



Community Risk  
Assessment &  
Standard of Cover

# **Abington Township Fire Department**

## **Community Risk Assessment and Standards of Cover**

Chief Michael Jones, Sr., Abington Fire Company

Chief Shawn Philipsen, McKinley Fire Company

Chief Keith Maslin, Weldon Fire Company

Chief Frank Schuck, Edge Hill Fire Company

Chief Matthew Orzechowski, Roslyn Fire Company

Christopher Platz, Fire Marshal

Thomas McAneney, Director, Fire & Emergency Management

Larry Siefken, Fire Training Coordinator

John Bothwell, Computer Network Coordinator

Lisa Scholly, Fire Department Secretary

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# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Executive Summary

In order to provide the citizens of Abington Township with a defined scope of service that is expected from their fire services provider, a true and honest response standard must be understood and maintained. A cooperative understanding between elected officials, the community and the fire service must be fostered to first develop and then maintain this standard.

For more than a century the five all-volunteer fire companies of the Abington Township Fire Department (ATFD) have faithfully served the community. Often times these functions are maintained without the help of a mutual understanding of the expected levels of service. With this information our community can make decisions based on the services provided rather than on emotion.

It remains the ongoing responsibility of the ATFD to work with community decision makers to establish an appropriate level of service the community can accept. This practice of continuously evaluating the ongoing risk provides for the maintenance of the agreed upon Community Risk Analysis and Standards of Cover. The elements considered in the overall assessment of services must include an agreed upon standard of measurement so that the community can make objective decisions as to the acceptable level of service as well as determine when additional measures may be needed in order to supplement the existing service. The measurement standards help to identify the probability and consequences of the community's own risks.

From this basic risk assessment, a Standards of Response Coverage can be developed that brings together those aspects of the fire services, which in turn delivers the services to the community. This document will follow this basic plan. It will serve to identify those areas of Abington Township, which by their risk levels, demand a particular level of service.

Variables for providing the appropriate level of service include the proper amount of adequately trained and equipped personnel and the location of emergency response units. In the case of a fire emergency, this deployment of resources will be measured in the time it takes to establish an Effective Response Force (ERF). Creating this overall level of service consists of the decisions made regarding the Distribution and Concentration of resources in relation to the potential demand placed upon them by the level of risk in the community.

It is with these factors in mind that the department maintains a comprehensive risk assessment program for the community. The department is confident that the five fire companies deliver the levels of service determined through this process. To maintain these levels, it will require a complete understanding between the community's elected officials, township manager, department supervisors and the firefighters themselves that the residents have said through this process that this is the service they expect and demand. The Abington Township Fire Department (A.T.F.D.), is a multi-faceted fire and rescue emergency response agency which provides for the aforementioned safety needs of its citizenry. The service is customer based and continuously evaluated and redefined as the needs of the community may change.

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The Standards of Cover for the Abington Township Fire Department (A.T.F.D.) is identified in the following document. The Commission on Fire Accreditation International (CFAI) describes the Standards of Cover as policies which are internally developed and based on agency's systematic performance, specifically related to Distribution and Concentration of resources. The department's response plan is based upon comprehensive risk scoring which includes an extensive risk assessment of occupancies in combination with incident frequency, occupancy density, fire density and response travel times.

As part of this process, each planning area was evaluated using data reported by the department to the National Fire Incident Reporting System (NFIRS), to establish a history of incidents in each area as well as specific locations. The Fire Department has attempted to maximize the planning areas with assignment of available resources.

Available resources have been allocated based in an attempt to equally distribute coverage throughout the jurisdiction, as well as by providing redundancy of coverage to high frequency incident areas. Travel distance catchment maps were developed based on National Fire Protection Association (NFPA) 1720 industry standard travel time benchmarks to identify areas of non-compliance. Individual stations response district maps were analyzed to more thoroughly evaluate compliance including automatic and mutual aid companies.

Based on capabilities, critical tasking and historical performance the department has developed response performance objectives as part of this Standards of Cover. These time-sensitive objectives were designed to provide realistic expectations for each type of service provided by the department. Baseline response times have been established and analyzed over the past five years. From this data, benchmarks have been established with the ultimate goal of bringing all responses into alignment with NFPA 1720.

The Abington Township Fire Department continuously monitored service level baselines over a period of five years. A Compliance Team, made up of the Director of Fire & Emergency Management Services, members of the Administrative Support Team and Fire Marshal's Office, reviewed service level baselines on an annual basis. Included in the review was a summary of the results of the service level objectives, a comparison of current results to previous results and calculations of the difference in results between time periods.

The ultimate goal of the Standards of Cover is to develop credible and attainable recommendations for improvement. The recommendations included have been designed to address various areas of compliance in a fiscally responsible way in an effort to better protect the lives and property of its customers, the citizens of Abington Township.

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### A. Description of Community Served

Abington Township is a 1<sup>st</sup> Class Township of about 58,502 residents located in southeastern Montgomery County, Pennsylvania. Abington Township is approximately 13 miles from center city Philadelphia. Cheltenham Township is Abington's southern neighbor. Abington's eastern border is Rockledge Borough and the City of Philadelphia. To the north are Upper and Lower Moreland Townships and Abington's west border is with Upper Dublin Township. Abington Township also surrounds the Borough of Jenkintown in the central area.

Abington Township is the twelfth largest community/government in the Commonwealth of Pennsylvania. Abington Township is comprised of a number of communities/neighborhoods: Abington, Ardsley, Baederwood, Crestmont, Edge Hill, Elkins Park, Jenkintown, Glenside, Meadowbrook, McKinley, North Hills, Roslyn, Rydal, and Willow Grove.

Abington Township can trace its roots back to colonial times prior to the American Revolution. William Penn founded Pennsylvania after being granted a large piece of land in North America by King Charles II, which included modern day Pennsylvania and Delaware. When Penn arrived in the early 1680's, the region was populated with only a few hardy settlers along the Delaware River. With Penn's arrival, the process of granting land and settling the area began in earnest, an activity primarily fueled by English and Welsh settlers. By 1684, the lower portion of Abington Township was in private hands and by the end of the decade, all of the land in Abington Township had been granted. In 1687, the earliest form of municipal government began when the Abington Monthly Meeting was organized.

Old York Road was the first of three major north – south arteries in the township (the other two being Easton Road and Huntingdon Pike). Old York Road was a toll road in 1804, Huntingdon Pike in 1846, and Easton Road in 1852. <sup>1</sup>

While improved roads allowed for greater stagecoach traffic, it was the coming of the train that opened vast acres of farmland for residential development. Long before it was commonplace for everyone to live in the suburbs and take vacations, most non-farming people lived in the city.

Philadelphia was the largest city in the country until 1820 and only the very wealthiest of its citizenry were able to escape to the country. With the advent of the train, people were able to travel to the city during the day and sleep at home in the country at night. The first train through the area came in 1855, connecting Philadelphia and Gwynedd through Jenkintown and Glenside. In 1876, the Bound Brook Line (now SEPTA's West Trenton Line) became a branch line from Jenkintown. In 1704, Abington Township was officially incorporated; it had little government other than for collecting taxes. Jenkintown in 1874 and Rockledge in 1893 petitioned the State Legislature for separate status and each became independent Borough separating from Abington Township. In 1895, the electric trolley came to Willow Grove traveling through Abington and Cheltenham Townships. At this time the Willow Grove Park Amusement Park was born, now the site of the Willow Grove Park Mall.

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<sup>1</sup> Information provided by the Old York Road Historical Society

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The 18<sup>th</sup> Century transformed a forested wilderness into an agrarian landscape and the 19<sup>th</sup> century transformed the land with the infrastructure of a diverse society, the 20<sup>th</sup> century completed the transformation to suburbia. The greatest change, however, occurred after World War II. The desire for, and the fundamental feasibility of, suburban living erased the agrarian vestiges of earlier times. Farm after farm was developed in the 1950's and the distances and the distinctions that separated one village from the next all but disappeared.

Abington Township received its 1<sup>st</sup> Class Township Status from the Pennsylvania State Legislature in 1906. Abington Township is a Commissioner – Ward form of government comprised of 15 elected commissioners who appoint a township manager who manages the day to day operations of the township.

### **Legal Basis**

The volunteer fire service in Abington Township predates the township achieving 1<sup>st</sup> Class Township Status from the Commonwealth of Pennsylvania. In 1889, the Abington Fire Company was chartered, followed by Weldon Fire Company in 1904, McKinley Fire Company in 1906, Edge Hill Fire Company in 1908 and Roslyn Fire Company in 1922. By way of Township Ordinance #62, the Abington Township Fire Department was legally organized on April 23, 1912. In 1953, the current day, five volunteer fire companies were formed into the Abington Township Fire Department (A.T.F.D.) by way of Township Ordinance #726. Each company, however, is separately chartered, having its own set of by-laws and operates administratively independent of one another. By virtue of their by-laws, they elect their officers consisting of president, vice president, secretary, treasurer, chief, deputy chief, assistant chief, captain and lieutenants. The fire companies establish the criteria for these positions.

The A.T.F.D. falls under the supervision of the Abington Township Fire Board. The Fire Board is chaired by one of the elected Township Commissioners and meets on a quarterly basis with the five (5) fire chiefs, the Fire Marshal and the Director of Fire & Emergency Management Services. These meetings are scheduled a year in advance and appear on the township issued calendar and the public is welcome to attend. Typically, any proposed legislation related to the fire department, fire safety, etc., is first presented at a Fire Board meeting. If agreed upon, the proposed legislation is then forwarded to the Abington Township Board of Commissioners for final review and approval through the normal township legislative process.

### **History of the Agency**

As stated above, Abington Township has had organized fire protection dating back to 1889. The Fire Services within the township pre-dates the Abington Township Police Department and pre-dates Abington Township achieving status as a 1<sup>st</sup> Class Township. Early fire protection consisted of horse drawn carts, followed by gasoline powered pumpers and chemical units. As each of the Fire Companies was formed, they were located within the center of the small communities that they served. The earliest method of alerting members was a small sledgehammer applied to a steam locomotive tire, one of which can still be seen outside of the Edge Hill Fire Company. In the 1930s, fire house sirens were installed to alert

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members of a call for service. The sirens were activated via phone lines from the Abington Police Station. A large number of Abington Township Firefighters left to serve during World War II, and during this period, many female members of the community stepped in to fill the void left by those who were serving in the armed forces. When these members returned, they brought back with them an appreciation of the training and organizational skills they witnessed while serving their country.

In 1953, the ATFD was re-organized into the five-company structure that exists to this day, when the Abington Board of Commissioners passed Township Ordinance #726. Additionally, the ATFD was granted land near the Abington Township Public Works Yard and constructed a five story Fire Training Facility, one of the first fire training facilities in Montgomery County. This five-story structure is still standing and is used as a drill tower for training our firefighters to this day.

### **Service Milestones**

During the early years of the Fire Department, the companies operated with two engines capable of pumping 500 gallons per minute (GPM) utilizing 2 1/2" supply lines to the hydrant system throughout the township. As each of the communities began to explode in growth after World War II, the need for larger schools, churches and shopping facilities also grew. In the fifties, two of the township companies added aerial devices to the fleet of apparatus. Both aerials were straight tip ladders of 75 feet. The benefit of these purchases was realized in December of 1952, when a major fire destroyed much of the historic Keswick Theatre. Both aerials were in service throughout the day and evening flowing ladder pipes and providing egress to and from the roof areas of the complex. Also added through the 1950s were larger engines with 750 GPM pumps which led to the use of 3" supply lines. The 1960s continued to progress with advances in apparatus and equipment. By 1970, the Fire Department operated three, 100-foot aerial devices as well as ten - 1,250 GPM engines, an air truck and one heavy rescue unit. A large indoor shopping mall was added in Station 500's first due response area in the early 1980's. This necessitated the purchase of an aerial tower capable of truck operations for that first due station. As technology changed, the number of hazardous materials related emergencies saw a rise through the 1980s. As a result, the ATFD began training its members in hazardous materials response, forming the first Hazmat Team in Montgomery County and what is the roots of the current, county wide Montgomery County Hazardous Materials Response Team. Members of the original Hazmat Team were trained and equipped for technician level response to the release of hazardous materials. Today, all ATFD firefighters are trained to the Operations Level for hazardous materials response, with many ATFD members also serving as technicians and officers on the Montgomery County Team.

Abington Memorial Hospital, which is the township's largest employer, continued expansion and in 1995, constructed a pedestrian tunnel under the four lane Old York Road. This required the Fire Department to provide for the response to a possible collapse with entrapment. Prior to construction of the tunnel, the Fire Department trained its personnel in confined space and collapse rescue, purchasing technical rescue equipment and protective equipment. Currently, the equipment for collapse and confined space rescue are housed and transported in a 24-foot enclosed trailer that is stored at the ATFD Storage Building located

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at the Abington Township Public Safety Training Center. In 1996 and again in 2001, severe thunderstorms dumped more than 10 inches of rain on the township over a short period of time flooding many communities over a large area. This event stretched the resources of the Department and identified the need for water rescue equipment, training and procedures. As a result, water rescue equipment and training was implemented over the next three years.

In 2003 the leadership of the A.T.F.D. realized the need to modernize and improve the fire service being provided to the citizens of Abington Township. As a result, the department took several steps to improve services, which were eventually the seed for eventually seeking accreditation from CFAI:

- Department-wide Operational Guidelines (O.G.'s) were established.
- A common Township approved fire department membership application was created.
- Additional funding for local training at the Abington Public Safety Training Annex, including running an annual Pro-Board Firefighter I program for new ATFD firefighters.
- Establishment of a Recruitment & Retention Program.
- Establishment of a Department wide Records Management System.

From the 1950s until 2005, the Abington Township Fire Department was rated a Class 5 by ISO. In 2005, after an ISO inspection, the A.T.F.D.'s rating improved to a Class 4. Effective January 1, 2017, after another inspection, the A.T.F.D.'s rating again improved, to a Class 3, where it remains as of 2023.

### **Financial Basis**

The 1936 Annual Report of the Abington Township Board of Commissioners lists a total of \$13,000 as a contribution to volunteer fire companies. The Abington Township Board of Commissioners, authorized by the Code of Abington Township annually appropriated funds to be equally divided among the five volunteer fire companies. This practice was followed until 1967, at which time the Board of Commissioners, authorized by First Class Township Code of the Commonwealth of Pennsylvania, began assigning a dedicated fire tax millage solely for the purpose of providing fire service. Article XVII of the First-Class Township Code defines under Tax Levies the specific items that the fire tax monies may be distributed for. Tax revenues continue to be divided equally among the five fire companies. The funds must be utilized for the purpose of building and maintaining appropriate places for housing fire apparatus, as well as purchasing, maintaining and operating fire apparatus.

Under the First-Class Township Code, the millage may not exceed three mills. If the rate is to be set at a higher level than three mills, the question is submitted to the voters on the election ballot. This was the case in 1997 when voters overwhelmingly approved an additional two mills for fire purposes. A county-wide reassessment took place in 1998 thereby negating any need to exceed the three-mill threshold.

Up until 2005, fire related activities, hydrant rentals, and the cost of the Fire Marshal's Office, were still being funded from the general fund. After 2005, the fire tax was increased and now, all costs related to fire protection are now funded from the fire tax.

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As an all-volunteer fire department, all monies received go directly to the department's operating funds, instead of salaries and benefits which are the largest parts of most municipal budgets. Any change to the appropriations paid to the Fire Department must be approved by the Township Board of Commissioners or go before the voters in referendum.

Aqua of PA supplies water to Abington Township. Each year, Aqua PA bills the Township for a Hydrant Rental Fee based on the number of public hydrants within the Township. Abington Township currently pays Aqua of PA rental on 769 fire hydrants.

The current system of funding through the fire tax has been consistent with the operation of the volunteer fire department. Finances have been available to meet the needs of the community and will continue to be assessed and modified as changes in the property values of the community may occur.

### **Area Description**

#### **Topography**

Abington Township consists primarily of tree lined residential streets that are comprised predominately of single family and twin dwellings. There are several commercial areas including one large shopping mall and two large hospitals. Abington Township Parks and Recreation maintain more than twenty (20) parks, two community pools and 400 acres of open space. The township is situated on a number of rolling hills with slopes averaging around 35%. There is one large industrial facility in Abington Township and several smaller light industrial areas.

#### **Climate**

Abington Township has a humid subtropical climate with hot summers and cool winters. The area experiences significant rainfall throughout the year, particularly during the summer months. Abington Township is located just north of Philadelphia, which is located at the confluence of the Delaware and Schuylkill rivers on the eastern border of Pennsylvania. The Appalachian Mountains to the west and the Atlantic Ocean to the east moderate the climate, eliminating extremes of hot and cold weather. Occasionally during the summer months, the township becomes engulfed in ocean air that brings high humidity. Average Temperatures: January, 37.0°F/21°F; July, 86°F/67°F; annual average, 53.6° F. Average Annual Precipitation: 48 inches of rain and 18 inches of snow.

Abington Township has been feeling the effects of Climate Change over the 25 years with weather patterns becoming more extreme and storms becoming more violent in recent years. Beginning in the late 1990's Abington Township experienced several extreme rain events with some bringing upwards of ten inches over a 24-hour period leading to localized flooding. Although the township sits approximately 60 miles inland from the Atlantic Ocean, it is still frequently affected by tropical weather systems in the Summer and Fall. Several notable hurricanes that have affected the Township were Hurricanes Lee and Irene in 2011, Hurricane Sandy in 2012 and Hurricane Ida in 2021, which also spawned several tornadoes causing extreme damage to several neighboring municipalities. The township also frequently experiences severe winter storms capable of bringing blizzard conditions, heavy



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snowfall up to 36+ inches, high winds and ice accumulation which cause widespread power outages. During the 2014 ice storm, 96% of the homes in the township lost power, some for up to almost 2 weeks.

The most recent update to the Montgomery County Hazard Mitigation Plan, which Abington Township participated in drafting, noted that Climate Change will continue to have an impact on our area for years to come, projecting that:

1. Temperatures will continue to rise. Projections of future temperature and humidity in Montgomery County suggest that recent trends towards temperature increases will continue. In the future, higher cooling costs and higher heat related illnesses are expected.
2. More extreme and extended heat waves. Periods of abnormally hot weather lasting days to weeks are projected to appear more frequently. This trend suggests magnified usage of cooling equipment and as a result energy expenditures. In contrast, in the future, milder winters are expected leading to reduced heating requirements in Montgomery County.
3. Changes in precipitation patterns. Average Montgomery County precipitation is projected to increase by five (5) to seven (7) inches annually by the end of century. These increases in precipitation will vary seasonally. The largest increases in precipitation are projected over the winter months (approximately 50% intensification). On days below freezing, record snowstorms are predicted.
4. Storm events will increase in frequency and duration. The intensity, frequency and duration of rainfall events are expected to become extreme. In the next several decades, increases in flooding and associated loss of life and property, erosion and pollution of water bodies, and infrastructure strain is projected.

### **Population**

According to the 2020, U.S. Census, the population of Abington Township is 58,226, with a population density of 3,603 persons per square mile. Over 95 percent of the township population has completed their high school education with over 50 percent achieving a bachelor's degree or higher. The population is a mix of blue collar and white-collar workers with 78.4 percent living in owner-occupied residences, with a median value of \$305,300. Demographically, the population is split 53 to 47 percent female to male, respectively. Economically, the township's performance is above the national average with a median income of \$98,204 per household, however, 6.7% of the township population are at or below the poverty level.

### **Disaster Potentials**

Abington Township lies in the southeastern portion of Pennsylvania at an elevation of 295 feet above sea level. Average rainfall is approximately 45 inches with an average of 20 inches of snow per year. Abington experiences on average 109 days of precipitation. The months of May and September are the wettest. September has been known for heavy thunderstorms with flash flooding and high winds due to the remnants of hurricanes and tropical storms moving up the east coast. In September of 1996, one such storm dropped ten inches of rain on the township in less than four hours. Tragically this storm and ensuing floods resulted in

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the death of two residents. A similar storm affected the township in June 2001 when the remnants of Tropical Storm Alison impacted the township, again dropping almost 10 inches of rain in less than 24 hours. As a result of these two storms, the township significantly upgraded its stormwater infrastructure such that the majority of flooding incidents in the township over the last decade have been due to clogged storm inlets and drains.

January and February have historically experienced the heaviest snowfalls with recent blizzards dropping upwards of two feet of snow on the region. The average single snow event drops around 3-6 inches of snow. Although the average temperatures range from lows of 24 degrees in January to highs of 87 degrees through July, Abington Township has experienced periods of summertime temperatures above 100 degrees and winter temperatures dropping below 10 degrees.

The Montgomery County Hazardous Mitigation Plan is in the process of being updated for the 2023-2028 timeframe and has identified 27 separate hazards that could affect the county (including Abington Township) over the next five years. Of those 27, nine are related to extreme weather conditions, which are, by far, the most prevalent source of large-scale emergencies in this region. Below is a sampling taken from the Hazard Mitigation Plan that were classified as moderate to high perceived threats:

- **Extreme Weather**

- **Floods**: During the spring and fall seasons, local creeks may swell and isolated roadways and neighborhoods flood. Summer thunderstorms have produced up to 10 inches of rain with large areas of the township flooded with up to four feet of water. Since 1996, four 100-year floods have occurred in the township. These flood prone areas have been identified and mapped for pre-planning purposes.
- **Winter Storms**: With average annual snowfalls listed around 20 inches, the township has frequently received snowfalls in excess of 30 inches with blizzard conditions. While snow events can cause response delays in calls for service, they are typically of relatively short duration because the township public works crews are typically able to plow all roads clear within 24 hours of the snow stopping. More concerning are the occasional ice storms that affect the township, which cause widespread power outages due to ice accumulation on powerline and tree limbs. One ice storm in 2014 caused 96% of the homes in the township to lose power, some for up to 2 weeks while power crews worked around the clock to restore power.
- **Tropical Storms, Tornadoes and Windstorms**: Although the township is land locked and over 60 miles from the Atlantic coastline, it does encounter the effects of hurricanes and tropical storms moving up the eastern seaboard. Numerous tropical storms have dumped up to 10 inches of rain with high winds on the area. In 2011 Tropical storms Lee and Hurricane Irene brought high winds toppling trees and rain waters causing sporadic flooding and widespread power outages. In 2012 Hurricane Sandy brought devastating

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winds to the area. In 2021, Hurricane Ida brought heavy, flooding rain and high winds.

Abington Township frequently experiences fast moving, violent storms, typically in the Summer and early Fall bringing heavy flooding rains and high winds capable of causing widespread power outages. Additionally, over the past several years, the township has had several close calls with tornadoes touching down in neighboring municipalities, most notably in 2021 during Hurricane Ida when a tornado caused extreme damage in neighboring Upper Dublin Township.

- **Fires**

- **Structure fires:** As a densely populated suburban community with a history dating back to colonial times, the greatest risk of fire remains the single-family dwelling.
- **Wildfire:** Although the township is listed as a medium risk for wildland fire, this has not occurred in the township. The ATFD responds to the occasional woods fire, but they rarely require more than a single engine response.
- **Electric Vehicle/Lithium-Ion Battery Fires:** As of this writing, the ATFD has not experienced a vehicle fire involving an electric vehicle with a runaway battery, but we know it is merely a matter of time and have been training our members in the response to these types of incidents. The ATFD has experienced several house fires where the cause of origin was determined to be faulty lithium-ion batteries in portable devices such as electric scooters and hover boards.

- **Hazardous Material Incidents**

- Although there are SARA sites within the township, hazardous materials incidents have been restricted to heating oil or gasoline spills from tanks or motor vehicles. Occasionally, the Fire Department may be called out for a broken thermometer leaking mercury.

- **Nuclear Incident**

- The township is located within 25 miles of the Limerick Nuclear Generation Plant and is in the Montgomery County Emergency Action Plan for any significant incident at the plant.

- **Terrorism**

- Although there are no identified threats to specific targets in the township, one large indoor shopping mall and two area hospitals are within the boundaries of the township. Abington is also within 25 miles of center city Philadelphia and part of the Southeastern PA Terrorism Task Force should something occur within the city.

- **Pandemic**

- As we have learned from the recent Covid-19 global pandemic, the fire department must be ready to respond with reduced staffing and add mutual

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aid, when possible, as well as to adapt to new PPE requirements when responding in order to mitigate spread among the members.

- **Cyber Attack**

- Any computer systems that are connected to the internet are vulnerable to a possible cyber-attack, ranging from disrupting records management systems, to disrupting communications and dispatch systems. In the event of a failure of the county radio system, Abington Township maintains a secondary radio system that is not connected to the internet and can be utilized by our police and fire departments to maintain communications.

- **Large Scale Transportation Accident**

- While the department responds to dozens of small-scale vehicle accidents every year, there is the potential for a larger scale transportation accident involving hazardous materials, large fuel spills or even aircraft crashes. There are two helipads in the township, one at each hospital. Abington Jefferson is the only trauma center in Montgomery County and therefore their helipad, located atop one of their buildings is extremely busy, with 2-3+ landings per day, above the busiest roadway in the township.

### **Area Development**

All of Abington Township's growth has been internal. The geographical service area has remained the same for 100 years. New commercial properties throughout the township are required under the fire prevention code to be of non-combustible construction with sprinkler and fire alarm systems installed. There is one large manufacturing facility in the township, but the majority of commercial properties are retail and service oriented. Single family and twin residences vary in type and size throughout the township. Dwellings range from single story ranch styles homes with no basements to 4,000 sq. ft. homes with full basements and three stories. Earlier homes built prior to 1950 consist mainly of balloon style construction, while later models are primarily ordinary construction with fire blocked wood framing. Today's homes are incorporating more and more engineered lumber and veneers, presenting additional hazards to the fire fighter. There are only a handful of single-family residences that have automatic sprinkler systems. In 2011, the Commonwealth of Pennsylvania elected not to include the sprinkler requirement in its residential building codes.

### **Demographic Features**

As of 2020 the U.S. Census Bureau estimated there were 58,226 people, 21,122 occupied households, with an average of 2.6 persons per household. The population density was 3,769 people per square mile. The racial makeup of the township was 72.5% White, 14.3% Black, 5.7% Hispanic, 4.9% Asian, and 6.2% being two (2) or more races. Of the 21,122 households, 20.3% had children under the age of 18 living with them, and 22.5% had someone 65 years of age or older.

The median income for a household in the township is \$107,055, though 5.6% of the township population is eligible for food stamps/SNAP The per capita income for the

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

township \$52,321. Approximately 2,120 or 10% of households in the township are at or below the poverty line.

Housing Units: 21,952 Dwelling Units

Median Housing Value: \$376,938 Single Family

Median Income: \$107,055 per Household

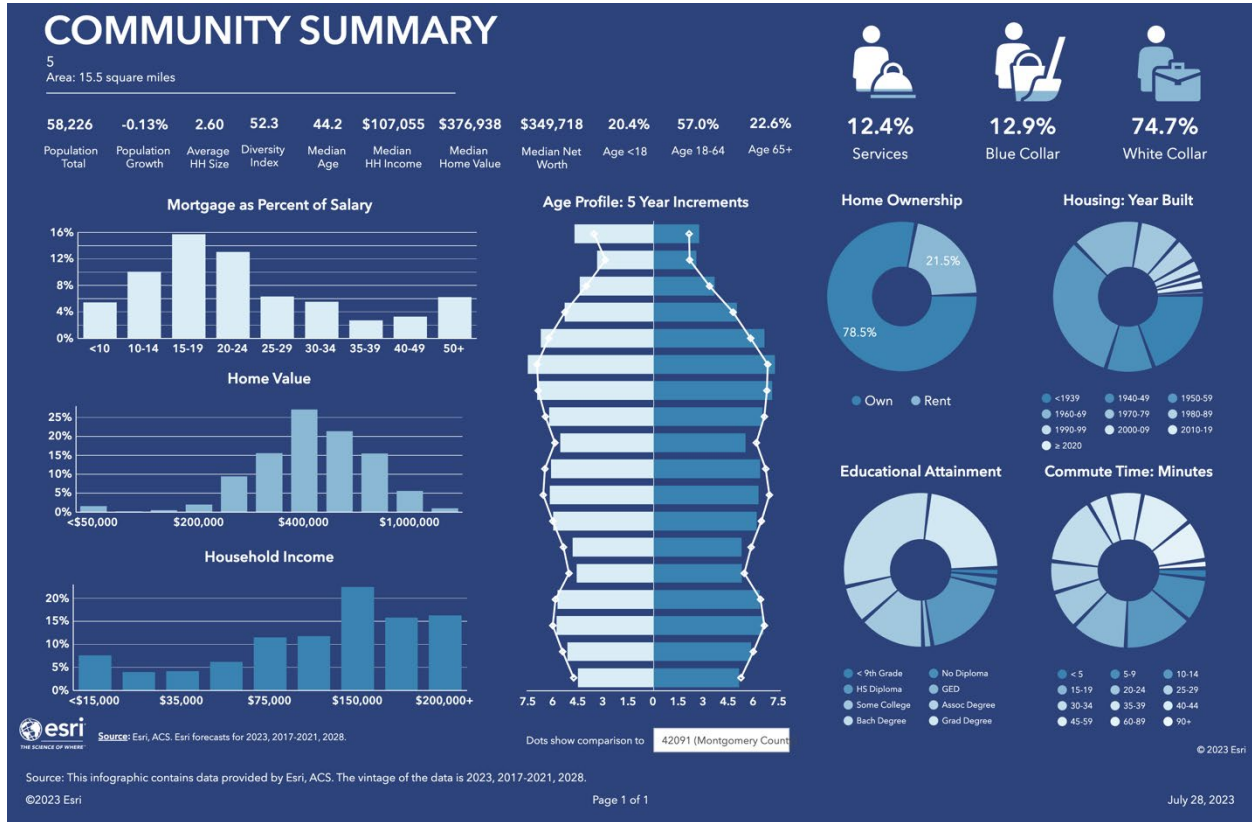


Figure 1. Abington Township Demographic Profile

# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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### **B. Services Provided**

The A.T.F.D. is comprised of five all-volunteer fire companies consisting of approximately 230 volunteers of which 189 are active, certified fire fighters, and several career administrative and Fire Marshal staff. The administrative staff consists of the Director of Fire & Emergency Management Services, who reports directly to the Abington Township Manager, an office manager, a part-time training coordinator and a part-time data/IT specialist. The fire marshal's office consists of three full-time uniformed staff, including the Fire Marshal, Assistant Fire Marshal and a Fire Inspector. Additionally, the department employs several part-time fire prevention technicians who assist with community fire prevention events.

The Director of Fire & Emergency Services serves as the Department Director at the township, handling all administrative and budgeting tasks for the department. Each individual fire company has its own operations staff, including a Chief, Deputy Chief, Assistant Chief, Captain and two (2) Lieutenants. Each company also has several Engineering Officers who maintain the apparatus in good working order.

The A.T.F.D. provides twenty-four-hour emergency service 365 days a year with an all-volunteer fire fighting force. The most common service provided is fire and rescue services; however, routinely the A.T.F.D. provides additional service including EMS assist, environmental conservation, hazardous materials (Haz-Mat), emergency management, assist police, traffic control (fire police), public education fire prevention, fire inspections, code enforcement and risk reduction activities. Fire services are provided to specific jurisdictional areas from five (5) fire stations. Additionally, the A.T.F.D. enjoys an outstanding relationship with all the surrounding communities and fire service providers. We have written mutual and automatic aid agreements with all surrounding communities except the City of Philadelphia. The Abington Township Fire Department provides and receives automatic mutual aid via the Montgomery County Emergency Dispatch Center.

### **Service Delivery Programs**

#### **Fire Suppression**

The ATFD protects the citizens of Abington Township and surrounding communities not only by responding to fires, motor vehicle collisions and other emergency events, but also through carrying out investigations and promoting fire prevention.

Although the department is comprised of volunteers, ATFD firefighters are trained to the Pro-Board Firefighter I standard at a minimum, with most members achieving additional certifications such as Firefighter II, Fire Officer Certifications and other specialized training. Most new firefighters in the ATFD attend the Firefighter I class at the Abington Township Public Safety Training Center which is conducted each Fall after which they have the opportunity earn their Pro-Board certification.

The Fire Department operates four 100-foot aerial devices with pumps and pre-piped waterways, and nine 1500 GPM or greater engines with 750-gallon water tanks. Each engine carries an array of 1 ¾" and 2 ½" hand-lines pre-connected for initial attack. A minimum of 1,000 foot of 5" supply hose is carried on each with an additional hose lay of 3" hose.

# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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Additionally, the department operates one tactical pumper capable of entering places that a traditional engine would not be able to access such as parking garages and long/narrow driveways.

### **Rescue**

The Fire Department provides all emergency rescue services for the Township and supports the surrounding communities with resources. Members are trained in Basic Vehicle, Water, High Angle, Trench, Confined Space, and other specialties up to and including technician level.

The Fire Department operates one heavy rescue apparatus out of Station 300, and a technical rescue trailer stationed at the Training Facility. The technical rescue trailer carries an array of lumber and Paratech equipment for shoring as well as a cache of tools and other specialized equipment needed for technical rescue operations. Additional technical rescue resources are available through the Montgomery County Urban Search and Rescue Team (USAR) located a short distance from Abington Township at the Montgomery County Special Operations substation in Upper Dublin Township.

Each front-line engine carries basic rescue equipment providing capabilities to begin/complete minor rescue techniques. Aerial apparatus provide equipment and platforms for high, low and specialized rescues.

### **Medical**

Emergency Medical Services are contracted by Abington Township with the Second Alarmers Rescue Squad of Willow Grove. The Second Alarmers Rescue Squad provides all EMS services within the Township. The Fire Department may be requested by the Second Alarmers for a medical assist from time to time. These incidents usually involve providing manpower for the lifting of heavy patients or to provide resources for non-rescue extrication of a patient from a limited access area. Such extrications have included lowering patients through windows where stairway access was compromised. Additionally, Second Alarmers respond to every structure fire and rescue dispatched in Abington Township with an ALS ambulance and typically an EMS supervisor.

### **Hazardous Materials**

Hazardous materials responses are through the Abington Township Fire Department with all members trained to the Operations Level. The Fire Department is further supported by the Montgomery County Hazardous Materials Response Team (MCHMRT) with units stationed in the Montgomery County Special Operations Substation located less than 2 miles from Abington Township.

Each first out apparatus carries basic personal protective equipment, as well as air monitoring devices and are capable of performing emergency decontamination. Hazardous Materials response kits are maintained at each of the stations provided up to level B protection when required.

# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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### **Specialized Services**

The Fire Marshal's Office has a full-time staff of personnel certified in Fire/Explosion and Vehicle Fire investigation. They are the primary Cause & Origin investigators within the township and provide assistance to surrounding communities upon request through mutual aid. Additional assistance in Cause & Origin investigations is provided by the Pennsylvania State Police upon request.

Full and part-time staff provide Fire Prevention and Public Education services throughout the year, as well as conducting building inspections.

### **Current Deployment**

#### **Points of Service Delivery**

The Fire Department has facilities that are adequate and properly distributed within the Fire Department's response area for providing emergency services to the population served. The Fire Department training facilities are centrally located within the township to provide easy access to all Fire Department personnel, saving on times out of service and allowing for efficient response from the facility.

The Township has been divided into five initial response areas hereafter referred to as Districts. Each District is identified by the Fire Station providing initial response to emergency incidents. The Districts are: 100, 200, 300, 400, and 500. Abington Fire Company, District 100 is bounded on the north by Lower and Upper Moreland Townships, the east by the west Trenton Branch of the SEPTA Railroad, The south by Jenkintown Borough and to the west by Highland Avenue, Edge Hill Road and the Warminster Branch of the SEPTA Railroad. McKinley Fire Company, District 200 is bounded on the north by Lower Moreland Township, the east by the City of Philadelphia and Rockledge Borough, the south by Cheltenham Township and the west by the West Trenton Branch of the SEPTA Railroad. Weldon Fire Company, District 300 is bounded on the north by Florey Lane, the east by Highland Avenue and Edge Hill Road, the south by Cheltenham Township and the west by the Warminster Branch of the SEPTA Railroad. Edge Hill Fire Company, District 400 is bounded on the north by Susquehanna Road, the east by the Warminster Branch of the SEPTA Railroad, the south by Cheltenham Township and the west by Upper Dublin Township. Roslyn Fire Company, District 500 is bounded on the north by Moreland Road, the east by the Warminster Branch of the SEPTA Railroad, the south by Susquehanna Road and the west by Upper Dublin Township.

