

WEST HEMPFIELD FIRE & RESCUE COMPANY



2022 FIRE & RESCUE RESPONSE REPORT

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Fire Chief, West Hempfield Fire Rescue Company
Prepared By: Eric G. Bachman,
Firefighter, West Hempfield Fire & Rescue Company

Dear West Hempfield Township Supervisors,

Please find enclosed the West Hempfield Fire & Rescue Company (WHFR) 2022 Fire & Rescue Response Report. The report provides general statistical data intended to illustrate transparency of the emergency services rendered by WHFR during 2022. This report is similar to previous year's submissions and offers comparison data from previous calendar years. This report only reflects fire and rescue activities and does not include business administration data. In addition to general statistics, at the end of this report are responder activity spreadsheets pertaining to call responses and training of our volunteer professionals.

Calendar year 2022 saw many challenges. Most notably was a **7% increase** in overall emergency responses as will be illustrated graphically throughout this report. Operationally in 2022, the company focused on enhancing response capabilities including strengthening procedures and joint training with the Mountville Fire Company.

A significant operational project was the hard work of the New Engine Committee. Over the course of two-years, the committee engaged in designing a functional, yet cost-effective new pumper to replace our 1999 model. In September 2021, the fire company voted to purchase a new pumper from the E-One Corporation. With the endorsement and financial support of the West Hempfield Township Board Of Supervisors we were able to place the order which is anticipated to take approximately 18 months from the signed contract date.

We greatly appreciate your past and continued support and hope that the following information reinforces your faithful trust of our mission and operations. Should you have any question after reviewing this report, please do not hesitate to contact me.

Respectfully,

Joseph S. Ney

Fire Chief

SECTION 1 – RESPONSE AND ACTIVITY OVERVIEW

In 2022 WHFR responded to **605** calls which represents a **7% increase** from the previous year. Table 1 provides comparison data back through 2017 with additional overall service times. The row entitled *Incident Service Time* represents the total on-scene time, as a company, units were on the scene of all of calls. The row labeled *Total Incident Man-Hours* represents the combined hours that responders spent on calls.

The row labeled *Operational Assignment Hours* (OAH) represented service hours documented for the federal regional Staffing for Adequate Fire and Emergency Response (SAFER) grant that expired in November of 2021. Because the grant concluded in November 2021, no OAH hours were documented in 2022.

The row labeled *Personnel Training Hours* represents the cumulative hourly participation of all responders for the year. Annual training hours through 2018 are included to further illustrate volunteer member service time.

The row entitled *Total Service Man-Hours* (TMH) is the combined hours of response and training. The TMH's listed is representative of only the operational aspects of WHFR. The time spent on the business side of the organization including human resources, financial and administration are not included.

Last on the chart is the Average Personnel Response Per Call. This number is subjective to include all calls. Single unit dispatched responses such as Fire Police for Traffic Control events, or Tanker assists to other companies (that require no more than 1 or 2 people) are included in the figure listed. The company utilizes a commercially developed mobile application called *I Am Responding* (IAR), The IAR app allows members to log in upon dispatch of an emergency and advise of their response as well as see what other responders are enroute to the call. For limited staff required dispatches, such as a Tanker assist, responders may curtail their drive to the fire station when they know the fire unit will respond, therefore a large 'personnel turnout' may not be observed for those call types. A responder living further from the station may choose to stay home knowing the unit (such as the two-seat tanker will respond) rather than consuming time and gas to travel to the station.

RESPONSE & ACTIVITY OVERVIEW 2017 – 2022						
Category	2017	2018	2019	2020	2021	2022
Total Calls	487	600	579	502	566	605
Incident Service Time (in hours)	279	526.5	575.50	534.75	560.75	575.75
Total Incident Man-hours	4,280	4,753.25	4,595.25	3,988.25	4,814.50	5,205.50
Operational Assignment Hours	--	--	4,001	3,673.25	3,458.50	----
Personnel Training Hours	--	1,370	1,443.75	1,700.25	1,819.75	1,284.00
Total Service Man-Hours	4,280	6,123.25	10,040.00	9,361.75	10,092.75	6,484.50
Average Personnel Per Call	8.8	8.6	8.1	8.4	7.7	6.9

Table 1

Figure 1 (below), is a bar chart of total calls that illustrates the record year that WHFR experienced in 2022. Figure 1 provides differentiation of district responses per year. For example, in 2022 WHFR responded to 605 calls. Of those, 283 were in the WHFR first due response area and 322 were assists to other locales. Detailed mutual aid information is provided later.

