioners. The Tuscola County Board of Commissioners shall define the Directors' duties through a job description. The Director shall keep an accurate accounting of the financial operations of the Authority and shall report on such financial activities at each Authority Board meeting.

ARTICLE VII

AMENDMENTS

Section 1. Amendments

These By-laws may be amended at any time by resolution approved by two-thirds of the Tuscola County Board of Commissioners.

ARTICLE VIII

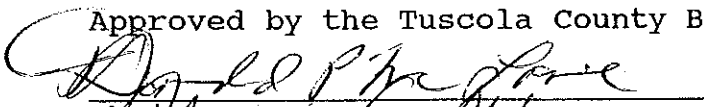
EFFECTIVE DATE

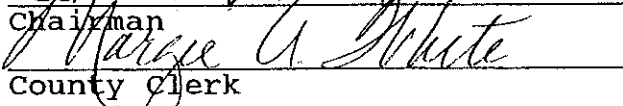
Section 1. Effective Date

These By-Laws shall become effective immediately after an affirmative vote of two-thirds of the Tuscola County Board of Commissioners appointed and serving.

AUTHORIZED SIGNATURES

Approved by the Tuscola County Board of Commissioners:



Chairman


County Clerk

TUSCOLA COUNTY CENTRAL DISPATCH AUTHORITY

BY-LAWS

ARTICLE I

PURPOSE, DIRECTOR, AND BOARD

The Tuscola County Board of Commissioners has created the Tuscola County Central Dispatch Authority (“Authority”) under the auspices of 1986 PA 32, as amended (“Act 32”). The purpose of these By-Laws is to give further definition to the procedures under which the Authority will operate.

Section 1. Purpose

The Authority’s purpose shall be to administer emergency telephone dispatch operations within Tuscola County. The Authority shall adhere to the duties set forth by the compiled laws of PA 32 of 1986, PA 196 of 1991, PA 29 of 1994, and any further amendments.

Section 2. Director and Board

The Authority will be supervised by the T.C.C.D Director (“Director”) and the T.C.C.D Authority Board (“Authority Board”). The Director and Authority Board shall have the powers specified herein and shall report to the Tuscola County Board of Commissioners.

ARTICLE II

FINANCES

Section 1: Fiscal Agent

The Authority shall serve, pursuant to the State of Michigan’s guidelines, as the fiscal agent for the Tuscola County with respect to the funding received by the County pursuant to the County’s E-911 Plan and various grant applications. The Authority Board shall be responsible for establishing an approval process for all financial expenditures and for providing required financial report to any grantors and the State of Michigan, and for acting in compliance with the financial standards and requirements of the State of Michigan and Tuscola County. The Authority Board’s established fiscal procedures must be formally approved by the Tuscola County Board of Commissioners.

For each fiscal year, the Authority Board shall submit for approval to the Tuscola County Board of Commissioners a budget that shall comply with the following:

1. It shall segregate anticipated revenues into account expenditures designed to cover expected expenditures.
2. It shall balance anticipated revenues with expected expenditures and contingency accounts.
3. No expenditure may be authorized if it will result in an actual budgetary account deficit or is at a rate which will eventually lead to an actual account deficit prior to the end of the fiscal year.
4. Except for the transfers made by the County's Chief Fiscal Officer as authorized in its general appropriation act, no funds shall be transferred across line items without the Authority Board submitting a transfer request to the Tuscola County Board of Commissioners for final approval.
5. The Tuscola County Board of Commissioners shall amend the budget to meet deviations in expected revenues for previously authorized expenditures.

Section 2. Audit

An annual audit of the Authority's expenditures shall be completed by the County. The audit shall meet the requirements of PA 29 of 1994 of the Uniform Budgeting and Accounting Act, and shall also detail all revenues collected and/or expended for the development and/or operation of the Authority's E-911 Center.

A true copy of this annual audit shall be given to each member of the Authority Board. Each member of the Authority Board shall have the right to request other financial information regarding the Authority budget, funds, and expenditures. This information shall be made available to the requesting member within ten business days.

Section 3. Fiscal Records

All funding documents prepared by or on behalf of the Authority Board and requiring formal action by the Tuscola County Board of Commissioners must be filed with the County Clerk, who shall maintain them with the County's fiscal records.

ARTICLE III

BOARD OF DIRECTORS

The Authority Board shall consist of nine (8) members as follows and appointed as provided within the County's E-911 Plan:

1. The County Sheriff
2. One representative of the Michigan State Police
3. Emergency Services Manager
4. One representative of the County Commissioner's
5. One representative from Chief of Police Association
6. One representative from the Fire Chief's Association
7. One representative from Emergency Medical Services
8. Dispatch Director- nonvoting member

Section 2. Appointments

Board members shall be appointed by the following means:

1. County Sheriff, as elected by the residents of Tuscola County
2. Michigan State Police, Post Commander or designee appointed by Post Commander
3. Emergency Services Manager as selected by the Sheriff or the Board of Commissioners.
4. County Commissioner, Appointed by the Board of Commissioners
5. Chief of Police Association, member will be selected by the Police Chiefs Association with final approval by the Board of Commissioners.
6. Fire Chief's Association member will be selected by the Fire Chief's Association with final approval by the Board of Commissioners.
7. Emergency Medical Services applicants will submit a letter of intent to the Board of Commissioners for final selection. EMS Board Member must be active member for an EMS provider in Tuscola County.

Section 2. Board Terms

Board members shall serve for a term of two (2) years running from the first regular meeting in January of each odd or even numbered year as provided within the County E-911 Plan. Each member shall remain in office until a successor is duly appointed, or until the member resigns, or is disqualified because of the conditions that qualified the member for appointment are no longer present, or because he or she has otherwise been removed by the Tuscola county Board of Commissioners for cause. Only a County Commissioner in office may be the Board of Commissioner's Representative. The Authority Board shall elect its own officers in January of each year.

Section 3. Absence

Expected absences should be reported to the Secretary of the Authority in advance of the regularly scheduled meeting. More than two (2) unexcused or three (3) excused absences per year shall constitute cause for removal from the Authority Board.

Section 4. Regular Meetings

1. Regular meetings of the Authority Board shall be held on a pre-announced schedule, to be held at least quarterly or as otherwise may be needed. The Authority Board must have a meeting in January of each year to elect officers for the year.
2. All procedures of the Authority Board and any committee of the Authority shall be publicly announced and open to the public in accordance with and subject to the provisions of Michigan's Freedom of Information and Open Meetings Act, Public Act 442 of 1976 and Public Act 267 of 1976 inclusive, and Acts amended thereto.

Section 5. Special Meetings

If special meetings are called, each member of the Authority board shall be advised, and public notice posted, at least twenty-four (24) hours prior to the special meeting. Special meetings shall be called by the Chairperson of the Authority Board or by a majority of the members of the Authority and the notice of the meeting posted pursuant to the requirements of the Open Meetings Act.

Section 6. Other Responsibilities

An authority member may be represented at a board meeting by a representative, provided that such a representative shall not be counted for purposes of determining a quorum and shall not be permitted to cast a vote on board action. Notwithstanding the above, the Sheriff and State Police Authority Board member may appoint a representative, and their representatives shall be counted in calculating a quorum and may vote.

Section 7. Compensation

There shall be no compensation to any Authority member, except as may be provided by the Tuscola County Board of Commissioners.

Section 8. Conflict of Interest

Members of the Authority Board or agencies represented by the member, shall not benefit financially from Authority membership. If an Authority member or his or her agency is being considered for a contract or other funding by the Authority, that member must declare that he or she is in conflict of interest. That member may not participate in discussions or voting concerning that contract or funding decision about which there is conflict of interest. However, that member may be available to the Authority to answer questions that may be raised by other authority members.

Section 9. Resignation

Resignation from the Authority Board shall be by written letter to be submitted to the Chairperson of the authority Board and to the Chairperson of the Tuscola county Board of Commissioners. The resignation shall be effective upon receipt of such notice by the Tuscola County Board of Commissioners.

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Each permanent member of the authority Board shall have one (1) vote, unless as prescribed within the Tuscola County E-911 Service Plan. The act of majority of the Authority Board members present and voting at any regular meeting or special meeting with a quorum present, shall be the act of the whole Authority except as otherwise, provided by these By-Laws. All votes of members of the Authority shall be recorded and shall become matters of public record.

Section 12. Quorum

No official business shall be conducted without a proper quorum. The quorum shall constitute five (5) members of the Authority Board.

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The Chairperson will preside at all Authority Board meetings and will create such committees as deemed necessary by the authority Board, and shall make appointments to those committees with concurrence of the authority Board members.

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The Vice-Chairperson will assume the duties of the chairperson in his/her absence.

Section 5. Secretary

The Secretary will ensure that minutes are prepared and available as a matter of public record, public notice posting of meetings, and/or changes. The Secretary shall distribute copies of all; meeting minutes to each Authority Board within 14 days of the conclusion of each meeting.

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Vacancies of Officers shall be filled by a special election conducted by the Authority Board for the remaining term of office. Notification of newly appointed officers shall be provided to the Tuscola County board of Commissioners.

ARTICLE VI

DIRECTOR

Section 1. Appointment Process

The Authority Board shall review candidates for the position of Director. Interviews of the potential director candidates will be done by a sub-committee consisting of the following members:

- Board of Commissioner - Authority Board Member
- County Controller
- County Sheriff
- Current Dispatch Director (?)
- Fire Chief's Representative Board Member
- Human Resources representative from the County
- Michigan State Police Authority Board Member

Sub-Committee will be constructed with the above listed Board Members. Board Members with conflicts of interest can be substituted with other Authority Board Members. In the event the previous Dispatch Director was terminated, this position can be filled by a Dispatch Director from a surrounding county.

The Sub-Committee shall determine the top candidates for consideration, if there is a superior candidate, they can make the final recommendation directly to the Board of Commissioners for appointment.

The Tuscola County Board of Commissioners shall make the appointment of the Director from the candidates reviewed by the Authority Board and/or the Sub-Committee recommendations.

Section 2. Term

The Director shall serve at the will of the Tuscola County Board of Commissioners.

Section 3. Duties

The Director shall be responsible for the day to day operation of the Emergency Dispatch Center within policies set by the Authority Board. Any dispute between the Director and the Authority Board regarding such policies shall be resolved by the Tuscola County Board of Commissioners. The Tuscola County Board of Commissioners shall define the Director's duties through a job description. The Director shall keep an accurate accounting of the financial operations of the authority and shall report on such financial activities at each Authority Board meeting.

ARTICLE VII

AMENDMENTS

Section 1. Amendments

These By-Laws may be amended at any time by the resolution approved by two-thirds of the Tuscola County Board of Commissioners.

ARTICLE VIII

EFFECTIVE DATE

Section 1. Effective Date

These By-Laws shall become effective immediately after an affirmative vote of two-thirds of the Tuscola County Board of Commissioners appointed and serving.

AUTHORIZED SIGNATURES

Approved by the Tuscola county Board of Commissioners:

Chairman

County Clerk

EMERGENCY 9-1-1 SERVICE ENABLING ACT (EXCERPT)
Act 32 of 1986

***** 484.1320 THIS SECTION IS REPEALED BY ACT 126 OF 2021 EFFECTIVE DECEMBER 31, 2027

484.1320 Emergency 9-1-1 district board; creation; membership, powers, and duties; appropriations to board; contracts; system to be used in dispatching participating service units; basis for determination.

Sec. 320. (1) The county shall create an emergency 9-1-1 district board if a county creates a consolidated dispatch within an emergency 9-1-1 district after March 2, 1994.

(2) The membership of the board and the board's powers and duties are determined by the county board of commissioners. The membership of the board must include a representative of the county sheriff or his or her designated representative, a representative of the Michigan state police designated by the director of the Michigan state police, and a firefighter. If the emergency 9-1-1 district consists of more than 1 county, the president of the Michigan Sheriffs' Association shall appoint the sheriff representative.

(3) A county or other public agency may make appropriations to the emergency 9-1-1 district board.

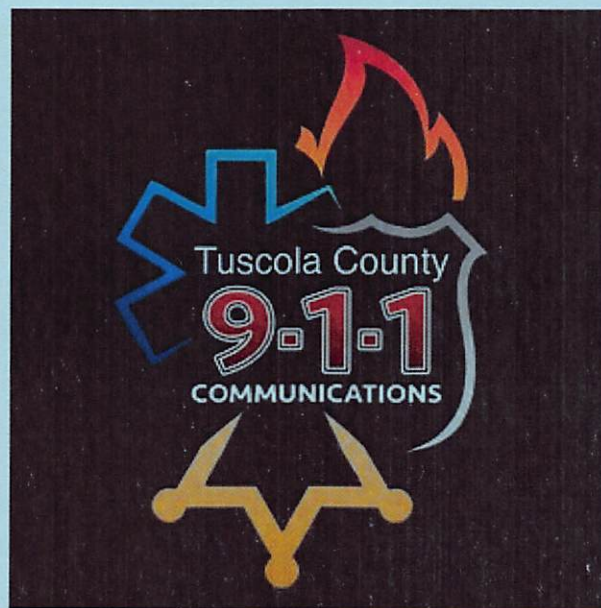
(4) A public agency may contract with the emergency 9-1-1 district board, and persons who are both members of the board and of the governing body of the public agency may vote both on the board and the body if approved by the contract.

(5) The basis under which a consolidated dispatch meets the requirement for being a primary PSAP under section 102 determines the system to be used in dispatching participating service units.

History: Add. 1994, Act 29, Imd. Eff. Mar. 2, 1994;—Am. 1998, Act 122, Imd. Eff. June 10, 1998;—Am. 2007, Act 164, Imd. Eff. Dec. 21, 2007;—Am. 2021, Act 126, Imd. Eff. Dec. 17, 2021.

Popular name: 9-1-1

Tuscola County Central Dispatch



POLICE • FIRE • EMS

2022

Annual Report

Central Dispatch 2022 Annual Report

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TC911 Mission Statement

Safety is Our First Priority.

We have been entrusted with a sacred duty to provide the very best level of service to the citizens of Tuscola County and our Public Safety Family by answering 911 and non-emergency calls in a prompt, efficient, and professional manner. Dispatching the appropriate response we help save lives, protect property, and assist citizens in their time of need.

In These Values We Believe

Unity

We trust, respect, and care for each other and treat everyone as a valued member of our team.

Service

Safety is our first priority. Residents of Tuscola County are the focus of everything we do.

Integrity

We are committed to the highest level of professional and ethical conduct.

Compassion

Prevent and alleviate human suffering in the face of emergencies by mobilizing the power of people.

Vision

Building Trust is Our Goal

To provide service in a manner that fosters trust, respect, and confidence so that we are a trusted, respected, and a valued member of the Tuscola County Public Safety Team

2022 Tuscola County Central Dispatch Accomplishments

Listed below are some of the achievements Central Dispatch accomplished in 2022.

As we all know, 2022 brought about many changes and challenges. First, we said goodbye to former Director Sandra Nielsen and welcomed her successor, Jonathon Ramirez. Second, was recognizing the challenges of technology being easily accessible within the dispatch center and embracing it to facilitate citizen and first responder safety.