#### **Resources**

The Abington Township Fire Department provides the community with fire, rescue and first responder hazardous materials response. Within Abington Township all EMS is provided by an outside or third-party contractor, the Second Alarmers Rescue Squad (SARS) of Willow Grove, PA. The A.T.F.D does, however, maintain a close working relationship with SARS. Several A.T.F.D. firefighters are members of Montgomery County's State Certified Hazardous Materials Response Team. The A.T.F.D. is also part of the Montgomery County Fire Task Force. The A.T.F.D. staff officers actively participate with Abington Township Emergency Management Planning Group.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Existing Fire Companies

#### **Station 100 Abington Fire Company,** **1920 Horace Avenue, Abington, PA 19001**

Established in 1889, Abington Fire Company is centrally located in the township. The Company serves an approximately four-square mile district of mixed residential and commercial structures. The first due area contains Abington Memorial Hospital, a level 2 trauma center as well as two large retail centers along Old York Road. The Abington Middle School and High Schools as well as two public and two private elementary schools are included in the first due. As of 2023, the company responds with 36 active firefighters with the following apparatus, providing fire and rescue services to the community:

- (1) – 2011 Pierce 1,500 GPM squad
- (1)– 2019 Pierce 107’ ladder, 1500 GPM pump.
- (1) – 2014 Pierce Mini Pumper 750 GPM pump
- (1) – Command Vehicle



Figure 2 Station 100 Abington Fire Company

#### **Station 200 McKinley Fire Company,** **893 Jenkintown Road, Elkins Park, PA, 19027**

McKinley Fire Company is located on the southeast corner of the Township. The local district extends from Cheltenham Township in the south to Lower Moreland Township in the north. It borders Jenkintown Borough on the west side and the City of Philadelphia to the east. The company protects many small single-family neighborhoods ranging in low to high density. There are two large, wooded parks as well as sprawling farms and wooded areas comprising approximately 30 percent of the district. They also protect several high-rise buildings including the 100 Old York Apartments, Plaza Apartments and The Pavilion commercial building. There are four elementary schools in the primary response area as well as professional offices, small shopping centers, a nursing home and hospital. The company lists 23 active firefighters responding to fire, rescue and service calls with the following apparatus:



Figure 3 Station 200 McKinley Fire Company

- (1) – 2006 Seagrave 1,500 GPM engine
- (1) – 2017 Seagrave 1,500 GPM squad
- (1) – 2022 Seagrave 100’ Quint
- (1) – 2017 F-350 Utility vehicle

# ABINGTON TOWNSHIP FIRE DEPARTMENT

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### **Station 300 Weldon Fire Company,** **412 N. Easton Road, Glenside, PA 19038**

Weldon Fire Company is located on Easton Road, a major north-south thoroughfare in the south-central portion of Abington Township. The first due area is approximately two square miles of densely populated single-family homes with one major large commercial/manufacturing business. There are two elementary schools, numerous churches and the historic Keswick Theater with retail districts in the first due. The company provides heavy rescue services throughout the township and surrounding municipalities. The company was established in 1904 and as of 2023 boasts a roster of 37 members active firefighters. Weldon also houses and responds with the Abington Township Air Support Unit. Apparatus maintained and operated by the Company include:

- (2)- 2021 Pierce 2000 GPM engines
- (1) - 2016 Rescue1 heavy rescue
- (1) - 1993 GMC-Saulsbury air/light unit

### **Station 400 Edge Hill Fire Company,** **2843 Limekiln Pike, Glenside, PA 19038**

The Edge Hill Fire Company is located on the south-west corner of Abington Township and serves a first due area of approximately two square miles. The community is primarily medium to high-density single-family homes with two garden style apartment buildings, light retail, two churches, a nursing home and one school. As a truck company, Edge Hill operates as a first due with all surrounding communities on automatic aid. Established in 1908, the Company had a roster of 30 active firefighters in 2023. Response apparatus maintained and operated by Station 400 include:

- (1) - 2006 Pierce 1,500 GPM engine
- (1) - 1995 Pierce 1,500 GPM pipeline
- (1) - 2022 Pierce 107' ladder, 1500 GPM pump



Figure 4 Station 300 Weldon Fire Company



Figure 5 Station 400 Edge Hill Fire Company

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Station 500 Roslyn Fire Company,** **1128 Bradfield Road, Roslyn, PA 19001**

The Roslyn Fire Company is located in the north-west section of the township. The station is in close proximity to Easton Road, a major north-south thoroughfare for this section of the Township. The company covers an approximately four-square mile district of primarily single-family dwellings with moderate density. There are numerous churches, three schools, a nursing home strip shopping centers and a large indoor



**Figure 6 Station 500 Roslyn Fire Company**

shopping mall located in their first due response area. Roslyn provides primary fire, rescue and service responses for this community as well as automatic and mutual aid to surrounding districts and municipalities with 63 active firefighters on roster as of 2023. The company responds with the following apparatus:

- (1) – 2005 Pierce 1,500 GPM engine
- (1) – 2015 Pierce 1,750 GPM squad
- (1) – 2001 Pierce 95' @ 1,750 GPM tower ladder
- (1) – 1997 Ford Utility vehicle
- (1) – 2018 Special Operations Command Vehicle

### **A.T.F.D. Headquarters** **1176 Old York Road, Abington, PA 19001**

The administrative offices of the Fire Department are located in the Abington Township Municipal Building. The Fire Marshal performs all scheduling, tracking and documenting of fire prevention inspections. Documents and files are maintained on all commercial structures within the township. The office also maintains all files associated with fire investigation. The Office of Fire & Emergency Management office is staffed by the Director of Fire & Emergency Management Services, the full-time Fire Marshal, a full-time Assistant Fire Marshal, a full-time Fire Inspector and Secretary. The office is also assisted by a part-time fire inspector and two part-time administrative support staff. Documentation and filing is maintained on all Department policies and procedures. Fire safety and prevention training is also conducted by office personnel for the general public and commercial partners. The staff operates with the following pieces of equipment:



**Figure 7 A.T.F.D. Headquarters**

The staff operates with the following pieces of equipment:

- (1) – 2022 F-150 Fire Marshal vehicle
- (1)– 2009 Ford F250–Special Service (Inspection/Prevention)
- (1) – 2023 Ford Interceptor (Assistant Fire Marshal)
- (1) – 2016 Ford Interceptor (Director/Emergency Management)



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

- (1) – 2015 Ford Interceptor (Fire Inspector)
- (1) – 20ft Collapse/Technical Rescue Trailer
- (1) – 24ft Enclosed Fire Prevention/Support Trailer

### Response Areas

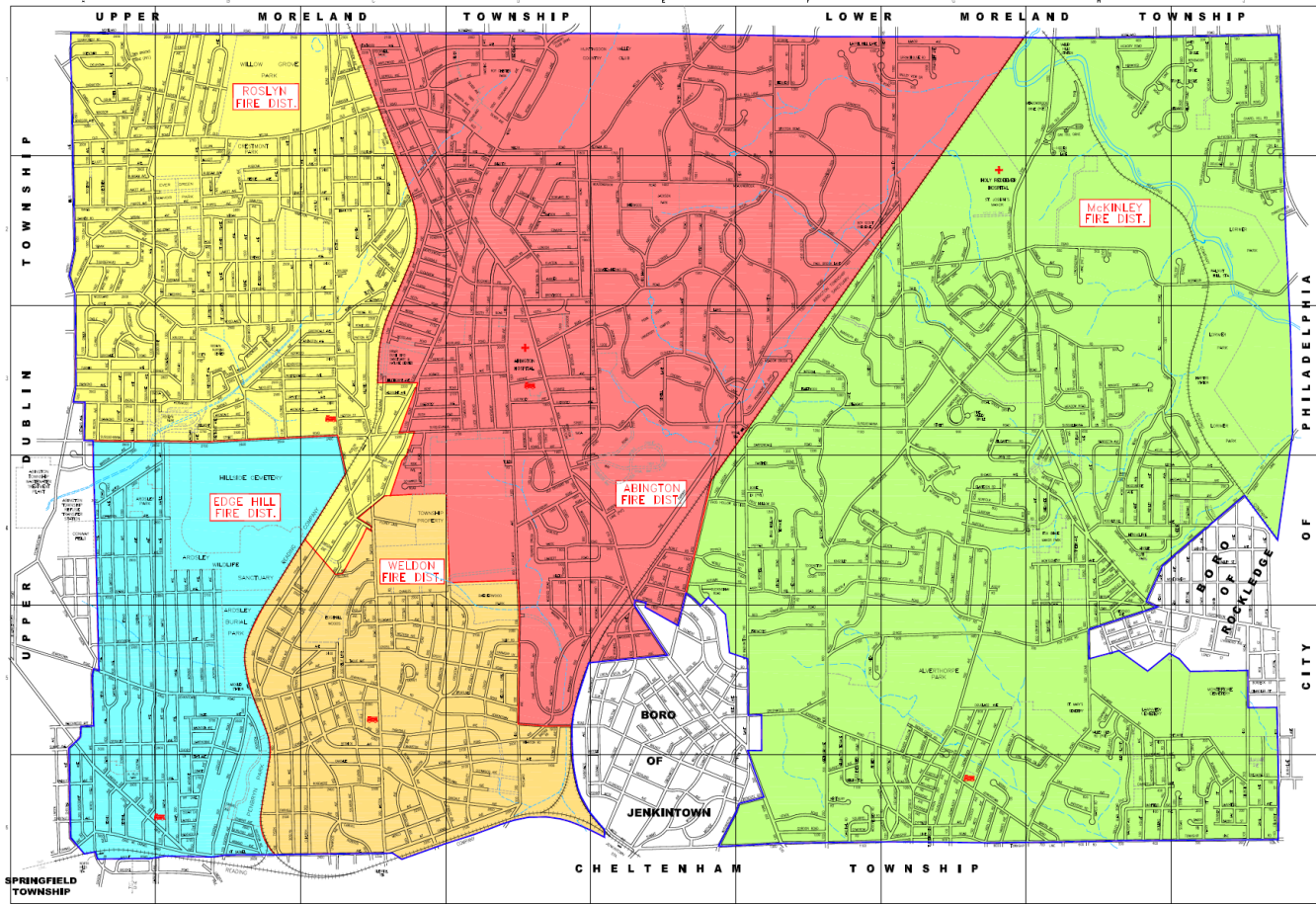


Figure 8 Response Areas

### Community Response History

A review of the historical data for the five-year period ending December 31, 2022 indicates the Fire Department responded to a total of 8,534 incidents in the township. Nearly 50 percent of those incidents are comprised of false/alarm calls. Fire suppression accounted for 865 calls during this same period. Abington Fire Company (District 100) accounted for 21.37% of all calls with 55.37% of incidents in the Still District being false/alarm calls. McKinley Fire Company (District 200) accounted for 25.17% of all incidents with 124 fire suppression calls and 1,078 false/alarm incidents. Fire suppression accounted for 21.57% of the 932 total incidents in the Weldon Fire Company (District 300) response area. The Edge Hill Fire Company experienced a call volume of 450 incidents over the same five-year period. Fire suppression accounted for 12.89% of all calls within this District. Roslyn Fire Company

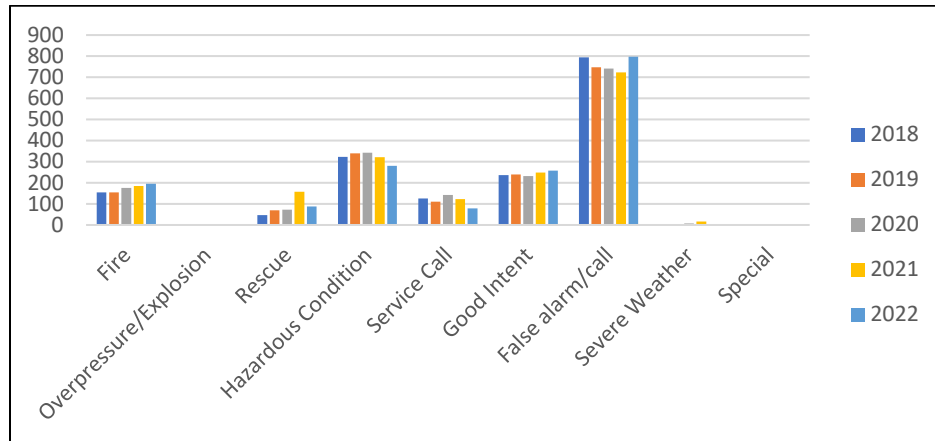
# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

(District 500) accounted for 22.05% of the Department’s responses with 1,001 or 53.19% being false/alarm calls. Incident Data Charts are available in Section I. A.

**Table 1 Township-Wide Incident Experience**

TOWNSHIP WIDE INCIDENT EXPERIENCE						
TYPE INCIDENT	2018	2019	2020	2021	2022	TOTAL
Fire	154	155	176	184	196	865
Overpressure/Explosion	2	0	0	1	4	7
Rescue	46	70	72	157	87	432
Hazardous Condition	322	339	342	321	281	1605
Service Call	125	111	143	122	79	580
Good Intent	237	240	231	249	257	1214
False alarm/call	794	747	741	723	798	3803
Severe Weather	3	1	7	16	1	28
Special	0	0	0	0	0	0
<b>Total Incidents</b>	<b>1683</b>	<b>1663</b>	<b>1712</b>	<b>1773</b>	<b>1703</b>	<b>8534</b>



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### C. Community Expectations and Performance Goals

#### Community Expectations

##### **Service Delivery Program Transitions**

Comprised of five (5) all-volunteer fire companies, the ATFD has been serving the residents of Abington Township for more than 100 years. Abington Fire Company, was the first fire company to begin serving the township 1889, followed by the Weldon Fire Company in 1904, McKinley Fire Company in 1906, Edge Hill in 1908 and Roslyn in 1923. The first fire apparatus operated by the companies were hand pulled hose carts and have progressed to the modern fire apparatus that make up the current fleet. Highlights of the evolution of the ATFD's service delivery are as follows:

- 1889: Abington Fire Company founded
- 1904: Weldon Fire Company founded
- 1906: McKinley Fire Company Founded
- 1908: Edge Hill Fire Company founded
- 1912: Abington Township Ordinance #62 officially establishes the ATFD
- 1923: Roslyn Fire Company founded
- 1953: Abington Township Ordinance #726 reorganizes ATFD to recognize the 5 current fire companies
- 1958: Construction completed on ATFD Drill Tower on Florey Lane to provide onsite live fire training to members.
- 1983: Construction completed on ATFD Burn Building. This was a modern burn building which allows for live fire training for members and is still used as of this writing.
- 1995: ATFD adds structural collapse response capabilities with first ATFD Structural Collapse Trailer
- 1996: Major Flooding Event bringing 10 inches of rain in 2 hours – ATFD subsequently adds water rescue equipment and training to capabilities
- 2003: ATFD begins the process to seek accreditation from CPSE – establishes centralized Records Management System, Standardized Membership Application Process; Department wide Operation Guidelines
- 2005: Abington Township Improves ISO rating from Class 5 to Class 4
- 2013: ATFD successfully achieves accreditation from CPSE
- 2015: Abington Township improves ISO rating from Class 4 to Class 3
- 2018: ATFD successfully achieves re-accreditation from CPSE

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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- 2023: ATFD seeks reaccreditation from CPSE

### **Performance Expectation Goals**

#### **Mission Statement**

An organization's mission is the foundation for priorities, strategies, plans and work assignments. It is the starting point for the design of jobs and the design of organizational structure. The mission statement of an organization is intended to describe, in succinct terms, the purpose for the organization's existence. It articulates the principal reason for the fire department's presence within the community.

A clear mission statement is essential for formulating effective current and future strategies. The Abington Township Fire Department, through a collaborative process during the most recent Strategic Planning process, developed the mission statement listed below:

*The Abington Township Fire Department is a unified team of five individual volunteer fire companies providing excellent fire services to protect the health, safety and welfare of our community and members.*

In addition to revising the existing Mission Statement, the members also revised our Values Statement in order to reflect the culture of the ATFD as it currently exists as well as what we will continue to strive for:

- Teamwork: We are dedicated to providing professional services by five individual fire companies working together as a unified department.
- Respect: We value respect for our fellow firefighters and the community by compassionately caring for their needs.
- Excellence: We embrace excellence that demonstrates itself through consistent professionalism, pride, and a positive attitude.
- Safety & Health: We prioritize the safety and health of our firefighters and will provide policies, programs, training, and equipment to ensure their welfare.
- Community Engagement: We are committed to outreach and service to our community through engagement in communication, events, and partnerships.

#### **Performance Goals**

The Center for Public Safety Excellence (CPSE) promotes the belief that, for a strategic plan to be valid, the customer's view on the strengths and image of the emergency services organization must be established. Needless efforts are often put forth in over-developing areas that are already successful. However, proper utilization and promotion of the customer-identified strengths may often help the organization overcome or offset some of the identified weaknesses.

The customer-driven strategic planning process would fall short and be incomplete without an expression from the customer regarding their concerns about the agency. The new Strategic Plan goals map the Fire Department's continued commitment to excellence in the fire service.

# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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In November 2022, the ATFD embarked upon drafting its third Strategic Plan to map out the goals and objectives, based upon community expectations, for the next five years. On November 10, 2022, thirty-two (32) community stakeholders from the township met with Chief Matt Keller from the CPSE Technical Advisor Program, to provide feedback regarding the community's expectations of the ATFD for the next five years. During the next 6 days, thirty-two (32) members of the ATFD, ranging from Chief Officers and Life Members to some of the newest members of the department, met with Chief Keller to create a new Mission Statement and Values Statement as well to create goals and objectives for the department to strive for over the next five years, based upon the community expectations. The end product was a new Strategic Plan for the ATFD, which was presented to the Abington Township Board of Commissioners Strategic Planning Committee on June 13, 2023, and formally adopted by the full Board on July 13, 2023.

The input and feedback that we received from our community stakeholders during their workshop held on November 10, 2022, guided the members of the ATFD to develop six new strategic goals for the department to strive toward over the next five years:

- Increase and improve the active firefighting force to ensure adequate staffing for all responses.
- Maintain and improve the current membership levels through an enhanced recruitment and retention process that ensures adequate personnel to accomplish our mission.
- Enhance department-wide standardization to streamline administrative and operational processes to provide cohesive services to the community.
- Create and implement a public outreach system to improve stakeholder participation and educate the community about the fire department activities and programs.
- Maintain, improve, and acquire physical resources to meet the objectives and expectations of the fire department and the community.
- Develop a standardized health and safety program to mitigate occupational injury and illness among members.

### **Community Service Expectations**

Understanding what the community expects of its fire and emergency services organization is critically important to developing a long-range perspective. With this knowledge, internal emphasis may need to be changed or bolstered to fulfill the customer's needs. In certain areas, education on the level of service that is already available may be all that is needed. While there was a plethora of responses during the workshop attended by our community stakeholders with regard to the expectation about the fire department, the most common responses can be boiled down into three simple areas:

- Respond in a timely manner to all emergencies.
- Respond with well-trained firefighters to all emergencies.
- Respond with proper equipment and staffing to all emergencies.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Community Service Priorities

In order to dedicate time, energy and resources on services most desired by its customers, the Abington Township Fire Department needed to understand what the customers consider to be their priorities. Through the strategic planning process, our community stakeholders were asked to prioritize the services offered by the Fire Department through a process of direct comparison. The Customer's Service priorities of the Fire Department are indicated in the following chart.

Table 2 Customer Service Priorities

SERVICES	RANKING	SCORE
Fire Suppression	1	119
Rescue – Basic and Technical	2	90
Emergency Management & Planning	3	75
Code Enforcement/Fire Inspections	4	62
Hazardous Materials Mitigation	5	60
Community Fire Safety Education	6	40
Fire Investigation	7	37

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### D. Community Risk Assessment and Risk Levels

#### Risk Assessment Methodology

##### **Basic Methodology**

In the past, levels of protection have been based on past practices and common experience. As modern technology has advanced over the years and expectations have increased, the Abington Township Fire Department realized the potential for completing an in-depth, accurate township wide Fire Risk/Hazard Assessment of all service areas. This tool would provide the additional information necessary to formulate informed decisions on required resources and greatly reduce wasted resources and uneducated decisions affecting public safety services related to the fire department.

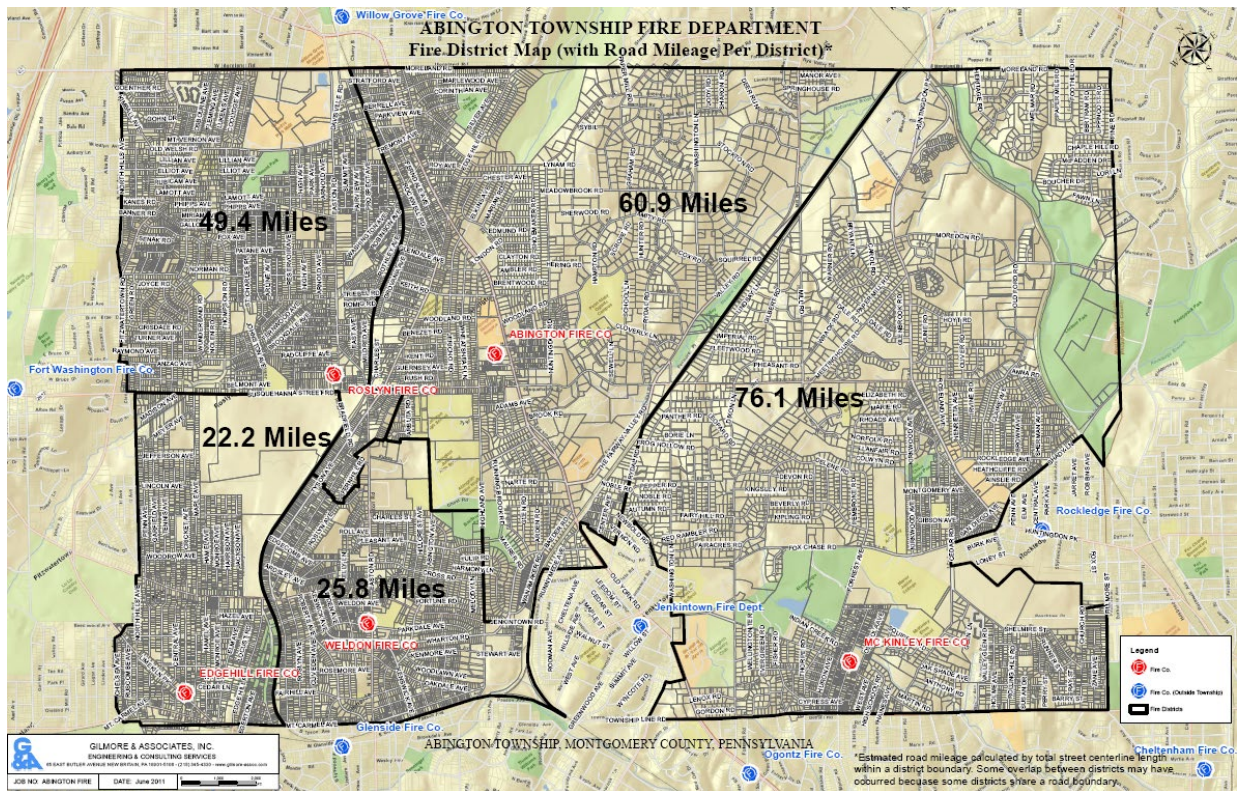
Five response districts have been developed that outline the appropriate response to these areas based on available water supply and risk. Target hazards within each district such as four story or higher buildings, schools, special hazards, flooding and hazardous materials (Haz-Mat) have an enhanced response. In the planning process for the districts, population density, target hazards and incident history are evaluated. All five districts have been determined to be urban in regard to population density. Each of the districts throughout the township has a municipal water supply with hydrants adequate for the risks involved. The Apparatus Deployment Plans provide for additional response to the larger target hazard properties in the districts.

The Department has established the need for service zones, referred to as “Map Boxes” inside the ATFD, and has provided service zones that are effective for its response and deployment. The response zones are provided with a response of equipment and personnel which match the level of risk of each zone, deploying the first due station as well as appropriate mutual and automatic aid companies. The Department’s Apparatus Deployment Plans for each response zone provides the planned fire and emergency equipment necessary for the type of fire or emergency which may occur within the zone.

Over the years, each of the five fire companies that comprise the A.T.F.D. has identified areas of concern based on building construction, age and experience. Each chief could identify target hazards based on their personal knowledge. However, they may not be able to place an educated answer as to why they required the resources they ask for each year. As budgets grow smaller and costs rise with inflation, accurate data-based decisions become more important.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover



**Figure 9 A.T.F.D. Fire District Map (with road mileage per district)**

Each planning area is being evaluated through the National Fire Incident Reporting System (NFIRS) to establish a history of incidents in each area as well as specific locations. The Fire Department has attempted to maximize the planning areas with assignment of available resources. The following table provides a comparison of the square mileage and the road mileage for each planning area as it relates to the planning area percentages correlating to the township.

**Table 3 Comparison of Square Mileage and Road Mileage by Planning Area**

Planning Area	Square Mileage	Population	% of Total	Road Miles	% of Total	High/Special Fire Risk Dispatches
District 100	4.33	12,736	21.9	60.9	25.9	15
District 200	6.13	16,034	27.5	76.1	32.4	17 (4High)
District 300	1.39	7,840	13.4	25.8	11	9 (1 High)
District 400	1.36	6,552	11.3	22.2	9.4	2
District 500	2.28	15,064	25.9	49.4	21.3	8
Township	15.49	58,226	100	234.4	100	51 (5 High)

\* The Fire Department is dispatched by the Montgomery County Emergency Dispatch Services (MCEDS). Presently, there are three levels of dispatch available to the Department for building response. The MCEDS will dispatch a structure fire as either non-commercial, commercial or special. The Fire Department through its Hazard/Risk Assessment has determined there are 5 High and 46 Special risk facilities requiring special dispatch procedures. Those are identified in the A.T.F.D. Apparatus Deployment Plans

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

An all-hazards risk assessment was conducted on all response areas to identify the probability of an event to occur and the level at which the risk may be expected to reach. An evaluation of roadways, rail lines, communications, geography, weather, population and societal factors were considered. Specialized Apparatus Deployment Plans were developed based on information gathered in this evaluation process to cover specialized resources, as well as integrate with Abington Township Emergency Management.

It is the goal of the Abington Township Fire Marshal’s Office to inspect each commercial facility in the township by a Certified Fire Inspector on an annual basis. Data from these inspections is collected and input into the inspections and assessment software to maintain all information in the most up to date status.

Facilities are physically assessed by fire inspectors to review indicators that are important in formulating data necessary to determine risk level. Building size, age, construction, occupancy and any fire prevention systems present are analyzed and documented. Required fire flows are calculated and balanced against available water flows identified in the recent International Organization for Standardization (ISO) evaluation of the township’s infrastructure.

Once the data is gathered on each facility, the Fire Department utilizes a two consequence/probability matrix to categorize the risk presented. The occupancies are evaluated from low, medium to high or special. This rating is based upon the size of structure (square feet, height), occupancy, fire flow and OVAP score for certain priority facilities. Probability is reached through a review of NFIRS historical data for each structure along with fire protection systems and fire/hazard loads. Consequence takes into consideration occupancy, infrastructure, and historic places.

**Table 4 Consequence vs. Probability Matrix**

		CONSEQUENCE		
		Low	Medium	High
PROBABILITY	Low	Low Isolated Risk	Medium Risk	High Risk
	Medium	Low Risk	Medium Risk	High Risk
	High	Medium Risk	Medium Risk	High Risk

Each of the five fire districts is further broken down into service zones (Boxes, 29A-1, 29A2, 29A-3, etc), also referred to as “Map Boxes” or “Map Pages”. There are 54 service zones overlapping the five districts. Each is broken down to include population, density, housing and transportation, as well as natural and man-made hazards within each zone. The below chart illustrates those High and Special risk in each district. All other structures have been identified as Low and Medium risk and are listed individually in Section I.; B. Special note is given to those districts with areas prone to widespread flooding and a history of water rescues/flood evacuations.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

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**Table 5 Risk Assessment by District**

RISK ASSESSMENT by DISTRICT				
	SUPPRESSION		Medium Risk	
District	High	Special	Haz-Mat	Rescue (Flooding)
<b>100</b>	0	15	0	3
<b>200</b>	4	13	2	2
<b>300</b>	1	8	1	1
<b>400</b>	0	2	1	2
<b>500</b>	0	8	1	3
All remaining structures evaluated are Low/Medium risk. Flooding represents areas historically prone to flood.				

The assessment also relies on non-material factors such as historical sites, religious assemblies and occupant mobility factors such as in nursing and day care facilities when assigning fire risk levels. Although a facility may be classified as a low risk, based on building construction and protective systems, the assessment level may be raised to reflect the hazard of non-ambulatory occupants, or the loss incurred to the community as in a facility associated with the townships infrastructure. As example (see chart above), although a hospital of Type I construction, sprinkler and fire alarm systems, with compartmentalization throughout, has a low probability factor, the consequences of a major incident would be high in terms of loss facilities/life, this is considered to be a special hazard in the assessment and pre-plan documents developed and apparatus plans adjusted accordingly. In many cases with facilities determined to be a special risk, due to a high OVAP score or the type of facility (ie a school), the standard commercial box assignment is used (7E/2L/1R), instead of a specialized dispatch.

Once completed, the risk assessment and associated pre-planning materials are provided to each of the five fire companies for their input into final approval of the assessment. This provides each of the companies with an opportunity to familiarize themselves with the information as well as comment on any past experience they feel may contribute to the final product.

A complete, accurate fire risk assessment will provide the necessary tool to validate the activities, needs and resources of the Abington Township Fire Department as well as provide critical data necessary for elected officials and citizens to make informed decisions concerning public safety and response in the township for years to come.

### **Planning Areas/Zones**

In an effort to provide risk/hazard planning, the geographical boundaries of the Township of Abington are divided into five Fire Districts. Physical location and accessibility determine which fire apparatus would respond first to an emergency within that fire district. Each fire company within the department has a first due district which is further divided into service zones referred to as “map pages” or “map boxes”. The service zones give the Fire Department a more accurate avenue for identifying potential risk/hazards, other than relying on census tract data and fire district data. This tiered effect of first due districts and service zones

## **ABINGTON TOWNSHIP FIRE DEPARTMENT**

### **Community Risk Analysis and Standards of Cover**

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allows for a more focused planning than would be offered simply by a polygon of a predetermined size surrounding the fire stations. The Fire Department continually addresses their service zone system to ensure accuracy and makes modifications as changes occur; historical data indicates a need for re-assignment or change in physical shape or size of a service zone.

The Department, as previously stated, is comprised of five independent volunteer fire companies. Each company operates numerous pieces of apparatus, typically two engines and an aerial device or rescue truck. The districts are established as first due (distribution) for a fire company. The Company serving the appropriate “district” responds initially as a single source “resource” to any incidents that occur in their “district.” The entire Company is dispatched to the incident regardless of type. In a majority of cases, Companies respond with multiple apparatus and personnel to the incidents. Upon arrival, the officer in charge, knowing what apparatus and staffing is responding, can elect to increase or decrease the resources responding. With the exception of chief officers or a firefighter passing an incident, all personnel report to the station and respond on apparatus or remain on standby until released. Typical dispatch for a vehicle fire in Abington’s District (100) would be for the entire Company (Station 100). If personnel are not needed or do not make it to the station to get on a truck, they then “standby” in the station until all apparatus are back from the incident; they may need to respond addition apparatus, aid in putting responded apparatus back in service, or provide coverage for additional incidents should they occur simultaneous to the original incident.

Rescue responses in the township are dispatched as the company whose district the incident occurs and one heavy rescue apparatus. As example, were there to be a vehicle rescue in Edge Hill’s (400) district, they would be dispatched as a full company along with the heavy rescue from Weldon (Station 300). Edge Hill will respond with two engines.

If once on scene the officer in charge determines that the scope of the incident calls for additional or more technical equipment/personnel, they may be requested and automatically dispatched utilizing the Apparatus Deployment Plans established for the district and planning zone where the incident occurs.

With the exception of the facilities that have special dispatch procedures attached, all non-commercial structure fires within the township have been assigned the same initial dispatch of six engines, two aerials and a rescue. Commercial structure fires are assigned seven engines, two aerials and a rescue. Once on location, the officer in charge has the authority to reduce the response if they determine it to be of a low hazard (detached shed, no power or exposure) or upgrade the response if the scope of the incident exceeds the initial dispatch. If it is determined to be a working fire, whether from the first arriving units or based upon information available to the dispatcher, the “Abington Township Working Fire Dispatch” is toned out, which brings additional apparatus from each ATFD station to the incident as well as a mutual aid cover engine and ladder to standby at Station 100.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Risk Assessment

#### Fire Suppression Services

A large part of the hazard/risk assessment process was evaluating the probability and consequence of various incident types throughout the township and five fire districts. A thorough evaluation of building fires occurring over the past five years was completed to establish the probability of occurrence, where they occurred and when. A complete evaluation of building fires by district, day, month, time is contained in “Incident Data Charts” (see Section I, A.). The below charts and graph indicate the location by district of building fires occurring within the township. On average, the A.T.F.D. responded to 21 working building fires within the township each year over the past five years.

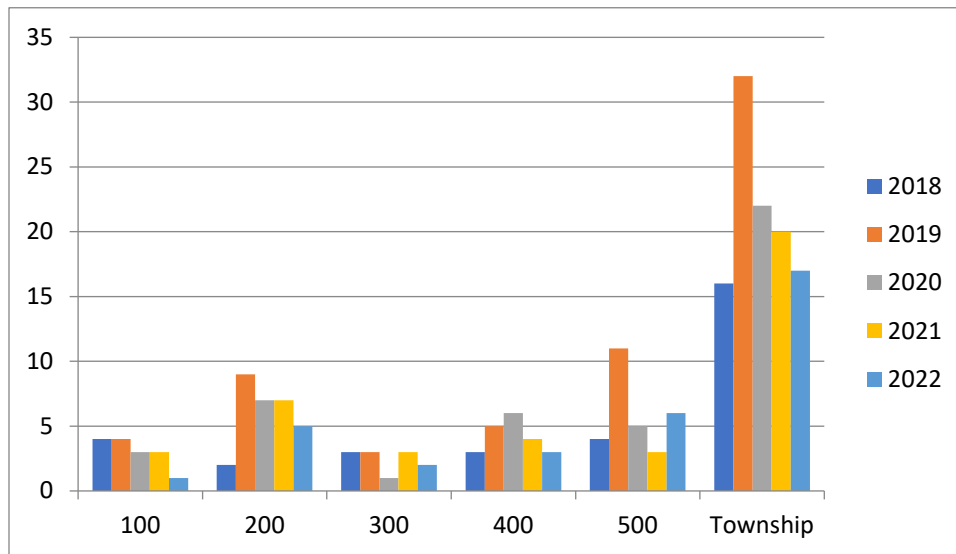
The chart below illustrates the fire district of all medium risk building fires that occurred in Abington Township over the past five years. A review of these structure fires shows the incidents to be spread across the township with no great clustering in relations to geographic, economic or social values. The structure fires have been related to those areas more densely populated. The entire assessment process enabled the department to also assess Effective Response Forces for the various levels of risk and evaluate its effectiveness.

**Table 6 Building Fires by District by Year**

Building Fires by District by Year						
	2018	2019	2020	2021	2022	TOTAL
<b>100</b>	4	4	3	3	1	15
<b>200</b>	2	9	7	7	5	30
<b>300</b>	3	3	1	3	2	12
<b>400</b>	3	5	6	4	3	21
<b>500</b>	4	11	5	3	6	29
<b>Township</b>	16	32	22	20	17	107

# ABINGTON TOWNSHIP FIRE DEPARTMENT

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**Table 7 Building Fires by District by Year (graph)**

The next step of the hazard/risk assessment was the resultant consequences of the events occurring. To document and evaluate the consequences, the A.T.F.D. documented and tracked the civilian and responder injuries and fatalities and balanced that with the lives saved.

**Table 8 Building Fire Property Loss - Injury vs. Save**

BUILDING FIRE – INJURY/FATALITY vs. SAVE						
	2018	2019	2020	2021	2022	TOTAL
<b>CIVILIAN INJURIES</b>	0	0	0	0	0	0
<b>CIVILIAN FATALITIES</b>	0	1	0	1	1	0
<b>CIVILIANS RESCUED</b>	0	3	0	0	0	2
<b>FIREFIGHTER INJURIES</b>	2	3	1	2	1	9
<b>FIREFIGHTER FATALITIES</b>	0	0	0	0	0	0

The occupancies are evaluated from low, medium to high or special. A “special” risk is for a facility that may not be considered a “high” risk facility by objective standards, but due to other factors such as the type of facility, type of occupants, OVAP score, effect on the community if facility is lost or damaged, such as schools and hospitals. This rating is based upon size of structure (square feet, height), occupancy, and fire flow. Probability is reached through a review of NFIRS historical data for each structure along with fire protection systems and fire/hazard loads. Consequence takes into consideration occupancy, infrastructure, and historic places.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

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**Table 9 Consequence vs. Probability Matrix**

		CONSEQUENCE		
		Low	Medium	High
PROBABILITY	Low	Low Isolated Risk (Detached shed with no power)	Medium Risk (Detached garage with power)	High Risk (Hospitals, Schools)
	Medium	Low Risk	Medium Risk (Single Family Dwelling)	High Risk (Hi- Rise facilities)
	High	Medium Risk	Medium Risk	High Risk

### Critical Tasking

#### Structure Fire Calls

The Effective Response Force (ERF) for structure fires is divided into two categories, initial attack force and initial support force. The initial attack force is the personnel that make the first contact with the fire or hazardous situation and attempt to stabilize the incident, otherwise referred to first arriving unit. The initial support forces are the personnel that make up the Effective Response Force in support of the initial attack force. The initial attack force for a medium risk, single-family residential structure fire is listed below. The initial dispatch on medium risk structure fires is a force of six engines, two aerials and one rescue company. Confirmed fire reports bring an automatic upgrade for a township wide ‘working fire’ dispatch, bringing the air supply unit and additional appropriate units from each station. Special risk structure fire dispatches call for additional engines and aerial devices based on the size and risk involved. The following charts separate and illustrate the critical tasks of the first due apparatus and Effective Response Force. The first due apparatus is assigned fire suppression and establishes command while the remaining units may be assigned to more typical support roles. Depending on the actual incident, separate tasks may be completed by one person (e.g. Officer could establish command, size-up and accountability until the span of control is exceeded).

**Table 10 Personnel Required for Critical Tasks - First Arriving Structure Fires**

TASK	LOW	MEDIUM	HIGH/SPECIAL VALUE
Size up/Command	1	1	1
Pump Operations/ Water Supply	1	1	2
Offensive Fire Attack	1	2	4
Initial Attack Personnel	3	4	7

# ABINGTON TOWNSHIP FIRE DEPARTMENT

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**Table 11 Personnel Required for Critical Initial Support Tasks**

TASK	LOW	MEDIUM	HIGH/SPECIAL VALUE
Search & Rescue		2	4
Rapid Intervention Team		2	2-4
Water Supply		1	1-2
Back-up Hose Lines	1-2	2	2-4
Incident Safety Officer		1	1
Ventilation, Salvage & Overhaul, Support	1-2	2	2-4
EMS, Rehab & Air Supply		1-2	2-3
<b>Sub-Total</b>	<b>2-4</b>	<b>11-13</b>	<b>14-22</b>
<b>Total Personnel</b>	<b>5-7</b>	<b>15-17</b>	<b>21-29</b>

**Initial Support** - Support functions including salvage, overhaul and staffing of rehabilitation, air supply, etc. may be performed by initial personnel after completion of an initial assignment or by additional units assigned to the emergency scene and is dependent on the complexity of the incident.

**Table 12 Typical Initial Staffing (ERF) - Resources for Risk Levels & Occupancies**

TASK	LOW RISK	MEDIUM RISK	SPECIAL RISK
Attack Line	1	2	4
Search & Rescue		2	4
Rapid Intervention		2	2-4
Support: Ventilation, Salvage & Overhaul	1-2	2	2-4
Back-up Hose Line	1-2	2	2-4
Pump Operator	1	1	2
Water Supply		1	1-2
Command/Safety	1	2	2
EMS, Rehabilitation & Air Supply		1-2	2-3
<b>Totals</b>	<b>5-7</b>	<b>15-17</b>	<b>21-29*</b>

### Greater Alarms

When additional resources are required, the Incident Commander will request additional resources, which can include engine companies, truck companies, special rescue units and emergency medical resources. These resources are available through automatic aid agreements, and mutual aid agreements within Montgomery County, and regional task force agreements. The Department's Apparatus Deployment Plans are established to provide response resources to the fifth alarm.

### Other Fire Incidents

# ABINGTON TOWNSHIP FIRE DEPARTMENT

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### Vehicle Fires

Dispatch assignments on all vehicle fires within the township consist of the first due company whose district the event occurs, regardless of risk, typically with two engines at a minimum. Additional units may be added upon request of Incident Command as required. Minimum staffing on the arriving engines is typically one officer, a driver/operator and two fire fighters. First arriving engines have the capability of placing an initial 1 ¾" hand line in service for fire attack. Second due engines may place a backup line in service and assist with forcible entry and salvage and overhaul.

**Table 13 Low Risk (passenger) Vehicle Fire Critical Tasks**

CRITICAL TASKS	
Size up/Command	<b>1</b>
Pump Operations/Water Supply	<b>1</b>
Offensive Fire Attack	<b>1-2</b>
Total Staffing	<b>3-4</b>

### Brush/Woods Fires

Two engine companies are on the initial dispatch for all woods/brush/trash fires within Abington Township. Additional units may be requested as needed by the incident Commander. There are areas within the township that are heavily wooded with limited access. These areas have been identified through the risk assessment process and pre-planned for five additional resources that may be needed to efficiently complete all required tasks.

**Table 14 Low Risk - Brush Fire Critical Tasks**

CRITICAL TASKS	
Size up/Command	<b>1</b>
Pump Operations/Water Supply	<b>1</b>
Offensive Fire Attack	<b>2-4</b>
Total Staffing	<b>4-6</b>

### Emergency Medical Services

The Township of Abington contracts with the Second Alarmers Rescue Squad of Willow Grove to provide all Emergency Medical Services (EMS) within the Township. The Fire Department does not operate an EMS response vehicle. All members of the Fire Department are trained and certified in First Aid and CPR and the use of automated external defibrillators (AEDs). The Fire Department may be called upon from time to time to assist EMS crews with lifting, extrication and or packaging of a patient for various reasons by request of the EMS Supervisor. Fire resources dispatched for assistance would be based on the request of the EMS Supervisor, typically an Engine or Special Service Truck with manpower.

Standard dispatch procedures for the Montgomery County Department of Public Safety is for an ALS ambulance and typically an EMS supervisor to be dispatched to all structure fires and rescues in Abington Township.

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### Hazardous Materials Services

All members of the Abington Township Fire Department have been trained to the Operations Level, with several members attaining qualification to the Technician Level. For responses above Level 1, requiring the deployment of specialized equipment and training above the Operations Level, the A.T.F.D. relies upon the services of the Montgomery County Hazardous Materials Response Team. There are approximately 10 ATFD members on this team. On initial dispatch, an officer from the Montgomery County team will be dispatched and advises the incident commander on any additional resource needs. Members of the department respond at the Operations Level.

The occupancies are evaluated from low, medium to high or special. This rating is based upon size of structure (square feet, height), occupancy, and hazardous materials present. Probability is reached through a review of NFIRS historical data for each structure along with fire protection systems and fire/hazard loads. Consequence takes into consideration occupancy, infrastructure, and historic places.

A thorough evaluation of hazardous materials incidents occurring over the past five years was completed to establish the probability of occurrence, where they occurred and when. A complete evaluation of hazardous materials incidents by district by year is located below and contained in "Incident Data Charts."

**Table 15 Consequence vs. Probability Matrix**

CONSEQUENCE				
		Low	Medium	High
PROBABILITY	Low	Low Isolated Risk	Medium Risk (Home Heating Oil Tank Rupture/Leak)	High Risk (Fuel Tank Truck Leaking/MVA)
	Medium	Low Risk (Motor Vehicle leaking fuel on roadway)	Medium Risk	High Risk
	High	Medium Risk	Medium Risk	High Risk

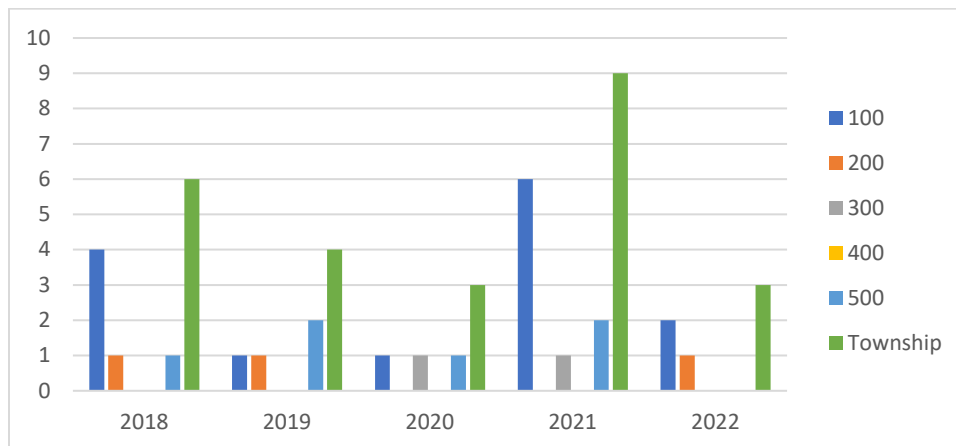
The next chart indicates the location by district of hazardous materials incidents occurring within the township. On average, the A.T.F.D. responded to 5 hazardous materials incidents within the township each year over the past five years. A total of 25 incidents were low risk, fluid spills on the roadway randomly distributed throughout the five districts.

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**Table 16 Hazardous Materials Incidents by District by Year**

Hazardous Materials Incidents by District by Year						
	2018	2019	2020	2021	2022	TOTAL
<b>100</b>	4	1	1	6	2	14
<b>200</b>	1	1	0	0	1	3
<b>300</b>	0	0	1	1	0	2
<b>400</b>	0	0	0	0	0	0
<b>500</b>	1	2	1	2	0	6
<b>Township</b>	6	4	3	9	3	25



### Hazardous Materials

**Table 17 Hazardous Materials Critical Tasks**

CRITICAL TASKS			
	LOW	MEDIUM	HIGH/SPECIAL
Incident Command/Safety Officer	1	1	2
Site Control (Detection & Monitoring)		1	2
Referencing		1	1
Containment & Confinement	2	4	4
Decontamination	1	2	4
<b>TOTAL</b>	<b>4</b>	<b>9</b>	<b>13</b>

### Rescue Services

The A.T.F.D. provides rescue services to the community. Each of the five stations operate an engine and/or aerial containing rescue equipment capable of performing basic rescue tasks and beginning the process of stabilizing an incident scene and beginning extrication until the arrival of additional equipment and resources for the more complex incidents. Station 300

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operates a heavy rescue apparatus. Resources in the department are available to perform vehicle, industrial, high angle, water, trench and structure collapse rescue.

The districts are evaluated from low, medium to high or special for rescue services. Probability is reached through a review of NFIRS historical data for each district. Consequence takes into consideration monetary loss, life hazards and medical outcomes.

An evaluation of rescue services occurring over the past five years was completed to establish the probability of occurrence, where they occurred and when. A complete evaluation of rescue incidents is contained in Section I, A. Incident Data Charts. The below charts and graph indicate the location by district of rescue incidents occurring within the township. On average, the A.T.F.D. responded to 5.6 rescue incidents within the township each year over the past five years, primarily involving motor vehicle crashes on the roadway. There have been no technical, high angle or trench rescue incidents in the past five years. With flooding during spring and fall rainstorms, numerous water evacuations have been responded to along with the occasional elevator rescue.