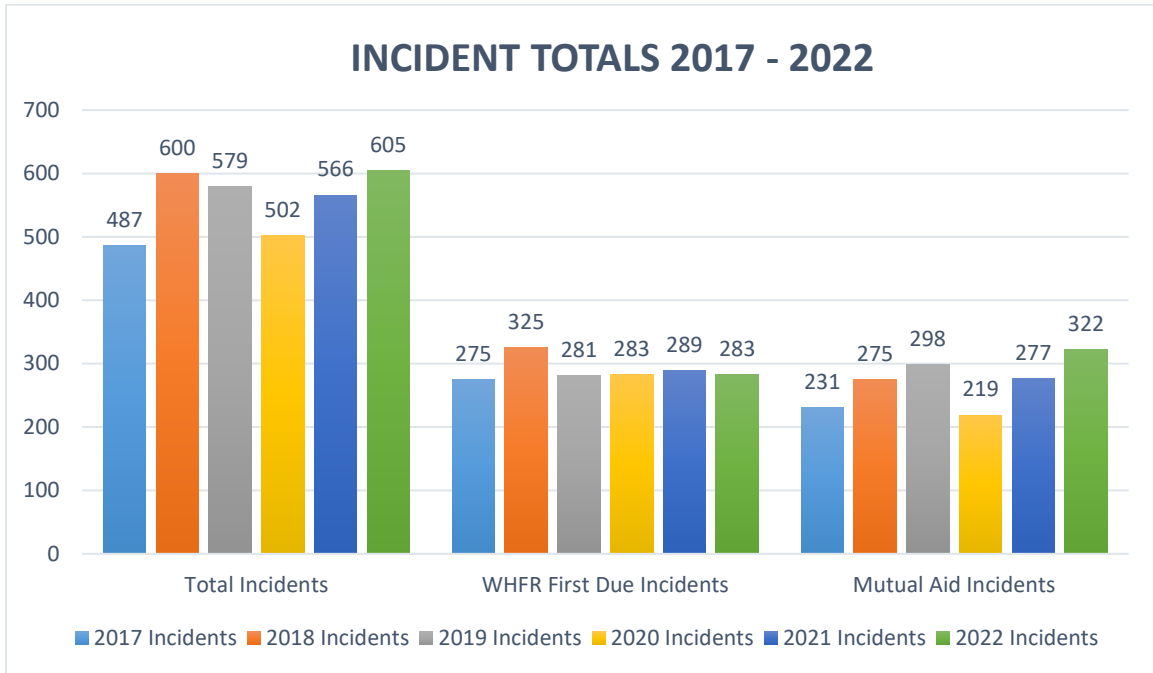


Figure 1

SECTION 2 – INCIDENT NATURE RESPONSES

WHFR is an all-hazards response agency and we respond to a variety of incident types. Table 2 is a statistical table followed by a pie chart. Table 2 provides incident Category by percent for 2022. Previous reports provided a definitions list of incident natures. That has been removed from this years report to enable you to focus on the response statistics. Should you, however, have questions on what an incident type includes, please do not hesitate to contact me. Figure 2 is a pie chart of 2022 incident natures.

INCIDENT NATURE COMPARISONS 2017-2022							
Category	2017	2018	2019	2020	2021	2022	% of 2022 Calls
Vehicle Accidents	174	188	181	178	187	175	29%
Automatic Fire Alarms	75	102	92	77	85	113	19%
Structure Fires	57	77	118	73	99	95	16%
Public Service Assistance	38	54	18	3	10	11	2%
Medical Assists	23	32	27	34	63	46	7%
Gas Leaks	21	28	15	16	11	7	1%
Water Rescues	2	20	0	4	7	8	1%
Vehicle Fires	15	19	25	16	14	26	4%
Brush / Trash Fires	13	20	18	19	16	22	4%
Wires / Utility Lines	7	9	8	8	5	23	4%
Stand-bys	7	11	5	4	6	4	1%
Assist the Police Department	22	8	28	15	21	8	1%
Carbon Monoxide Alarms	1	6	7	7	0	4	<1%
Rescues (Farm/ Environmental)	3	3	1	3	2	3	<1%
Search Details	1	2	1	0	1	2	<1%
Gas Grill Fire	0	0	0	0	1	0	---
Investigation	20	21	35	45	38	58	9%
Totals	479	600	579	502	566	605	