Dispatch answered and handled over 40,000 requests for emergency and non-emergency services. One of the biggest accomplishments this year was the reducing the ambulance dispatch times by utilizing automatic vehicle locator (AVL) technology. An AVL is a device that makes use of the Global Positioning System (GPS) to enable dispatch to remotely track the location of its vehicle fleet by using the internet and sending the closest ambulance to an emergency. Previously, ambulances were held to geographical boundaries.

Central Dispatch was approved for funding from the America Rescue Plan (ARPA) funds that were granted to Tuscola County from the Federal Government. With the secured amount of \$266,669 TCCD was able to bring their 400 foot communications tower up to the FAA standards for daytime lighting and remote monitoring. The cost of the tower upgrade was \$28,980. Dispatch was able to upgrade the radio consoles and hardware to allow the freedom to move forward with radio encryption. The radio encryption will allow secured communications amongst first responders on everyday tasks but also the possibility of active assailant situations. The cost for this project was \$178,934. Lastly, dispatch was allowed the funding to secure a new generator. The \$58,755 dollar project has a lead out time of 1 year before the generator can be delivered and installed.

This project gained traction when an annual maintenance inspection found it was outdated and parts were almost nonexistent. The project came to be a real world problem when during a storm, the TCCD lost power and was operating on a battery backup system. The batteries intended for emergency use performed flawlessly as expected. However, the generator in place never started to relieve those batteries and charge them. Quick actions from the Tuscola County Building and Grounds team was able to provide power without interruption. The Emergency Manager, Deputy Steve Anderson, was able to provide a portable generator as backup until the new power unit arrived.

2022 was really the year of unification and teamwork. Tuscola County Chief Information Officer, Ean Lee, was able to levy a new law enforcement support position filled by Tim Green. Tim Green splits his time between the Tuscola County Sheriff's Office and Central Dispatch. The teamwork between IT and other entities has been the backbone of the recent success and progression of the Dispatch Center.

Central Dispatch was once again recognized by the Saginaw-Tuscola Medical Control authority. Dispatcher Amanda Berlin received a Stork award for giving instructions and assisting in delivering a baby girl and a separate lifesaving award. Dispatchers Brandon Bertram, Chad Tumblin and Allison Dickerson also received lifesaving awards. These awards are extremely difficult to obtain and everyone should be very proud of the professionalism and exemplary performance that all Tuscola County Central Dispatch staff display each and every day.

We continued to participate in various organizations and meetings both in person and virtually. Director Ramirez regularly attended Police Chief's meetings, Fire Chief's meetings, All Hazards meetings, Medical Control meetings, Child Death Review Board, Tuscola County Mental Health, and Authority Board and TAC Committee Meetings.

As the Director, Jonathon Ramirez is a member of the Michigan Communications Directors Association (MCDA). The association meets 6 times a year and works together to ensure stable funding for dispatch centers, keep current on pending 9-1-1 legislation, LEIN problems, funding issues, MPSCS radio system and other issues as they occur. Another well represented meeting is the Emerging Technology Conference to give insight to the advancement of NG911.

Central Dispatch continued training dispatchers using funding from the wireless surcharge. Each dispatcher attends classes to maintain EMD certification and the State required training standards. In 2022 we received \$11,604 which, can only be used for State approved training courses. Dispatchers are able to attend Emergency Medical Dispatch, Communications Training Officer Courses, stress management, domestic violence and suicidal caller courses to name a few. We were also able to send the newest hires to 40 hour beginning dispatcher school, 40 hour advanced dispatcher school and EMD training. The dispatchers were able to attend 336 hours of training.

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Brief History on 9-1-1 and the telephone surcharge

1986 - Public Act 32, 1986 permitted the voters of a county to authorize up to 16% of the lesser of \$20.00 or highest monthly flat rate charged by a telephone provider. 4% could be assessed by a vote of the commissioners.

1991 - 9-1-1 was established in Tuscola County as part of the Sheriff's Department and the first 9-1-1 call was received in April.

1996 - Voters approved a surcharge to fund 9-1-1, purchase a radio system and build a Dispatch facility. Central Dispatch became a separate office removed from under control of the Sheriff Department. At that time the wire line surcharge was established at \$2.66

1998 - Central Dispatch moved from Sheriff's Department to their own building

2000 - November Telephone surcharge renewed.

2001 - Sept raised surcharge from \$2.66 to \$3.35 to offset the cost of the new CAD system.

2003 - June reduced surcharge from \$3.35 to \$3.10. CAD system was paid in full.

2004 - Stable funding work group established to seek a fair and equal surcharge for all devices.

2005 - November 8th voters renewed the surcharge on wireline phones to extend to December 31, 2011. 1874 Yes to 640 No

2006 - April 11, final payment on original 9-1-1 bond for the building and EFJ radio was made.

2006 - October raised wireline surcharge from \$3.10 to \$3.35 due to decreasing wire line phones and continuing revenue loss.

2007 - January raised wireline surcharge from \$3.35 to \$4.00 due to decreasing wire line phones and continuing revenue loss.

2007 - MPSC through the ETSC and State 911 Coordinators office to gather info to establish a stable funding equal for all devices.

2007 - December Legislature Passed PA 164 & 165 establishing stable funding.

2008 - March MPSC overruled recommendation from the ETSC as to what 46 counties could assess for a surcharge. Tuscola County included. Tuscola requested \$2.09, MPSC allowed \$1.80

2008 - December Public Act 379 signed into law continuing one surcharge for all devices and extending the Sunset.

2012 – Moved to Motorola Radio System was completed.

2013 – Lawsuit with the MPSC settled. Tuscola County's Surcharge was increased from \$1.80 to \$2.03. Tuscola decided not to seek retroactive surcharge back to July 2007. This would have delayed the decision up to 18 months.

2015 – Central Dispatch moved to Intrado IP phone system. Went live December 16.

2016 – Central Dispatch implemented Smart 911 and an Emergency Notification System. Went live March 15.

2017 – SB400 was introduced to the legislatures to update the technical surcharge to cover the cost of implementing and maintaining NG911 systems.

2018 – SB400 was passed to update the technical surcharge to cover the cost of implementing and maintaining NG911 systems.

2019/ 2020 – Moved to 800mhz State paging system for ambulance and fire departments.

2020 – Selected a new CAD (computer aided dispatch) program and began the programming process.

2021 – HB5026 was passed which amends the Emergency 9-1-1 Service Enabling Act to continue funding until December 31, 2027. April went live with a new CAD (computer aided dispatch) program.

2022- With the support from the County Commissioners, Dispatch through the appropriation of funds was able to secure upgraded LED lighting and remote monitoring of the 400 ft radio communications tower. This rectified visibility deficiencies for FAA and FCC regulations to day and night time illumination and reporting standards. Motorola radio consolettes that were reaching end of life schedules were also upgraded to allow radio encryption capabilities for the future. Changes made to the phone and CAD systems now allows the dispatch center to relocate if ever needed due to a natural disaster or utility disruption. Working with the Chief Information Officer Eean Lee and Emergency Services Manager Deputy Steve Anderson led to the planning and implementation of a backup dispatch location in a newly acquired and remodeled Tuscola County Building in downtown Caro.

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2019/ 2020 – Moved to 800mhz State paging system for ambulance and fire departments.

2020 – Selected a new CAD (computer aided dispatch) program and began the programming process.

2021 – HB5026 was passed which amends the Emergency 9-1-1 Service Enabling Act to continue funding until December 31, 2027. April went live with a new CAD (computer aided dispatch) program.

2022- With the support from the County Commissioners, Dispatch through the appropriation of funds was able to secure upgraded LED lighting and remote monitoring of the 400 ft radio communications tower. This rectified visibility deficiencies for FAA and FCC regulations to day and night time illumination and reporting standards. Motorola radio consolettes that were reaching end of life schedules were also upgraded to allow radio encryption capabilities for the future. Changes made to the phone and CAD systems now allows the dispatch center to relocate if ever needed due to a natural disaster or utility disruption. Working with the Chief Information Officer Eean Lee and Emergency Services Manager Deputy Steve Anderson led to the planning and implementation of a backup dispatch location in a newly acquired and remodeled Tuscola County Building in downtown Caro.

Brief History on 9-1-1 and the telephone surcharge

1986 - Public Act 32, 1986 permitted the voters of a county to authorize up to 16% of the lesser of \$20.00 or highest monthly flat rate charged by a telephone provider. 4% could be assessed by a vote of the commissioners.

1991 - 9-1-1 was established in Tuscola County as part of the Sheriff's Department and the first 9-1-1 call was received in April.

1996 - Voters approved a surcharge to fund 9-1-1, purchase a radio system and build a Dispatch facility. Central Dispatch became a separate office removed from under control of the Sheriff Department. At that time the wire line surcharge was established at \$2.66

1998 - Central Dispatch moved from Sheriff's Department to their own building

2000 - November Telephone surcharge renewed.

2001 - Sept raised surcharge from \$2.66 to \$3.35 to offset the cost of the new CAD system.

2003 - June reduced surcharge from \$3.35 to \$3.10. CAD system was paid in full.

2004 - Stable funding work group established to seek a fair and equal surcharge for all devices.

2005 - November 8th voters renewed the surcharge on wireline phones to extend to December 31, 2011. 1874 Yes to 640 No

2006 - April 11, final payment on original 9-1-1 bond for the building and EFJ radio was made.

2006 - October raised wireline surcharge from \$3.10 to \$3.35 due to decreasing wire line phones and continuing revenue loss.

2007 - January raised wireline surcharge from \$3.35 to \$4.00 due to decreasing wire line phones and continuing revenue loss.

2007 - MPSC through the ETSC and State 911 Coordinators office to gather info to establish a stable funding equal for all devices.

2007 - December Legislature Passed PA 164 & 165 establishing stable funding.

2008 - March MPSC overruled recommendation from the ETSC as to what 46 counties could assess for a surcharge. Tuscola County included. Tuscola requested \$2.09, MPSC allowed \$1.80

2022 - 9-1-1 Calls and 7 digit calls received by Central Dispatch

Jan:	911 calls	1445
	Total 911 for Yr	1445
	Total 7 Digit Jan	1403
	Total 7 Digit Yr	1403
	7 Digit Out Jan	1137
	7 Digit Out Year	1137
Feb:	911 calls	1271
	Total 911 for Yr	2674
	Total 7 Digit Feb	1299
	Total 7 Digit Yr	2702
	7 Digit Out Feb	1072
	7 Digit Out Year	2209
March:	911 calls	1328
	Total 911 for Yr	4002
	Total 7 Digit Mar	1405
	Total 7 Digit Yr	4107
	7 Digit Out Mar	985
	7 Digit Out Year	3194
April:	911 calls	1500
	Total 911 for Yr	5502
	Total 7 Digit Apr	1461
	Total 7 Digit Yr	5568
	7 Digit Out Apr	916
	7 Digit out Year	4110
May:	911 calls	1655
	Total 911 for Yr	7157
	Total 7 Digit May	1497
	Total 7 Digit Yr	7065
	7 digit Out May	982
	7 Digit Out Year	5092
June:	911 calls	1762
	Total 911 for Yr	8827
	Total 7 Digit June	1657
	Total 7 Digit Yr	8722
	7 Digit Out Jun	1131
	7 Digit Out Year	6223

July:	911 calls	1747
	Total 911 for Yr	10574
	Total 7 Digit Jul	1618
	Total 7 Digit Yr	10340
	7 Digit Out Jul	1124
	7 Digit Out Year	7347
Aug:	911 calls	1650
	Total 911 for Yr	12224
	Total 7 Digit Aug	1619
	Total 7 Digit Yr	11959
	7 Digit Out Aug	1034
	7 Digit Out Year	8381
Sept:	911 calls	1493
	Total 911 for Yr	13717
	Total 7 Digit Sept	1467
	Total 7 Digit Yr	13426
	7 Digit Out Sept	1017
	7 Digit Out Year	9398
Oct:	911 calls	1702
	Total 911 for Yr	15419
	Total 7 Digit Oct	1663
	Total 7 Digit Yr	15089
	7 Digit Out Oct	1123
	7 Digit Out Year	10521
Nov:	911 calls	1701
	Total 911 for Yr	17120
	Total 7 Digit Nov	1607
	Total 7 Digit Yr	16696
	7 Digit Out Nov	1207
	7 Digit Out Year	11728
Dec:	911 calls	1650
	Total 911 for Yr	18770
	Total 7 Digit Dec	1607
	Total 7 Digit Yr	18303
	7 Digit Out Dec	1050
	7 Digit Out Year	12778

2022 Event Type Summary

Event	# Events
BOMB THREAT	5
BANK ALARM	27
CSC	191
VCSA	61
911HANGUP	2,167
911OPEN	2,128
ABANDON VEHICLE	61
ACCIDENT OTHER	5
ALARM	679
ANIMAL	710
ANIMAL BITE	43
ARREST	102
ASSAULT	194
ASSIST	141
ATL	110
B&E	193
BURN PERMIT	129
CHILD ABUSE	182
CAR-DEER	1,095
CIVIL	758
CONTRIBUTE TO DELIQ MINOR	1
DECEASED	26
DISORDERLY CONDUCT	125
DSTPEACE	162
DNR	107
DOMESTIC	843
DRIVE OFF	21
DUPLICATE	34
EQUIPMENT PROBLEM DISPA1	16
EXTRA PATROL	84
FELONIOUS ASSAULT	17
FIGHT IN PROGRESS	37
FIRE	459
FIREWORKS	27
FOLLOWUP	1,727
FOUND PROPERTY	81
FRAUD	387
GENERAL ASSISTANCE	1,010
HARASSMENT	253
H/R PDA	152
H/R PIA	10
JAIL INCIDENT	8
KIDNAPPING	6
KEYS LOCKED IN VEHICLE	89
LARCENY	293
LIQUOR INSPECTION	368
LITTERING	22
LOST PROPERTY	38
MDOP	196
MEDICAL	6,939
MENTAL	119
MINOR IN POSSESSION	21
MISCELLANEOUS	187
MISSING PERSON	112
MOTOR ASSIST	225

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2022 - 9-1-1 Calls and 7 digit calls received by Central Dispatch