**Table 18 Consequence vs. Probability Matrix**

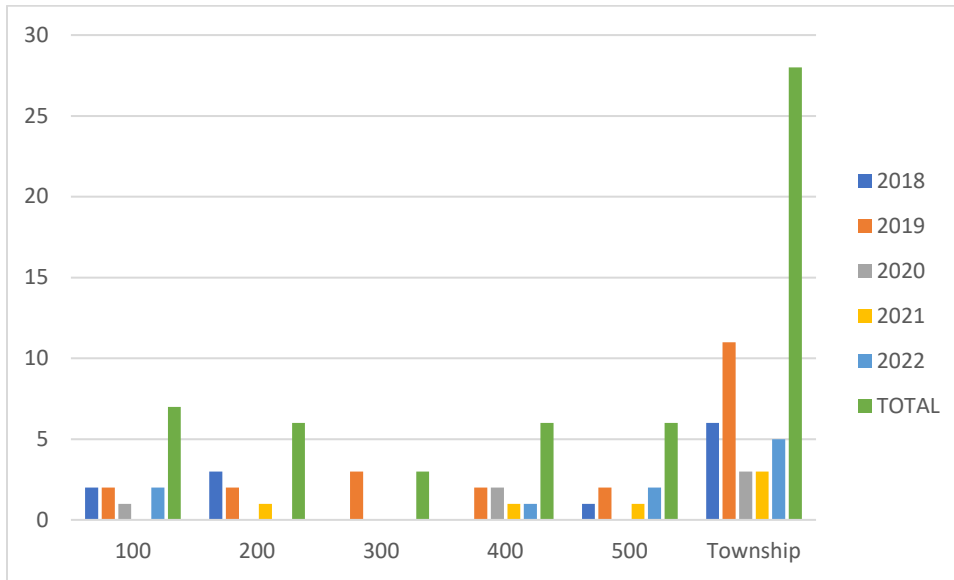
CONSEQUENCE				
		Low	Medium	High
PROBABILITY	Low	Low Isolated Risk (Elevator Rescue)	Medium Risk	High Risk (High Angle Rescue, Structure Collapse)
	Medium	Low Risk (Motor Vehicle Accidents/rescue)	Medium Risk (Flood Evacuation)	High Risk
	High	Medium Risk	Medium Risk	High Risk

**Table 19 Rescues by District by Year**

Rescues by District by Year						
	2018	2019	2020	2021	2022	TOTAL
<b>100</b>	2	2	1	0	2	7
<b>200</b>	3	2	0	1	0	6
<b>300</b>	0	3	0	0	0	3
<b>400</b>	0	2	2	1	1	6
<b>500</b>	1	2	0	1	2	6
<b>Township</b>	6	11	3	3	5	28

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### Vehicle Rescue Incidents

Vehicle rescue assignments include two engine companies and a heavy rescue on the initial dispatch. Each of the five stations *operates* an engine with basic rescue extrication tools. These units may begin and complete basic rescue tasks without the need for additional or more technical equipment. Personnel operating with all five companies have training and certification in basic vehicle rescue up to and including technician.

Working with the Traffic Safety Division of the Abington Township Police Department, the following intersections and roadways within the township are target hazards for motor vehicle accidents:

- Fitzwatertown Road & Moreland Road (intersection)
- Easton Road and Susquehanna Road (railroad crossing)
- Old York Road and Susquehanna Road (intersection)
- Susquehanna Road between Old York and Valley Roads (Vinegar Hill)

### Low Risk - Rescue

Table 20 Low Risk Rescue Critical Tasks

CRITICAL TASKS		
	LOW	MEDIUM
Size up/Command	<b>1</b>	<b>1</b>
Pump Operations/Water Supply	<b>1</b>	<b>1</b>
Fire Suppression	<b>0-2</b>	<b>2</b>
Safety/Accountability	<b>0-1</b>	<b>1-2</b>
Rescue Operations	<b>2</b>	<b>4</b>
Stabilization	<b>1-2</b>	<b>2</b>
<b>Total Staffing</b>	<b>5-10</b>	<b>12-13</b>

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### Technical/Special Rescue (Hi-Angle, Low-Angle, Trench, etc)

The box assignment for technical rescues varies depending upon the type of incident. Primarily a rescue box will contain one heavy rescue and two engine companies. Four companies operate aerial devices. There are three 105' straight tip aerials and one 100 foot elevated platform. Each of the truck companies have personnel qualified in high angle/rope rescue. The department operates one technical rescue trailer with equipment and material to function at collapse and trench rescue incidents. Additional resources are available through automatic and mutual aid. A special box has been established for technical rescues to include one engine from each of the five stations, one heavy rescue and the technical rescue support trailer. Although the probability of an event occurring is low, the consequences could be significant. The Department has not been dispatched to a technical rescue incident in the last five years. The last technical rescue in Abington Township occurred in November 2005, when units from all five A.T.F.D. stations, as well as mutual aid from surrounding companies, successfully extricated a trapped worker from a collapsed work trench. Prior to that, another successful trench rescue was performed in April of 1996 in District 500, utilizing resources from the five Fire Department companies, along with mutual aid from the Philadelphia Fire Department, completed the rescue.

**Table 21 Critical Tasks for Special Level Rescue**

<b>CRITICAL TASKS for SPECIAL LEVEL RESCUE</b>	
Incident Command/Safety Officer	<b>1-2</b>
Operations Officer	<b>1</b>
Entry/Rescue	<b>2-4</b>
Backup Team	<b>2-4</b>
Driver/Operator	<b>1-2</b>
Aerial Operator	<b>1</b>
Accountability	<b>1</b>
Staging	<b>1</b>
Support	<b>2-4</b>
Equipment Operator	<b>1-2</b>
<b>Total Staffing</b>	<b>13-22</b>

### Special Services

The Fire Marshal's office is staffed by a full-time Fire Marshal and an Assistant Fire Marshal, who hold Pro-Board and NAFI certifications in fire, explosion and vehicle fire investigation. They both are state certified Building Code Officials conducting code enforcement and inspection duties. The office is responsible for the inspection of all commercial properties, interpretation of the fire prevention codes and ordinances concerning structures in the township, presenting talks and demonstrations relevant to fire safety and prevention.



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### E. Historical Perspective and Summary of System Performance

The Abington Township Fire Department has evaluated system performance through distribution, concentration, reliability and comparability. Performance was measured based on incident data over a five-year period from January 2018 through December 2022.

#### Distribution Factors

The Fire Department has historically attempted to adhere to the travel distance recommendations of ISO, which are 1.5 miles of road travel for engines and 2.5 miles of road travel for aerials to all structure fires within the township. The Fire Department has supplemented the ISO recommendations by including travel time and distance calculations afforded by GIS software. Evaluation of initial response coverage for the Township have been displayed on the Abington Township Distribution Maps below indicating road miles and travel distances for each of the five Fire Companies within their first due Response District. See Section I., C. for additional maps.

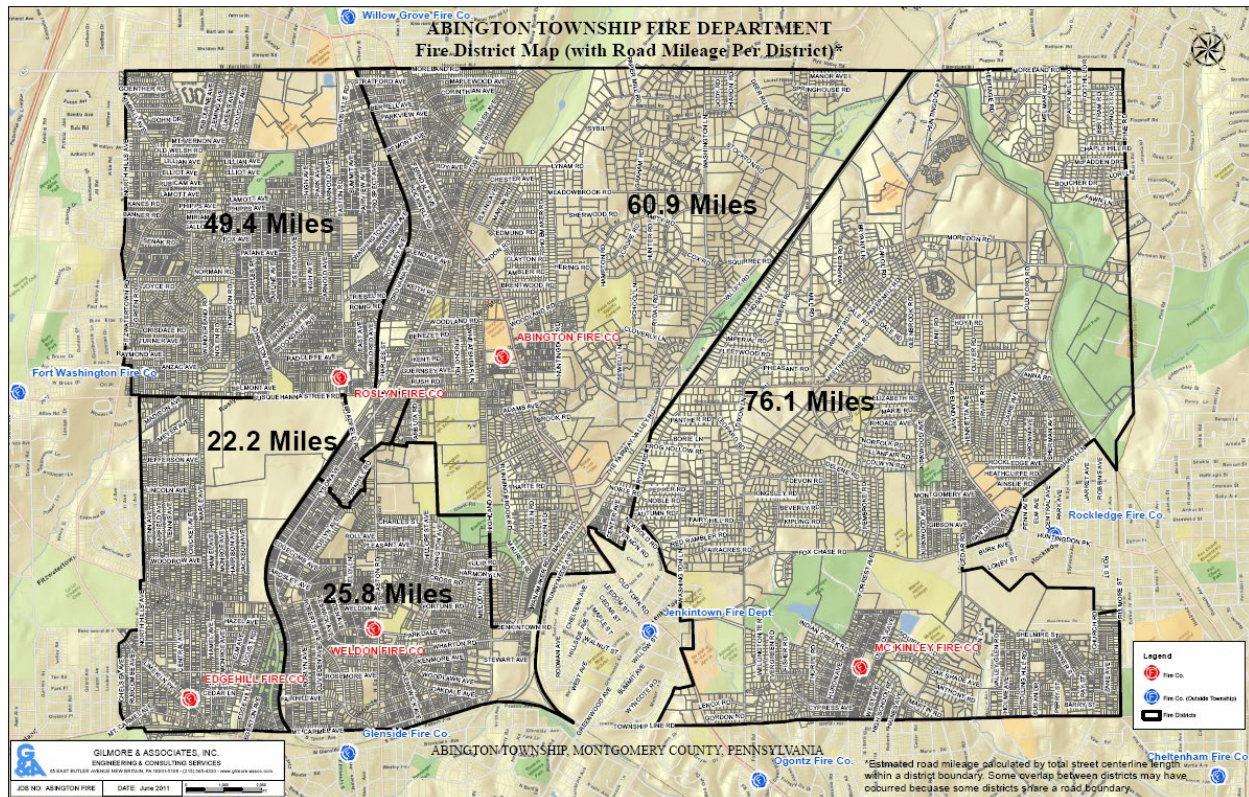


Figure 9 A.T.F.D. Fire District Map (with Road Mileage per District)

The road miles for each of the five Fire Districts, as illustrated on the above map are as follows: Abington Fire Company in District 100 covers 60.9 miles of paved roadway in a 4.33 sq. mi. area; McKinley Fire Company in District 200 covers 76.1 miles of paved roadway in a 6.13 sq. mi. area; Weldon Fire Company in District 300 covers 25.8 miles of paved roadway in a 1.39 sq. mi. area; Edge Hill Fire Company in District 400 covers 22.2 miles of paved roadways in a 1.36 sq. mi. area and Roslyn Fire Company in District 500 covers 49.4 miles of paved roadway in a 2.28 sq. mi. area.

## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

**Table 22 Comparison of Square Mileage and Road Mileage for each Planning Area**

Planning Area	Square Mileage	% of Total	Road Miles	% of Total
District 100	4.33	27.9	60.9	25.9
District 200	6.13	39.8	76.1	32.4
District 300	1.39	8.9	25.8	11
District 400	1.36	8.7	22.2	9.4
District 500	2.28	14.7	49.4	21.3
Township	15.49	100	234.4	100

The Fire Department has attempted to maximize the planning areas with assignment of available resources. The above table provides a comparison of the square mileage and the road mileage for each planning area as it relates to the planning area percentages correlating to the township. The table below indicates the response time of the first arriving engine with four firefighters by district.

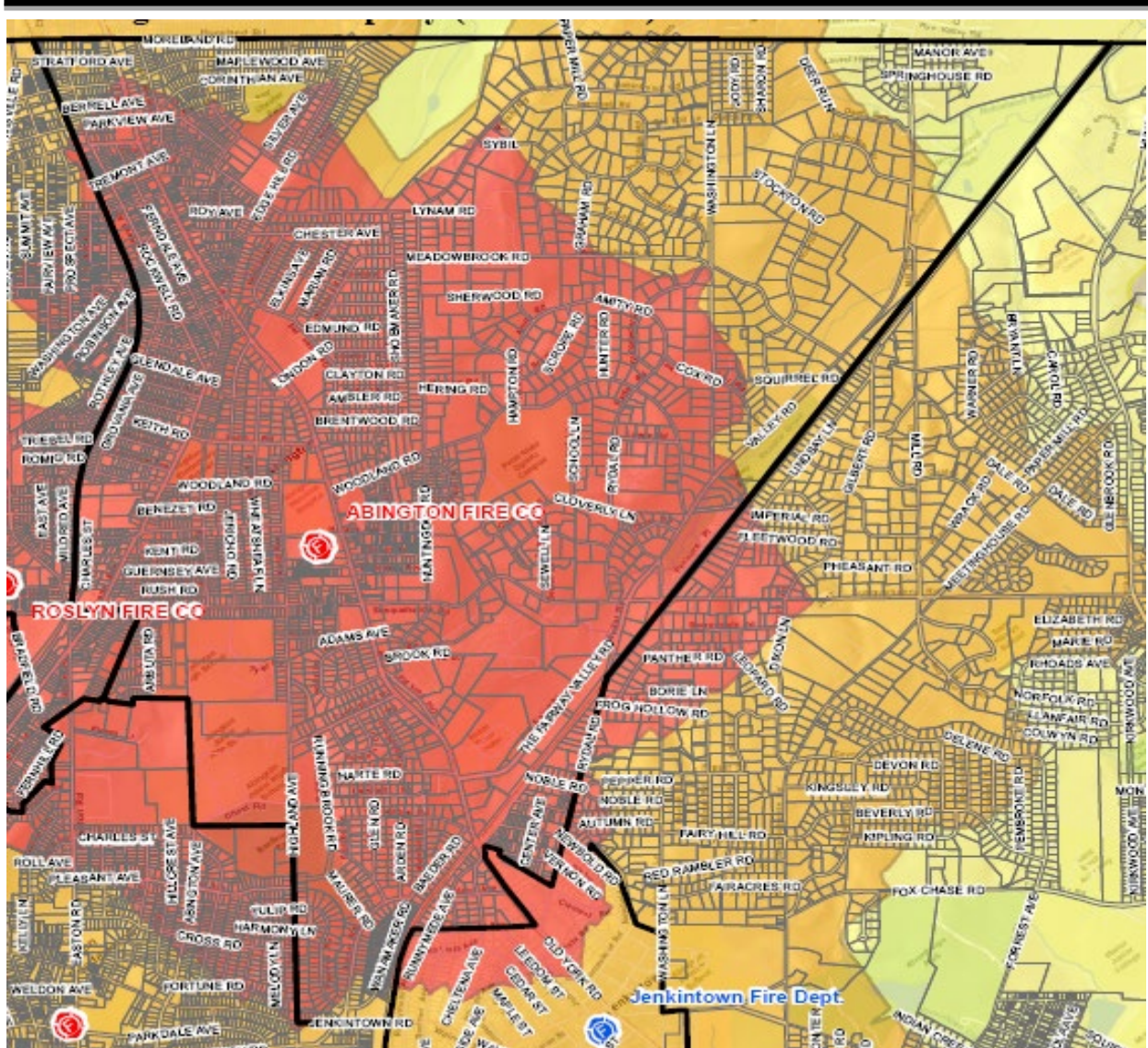
**Table 23 90% Response Time First Arriving Unit - Fire Suppression**

90% Response Time 1st Arriving Unit - Fire Suppression						
	2018-2022	2018	2019	2020	2021	2022
District 100	7:49	5:12	8:27	6:36	6:22	7:49
District 200	8:53	8:53	9:06	8:16	7:53	6:42
District 300	5:53	5:28	2:10	5:33	5:53	6:02
District 400	6:37	5:20	6:37	6:02	5:26	7:36
District 500	7:13	7:15	7:13	5:16	5:11	5:53



# ABINGTON TOWNSHIP FIRE DEPARTMENT

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**Figure 10 District 100 Travel Distances in Road Miles**

**DISTRICT 100 – Red = 1.5 road miles, Orange = 2.5 road miles, Yellow = 4 road miles.**

**Red Circles indicate A.T.F.D. fire stations, Blue circles indicate Automatic/Mutual aid stations**

Abington Fire Company (Station 100) is centrally located within its district as illustrated above. Although the station covers 60.9 road miles, all points of the district are within 3 miles of the station. Coverage illustrated above are the travel distances in road miles, 1.5 mile (red), 2.5 miles (orange) and 4 miles (yellow). Areas to the northeast portion of the district are within three miles of the station and consist of open space wooded areas and sparse single-family dwellings. Automatic/Mutual Aid stations along the north border are located within 2 miles of all the outlying areas of the district.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

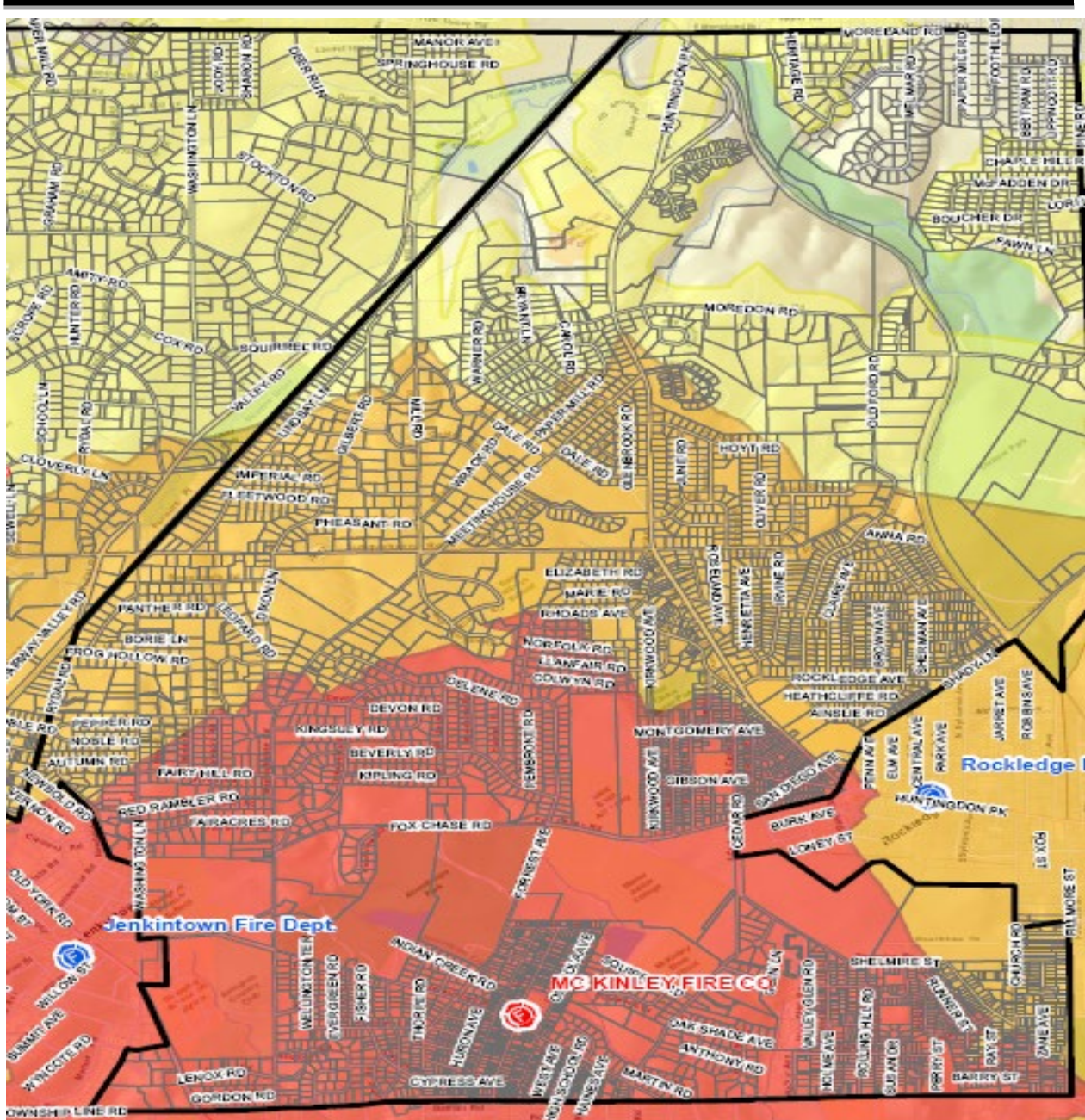


Figure 11 District 200 Travel Distances in Road Miles

**DISTRICT 200** – Red = 1.5 road miles, Orange = 2.5 road miles, Yellow = 4 road miles.

Red Circles indicate A.T.F.D. fire stations, Blue circles indicate Automatic/Mutual aid stations

The McKinley Fire Company in District 200 is located in the south-central portion of their district. The station is within 1.5 miles of the most densely populated portion of the district and extends to 4 miles toward the most northeastern portion where population densities although still urban are significantly lower. Response to this area of the district is supplemented with automatic aid. Automatic/Mutual aid stations along the northeast section of the District are within ½ mile of the township border with stations located within 2.5 road miles of all portions of the planning area.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

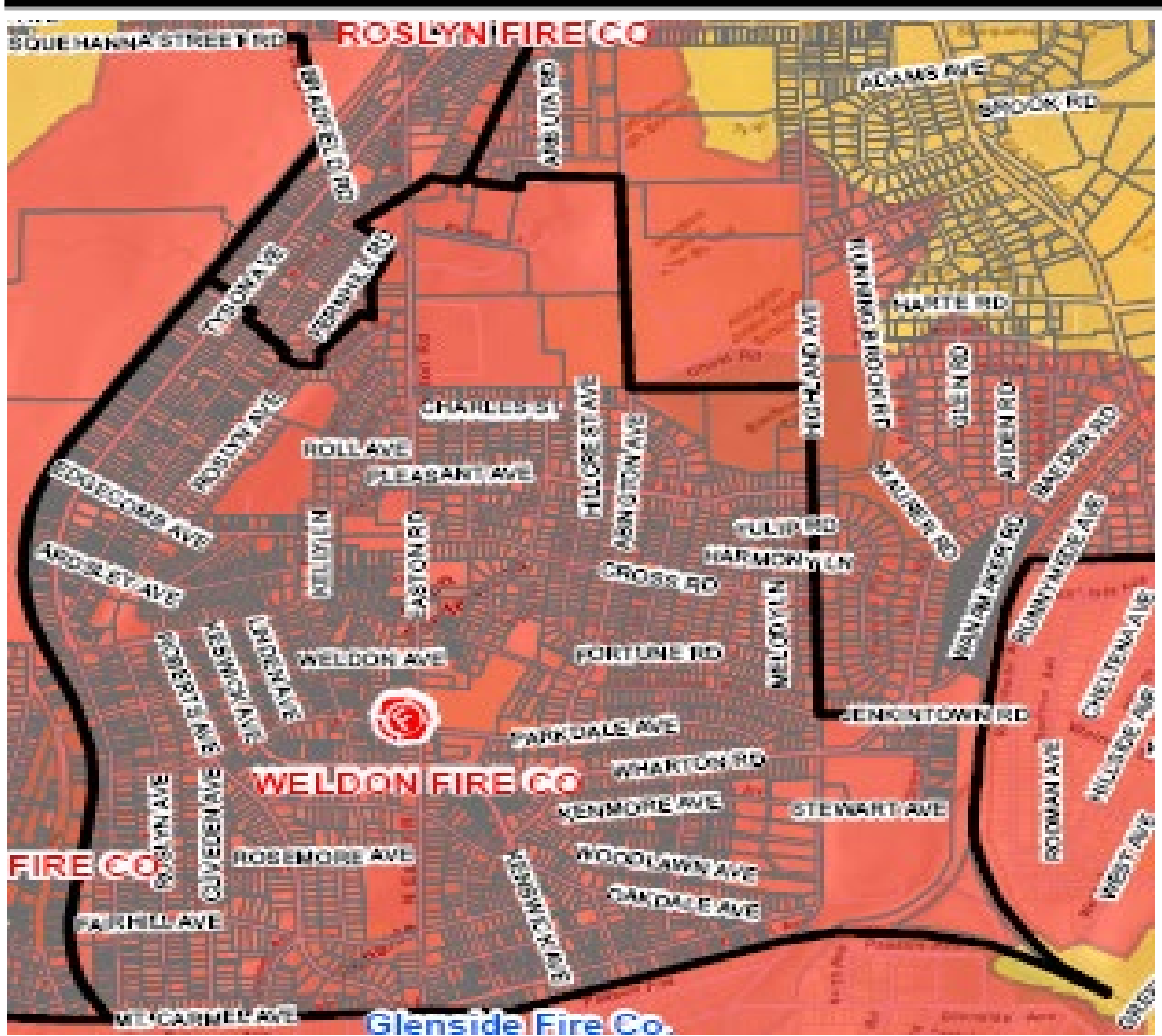


Figure 12 District 300 Travel Distances in Road Miles

**DISTRICT 300** – Red = 1.5 road miles, Orange = 2.5 road miles.

Red Circles indicate A.T.F.D. fire stations, Blue circles indicate Automatic/Mutual aid stations

The Weldon Fire Company station is located centrally in District 300 on a main north-south thoroughfare. All locations within the District are within 1.5 road miles of travel distance from the station. The district is primarily single family homes with one large historic theatre district and two elementary schools. The company also supports one heavy industrial facility, which is classified high risk for hazardous materials.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

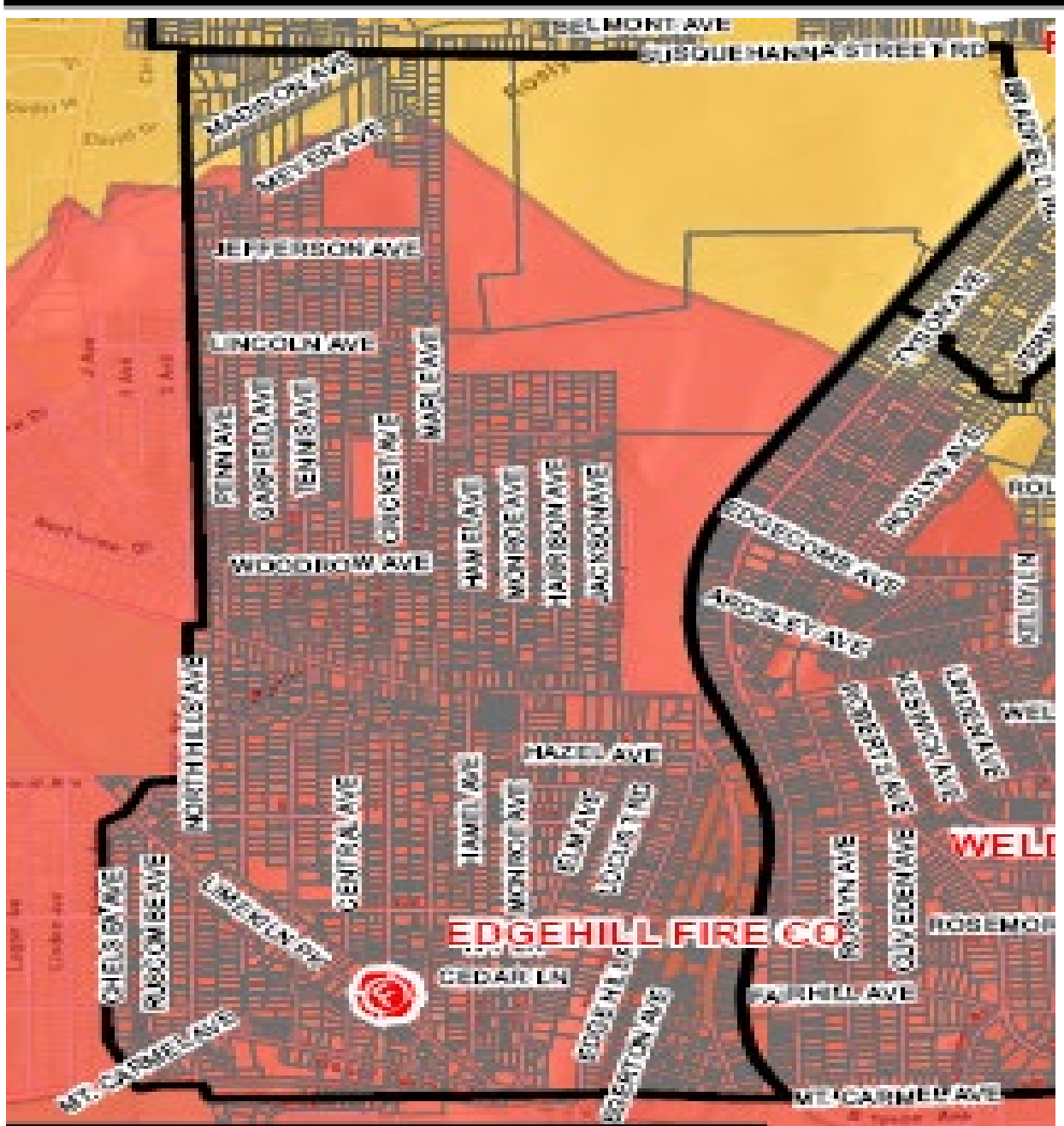


Figure 13 District 400 Travel Distances in Road Miles

**DISTRICT 400** – Red = 1.5 road miles, Orange = 2.5 road miles.

Red Circles indicate A.T.F.D. fire stations, Blue circles indicate Automatic/Mutual aid stations

The Edge Hill Fire Company station in District 400 is located toward the southwest corner of the District and Township. Travel distances from the station to all occupied portions of the district are within 1.5 road miles. The northeastern portion of the district is a large, wooded cemetery and wildlife refuge area. The station is located within the one commercial zone of the district with numerous small business and retail occupancies. Roslyn Fire Company, Station 500 is located within ½ mile of this northern border.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

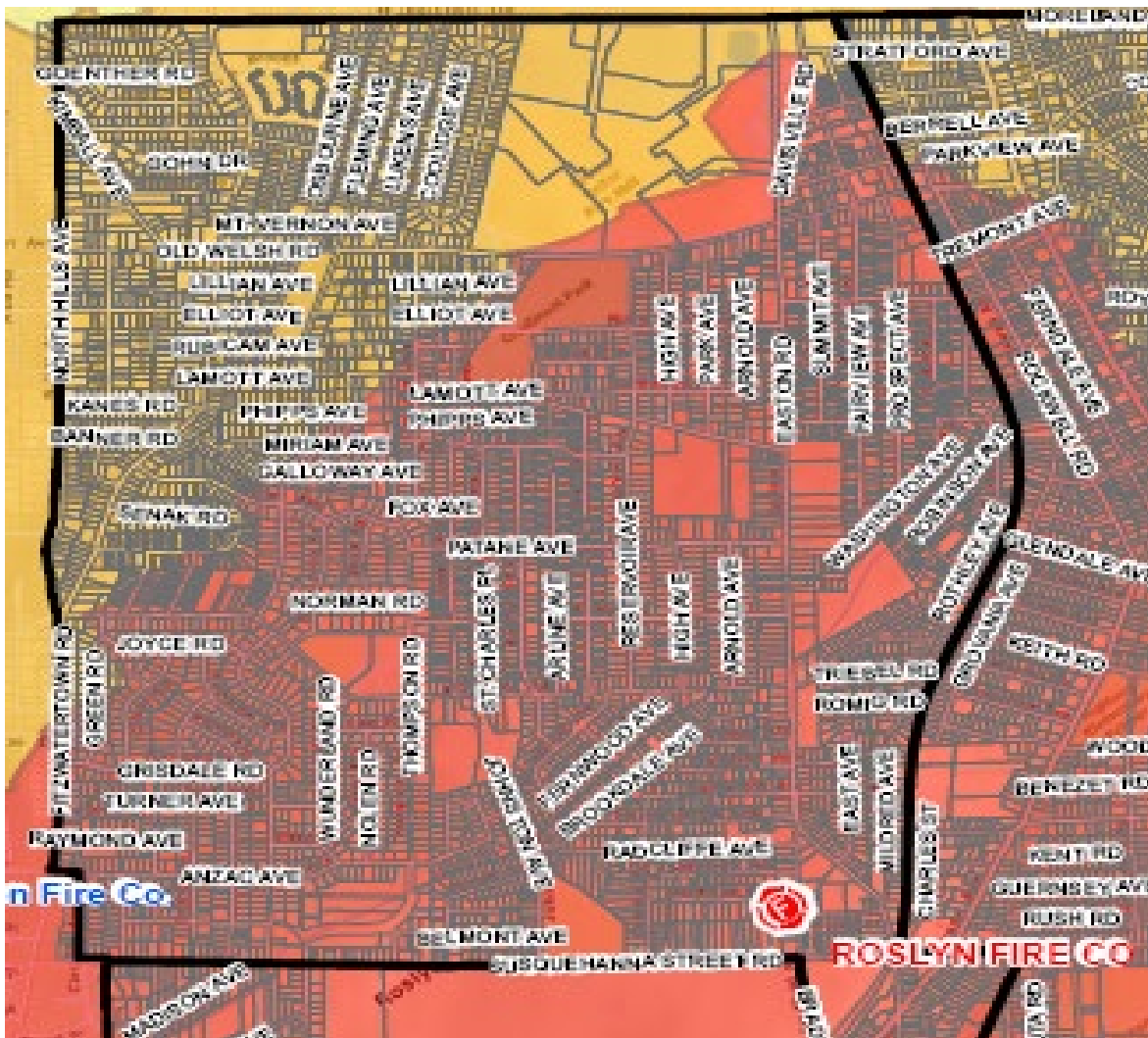


Figure 142 District 500 Travel Distances in Road Miles

**DISTRICT 500 – Red = 1.5 road miles, Orange = 2.5 road miles.**

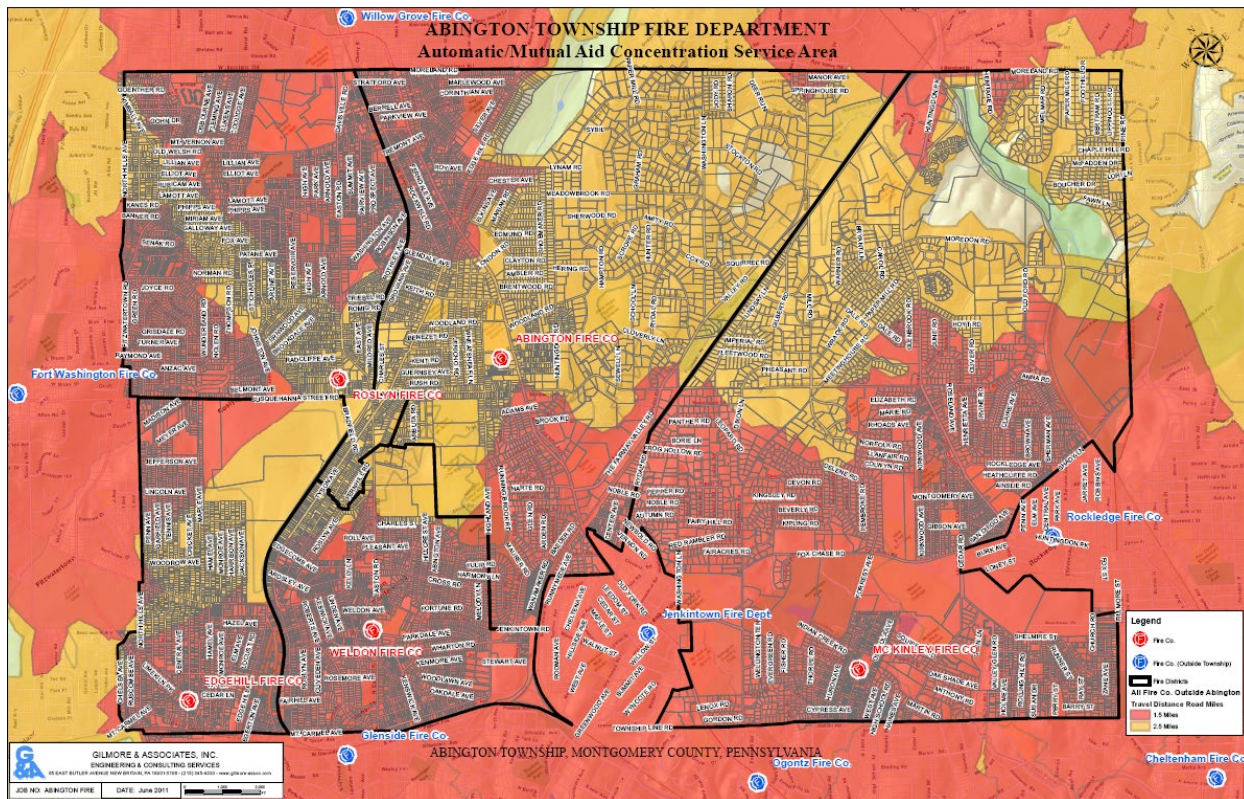
**Red Circles indicate A.T.F.D. fire stations, Blue circles indicate Automatic/Mutual aid stations**

The Roslyn Fire Company station is located in the southeastern corner of District 500 at the northwestern corner of the Township. Covering 2.28 square miles, the farthest portion of the district is within 2.5 miles of the station. The Willow Grove and Fort Washington Fire Companies providing automatic/mutual aid to these areas are within ½ mile of the west and northern borders of the District.

The Fire Department has several areas within its jurisdiction that fall outside the four-minute initial response catchment areas. These areas have been supplemented by automatic/mutual aid as illustrated below. Aid is provided by the Upper Moreland, Bryn Athyn and Huntingdon Valley Fire companies on the northern border, Huntingdon Valley and Rockledge on the eastern border, Cheltenham, Glenside and Oreland on the southern border and Oreland and Fort Washington Fire companies on the western side of the township. Jenkintown Fire Department, operating two companies, also provides aid to the township. Automatic/Mutual Aid Fire Companies Distribution and Concentration Maps are included in Section I, C.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover



**Figure 153 Automatic/Mutual Aid Travel Distances in Road Miles**  
**Automatic/Mutual Aid Distribution – Red = 1.5 road miles, Orange = 2.5 road miles. Red Circles indicate A.T.F.D. fire stations, Blue circles indicate Automatic/Mutual aid stations**

### Concentration Factors

The Fire Department has multiple apparatus located within each of the five stations that can either respond independently or in concentration. Nine engines, four aerials, one heavy rescue and one air unit are dispersed throughout these locations. Comparison of the following tables with square mileage data from the distribution information above shows that the Department has designed the size of certain still districts and concentration of resources based on incident frequency over the past five years.

**Table 24 # of Incidentsx5yr, % of Total, Incidents/Square Miles by Planning Areas and Township**

Planning Areas	# of Incidents	% of Total	# of Incidents/Square Miles
District 100	1,824	25%	442
District 200	2,148	30%	350
District 300	932	13%	670
District 400	450	6%	331
District 500	1,882	26%	825
Township Wide	7,236	100%	467

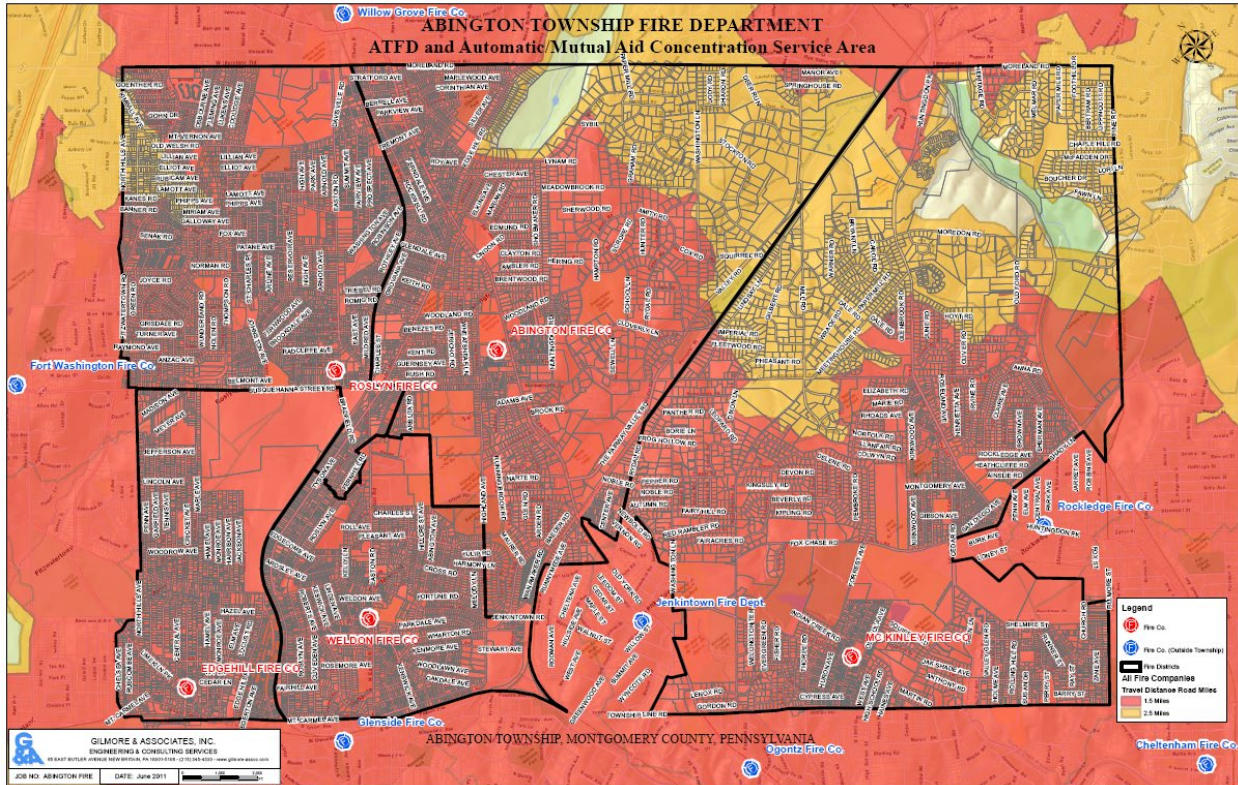
The A.T.F.D. and Automatic/Mutual Aid Concentration Map below illustrates how the Fire Department has addressed incident frequency through redundancy of coverage. The map shows those areas which have a 1.5-mile travel distance from any station, theoretically



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

representing a 3.2 minute travel time in red, based on the ISO travel formula (1.7 x distance +0.65) and 4.9 minutes in orange. For example, a residential building fire in District 500 will dispatch Station 500 (2 engines, 1 aerial), Station 100 (1 engine, 1 aerial), Station 300 (1 engines, 1 heavy rescue), Station 400 (1 engine), and one mutual aid engine. All stations are within a 2 1/2 mile road travel distance.