Table 2

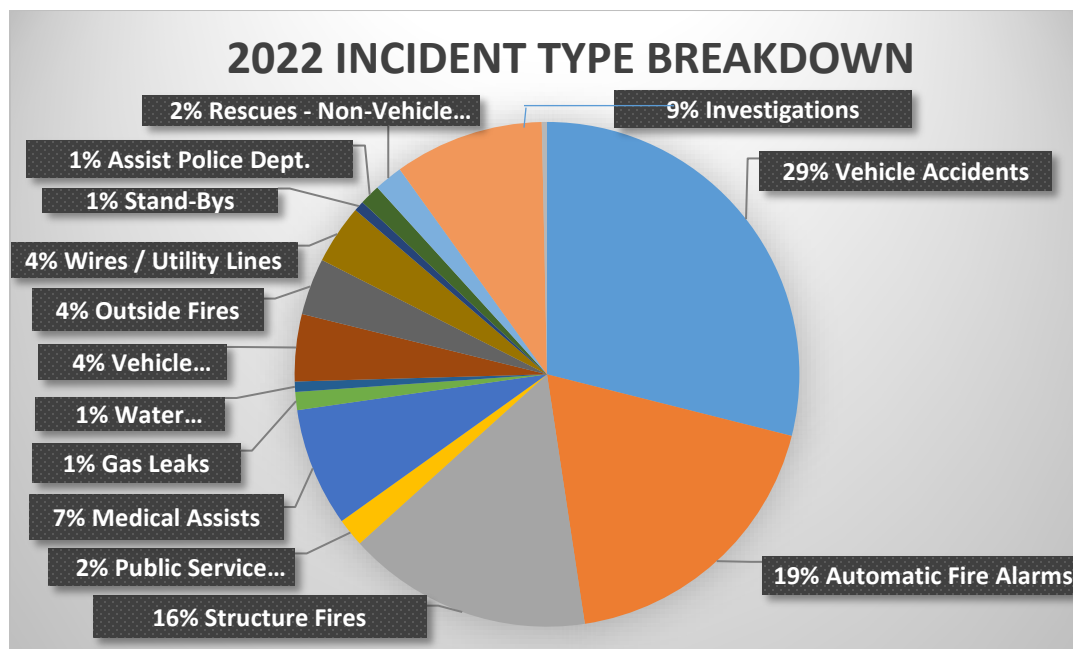


Figure 2

SECTION 3 – MUNICIPAL RESPONSES

Figure 1 included data on jurisdictional response data. Mutual Aid is the practice of calling neighboring departments or specialized resources to assist at real or potentially hazardous incidents. All fire departments in Lancaster County engage in mutual aid. It is an important and necessary practice for which no fire department is immune from needing assistance. On some incidents, automatic aid is immediately dispatched to ensure initial strategies and tactics can be initiated. Automatic aid statistics is included in the Mutual Aid Data. Table 3 (Municipal Responses Overview 2017-2022) differentiates the municipal responses of calls in the WHFR first due district and mutual/automatic assists to other municipalities.

MUNICIPAL RESPONSES OVERVIEW 2017 – 2022						
Category	2017	2018	2019	2020	2021	2022
Total Calls	487	600	579	502	566	605
WHFR First Due Calls	256	325	281	283	289	283
Mutual Aid Calls	231	275	298	219	277	322

Table 3

Table 4 expands on the municipal response category by listing each municipality for which WHFR resources responded. Comparison can be made from 2018 through 2022. The last column in Table 4 illustrates the percentage of all calls answered in each municipality during 2022. Specific details on agency assistance is provided in the next section. Rows with shaded backgrounds are municipalities not applicable to 2022 responses.