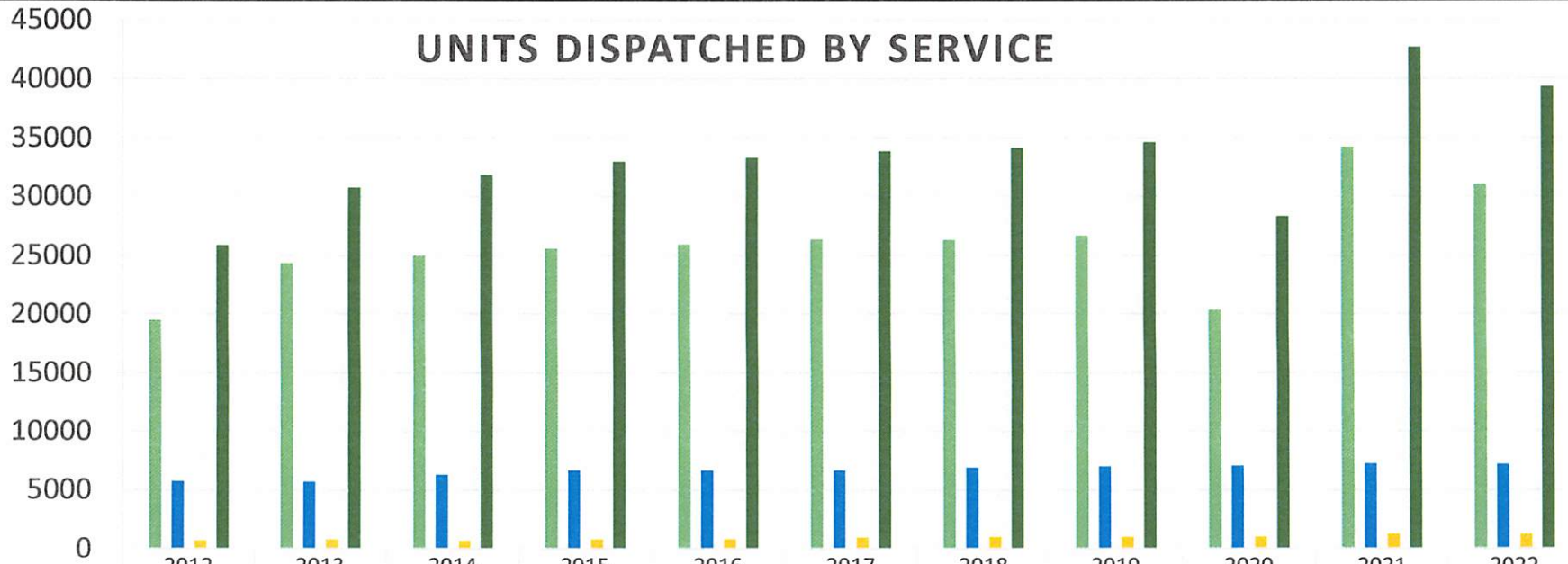
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2022 Event Type Summary

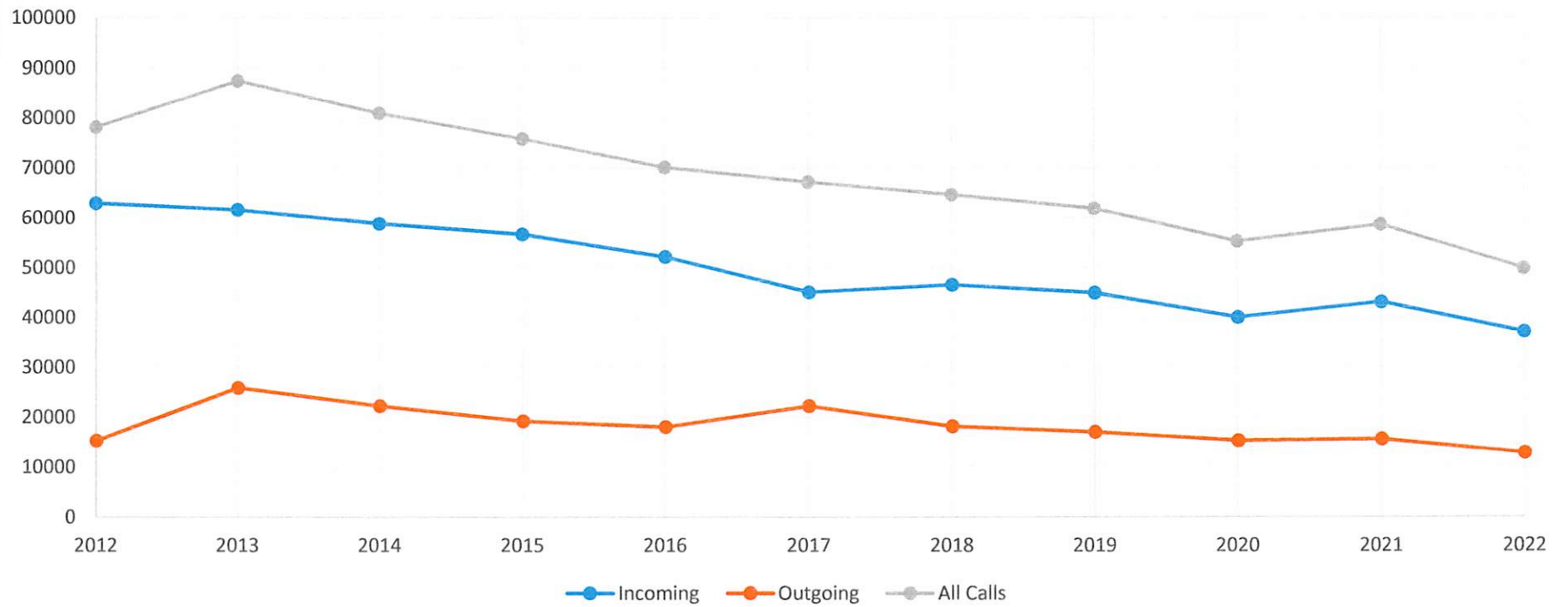
Event	# Events
NATURAL DISASTER	6
OPEN DOOR	21
ORDINANCE VIOLATION	40
OUT OF SERVICE	297
PAPER SERVICE	1,008
PBT	3
PDA	667
PIA	224
PIN IN	43
PPO VIOLATION	93
PRIVATE PROPERTY ACC.	158
PROWLER	15
PROPERTY INSPECTIONS	4
PRIVATE INVESTIGATOR	24
PUBLIC SAFETY TEST	9
PURSUIT	8
REFUSE TO LEAVE	63
REPO	74
RETAIL FRAUD	55
ROAD CLOSE	96
ROBBERY	1
RUNAWAY	119
SEARCH WARRANT	16
SHOOTING	3
SHOTS FIRED	56
SOR VIOLATION	3
STALKING	17
SUICIDE	255
SUSPICIOUS	1,026
THREAT	335
TRAFFIC CONTROL	95
TRAFFIC HAZARD	761
TRAF VIOLATIONS	901
TRAINING	222
TRESPASSING	147
TRAFFIC STOP	8,503
UDAA	62
UNKNOW ACCIDENT	51
VEHICLE IN DITCH	118
VIN INSPECTIONS	57
WARRANT ATTEMPT	154
WATER	4
WEAPON VIOLATION	35
WEATHER WARNINGS	20
WELFARE CHECK	756
WIRE PROBLEMS	267
Totals	40,075

UNITS DISPATCHED BY SERVICE

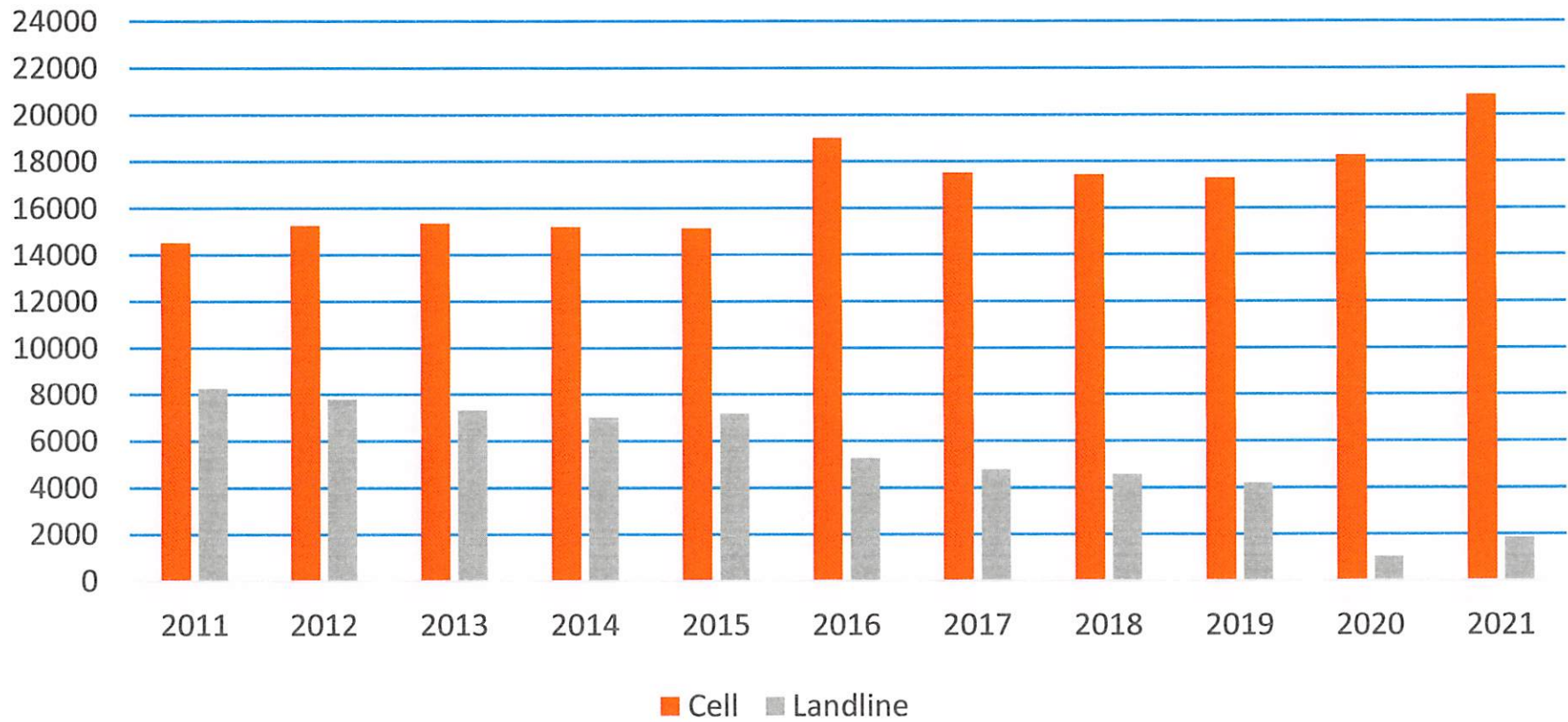


	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Police	19440	24318	24938	25590	25913	26343	26291	26654	20297	34207	30979
Ambulance	5743	5674	6262	6613	6635	6608	6880	6978	7047	7229	7134
Fire	672	754	658	780	778	924	973	990	976	1246	1193
Total Units Dispatched	25855	30746	31858	32983	33326	33875	34144	34622	28320	42682	39306