**Figure 16 A.T.F.D. and Automatic/Mutual Aid Concentration Service Area**  
**A.T.F.D. & Automatic/Mutual Aid Concentrations – Red = 1.5 road miles, Orange = 2.5 road miles. Red Circles indicate A.T.F.D. fire stations, Blue circles indicate Automatic/Mutual aid stations**

The above concentration map indicating the locations of A.T.F.D. stations and mutual/automatic aid stations illustrates the concentration of numerous resources within a 2.5-mile travel distance of all points within the township. Within the township, four engines and two aerial devices are located within any 2.5-mile travel distance of any point. Over eighty percent of the township has travel distances of 1.5 miles to any point by the same concentration of resources. Including the mutual aid stations indicated above, there are 27 engines capable of delivering at least 1500 gpm of water flow each, three rescue apparatus and nine aerial devices of 100 feet or greater.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### Reliability Factors

A reliability study of the historical response to incidents demonstrates the Fire Department's attempt to meet the response time benchmarks for first due and to establish an Effective Response Force (ERF). Again, the major focus of the analysis was on the total overall response time. A systematic evaluation of all A.T.F.D. apparatus was conducted including time in service, availability, first due and mutual aid responses and total responses. An evaluation of response during multiple incident periods was also conducted.

**Table 25 Unit Responses January 2018-December 2022**

	Response by Districts							Average Time on Call
	100	200	300	400	500	Mutual Aid	Total	
<b>Squad 100</b>	874	105	22	7	313	116	1437	19.5m
<b>Squirt 100</b>	237	45	25	3	249	193	752	16.6m
<b>Engine 200</b>	9	477	2	0	2	57	547	20.7m
<b>Squad 200</b>	20	1637	1	4	9	124	1795	19.8m
<b>Engine 302</b>	115	77	762	152	220	288	1614	23.0m
<b>Engine 303</b>	32	24	180	34	46	57	373	23.6m
<b>Engine 400</b>	49	40	57	173	105	69	493	36.0m
<b>Pipeline 400</b>	26	15	20	146	52	26	285	30.5m
<b>Engine 500</b>	15	5	7	7	748	12	794	20.5m
<b>Squad 500</b>	70	18	47	29	753	124	1041	28.0m
<b>Ladder 100</b>	229	355	42	39	223	278	1166	21.0m
<b>Ladder 200</b>	35	258	3	4	17	40	357	25.0m
<b>Ladder 400</b>	35	79	60	136	76	124	510	29.2m
<b>Tower 500</b>	93	61	31	43	208	128	564	29.8m
<b>Rescue 300</b>	177	275	156	66	204	174	1052	26.1m

Denotes First Due District

The chart above represents all major apparatus in the Department. It is grouped by engines (pumping capacity at least 1500 GPM), then aerial devices followed by a heavy rescue. A review of the data and incident numbers for the past five years has indicated the apparatus with higher incident counts and times in service can be attributed to first out apparatus on mutual aid and concentration-based incidents where that apparatus is on scene versus the second due apparatus reducing speed or recalling on a large majority of the calls. Understanding that all four of five stations house two engines, the second out apparatus will have a substantial decrease in time and incidents (e.g. Station 500 has two engines, Engine 500 and Squad 500. The Squad is a first due or out, apparatus while the Engine responds second or third to incidents). Whereas the first due engines in the districts have increased times on scene. Times in service over the past five years are indicated in the below chart. Maintenance and training times are negligible as the Department operates its own training facility centrally located that units may respond from. All five companies perform in-house maintenance and inspection on their apparatus reducing any down or out of service time.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

**Table 26 Time in Service/Hours**

Time in Service/Hours (Percent Available)						
	2018	2019	2020	2021	2022	TOTAL
Squad 100	70.29 (99.20%)	82.84 (99.05%)	105.98 (98.79%)	98.02 (98.88%)	110.54 (98.74%)	467.67 (94.66%)
Squirt 100	69.15 (99.21%)	72.91 (99.17%)	30.92 (99.65%)	13.64 (99.84%)	21.41 (99.76%)	208.03 (97.63)%
Engine 200	92.46 (99.84%)	27.91 (99.68%)	5.18 (99.94%)	35.41 (99.60%)	28.23 (99.68%)	189.19 (97.84%)
Squad 200	61.39 (99.30%)	112.01 (98.72%)	123.37 (98.59%)	146.86 (98.32%)	148.21 (98.31%)	591.84 (93.24%)
Engine 302	118.71 (98.64%)	168.19 (98.08%)	113.09 (98.71%)	131.68 (98.50%)	88.11 (98.99%)	619.78 (92.92%)
Engine 300	15.59 (99.82%)	25.87 (99.70%)	17.49 (99.80%)	25.02 (99.71%)	62.87 (99.28%)	146.84 (98.32%)
Engine 400	42.95 (99.51%)	79.22 (99.10%)	45.07 (99.49%)	73.12 (99.17%)	55.09 (99.37%)	295.45 (96.63%)
Pipeline 400	51.91 (99.41%)	45.45 (99.48%)	16.28 (99.81%)	14.39 (99.84%)	18.01 (99.79%)	146.04 (98.33%)
Engine 500	67.15 (99.23%)	61.79 (99.29%)	48.60 (99.45%)	40.81 (99.53%)	53.27 (99.39%)	271.62 (96.90%)
Squad 500	85.19 (99.03%)	96.86 (98.89%)	90.83 (98.96%)	114.07 (98.70%)	97.37 (98.89%)	484.32 (94.47%)
Ladder 100	94.14 (98.93%)	88.42 (98.99%)	71.50 (99.18%)	53.11 (99.39%)	100.03 (98.86%)	407.20 (95.35%)
Ladder 200	44.55 (99.49%)	40.21 (99.54%)	41.67 (99.52%)	1.03 (99.99%)	21.58 (99.75%)	149.04 (98.30%)
Ladder 400	49.59 (99.41%)	76.54 (99.10%)	30.22 (99.64%)	47.11 (99.44%)	17.56 (99.79%)	221.02 (97.39%)
Tower 500	43.74 (99.50%)	62.93 (99.28%)	52.65 (99.40%)	57.73 (99.34%)	63.29 (99.28%)	280.34 (96.80%)
Rescue 300	99.56 (98.86%)	95.21 (98.91%)	65.85 (99.25%)	132.83 (98.48%)	64.43 (99.26%)	457.88 (94.77%)

A review of the overlapping incidents for the past five years indicated an increasing trend for overlapping incidents. This is most likely due to storm related calls as the department tends to see spikes in storm calls in the late Spring and Summer each year due, particularly in Station 200 and Station 500's districts which are particularly prone to storm incidents due to large amounts of wooded areas in Station 200's local, and the dense population of Station 500's local. All calls were handled expeditiously, utilizing units from the other ATFD stations, as well as automatic/mutual aid. The chart below indicates the total overlapping incidents township wide with the individual stations representing the amount of first due or distribution incidents overlapping for the same period.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

**Table 27 Overlapping Incidents**

OVERLAPPING INCIDENTS						
	2018	2019	2020	2021	2022	Total
Station 100	18	5	17	26	20	86
Station 200	28	24	37	33	31	153
Station 300	1	5	13	15	16	50
Station 400	3	1	1	0	2	7
Station 500	13	16	18	25	28	100
Township Wide	63	51	86	99	97	396

A major portion of the Department's reliability relies on the availability of the volunteer workforce to respond. A review of the data over the last five years indicates that on average thirteen volunteers responded to every incident the department was dispatched to. This number does not include the members of all automatic/mutual aid companies, since some attendance records cannot be captured at this time. The department recently changed vendors for the Records Management System, which is compatible with our mutual aid companies and will be able to retrieve staffing statistics from those companies in the future. Below is a snapshot of attendance at medium risk structure fires over the past five years, excluding those from automatic/mutual aid companies. As can be observed through the data, the Department has the capability to staff an effective response force on structure fires within the township, as well as maintain a ready force on standby for concurrent incidents.

**Table 28 Staffing - Building Fires**

Staffing - Building Fires				
YEAR	Incidents	On Scene	On Standby	Total
2018	12	634	232	866
2019	32	1,158	403	1,561
2020	22	758	341	1,099
2021	17	740	279	1,019
2022	14	496	200	696
Total	97	3,786	1,455	5,241
Staffing Building Fires average per call				
2018		53	17	70
2019		36	13	49
2020		34	16	50
2021		44	16	60
2022		35	14	49

### **Comparability Factors**

The Fire Department's service area is largely developed with an average population density of more than 2,000 per square mile, with the total jurisdiction falling within the urban (2,000 to 3,000 people per square mile) population classifications as defined by NFPA 1720



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

(specified as > 1000 per square mile). Alarm Handling times are provided to the Fire Department by the Montgomery County Emergency Dispatch Center (MCEDC) which has been CALEA certified. Documentation is available through the MCEDC.

### **Baseline Performance Tables**

**Table 29 Baseline Performance - Structure Fires (Medium Risk) - 90th Percentile Times**

<b>Moderate Fire Suppression - 90th Percentile Times - Baseline Performance</b>			<b>2018 - 2022</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
<b>Alarm Handling</b>	Pick-up to Dispatch	Urban	1:06	0:51	0:46	1:04	1:06	1:12
<b>Turnout Time</b>	Turnout Time 1st Unit	Urban	5:12	4:41	5:12	4:04	5:19	3:38
<b>Travel Time</b>	Travel Time 1st Unit Distribution	Urban	4:15	3:49	2:27	3:50	4:15	4:17
	Travel Time ERF Concentration	Urban	6:56	7:50	6:56	6:07	5:09	5:07
<b>Total Response Time</b>	Total Response Time 1st Unit on Scene Distribution	Urban	7:54	6:56	7:53	7:54	7:13	7:55
			89	12	21	15	28	13
	Total Response Time ERF Concentration	Urban	10:13	9:55	10:58	10:13	9:58	10:05
			89	12	21	15	28	13

The Fire Department has not responded to any high or special risk structure fires in the past five years. All response data reflected in the above chart is in response to medium risk structures. Baseline data for 2018-2022 show that the Fire Department is meeting its benchmark of 11 minutes for arrival of the ERF for fire suppression in medium risk structures. The department has not been as successful in meeting the 7-minute benchmark for arrival of the first apparatus over this five-year period. While the first arriving apparatus is crucial to the success of most fire operations, the department focuses more upon the total ERF time as the first arriving times can vary significantly from year to year due to the fact that members must first leave their homes or places of work to go to the station in order to respond on the apparatus in the event of an incident. This can cause significant variations in the arrival times of the first arriving apparatus due to a variety of factors, including day of the week, time of the day, geographic location of the fire or even the weather. The reason that the total response time of the ERF is not as affected by these variables is the fact that the department dispatches multiple apparatus from multiple stations simultaneously, so most apparatus hit the road within approximately the same amount of time. The Fire Department

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

has not had a technical rescue or hazardous material incident in the past year. All data and response time analysis are based on suppression activities. The First Arrival and ERF times currently only count ATFD members and do not include headcounts from mutual aid companies. The ATFD changed RMS vendors in 2022 to Emergency Reporting from the legacy Firehouse Software system, which was being end-of-lived by the vendor. While transitioning RMS's is always stressful, one of the major advantages of transitioning to Emergency Reporting has been that it will allow us to capture response data and statistics from our mutual aid partners and therefore allow the department to make more informed decisions with regard to updating response procedures if needed.

In accordance with NFPA 1720, Response time begins upon completion of the dispatch notification and ends at the time interval shown above.

**Table 30 Baseline Performance - Fire Suppression Non-Structure (Low Risk) - 90th Percentile Times**

<b>Fire Suppression Non-Structure - 90th Percentile Times - Baseline Performance</b>		<b>2018 - 2022</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Alarm Handling</b>	Pick-up to Dispatch	2:13	2:13	2:03	1:32	2:17	0:56
<b>Total Response Time</b>	Total Response Time 1st Unit On Scene <b>Distribution</b>	10:14	10:41	9:36	8:02	9:15	10:14
	Total Response Time ERF <b>Concentration</b>	10:13	7:21	8:47	10:58	10:13	9:53

Fire Suppression Non-Structure includes all low-risk fire responses. This includes vehicle fire, brush, woods, trash, dumpsters, electrical outside and other. On all low-risk suppression incidents the Fire Company first due in the District will be dispatched as a whole. Depending on the type of incident, either engine from the company may respond first due as assigned by the Fire Company based on equipment carried on the apparatus. All engines in the Fire Department are NFPA compliant and capable of responding first due on suppression incidents. However, each may carry additional or specific equipment based on the needs of the District served. As an example, Pipeline 400 with the Edge Hill Fire Company is a 1500 GPM pumper with the capability of first due response to structures but has the capability of extended five-inch hose deployment for water supply and has booster and forestry hose lines for use on brush/field fires and may be first due for trash and dumpsters.

## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

**Table 31 Baseline Performance - Rescue - 90th Percentile Times**

<b>Rescue - 90th Percentile Times - Baseline Performance</b>		<b>2018 - 2022 (13)</b>	<b>2018 (3)</b>	<b>2019 (2)</b>	<b>2020 (1)</b>	<b>2021 (2)</b>	<b>2022 (5)</b>
<b>Alarm Handling</b>	Pick-up to Dispatch	0:00:30	0:00:30	0:00:25	0:00:21	0:00:20	0:00:38
<b>Turnout Time</b>	Turnout Time 1st Unit	0:04:37	0:04:37	0:03:50	0:00:33	0:05:26	0:04:14
<b>Travel Time</b>	Travel Time 1st Unit <b>Distribution</b>	0:04:37	0:04:37	0:03:15	0:03:25	0:03:44	0:03:10
	Travel Time ERF <b>Concentration</b>	0:05:28	0:05:40	0:05:28	0:05:26	0:05:03	0:04:21
<b>Total Response Time</b>	Total Response Time 1st Unit On Scene <b>Distribution</b>	0:08:26	0:08:26	0:07:05	0:03:58	0:08:50	0:06:20
	Total Response Time ERF <b>Concentration</b>	0:09:29	0:09:42	0:07:09	0:07:29	0:09:29	0:07:39

The above chart illustrates the baseline performance of units in response to rescue incidents throughout the township. For this period, the department did not respond to high or special risk rescue incidents. All of the above data is derived from low-medium risk level incidents consisting of vehicle, elevator extrications and flood evacuation. The department did not have any high/special risk rescues over the past five years. The data is compiled for the Fire Department resources only and does not include any Automatic/Mutual aid resource information due to incompatible Records Management Systems.



## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

**Table 32 Baseline Performance - Hazardous Materials - 90th Percentile Times**

<b>Hazardous Materials - 90th Percentile Times - Baseline Performance</b>		<b>2018 - 2022 (15)</b>	<b>2018 (3)</b>	<b>2019 (1)</b>	<b>2020 (1)</b>	<b>2021 (7)</b>	<b>2022 (3)</b>
<b>Alarm Handling</b>	Pick-up to Dispatch	1.28	1:21	2.14	0:27	1:28	0:11
<b>Turnout Time</b>	Turnout Time 1st Unit	5.44	3:25	2.16	2:46	5.44	5.55
<b>Travel Time</b>	Travel Time 1st Unit <b>Distribution</b>	4.11	3:47	4.47	1.14	3.53	4.11
	Travel Time ERF <b>Concentration</b>	4.11	4:30	2.30	1.30	3.09	4.11
<b>Total Response Time</b>	Total Response Time 1st Unit On Scene <b>Distribution</b>	8.02	6:36	4.47	4.00	8.50	8.02
	Total Response Time ERF <b>Concentration</b>	9.36	10:23	8:04	5.44	9.36	8.02

( ) number of incidents evaluated

The 90<sup>th</sup> percentile for hazardous materials response is based upon low-risk responses, predominately to fluids on the roadway and one medium heating oil spill in a single-family dwelling. The department has not responded to a high-risk hazardous material incident in the past five years. Fire Department response to hazardous materials incidents is at the operations level. For more involved incidents, the Fire Department relies on aid provided through the Montgomery County Hazardous Materials Response Team, which is stationed less than two miles from Abington Township in neighboring Upper Dublin Township.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **F. Performance Objectives and Measurement**

#### **Performance Objectives – Benchmarks**

##### **All Programs**

##### **Call Processing Performance Objective**

The ATFD is dispatched by the Montgomery County Department of Public Safety, which acts as the PSAP and dispatches all fire, EMS and police emergencies in Montgomery County Pennsylvania. As such, the ATFD does not have any operational authority over the policies and procedures used by MCDPS with regard to call handling times. That said, the MCDPS is a CALEA accredited agency that meets a goal of dispatching calls for service within 1 minute of pickup 90% of the time.

##### **Turnout Times**

It should be noted that turnout times for the ATFD are longer than other agencies of similar size, serving similar size municipalities. This is due to the fact that as an all-volunteer department, our members must leave their homes and jobs and drive to the station in order to get on the responding apparatus. The department makes up for the relatively long turnout time due to the relatively short driving distances from any of the fire stations to any given geographic point in the township.

##### **Fire Suppression Services Program**

For 90 percent of all low, medium, high and special risk fires, the total response time for the arrival of the first-due unit, staffed with 4 firefighters, shall be: 7 minutes and 0 seconds in urban areas. The first due unit for all risk levels shall be capable of: providing 500 gallons of water and 1,500 gallons per minute (GPM) pumping capacity; initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 GPM; establishing an uninterrupted water supply; containing the fire; rescuing at-risk victims. These operations shall be done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

For 90 percent of all medium, high and special risk fires, the total response time for the arrival of the Effective Response Force (ERF), staffed with 15 firefighters and officers for medium risk and 21 firefighters and officers for high and special risks, shall be: 11 minutes and 0 seconds in urban areas. The ERF for medium risk shall be capable of: establishing command; providing an uninterrupted water supply; advancing an attack line and a backup line for fire control; complying with the Occupational Safety and Health Administration (OSHA) requirements of two in-two out; completing forcible entry; searching and rescuing at-risk victims; ventilating the structure; controlling utilities; and performing salvage and overhaul. The ERF for high and special risk structure fires shall also be capable of placing elevated streams into service from aerial ladders. These operations shall be done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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### **Emergency Medical Services Program**

The Township of Abington contracts with the Second Alarmers Rescue Squad of Willow Grove to provide all Emergency Medical Services (EMS) within the Township. The Fire Department does not operate an EMS response vehicle. All members of the Fire Department are trained and certified in 1<sup>st</sup> Aid and CPR and the use of automated external defibrillators (AEDs). The Fire Department may be called upon from time to time to assist EMS crews with lifting, extrication and/or packaging of a patient for various reasons by request of the EMS Supervisor.

### **Hazardous Materials Services Program**

For 90 percent of all low, medium, high and special risk hazardous materials incidents, the total response time for the arrival of the first-due unit, staffed with 4 firefighters, shall be: 7 minutes and 0 seconds in urban areas. The first due unit for all risk levels shall be capable of: providing 500 gallons of water and 1,500 gallons per minute (GPM) pumping capacity; initiating command; requesting additional resources; establishing site security and identification of hazardous materials; containing the material; rescuing at-risk victims; and performing emergency decontamination. These operations shall be done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

For 90 percent of all medium, high and special hazardous materials incidents, the total response time for the arrival of the Effective Response Force (ERF), staffed with 9 firefighters and officers for medium risk and 13 firefighters and officers for high and special risks, shall be: 11 minutes and 0 seconds in urban areas. The ERF for medium risk shall be capable of: establishing command; providing an uninterrupted water supply; establishing decontamination; complying with the Occupational Safety and Health Administration (OSHA) requirements of two in-two out; completing forcible entry; searching and rescuing at-risk victims; establishing; controlling utilities; and performing control and containment. These operations shall be done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

### **Rescue Services Program**

For 90 percent of all low, medium, high and special risk rescue incidents, the total response time for the arrival of the first-due unit, staffed with 4 firefighters, shall be: 7 minutes and 0 seconds in urban areas. The first due unit for all risk levels shall be capable of: providing 500 gallons of water and 1,500 gallons per minute (GPM) pumping capacity; initiating command; requesting additional resources; establishing site safety and stabilization. These operations shall be done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

For 90 percent of all medium, high and special risk rescue incidents, the total response time for the arrival of the Effective Response Force (ERF), staffed with 12 firefighters and officers for medium risk and 22 firefighters and officers for high and special risks, shall be: 11 minutes and 0 seconds in urban areas. The ERF for medium risk shall be capable of: establishing command; providing an uninterrupted water supply for fire control; complying with the Occupational Safety and Health Administration (OSHA) requirements of two in-two

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out; completing forcible entry; searching and rescuing at-risk victims; controlling utilities; establishing site security, safety and control. The ERF for high and special risk rescues shall also be capable of placing advanced rescue systems into service. These operations shall be done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

**In summary, the department benchmark objectives are as follows:**

**Table 33 Benchmark Objectives**

Measured at the 90 <sup>th</sup> Percentile		Suppression	EMS	Haz-Mat	Tech Rescue	Other
<b>Total Response Time</b>	Total Response Time 1st Due	7:00	N/A	7:00	7:00	7:00
	Total Response Time ERF	11 minutes	N/A	11 minutes	11 minutes	11 minutes

### **Performance Objectives – Baselines**

#### **Fire Suppression Services Program**

For 90 percent of all medium risk fires, the total response time for the arrival of the first-due unit, staffed with 4 firefighters, has been: 7 minutes and 54 seconds in urban areas. For low-risk fires, the total response time for the arrival of the first-due unit, staffed with 4 firefighters as been 10 minutes and 13 seconds. During the past five years, the department has not had any high/special risk fires. The first due unit for all risk levels have been capable of: providing 500 gallons of water and 1,500 gallons per minute (GPM) pumping capacity; initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 GPM; establishing an uninterrupted water supply; containing the fire; rescuing at-risk victims; and performing salvage operations. These operations shall be done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

For 90 percent of all medium, and special risk fires, the total response time for the arrival of the Effective Response Force (ERF), staffed with 15 firefighters and officers for medium risk, has been: 10 minutes and 13 seconds. The ERF for medium risk shall be capable of: establishing command; providing an uninterrupted water supply; advancing an attack line and a backup line for fire control; complying with the Occupational Safety and Health Administration (OSHA) requirements of two in-two out; completing forcible entry; searching and rescuing at-risk victims; ventilating the structure; controlling utilities; and performing salvage and overhaul.

#### **Emergency Medical Services Program**

The Township of Abington contracts with the Second Alarmers Rescue Squad of Willow Grove to provide all Emergency Medical Services (EMS) within the Township. The Fire Department does not operate an EMS response vehicle. All members of the Fire Department are trained and certified in 1<sup>st</sup> Aid and CPR and the use of automated external defibrillators

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(AEDs). The Fire Department may be called upon from time to time to assist EMS crews with lifting, extrication and or packaging of a patient for various reasons by request of the EMS Supervisor.

### **Hazardous Materials Services Program**

For 90 percent of all hazardous materials incidents, the total response time for the arrival of the first-due unit, staffed with 4 firefighters, has been: 8 minutes and 2 seconds in urban areas. The first due unit for all risk levels have been capable of: providing 500 gallons of water and 1,500 gallons per minute (GPM) pumping capacity; initiating command; requesting additional resources; establishing site security and identification of hazardous materials; containing the material; rescuing at-risk victims; and performing emergency decontamination. These operations have been done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

For 90 percent of all hazardous materials incidents, the total response time for the arrival of the Effective Response Force (ERF), staffed with 5 firefighters and officers for low risks, has been: 9 minutes and 36 seconds in urban areas. The ERF has been capable of: establishing command; providing an uninterrupted water supply; establishing decontamination; complying with the Occupational Safety and Health Administration (OSHA) requirements of two in-two out; completing forcible entry; searching and rescuing at-risk victims; establishing; controlling utilities; and performing control and containment. These operations have been done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

### **Rescue Services Program**

For 90 percent of all rescue incidents, the total response time for the arrival of the first-due unit, staffed with 5 firefighters, has been 8 minutes and 26 seconds in urban areas. The first due unit for all risk levels has been capable of: providing 500 gallons of water and 1,500 gallons per minute (GPM) pumping capacity; initiating command; requesting additional resources; establishing site safety and stabilization. These operations have been done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

For 90 percent of all rescue incidents, the total response time for the arrival of the Effective Response Force (ERF) has been: 9 minutes and 29 seconds in urban areas. The ERF has been capable of establishing command; providing an uninterrupted water supply for fire control; complying with the Occupational Safety and Health Administration (OSHA) requirements of two in-two out; completing forcible entry; searching and rescuing at-risk victims; controlling utilities; establishing site security, safety and control. These operations have been done in accordance with departmental Operational Guidelines while providing for the safety of responders and the general public.

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In summary, the department **baseline objective performance** has been as follows:

**Table 34 Baseline Objective Performance - Building Suppression Fires - 90th Percentile Times**

Building Suppression Fires - 90th Percentile Times		2018-2022	2018	2019	2020	2021	2022
<b>Total Response Time</b>	Total Response Time 1st Due	7:54	7:55	7:13	7:54	7:53	6:56
	Total Response Time ERF	10:13	10:05	9:58	10:13	10:58	9:55

**Table 35 Baseline Objective Performance - Haz-Mat - 90th Percentile Times**

Haz-Mat - 90th Percentile Times		2018-2022	2018	2019	2020	2021	2022
<b>Total Response Time</b>	Total Response Time 1st Due	8:02	6:36	4:47	4:00	8:50	8:02
	Total Response Time ERF	9:36	10:23	8:04	5:44	9:36	8:02

**Table 36 Baseline Objective Performance - Tech Rescue - 90th Percentile Times**

Tech Rescue - 90th Percentile Times		2018-2022	2018	2019	2020	2021	2022
<b>Total Response Time</b>	Total Response Time 1st Due	8:26	8:26	7:05	3:58	8:50	6:20
	Total Response Time ERF	9:29	9:42	7:09	7:29	9:29	7:39

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### **G. Compliance Methodology**

#### **Compliance Team / Responsibility**

To ensure the Fire Department is meeting current service level objectives, continuous monitoring of service level baselines must be conducted on a regular/monthly basis. The Compliance Team, made up of the Director of Fire & Emergency Management Services, all members of the Administrative Support Team and Fire Marshal's Office, utilizing data collected in the RMS, review service level baselines on both a monthly and annual basis. Included in the review shall be a summary of the results of the service level objectives, a comparison of current results to previous results and calculations of the difference in results between time periods.

In addition to the review of service level objectives, the Compliance Team will review the response demands within each zone and the identified risks within. The Compliance Team will determine if there have been any changes within a planning zone, changes to service demands or changes in standards or operations that impact the service level objectives or the Community Risk Analysis and Standards of Cover document. These reviews will be conducted on an annual basis, with needed adjustments to the apparatus deployment plans made as necessary based on the data.

To aid in the collection and presentation of this information, the Compliance Team will work as a group to assemble all required information and assist the Director of Fire & Emergency Management Services in the interpretation of data and considerations for improvement towards achieving established objectives and goals. The final report will be presented annually by the Director of Fire & Emergency Management Services to the Board of Commissioners by way of the Fire Board.

#### **Performance Evaluation and Compliance Strategy**

As previously discussed in Sections One and Two, the Fire Department provides fire and specialty services to include extrication, hazardous materials response, technical rescue and water rescue to the residents of the Township of Abington. The levels of service for each of the areas have also been clearly defined. As the number and types of incidents expand, the Fire Department will continue to review and develop new performance objectives and measures as needed.

Levels of risk have been clearly defined and corresponding risk categories have been assigned for the different levels of service provided. The Fire Department uses an extensive risk matrix, which considers occupancy risk and density, fire density, and response times to evaluate and categorize occupancy risks throughout the Township.

The Abington Township Fire Department, utilizing existing Certified Fire Inspectors, will continue to assess the fire risk of facilities in the township. A system utilizing needed fire flows, pre-planning models and other non-fire related activities will continue to be used and improved upon. Data is currently input, tracked, and analyzed through an Excel Spreadsheet specifically formatted for this purpose, but the department will be transitioning to utilizing a more standardized approach through the Records Management System over the next several years.



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In conjunction with this program, each planning zone will continually be evaluated utilizing RMS data, to establish a history of incidents in each area as well as specific locations. The Fire Department will maximize the planning zones with assignment of available resources. The Fire Department has developed and evaluates Apparatus Deployment Plans for first due and full complement response to incidents. All of these factors combined have provided a comprehensive and substantive approach to performance measurement and evaluation.

Various committees are established to review, modify or design programs to enhance the operational aspects of the Fire Department as it relates to safety, communications, training, and fire prevention. These committees meet on a regular basis to review performance and establish plans for future events and specific needs. Once needs are identified, the committees develop an action plan for implementation that includes but is not limited to written Operating Guidelines, training and full implementation in the field. Once developed, the action plans are reviewed and approved by the five fire chiefs. As illustrated below, the Fire Department will use the CFAI/CPSE model for compliance methodology as the avenue to provide continuous evaluation of the services provided to the community.



Figure 17 Compliance Methodology

### **Compliance Verification Reporting**

As recommended by CFAI, the department used distribution, concentration and reliability studies to comprehensively evaluate its response times over a five-year period. Jurisdictional, first arriving apparatus and Effective Response Force arrival were all included as part of the evaluation. The department will continue to monitor performance at these various levels and incident types.

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### **Constant Improvement Strategy**

As discussed in Section E., the Fire Department's analysis revealed both strengths and areas that need improvement, such as improving the response times of the first due apparatus. As a result, the Department will develop action plans to more accurately assess its performance. Although data collection was possible, much of it had to be completed by hand. The Department now has a better understanding of what information is necessary, and how to retrieve that information in a format that will provide more efficient reporting and analysis.

The Fire Department has identified areas for improvement in its data collection in the following areas: incident type identification, access to response time information and Effective Response Force documentation from mutual aid departments. Certain issues with incident type identification have already been addressed through training. Additionally, the department has identified that the response times of the first due apparatus are not consistently meeting the established benchmark of a 7-minute arrival time. The department will have to study this issue in detail in order to determine the best way to address it. This identified area of improvement is also addressed in the most recent update to the AFD Strategic Plan, where the first two of the six goals deal with improving staffing, recruitment and retention, which should have a positive affect on response times across the board.

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### H. Overall Evaluation and Conclusion Recommendations

#### Evaluation Methodology and Determinations

##### **Evaluation Methodology**

The Abington Township Fire Department continuously monitored service level baselines over a period of five years. A Compliance Team, made up of the Director of Fire & Emergency Management Services, all members of the Administrative Support Team and Fire Marshal's Office reviewed service level baselines on an annual basis. Included in the review was a summary of the results of the service level objectives, a comparison of current results to previous results and calculations of the difference in results between time periods. These results were presented annually in the CFAI Annual Compliance Reports.

In addition to the review of service level objectives, the Compliance Team reviewed the response demands within each zone and the identified risks within. The Compliance Team determined if there had been any changes within a planning zone, changes to service demands or changes in standards or operations that impacted the service level objectives or the Community Risk Analysis and Standards of Cover document. These reviews were conducted on an annual basis.

To aid in the collection and presentation of this information, the Compliance Team worked as a group to assemble all required information and assisted the Director of Fire & Emergency Management Services in the interpretation of data and considerations for improvement towards achieving established objectives and goals.

##### **Evaluation Determinations**

The Fire Department has implemented a program to meet local needs by developing service zones. Each response district is divided into geographically smaller service zones. This allows the Fire Department to analyze service areas in a much more focused manner. Risk and performance can then be evaluated on a response district basis as well as by individual service zones, in an effort to more accurately pinpoint areas where service delivery may be improved.

The Fire Department has developed a risk matrix which incorporates occupancy risk, occupancy density, fire density, and protection systems. These tools are then used to assist in building the Fire Department's response plan, and Apparatus Deployment Plans to ensure the appropriate resources are available for incident mitigation. Due to location and geography, the Department has assimilated to its surroundings by offering a variety of services to the community; to include fire suppression, and specialties in the following areas: water rescue, hazardous materials, technical rescue, and extrication. All types of emergency incidents have been critically tasked and built into the response plan to provide adequate resources for such incidents. The Department has attempted to provide equal protection through its distribution of resources and use of Automatic/Mutual Aid. Specialty apparatus and teams have been strategically positioned in the Township to best utilize their capabilities.

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### Performance Determinations

Over the past five-year period, the department has met its established benchmark for the total response time of the ERF, which is 15 firefighters within 11 minutes. The department has not met its established benchmark goals of a total response time of 7 minutes for the first arriving apparatus. This can be attributed, to a great degree, to the fact that members must respond from their homes or place of business to the firehouse for the apparatus to respond. The department is able to make up for the delayed response times with the total ERFs times due to the large number of volunteers members getting other apparatus on the road in quick succession, as well as the relatively short response distances from the fire stations. That said, the department will have to continue to monitor these statistics closely as well as explore other opportunities to improve upon response times across the board. This issue is addressed in the new ATFD Strategic Plan, updated in 2023, where two of the six goals involve improving staffing, recruitment and retention. (ATFD Strategic Plan, pp. 9-12)

**Table 37 Performance Determination - Building Suppression Fires - 90th Percentile Times**

Building Suppression Fires - 90th Percentile Times		2018-2022	2018	2019	2020	2021	2022
<b>Total Response Time</b>	Total Response Time 1st Due	7:54	7:55	7:13	7:54	7:53	6:56
	Total Response Time ERF	10:13	10:05	9:58	10:13	10:58	9:55

**Table 38 Performance Determination - Haz-Mat - 90th Percentile Times**

Haz-Mat - 90th Percentile Times		2018-2022	2018	2019	2020	2021	2022
<b>Total Response Time</b>	Total Response Time 1st Due	8:02	6:36	4:47	4:00	8:50	8:02
	Total Response Time ERF	9:36	10:23	8:04	5:44	9:36	8:02

**Table 39 Performance Determination - Tech Rescue - 90th Percentile Times**

Tech Rescue - 90th Percentile Times		2018-2022	2018	2019	2020	2021	2022
<b>Total Response Time</b>	Total Response Time 1st Due	8:26	8:26	7:05	3:58	8:50	6:20
	Total Response Time ERF	9:29	9:42	7:09	7:29	9:29	7:39

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### **Conclusions**

A team of members review and perform quality checks on every report entered into the records management system. Reports are gathered and produced on a monthly basis. Data is presented at each regularly scheduled Chief's meeting and provided to Township Administration and elected officials through a monthly report.

The Fire Department is currently operating in compliance with established Operational Guidelines and industry best practices. Guidelines are reviewed and approved on a regular basis and new guidelines are developed as conditions change or needs arise. There are guidelines established for each of the functional areas of the Fire Department including investigation, response operations, safety, communications, etc. All guidelines are in line with established county, state and national guidelines/standards.

Facilities and resources operated by the Fire Department are appropriate and well maintained. Apparatus operated by the five fire companies are well maintained and equipped. The apparatus meet the current NFPA requirements for equipment carried. Each of the five fire stations provides adequate space for the companies and are maintained. The Fire Training Facility is an outstanding resource which is constantly upgraded and improved to provide the most realistic training to the members.

A review and analysis of the RMS data indicates the Fire Department's response times are credible when compared to other volunteer organizations and surrounding municipalities of the same general size.

### **Recommendations**

The Fire Department has developed and evaluated various programs in an effort to address areas of improvement and to capitalize on organizational strengths. This is done as part of the monthly and annual reviews and reporting, Fire Board Meetings, and Chief's meetings, as well as through the Strategic Planning process which takes into account input from the community as well as from the members of the department to develop specific goals and objectives. Each recommendation has been based on the study of performance over the past five years and reviewed for its merit and operational feasibility. The recommendations have been selected and prioritized based on recognized needs and financial practicality.

In 2022, the department transitioned from its legacy records management system, Firehouse Software, to Emergency Reporting. The Department made the transition due to the fact that the vendor indicated that they were end-of-lifing Firehouse Software and would no longer be supporting it. The ATFD had been using Firehouse Software for approximately 15 years prior to the transition, so it was not a transition that was taken lightly. Emergency Reporting was ultimately chosen due to it being the dominant RMS used in the local area as well as the fact that it had a more user-friendly interface. One great improvement in using Emergency Reporting is that the department can now begin capturing some of the staffing and response data from our mutual aid companies, all of whom also use Emergency Reporting. Going forward, this will allow the department to more accurately calculate first arriving and ERF arrival times for incidents, which will more accurately depict the level of service provided by the department by way of township companies and mutual aid. One deficiency that we have found with this RMS, which the department had with the prior RMS, is that the reports

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available are not as robust as one would want, particularly when calculating 90<sup>th</sup> percentile data, which still has to be completed manually by spreadsheet.

The major issue that is on the horizon for all volunteer fire departments, but particularly large ones, such as the ATFD, is the decrease in volunteers joining the department, even as call volume rises. This has resulted in reliance on fewer members to handle increasing responsibilities. During the Strategic Planning process, staffing and response times were (understandably) the first two concerns and priorities of the residents who participated as community stakeholders. As a result, two of the six goals of the new Strategic Plan revolved around staffing, recruitment and retention:

- Goal 1: Increase and improve the active firefighting force to ensure adequate staffing for all responses.
- Goal 2: Maintain and improve the current membership levels through an enhanced recruitment and retention process that ensures adequate personnel to accomplish our mission.

This will be a priority of the department over not just the next five years, but indefinitely for the future to come. The department will have to work together with the members, the Township Administration and elected officials to implement creative solutions that will both meet the expectations of the community and the demands of a relatively large call volume while balancing the costs of new programs so that the community driven values, history and traditions of the department over the past century of service are not lost.