MUNICIPALITY RESPONSES 2018 – 2022						
Municipality	2018	2019	2020	2021	2022	% in 2022
West Hempfield Township	381	367	330	351	369	61%
East Hempfield Township	110	102	78	104	116	19%
Mountville Borough	29	26	36	27	41	6%
Columbia Borough	25	44	24	34	38	6%
Rapho Township	18	10	8	13	13	2%
Manor Township	11	8	13	13	9	1%
East Donegal Township	8	10	5	13	14	2%
Marietta Borough	2	3	2	0	4	<1%
West Donegal Township	--	--	--	--	1	<1%
Hellam Township (York County)	0	0	2	3	0	NA
Conoy Township	0	0	0	3	0	NA
Lancaster Township	2	2	0	2	0	NA
Manheim Borough	0	0	0	2	0	NA
Clay Township	0	0	0	1	0	NA
East Lampeter Township	0	0	1	0	0	NA
Mount Joy Borough	4	1	0	0	0	NA
Martic Township	3	0	0	0	0	NA
Yorkana Borough (York County)	3	2	0	0	0	NA
Lititz Borough	2	1	0	0	0	NA
Wrightsville Borough (York Co.)	2	1	3	0	0	NA
Penn Township	0	1	0	0	0	NA
Strasburg Township	0	1	0	0	0	NA
Warwick Township	0	1	0	0	0	NA

Table 4

As revealed in Table 4, in 2022 62% of our calendar year call volume were responses to incidents in West Hempfield Township. Figure 3 is a pie chart illustration of Table 4.

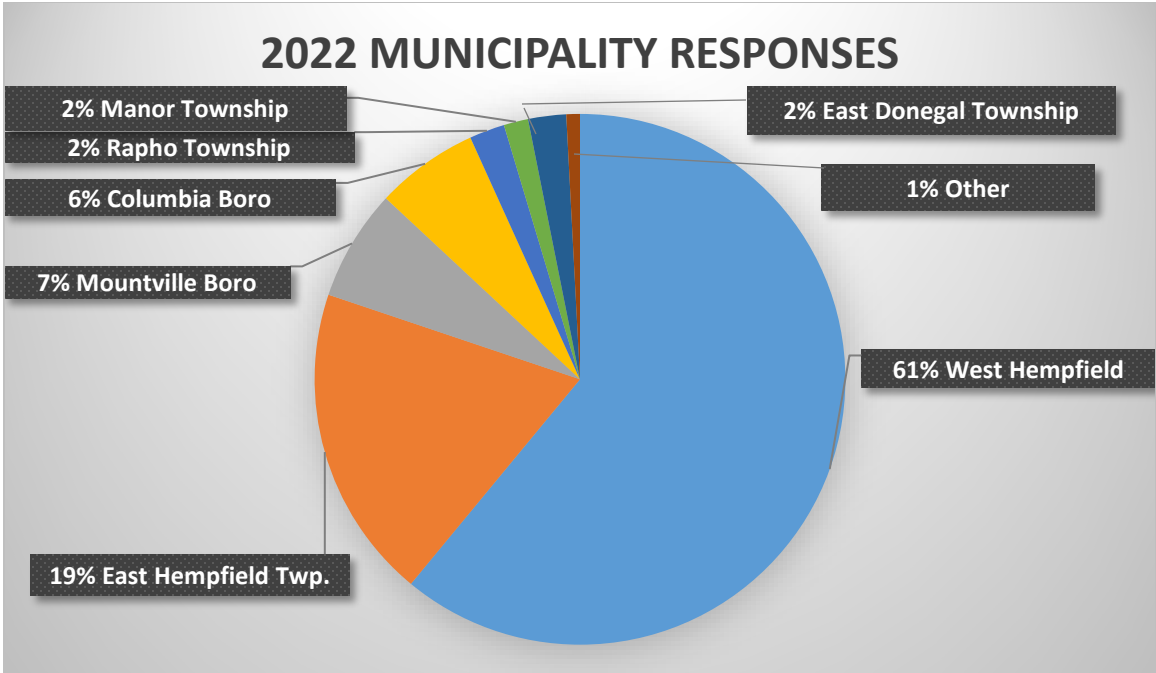


Figure 3

SECTION 4 – MUTUAL AID AGENCY SUMMARY

Mutual Aid can be categorized as Mutual Aid Given (MAG) and Mutual Aid Received (MAR). MAG is where WHFR resources are automatically or specifically requested to respond to other jurisdictions to provide assistance. MAR represents incidents where neighboring fire department resources are summoned to assist at incidents in the WHFR first due area.