10 YEAR CALL VOLUME ACTIVITY



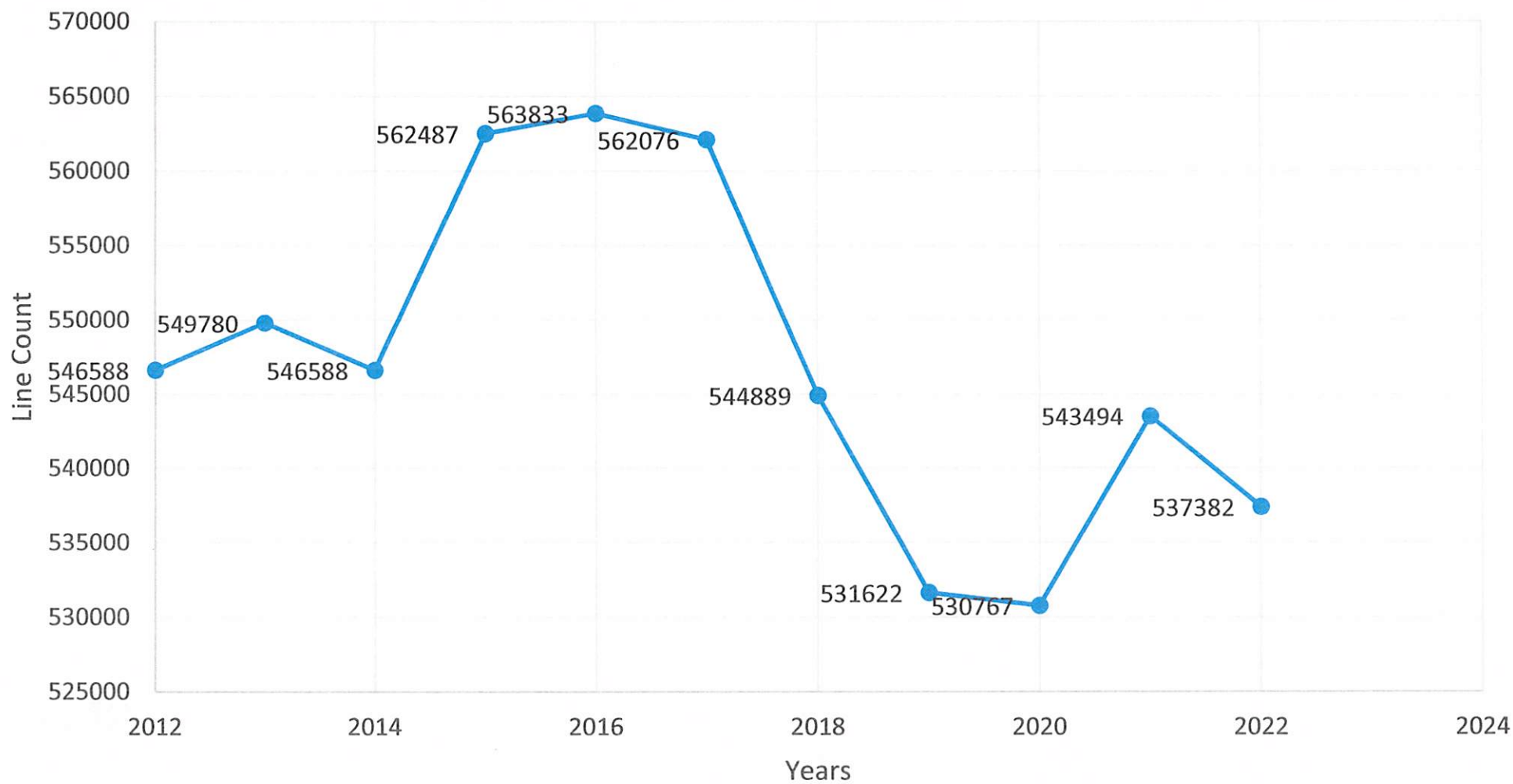
Cell Calls vs Landline Calls



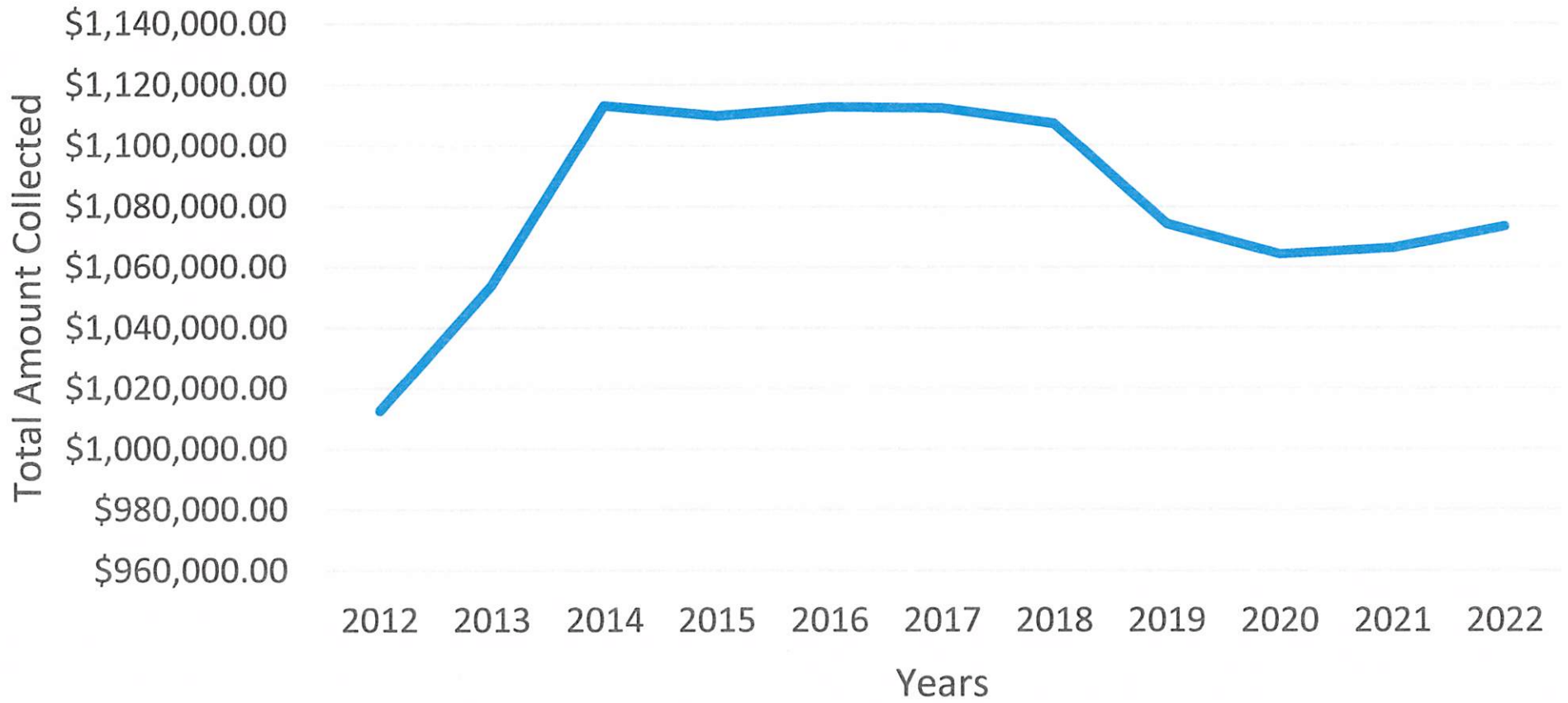
Surcharge Rates and Line (average monthly) count from 2001

2001	Surcharge rate \$2.66	28,383 Lines
2002	Surcharge rate \$3.35	28,650 Lines
2003	Surcharge Rate \$3.10	28,225 Lines
2004	Surcharge Rate \$3.10	26,129 Lines
2005	Surcharge Rate \$3.10	24,677 Lines
2006	Surcharge Rate \$3.10	23,225 Lines
2007	Surcharge Rate \$4.00	22,037 Lines
2008 (June)	Surcharge Rate \$4.00	21,525 Lines
2008 (July)	Surcharge Rate \$1.80	48,200 Total Devices
2008 (Dec)	Surcharge Rate \$1.80	50,576 Total Devices
2009 (Dec)	Surcharge Rate \$1.80	49,752 Total Devices
2010	Surcharge Rate \$1.80	49,173 Total Devices
2011	Surcharge Rate \$1.80	48,348 Total Devices
2012	Surcharge Rate \$1.80	46,834 Total Devices
2013	Surcharge Rate \$1.80/ \$2.03*	45,815 Total Devices
2014	Surcharge Rate \$2.03	45,549 Total Devices
2015	Surcharge Rate \$2.03	45,557 Total Devices
2016	Surcharge Rate \$2.03	45,676 Total Devices
2017	Surcharge Rate \$2.03	45,527 Total Devices
2018	Surcharge Rate \$2.03	45,387 Total Devices
2019	Surcharge Rate \$2.03	44,301 Total Devices
2020	Surcharge Rate \$2.03	44,231 Total Devices
2021	Surcharge Rate \$2.03	45,291 Total Devices
2022	Surcharge Rate \$2.03	44,781 Total Devices

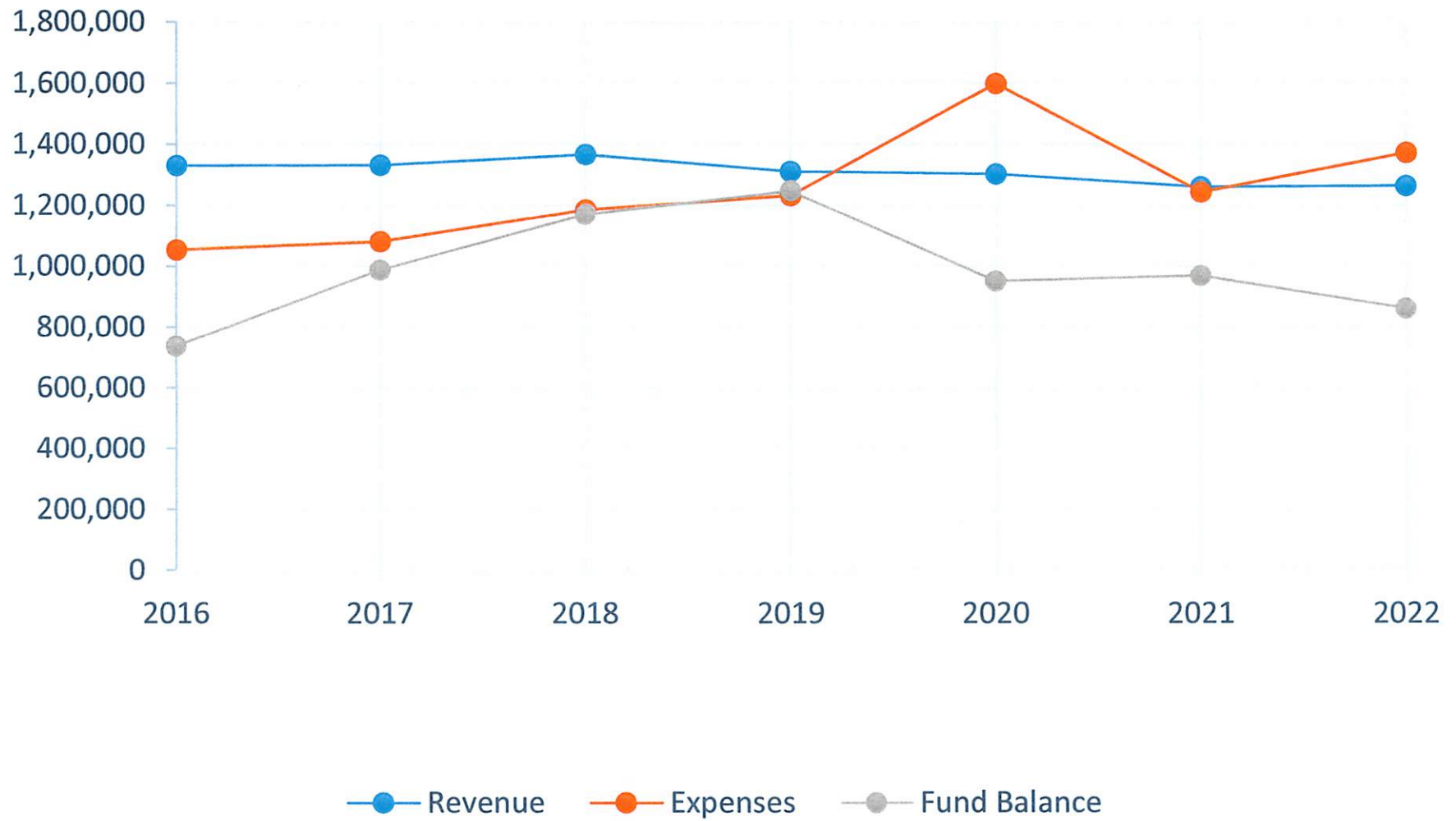
10 Year Line Count for Collection



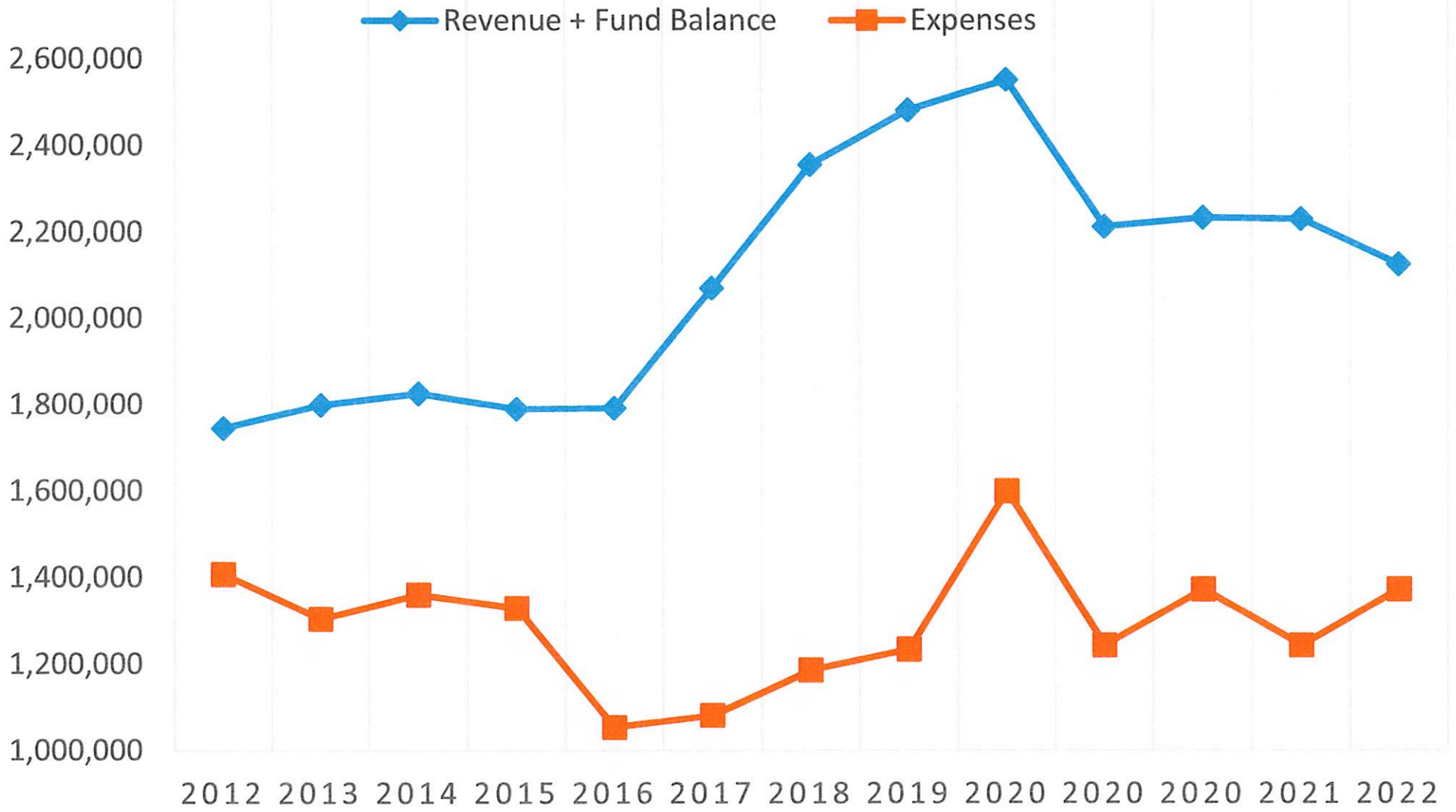
Amount Collected



BUDGET ACTIVITY



10 YEAR BUDGET ACTIVITY



Tuscola Co. Central Dispatch
Budget Plan

	2017	2018	2019	2020	2021	2022
Starting Fund Balance	\$738,071.03	\$1,002,879.12	\$1,184,633.68	\$1,262,144.34	\$966,677.21	\$976,206.65
	Actual	Actual	Actual	Actual		
Revenue						
Telephone Surcharge	\$1,112,347.55	\$1,107,157.82	\$1,074,090.65	\$1,064,160.67	\$1,066,263.43	\$1,040,000.00
Wireless Surcharge	\$194,497.00	\$224,037.00	\$198,307.00	\$196,619.00	\$196,934.00	\$196,250.00
Other Revenue	\$24,232.15	\$35,532.24	\$38,021.36	\$42,135.58	\$23,488.92	\$23,600.00
Nextel reband						
Total Revenue	\$1,331,076.70	\$1,366,727.06	\$1,310,419.01	\$1,302,915.25	\$1,286,686.35	\$1,259,850.00
Expenses						
Salary - Supervisor	(\$62,486.39)	(\$63,059.58)	(\$65,117.41)	(\$64,871.45)	(\$69,061.36)	\$65,820.80
Salary - Permanent	(\$331,095.53)	(\$423,292.00)	(\$421,651.52)	(\$409,000.43)	(\$461,937.11)	\$461,752.00
Shift premium	(\$4,339.03)	(\$5,129.11)	(\$4,915.68)	(\$5,229.55)	(\$5,596.43)	\$5,161.23
Health Ins. Incentive	(\$1,846.05)	\$0.00	\$0.00	\$0.00	(\$669.24)	\$1,246.09
Disability plan	(\$3,904.25)	(\$4,683.32)	(\$4,711.70)	(\$4,524.21)	(\$4,611.76)	\$4,274.71
Unused sick time payout	(\$5,692.96)	(\$8,666.06)	(\$11,361.74)	(\$6,809.65)	(\$9,454.14)	\$0.00
Sick/Vac Payout	(\$2,686.61)	\$0.00	\$0.00	(\$116.76)	\$0.00	\$16,670.76
Salaries - temp	(\$8,778.00)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Salaries - overtime	(\$102,428.36)	(\$57,151.33)	(\$84,524.05)	(\$116,790.17)	(\$84,358.76)	\$93,351.10
Workers comp	(\$2,308.31)	\$0.00	(\$2,947.19)	(\$14,503.36)	(\$5,537.71)	\$7,430.39
Health & Dental Ins	(\$127,440.13)	(\$191,129.32)	(\$185,257.32)	(\$218,403.75)	(\$244,399.38)	\$186,972.38
Holiday pay	(\$35,571.20)	(\$41,910.52)	(\$31,438.01)	(\$39,657.84)	(\$31,794.33)	\$31,071.00
Salaries - FICA	(\$40,939.12)	(\$44,692.88)	(\$46,988.45)	(\$49,096.38)	(\$48,486.67)	\$49,267.11
Life Ins	(\$596.51)	(\$713.02)	(\$685.24)	(\$629.68)	(\$557.87)	\$376.58
Retirement	(\$26,535.72)	(\$32,298.48)	(\$38,862.27)	(\$35,445.68)	(\$16,453.17)	\$54,722.83
Unemployment comp				(\$2,499.82)	(\$4,344.24)	\$1,249.79
POB in lieu of retirement	(\$25,967.71)	(\$28,857.00)	(\$38,634.56)	(\$39,031.80)	(\$39,655.71)	\$36,612.37
Supplies	(\$3,812.55)	(\$3,020.22)	(\$2,586.46)	(\$2,122.83)	(\$2,130.04)	\$3,169.80
Lein Computer	(\$954.55)	(\$920.60)	(\$1,121.20)	(\$994.60)	(\$1,052.60)	\$1,008.32
Uniforms	(\$2,875.91)	(\$2,811.31)	(\$2,640.10)	(\$2,627.92)	(\$2,526.79)	\$2,814.17
Janitorial	(\$1,476.73)	(\$1,574.79)	(\$1,748.01)	(\$1,757.01)	(\$2,138.32)	\$1,636.58