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### I. Appendices, Exhibits, and Attachments

- A. Incident Data Charts
  - 1. Five Year Incident History
  - 2. Incidents by Day of Week
  - 3. Incidents by Month
  - 4. Building Fires by District, Day of Week and Shift
  - 5. Building Fires by District
  - 6. Building Fires by District by Month
  - 7. Rescues by District – Five Years
  - 8. Hazardous Materials Incidents by District – Five Years
  
- B. A.T.F.D. Risk Assessment Planning Zones A1 – J6
  - 1. Fire Fatalities – 15 years
  - 2. Transportation – Railroad crossings
  - 3. Apparatus Deployment Plans Map
  
- C. A.T.F.D. Distribution – Concentration Maps
  - 1. Abington Fire Company
  - 2. McKinley Fire Company
  - 3. Weldon Fire Company
  - 4. Edge Hill Fire Company
  - 5. Roslyn Fire Company
  - 6. A.T.F.D. Concentration Service Area
  - 7. Automatic/Mutual Aid Concentration Service Area
  - 8. A.T.F.D. and Automatic/Mutual Aid Concentration Service Area
  - 9. Road Mileage
  - 10. Square Mileage

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### A. Incident Data Charts

DISTRICT 100 INCIDENT EXPERIENCE								
TYPE INCIDENT	2018	2019	2020	2021	2022	TOTAL	DISTRICT AVERAGE	TOTAL of Township AVERAGE
Fire	23	15	19	24	23	104	5.70%	12.02%
Overpressure/Explosion	1	0	0	0	0	1	0.05%	14.29%
Rescue	16	18	20	28	14	96	5.26%	22.22%
Hazardous Condition	60	60	62	70	52	304	16.67%	18.94%
Service Call	19	21	28	27	10	105	5.76%	18.10%
Good Intent	44	33	37	48	33	195	10.69%	16.06%
False alarm/call	238	177	205	188	202	1010	55.37%	26.56%
Severe Weather	1	0	4	3	1	9	0.49%	32.14%
Special	0	0	0	0	0	0	0.00%	0.00%
Total Incidents	402	324	375	388	335	1824	100.00%	21.37%

DISTRICT 200 INCIDENT EXPERIENCE								
TYPE INCIDENT	2018	2019	2020	2021	2022	TOTAL	DISTRICT AVERAGE	TOTAL of Township AVERAGE
Fire	22	24	25	22	31	124	5.77%	14.34%
Overpressure/Explosion	0	0	0	0	3	3	0.14%	42.86%
Rescue	13	16	17	44	31	121	5.63%	28.01%
Hazardous Condition	126	89	98	104	81	498	23.18%	31.03%
Service Call	27	18	31	36	24	136	6.33%	23.45%
Good Intent	30	33	36	48	39	186	8.66%	15.32%
False alarm/call	212	192	222	229	223	1078	50.19%	28.35%
Severe Weather	0	0	2	0	0	2	0.09%	7.14%
Special	0	0	0	0	0	0	0.00%	0.00%
Total Incidents	430	372	431	483	432	2148	100.00%	25.17%

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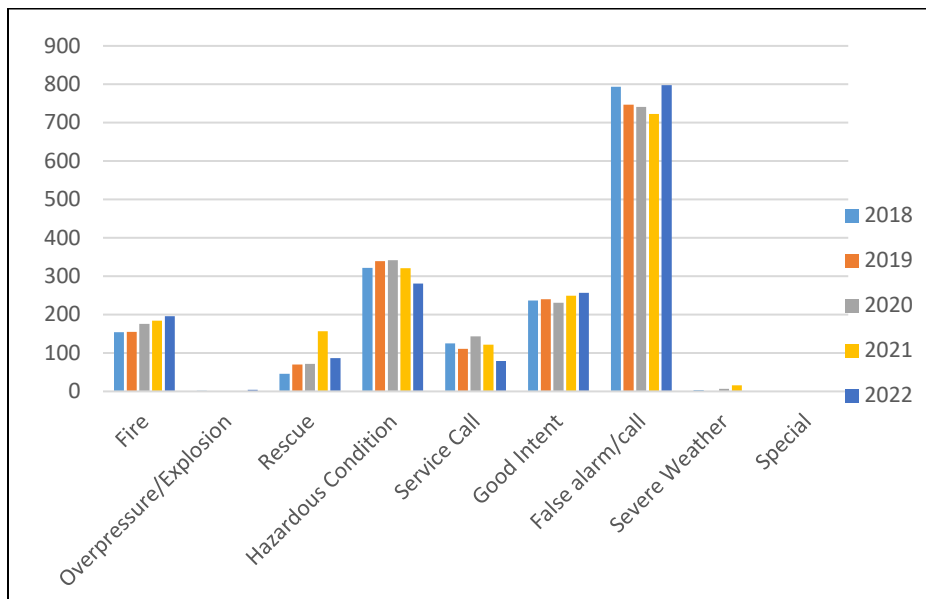
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DISTRICT 300 INCIDENT EXPERIENCE								
TYPE INCIDENT	2018	2019	2020	2021	2022	TOTAL	DISTRICT AVERAGE	TOTAL of Township AVERAGE
Fire	31	28	46	44	52	201	21.57%	23.24%
Overpressure/Explosion	0	0	0	0	0	0	0.00%	0.00%
Rescue	1	4	4	8	3	20	2.15%	4.63%
Hazardous Condition	36	49	44	19	28	176	18.88%	10.97%
Service Call	9	13	9	9	8	48	5.15%	8.28%
Good Intent	13	5	9	14	18	59	6.33%	4.86%
False alarm/call	82	104	65	79	93	423	45.39%	11.12%
Severe Weather	0	1	0	4	0	5	0.54%	17.86%
Special	0	0	0	0	0	0	0.00%	0.00%
Total Incidents	172	204	177	177	202	932	100.00%	10.92%
DISTRICT 400 INCIDENT EXPERIENCE								
TYPE INCIDENT	2018	2019	2020	2021	2022	TOTAL	DISTRICT AVERAGE	TOTAL of Township AVERAGE
Fire	14	9	11	14	10	58	12.89%	6.71%
Overpressure/Explosion	0	0	0	0	0	0	0.00%	0.00%
Rescue	2	7	4	5	6	24	5.33%	5.56%
Hazardous Condition	13	25	22	27	21	108	24.00%	6.73%
Service Call	16	7	12	7	4	46	10.22%	7.93%
Good Intent	3	4	6	5	11	29	6.44%	2.39%
False alarm/call	46	31	44	36	27	184	40.89%	4.84%
Severe Weather	1	0	0	0	0	1	0.22%	3.57%
Special	0	0	0	0	0	0	0.00%	0.00%
Total Incidents	95	83	99	94	79	450	100.00%	5.27%
DISTRICT 500 INCIDENT EXPERIENCE								
TYPE INCIDENT	2018	2019	2020	2021	2022	TOTAL	DISTRICT AVERAGE	TOTAL of Township AVERAGE
Fire	12	24	22	27	28	113	6.00%	13.06%
Overpressure/Explosion	1	0	0	1	1	3	0.16%	42.86%
Rescue	8	14	8	21	15	66	3.51%	15.28%
Hazardous Condition	64	72	85	67	60	348	18.49%	21.68%
Service Call	40	37	49	34	19	179	9.51%	30.86%
Good Intent	35	36	25	22	48	166	8.82%	13.67%
False alarm/call	198	221	186	171	225	1001	53.19%	26.32%
Severe Weather	1	0	1	4	0	6	0.32%	21.43%
Special	0	0	0	0	0	0	0.00%	0.00%
Total Incidents	359	404	376	347	396	1882	100.00%	22.05%

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TOWNSHIP WIDE INCIDENT EXPERIENCE						
TYPE INCIDENT	2018	2019	2020	2021	2022	TOTAL
Fire	154	155	176	184	196	865
Overpressure/Explosion	2	0	0	1	4	7
Rescue	46	70	72	157	87	432
Hazardous Condition	322	339	342	321	281	1605
Service Call	125	111	143	122	79	580
Good Intent	237	240	231	249	257	1214
False alarm/call	794	747	741	723	798	3803
Severe Weather	3	1	7	16	1	28
Special	0	0	0	0	0	0
<b>Total Incidents</b>	<b>1683</b>	<b>1663</b>	<b>1712</b>	<b>1773</b>	<b>1703</b>	<b>8534</b>



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

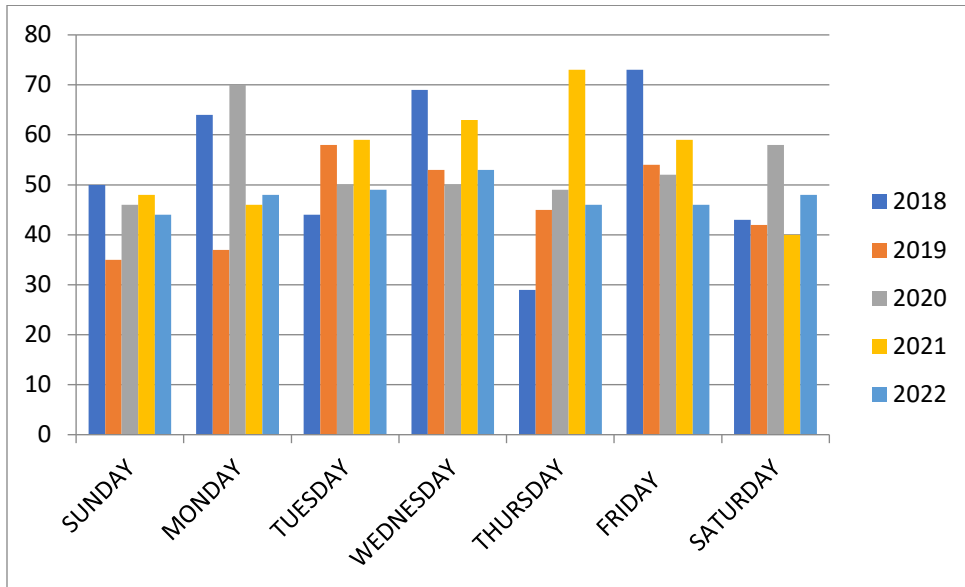
### DISTRICT 100 Incidents by Day of Week and Shift

		2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>		50	35	46	48	44	223
0600-1800		28	14	27	25	24	118
1800-0600		22	21	19	23	20	105
Not Identified							0
<b>MONDAY</b>		64	37	70	46	48	265
0600-1800		37	26	51	30	31	175
1800-0600		27	11	19	16	17	90
Not Identified							0
<b>TUESDAY</b>		44	58	50	59	49	260
0600-1800		29	37	32	44	37	179
1800-0600		18	21	18	15	12	84
Not Identified							0
<b>WEDNESDAY</b>		69	53	50	63	53	288
0600-1800		42	28	32	38	37	177
1800-0600		27	25	19	25	16	112
Not Identified							0
<b>THURSDAY</b>		59	45	49	73	46	272
0600-1800		39	36	32	41	28	176
1800-0600		20	9	17	32	18	96
Not Identified							0
<b>FRIDAY</b>		73	54	52	59	46	284
0600-1800		42	33	41	40	35	191
1800-0600		31	21	11	19	11	93
Not Identified							0
<b>SATURDAY</b>		43	42	58	40	48	231
0600-1800		31	24	30	26	31	142
1800-0600		12	18	28	14	17	89
Not Identified							0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

DISTRICT 100 Incidents by Day of Week							
		2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>		50	35	46	48	44	223
<b>MONDAY</b>		64	37	70	46	48	265
<b>TUESDAY</b>		44	58	50	59	49	260
<b>WEDNESDAY</b>		69	53	50	63	53	288
<b>THURSDAY</b>		29	45	49	73	46	242
<b>FRIDAY</b>		73	54	52	59	46	284
<b>SATURDAY</b>		43	42	58	40	48	231





**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

**DISTRICT 200 Incidents by Day of Week and Shift**

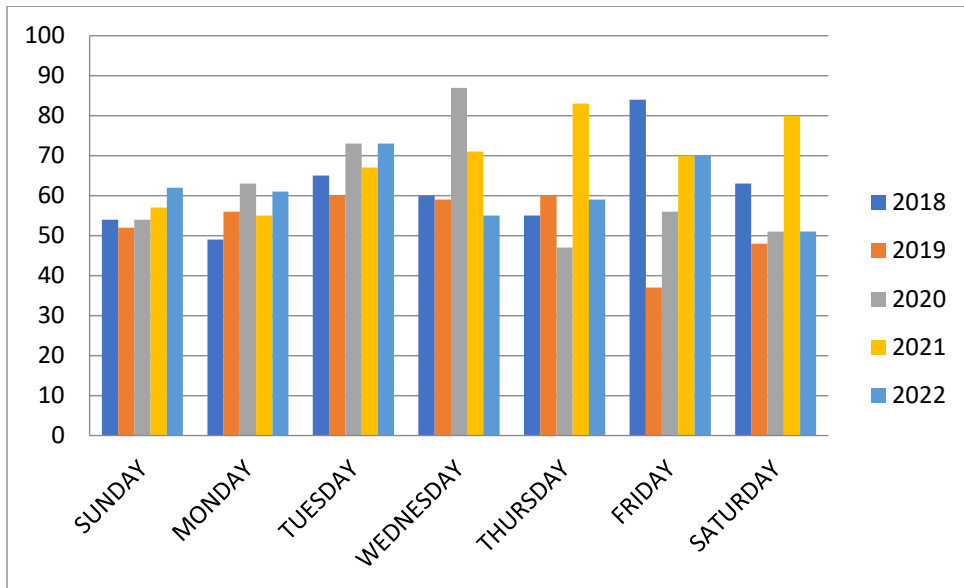
	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	54	52	54	57	62	279
0600-1800	36	26	30	34	38	164
1800-0600	18	26	24	23	24	115
Not Identified						0
<b>MONDAY</b>	49	56	63	55	61	284
0600-1800	33	33	49	33	42	190
1800-0600	16	23	14	22	19	94
Not Identified						0
<b>TUESDAY</b>	65	60	73	67	73	338
0600-1800	49	37	53	40	53	232
1800-0600	19	23	20	27	20	109
Not Identified						0
<b>WEDNESDAY</b>	60	59	87	71	55	332
0600-1800	40	40	55	45	41	221
1800-0600	20	19	32	26	14	111
Not Identified						0
<b>THURSDAY</b>	55	60	47	83	59	304
0600-1800	41	34	28	54	34	191
1800-0600	14	26	19	29	25	113
Not Identified						0
<b>FRIDAY</b>	84	37	56	70	70	317
0600-1800	58	27	33	51	49	36
1800-0600	26	10	23	19	21	33
Not Identified						0
<b>SATURDAY</b>	63	48	51	80	51	293
0600-1800	32	32	36	41	43	184
1800-0600	31	16	15	39	9	110
Not Identified						0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 200 Incidents by Day of Week

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	54	52	54	57	62	279
<b>MONDAY</b>	49	56	63	55	61	284
<b>TUESDAY</b>	65	60	73	67	73	338
<b>WEDNESDAY</b>	60	59	87	71	55	332
<b>THURSDAY</b>	55	60	47	83	59	304
<b>FRIDAY</b>	84	37	56	70	70	317
<b>SATURDAY</b>	63	48	51	80	51	293



**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

**DISTRICT 300 Incidents by Day of Week and Shift**

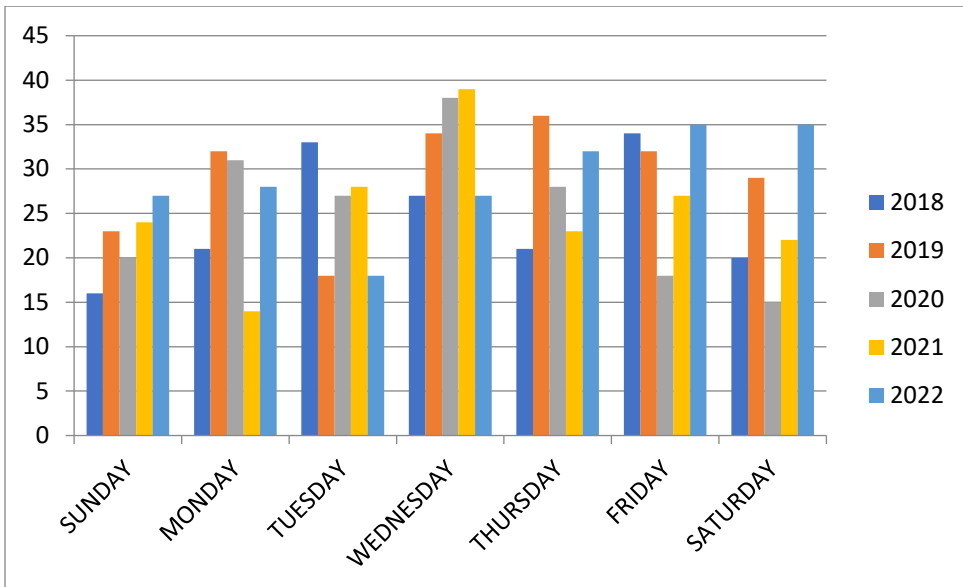
	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	16	23	20	24	27	110
0600-1800	11	15	12	15	14	67
1800-0600	5	8	8	9	13	43
Not Identified						0
<b>MONDAY</b>	21	32	31	14	28	126
0600-1800	17	23	21	7	12	80
1800-0600	4	9	10	7	16	46
Not Identified						0
<b>TUESDAY</b>	33	18	27	28	18	124
0600-1800	22	11	19	18	10	80
1800-0600	11	7	8	10	8	44
Not Identified						0
<b>WEDNESDAY</b>	27	34	38	39	27	165
0600-1800	18	19	25	22	15	99
1800-0600	9	15	13	17	12	66
Not Identified						0
<b>THURSDAY</b>	21	36	28	23	32	140
0600-1800	13	24	19	14	16	86
1800-0600	8	12	9	9	16	54
Not Identified						0
<b>FRIDAY</b>	34	32	18	27	35	146
0600-1800	22	22	15	16	18	93
1800-0600	12	10	3	11	17	53
Not Identified						0
<b>SATURDAY</b>	20	29	15	22	35	121
0600-1800	12	17	9	13	22	73
1800-0600	8	12	6	9	13	48
Not Identified						0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 300 Incidents by Day of Week

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	16	23	20	24	27	110
<b>MONDAY</b>	21	32	31	14	28	126
<b>TUESDAY</b>	33	18	27	28	18	124
<b>WEDNESDAY</b>	27	34	38	39	27	165
<b>THURSDAY</b>	21	36	28	23	32	140
<b>FRIDAY</b>	34	32	18	27	35	146
<b>SATURDAY</b>	20	29	15	22	35	121



**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

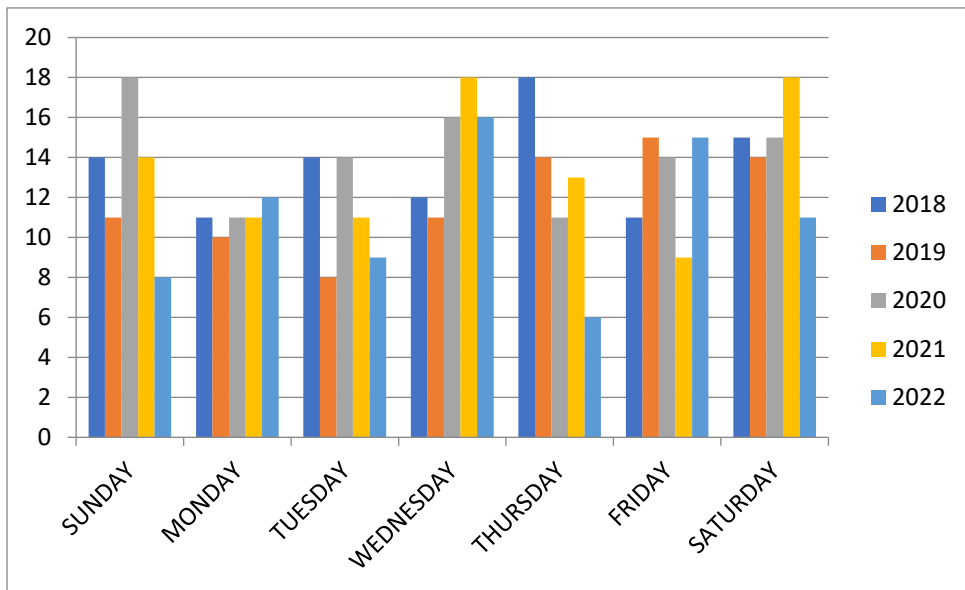
<b>DISTRICT 400 Incidents by Day of Week and Shift</b>							
		<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>SUNDAY</b>		14	11	18	14	8	65
0600-1800		6	8	13	7	5	39
1800-0600		8	3	5	7	3	26
Not Identified							0
<b>MONDAY</b>		11	10	11	11	12	55
0600-1800		7	4	7	5	6	29
1800-0600		4	6	3	6	6	25
Not Identified				1			1
<b>TUESDAY</b>		14	8	14	11	9	56
0600-1800		6	5	3	5	4	23
1800-0600		8	3	11	6	5	33
Not Identified							0
<b>WEDNESDAY</b>		12	11	16	18	16	73
0600-1800		3	8	10	11	7	39
1800-0600		9	3	6	7	9	34
Not Identified							0
<b>THURSDAY</b>		18	14	11	13	6	62
0600-1800		13	5	10	8	1	37
1800-0600		5	9	1	5	5	25
Not Identified							0
<b>FRIDAY</b>		11	15	14	9	15	64
0600-1800		9	10	5	4	8	36
1800-0600		2	5	9	5	7	28
Not Identified							0
<b>SATURDAY</b>		15	14	15	18	11	73
0600-1800		9	9	7	12	2	39
1800-0600		6	5	8	6	9	34
Not Identified							0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 400 Incidents by Day of Week

		2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>		14	11	18	14	8	65
<b>MONDAY</b>		11	10	11	11	12	55
<b>TUESDAY</b>		14	8	14	11	9	56
<b>WEDNESDAY</b>		12	11	16	18	16	73
<b>THURSDAY</b>		18	14	11	13	6	62
<b>FRIDAY</b>		11	15	14	9	15	64
<b>SATURDAY</b>		15	14	15	18	11	73





**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

**DISTRICT 500 Incidents by Day of Week and Shift**

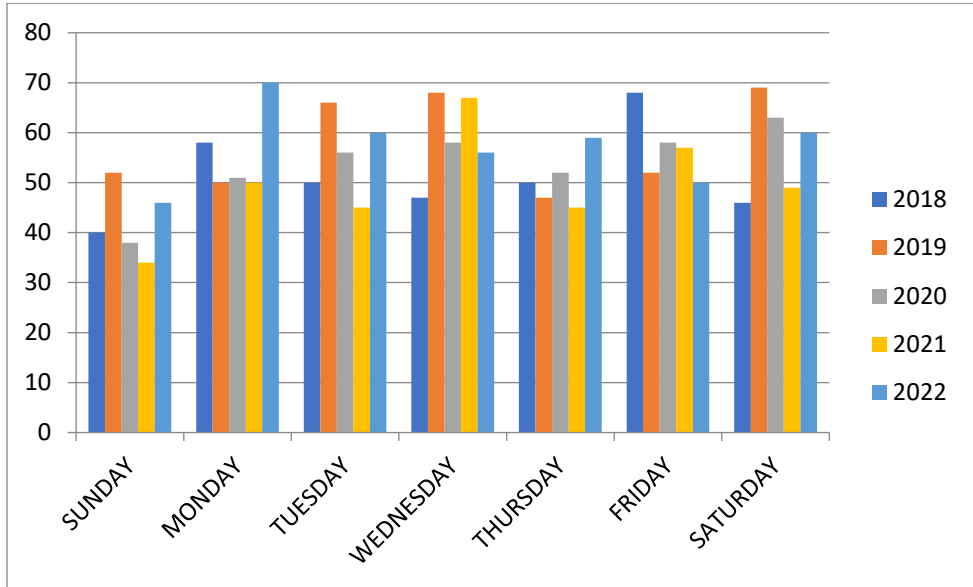
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>SUNDAY</b>	40	52	38	34	46	210
0600-1800	31	31	25	19	31	137
1800-0600	9	21	13	15	15	73
Not Identified						0
<b>MONDAY</b>	58	50	51	50	70	279
0600-1800	42	32	40	30	39	183
1800-0600	16	18	11	20	31	96
Not Identified						0
<b>TUESDAY</b>	50	66	56	45	60	277
0600-1800	37	46	42	27	39	191
1800-0600	13	20	14	19	21	87
Not Identified						0
<b>WEDNESDAY</b>	47	68	58	67	56	296
0600-1800	35	39	37	41	40	192
1800-0600	12	29	21	26	16	104
Not Identified						0
<b>THURSDAY</b>	50	47	52	45	59	253
0600-1800	33	28	31	28	32	152
1800-0600	17	19	21	17	22	96
Not Identified						0
<b>FRIDAY</b>	68	52	58	57	50	285
0600-1800	45	31	35	33	30	174
1800-0600	23	21	23	24	20	111
Not Identified						0
<b>SATURDAY</b>	46	69	63	49	60	287
0600-1800	26	43	32	29	33	163
1800-0600	20	26	31	20	27	124
Not Identified						0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 500 Incidents by Day of Week

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	40	52	38	34	46	210
<b>MONDAY</b>	58	50	51	50	70	279
<b>TUESDAY</b>	50	66	56	45	60	277
<b>WEDNESDAY</b>	47	68	58	67	56	296
<b>THURSDAY</b>	50	47	52	45	59	253
<b>FRIDAY</b>	68	52	58	57	50	285
<b>SATURDAY</b>	46	69	63	49	60	287



**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

**ATFD Incidents by Day of Week and Shift**

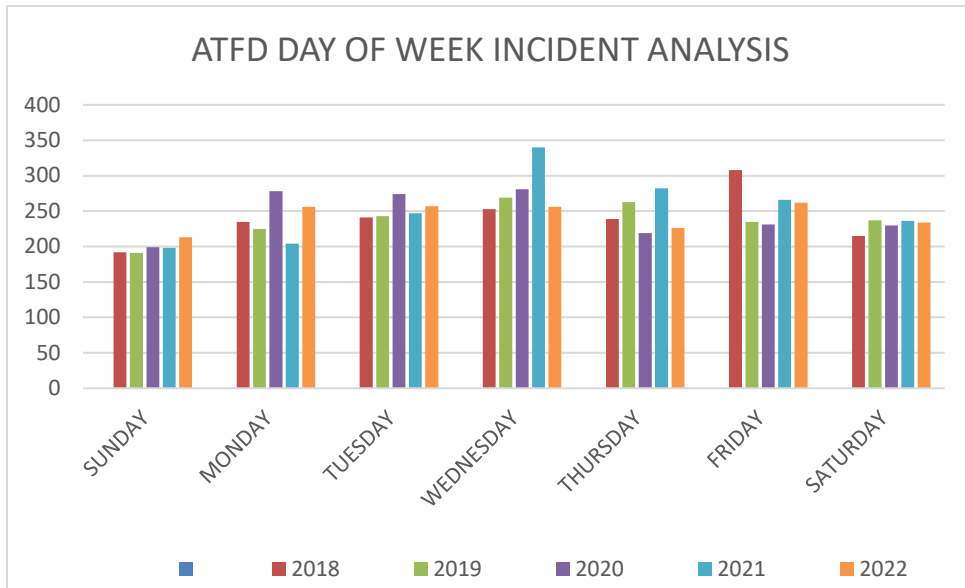
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>SUNDAY</b>	192	191	199	198	213	993
0600-1800	122	104	121	111	127	585
1800-0600	70	87	78	87	86	408
Not Identified						0
<b>MONDAY</b>	235	225	278	204	256	1198
0600-1800	153	143	209	128	156	789
1800-0600	81	82	67	76	100	406
Not Identified	1		2			3
<b>TUESDAY</b>	241	243	274	247	257	1262
0600-1800	166	160	189	159	178	852
1800-0600	74	83	85	88	79	409
Not Identified						0
<b>WEDNESDAY</b>	253	269	281	340	256	1399
0600-1800	164	159	176	192	178	869
1800-0600	89	109	102	148	78	526
Not Identified		1	3			4
<b>THURSDAY</b>	239	263	219	282	226	1229
0600-1800	165	169	132	177	133	776
1800-0600	74	93	87	105	93	452
Not Identified		1				1
<b>FRIDAY</b>	308	235	231	266	262	1302
0600-1800	206	154	158	179	168	865
1800-0600	101	81	78	85	94	439
Not Identified	1			2		3
<b>SATURDAY</b>	215	237	230	236	234	1152
0600-1800	128	145	123	136	146	678
1800-0600	87	92	105	100	88	472
Not Identified			2			2

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### ATFD Incidents by Day of Week

		2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>		192	191	199	198	213	993
<b>MONDAY</b>		235	225	278	204	256	1198
<b>TUESDAY</b>		241	243	274	247	257	1262
<b>WEDNESDAY</b>		253	269	281	340	256	1399
<b>THURSDAY</b>		239	263	219	282	226	1229
<b>FRIDAY</b>		308	235	231	266	262	1302
<b>SATURDAY</b>		215	237	230	236	234	1152



## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

<b>DISTRICT 100 Incidents by Month</b>							
		<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>		24	29	30	21	25	129
<b>February</b>		25	26	20	19	20	110
<b>March</b>		49	26	32	26	22	155
<b>April</b>		32	23	27	26	23	131
<b>May</b>		44	23	28	29	37	161
<b>June</b>		35	19	48	30	30	162
<b>July</b>		40	38	28	52	22	180
<b>August</b>		38	26	38	42	50	194
<b>September</b>		27	27	30	42	45	171
<b>October</b>		27	30	47	27	28	159
<b>November</b>		36	35	23	36	28	158
<b>December</b>		21	21	23	34	27	126

<b>DISTRICT 200 Incidents by Month</b>							
		<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>		39	22	21	37	30	149
<b>February</b>		26	25	22	22	30	125
<b>March</b>		67	29	29	27	34	186
<b>April</b>		31	33	34	40	36	174
<b>May</b>		35	26	27	38	40	166
<b>June</b>		32	32	54	36	23	177
<b>July</b>		35	32	53	76	33	229
<b>August</b>		35	38	51	49	39	212
<b>September</b>		28	23	34	50	34	169
<b>October</b>		38	39	35	40	45	197
<b>November</b>		33	37	32	32	46	180
<b>December</b>		31	23	39	30	40	163

**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

<b>DISTRICT 300 Incidents by Month</b>						
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>	19	21	13	11	22	86
<b>February</b>	11	14	10	13	16	64
<b>March</b>	14	9	14	14	16	67
<b>April</b>	9	11	10	15	26	71
<b>May</b>	20	17	11	17	16	81
<b>June</b>	18	17	29	12	15	91
<b>July</b>	12	23	8	21	15	79
<b>August</b>	17	21	25	16	14	93
<b>September</b>	12	18	21	20	17	88
<b>October</b>	13	19	17	16	24	89
<b>November</b>	17	18	9	8	13	65
<b>December</b>	10	16	11	15	9	61

<b>DISTRICT 400 Incidents by Month</b>						
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>	10	5	6	4	7	32
<b>February</b>	8	9	8	6	8	39
<b>March</b>	16	3	11	11	5	46
<b>April</b>	4	7	8	8	11	38
<b>May</b>	2	11	4	10	4	31
<b>June</b>	5	4	7	10	7	33
<b>July</b>	2	7	11	6	5	31
<b>August</b>	3	6	12	4	10	35
<b>September</b>	11	7	5	10	5	38
<b>October</b>	13	11	8	10	7	49
<b>November</b>	8	7	12	10	5	42
<b>December</b>	6	7	7	5	5	30

## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

<b>DISTRICT 500 Incidents by Month</b>							
		2018	2019	2020	2021	2022	Total
January		25	30	29	22	43	149
February		22	37	27	26	33	145
March		41	38	21	30	21	151
April		19	28	18	17	28	110
May		31	44	30	29	33	167
June		25	30	47	33	22	157
July		34	29	30	24	40	157
August		23	29	36	26	26	140
September		32	39	36	43	25	175
October		40	39	37	26	37	179
November		38	37	30	36	38	179
December		28	23	35	35	48	169

<b>Township Wide Incidents by Month</b>							
		2018	2019	2020	2021	2022	Total
January		118	107	99	95	127	546
February		94	111	87	87	108	487
March		187	105	107	108	98	605
April		97	103	97	106	124	527
May		135	131	100	125	131	622
June		116	102	185	121	97	621
July		125	129	130	183	115	682
August		116	120	162	138	115	651
September		111	114	126	166	128	645
October		131	138	144	119	141	673
November		132	128	106	122	130	618
December		96	99	115	119	129	558



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

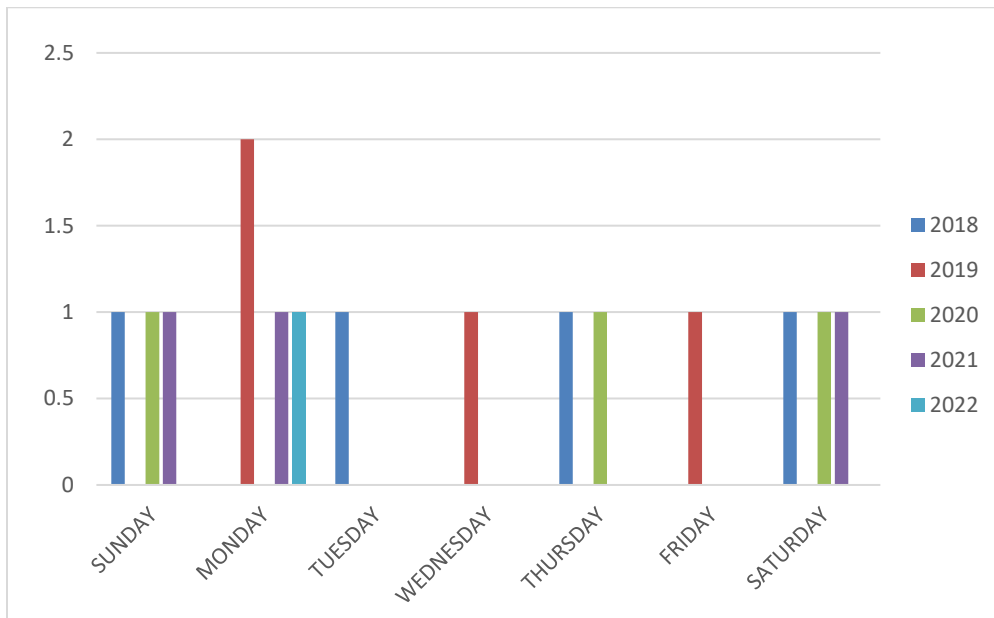
### DISTRICT 100 Bldg Fire by Day of Week and Shift

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>
0600-1800	1	0	1	0	0	2
1800-0600	0	0	0	1	0	1
Not Identified	0	0	0	0	0	0
<b>MONDAY</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>
0600-1800	0	2	0	0	0	2
1800-0600	0	0	0	1	1	2
Not Identified	0	0	0	0	0	0
<b>TUESDAY</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
0600-1800	1	0	0	0	0	1
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0
<b>WEDNESDAY</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
0600-1800	0	1	0	0	0	1
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0
<b>THURSDAY</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>
0600-1800	1	0	0	0	0	1
1800-0600	0	0	1	0	0	1
Not Identified	0	0	0	0	0	0
<b>FRIDAY</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
0600-1800	0	0	0	0	0	0
1800-0600	0	1	0	0	0	1
Not Identified	0	0	0	0	0	0
<b>SATURDAY</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>
0600-1800	1	0	0	1	0	2
1800-0600	0	0	1	0	0	1
Not Identified	0	0	0	0	0	0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

DISTRICT 100 Bldg Fire by Day of Week						
	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	1	0	1	1	0	3
<b>MONDAY</b>	0	2	0	1	1	4
<b>TUESDAY</b>	1	0	0	0	0	1
<b>WEDNESDAY</b>	0	1	0	0	0	1
<b>THURSDAY</b>	1	0	1	0	0	2
<b>FRIDAY</b>	0	1	0	0	0	1
<b>SATURDAY</b>	1	0	1	1	0	3



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 200 Bldg Fire by Day of Week and Shift

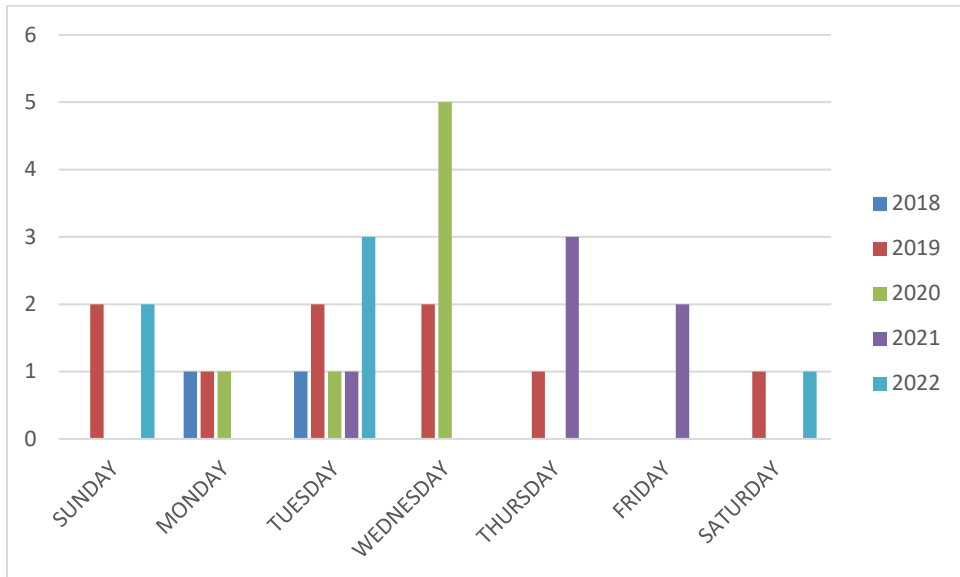
	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	0	2	0	0	2	4
0600-1800	0	2	0	0	0	2
1800-0600	0	0	0	0	2	2
Not Identified	0	0	0	0	0	0
<b>MONDAY</b>	1	1	1	0	0	3
0600-1800	1	0	1	0	0	2
1800-0600	0	1	0	0	0	1
Not Identified	0	0	0	0	0	0
<b>TUESDAY</b>	1	2	1	0	3	7
0600-1800	1	2	1	0	2	6
1800-0600	0	0	0	0	1	1
Not Identified	0	0	0	0	0	0
<b>WEDNESDAY</b>	0	2	5	1	0	8
0600-1800	0	2	5	1	0	8
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0
<b>THURSDAY</b>	0	1	0	3	0	4
0600-1800	0	0	0	2	0	2
1800-0600	0	1	0	1	0	2
Not Identified	0	0	0	0	0	0
<b>FRIDAY</b>	0	0	0	2	0	2
0600-1800	0	0	0	1	0	1
1800-0600	0	0	0	1	0	1
Not Identified	0	0	0	0	0	0
<b>SATURDAY</b>	0	1	0	0	1	2
0600-1800	0	0	0	0	1	1
1800-0600	0	1	0	0	0	1
Not Identified	0	0	0	0	0	0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 200 Bldg Fire by Day of Week

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	0	2	0	0	2	4
<b>MONDAY</b>	1	1	1	0	0	3
<b>TUESDAY</b>	1	2	1	1	3	7
<b>WEDNESDAY</b>	0	2	5	0	0	8
<b>THURSDAY</b>	0	1	0	3	0	4
<b>FRIDAY</b>	0	0	0	2	0	2
<b>SATURDAY</b>	0	1	0	0	1	2



**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

**DISTRICT 300 Bldg Fire by Day of Week and Shift**

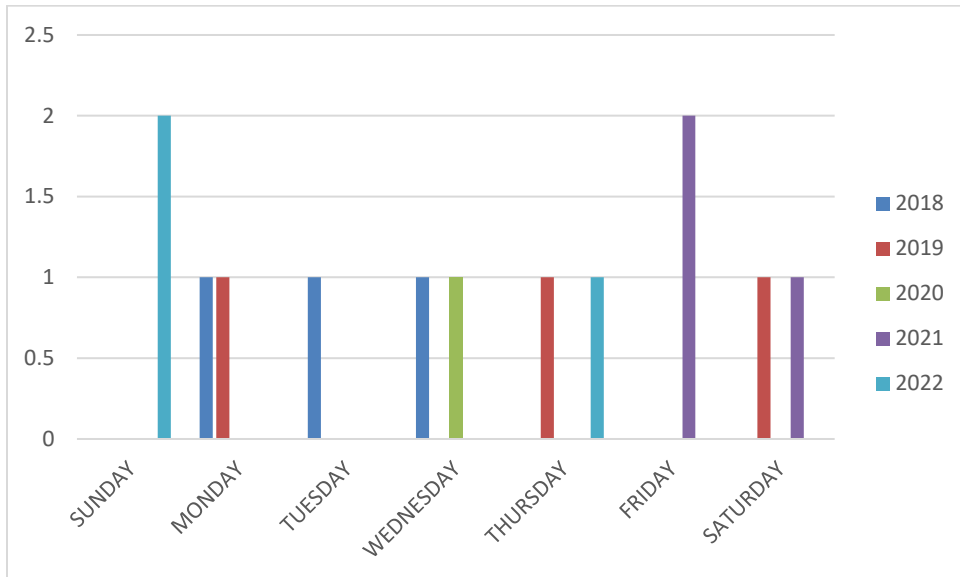
	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	0	0	0	0	2	2
0600-1800	0	0	0	0	1	1
1800-0600	0	0	0	0	1	1
Not Identified	0	0	0	0	0	0
<b>MONDAY</b>	1	1	0	0	0	2
0600-1800	1	1	0	0	0	2
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0
<b>TUESDAY</b>	1	0	0	0	0	1
0600-1800	1	0	0	0	0	1
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0
<b>WEDNESDAY</b>	1	0	1	0	0	2
0600-1800	1	0	0	0	0	1
1800-0600	0	0	1	0	0	1
Not Identified	0	0	0	0	0	0
<b>THURSDAY</b>	0	1	0	0	1	2
0600-1800	0	0	0	0	0	0
1800-0600	0	1	0	0	1	2
Not Identified	0	0	0	0	0	0
<b>FRIDAY</b>	0	0	0	2	0	2
0600-1800	0	0	0	1	0	1
1800-0600	0	0	0	1	0	1
Not Identified	0	0	0	0	0	0
<b>SATURDAY</b>	0	1	0	1	0	2
0600-1800	0	1	0	1	0	2
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 300 Bldg Fire by Day of Week

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	0	0	0	0	2	2
<b>MONDAY</b>	1	1	0	0	0	2
<b>TUESDAY</b>	1	0	0	0	0	1
<b>WEDNESDAY</b>	1	0	1	0	0	2
<b>THURSDAY</b>	0	1	0	0	1	2
<b>FRIDAY</b>	0	0	0	2	0	2
<b>SATURDAY</b>	0	1	0	1	0	2



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 400 Bldg Fire by Day of Week and Shift

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	2	0	2	1	0	5
0600-1800	1	0	2	1	0	4
1800-0600	1	0	0	0	0	1
Not Identified	0	0	0	0	0	0
<b>MONDAY</b>	0	0	1	0	0	1
0600-1800	0	0	0	0	0	0
1800-0600	0	0	1	0	0	1
Not Identified	0	0	0	0	0	0
<b>TUESDAY</b>	0	1	0	0	1	2
0600-1800	0	1	0	0	0	1
1800-0600	0	0	0	0	1	1
Not Identified	0	0	0	0	0	0
<b>WEDNESDAY</b>	0	1	1	0	0	2
0600-1800	0	1	1	0	0	2
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0
<b>THURSDAY</b>	0	1	0	1	0	2
0600-1800	0	0	0	0	0	0
1800-0600	0	1	0	1	0	2
Not Identified	0	0	0	0	0	0
<b>FRIDAY</b>	1	0	1	1	1	4
0600-1800	1	0	1	1	1	4
1800-0600	0	0	0	0	0	0
Not Identified	0	0	0	0	0	0
<b>SATURDAY</b>	0	2	1	1	1	5
0600-1800	0	2	1	1	0	4
1800-0600	0	0	0	0	1	1
Not Identified	0	0	0	0	0	0

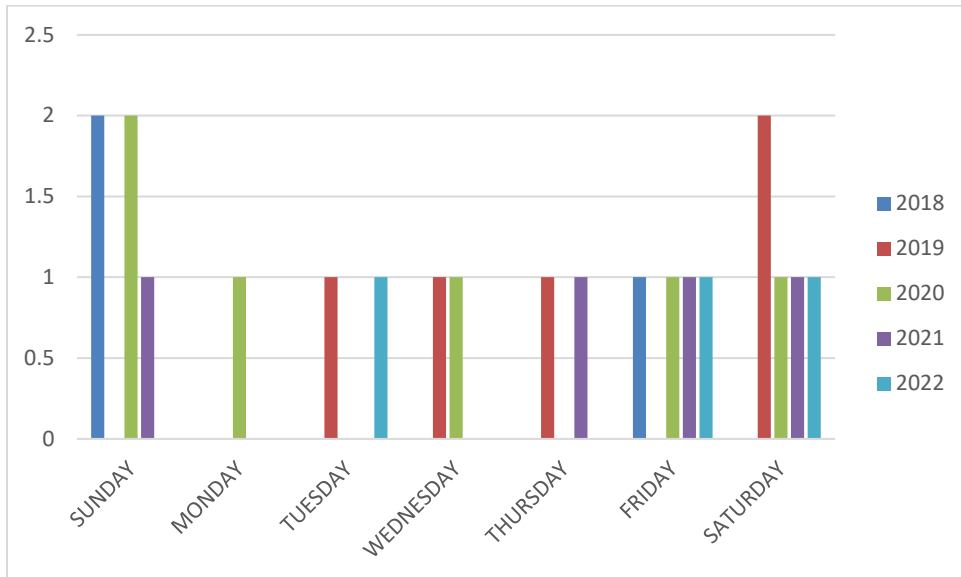


# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 400 Bldg Fire by Day of Week

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	2	0	2	1	0	5
<b>MONDAY</b>	0	0	1	0	0	1
<b>TUESDAY</b>	0	1	0	0	1	2
<b>WEDNESDAY</b>	0	1	1	0	0	2
<b>THURSDAY</b>	0	1	0	1	0	2
<b>FRIDAY</b>	1	0	1	1	1	4
<b>SATURDAY</b>	0	2	1	1	1	5



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### DISTRICT 500 Bldg Fire by Day of Week and Shift

