

# Report for Village of Ashville, Ohio

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## Impact Fee Methodology and Costing Report



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**APPENDIX F  
SUPPLEMENTAL FIRE INFO**

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## Ashville Impact Fee Data

### Run Statistics – Ashville specific

- 2022 (YTD) Run Volume
  - 5 structure and other working fire runs
  - 9 motor vehicle collision runs
  - 657 total runs (34.3% of our total run volume)
- 2021 Run Volume
  - 10 structure and other working fire runs
  - 8 motor vehicle collision runs
  - 810 total runs (33.4% of our total run volume)
- 2020 Run Volume
  - Unfortunately tracking run specifics is difficult due to a change in reporting software after the conclusion of 2020.
  - 698 total runs (31.2% of our total run volume)

### Future Metrics

- It would be helpful to see what the data will show as far as predicted run volume within Ashville at the 3 – 5- and 10-year mark. Ashville is consistently our busiest district. Knowing what the potential for run volume is will help us plan for the necessity to add more staffing and purchase more vehicles, specifically ambulances along with the equipment to stock them.

### Current Vehicles

- 2020 Rosenbauer Pumper
  - Initial Purchase Price: \$475,000 plus \$100,000 in aftermarket work.
- 2017 Spartan Pumper
  - Initial Purchase Price: \$478,659.00
- 2020 Horton Ambulance on a 2020 Ford F550 chassis
  - Initial Purchase Price: \$164,904.00
- 2017 Horton Ambulance on a 2017 Ford F450 chassis
  - Initial Purchase Price: \$198,938.92
- 2013 Horton Ambulance on a 2013 Ford F450 chassis
  - Initial Purchase Price: \$65,914.15
- 2008 Ford F350 Brush/Wildland Fire Truck
  - Initial Purchase Price: \$24,647.00
- 2020 Ford F150 Utility Pickup Truck
  - Initial Purchase Price: \$27,128.00 (excluding light package/decals)
- 2010 Ford F150 Utility Pickup Truck
  - Initial Purchase Price: \$22,391.00
- 2020 Chevrolet Tahoe SUV
  - Initial Purchase Price: \$60,000.00 estimate including customization
- 2021 Rescue Boat
  - Initial Purchase Price: \$28,000

- Utility Terrain Vehicle
  - Initial Purchase Price: \$10,000.00

### **Equipment Inventory and Costs**

- Radios
  - See attached inventory sheet.
  - The Fire Chief, each Captain and the PIO have their own assigned radios. (5)
  - All other firefighters share a radio
    - 1 radio for 3 Full Time Firefighters
    - 1 radio for 6 Part Time Firefighters
  - Harris XL-200 portable radios cost approximately \$4,000.00
- Fire Gear
  - Each Firefighter is issued a complete set of PPE.
  - Full Time Fire Fighters have 2 sets of PPE.
  - It can cost approximately \$3,000.00 per set (helmet, coat, pants, boots, hood, gloves)
  - We currently have 34 employees who are issues PPE.

### **Other One-Time Purchases**

- With our current fleet of vehicles and staff, there is no need for additional one-time purchases at this moment. When staffing levels are increased, the Fire Department will need to purchase new sets of PPE. We currently have enough portable radios to accommodate 12 additional Full Time Firefighters or 24 additional Part Time Firefighters, however this would leave the Fire Department without reserve inventory should one become damaged.

### **Other Notes**

- As the Village grows in population our run volume will inherently increase along with it. If the Fire Department does not or cannot address this relatively soon in the future, our run volume will exceed our capability to respond to those calls in a timely manner. Mutual aid departments would have to cover those runs. The Fire Department must increase staffing and fleet capabilities as the Village grows to meet demand. Run volume in general is our first indicator that the area is growing, and the Fire Department must grow with it.
- Collecting data for run volume in the future annexation area for the Village is not something our records management system can sort out from the remainder of Harrison Township data. An estimate though would potentially be that 65% of the runs taken in Harrison Township proper would be in the Ashville annexation area. Within that area is a large commercial campus, along with low to middle income housing and mobile home communities; all of which contribute significantly to our call volume for Harrison Township. Year to date the Fire Department has taken 330 calls in Harrison Township. Speculative as it is, one could assume that approximately 214 calls could be accounted for in the annexation area.



# RESEARCH

### Select a Type of Fire

- Outside or Unclassified Fire
- Structure Fire
- Vehicle Fire

## Number of Fires Reported to Local Fire Departments in the United States by Property Use: 2015-2019 Annual Averages

Major Property Class (click here to expand)	Fires	Civilian deaths	Civilian injuries	Property loss
1 - Assembly	16,315	15	182	\$343,688,234
2 - Educational	4,677	1	46	\$59,573,337
3 - Health Care, Detention & Correction	6,764	7	150	\$56,241,887
<b>4 - Residential</b>	<b>377,399</b>	<b>2,761</b>	<b>11,582</b>	<b>\$7,758,625,644</b>
5 - Mercantile or Business	19,156	17	274	\$834,208,210
6 - Industrial, Utility, Defense, Agriculture, Mining	2,953	2	37	\$228,619,138
7 - Manufacturing, processing	5,308	4	166	\$804,767,853
8 - Storage	22,439	34	292	\$644,744,217
9 - Outside or special property	29,174	19	114	\$132,084,219
Unclassified or unknown property	7,112	8	64	\$84,099,009
<b>Grand Total</b>	<b>491,298</b>	<b>2,868</b>	<b>12,907</b>	<b>\$10,946,651,749</b>

Estimates based off of USFA's National Fire Incident Reporting System and NFPA's Annual Fire Experience Survey  
 For more information, contact us: <https://www.nfpa.org/Customer-Support/ResearchReqForm>

### PROPORTIONATE SHARE

Residential -  $377,399/491,298 = 77\%$

Non-Residential = 23%

**Table 3. Career Firefighter Rates by Population Protected, 2020**

Population Protected	Career Firefighters Per 1,000 Population		
	Low	Median	High
1,000,000 or more	0.24	0.84	2.16
500,000 to 999,999	0.20	1.22	2.83
250,000 to 499,999	0.47	1.14	2.57
100,000 to 249,999	0.00	1.20	2.74
50,000 to 99,999	0.00	1.29	2.86
25,000 to 49,999	0.00	1.30	5.32

**The rates listed above are based on data reported to the NFPA and do not reflect recommended rates or a defined fire protection standard.**

The rates of a particular size of community may vary widely because departments face great variation in their specific circumstances and policies, including the length of the workweek, unusual structural conditions, types of services provided to the community, geographical dispersion of the community, and other factors.

Career rates are shown only for communities with populations of 25,000 or more, where departments are comprised of all-career or mostly-career firefighters. Also, some of these departments have some volunteers who are not reflected in these figures.

The low and high values are the lowest and highest values by size of community. The median value is chosen so that half the departments had higher values, and half had lower.

*Source: NFPA Survey of Fire Departments for US Fire Experience, 2020.*