Tuscola Co. Central Dispatch

Budget Plan

Legal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Memberships	(\$466.00)	(\$406.00)	(\$693.00)	(\$982.00)	(\$982.00)	\$1,051.00
Telephone	(\$10,096.85)	(\$10,327.54)	(\$10,654.31)	(\$11,015.40)	(\$11,063.02)	\$8,864.67
Cell phones	(\$1,101.41)	(\$1,104.81)	(\$1,102.85)	(\$1,113.90)	(\$1,063.50)	\$1,988.02
Travel	(\$477.50)	(\$369.14)	(\$434.97)	(\$128.96)	(\$138.46)	\$651.66
Insurance & Bonds	(\$3,659.63)	(\$2,528.16)	(\$2,138.86)	(\$2,038.86)	(\$1,174.73)	\$2,513.19
Utilites	(\$14,197.26)	(\$12,822.73)	(\$10,800.31)	(\$12,281.84)	(\$14,082.84)	\$13,712.37
Cleaning/snow/trash	(\$595.00)	(\$594.00)	(\$610.00)	(\$585.00)	(\$590.00)	\$615.00
Equip maint	(\$81,582.75)	(\$68,009.67)	(\$71,657.49)	(\$78,611.50)	(\$63,425.48)	\$68,265.28
Veh repair	\$0.00	\$0.00	\$0.00	(\$43.34)	\$0.00	\$0.00
Office equip repair	(\$369.89)	(\$404.95)	(\$266.70)	(\$1,112.34)	\$0.00	\$920.75
Office Furniture	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Equipment rental	(\$54,555.97)	(\$53,005.19)	(\$54,426.20)	(\$23,509.23)	(\$1,412.38)	\$1,696.10
Misc	(\$400.00)	(\$100.00)	(\$200.00)	(\$400.00)	(\$300.00)	\$508.50
Employee training	(\$1,302.78)	(\$3,025.11)	(\$2,153.43)	(\$200.00)	(\$553.50)	\$976.17
PSAP Training	(\$6,101.95)	(\$12,997.51)	(\$8,328.32)	(\$2,309.51)	(\$4,929.00)	\$9,399.08
Refunds & Rebates	\$0.00	\$0.00	\$0.00	\$0.00	(\$15,596.90)	\$0.00
Equip/capitol outlay	(\$19,913.00)	(\$30,584.15)	(\$35,495.00)	(\$355,696.61)	(\$7,262.56)	\$220,021.09
Indirect costs	(\$79,713.00)	(\$78,784.00)	(\$88,756.00)	(\$94,241.00)	(\$98,930.00)	(\$31,497.00)
GIS						
Total Expenses	(\$1,066,268.61)	(\$1,184,972.50)	(\$1,232,908.35)	(\$1,598,382.38)	(\$1,256,270.00)	\$1,398,420.46
Ending Fund Balance	\$1,002,879.12	\$1,184,633.68	\$1,262,144.34	\$966,677.21	\$997,093.56	\$1,150,336.63

2022 Tuscola County
Central Dispatch
Employees, Awards, & Events

Tuscola County 911 Leadership



Director Jonathon Ramirez



Supervisor
Carrie Tabar



Supervisor
Lorianne Sebert

Tuscola County 911 Dispatchers



Rebecca Evans



Amanda Berlin



Brandon Bertram



Chad Tumblin



Mitch Davies



Allison Dickerson



Trace Lopez



Raquel Fuller



Stacy McCallum



Paige Rushlo

36TH ANNUAL
EMS RECOGNITION BANQUET



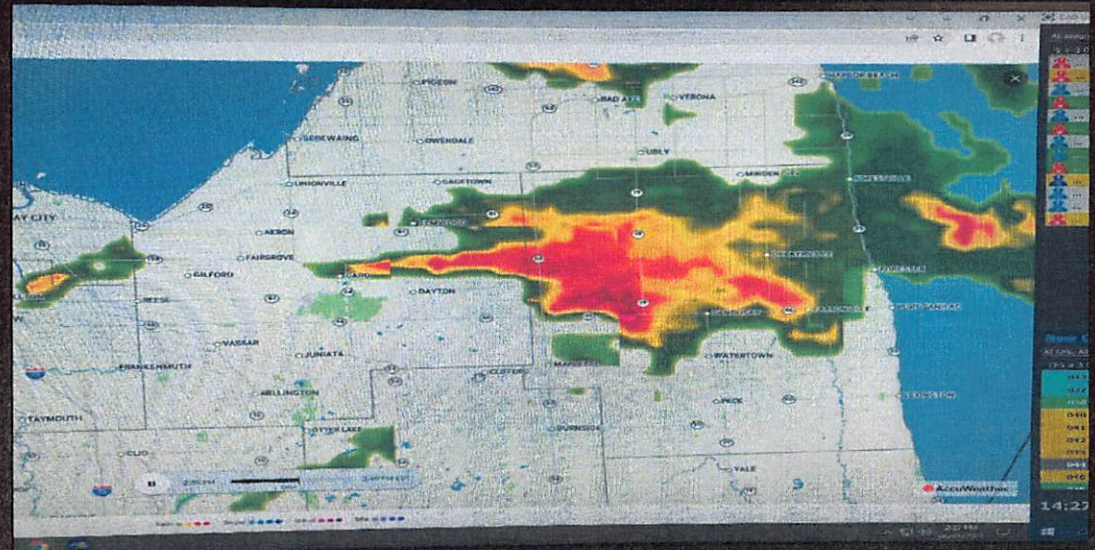
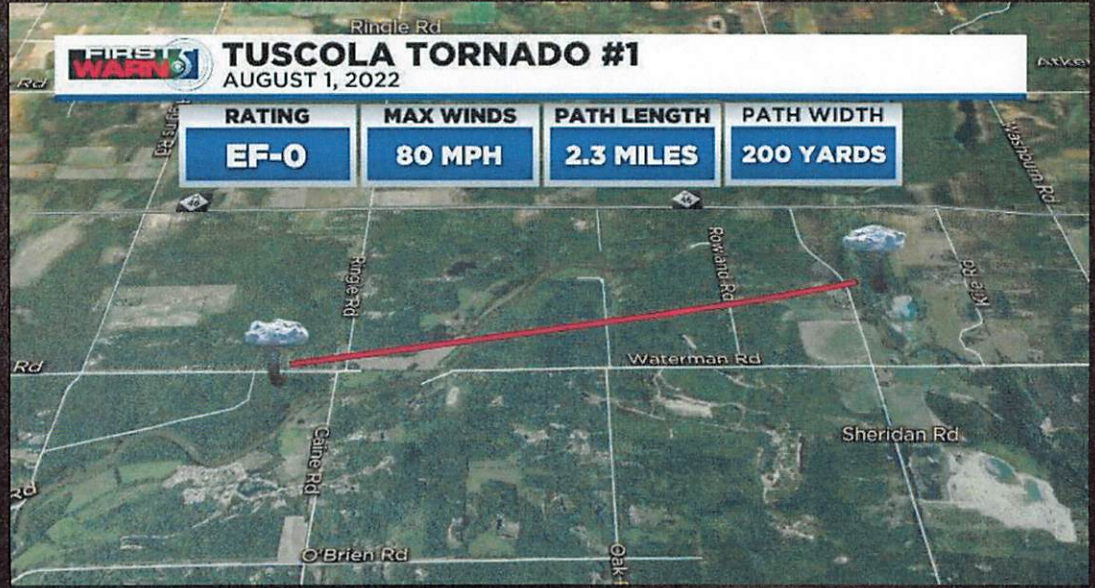
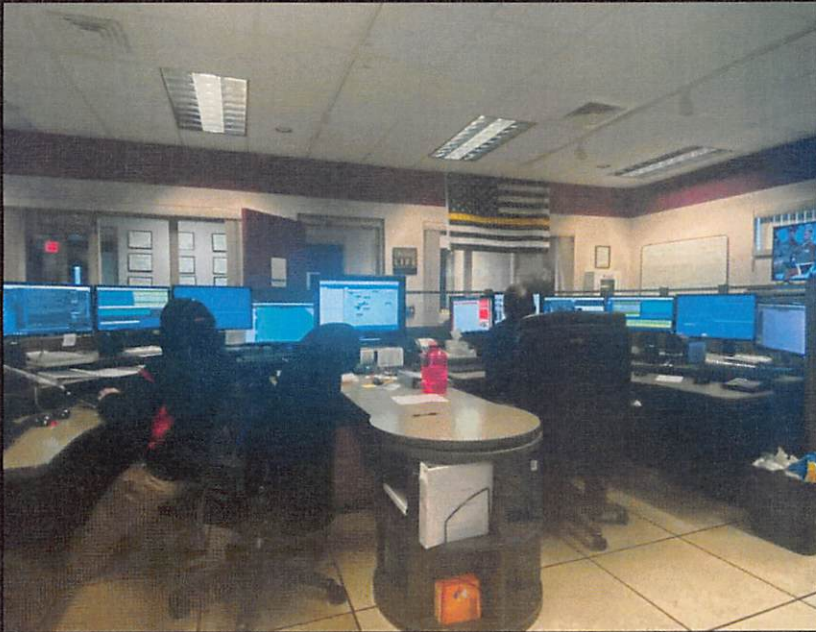
MAY 13, 2022
BAY CITY COUNTY CLUB

Tuscola County 9-1-1
Amanda Berlin
Brandon Bertram
Allison Dickerson
Chad Tumblin



Pictured above are the recipients of Lifesaving Awards presented by the Saginaw-Tuscola Medical Control Authority. Dispatcher Berlin also received a "Stork" award, which is a prestigious award presented to dispatchers assisting in the birth of a child outside of a hospital. (Left-Amanda Berlin, Center-Chad Tumblin, Right-Allison Dickerson, Not pictured is Brandon Bertram.)

Dispatchers Evans and Bertram were instrumental in dispatching resources to these two separate but confirmed EF-0 tornadoes. Local news and media outlets with Tuscola County 911 attempted to get first alerts to the public, which resulted in no injuries being reported.





Local first responders train for a mass casualty accident.

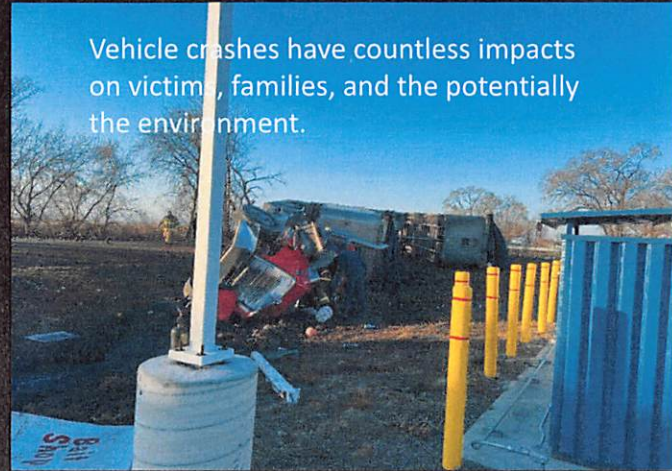
Huron and Tuscola County 911 were able to assist first responders and the United States Coast Guard to rescue 14 fishermen off of an ice floe.



Numerous structure fires are reported annually and we have some of the finest fire departments around.



Emergency Services Manager and Dispatch Director talk to the White Pine Library Cooperative about safety and security.



Vehicle crashes have countless impacts on victims, families, and the potentially the environment.

Quote

Viper Firewall Upgrade

Prepared for:

Tuscola County Central Dispatch

Jon Ramirez

(989) 550-4036

jramirez@tuscolacounty.org

Shipping to:

NetSource One

Brenda Boughner

5454 Hampton Place

Saginaw, MI 48604-9282

Prepared by:

NetSource One, Inc.

Trever Shetler

989-272-4742

trever.shetler@nsoit.com

Quote Information:

Quote #: NSOQ33412

Date: 3/31/2023

Expires on: 4/30/2023 2:00 PM

STATEMENT OF WORK
Viper Firewall Upgrade
SOW # NSOQ33412

SOW Issue Date: 3/31/2023	Services Provided By: NetSource One, Inc. 5454 Hampton Place Saginaw, MI 48604	Services Provided For: Tuscola County Central Dispatch 1303 Cleaver Road Caro, MI 48723
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This SOW, effective as of the signatory date below, is entered into by and between NetSource One and customer, and describes the requirements by the parties for the successful provisioning of the services.

PROJECT DESCRIPTION AND SCOPE

Project Overview

- Replace VIPER routers with Fortinet firewalls to provide enhanced security and satellite to host redundancy
- Replacement of the routers will enhance and simplify internal VIPER routing and eliminate the possibility of local loops
- Managed firewall and switch services have been added to the quote to provide central management and monitoring of the firewalls and switches
- ESinet routing will be converted to BGP to improve redundancy and provide better path control (During this conversion calls will need to be routed to MEVO)

NSO Responsibilities

- Design Services
- Project Management
- Configure firewalls per NSO and Fortinet best practices
- Configure firewalls for FIPS-CC per Fortinet Security Policy
- Update firmware to latest stable version
- Configure HA pair
- Add firewalls to FortiManager
- Configure routing
 - Will need to work with PFN to configure BGP
 - Route-maps will be used to control advertisements
- Configure firewall policies
- Configure multicast routing if VIPER is not using the multicast forwarder
- Configure AD-VPN as a tertiary path back to host sites
- Install firewalls onsite
 - Route 911 calls to MEVO
 - Install new firewalls
 - Work with PFN to verify routing
 - Verify routing
 - Route 911 calls back to the CPE (VIPER)
 - Perform several test 911 and admin calls
 - Perform failover tests on firewalls
 - Verify AD-VPN routing is functional
 - Provide site contact with VIPER routers for re-sale for re-purposing.
- Attend to the following items as if managed by NetSource One:
 - Update logging
 - Update availability and performance monitoring
 - Update client agreements

- Update NetSource One documentation of new device (configuration and support renewal status)
- Project close meeting

Client Responsibilities

- Allow for a period of downtime while hardware is installed
- Allow access to physically secure location for installation
- Provide sufficient power and cooling for new hardware
- Provide internet access for the VIPER firewalls

Assumptions

- Services on-site only performed when necessary
- Client will purchase managed firewall and switch services from NetSource One to maintain configuration consistency and maximum availability
- Additional cabling may be required

Viper Firewall Upgrade

Thank you for considering NetSource One for your technology needs. The details of your quote are below:

NOTICE: Due to volume, inclement weather, and Covid-19 impacts some of our vendor/carrier partners are experiencing shipping delays. There may be extended delivery time frames from time of quoting to placing order(s), therefore we cannot guarantee exact shipping/delivery dates. We appreciate your understanding and thank you so much for your business!