Table 5 summarizes what agencies WHFR provided assistance to (Mutual Aid Given) and to what agencies WHFR sought assistance from (Mutual Aid Received). Comparison data is provided from 2019 through 2022. An interpretation example would be that in 2022 WHFR provided assistance to the Mountville Fire Company on 127 of their incidents. Conversely Mountville Fire Company provided assistance on 118 WHFR first due incidents.

MUTUAL AID SUMMARY								
Fire Department	Mutual Aid Given (MAG)				Mutual Aid Received (MAR)			
	2019	2020	2021	2022	2019	2020	2021	2022
Mountville Fire Company	108	81	87	127	27	44	80	118
Rohrerstown Fire Company	59	52	82	89	41	38	31	31
Hempfield Fire Department	41	27	17	25	24	34	44	32
Columbia Borough Fire Department	46	24	34	38	93	87	80	82
Fire Department Mount Joy	9	9	14	13	8	6	10	10
Blue Rock Fire Rescue	8	11	14	9	26	18	23	35
Maytown Fire Company	10	5	12	10	5	4	1	4
Wrightsville Fire Co. (York Co.)	0	3	3	0	0	5	6	15
East Petersburg Fire Company	5	2	1	2	2	4	1	1
Marietta Fire Company	3	2	0	4	3	1	6	9
Rheems Fire Co.	0	0	0	1	0	0	0	1

Table 5

SECTION 5 – FIRE LOSS EXPERIENCE

Table 6 provides information on the number of incidents in the WHFR first due area that sustained reportable fire losses. Other value data is provided representative to only the value of the property that sustained damage. The value of property potentially endangered on all incidents is exponentially large and not a part of this Table. This table is only a synopsis of fire loss and does not yield fire origin or cause data.

FIRE LOSS EXPERIENCE 2017 – 2022					
Year	Fire Loss Incidents	Value of Property Endangered	Value of Property Loss Sustained	Property Saved	% Saved
2017	3	\$ 244,000	\$ 244,000	\$0	0%
2018	2	\$ 612,315	\$ 90,000	\$ 522,315	85%
2019	7	\$ 24,240,000	\$ 580,000	\$ 23,660,000	97%
2020	7	\$ 3,039,000	\$ 982,000	\$ 2,057,000	67%
2021	7	\$ 1,600,000	\$ 125,000	\$ 1,490,000	93%
2022	20	\$ 6,089,625	\$ 865,900	\$ 5,223,725	86%

Table 6

SECTION 6 – FIREFIGHTER INJURIES

In 2022 there were no firefighter injuries.

SECTION 7 – FLEET RESPONSES

Table 7 illustrates the number of times each WHFR unit responded on a call. Response comparisons are made from 2017 through 2022. Many incidents only required the response of a single WHFR unit.

FLEET RESPONSES						
Unit	2017	2018	2019	2020	2021	2022
Engine 76-2	177	221	214	187	197	238
Rescue 76	180	219	264	215	193	215
Tanker 76	73	90	114	92	111	120
TAC 76	--	--	--	140	127	145
Squad 76-1	77	91	116	43	80	45
Duty Vehicle 1	221	305	315	272	280	317
Duty Vehicle 2	--	--	--	125	119	123
UTV 76	14	17	12	16	15	10
Traffic 76	223	258	216	250	224	283

Table 7

SECTION 8 – PERSONNEL ACTIVITY

In 2022, the volunteer members of the West Hempfield Fire & Rescue Company accrued more than 6,400 hours of (documented) services. Hundreds, if not thousands more hours were provided, but not documented after conclusion of the federal SAFER grant in November 2021. In addition no administrative hours were captured. The service time was accumulated through only two categories including emergency response time and training. All of these hours were uncompensated saving hundreds of thousands of dollars in salaries and benefits. Our members dedicated their time to protect the citizens, visitors and businesses of West Hempfield Township. Some members responded to an extraordinary number of emergency calls as well as participated in significant training. Like last year's year-end report, a roster is provided (below) with the number of calls each member responded to. Additionally, this report also provides a list of training hours completed by each member in 2022.