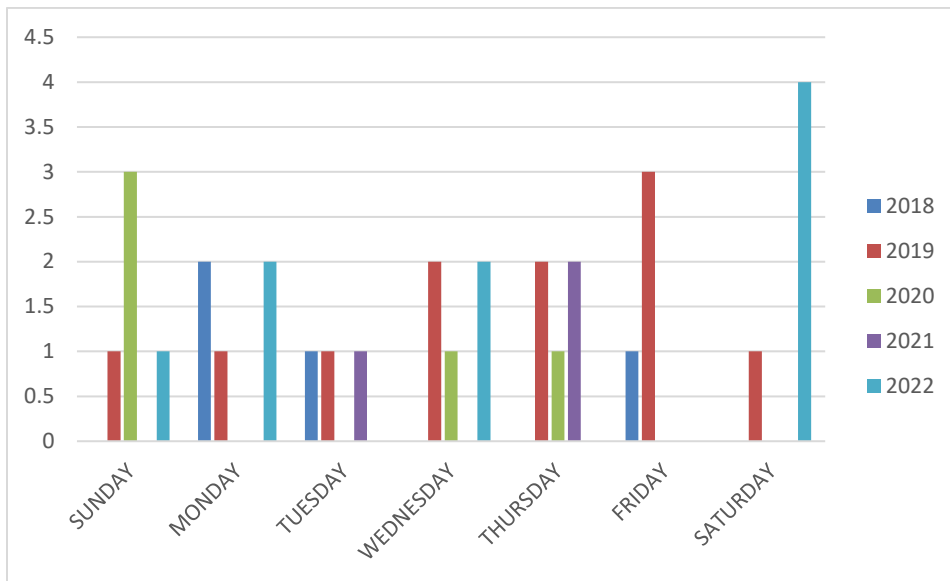
	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	0	1	3	0	1	5
0600-1800	0	0	2	0	1	3
1800-0600	0	1	1	0	0	2
Not Identified	0	0	0	0	0	0
<b>MONDAY</b>	2	1	0	0	2	5
0600-1800	1	0	0	0	0	1
1800-0600	1	1	0	0	2	4
Not Identified	0	0	0	0	0	0
<b>TUESDAY</b>	1	1	0	1	0	3
0600-1800	0	1	0	1	0	2
1800-0600	1	0	0	0	0	1
Not Identified	0	0	0	0	0	0
<b>WEDNESDAY</b>	0	2	1	0	2	5
0600-1800	0	2	0	0	2	4
1800-0600	0	0	1	0	0	1
Not Identified	0	0	0	0	0	0
<b>THURSDAY</b>	0	2	1	2	0	5
0600-1800	0	0	1	1	0	2
1800-0600	0	2	0	1	0	3
Not Identified	0	0	0	0	0	0
<b>FRIDAY</b>	1	3	0	0	0	4
0600-1800	0	2	0	0	0	2
1800-0600	1	1	0	0	0	2
Not Identified	0	0	0	0	0	0
<b>SATURDAY</b>	0	1	0	0	4	5
0600-1800	0	1	0	0	2	3
1800-0600	0	0	0	0	2	2
Not Identified	0	0	0	0	0	0

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

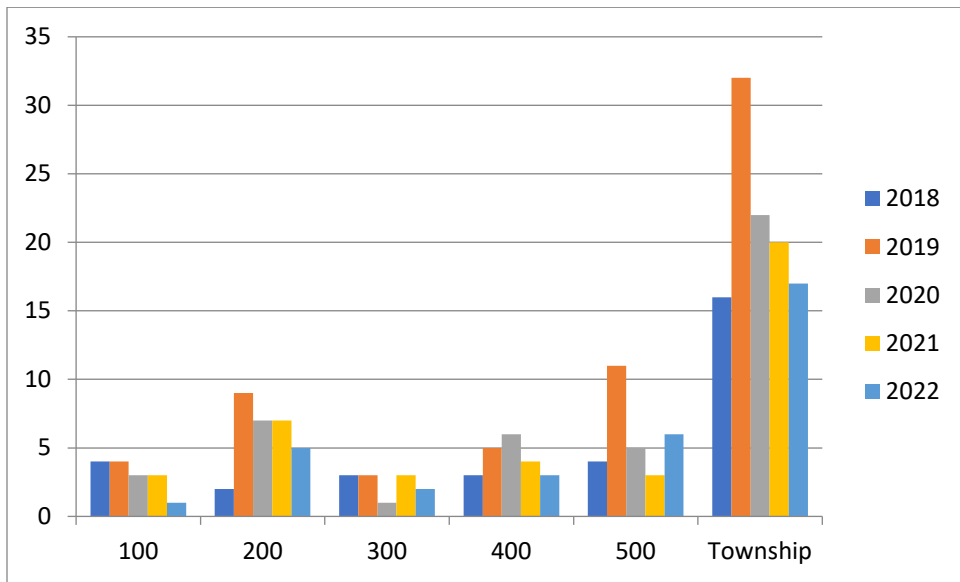
### DISTRICT 500 Bldg Fire by Day of Week

	2018	2019	2020	2021	2022	Total
<b>SUNDAY</b>	0	1	3	0	1	5
<b>MONDAY</b>	2	1	0	0	2	5
<b>TUESDAY</b>	1	1	0	1	0	3
<b>WEDNESDAY</b>	0	2	1	0	2	5
<b>THURSDAY</b>	0	2	1	2	0	5
<b>FRIDAY</b>	1	3	0	0	0	4
<b>SATURDAY</b>	0	1	0	0	4	5



## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

Building Fires by District by Year						
	2018	2019	2020	2021	2022	TOTAL
100	4	4	3	3	1	15
200	2	9	7	7	5	30
300	3	3	1	3	2	12
400	3	5	6	4	3	21
500	4	11	5	3	6	29
<b>Township</b>	<b>16</b>	<b>32</b>	<b>22</b>	<b>20</b>	<b>17</b>	<b>107</b>



**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

<b>DISTRICT 100 BLDG FIRES by Month</b>						
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>	1	1	0	0	0	2
<b>February</b>	0	0	3	0	0	3
<b>March</b>	0	0	0	0	0	0
<b>April</b>	0	0	0	0	0	0
<b>May</b>	0	0	0	0	0	0
<b>June</b>	1	1	0	0	0	2
<b>July</b>	0	1	0	1	0	2
<b>August</b>	0	0	0	1	0	1
<b>September</b>	2	1	0	0	0	3
<b>October</b>	0	0	0	0	1	1
<b>November</b>	0	0	0	1	0	1
<b>December</b>	0	0	0	0	0	0

<b>DISTRICT 200 BLDG FIRES by Month</b>						
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>	0	0	1	0	1	2
<b>February</b>	0	0	0	0	0	0
<b>March</b>	0	1	0	0	0	1
<b>April</b>	2	0	1	0	0	3
<b>May</b>	0	0	0	0	0	0
<b>June</b>	0	2	4	0	0	6
<b>July</b>	0	0	0	3	0	3
<b>August</b>	0	1	1	1	0	3
<b>September</b>	0	2	0	1	1	4
<b>October</b>	0	0	0	0	0	0
<b>November</b>	0	2	0	2	1	5
<b>December</b>	0	1	0	0	2	3

**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

<b>DISTRICT 300 BLDG FIRES by Month</b>						
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>	2	1	0	0	0	3
<b>February</b>	0	1	0	0	0	1
<b>March</b>	0	0	0	1	0	1
<b>April</b>	0	0	0	0	0	0
<b>May</b>	0	1	0	0	0	1
<b>June</b>	0	0	0	0	0	0
<b>July</b>	1	0	0	0	0	1
<b>August</b>	0	0	1	0	0	1
<b>September</b>	0	0	0	0	1	1
<b>October</b>	0	0	0	0	1	1
<b>November</b>	0	0	0	0	0	0
<b>December</b>	0	0	0	2	0	2

<b>DISTRICT 400 BLDG FIRES by Month</b>						
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>	0	0	0	0	0	0
<b>February</b>	0	0	0	0	1	1
<b>March</b>	0	0	2	0	0	2
<b>April</b>	0	0	1	1	0	2
<b>May</b>	0	1	0	1	0	2
<b>June</b>	0	0	0	0	0	0
<b>July</b>	0	0	2	0	0	2
<b>August</b>	0	0	1	0	1	2
<b>September</b>	0	0	0	1	1	2
<b>October</b>	2	0	0	2	0	4
<b>November</b>	0	0	0	0	0	0
<b>December</b>	0	0	0	0	0	0

**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

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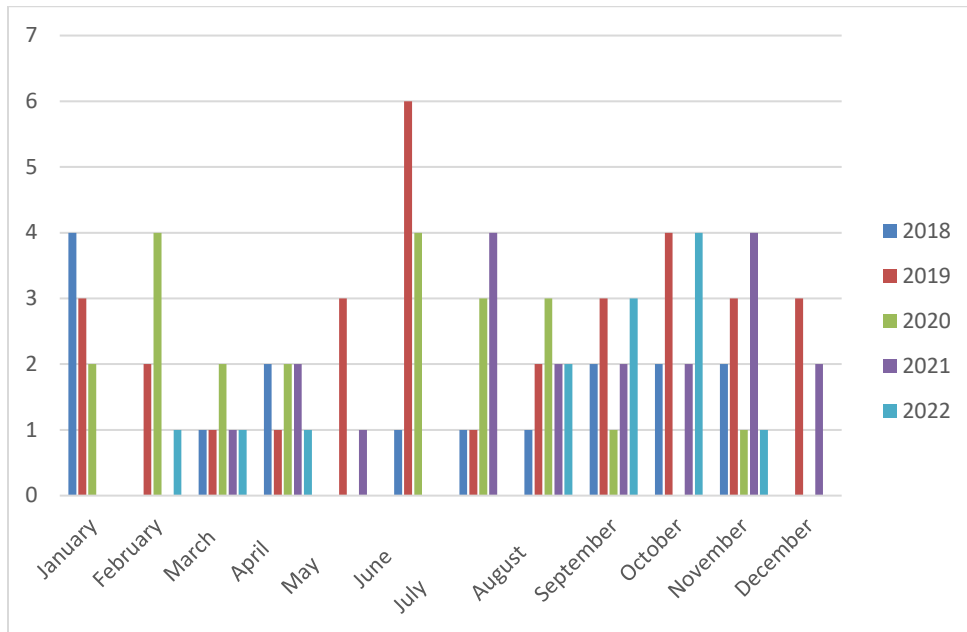
<b>DISTRICT 500 BLDG FIRES by Month</b>						
	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>January</b>	1	1	1	0	0	3
<b>February</b>	0	1	1	0	0	2
<b>March</b>	1	0	0	0	1	2
<b>April</b>	0	1	0	1	1	3
<b>May</b>	0	1	0	1	0	2
<b>June</b>	0	3	0	0	0	3
<b>July</b>	0	0	1	0	0	1
<b>August</b>	1	0	0	0	1	2
<b>September</b>	0	0	1	0	0	1
<b>October</b>	0	2	0	0	2	4
<b>November</b>	1	1	1	1	1	5
<b>December</b>	0	1	0	0	0	1



# ABINGTON TOWNSHIP FIRE DEPARTMENT

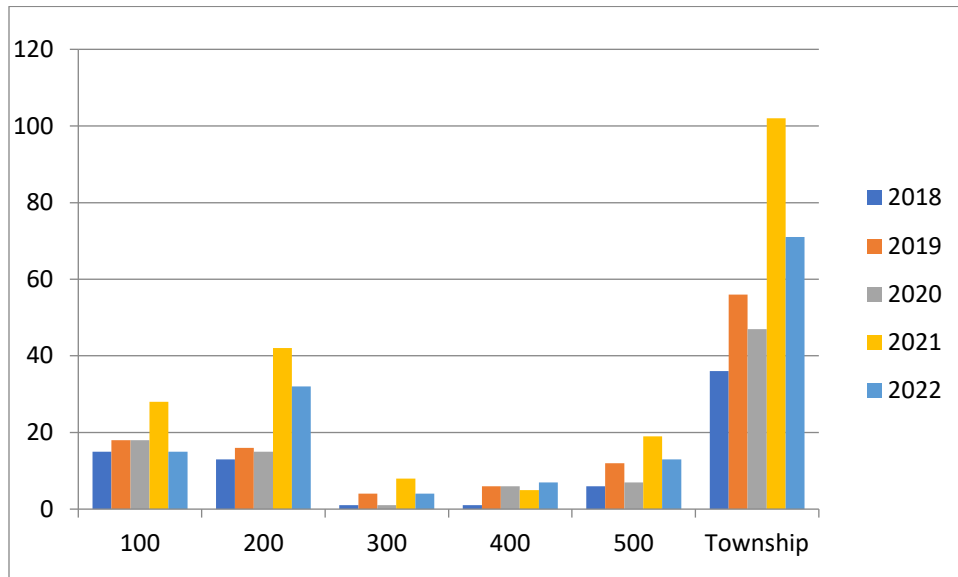
## Community Risk Analysis and Standards of Cover

Township Wide BLDG FIRES by Month						
	2018	2019	2020	2021	2022	Total
January	4	3	2	0	0	9
February	0	2	4	0	1	7
March	1	1	2	1	1	6
April	2	1	2	2	1	8
May	0	3	0	1	0	4
June	1	6	4	0	0	11
July	1	1	3	4	0	9
August	1	2	3	2	2	10
September	2	3	1	2	3	11
October	2	4	0	2	4	12
November	2	3	1	4	1	11
December	0	3	0	2	0	5



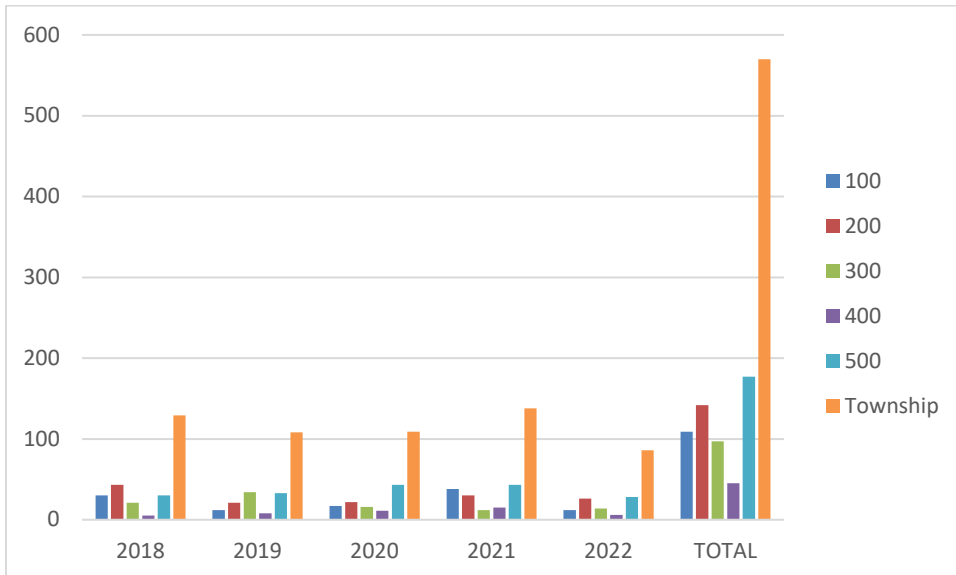
## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

Rescue/EMS Incidents by District by Year						
	2018	2019	2020	2021	2022	TOTAL
<b>100</b>	15	18	18	28	15	94
<b>200</b>	13	16	15	42	32	118
<b>300</b>	1	4	1	8	4	18
<b>400</b>	1	6	6	5	7	25
<b>500</b>	6	12	7	19	13	57
<b>Township</b>	36	56	47	102	71	312



## ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

Low Risk Hazardous Materials Incidents by District by Year						
	2018	2019	2020	2021	2022	TOTAL
<b>100</b>	30	12	17	38	12	109
<b>200</b>	43	21	22	30	26	142
<b>300</b>	21	34	16	12	14	97
<b>400</b>	5	8	11	15	6	45
<b>500</b>	30	33	43	43	28	177
<b>Township</b>	129	108	109	138	86	570



**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

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**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

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B. A.T.F.D. Risk Assessment Planning Zones A1 - J6

**ABINGTON TOWNSHIP FIRE DEPARTMENT**



**COMMUNITY RISK ASSESSMENT**  
**Planning Zones A1 through J6**

**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

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# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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### **Community Baselines**

The goal of the Community Risk Assessment is to evaluate the whole community to allow the elected officials the ability to make a calculated decision on the level of service they want from their fire department. The first area examined in this assessment is the community itself. Section one will look at the history, demographics, geography and government infrastructure in Abington Township, Pennsylvania and the impacts of these systems on the fire department.

#### **Section 1.1 - Community Overview:**

Abington Township is a Pennsylvania 1<sup>st</sup> Class Township of about 58,545 residents located in southeastern Montgomery County. Abington Township is approximately 13 miles from Center City Philadelphia. Cheltenham Township is Abington's southern neighbor. Abington's eastern border is the City of Philadelphia. To the north are Upper and Lower Moreland Townships and Abington's west border is with Upper Dublin Township. Abington Township also surrounds the Borough of Jenkintown in the central area.

Abington Township is comprised of a number of communities, Abington, Ardsley, Baederwood, Crestmont, Edge Hill, Elkins Park, Jenkintown, Glenside, Meadowbrook, McKinley, North Hills, Roslyn, Rydal, and Willow Grove.

Abington Township is the twelfth largest community/government in the Commonwealth of Pennsylvania.

When William Penn came to Pennsylvania in the early 1680's, the region was populated with only a few hardy settlers along the Delaware River. With Penn's arrival, the process of granting land and settling the area began in earnest, an activity primarily fueled by English and Welsh settlers. By 1684, the lower portion of Abington Township was in private hands and by the end of the decade, all of the land in Abington Township had been granted.

In 1687, the Abington Monthly Meeting was organized.

Old York Road was the first of three major north – south arteries in the township (the other two being Easton Road and Huntingdon Pike). Old York Road was a toll road in 1804, Huntingdon Pike in 1846, Easton Road in 1852.

While improved roads allowed for greater stage traffic, it was the coming of the train that opened vast acres of farmland for residential development. Long before it was commonplace for everyone to live in the suburbs and take vacations, most non-farming people lived in the city.

Philadelphia was the largest city in the country until 1820 and only the very wealthiest of its citizenry were able to escape to the country. With the advent of the train, people were able to travel to the city during the day and sleep at home in the country at night. The first train through the area came in 1855, connecting Philadelphia and Gwynedd through Jenkintown and Glenside. In 1876, the Bound Brook Line (now SEPTA's West Trenton Line) became a branch line from Jenkintown. In 1794, Abington Township was incorporated; it had little government other than for collecting taxes. Jenkintown in 1874 and Rockledge in 1893 petitioned the State Legislature for separate status and each became independent Boroughs separating from Abington Township.



# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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In 1895, the electric trolley came to Willow Grove traveling through Abington and Cheltenham Townships. At this time the Willow Grove Park Amusement Park was born, now the site of the Willow Grove Park Mall.

The 18<sup>th</sup> Century transformed a forested wilderness into an agrarian landscape and the 19<sup>th</sup> century transformed the land with the infrastructure of a diverse society, the 20<sup>th</sup> century completed the transformation to suburbia. The greatest change, however, occurred after World War II. The desire for and the fundamental feasibility of suburban living erased the agrarian vestiges of earlier times. Farm after farm was developed in the 1950's and the distances and the distinctions that separated one village from the next all disappeared.

Abington Township consists primarily of tree lined residential streets, predominately single family and twin dwellings. There are several commercial areas including one large shopping mall and two large hospitals. Abington Township Parks and Recreation Department maintains 4 large parks, 13 small parks, two pools and 400 acres of open space.

There is one large industry in Abington Township and several smaller light industrial areas.

Abington Township received its 1<sup>st</sup> Class Township Status from the Pennsylvania State Legislature in 1906. Abington Township is a Commissioner – Ward form of government comprised of 15 elected commissioners who appoint a township manager who manages the day to day operations of the township.

Volunteer fire companies began their long history of service to the community in 1889 when the Abington fire company was chartered, followed by Weldon Fire Company chartered in 1904, McKinley Fire Company in 1906, Edge Hill Fire Company in 1908, and Roslyn Fire Company in 1922. In 1953 by means of a township ordinance the five volunteer fire companies were formed into the Abington Township Fire Department.

As mentioned earlier, Abington Township has had organized fire protection dating back to 1889. The Fire Services within the township pre-dates the Abington Township Police Department and pre-dates Abington as a 1<sup>st</sup> Class Township. Early fire protection consisted of horse drawn carts followed by gasoline powered pumpers and chemical units. The fire stations were typically located centered within the small community it served. The earliest method of alerting members was a small sledgehammer applied to steam locomotive tire. In the 1930's, fire house sirens were installed. The sirens were activated via phone lines from the Abington Police Station.

A large number of Abington Township Firefighters left to serve during World War II. During this period, many female members of the community stepped in to fill the void left by those men who chose to serve in the armed forces. When these members returned, they brought back with them an appreciation of the training and organizational skills they witnessed while serving their country.

By the mid 1950's, they, along with the cooperation of elected officials revised an existing ordinance re-defining the A.T.F.D. They also, again with the assistance of elected officials, were granted land near the Abington Township Public Works Yard and constructed a five story Fire Training Facility, one of the first fire training facilities in Montgomery County.

There have been many notable fires fought by the Abington Township Fire Department. In the early 1900's there were numerous lumber and coal companies either in the township

# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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and surrounding municipalities. The A.T.F.D. has participated in numerous significant church, restaurant, and amusement park ride fires.

The five Abington Fire Companies by ordinance comprise the A.T.F.D. Each company, however, is separately chartered, having its own set of bylaws and operates independent of one another. By virtue of their bylaws, they elect their officers consisting of president, vice president, secretary, treasurer, chief, deputy chief, assistant chief, captain, lieutenants. The fire companies establish the criteria for these positions. The fire companies receive annual funding from the township government by virtue of a fire tax.

Within Abington Township Government the Fire Department's approximately 230 active members form the largest group of employees within the township. Only Abington Memorial Hospital and the school district have more employees. The firefighters are unpaid employees; the township provides worker's compensation benefits and supports an annual Length of Service Award to qualifying members.

A significant strength of our department is that almost all of our members reside within the township. They live, in many cases work, they shop, dine, worship, go to the doctor, dentist and hospital all within the township, the area they protect. Our members in addition to being highly trained firefighters are business owners, teachers, lawyers, police officers, building contractors, heavy equipment operators, truck drivers, public works employees, heating and air conditioner specialist's and the list goes on. We believe that these skills possessed by our members greatly strengthen our ability to serve our residents and business owners.

The A.T.F.D. provides twenty-four-hour emergency service 365 days a year with an all-volunteer fire fighting force. The most common service provided is fire and rescue services; however, routinely the A.T.F.D. provides additional services including EMS Assist, environmental conservation, emergency management, assist police, traffic control (fire police), public education, fire prevention, fire inspections, code enforcement and risk reduction activities. Fire services are provided to specific jurisdictional areas from five (5) fire stations. Additionally, the A.T.F.D. enjoys an outstanding relationship with all the surrounding communities and fire service providers. The Abington Township Fire Department both gives and provides automatic mutual aid via the Montgomery County Emergency Dispatch Center.

All of Abington Townships' growth has been internal. Our geographical service area has remained the same for 100 years. The service the A.T.F.D. has provided has changed drastically from the days of horse-drawn hose carts with more technical responsibilities being placed upon the fire service. The A.T.F.D. stands ready to serve and protect the citizens from all perils.

Today the A.T.F.D. is comprised of five all-volunteer fire companies consisting of state certified fire fighters, the fire marshal's office consists of two full-time NAFI certified fire marshal's, inspections and prevention experts.

There is a formal organizational chart where the Director of Fire & Emergency Management Services reports directly to the Abington Township Manager. Within each fire company there are common staff management each consisting of one (1) chief, one (1) deputy chief, one (1) assistant chief, one (1) captain, and (2) lieutenants.

## **ABINGTON TOWNSHIP FIRE DEPARTMENT**

### **Community Risk Analysis and Standards of Cover**

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The Fire Marshal and Director of Fire & Emergency Management Services oversee the funding provided to the A.T.F.D. The individual five fire companies oversee the funding provided directly from the municipality to the individual fire companies.

The fire marshal's office is responsible for all the management and review of all commercial and construction plans, fire cause and origin investigations, fire inspections, and public fire education functions of the department. The fire marshal and staff maintain certification in fire investigation, commercial building and fire inspection and building codes. They maintain these certifications and remain up to date on current events and changes through membership in various national and international organizations.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Section 1.2 – Governance Model

The Township of Abington is governed by a Commissioner- Ward form of government. The Abington Township Commissioners are elected to a four-year term. There are 15 commissioners, with alternating terms of service.

The following individuals represent the current elected officials of Abington Township:

Thomas Hecker, President	Ward 1
Matt Vahey, Vice President	Ward 12
Ken Brodsky	Ward 2
Drew Rothman	Ward 3
Jimmy DiPlacido	Ward 4
Julia Vaughn	Ward 5
Jeffrey Browne	Ward 6
Stuart Winegrad	Ward 7
Lori Henry	Ward 8
Dennis C. Zappone	Ward 9
Jessica Carswell	Ward 10
John L. Spiegelman	Ward 11
Bill Bole	Ward 13
Lori A. Schreiber	Ward 14
Thomas Bowman	Ward 15

The elected commissioners appoint the township manager. The manager has responsibility for the day-to-day operations of the township.

Commissioner Lori Schreiber is the Chair of the Fire Board, which is a public meeting that meets quarterly, pursuant to Township Ordinance.

### Section 1.3 Current Level of Service

The Abington Township Fire Department provides the community with fire, rescue and first responder hazardous materials response. Within Abington Township all EMS is provided by an outside or third-party contractor, the Second Alarmers of Willow Grove PA. The A.T.F.D does however maintain a close working relationship with S.A.R.S. Several A.T.F.D. firefighters are members of Montgomery Counties State Certified Hazardous Materials Response Team.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Existing Fire Companies

#### **Station 100 Abington Fire Company, 1920 Horace Avenue, Abington, Pa. 19001**

- (1) – 2011 Pierce 1,500 gpm squad
- (1) – 2018 Pierce 107' Aerial Ladder
- (1) – 2014 Pierce Mini Pumper 750 gpm pump
- (1) – Command Vehicle

#### **Station 200 McKinley Fire Company, 893 Jenkintown Road, Elkins Park, Pa. 19027**

- (1) – 2006 Seagraves 1,500 gpm Engine
- (1) – 2017 Seagraves 1,500 gpm Squad
- (1) – 2021 Seagrave 100' Aerial Ladder
- (1) – Utility vehicle

#### **Station 300 Weldon Fire Company, 412 N. Easton Road, Glenside, Pa.19038**

- (2) – 2021 Pierce 2000 gpm engines
- (1) – 2016 Rescue1 heavy rescue
- (1) – 1993 GMC-Saulsbury air/light unit

#### **Station 400 Edge Hill Fire Company, 2843 Limekiln Pike, Glenside, Pa.19038**

- (1) – 2006 Pierce 1,500 gpm engine
- (1) – 1995 Pierce 1,500 gpm pipeline
- (1) – 2022 Pierce 107' Aerial Ladder

#### **Station 500 Roslyn Fire Company, 1128 Bradfield Road, Roslyn, Pa.19001**

- (1) – 2005 Pierce 1,500 gpm engine
- (1) – 2015 Pierce 1,750 gpm squad
- (1) – 2001 Pierce 95' @ 1,750 gpm tower ladder
- (1) – 1997 Ford Utility vehicle
- (1) – Command Vehicle

#### **A.T.F.D. Headquarters 1176 Old York Road, Abington, Pa.19001**

- (1) – Ford F-150 Fire Marshal vehicle
- (3) – Ford Interceptors (Assistant FM, Fire Inspector, Director)
- (1) – 2009 Ford 550– Special Service (Investigation/Prevention)
- (1) – 20ft Collapse/Technical Rescue Trailer
- (1) – Gator
- (1) – 28' Fire Prevention & Safety Trailer

All five fire companies within the A.T.F.D. have been serving the community for over one hundred years. Therefore, fire companies were located somewhat centered within the communities they served as they existed a century. Any movement of stations occurred about eighty or so years ago and resulted in a move of about a block or so. Since then, the communities expanded, large farms and other tracts of land were developed resulting in our township now being about 98 % developed. Using ISO guidelines, the A.T.F.D. calculated any area where an Abington Township engine was located further than one- and one-half miles from the fire station. In those cases, the A.T.F.D. response has for years been supplemented

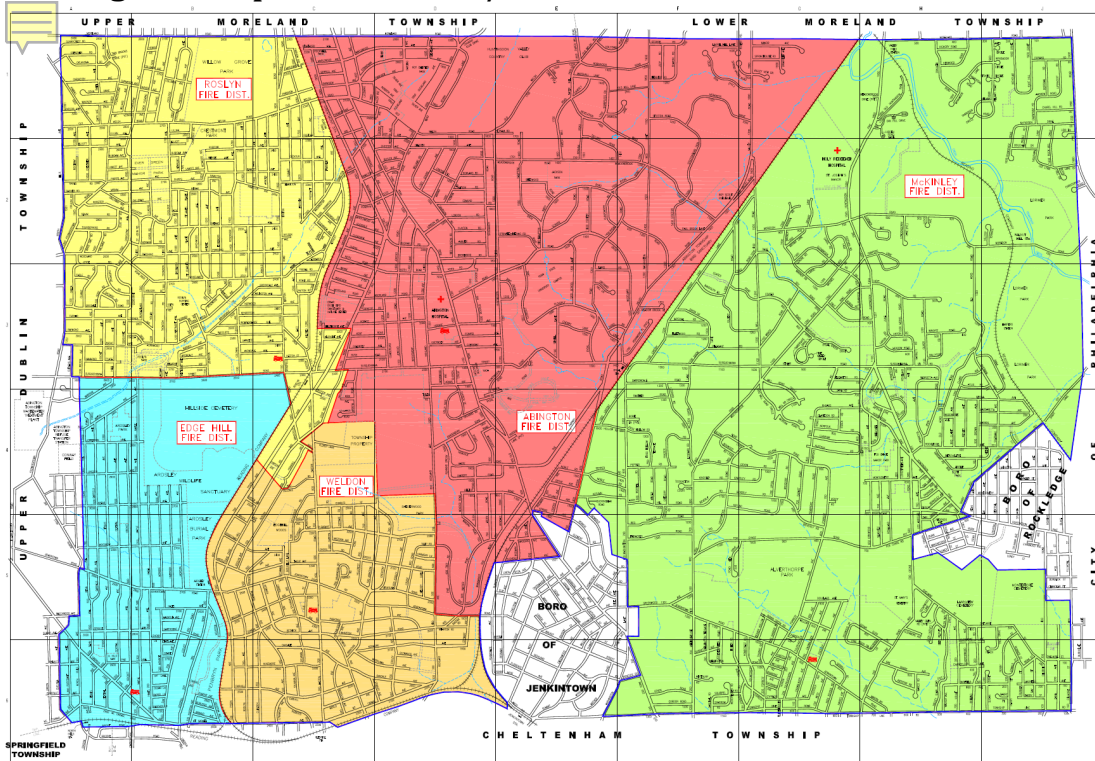
# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

by using automatic mutual aid. Resources from our neighboring communities are dispatched at the same time as A.T.F.D. units. In these cases, the assisting mutual aid engine response is within the ISO guideline of one- and one-half miles. Additionally, the A.T.F.D. provides automatic mutual to our neighboring fire departments and companies. The A.T.F.D. trains with its mutual aid companies on a frequent basis.

Each fire company has elected officers consisting of a Chief, Deputy Chief, Assistant Chief, Captain and Lieutenants. Each fire company is individually chartered with the Commonwealth of Pennsylvania and is brought into the A.T.F.D. by virtue of the township ordinance #175 creating the fire department. Within the A.T.F.D. there are approximately 230 active members. Each firefighter is issued a pager, assigned an "Active 911" cell phone alert, and responds to a station upon dispatch.

Map showing township & fire stations/districts.



# **ABINGTON TOWNSHIP FIRE DEPARTMENT**

## **Community Risk Analysis and Standards of Cover**

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### **Section 1.4 Mission, Value and Vision Statements**

#### **MISSION STATEMENT**

The Abington Township Fire Department is a unified team of five individual volunteer fire companies providing excellent fire services to protect the health, safety and welfare of our community and members.

#### **VALUES**

**TEAMWORK** – We are dedicated to providing professional services by five individual fire companies working together as a unified department.

**RESPECT** – We value respect for our fellow firefighters and the community by compassionately caring for their needs.

**EXCELLENCE** – We embrace excellence that demonstrates itself through consistent professionalism, pride, and a positive attitude.

**SAFETY & HEALTH** – We prioritize the safety and health of our firefighters and will provide policies, programs, training, and equipment to ensure their welfare.

**COMMUNITY ENGAGEMENT** – We are committed to outreach and service to our community through engagement in communication, events, and partnerships.

#### **VISION STATEMENT**

Abington Township Fire department's 2028 vision is to be known as an internationally accredited department committed to the continual pursuit of excellence. As a unified team of companies, we will provide a standardized, cohesive delivery system with an improved stakeholder engagement process that educates and protects the township's community and department members. Additionally, we will strengthen our physical resource acquisition and maintenance system through a collaborative approach that produces efficacies for those we serve.

In recognition of our greatest resource of human investment, we will make every effort to develop, support, and prepare our members to be the best they can be. We will achieve this through effective health and safety programs and staffing engagement processes supported by contemporary volunteer member recruitment and retention methods. We envision a future fire service focused department that welcomes new, inventive members who embody organizational accountability to our mission and values while always striving to make this vision a reality.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE A-1



### Community Profile

This area in the NW corner of the township can best be described as predominately single-family dwellings constructed in the 1950's – 1960's. The dwellings in this zone average about 14,000 square feet. Within this planning zone is a strip mall retail outlet protected with automatic sprinklers and alarms. Also within this zone are the Twin Brooks Townhouses, which are comprised of 72 unsprinklered units constructed of wood frame construction. There are approximately 424 structures and approximately 1,117 residents within this planning zone. The water system in this area is adequate to meet the required fire flows.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned to this area located within 1.5 to 2 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 3 miles from this planning zone. Second due truck companies are supported by the Edge Hill Fire Company and mutual aid with the Upper Moreland Fire Department. Additional engines are supported by Edge Hill and Abington Fire Companies as well as mutual aid through Upper Moreland and Ft. Washington Fire Company. Horsham Fire Company provides secondary heavy rescue services through mutual aid.

Hazardous materials response are through the Roslyn Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

This planning zone is comprised of several major arterials running E-W Moreland Road and N-S Fitzwatertown Road. Pedestrian traffic in this area is light with the vast majority of residential streets.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risk**

Twin Brooks Condominiums (OVAP: 26.00)	1901 Fitzwatertown Road
Abington Crossing Shopping Center	2870 Moreland Road

#### **Identified Special Risks**

Pond at Twin Brooks – no more than 6’ deep – water rescue potential.

### **Fire Flow Concerns**

There are no fire flow concerns for this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE A-2



### Community Profile

This area is located in the North West section of the township and best described as a totally residential area with both single family and twin dwellings of about 1200 to 1700 square feet. There are approximately 581 dwellings with approximately 1,578 residents. The water system is adequate to meet the fire flow requirements for this planning zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned to this area located within 1 to 1.5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.5 miles from this planning zone. Second due truck companies are supported by the Edge Hill Fire Company and mutual aid with Fort Washington and the Upper Moreland Fire Department. Additional engines are supported by Edge Hill and Abington Fire Companies as well as mutual aid through Ft. Washington and Upper Moreland. Horsham Fire Company provides secondary heavy rescue services through mutual aid.

Hazardous materials response are through the Roslyn Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The major N-S arterial for this zone is Fitzwatertown Road. The major E-W arterial is Woodland Road. Pedestrian traffic in this zone is light.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks**

There are no special risks.

This planning zone experienced three fire fatalities, 12/18/07 at 1519 North Hills Avenue w/f, 88 years. On 5/15/07 at 1465 Osbourne Avenue a w/m 82 years. And on 5/20/00 at 2911 Kanes Avenue w/f, 32 years.

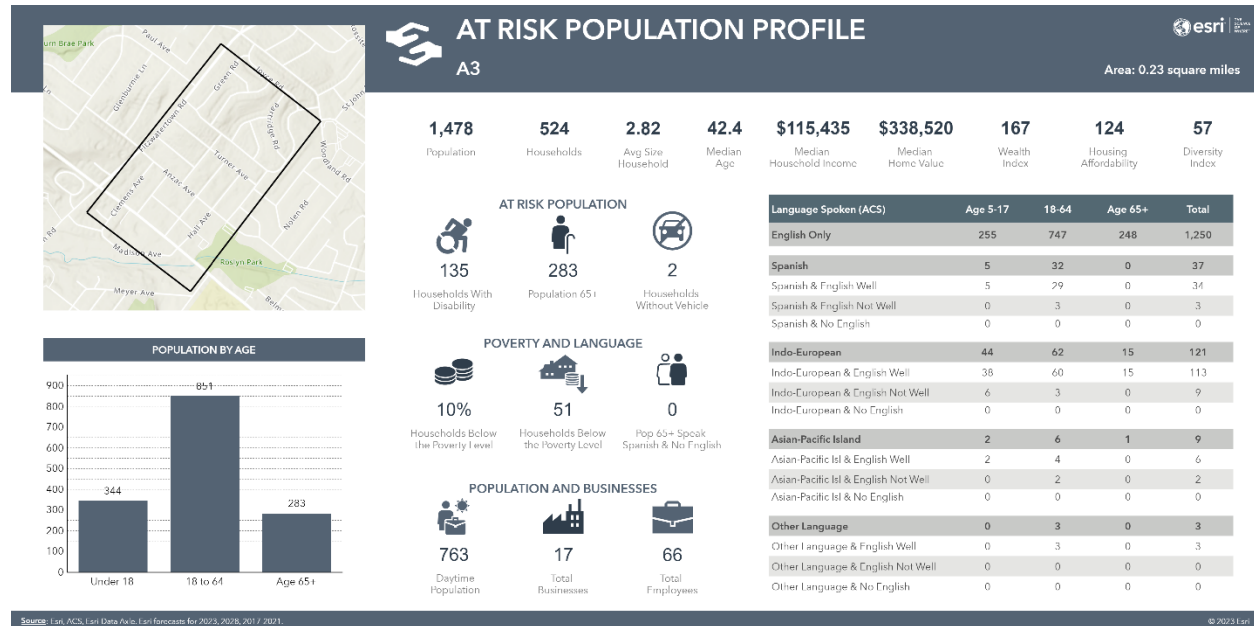
### **Fire Flow Concerns**

The water system within this planning zone is adequate to meet the needed fire flows.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE A-3



### Community Profile

This planning zone is located in the west central section of the township and is best described as totally residential consisting of mostly single family and some twin dwellings. Construction within this zone was in the 1950-1960's. The dwellings average 1,200 to 1,700 square feet. There are approximately 524 dwellings and approximately 1,478 residents. The water system in this zone is adequate to meet the fire flow requirements for their planning zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned to this area located within .5 to 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.5 to 2 miles from this planning zone. Second due truck companies are supported by the Edge Hill Fire Company and Abington Company. Additional engines are supported by Edge Hill and Abington Fire Companies as well as mutual aid through Fort Washington. Horsham Fire Company provides secondary heavy rescue services through mutual aid.

Hazardous materials response is through the Roslyn Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The major N-S arterial for this zone is Fitzwatertown Road. The major E-W arterial is Susquehanna Road. Pedestrian traffic in this zone is light.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. No special or high-risk properties were identified.

Below are the properties that were identified:

#### **Identified Special Risks**

Flooding – this zone contains parts of the Sandy Run Creek Watershed identified on the 100-year floodplain, there is a history of serious flooding (1996) in the planning zone. Several homes sustained heavy damage.

Aqua Well House – 1115 Hall Avenue - chlorine

### **Fire Flow Concerns**

There is adequate water supply for this planning zone to meet the needed fire flows.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE A-4



### Community Profile

This planning zone is located in the west central section of the township and best described as almost totally residential consisting of mostly single family and twin dwellings constructed the 1950-1960's. They average in size between 1,000 to 1,700 square feet. There are approximately 508 dwellings and approximately 1,367 residents in this zone. Also within this zone is Abington Township Park with a playground and athletic fields. The Sandy Run Creek runs through the northern section of this zone. The water supply for this planning zone is adequate for the fire flow demand for this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Edge Hill Fire Company is the first due station assigned to this area located within 1.5 to 2 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.5 miles from this planning zone. Second due truck companies are supported by the Roslyn Fire Company and Abington Fire Companies. Additional engines are supported by Weldon and Abington Fire Companies.

Hazardous materials response is through the Edge Hill Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

There are no major arterial roadways located within this zone. All roadways are residential and pedestrian traffic is light with the exception of the recreation area, which on occasion can be heavy.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks**

Flooding – this zone contains parts of the Sandy Run Creek Watershed identified on the 100-year floodplain. Heavy flooding during tropical storms/hurricanes in 1996, approximately 10 dwellings were destroyed, and two (2) elderly residents drowned in a basement along Madison Avenue. As a result of several major flooding events in this area, the township has undergone significant flood mitigation projects, including dredging and widening creeks and retention basins in this area which has significantly reduced the flooding threat.

This planning zone experienced a fire related fatality 12/27/97 at 948 Garfield Avenue w/m, 59 years.

#### **Fire Flow Concerns**

Water supply within this zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE A-5

At Risk Population: BOX 29-A5

A5  
Area: 0.25 square miles

Prepared by Esri



### Community Profile

This area is located in the south west section of the township and best described as almost totally residential single family and twin dwellings of approximately 1,000 to 1,800 square feet. Construction within this zone spans both pre-WWII and the 1950-1960's. There are approximately 657 dwellings and about 1,793 residents within this zone. Within this zone is the old Ardsley School now used by Abington Township Parks and Recreation Department and contains a small athletic field. Water supply for this planning zone is adequate for the fire flow demand for this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Edge Hill Fire Company is the first due station assigned this area located within 1 mile.

The Company operates the first and second due engines as well as first due truck company. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.25 miles from this planning zone. Second due truck companies are supported by the Roslyn and Abington Fire Companies with Glenside Fire Company and Ft. Washington Fire Company on mutual aid. Additional engines are supported by Weldon and Roslyn Fire Companies.

Hazardous materials response are through the Edge Hill Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

There is one major E-W Roadway – Jenkintown Road. The remainder of roadways are all residential and pedestrian traffic is light throughout this zone.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. No special or high-risk properties were identified. Below are the properties that were identified:

#### **Identified Special Risks**

Flooding – 700 blocks of Penn Avenue and Cricket Avenue

This planning zone experienced a fire related fatality 7/27/2017 at 635 Garfield Avenue w/m, 68 years.

### **Fire Flow Concerns**

The water supply in this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE A-6



**POPULATION BY AGE**

Source: Esri, ACS, Esri Data Analytics, Esri Forecast for 2023, 2028, 2037 / 2031. © 2023 Esri

### Community Profile

This area is located in the southwest section of the township and best described as a mixed residential, both single family and twin dwellings constructed predominately prior to WWII of about 1,000 to 1,800 square feet. Within this zone are some commercial both retail and light industrial. Also within this zone is the Septa R-Railroad line consisting of predominately electric commuter passenger trains and an occasional CSX-NS Freight Train. There are approximately 327 structures and about 920 residents within this planning zone. The water supply for this zone is adequate for the fire flow requirements for this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Edge Hill Fire Company is the first due station assigned this area located within 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.25 miles from this planning zone. Second due truck companies are supported by the Glenside, Roslyn and Abington Fire Companies. Additional engines are supported by Weldon and Abington Fire Companies with mutual aid from the Oreland and Glenside Fire Companies.