Products

Description	Qty	Unit Price	Ext. Price
Fortinet FortiGate 101F Network Security/Firewall Appliance - 22 Port - 10GBase-X, 1000Base-T, 1000Base-X - 10 Gigabit Ethernet - AES (256-bit), SHA-256 - 500 VPN - 21 x RJ-45 - 10 Total Expansion Slots - 1U - Rack-mountable	2	\$3,195.00	\$6,390.00
Fortinet FortiCare Comprehensive Support - 3 Year For: Fortinet FortiGate 101F Support: 24x7 Next Business Day - Service Depot - Exchange - Parts - Physical, Electronic	2	\$2,440.00	\$4,880.00
Fortinet FortiSwitch 108F Ethernet Switch - 8 Ports - Manageable - Gigabit Ethernet - 10/100/1000Base-T, 1000Base-X - 2 Layer Supported - Modular - 2 SFP Slots - 6.20 W Power Consumption - Optical Fiber, Twisted Pair - PoE Ports - Desktop - Lifetime Limited Warranty	2	\$295.00	\$590.00
Fortinet FortiCare Comprehensive Support - 3 Year For: Fortinet FortiSwitch 108F Support: 24x7 x Next Business Day - Service Depot - Exchange - Parts	2	\$95.00	\$190.00
10GE SFP+ Passive Direct Attach Cable	2	\$75.00	\$150.00
Patch Cord 3ft Cat6-a Orange (non-booted)	1	\$3.00	\$3.00
Patch Cord 7ft Cat6 Orange (non-booted)	8	\$7.00	\$56.00
Patch Cord 3ft Cat6 Yellow (non-booted)	2	\$3.00	\$6.00
SubTotal			\$12,265.00

Professional Services (Fixed Fee)

Description	Qty	Unit Price	Ext. Price
Professional Services (Fixed Fee) - Labor is quoted as a fixed-fee per statement of work - Any item not outlined in the statement of work is not included and therefore may be subject to additional pricing at our standard T&M rates on a separate ticket			
SubTotal			\$4,169.00

Monthly Services

Description	Qty	Unit Price	Ext. Price
Premium Managed L2 Switch: - 24x7 Availability and performance monitoring and alerting - Quarterly firmware reviews and updates (if required) - Remote administration & break-fix (during normal business hours) **Note: This is not SIEM/SOC Services	2	\$10.00	\$20.00
Premium Managed Firewall (HA Pair): - 24x7 availability monitoring and alerting - Remote administration & break-fix during normal business hours - Quarterly firmware review and update (if required) Note: This is not security and information event monitoring (Request SIEM/SOC Services)	1	\$125.00	\$125.00
		Monthly SubTotal	\$145.00

Quote No: **NSOQ33412**
 Delivery Date: 3/31/2023
 Expiration Date: 4/30/2023

Viper Firewall Upgrade

Prepared For:
Tuscola County Central Dispatch
 1303 Cleaver Road
 Caro, MI 48723
 Jon Ramirez
 (989) 550-4036
 jramirez@tuscolacounty.org

Shipping to:
Brenda Boughner
 5454 Hampton Place
 Saginaw, MI 48604-9282
 United States

Prepared By:
NetSource One, Inc.
 5454 Hampton Pl
 Saginaw, MI 48604
 Shelby Jones
 989-272-4742
 trever.shetler@nsoit.com

Summary

Description	Amount
Products	\$12,265.00
Professional Services (Fixed Fee)	\$4,169.00
Monthly Services	\$145.00
Subtotal:	\$16,579.00
Tax:	\$0.00
Shipping:	\$0.00
Grand Total:	\$16,579.00

Recurring Amounts:
\$145.00 Billed Monthly

Acceptance

I hereby agree to abide by the terms set forth in the Master Services Agreement and related Addendum(s) at the following link:
<http://www.nsoit.com/legal>.

NetSource One, Inc.

Tuscola County Central Dispatch

Signature: _____
 Name: Trever Shetler
 Date: 3/31/2023

Signature: _____
 Name: Jon Ramirez
 Date: _____

Quote Notes

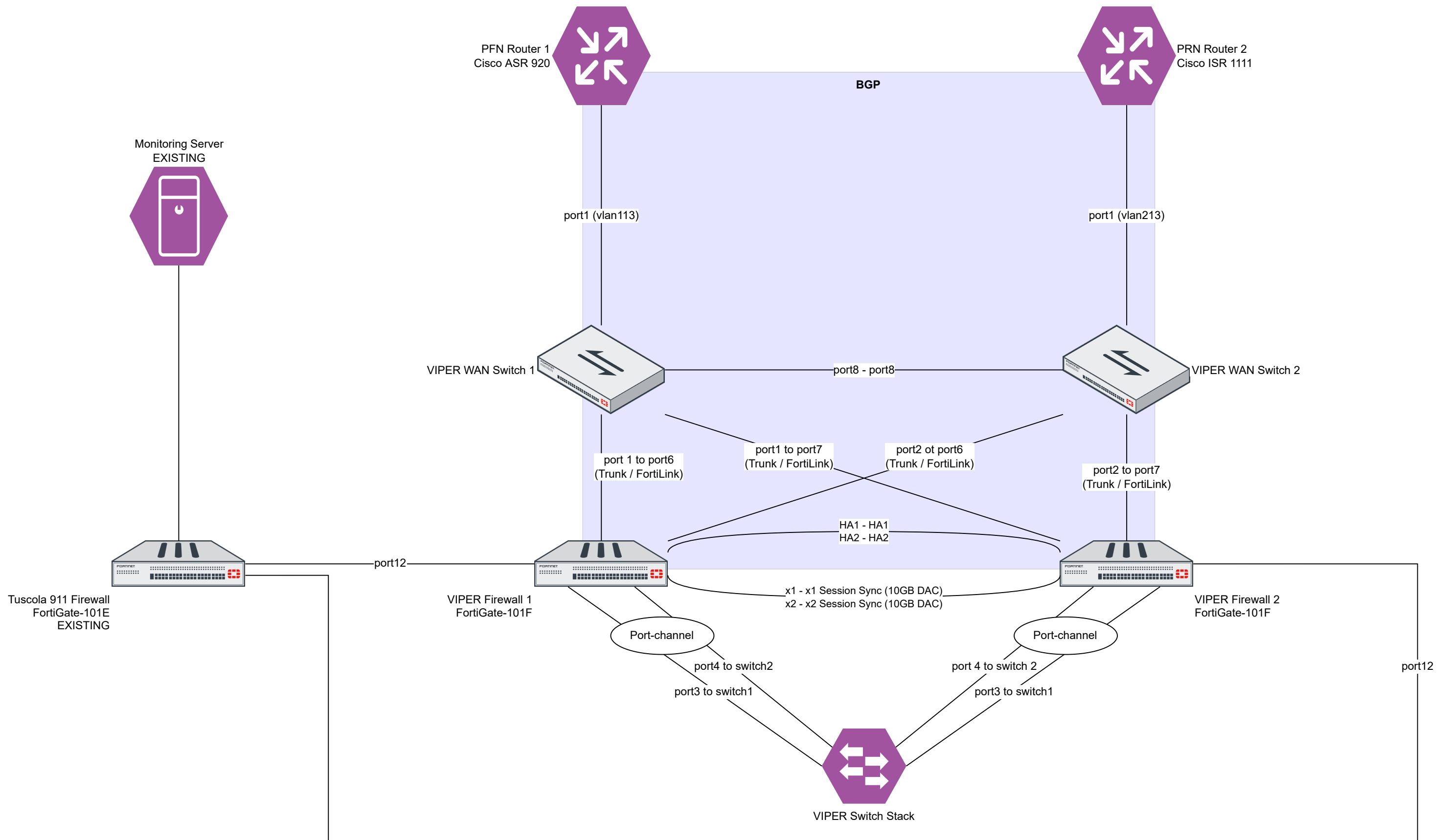
**** A 50% down payment on product will be required at time of quote approval, prior to ordering ****

Any services (if applicable) to be completed during normal business hours (unless otherwise indicated). Out of scope labor, travel & mileage will be billed at time & materials.

If applicable, any leasing information provided is subject to credit approval. The proposal provides an approximate monthly payment for hardware, software and services based upon the contract type and term in months. Any change in the amount financed will change this information. Pricing valid 30 days from day quote is initiated, unless otherwise stated in quote.

Taxes, shipping, handling and other fees may apply. Please do not pay from this quote, you will receive an invoice with the detailed charges. We reserve the right to cancel orders arising from pricing or other errors.

Risk of loss and transfer of ownership is assigned to the purchaser at time of shipment from Manufacturer or Distributor.



TRAVEL/MEAL POLICY
Revised 12/14/17
17-M-217

1. PURPOSE

The purpose of this policy is to establish guidelines to reimburse Tuscola County officials and employees for travel expenses incurred as a result of their official duties at rates established by the Board of Commissioners and in accordance with the specific provisions enumerated herein.

The policy shall apply to all officials and employees who by the nature of their assigned responsibilities, or because of special circumstances, are required by the County to use their privately-owned vehicle for travel and/or perform functions at a location other than their normal work location.

2. POLICY

2.1 Mileage. Mileage will be paid at the rate established by the Board of Commissioners to those officials and employees required to use their privately owned vehicle in conducting County business. The rate may be updated each year based on the Internal Revenue Service rate. The Board may choose to not increase the rate or fully/partially increase the rate to the IRS rate.

2.1.1 When traveling to out-of-county activities, transportation must be shared whenever possible. Economical use of County funds has priority over personal convenience or preference.

2.1.2 All mileage shall be computed from the normal work location to the destination point and return except in the following situations:

2.1.2.1 Mileage will be computed from residence to destination if actual departure is from the residence and if the distance is less than the distance from work location to destination.

2.1.2.2 If the distance is greater from the residence, the employee may still leave from there, but mileage will be calculated from the work location to destination.

2.1.2.3 Under no circumstances is mileage allowed between residence and normal work location.

TRAVEL/MEAL POLICY

- 2.2 Meals. The standard meal rate \$36.00 per day as of 1-1-2018 will be paid except when traveling to these certain metropolitan areas: All of Wayne and Oakland Counties, Ann Arbor, Auburn Hills, Detroit, Grand Rapids, Holland, Mackinac Island, Petoskey Pontiac, South Haven, Traverse City, and Leland. When traveling to these areas the standard meal rate per day as of 1-1-2018 will be paid at \$44.75
 - 2.2.1 Official travel, which takes the individual outside the boundaries of Tuscola County during the entire mealtime hours, will render eligibility for a per diem meal allowance, based on when the employee was required to leave and return. Meal allowances are not cumulative from meal to meal or day to day. The Controller's Office shall publish from time to time the approved rates.
 - 2.2.2 If all three meals (breakfast, lunch, and dinner) are provided by the conference or training session, then the employee is not eligible for a daily meal reimbursement from the County.
 - 2.2.3 Alcoholic beverages are not eligible for reimbursement from the County.
 - 2.2.4 Tips are limited to 20% of the total meal cost.
- 2.3 Accommodations. Reimbursement may be made for actual expenditures for overnight accommodations subject to the following restrictions and limitations:
 - 2.3.1 Overnight lodging expenses for County business will only be reimbursed if said event is 60 miles or more from the County complex in Caro.
 - 2.3.2 Reimbursement is limited to the cost of a single room at prevailing rates for accommodations normally used in business; however:
 - 2.3.2.1 Double accommodation may be utilized when appropriate.
 - 2.3.2.2 If a "double" is shared with a County Official or Employee, each may claim reimbursement for one-half (1/2) of the rate.
 - 2.3.2.3 If the cost of a "double" is shared with a non-county employee, reimbursement may be claimed for the actual expenditure or an amount equal to the rate for a single occupancy accommodation, whichever is less.

TRAVEL/MEAL POLICY

- 2.4 Budget for Travel Related Expenses. Expenses associated with attendance at meetings, conferences, and seminars shall be requested by the Department Head during the preparation of the annual budget. Routine mileage allowance associated with day-to-day business within the County will be a separate line item.
- 2.4.1 A written request for all out-of-state travel must be submitted to the Board of Commissioners for review and approval prior to attending.
- 2.4.2 Travel within the State requiring overnight stay will be allowed subject to approval of the Department Head and to availability of funds within the department budget. No additional funds will be transferred to the travel account after adoption of the budget, unless approved by the County Board of Commissioners.
- 2.4.3 Travel within the State of Michigan for the purpose of transacting County business, i.e., meeting with State Officials or to discuss common concerns with other governmental officials will be allowed subject to approval of the responsible Department Head or Elected Official and no overnight stay is required.
- 2.5 **Violation of Policy. If there is any infraction of this policy, no reimbursement of expenses will be allowed.**
- 2.6 Preparation of the Travel Expense Voucher. The County Travel Expense Voucher must be completed within **30 Days after the conclusion of** the event.
Original receipts must be attached to the travel voucher, copies will not be permitted. The receipt should have an itemized breakdown of all purchases at the dining establishments in order to receive reimbursement.

TRAVEL/MEAL POLICY
Revised Date: _____
Motion: _____

1. PURPOSE

The purpose of this policy is to establish guidelines to reimburse Tuscola County officials and employees for travel expenses incurred as a result of their official duties at rates established by the Board of Commissioners and in accordance with the specific provisions enumerated herein.

The policy shall apply to all officials and employees who by the nature of their assigned responsibilities, or because of special circumstances, are required by the County to use their privately-owned vehicle for travel and/or perform functions at a location other than their normal work location.

2. POLICY

2.1 Mileage. Mileage will be paid at the rate established by the Board of Commissioners to those officials and employees required to use their privately owned vehicle in conducting County business. The rate may be updated each year based on the Internal Revenue Service rate. The Board may choose to not increase the rate or fully/partially increase the rate to match the IRS rate.

2.1.1 When traveling to out-of-county activities, transportation must be shared whenever possible. Economical use of County funds has priority over personal convenience or preference.

2.1.2 All mileage shall be computed from the normal work location to the destination point and return except in the following situations:

2.1.2.1 Mileage will be computed from residence to destination if actual departure is from the residence and if the distance is less than the distance from work location to destination.

2.1.2.2 If the distance is greater from the residence, the employee may still leave from there, but mileage will be calculated from the work location to destination.