West Hempfield Fire & Rescue

Silver Spring, PA

This report was generated on 1/5/2023 6:15:36 PM

Total Incidents per Personnel for Date Range

Personnel: All Personnel | Sort By: Count | Start Date: 01/01/2022 | End Date: 12/31/2022

PERSONNEL	COUNT	PERCENTAGE
Ney, Joe	358	59.17 %
Enders, Jay	344	56.86 %
Sauder, Jeremy	295	48.76 %
Kline, Duane	285	47.11 %
Forry, Ivan	274	45.29 %
Bachman, Eric	251	41.49 %
Strickler, James	240	39.67 %
Wagner, Garry	211	34.88 %
strayer, pete	200	33.06 %
Wright, Phill	174	28.76 %
Wissler, Randy	166	27.44 %
eide, derek	164	27.11 %
Sauder, Jonathan	103	17.02 %
Charles, Nathan	95	15.70 %
Strickler, Peter	93	15.37 %
Carter, Barry	91	15.04 %
Conley, Eric	90	14.88 %
siltzer, chris	88	14.55 %
Sauder, Jason	82	13.55 %
forry, darren	81	13.39 %
Kimes, Mike	81	13.39 %
siltzer, taylor	69	11.40 %
Weigand, James	59	9.75 %
hertzog, cameron	35	5.79 %
Moyer, Teddy	35	5.79 %
Ney, Mark	35	5.79 %
Roemer, Chaplin	33	5.45 %
sauder, molly	32	5.29 %
Bachman, Cole	30	4.96 %
Wagner, Angela	24	3.97 %
Cramer, Nate	19	3.14 %
Chamberlain, Logan	18	2.98 %
gasperetti, bill	9	1.49 %
Haldeman, Frank	8	1.32 %
Burke, Tim	3	0.50 %
Gayman, Jan	2	0.33 %
haines, rich	2	0.33 %
Ament, Kirk	1	0.17 %

Personnel Response Continued on Next Page

PERSONNEL	COUNT	PERCENTAGE
<u>beck. rudy</u>	1	0.17 %
<u>bower. meggie</u>	1	0.17 %
<u>bower. thomos</u>	1	0.17 %
<u>Clark, Chas</u>	1	0.17 %
<u>powell. cameron</u>	1	0.17 %
Sum of Individual Responses	4185	
Total Incidents for Date Range	605	

WEST HEMPFIELD FIRE & RESCUE CO.

2022 PERSONNEL TRAINING HOURS

<u>WHFR PERSONNEL</u>	<u>2022 TRAINING HOURS</u>
Bachman, Eric	267.5
Wright, Phill	119.5
Eide, Derek	89.5
Sauder, Jeremy	88.5
Strickler, Peter	68.5
Strickler, James	67
Siltzer, Taylor	54.5
Forry, Ivan	54
Charles, Nathan	47.5
Kline, Duane	46.5
Forry, Darren	44.5
Siltzer, Chris	39.5
Carter, Barry	34.5
Wissler, Randy	33
Sauder, Jonathan	32
Enders, Jay	25
Chamberlain, Logan	22.5
Conley, Eric	22.5
Sauder, Molly	16
Sauder, Jason	12.5
Burke, Tim	12
Kimes, Michael	12
Strayer, Pete	11
Ament, Kirk	9
Gasperetti, Bill	8
Gayman, Jan	8
Ney, Mark	7.5
Wagner, Garry	7
Haldeman, Frank	6.5
Ney, Joseph	5
Bower, Maggie	4
Wagner, Angela	4
Cramer, Nathan	2
Moyer, Teddy	2
Wiegand, James	1
Bachman, Cole	0
Total 2022 Training Manhours	1284 Total Hours