2.1.2.3 Under no circumstances is mileage allowed between residence and normal work location.

TRAVEL/MEAL POLICY

- 2.2 Meals. Effective May 1, 2023 the standard meal rate of \$_____ per day will be paid except when traveling to these certain metropolitan areas: All of Wayne and Oakland Counties, Ann Arbor, Auburn Hills, Detroit, Grand Rapids, Holland, Kalamazoo, Battle Creek, Mackinac Island, Muskegon, Petoskey, Pontiac, South Haven, Traverse City, and Leland. When traveling to these areas, the standard meal rate per day will be paid at \$_____ effective May 1, 2023.
- 2.2.1 Official travel, which takes the individual outside the boundaries of Tuscola County during the entire mealtime hours will render eligibility for a per diem meal allowance, based on when the employee was required to leave and return. Meal allowances are not cumulative from meal to meal or day to day. The Controller's Office shall publish from time to time the approved rates.
- 2.2.2 If all three meals (breakfast, lunch, and dinner) are provided by the conference or training session, then the employee is not eligible for a daily meal reimbursement from the County.
- 2.2.3 Alcoholic beverages are not eligible for reimbursement from the County.
- 2.2.4 Tips are limited to 20% of the total meal cost.
- 2.2.5 Delivery fees of up to \$5.00 are eligible for reimbursement from the County, where deemed appropriate by the Department Head.**
- 2.3 Accommodations. Reimbursement may be made for actual expenditures for overnight accommodations subject to the following restrictions and limitations:
- 2.3.1 Overnight lodging expenses for County business will only be reimbursed if said event is 60 miles or more from the County complex in Caro, unless prior approval is obtained by the Board of Commissioners.
- 2.3.2 Reimbursement is limited to the cost of a single room at prevailing rates for accommodations normally used in business; however:
- 2.3.2.1 Double accommodation may be utilized when appropriate.
- 2.3.2.2 If a "double" is shared with a County Official or Employee, each may claim reimbursement for one-half (1/2) of the rate.

TRAVEL/MEAL POLICY

2.3.2.3 If the cost of a “double” is shared with a non-county employee, reimbursement may be claimed for the actual expenditure or an amount equal to the rate for a single occupancy accommodation, whichever is less.

2.4 Budget for Travel Related Expenses. Expenses associated with attendance at meetings, conferences, and seminars shall be requested by the Department Head during the preparation of the annual budget. ~~Routine mileage allowance associated with day-to-day business within the County will be a separate line item.~~

2.4.1 A written request for all out-of-state travel must be submitted to the Board of Commissioners for review and approval prior to attending. ~~Out-of-state travel expenses incurred by Juvenile Probation employees to visit a juvenile placed out-of-state will not require prior Board of Commissioner approval; but approval by the Chief Judge and Court Administrator is required.~~

2.4.2 Travel within the State requiring overnight stay will be allowed subject to approval of the Department Head and to availability of funds within the department budget. No additional funds will be transferred to the travel account after adoption of the budget, unless approved by the County Board of Commissioners.

2.4.3 Travel within the State of Michigan for the purpose of transacting County business, i.e., meeting with State Officials or to discuss common concerns with other governmental officials will be allowed subject to approval of the responsible Department Head or Elected Official and no overnight stay is required.

2.5 ~~Violation of Policy. If there is any infraction of this policy, no reimbursement of expenses will be allowed reimbursement from the employee will be required.~~

2.6 Preparation of the Travel Expense Voucher. The County Travel Expense Voucher must be completed within **30 Days after the conclusion of** the event. Receipts must be attached to the travel voucher. The receipt should have an itemized breakdown of all purchases at the dining establishments in order to receive reimbursement.

FY 2023 Per Diem Rates for Michigan

Meals & Incidentals (M&IE) Breakdown

Primary Destination	County	M&IE Total	Continental Breakfast/Breakfast	Lunch	Dinner	Incidental Expenses	First & Last Day of Travel
Ann Arbor	Washtenaw	\$69	\$16	\$17	\$31	\$5	\$51.75
Detroit	Wayne	\$64	\$14	\$16	\$29	\$5	\$48.00
East Lansing / Lansing	Ingham / Eaton	\$64	\$14	\$16	\$29	\$5	\$48.00
Grand Rapids	Kent	\$64	\$14	\$16	\$29	\$5	\$48.00
Holland	Ottawa	\$64	\$14	\$16	\$29	\$5	\$48.00
Kalamazoo / Battle Creek	Kalamazoo / Calhoun	\$64	\$14	\$16	\$29	\$5	\$48.00
Mackinac Island	Mackinac	\$74	\$17	\$18	\$34	\$5	\$55.50
Midland	Midland	\$59	\$13	\$15	\$26	\$5	\$44.25
Muskegon	Muskegon	\$64	\$14	\$16	\$29	\$5	\$48.00
Petoskey	Emmet	\$64	\$14	\$16	\$29	\$5	\$48.00
Pontiac / Auburn Hills	Oakland	\$64	\$14	\$16	\$29	\$5	\$48.00
South Haven	Van Buren	\$64	\$14	\$16	\$29	\$5	\$48.00
Standard Rate	Applies for all locations without specified rates	\$59	\$13	\$15	\$26	\$5	\$44.25
Traverse City	Grand Traverse	\$64	\$14	\$16	\$29	\$5	\$48.00

GSA

FY 2023 Per Diem Highlights

We establish the per diem rates for the continental United States (CONUS), which includes the 48 contiguous states and the District of Columbia. Federal agencies use the per diem rates to reimburse their employees for subsistence expenses incurred while on official travel.

Federal per diem reimbursement rates consist of a maximum lodging allowance component and a meals and incidental expenses (M&IE) component. Most of CONUS (approximately 2,600 counties) is covered by the standard per diem rate of \$157 (\$98 lodging, \$59 M&IE). In fiscal year (FY) 2023, there are 316 non-standard areas (NSAs) that have per diem rates higher than the standard rate.

Since FY 2005, we have based the maximum lodging allowances on average daily rate (ADR). ADR is a widely accepted lodging industry measure derived from a property's room rental revenue divided by the number of rooms rented. This calculation provides us with the average rate in an area. For more information about how lodging per diem rates are determined, visit [Factors Influencing Lodging Rates](#).

We remind agencies that the Federal Travel Regulation (FTR) allows for actual expense reimbursement when per diem rates are insufficient to meet necessary expenses. Please see [FTR §301-11.300 through 306](#) for more information.

FY 2023 Results:

The standard CONUS lodging rate will increase from \$96 to \$98. All current NSAs will have lodging rates at or above FY 2022 rates. **The M&IE per diem tiers for FY 2023 are unchanged at \$59-\$79, with the standard M&IE rate unchanged at \$59.**

There are no new NSA locations this year. The following locations that were NSAs (or part of an established NSA) in FY 2022 will move into the standard CONUS rate category:

- Cromwell/Old Saybrook, CT (Middlesex County)
- El Paso, TX (El Paso County)
- Rock Springs, WY (Sweetwater County)

QUESTIONS

Have travel policy questions? Use our '[Have a Question?](#)' site

Find COVID-19 Vaccines
Near You

[Visit Vaccines.gov](#)

Or Call 1-800-232-0233



Additional Resources

- [2015 GTAC Report \[PDF - 832 KB\]](#)
- [2003 GPDAB Report \[PDF - 534 KB\]](#)

Tuscola County

Wind Escrows as of 03-31-2023

Consumers

General Fund	\$	1,752,255
Voted Primary Roads	\$	367,701
Voted Road Patrol	\$	495,236
Recycling	\$	57,157
Mosquito	\$	240,672
MSU	\$	38,106
Veterans	\$	64,780
Bridge	\$	183,171
Senior	\$	118,709
Med Care	\$	95,263

TOTAL	\$	3,413,050
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Combined Total	\$	4,555,114
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Nextera Settlement in 2017

	\$	667,774
	\$	115,485
	\$	122,916
	\$	19,248
	\$	81,044
	\$	-
	\$	16,172
	\$	61,682
	\$	25,664
	\$	32,079
	\$	1,142,064

April 5, 2023

Controller/Administrator Clayette Zechmeister

Recommended Budget Amendments

General Fund use of Contingency		END BALANCE	2023	2023	ACTIVITY FOR	Proposed
GL NUMBER	DESCRIPTION	12/31/2022	ORIGINAL	AMENDED BUDGET	MONTH 04/30/2023	Budget
		NORMAL (ABNORMAL)	BUDGET		INCREASE (DECREASE)	Amendment
Fund 101 - GENERAL FUND						
101-101-703-000	Salaries Supervision	68,399.69	73,237.00	73,237.00	17,602.63	(5,500.00)
101-101-707-000	Salaries - Per Diem	5,424.97	-	-	1,000.00	5,500.00
Expenditures						
101-130-706.000	SALARIES OVERTIME	146.35	3,000.00	3,000.00	0.00	0.00
101-215-706.000	SALARIES OVERTIME	1,313.17	11,500.00	11,500.00	17.27	0.00
101-225-706.000	SALARIES OVERTIME	4.44	0.00	0.00	4.38	0.00
101-229-706.000	SALARIES OVERTIME	30,402.70	0.00	0.00	6,460.88	20,000.00
101-230-706.000	SALARIES OVERTIME	0.00	0.00	0.00	674.00	3,000.00
101-236-706.000	SALARIES OVERTIME	14.71	200.00	200.00	0.00	0.00
101-259-706.000	SALARIES OVERTIME	1,324.97	0.00	0.00	324.99	1,300.00
101-265-706.000	SALARIES OVERTIME	7,985.67	6,000.00	6,000.00	3,448.77	0.00
101-275-706.000	SALARIES OVERTIME	3,187.79	4,000.00	4,000.00	0.00	0.00
101-277-706.000	SALARIES OVERTIME	254.25	2,000.00	2,000.00	0.00	0.00
101-303-706.000	SALARIES OVERTIME	31,659.45	11,337.00	11,337.00	5,325.07	0.00
101-304-706.000	SALARIES OVERTIME	260,146.65	182,000.00	182,000.00	57,954.12	0.00
101-324-706.000	SALARIES OVERTIME	1,827.65	0.00	0.00	0.00	0.00
101-333-706.000	SALARIES OVERTIME	0.00	4,000.00	7,280.00	0.00	0.00
101-426-706.000	SALARIES OVERTIME	2,124.29	0.00	0.00	611.84	2,000.00
TOTAL EXPENDITURES		340,392.09	224,037.00	227,317.00	74,821.32	26,300.00
101-890-965-000	Contingency	0.00	135,418.00	98,222.00	0.00	-26,300.00
Special Revenue Funds Use of Fund Balance						
Fund 218 - DISPATCH/911						
218-334-706.000	SALARIES OVERTIME	93,351.10	0.00	0.00	22,329.69	75,000.00
Fund 230 - RECYCLING						
230-402-706.000	SALARIES OVERTIME	407.14	0.00	0.00	28.63	500.00

TUSCOLA COUNTY

FINANCIAL REPORTS

March 31, 2023

Contents

- ▶ Fund Balance Report Page 1-2
- ▶ Revenue By Category Page 3
- ▶ Expenditures By Category Page 4-6

TUSCOLA COUNTY
FUND BALANCE REPORT

Period Ending
March 31, 2023

FUND	BEGINNING FUND BALANCE	YTD REVENUE	YTD EXPENSE	CURRENT FUND BALANCE	Reserve/Designated FUND BALANCE	AVAILABLE
Fund 101 - GENERAL FUND	9,613,069.39	1,440,570.94	6,364,303.02	4,689,337.31	3,730,734.00	968,626.00
Fund 201 - COUNTY ROAD	6,100,709.55	4,700,044.60	2,501,618.35	8,299,135.80		
Fund 207 - ROAD PATROL	2,132,035.81	12,574.32	567,645.45	1,576,964.68		
Fund 208 - COUNTY PARKS & RECREATION	18,630.20	2,912.30	1,657.01	19,885.49		
Fund 213 - AREBELA TWP CONTRACT	0.00	12,790.89	19,542.28	(6,751.39)		
Fund 214 - VOTED PRIMARY ROAD IMPROVEMENT	335,574.05	(190.45)	0.00	335,383.60		
Fund 215 - FRIEND OF THE COURT	(179.65)	189,880.58	269,982.87	(80,281.94)		
Fund 216 - FAMILY COUNSELING	70,666.63	625.00	458.15	70,833.48		
Fund 218 - DISPATCH/911	1,131,193.25	20,314.26	378,483.30	773,024.21		
Fund 221 - HEALTH DEPARTMENT	2,811,890.72	657,210.50	889,902.96	2,579,198.26		
Fund 224 - REGIONAL DWI COURT GRANT	102,787.06	38,812.43	37,683.56	103,915.93		
Fund 225 - VASSAR TWP POLICE SVC CONTRACT	0.00	12,623.86	19,008.59	(6,384.73)		
Fund 230 - RECYCLING	186,870.10	8,976.44	73,661.38	122,185.16		
Fund 231 - JUVENILE MENTAL HEALTH COURT	0.00	0.00	3,411.39	(3,411.39)		
Fund 232 - MILLINGTON TWP POLICE CONTRACT	0.00	11,249.72	38,634.02	(27,384.30)		
Fund 233 - MENTAL HEALTH COURT	731.87	0.00	9,324.70	(8,592.83)		
Fund 236 - VICTIM SERVICES	2,928.55	14,056.00	21,620.46	(4,635.91)		
Fund 239 - ANIMAL SHELTER	(385.51)	91,680.18	77,263.42	14,031.25		
Fund 240 - VOTED MOSQUITO FUND	1,092,769.29	1,977.83	101,111.36	993,635.76		
Fund 244 - EQUIPMENT/TECHNOLOGY FUN	193,429.10	115,575.00	53,566.65	255,437.45		
Fund 246 - COUNTY VETERAN SVC GRANT	42,808.87	0.00	0.00	42,808.87		
Fund 249 - BUILDING INSPECTION FUND	39,817.32	100,684.22	65,973.44	74,528.10		
Fund 250 - CDBG HOUSING GRANT FUND	24,213.24	0.00	0.00	24,213.24		
Fund 251 - PRINCIPAL RESIDENCE EXEMPTION	24,269.06	7,299.98	6,433.89	25,135.15		
Fund 252 - STATE SURVEY GRANT FUND (REMON)	0.00	29,188.80	0.00	29,188.80		
Fund 255 - VICTIM OF CRIME ACT GRANT	3,744.38	12,541.00	19,256.96	(2,971.58)		
Fund 256 - REG.OF DEEDS AUTOMATION FND	74,732.95	13,864.33	3,016.80	85,580.48		
Fund 258 - GIS	201,266.18	23,771.17	20,789.11	204,248.24		
Fund 260 - MANAGED ASSIGNED COUNCIL FUND	173,868.53	(43,761.10)	283,023.81	(152,916.38)		
Fund 261 - HOMELAND SECURITY	0.00	(3,714.17)	15,903.00	(19,617.17)		
Fund 263 - CONCEALED PISTOL LICENSING	178,197.16	9,542.00	18,066.12	169,673.04		
Fund 265 - LOCAL CORR OFF'S TRAINING	13,314.02	2,406.14	1,522.27	14,197.89		
Fund 266 - DRUG FORFEITURE FUND	111,513.57	4,020.55	3,869.40	111,664.72		
Fund 269 - LAW LIBRARY	42,940.79	0.00	0.00	42,940.79		
Fund 273 - UNIFIED CT CORONAVIRUS EMERGENCY SUPP	4,068.82	0.00	0.00	4,068.82		
Fund 279 - VOTED MSU	89,093.67	31.80	50,320.18	38,805.29		
Fund 284 - OPIOID SETTLEMENT FUND	0.00	296,887.01	0.00	296,887.01		

Fund 285 - MICHIGAN JUSTICE TRAINING	5,659.58	0.00	0.00	5,659.58
Fund 288 - CHILD CARE - DHHS	308,261.52	15,188.49	617.50	322,832.51
Fund 291 - MEDICAL CARE FACILITY	4,700,330.97	4,744,136.81	5,814,774.79	3,629,692.99
Fund 292 - CHILD CARE	222,015.61	63,116.14	133,111.27	152,020.48
Fund 293 - SOLDIERS RELIEF	42,811.94	0.00	4,564.97	38,246.97
Fund 295 - VOTED VETERANS	75,500.86	65.68	4,885.09	70,681.45
Fund 296 - VOTED BRIDGE	1,461,083.19	2,182.00	0.00	1,463,265.19
Fund 297 - VOTED SENIOR CITIZENS	166,526.98	(221.55)	175,638.78	(9,333.35)
Fund 298 - VOTED MEDICAL CARE FACILITY	873,966.14	1,608.35	38,236.19	837,338.30
Fund 352 - PENSION OBLIGATION BOND DEBT	2,494.37	121,959.25	46,065.00	78,388.62
Fund 353 - HD PENSION OB BOND DEBT	291.41	47,366.35	0.00	47,657.76
Fund 374 - PURDY BLDG DEBT	0.00	18,683.56	0.00	18,683.56
Fund 375 - CARO SEWER SERIES 2007	0.00	409,882.80	409,882.80	0.00
Fund 379 - MAYVILLE STORM SEWER DEBT	0.00	19,475.00	19,475.00	0.00
Fund 385 - DENMARK TWP SEWER DEBT	0.00	30,161.66	0.00	30,161.66
Fund 387 - WISNER TWP WATER DIST SYS DEBT	0.00	119,237.50	119,237.50	0.00
Fund 470 - STATE POLICE BUILDING	198,615.28	13,628.98	0.00	212,244.26
Fund 483 - CAPITAL IMPROVEMENTS FUND	1,559,553.67	2,281,770.35	56,444.30	3,784,879.72
Fund 488 - JAIL CAPITAL IMPROVEMENTS FUND	964,363.41	2,291.67	0.00	966,655.08
Fund 532 - TAX FORECLOSURE FUND	2,198,188.73	153,937.68	71,240.70	2,280,885.71
Fund 626 - COMBINED REVOLVING TAX FUND	5,720,631.23	316,246.90	0.00	6,036,878.13
Fund 676 - MOTOR POOL FUND	27,953.01	943.56	184.32	28,712.25
Fund 677 - WORKERS' COMPENSATION	27,174.22	45,718.44	87,463.04	(14,570.38)
Fund 678 - HEALTH INSURANCE FUND	527,886.20	1,041,224.65	946,541.00	622,569.85
Fund 801 - SPECIAL DRAIN	3,136,136.50	400,784.81	70,858.65	3,466,062.66
Fund 824 - NORTHWEST CONSTRUCTION	450,540.01	0.00	0.00	450,540.01
Fund 830 - BACH & BRANCHES CONST	261,663.54	1,952.90	0.00	263,616.44
Fund 831 - MOORE CONSTRUCTION	271,650.07	2,043.23	0.00	273,693.30
Fund 832 - MURPHY LAKE CONSTRUCTION	82,394.08	172.79	2,020.25	80,546.62
Fund 835 - FULTON STREET DRAIN CONST	118,996.59	250.05	0.00	119,246.64
Fund 838 - YAX NORTH CONSTRUCTION	107,439.87	225.76	0.00	107,665.63
Fund 860 - BACH & BRANCHES DEBT RETIREMEN	197,334.11	414.66	0.00	197,748.77
Fund 861 - MOORE DEBT RETIREMENT	189,653.66	83,720.60	0.00	273,374.26
Fund 862 - ARMBRUSTER I/C DEBT	18,211.47	3,447.16	0.00	21,658.63
Fund 863 - AKRON MAIN STREET DEBT	24,493.48	5,628.50	0.00	30,121.98
Fund 864 - PIGEON RIVER I/C DEBT	9,786.63	4,114.13	0.00	13,900.76
Fund 865 - FULTON STREET DRAIN DEBT	75,877.83	18,332.94	0.00	94,210.77
Fund 867 - INDIAN CREEK I/C	36,882.59	8,929.34	0.00	45,811.93
Fund 868 - YAX NORTH DEBT RETIREMENT	57,901.77	40,522.59	0.00	98,424.36
Fund 869 - MURPHY LAKE DEBT RETIREMENT	13,963.16	0.00	0.00	13,963.16

TOTAL ALL FUNDS

48,952,802.65

17,803,589.86

19,918,295.05

46,838,097.46

Tuscola County
General Fund Revenue by Category
 Period Ending
 March 31, 2023

DESCRIPTION	2023 BUDGET	MONTH-TO-DATE ACTUAL	YEAR-TO-DATE ACTUAL	BUDGET BALANCE	PREVIOUS YEAR ACTUAL(1)
TAXES	8,833,595.00	202,822.00	458,231.09	8,375,363.91	8,500,920.05
INTERGOVERNMENTAL	2,037,638.00	220,467.86	254,760.86	1,782,877.14	1,917,524.14
CHARGES FOR SERVICES/FEES	1,259,025.00	121,616.07	268,578.19	990,446.81	1,020,528.73
CHARGES FOR SERVICES/SALES	62,000.00	5,728.66	18,750.71	43,249.29	53,165.32
FINES AND FORFEITS	409,000.00	18,749.94	40,603.33	368,396.67	305,727.47
INTEREST AND RENT	546,807.00	63,813.35	179,010.83	367,796.17	518,686.49
REIMBURSEMENTS AND REFUND	384,630.00	36,447.22	66,219.87	318,410.13	374,976.56
TRANSFER IN	868,305.00	16,025.35	47,135.05	821,169.95	9,544,122.18
MISC REVENUE	1,234,479.00	10,534.22	134,019.82	1,100,459.18	371,094.66
GRAND TOTALS	15,635,479.00	696,204.67	1,467,309.75	14,168,169.25	22,606,745.60

(1) Represents year to date figures as of reporting month of previous year.

Tuscola County
General Fund Expenditures by Category
 Period Ending
 March 31, 2023

CATEGORY	2023 BUDGET	MONTH-TO-DATE ACTUAL	YEAR-TO-DATE ACTUAL	BUDGET BALANCE	PREVIOUS YR-TO-DATE ACTUAL
<u>LEGISLATIVE</u>					
BOARD OF COMMISSIONERS	169,961.00	11,765.12	37,752.10	132,208.90	190,090.22
SPECIAL PROGRAMS	52,100.00	11,706.83	26,684.69	25,415.31	18,510.06
TOTAL LEGISLATIVE	222,061.00	23,471.95	64,436.79	157,624.21	208,600.28
<u>JUDICIAL</u>					
UNIFIED COURT	2,656,284.00	179,302.84	557,416.46	2,098,867.54	2,302,243.40
JURY COMMISSION	9,115.00	807.39	1,901.85	7,213.15	8,654.36
ADULT PROBATION	14,000.00	951.25	2,443.36	11,556.64	10,903.43
TOTAL JUDICIAL	2,679,399.00	181,061.48	561,761.67	2,117,637.33	2,321,801.19
<u>GENERAL GOVERNMENT</u>					
ELECTION	38,600.00	255.69	(217.37)	38,817.37	103,300.26
CLERK	601,743.00	39,836.24	133,225.50	468,517.50	538,414.49
CONTROLLER	488,198.00	31,873.21	113,298.18	374,899.82	437,742.39
EQUALIZATION	282,997.00	18,993.56	65,482.08	217,514.92	261,200.86
PROSECUTOR	830,875.00	54,505.28	182,738.69	648,136.31	771,913.88
CO-OP REIMBURSEMENT-PROSECUTOR	243,607.00	17,956.76	59,174.88	184,432.12	228,591.64
REGISTER OF DEEDS	358,566.00	16,846.93	63,296.05	295,269.95	303,477.82
TREASURER	246,447.00	18,383.69	47,014.63	199,432.37	211,233.73
COMPUTER OPERATIONS	871,648.00	158,006.08	448,604.29	423,043.71	852,010.19
BUILDING AND GROUNDS	1,034,368.00	93,578.00	244,783.37	789,584.63	1,041,599.99
DRAIN COMMISSION	280,923.00	18,964.29	63,203.91	217,719.09	258,410.17
ECONOMIC DEVELOPMENT CORP	120,000.00	0.00	60,000.00	60,000.00	620,000.00
TOTAL GENERAL GOVERNMENT	5,397,972.00	469,199.73	1,480,604.21	3,917,367.79	5,627,895.42

PUBLIC SAFETY

COURTROOM SECURITY	189,075.00	12,904.69	35,931.57	153,143.43	121,595.97
COURTHOUSE SECURITY	120,232.00	23,332.15	43,365.79	76,866.21	157,704.89
SHERIFF'S DEPT- JAIL	2,641,583.00	215,757.42	605,693.60	2,035,889.40	2,519,877.58
SECONDARY ROAD PATROL	79,321.00	42.58	1,442.66	77,878.34	65,634.87
THUMB AREA NARCOTICS GROUP	5,433.00	668.87	1,546.07	3,886.93	5,436.78
PLANNING COMMISSION	5,306.00	538.25	1,009.49	4,296.51	5,134.12
WEIGHMASTER ENFORCEMENT	107,662.00	7,853.15	24,582.01	83,079.99	97,622.49
MARINE SAFETY	6,065.00	0.00	0.00	6,065.00	18,169.81
COMMUNITY CORRECTIONS SERVICE	68,737.00	(455.91)	0.00	68,737.00	15,719.63
EMERGENCY SERVICES	130,124.00	8,960.27	28,110.47	102,013.53	121,793.92
TOTAL PUBLIC SAFETY	3,353,538.00	269,601.47	741,681.66	2,611,856.34	3,128,690.06

PUBLIC WORKS

BOARD OF PUBLIC WORKS	1,210.00	0.00	225.67	984.33	1,283.38
DRAINS AT LARGE	381,173.00	0.00	381,172.51	0.49	362,159.01
TOTAL PUBLIC WORKS	382,383.00	0.00	381,398.18	984.82	363,442.39

HEALTH AND WELFARE

SUBSTANCE ABUSE	60,000.00	0.00	8,265.50	51,734.50	51,823.74
MEDICAL EXAMINER	100,000.00	8,650.00	14,250.00	85,750.00	131,675.00
TOTAL HEALTH AND WELFARE	160,000.00	8,650.00	22,515.50	137,484.50	183,498.74

MISC. EXPENSE

INSURANCE AND BONDS	162,821.00	264,896.00	268,522.45	(105,701.45)	48,724.80
CONTINGENCY FUND	98,222.00	0.00	0.00	98,222.00	0.00
ACCOUNTING SERVICES	51,500.00	0.00	0.00	51,500.00	47,705.00
LEGAL COUNSEL	110,000.00	23,416.82	19,970.95	90,029.05	112,536.82
ESCROW PORTION OF WIND REVENUE	254,135.00	0.00	0.00	254,135.00	0.00
DHHS BOARD	9,944.00	691.68	2,075.04	7,868.96	9,934.16
AIRPORT ZONING BRD OF APPEALS	1,035.00	215.32	303.10	731.90	587.40
EMPLOYEE SICK/VACATION BENEFIT	27,405.00	0.00	1,664.67	25,740.33	23,880.22
TOTAL MISC EXPENSE	715,062.00	289,219.82	292,536.21	422,525.79	243,368.40

OPERATING TRANSFERS OUT

COUNTY PARKS FUND	0.00	0.00	0.00	0.00	25,500.00
FRIEND OF THE COURT TRANSFERS	242,970.00	0.00	60,742.50	182,227.50	269,711.00
TRANSFER OUT DISPATCH	0.00	0.00	0.00	0.00	266,669.00
HEALTH DEPT APPROPRIATION	426,749.00	0.00	106,686.25	320,062.75	399,749.00
BEHAVIORAL HEALTH	288,243.00	0.00	72,060.75	216,182.25	288,243.00
TRANS OUT ANIMAL CONTROL	180,000.00	0.00	45,000.00	135,000.00	145,400.00
EQUIPMENT CAPITAL IMPROVEMENT	462,300.00	0.00	115,575.00	346,725.00	614,805.71
GIS FUND	60,000.00	0.00	15,000.00	45,000.00	60,000.00
TRANSFER OUT MIDC	255,945.00	0.00	63,986.25	191,958.75	251,472.00
CHILD CARE HUMAN SERVICES	50,000.00	0.00	12,500.00	37,500.00	150,000.00
CHILD CARE (PROB CT & SOC SER)	200,000.00	0.00	50,000.00	150,000.00	300,000.00
PURDY BUILDING DEBT	74,643.00	0.00	18,660.75	55,982.25	76,590.08
CAPITAL IMPROVEMENTS FUND	2,644,491.00	0.00	2,276,166.00	368,325.00	0.00
TOTAL OPERATING TRANSFERS OUT	4,885,341.00	0.00	2,836,377.50	2,048,963.50	2,848,139.79
TOTAL EXPENDITURES AND OTHER FINANCING USES	17,795,756.00	1,241,204.45	6,381,311.72	11,414,444.28	14,925,436.27



Tuscola County

Clayette Zechmeister <zclay@tuscolacounty.org>

Part-Time Clerk II promotion

Marianne Brandt <mbrandt@tuscolacounty.org>
To: Clayette Zechmeister <zclay@tuscolacounty.org>

Tue, Apr 4, 2023 at 8:12 AM

Good morning Clayette!

I would like to be added to the agenda for the next Board meeting to request to promote Rachel Chaney Ruiz from Part-time Account Clerk II to the vacant Full-Time Account Clerk III position effective April 17, 2023 at Step 1 with a starting rate of \$17.33 per hour.

Thank you! Have a great day!

Marianne Brandt
Tuscola County Register of Deeds
125 W Lincoln St.
Caro, Michigan 48723
989-672-3845
Mbrandt@tuscolacounty.org

Sponsored by

SAFEbuilt®

Meet and Greet

Monday, April 10

Join us from

11:00 AM - 2:00 PM

State Street Square Pavilion

(aka Farmer's Market)

Downtown Caro, Michigan

Refreshments will be provided