Hazardous materials response are through the Edge Hill Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The major N-S roadway within this zone is North Hills Avenue. The major E-W roadways are Mt. Carmel Avenue and Limekiln Pike. Also, as previously mentioned the Septa Railroad runs through the southern section of this zone. Pedestrian traffic is light in the residential access of this zone and more significant within the commercial area of this zone.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risks**

Station Avenue Apartments	77 North Hills Avenue
Station Avenue Apartments	88 Station Avenue
May Arts Ribbon Company (bow/truss roof)	2780 Limekiln Pike

#### **Identified Special Risk**

Street flooding in the area of Mt Carmel Avenue and North Hills Avenue.  
Township Waste Water pumping station on North Hills Avenue near Mt. Carmel.  
Aqua of PA Well House – 315 Chelsea Avenue - chlorine

### **Fire Flow Concerns**

The water supply within this zone is adequate to meet the needed fire flow requirements.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE B-1



### Community Profile

This area is located in the Northwest section of the township bordering Upper Moreland Township and best described as a mixed residential and commercial. Within this zone is a population of 995 and approximately 365 dwellings, mostly single family with some twins the majority of which were constructed during the 1950-1960's. They range in size from about 1,000 to 1,700 square feet. Also, within this zone is some light industrial, a large three-story enclosed shopping mall (Willow Grove Park Mall), a large strip mall adjacent to the shopping mall, and a large home goods store. The Willow Grove Park Mall and the adjacent strip mall are fully sprinklered. Also within this zone is the Willow Hill Elementary School which is fully sprinklered.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned this area located within 1.5 to 2 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid Upper Moreland Fire Department. Additional engines are supported by Weldon and Abington Fire Companies with mutual aid from the Upper Moreland Fire Department. Additional Truck and Engines companies are provided through mutual and automatic aid to the Willow Grove Park Mall from Edge Hill, Horsham and Fort Washington Fire Companies.

Hazardous materials response are through the Roslyn Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2.5 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

This area is comprised mostly of residential streets. The major roadways E-W include Moreland Road (Route 63) and Old Welsh Road. Pedestrian traffic is low in the residential areas and high in the commercial areas.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Willow Grove Park Mall (OVAP: 33.37)	2500 Moreland Road
Willow Hill Elementary School (OVAP: 31.42)	1700 Coolidge Ave

Willow Grove Park mall, the mall is fully protected with fire sprinkler system and fire alarms. During the Christmas season there is heavy pedestrian traffic within the mall and very heavy traffic in the vicinity of the mall and parking lots. The individual stores tend to overload their stock rooms with merchandise, the fire marshal's office typically assigns frequent inspections during this period. Police are requested to pay special attention to parking violations which could possibly inhibit fire department access. (See pre-plan)

#### **Identified Special Risks**

Flooding near the Mall pond - retention basin and street flooding on Moreland Road near Easton Road and Old Welsh Road near Park Avenue during heavy rains – tropical storms etc. have historically resulted in numerous calls of water rescues within this planning zone.

### **Fire Flow Concerns**

The water supply within this zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE B-2



### Community Profile

This area is located in the Northwest section of the township best described as almost totally comprised of single family and twin dwellings of 1,000 to 1,800 square feet. There is a mixture of dwellings constructed pre-WWII and in the 1950-1960's. Within this zone is one of Abington Township Recreation Department's pools and a large park. Additionally, in this zone is the former Hamilton Avenue School, now the "Center School", a private school. This school has a monitored fire alarm. There are about 877 dwellings and about 2,431 residents within this zone. The water system in this zone is adequate to meet the required fire flows.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned this area located within 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.25 miles from this planning zone. Second due truck companies are supported by the Abington and Willow Grove Fire Companies. Additional engines are supported by Weldon, Edge Hill and Abington Fire Companies with mutual aid from the Upper Moreland Fire Department and Ft. Washington Fire Company.

Hazardous materials response are through the Roslyn Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2.5 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

This area is comprised of all residential streets. Pedestrian traffic is low.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks**

The Center School (OVAP: 22.80)

2450 Hamilton Avenue

### **Fire Flow Concerns**

There are no identified fire flow problems in this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE B-3



### Community Profile

This area is in the north central section of the township and best described as predominately residential with a large Baptist Church and a public school, Roslyn Elementary School. There is a population of 2,384 and are about 791 single family and twin dwellings ranging from about 1,000 to 1,700 square feet. The dwellings were constructed both pre-WWII and in 1950-1960's. Salem Baptist Church and the adjoining Nexus School both have a monitored fire alarm, the Roslyn Elementary School is fully protected by a sprinkler system. Also within this zone is Roslyn Park, a large Abington Township Parks and Recreation facility with illuminated athletic fields, soccer field, a new skateboard park and a playground. The Sandy Run creek runs E-W through this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned this area located within 1 to 1.5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.25 miles from this planning zone. Second due truck companies are supported by the Abington and Edge Hill Fire Companies. Additional engines are supported by Weldon, Edge Hill and Abington Fire Companies with mutual aid from the Fort Washington Fire Companies.

Hazardous materials response are through the Roslyn Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2.5 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The major roadways within this zone are Susquehanna Road and Woodland Road both E-W roadways. Pedestrian traffic in most of this zone is light except during certain times around the schools, church and park.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risk**

Salem Baptist Church (OVAP: 32.40)	2801 Woodland Road
Brookside Healthcare Nursing Home (OVAP:30.80)	2630 Woodland Road

#### **Identified Special Risk Buildings**

Roslyn Elementary School (OVAP:25.73)	2565 Susquehanna Road
The Nexus School (OVAP:32.40)	2801 Woodland Road

#### **Identified Special Risks**

Flooding – several times over the past 30 years within this planning zone, especially the creek around Roslyn Park has flooded. In 1996, more than 100 homes in this zone reported flood damage. This area seems to attract young adults who during severe storms either purposely or accidentally enter the Sandy Run Creek which storm water is running high and fast resulting in numerous calls for water rescue.

This planning zone experienced a double fatal fire related death, 7/24/99, at 2444 Woodland Road, two young b/m's 5 years and 4 years old.

### **Fire Flow Concerns**

The water supply within this zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE B-4



### Community Profile

This area is located in the south-central section of the township and best described as a large cemetery and adjacent wooded section of dedicated Abington Township Open Space. These are about 210 mostly single-family dwellings of 1,000 to 1,700 square feet constructed in the 1950-1960's. Within this zone there are about 544 residents. The available water system is adequate for this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Edge Hill Fire Company is the first due station assigned this area located within 1 to 1.5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.25 miles from this planning zone. Second due truck companies are supported by the Roslyn and Abington Fire Companies. Additional engines are supported by Roslyn, Weldon and Abington Fire Companies.

Hazardous materials response are through the Edge Hill Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2.5 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

All roadways within this zone are residential. Pedestrian traffic is low. The SEPTA railroad runs through this zone. Railroad traffic is mostly electrified commuter rail cars and usually one small local freight train overnight almost daily.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. There are only medium risk properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks**

Flooding – Maple Avenue between Lincoln and Meyer Avenues

There are five basins including an earthen dam engineered to hold storm water during periods of very heavy rain, tropical storms or hurricanes. These are designed to hold from between 8 million gallons to 750,000 gallons of storm water. The depth of the basins ranges from eight feet to sixteen feet. See Abington Township Engineer's plan on basins.

### **Fire Flow Concerns**

The water system within this planning zone is adequate to meet the needed fire flows.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE B-5



### Community Profile

This area is best described as predominantly single family and twin dwellings constructed pre-WWII and 1950-1960's. They average in size from about 1,000 to 1,850 square feet. There are some commercial structures within this zone including several small pizza or food stores, a CVS, two small churches, a VFW, some additional small offices, barber shops, Ardsley Railroad Station, etc. The CVS is protected with a sprinkler system. Most of the other commercial properties are unprotected but do have monitored fire alarm systems. There are about 771 residential units including several townhouses and small apartments. There are about 2,083 residents in this zone. The water supply is adequate for this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Edge Hill Fire Company is the first due station assigned this area located within 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 mile from this planning zone. Second due truck companies are supported by the Roslyn Fire Company with mutual aid from Glenside Fire Company. Additional engines are supported by Roslyn, Weldon, Abington and Glenside Fire Companies.

Hazardous materials response are through the Edge Hill Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2.5 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The main roadway within this zone is E-W Jenkintown Road. Pedestrian traffic typically in this zone is low except in close proximity to the Ardsley Railroad Station. The Septa Railroad tracks run N-S through this zone mostly electrified passenger commuter line with 1 overnight small local freight train daily.



### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Glenside Terrace Apartments/Stores (OVAP: 44.73)

501 Edge Hill Road

There is a double track railroad crossing at Jenkintown Road between Tyson Avenue and Edge Hill Road. The crossing is protected with gates and flashing lights. Adjacent to the crossing is Ardsley Station. The railroad in this area is electrified via overhead catenary.

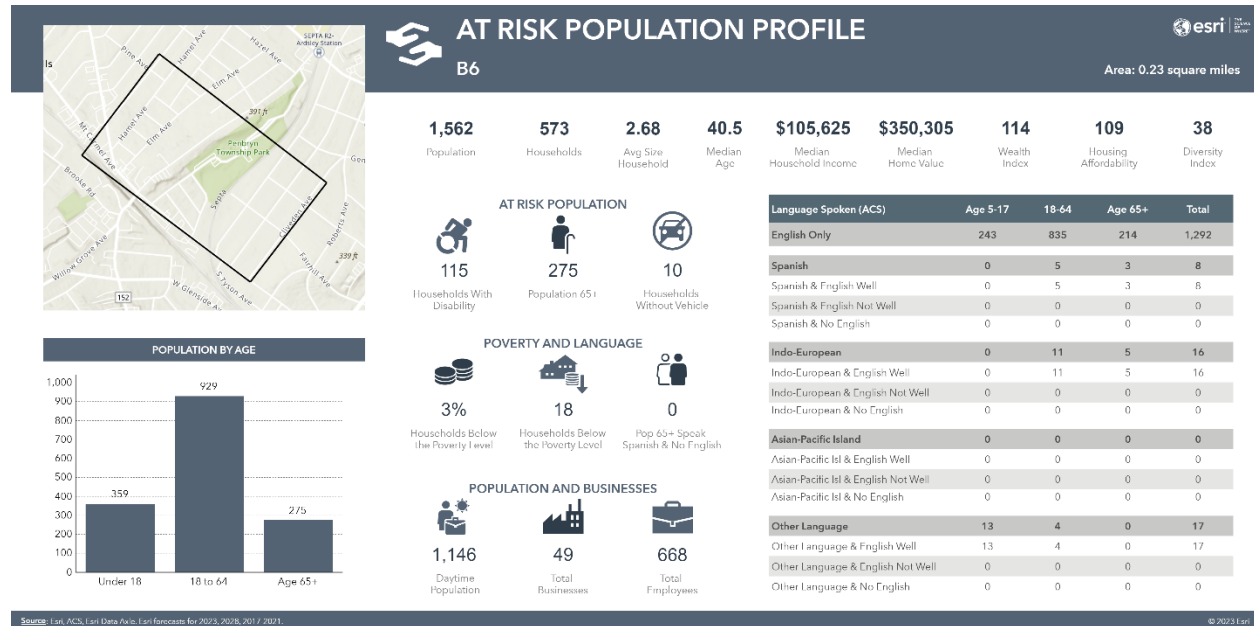
### **Fire Flow Concerns**

The water system within this planning zone is adequate to meet the needed fire flows.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE B-6



### Community Profile

This area is best described as predominantly residential with a mixture of some commercial and light industrial. The population is 1,563 and there are about 573 residential units, both single family and twin residence ranging in size from about 1,000 to 2,200 square feet. Most were constructed prior to WWII. There is one large church, Carmel Presbyterian Church. The structure is unprotected but does have a monitored fire alarm. Located at Mt. Carmel and Edge Hill Road, the church also serves as a senior citizen center. Just to the north of the church is the Edge Hill Nursing Home, a 60-bed facility fully sprinklered along Edge Hill Road. There are several restaurants fully sprinklered. Water supply for this zone is adequate except in the industrial area at Fairhill Avenue and the railroad tracks. Also within this zone is Penbyrn Park, and Abington Township Parks and Recreation facility with athletic fields and a community pool.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Edge Hill Fire Company is the first due station assigned this area located within 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. The Company maintains a Zodiac Inflatable boat as well as approximately 20 trained personnel for water rescue in the flood prone areas of this zone. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 mile from this planning zone. Second due truck companies are supported by mutual aid with the Glenside Fire Company and the Roslyn and Abington Fire Companies. Additional engines are supported by Weldon Fire Company and mutual aid with Oreland and Glenside Fire companies.

Hazardous materials response are through the Edge Hill Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2.5 to 3 miles. The Abington

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### **Transportation Issues**

The major E-W roadways are Mt. Carmel Avenue and Limekiln Pike. The N-S roadway is Edge Hill Road. The railroad – Septa runs N-S through this zone with electrified commuter trains and one overnight local freight train.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Carmel Presbyterian Church (OVAP: 51.33)	100 Edge Hill Road
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#### **Identified Medium Risk**

Baird Respiratory (OVAP: 35.69)	2527 Mt. Carmel Avenue
Edge Hill Nursing Home (OVAP: 32.93)	146 Edge Hill Road
Edge Hill Fire Company	2843 Limekiln Pike
Fairhill Avenue Complex	2541-2547 Fairhill Avenue

#### **Identified Special Risks**

Abington Township's Public Penbryn Pool is located within this zone.



There is a double track railroad crossing in this zone located at Mt. Carmel Avenue 150' west of Tyson Avenue. The crossing is protected with gates and flashing lights. The railroad is electrified via overhead catenary. The southern half of this crossing is within the boundary of Cheltenham Township, the border being the center line of Mt. Carmel Avenue.

**Fire Flow Concerns** Except for the previously mentioned small industrial area, there are no water supply problems in this area. The water supply issue in the industrial area is mostly concerned with limited access to the area.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE C-1



### Community Profile

This area is best described as a mixture of residential, commercial and light industrial. There are approximately 571 residential units, single family, twin and apartments ranging in size from about 1,000 to 2,200 sq. ft. Most dwellings were constructed prior to WWII. Almost center in this zone is an older light industrial area consisting of electronics, automotive, shipping and research facilities. Adjacent to this area is the SEPTA railroad tracks. The rail traffic is almost totally electric commuter trains with one local freight train. The commercial areas include the Easton Road and Old York Road corridors. Included in this zone are several restaurants, Aldi Market, two churches, a section of parking lot for Willow Grove Park Mall including the retention basin. Water supply for this area is adequate. Also within this zone is the Abington Township Parks & Recreation Rubicam Avenue Park and Rockwell Park. There are approximately 1,467 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned this area to the west with Abington providing service to the east side; both are located within 1 to 1.5 miles.

The Companies operate the first and second due engines as well as first due truck company. The Companies are equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.5 miles from this planning zone. Second due truck companies are supported by the Roslyn and Abington Fire Companies as well as mutual aid response from Upper Moreland Fire Department. Additional engines are supported by Roslyn, Abington, Weldon and Willow Grove Fire Companies.

Hazardous materials response are through the Roslyn or Abington Fire Companies with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within adjoining Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The major north/south roadways are Easton Road and Old York Road. Major east/west roadways are Moreland Road on the northern most borders with Upper Moreland Township and Old Welsh Road. Also, as mentioned, the SEPTA railroad tracks run north/south through this zone.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risks**

Holy Trinity Lutheran Church  
Saint Ann's P.E. Church

2086 Parkview Avenue  
2119 Old Welsh Road

#### **Identified Special Risks**

Flooding: During heavy rains the retention basin at Willow Grove Park Mall can overflow its banks causing flooding just west of Easton Road & Moreland Road. Additionally, flooding has occurred in the vicinity of the intersection of Park Avenue and Old Welsh Road, both resulting in motorists stranded in high water.

There is a single-track railroad grade crossing on Moreland Road about 100 yards east of Davisville Road. The crossing is protected with gates and flashing lights. One half, the north half of this crossing is in Upper Moreland Township, the township border being the center line of the street. The railroad is electrified via overhead catenary.

### **Fire Flow Concerns**

There are no identified fire-flow concerns in this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE C-2



### Community Profile

This area is best described as predominantly residential with some commercial and light industrial. There are about 854 single family and twin dwellings constructed both pre-WWII and 1950s-1960s. The dwellings are between 1,000 and 2,200 sq. ft. in size. There are approximately 2,349 residents within this zone. There is one unprotected church. There are 12 buildings used for auto repairs, sales of which 2 are protected by an automatic sprinkler system, 10 are unprotected. There is a large unprotected building doing custom truck body finishing.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned this area to the west with Abington Fire Company providing service to the east side; both are located within 1 mile.

The Companies operate the first and second due engines as well as first due truck company. The Companies are equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.5 to 2 miles from this planning zone. Second due truck companies are supported by the Roslyn and Abington Fire Companies as well as mutual aid response from Upper Moreland Fire Department. Additional engines are supported by Roslyn, Abington, Weldon and Upper Moreland Fire Department.

Hazardous materials response are through the Roslyn or Abington Fire Companies with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed in adjoining Upper Dublin Township at a travel distance of 2 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway is Easton Road. There are no major east/west roadways. The SEPTA railroad runs north/south through this zone. Mostly electric commuter trains with one local freight train daily. Pedestrian traffic is low in this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Faith Fellowship Church (OVAP: 41.53)	1666-68 Easton Rd
First Baptist Church of Crestmont (OVAP: 44.64)	1678 Fairview Avenue

#### **Identified Medium Risks**

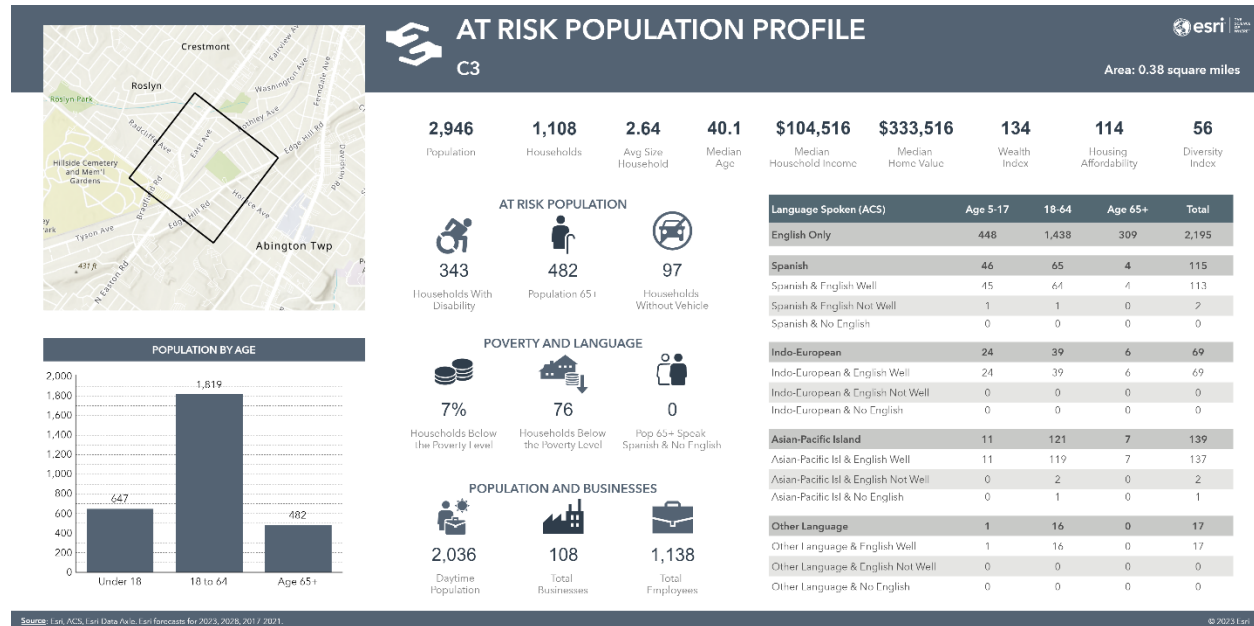
Wee R the World Daycare (OVAP: 22.83)	1600 Easton Road
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**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE C-3



### Community Profile

This area is best described as a mixture of single family residential and light commercial/retail. There are approximately 1,108 dwellings in this zone, for the most part constructed prior to WWII. The dwellings range in size from about 1,000 to 2,200 sq. ft. There are approximately 2,946 residents within this zone. The commercial area is primarily along the Easton Road corridor. Within this zone is the Roslyn Shopping Center, a fully sprinklered complex consisting of a Rite-Aid and other smaller retail stores. In 2023 a large Wawa convenience store and a Pizza Hut take out restaurant will be opening in the northern half of this shopping center which will be a more dense use of this property. There are numerous structures that are mixed-use commercial retail and apartments.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Roslyn Fire Company is the first due station assigned to this area to the west with Abington providing service to the east side; both are located within 1 mile.

The Companies operate the first and second due engines as well as first due truck company. The Companies are equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.25 to 1.5 miles from this planning zone. Second due truck companies are supported by the Roslyn and Abington Fire Companies as well as mutual aid response from Upper Moreland Fire Department. Additional engines are supported by Roslyn, Abington, Weldon and Edge Hill Fire Companies.

Hazardous materials response are through the Roslyn or Abington Fire Companies with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within adjoining Upper Dublin Township at a travel distance of one mile. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### Transportation Issues

The major north/south roadways within this zone are Easton Road, Edge Hill Road and Tyson Avenue. Major east/west roadways are Susquehanna Road and Woodland Road. The SEPTA railroad runs through this zone with a station located at Susquehanna and Easton Roads. Rail traffic consists primarily of electric commuter trains with one local freight train daily.



### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### Identified Special Risks Buildings

Roslyn Fire Company	1128 Bradfield Road
Highland Elementary School (OVAP: 30.80)	1301 Edge Hill Road
Trinity Community Church (OVAP: 44.33)	1200 Easton Road

#### Identified Medium Risks

Bradfield Court Apartments	2323 Heston Street
Bradfield Mews Apartments	2355 Susquehanna Road
Rosewood Park Condominiums	1100 Tyson Avenue
Giant Market	2350 Susquehanna Road
Roslyn Valley Shopping Center	1321-1351 Easton Road
Roslyn Valley Apartments	1114 Easton Road

#### Identified Special Risks

Flooding; during heavy rains a tributary of the Sandy Run Creek runs east/west through this zone. In the past there have been numerous calls for water rescue in the area around Easton and Woodland Roads caused by high water on the roadway.

There is a single-track railroad grade crossing within this zone at the intersection of Easton Road and Susquehanna Road. The crossing is protected by flashing lights. Just southwest of the grade crossing is Roslyn Station. The railroad is electrified with overhead catenary.

**Fire Flow Concern** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE C-4



### Community Profile

This area is best described as a mixture of residential single-family dwellings, some commercial structures, a cemetery, a large elementary school, Abington Township Public Works facility, Public Safety Training Grounds. There are about 684 dwellings constructed mostly prior to WWII ranging in size from about 1,000 to 2,200 sq. ft. There are about 1,710 residents in this zone. Easton Road within this area is primarily lined with commercial structures including Copper Beech Elementary School, Mount Vernon Garden Apartments. There are two large garden style apartment complexes in this zone. Mt Vernon Apartment's complex consists of 13 buildings with 166 living units and Rosedale Court Apartments with 7 buildings and 77 living units. Copper Beach Elementary school constructed in 2000 is protected throughout with an automatic sprinkler and fire alarm system. Also within the zone is the Abington Township Public Works complex consisting of 2 main structures and 3 outbuildings with underground storage tanks for the dispensing of diesel and gasoline. The Abington Township Public Safety Training Facility and fire training tower are located adjacent to the Public Works complex; these facilities are protected with sprinkler and alarm systems.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Weldon Fire Company is the first due station assigned this area located within 1 to 1.2 miles.

The Company operates the first and second due engines as well as heavy rescue company. The Company is equipped to perform light, moderate, heavy and technical as well as water rescues. First due truck companies are provided by the Roslyn, Abington and Edge Hill Fire Companies. Additional engines are supported by the Roslyn, Edge Hill and Abington Fire Companies.

Hazardous materials response are through the Weldon Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within adjacent Upper Dublin Township at a travel distance of one mile. The Abington



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### **Transportation Issues**

The major north/south roadways within this zone are Easton Road, Edge Hill Road and Tyson Avenue. There are no major east/west roadways. The SEPTA railroad runs through this zone. Rail traffic consists primarily of electric commuter trains with one local freight train daily. Pedestrian traffic is low in this zone except at the elementary school during arrival and dismissal.



Gate protected crossing on Bradford Road between Susquehanna Road and Tyson Avenue.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks Buildings**

Copper Beech Elementary School (OVAP: 32.04)	825 Easton Road
Salisbury Behavioral Health	1075 Easton Road
Abington Township Public Works Facility	2201 Florey Lane
Abington Township Public Safety Training Facility	2200 Florey Lane
Mount Vernon Garden Apartments (OVAP:46.13)	885 Easton Road

#### **Identified Medium Risks**

Rosedale Court Apartments	2223 Florey Lane
New Life Thrift Shop	800 Easton Road
SPCA	1006 Edge Hill Road

#### **Identified Special Risks**

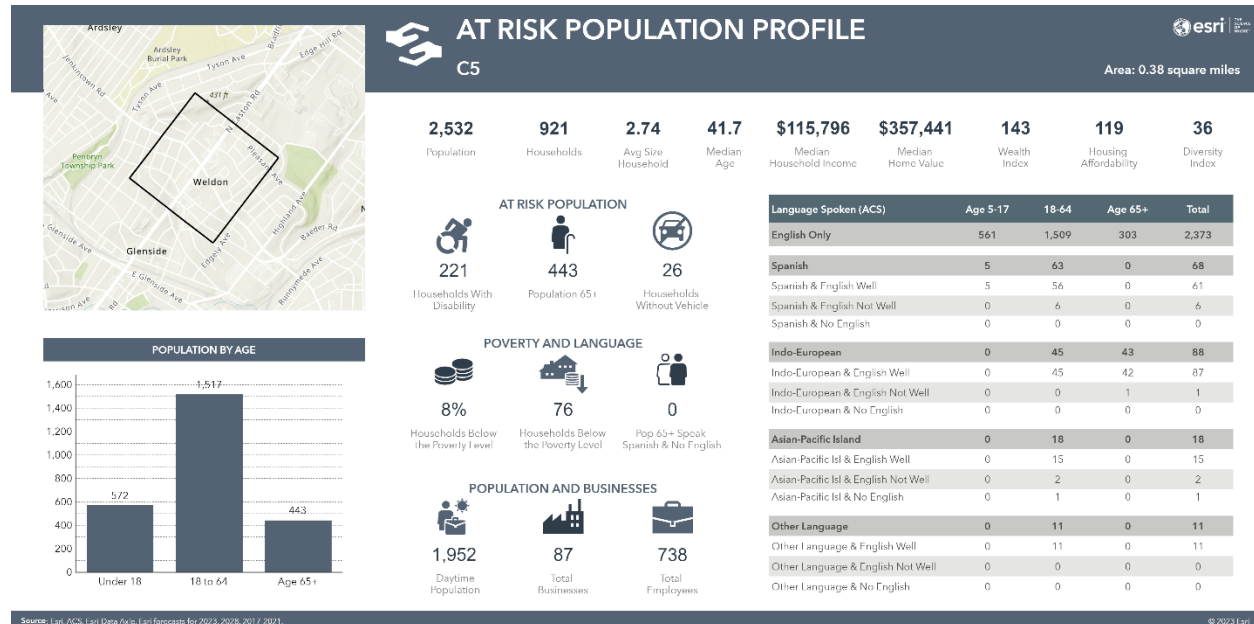
Aqua Suburban Water tank farm	Edge Hill Road
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**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE C-5



### Community Profile

This area is best described as predominantly residential with about 921 single family and twin dwellings constructed prior to WWII, with an approximate population of 2,532 residents. They range in size from 1,000 sq. ft. to about 2,200 sq. ft. each. Also within this zone is a section of commercial structures on Easton Road and Keswick Avenue. The commercial structures within this area consist of several retail auto sales, the Keswick Theatre, a 1300-seat theatre which features live entertainment with nationally known entertainers. There are four large churches within this zone, St. Peters, New Life, Won Temple and Glenside Bible. Glenside Bible Church is protected throughout with an automatic sprinkler system, New Life is partially protected.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Weldon Fire Company is the first due station assigned this area located within 0 to .5 miles.

The Company operates the first and second due engines as well as heavy rescue company. The Company is equipped to perform heavy and technical as well as water rescues. First and second due truck companies are supported by the Edge Hill, Roslyn and Abington Fire Companies and mutual aid with Glenside Fire Company, all located within 1 to 1.25 miles. Additional engines are supported by Edge Hill, Roslyn and Abington Fire Companies as well as mutual aid through Glenside Fire Company.

Hazardous materials response are through the Weldon Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within adjacent Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Easton Road and Keswick Avenue. The major east/west roadway is Jenkintown Road.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Weldon Fire Company	412 Easton Road
Keswick Theatre (OVAP:48.93)	291 N. Keswick Avenue
Saint Peter's Church (OVAP:46.2)	654 Easton Road
Glenside Bible Church (OVAP:44.33)	447 Keswick Avenues

#### **Identified Medium Risk**

Milestones Office & Facility	614 Easton Road
Milestones Apartments	626 Easton Road
New Life Presbyterian Church (OVAP:33.6)	467 Easton Road
Keswick Avenue Apartments	243-251, 244-252 Keswick Avenue
Easton Road Apartments	333 to 353 Easton Road

#### **Identified Special Risks**

Street flooding has occurred within the Easton Road, Keswick Avenue area including Geneva Avenue. In the past numerous commercial basements have filled with storm water creating a hazardous condition requiring fire department action.

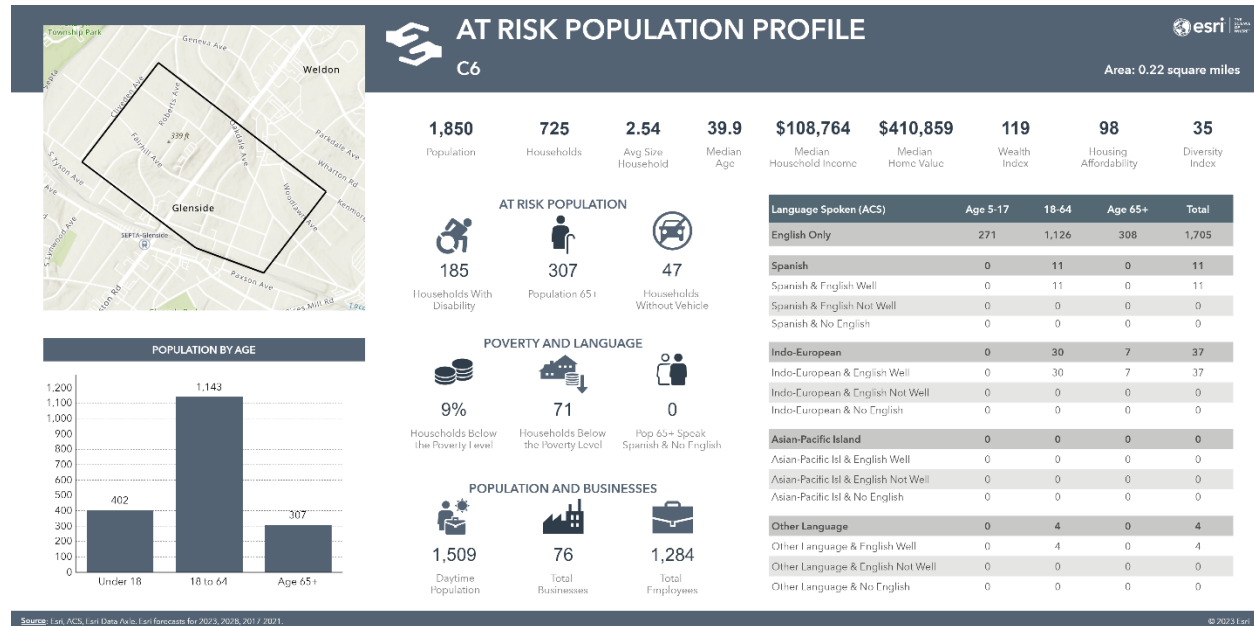
#### **Fire Flow Concerns**

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE C-6



### Community Profile

This area is best described as predominantly residential with approximately 725 single family and twin dwellings mostly constructed prior to WWII. There are approximately 1,850 residents in this zone. Along Easton Road there is the Rosemore Garden Apartment Complex with 14 buildings and 154 apartments. Also within this zone are the St. Luke’s Church, School, Rectory and Convent, St. Paul’s Lutheran Church and the Lighthouse Fellowship Church. There is also a section of mixed commercial and apartments on Keswick Avenue and some commercial on Mt. Carmel Avenue.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Weldon Fire Company is the first due station assigned this area located within 0 to .5 miles.

The Company operates the first and second due engines as well as heavy rescue company. The Company is equipped to perform heavy and technical as well as water rescues. First and second due truck companies are supported by the Edge Hill, Roslyn and Abington Fire Companies and mutual aid with Glenside Fire Company, all located within 1 to 1.25 miles. Additional engines are supported by Edge Hill, Roslyn and Abington Fire Companies as well as mutual aid through Glenside Fire Company.

Hazardous materials response are through the Weldon Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within adjacent Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal’s Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Easton Road and Keswick Avenue. The major east/west roadway is Mt. Carmel Avenue. The southern border of this zone is the SEPTA railroad, a predominantly electric commuter rail line with some NS/CSX freight traffic. Pedestrian traffic is mostly light with heavy periods near the churches in this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Saint Luke's School (OVAP:50.40)	2336 Fairhill Avenue
St. Paul's Lutheran Church (OVAP:51.33)	106 Easton Road
Glenside United Church of Christ (OVAP:40.60)	2160 Wharton Road
Glenside Bible Church (OVAP:44.33)	447 Keswick Avenue

#### **Identified Medium Risk**

Rosemore Garden Apartments	218 Easton Road
St. Luke the Evangelist Church (OVAP:32.20)	2336 Fairhill Avenue
Lighthouse Fellowship Methodist Church (OVAP:38.73)	137 Easton Road

#### **Identified Special Risks**

During an extremely heavy rainstorm, tropical storm or hurricane Keswick Avenue can flood causing a fast-moving flow of water resulting in swift water type rescues and numerous commercial flooded basements.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE D-1



### Community Profile

This area is best described as predominantly residential properties with approximately 329 single family and some twin-family residences with an approximate population of 984. Some construction pre-dates WWII and some additional 1950-1960 construction. The dwellings range in size from above 1800 sq.ft. to 3,000 sq. ft. There are approximately 1085 residences in this zone. At Old Welsh Road and Edge Hill Road is the Overlook Elementary School protected throughout by an automatic sprinkler system. Also, within this zone are Roychester Park and the Roychester Park Community Center. The Community Center is used by local residents, Boy and Girl Scouts.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within 1 to 1.5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 3 miles from this planning zone. Second due truck companies are supported by the Roslyn Fire Company and mutual aid with Upper Moreland Fire Department. Additional engines are supported by Roslyn and Weldon Fire Companies as well as mutual aid through Upper Moreland Fire Department.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The major North-South roadway is Edge Hill Road. The major East-West roadway is Old Welsh Road and Moreland Road. Pedestrian traffic within this zone is light except near the school during arrival and dismissal.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk**

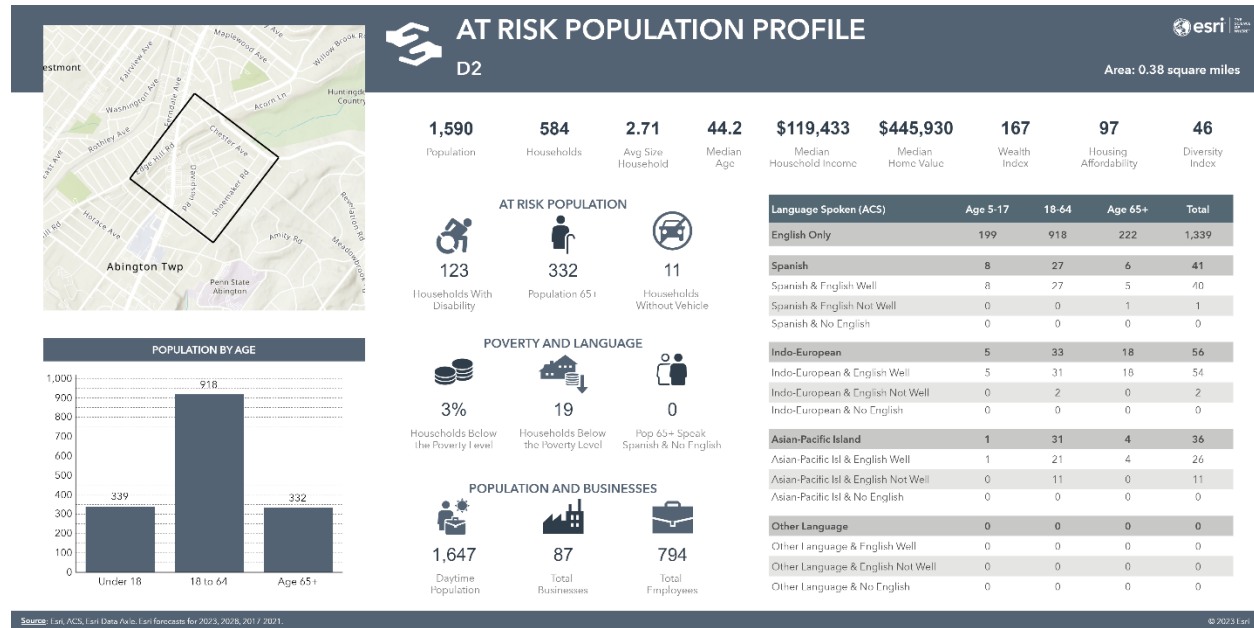
Overlook Elementary School (OVAP:30.02)                      1750 Edge Hill Road

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE D-2



### Community Profile

This area is best described as a mixture of some commercial and residential properties. There are about 50 commercial properties that include two large shopping centers, both of which are protected by automatic sprinkler systems. Properties along the Old York Road corridor include restaurants, gas stations and offices. Within the Abington Shopping Center is a Target, T.J. Maxx and 6 additional smaller retail outlets. Across the street in the Abington Town Center is a Michael's craft store and additional smaller retail and restaurant facilities. There are approximately 584 residential properties within this zone, about 50 % of which were constructed prior to WWII. The dwellings are a mixture of single family and twin dwellings. They range in size from 1800 sq. ft. to above 3,000 sq. ft. There are about 1,590 residents within this zone. Also within this zone is the Our Lady Help of Christians Church and parochial school.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within .5 to 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.5 miles from this planning zone. Second due truck companies are supported by the Roslyn Fire Company and mutual aid with Upper Moreland Fire Department. Additional engines are supported by Roslyn and Weldon Fire Companies as well as mutual aid through Upper Moreland Fire Department.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 1.5 to 2 mile. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Transportation Issues**

The major north/south roadways in the zone are Old York Road and Edge Hill Road. Old Welsh Road is the major east/west roadway. Pedestrian traffic is mostly low except near the churches, schools and shopping center lots.

### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Our Lady Help of Christians Church (OVAP:53.04)	1500 Marian Road
Regina Coeli Academy (OVAP:53.04)	1500 Marian Road

#### **Identified Medium Risks**

Abington Shopping Center (OVAP:37.47)	1411-1441 Old York Road
Abington Towne Center Shopping Center (OVAP:35.10)	1475-1495 Old York Road
Abington Town Center Annex (OVAP:35.10)	1475 Old York Road
Nittany Apartments	1643 Old York Road
Edge Hill Apartments	1575 Edge Hill Road
Harrison Apartments	1567 Old York Road
Sho-Hill apartments	1581 Edge Hill Road

#### **Identified Special Risks**

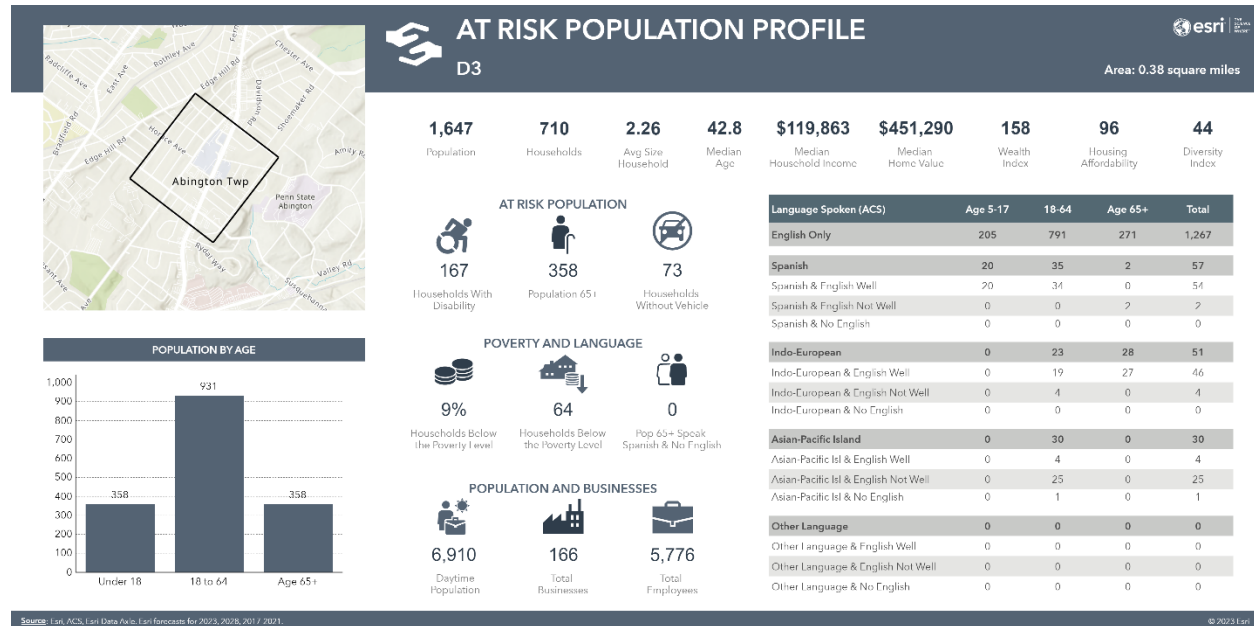
Flooding – In the areas of York Road and Rockwell Road, Davidson Road between London Road and Marian Road. Marian Road and Chester Ave During heavy rains, tropical storms, flooding has taken place resulting in numerous swift water rescues.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE D-3



### Community Profile

Located in the center of Abington Township, this zone is a mixture of commercial and residential properties. Some of the commercial properties located within this zone are Abington Memorial Hospital, Abington Post Office, Abington Fire Company and the Abington Township Municipal Building and Police Headquarters. There are approximately 75 commercial properties with an additional 710 residential single family and twin residences. Approximately 50 % of the construction pre dates WWII with the remaining structures built in the 1950's. There are about 1,647 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within 0 to .5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.25 to 1.75 miles from this planning zone. Second due truck companies are supported by the Roslyn and Edge Hill Fire Company and mutual aid Upper Moreland Fire Department. Additional engines are supported by Roslyn, Weldon and Edge Hill Fire Companies as well as mutual aid through Upper Moreland.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 1 to 1.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Transportation Issues

Old York Road is the major north/south roadway with Susquehanna Road being the major east/west roadway.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### Identified Special Risks Buildings

Abington Presbyterian Church & School (OVAP:42.93)	1082 Old York Road
Abington Jefferson Hospital (OVAP:45.73)	1200 Old York Road
Abington Fire Company	1920 Horace Avenue
Abington Police Dept/Municipal Building (OVAP:37.80)	1176 Old York Road
Sunrise of Abington (OVAP:39.2)	1801 Susquehanna Road

#### Identified Medium Risks

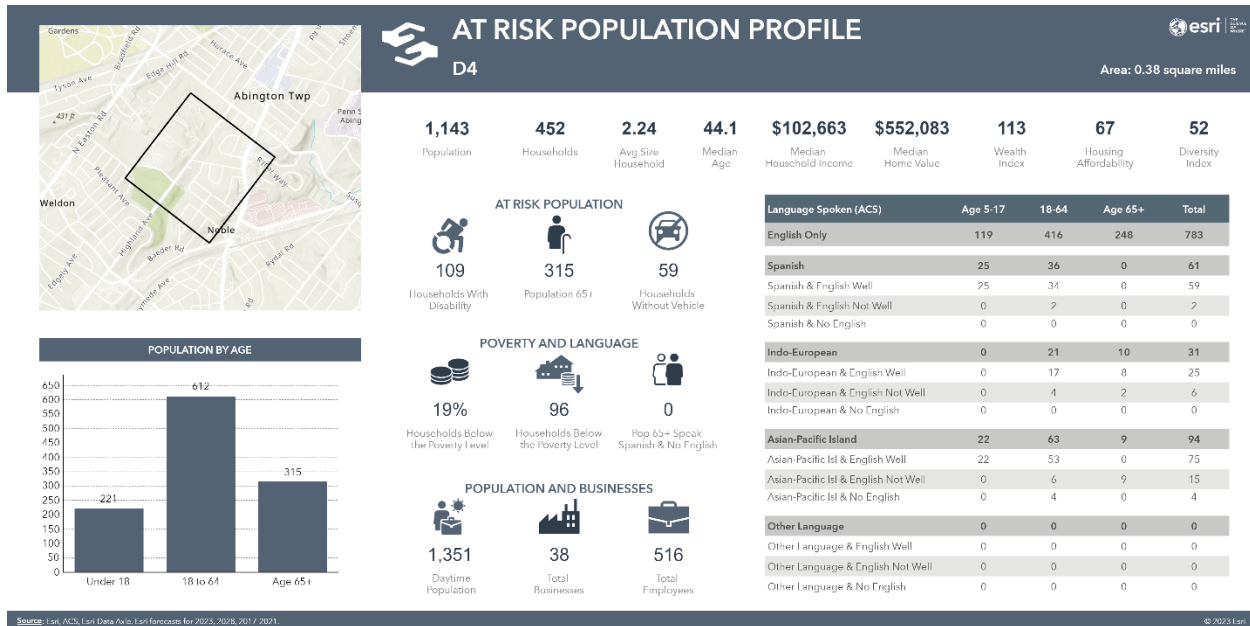
Children's Hospital Medical Building	1073 Old York Road
Levy Medical Plaza	1235 Old York Road
Abington School District Bus Depot	1230 Huntington Road
Gerstadt Day Care Center	1319 Old York Road

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE D-4



### Community Profile

This zone is predominantly single family dwellings of between 1400 sq. ft. and 2,400sq.ft. Also within this zone are the Abington Middle and High Schools. Both buildings are protected with partial automatic sprinkler systems as well as full fire alarm systems. In 2017, Penn State University Abington opened Penn State Lionsgate Apartments, a 400-student housing center that is five stories and protected by a sprinkler and fire alarm system. Also within this zone is the Jericho Manor Apartments consisting of 5 buildings with 136 living units. The Abington Library is located within this zone. There are about 452 residential single-family dwellings located within this zone, with an approximate population of 1,143 residents. Also, within the zone is the Baederwood Park, a large, wooded township owned park.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within .25 to .75 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.25 miles from this planning zone. Second due truck companies are supported by the Roslyn and Edge Hill Fire Companies. Additional engines are supported by Roslyn, Weldon and Edge Hill Fire Companies

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 1 to 2 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Transportation Issues

The major north/south roadways in the zone are Old York Road and Highland Avenue. There is no major east/west roadway.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### Identified Special Risks Buildings

Abington Middle School (OVAP:43.24)	2056 Susquehanna Road
Abington High School (OVAP:33.44)	900 Highland Avenue
Abington School District Administration Offices (OVAP:37.80)	970 Highland Avenue
Jericho Manor Apartments (OVAP:40.22)	841 Highland Avenue
Penn State Lionsgate Apartments (OVAP:48.82)	1001 Old York Road

This building is fully sprinklered and has 24-hour staffing.

#### Identified Special Risks

Schwarzman Stadium	900 Highland Avenue
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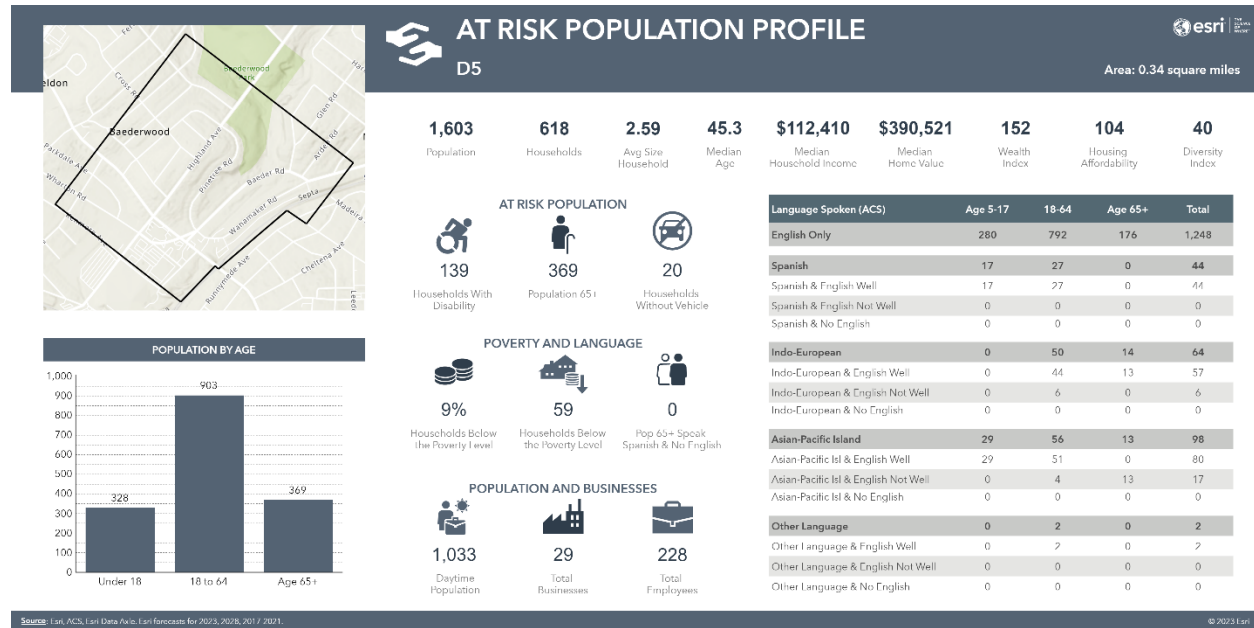
### Fire Flow Concerns

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE D-5



### Community Profile

This zone is predominantly single family dwellings ranging in size from 1,000 sq. ft to 2,600 sq. ft. Most of the dwellings were constructed in the 1950's. There are about 618 dwellings located within this zone, with an approximate population of 1,603 residents. There are some commercial, gas stations, large retail auto sales building located within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Weldon Fire Company is the first due station assigned this area located within .25 to 1 mile.

The Company operates the first and second due engines as well as first due rescue company. The Company is equipped to perform heavy, technical as well as water rescues. Truck companies are supported by the Edge Hill and Abington Fire Companies. Additional engines are supported by Abington, Edge Hill and Roslyn Fire Companies

Hazardous materials response are through the Weldon Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Highland Avenue and Baeder Road. The major east/west roadway is Jenkintown Road. The SEPTA north/south and CSX railway tracks (former Reading RR West Trenton Branch) run through this zone. Both electric commuter trains and an occasional freight train use this branch daily.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risks**

Madison Manor Apartments  
Lightbridge Academy

501 Wanamaker Road/1875 Jenkintown Road  
361 Highland Avenue

#### **Identified Special Risks**

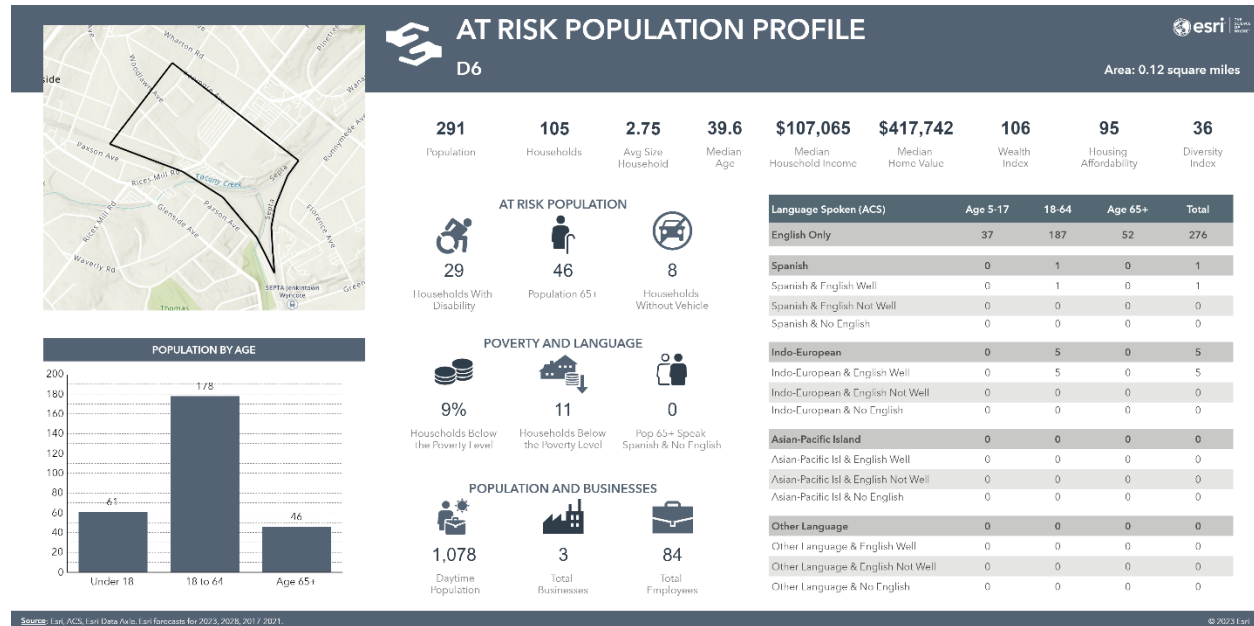
Street and residential flooding in the Baeder Road and Wannamaker Road area has occurred within this planning zone on several occasions in the past. Several homes have been purchased, raised and the property converted to a park/detention basin.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE D-6



### Community Profile

This zone is predominantly single family and twin dwellings with some industrial. There are about 105 dwellings mostly pre-WWII construction. The homes range in size from about 1,000 sq. ft to about 2,200 sq. ft. There are approximately 291 residents. The largest structure within this zone is the SPS Technologies complex, a SARA Title III facility which serves as a metal fabricator in the aerospace industry. Additionally, there are two large Philadelphia Electric Company sub-stations and a SEPTA railroad sub-station.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Weldon Fire Company is the first due station assigned this area located within .5 to 1 mile.

The Company operates the first and second due engines as well as first due rescue company. The Company is equipped to perform heavy, technical as well as water rescues. Truck companies are supported by the Edge Hill and Abington Fire Companies and mutual aid with Glenside Fire Company. Additional engines are supported by Edge Hill and Abington Fire Companies as well as mutual aid through Glenside Company

Hazardous materials response are through the Weldon Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 1.5 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway is Highland Avenue. The major east/west roadway is Mt. Carmel Avenue. The former Reading Railroad Bethlehem and West Trenton Branches, now the SEPTA north/south CSX runs through this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### Identified High Risk

SPS Technologies (OVAP:34.80)

301 Highland Avenue

#### Identified Special Risks

Street flooding has historically occurred during very heavy rainstorms, tropical storms or hurricanes. Numerous cars have been lost in the parking lot of SPS Technologies in the past as a result of flooding.



There is a double track high speed grade crossing at Highland Avenue and the border with Cheltenham Township. The grade crossing is protected with gates and flashing lights. The railroad is electrified with overhead catenary.

PECO Jenkintown Sub Station (OVAP:30.18)

201 Highland Avenue

PECO Wyncote Sub Station (OVAP:29.09)

357 Highland Avenue

**Fire Flow Concerns** – See Weldon Pre-Plan for SPS Technologies for additional water sources. The water supply within this planning zone is adequate to meet the needed fire flow with the SPS technologies exception.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE E-1



### Community Profile

This area is best described as totally residential consisting of 3,000 to 6,000 sq. ft. single family dwellings. Constructed both pre and post WWII there are approximately 91 dwellings with 292 residents in this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within 1 to 1.25 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 3 miles from this planning zone. Second due truck companies are supported by the Roslyn Fire Company and mutual aid with Upper Moreland Fire Department. Additional engines are supported by Roslyn and Weldon Fire Companies as well as mutual aid through Upper Moreland Fire Department.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway in the zone is Huntingdon Road. Old Welsh Road is the major east/west roadway.

### Community Risk Assessment Ratings

A risk assessment was completed on properties within this planning zone as part of the community risk assessment and all properties were found to be of moderate risk.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

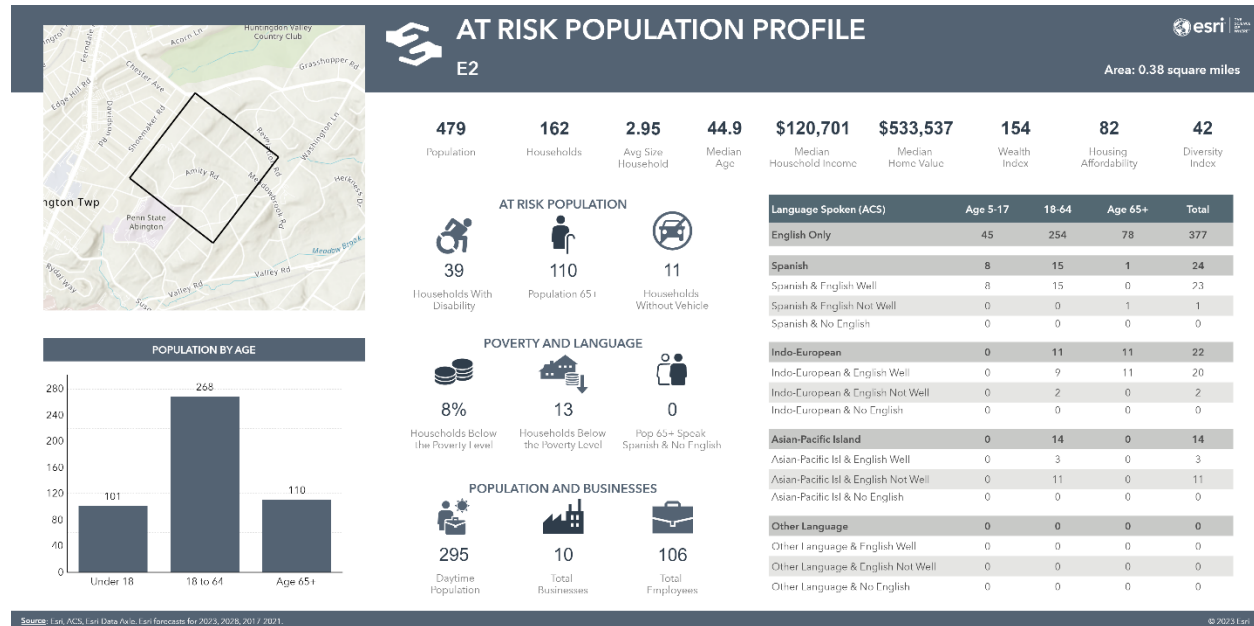
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**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE E-2



### Community Profile

This area is best described as totally large; 3,000 to 6,000 sq. ft. single family dwellings constructed both pre and post WWII. Additionally, there is a large private school, Meadowbrook School grades 1-8. Additionally portions of Penn State, Abington Campus is located in this zone. There are approximately 162 dwellings with a population of 479 residents in this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within .5 to 1.25 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.5 miles from this planning zone. Second due truck companies are supported by the Roslyn Fire Company and mutual aid with Upper Moreland Fire Department. Additional engines are supported by Roslyn and Weldon Fire Companies as well as mutual aid through Upper Moreland Fire Department.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2.5 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

A major artery in the planning zone is N-S Huntingdon Road.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risk**

Abington Baptist Church

1501 Huntingdon Road

#### **Identified Special Risks**

Pennsylvania State University Abington Campus (OVAP:40.13-57.71)

1600 Woodland Road

Meadowbrook School (OVAP:33.60)

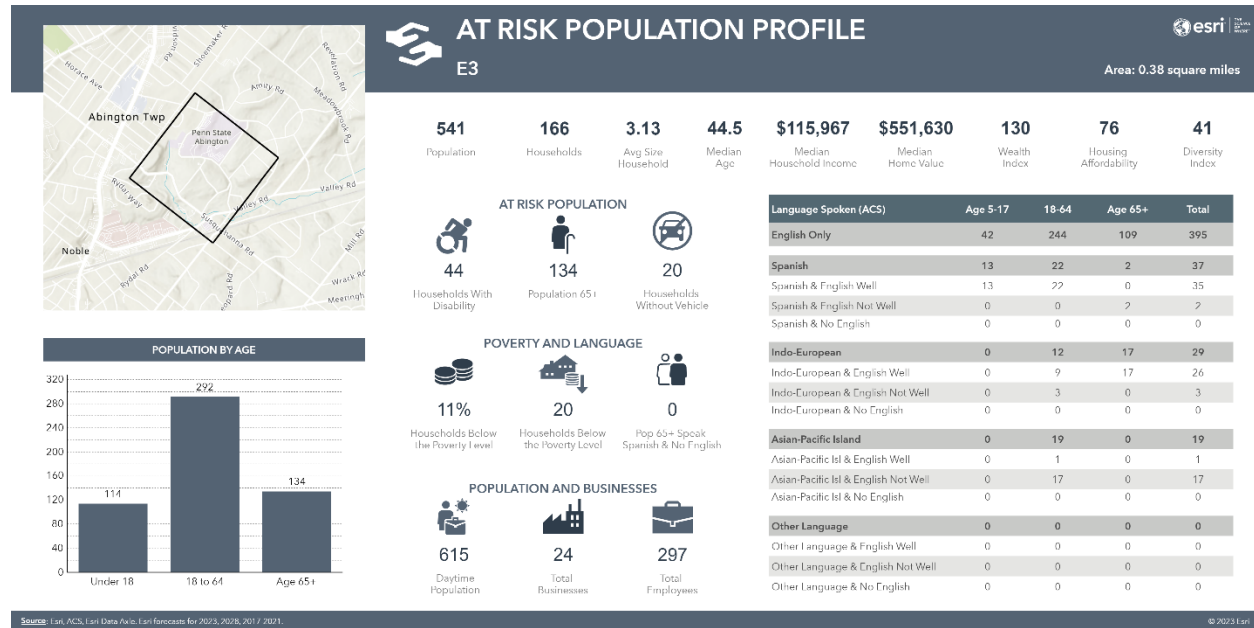
1641 Hampton Road

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE E-3



### Community Profile

This area is best described as a mixture of large single-family dwellings and educational facilities. A large portion of Penn State University, Abington Campus is located within this zone. Residential dwellings range in size from about 2,500 to 5,000 sq. ft. in space. Also, a portion of the Rydal Park Nursing and Independent Living Campus is located within this zone on the south border. There are about 166 single family dwellings with approximately 541 residents in this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within .25 to .75 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.5 to 2 miles from this planning zone. Second due truck companies are supported by the Roslyn and McKinley Fire Companies. Additional engines are supported by Roslyn, Weldon and McKinley Fire Companies.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Rydal Road, Valley Road and Huntingdon Road. The east/west roadway is Susquehanna Road.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Buildings**

Penn State University Abington Campus (OVAP:40.13-57.71)	1600 Woodland Road
The majority of Penn State's facilities are fully sprinklered.	
Rydal Park Nursing and Independent Living (OVAP:49.07)	1515 The Fairway
Rydal Park is fully sprinklered, staffed 24/7 and equipped with AFA.	

Flooding: the intersection of Susquehanna Road and Valley Road has been known to flood causing stranded motorist in periods of heavy rain, tropical storms and hurricanes.

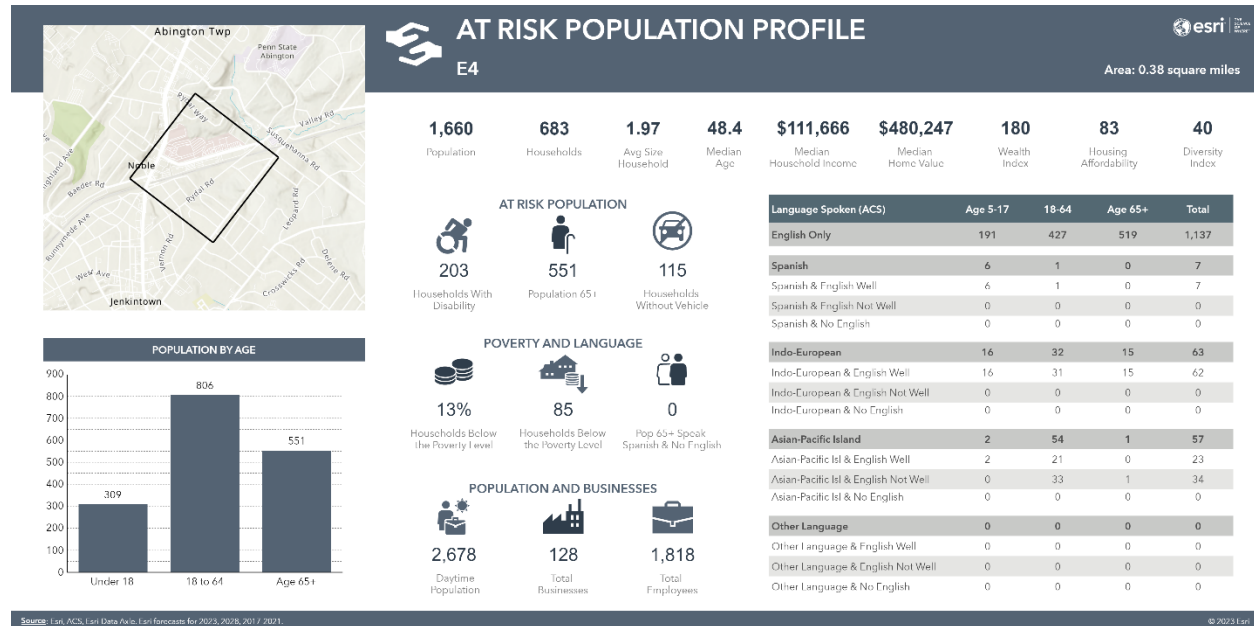
### **Fire Flow Concerns**

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE E-4



### Community Profile

This area is best described as a mixture of residential and commercial properties. Within this zone is the Baederwood Shopping Center, Rydal East and West Apartments, four large retail sales and service auto Centers and commercial retail properties along Old York Road. There are approximately 683 single family dwellings ranging in size from 1,000 to 3,500 sq. ft. constructed both pre and post WWII. There are about 1,660 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within .5 to 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.5 miles from this planning zone. Second due truck companies are supported by the Edge Hill and McKinley Fire Companies with mutual aid from Jenkintown Borough. Additional engines are supported by Edge Hill, Weldon and McKinley Fire Companies with mutual aid from Jenkintown Borough.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 1.5 to 2 mile. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Transportation Issues

The major north/south roadways in this zone are Old York Road and The Fairway (Rydal Road). The former Reading Railroad West Trenton branch runs through this zone. Now operated by SEPTA.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### Identified Special Risks Buildings

Rydal Park nursing home facility (OVAP:49.07)      1515 The Fairway  
Rydal Park is fully sprinklered, staffed 24/7 and equipped with AFA.

#### Identified Medium Risks

Baederwood Shopping Center	The Fairway
Noble Town Center	905-921 Old York Road
Noble Plaza	801 Old York Road
Noble Square	817 Old York Road
Jenkintown Day Nursery (OVAP:35.20)	796 Baeder Road
Temple Beth-Am (OVAP:31.20)	971 Old York Road

#### Identified Special Risks

Within this zone is the Rydal Road railroad crossing (a high-speed crossing) on Rydal Road about 400 yards south of Rydal Road and The Fairway. This is a high-speed double track crossing protected by gates and flashing lights. The railroad is electrified with overhead catenary.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE E-5



### Community Profile

This area is a mixture of both residential and commercial properties. There are about 99 single family and twin dwellings ranging in size from 1,000 to 3,400 sq.ft. The residences were constructed prior to WWII. The commercial properties along Old York Road consist of two strip malls, and Cloverly Plaza. Both facilities are fully sprinklered with some additional small business and restaurants. There are approximately 292 residents living within this zone. A large portion of this zone lies within Jenkintown Borough.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within 1 to 1.5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.5 miles from this planning zone. Second due truck companies are supported by the Edge Hill and McKinley Fire Companies with mutual aid from Jenkintown Borough. Additional engines are supported by Edge Hill, Weldon and McKinley Fire Companies with mutual aid from Jenkintown Borough.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2-3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway is Old York Road and Baeder Road. There are no major east/west roadways. The SEPTA and CSX NS Railroads run through this zone.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risk**

Cloverly Plaza Shopping Center

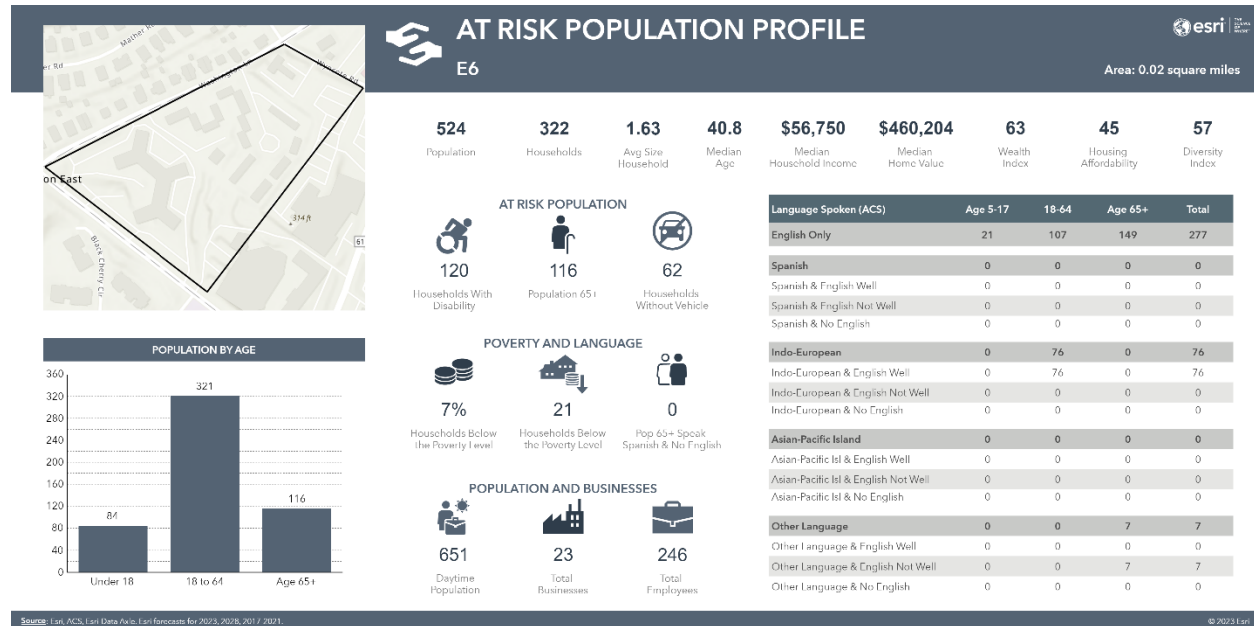
616-636 Old York Road

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE E-6



### Community Profile

The majority of this zone lies within the boundaries of Jenkintown Borough. On the South West corner along Washington Lane are the 100 York Apartments, an 8 story mid-rise and Jenkintown Garden Apartments. There are no single-family dwellings in this zone. The population of this zone is approximately 524 residents.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1 mile.

The Company operates the first and second due engines as well as first due truck company.

The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1 to 1.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Abington and Weldon Fire Companies as well as mutual aid through Jenkintown Borough.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Major roadways traveling north/south is Old York Road while Township Line Road is the east/west corridor.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified High Risk**

100 York Apartments (OVAP:33.47)

101 Washington Lane

#### **Identified Medium Risk**

Jenkintown Garden Apartments

155 Washington Lane

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE F-1



### Community Profile

This area is totally residential properties ranging from approximately 2,000 sq. ft. to 4,500 sq. ft. in size. There are about 123 single family dwellings, some constructed pre-WWII. The majority of the dwellings were constructed in the 1950's through 2006. There are approximately 320 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within 1.25 to 2 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2.5 to 3 miles from this planning zone. Second due truck companies are supported by the Roslyn Fire Company and mutual aid with Upper Moreland Fire Department. Additional engines are supported by Roslyn and Weldon Fire Companies as well as mutual aid through Upper Moreland Fire Department.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway in this zone is Washington Lane. There are no major east/west roadways. Large single-family dwellings on Deer Run Road, a private road, are a concern due to the fire potential and the narrow width of the private roadway.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks**

Dwellings on Deer Run Road due to narrow width of private road, fire flow requirements related to the size of dwellings.

**Fire Flow Concerns** Water supply and access to extra-large dwellings on Deer Run Rd. Laurel Hill Lane an adjacent cul-de-sac is an alternate water supply. See pre-plan.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE F-2



### Community Profile

This zone is totally residential, consisting of about 114 single family dwellings ranging in size from 2,000 sq. ft. to 4,500 sq. ft. A large portion of this area was formerly farmland. The dwellings range in date of construction from pre-WWII up to 2007. There are approximately 368 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The Abington Fire Company is the first due station assigned this area located within 1 to 1.75 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 3 miles from this planning zone. Second due truck companies are supported by the Roslyn and McKinley Fire Companies. Additional engines are supported by McKinley and Weldon Fire Companies.

Hazardous materials response are through the Abington Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways in the zone are Valley Road and Washington Lane. Meadowbrook Road is the major east/west roadway. The SEPTA and CSX NS railroad tracks formerly the Reading Railroad West Trenton branch run through this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

### **Identified Special Risks**

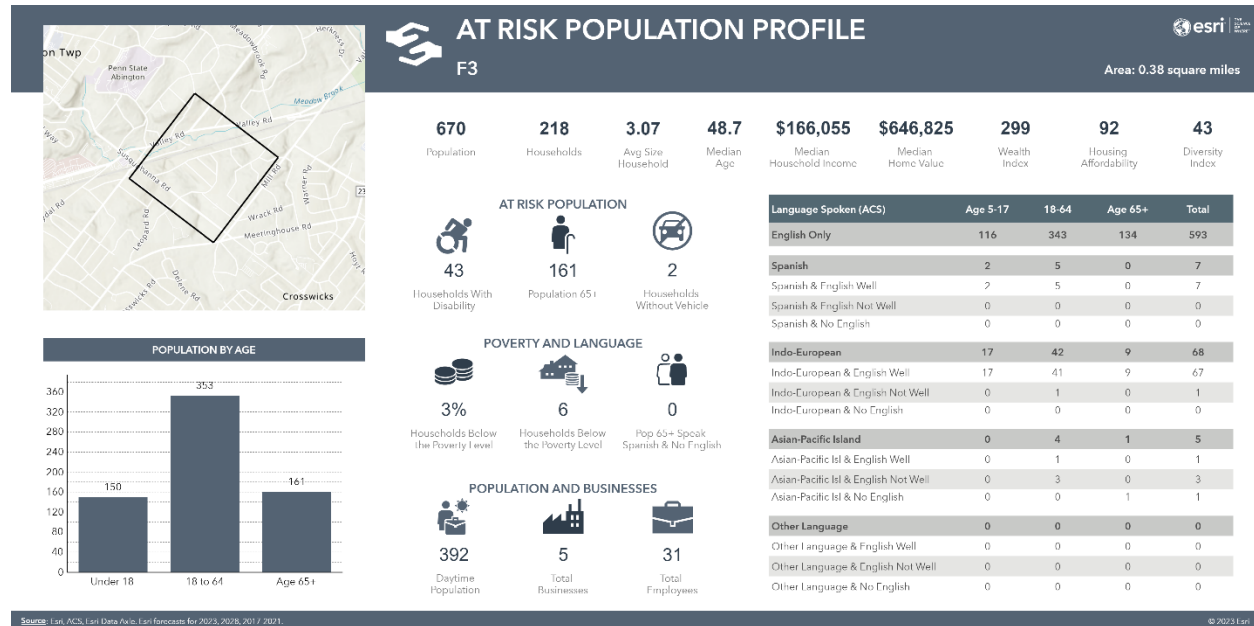
None

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE F-3



### Community Profile

This planning zone is totally residential consisting of approximately 218 single family dwellings ranging in size from 1,700 sq. ft. to 4,200 sq. ft. Periods of construction range from pre-WWII to the present. There are about 670 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1 to 1.5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.75 to 2.25 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Abington and Weldon Fire Companies as well as mutual aid through Jenkintown Borough.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 2.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Valley Road and Washington Lane. The major east/west roadway is Susquehanna Road. The SEPTA and CSX NS railroad tracks formerly the Reading Railroad West Trenton branch run through this zone.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks**

Street flooding has historically occurred in the vicinity of Valley Road and Susquehanna Road resulting in water rescue calls during heavy rainstorms, tropical storms and hurricanes.

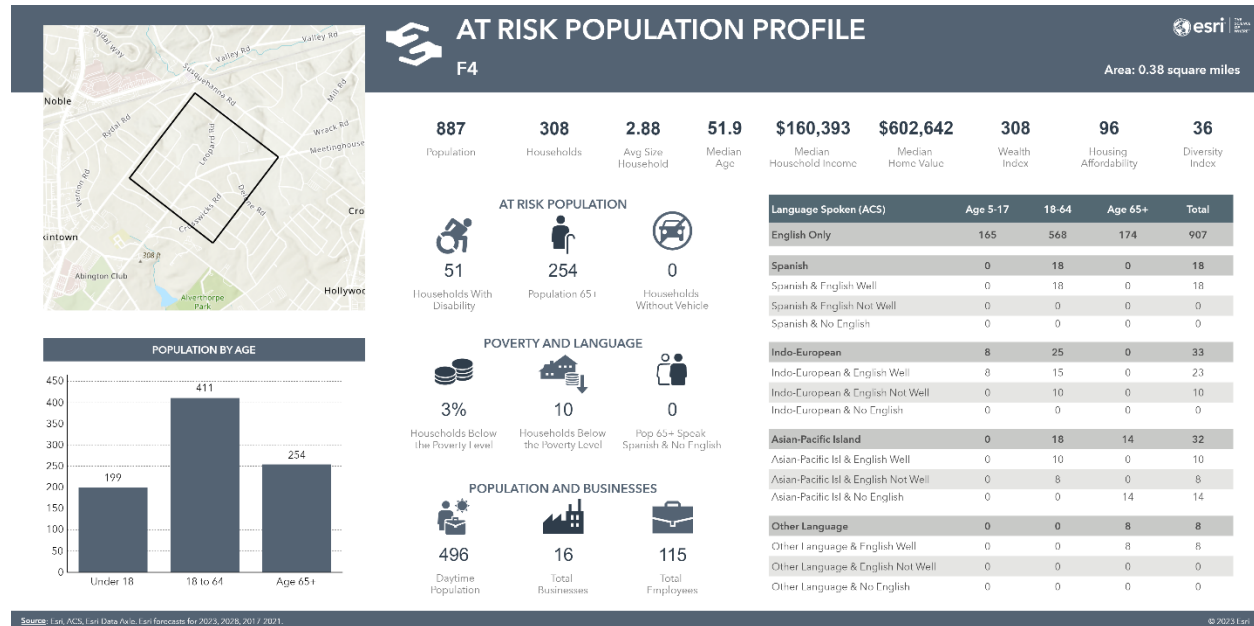
The railroad bridge over the intersection of Susquehanna and Washington Lane due to configuration of the roadway can impede emergency response vehicles especially mutual aid companies who may be unfamiliar with this complex intersection.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE F-4



### Community Profile

This planning zone is totally residential consisting of approximately 308 single family dwellings ranging in size from 1,600 sq. ft. to 4,200 sq. ft. Periods of construction range from pre-WWII to the present. There are about 887 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1 to 1.5 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.75 to 2.25 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Jenkintown Borough.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways in this zone are Meetinghouse Road and Washington Lane. There are no major east/west arteries.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Identified Medium Risk**

St. Mark's Church Nursery School

1162 Beverly Road

### **Identified Special Risks**

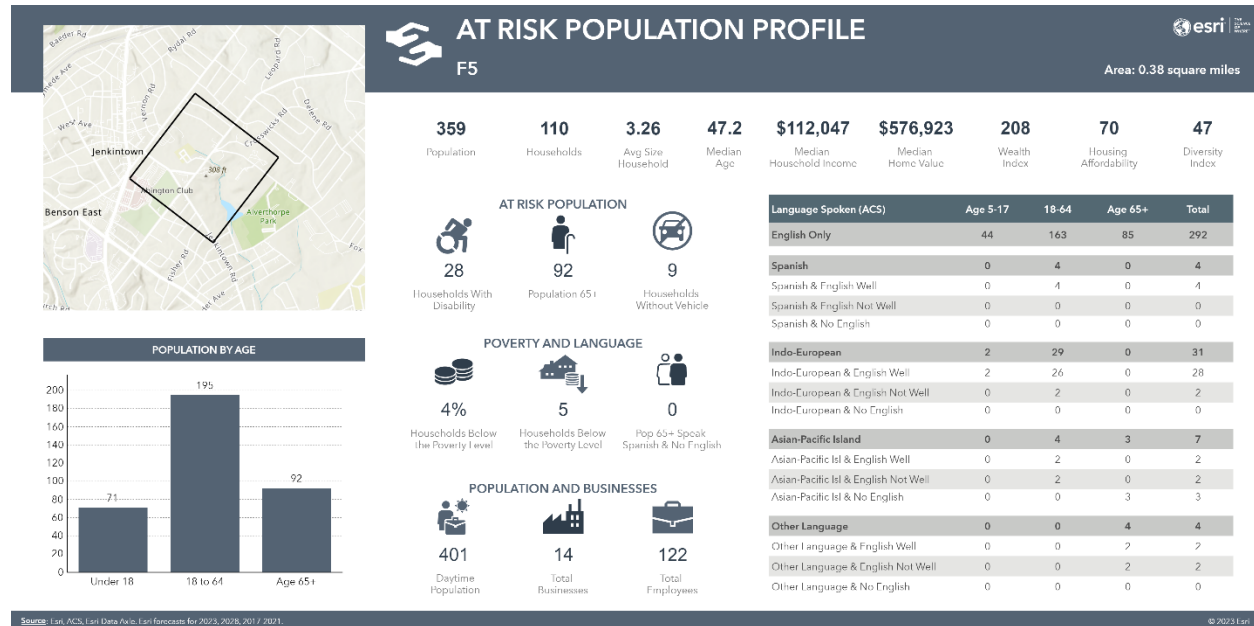
This planning zone experienced a fire related fatality on 1/8/05 at 929 Frog Hollow Terrace a w/f, 87 years.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE F-5



### Community Profile

This planning zone is a mixture of residential, a large private school facility and a high-rise condominium complex. There are approximately 110 single family dwellings ranging in size from 1,600 sq. ft. to 4,000 sq. ft. There are approximately 359 residents in this zone. Additionally, the Abington Friends School Complex is located within this zone consisting of 8 buildings and athletics fields.

The Plaza Condominiums is an 8-story building with 224 living units.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within .5 to 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.5 to 2 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Jenkintown Borough.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways in this zone are Washington Lane and Meetinghouse Road. Jenkintown Road and Greenwood Avenue are the major east/west roadways.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified High Risks**

The Plaza Apartments 1250 Greenwood Avenue

The Flats at Jenkintown (OVAP: 44.40) 1300 Greenwood Avenue

#### **Identified Special Risk Buildings**

Abington Friends School (OVAP:30.67) 575 Washington Lane

Abington Friends Meeting (OVAP:44.00) 575 Meetinghouse Road

#### **Identified Medium Risk**

Alvethorpe Manor 515 Meetinghouse Road

Meadowlane Montessori Day Care Facility 616 Meetinghouse Road

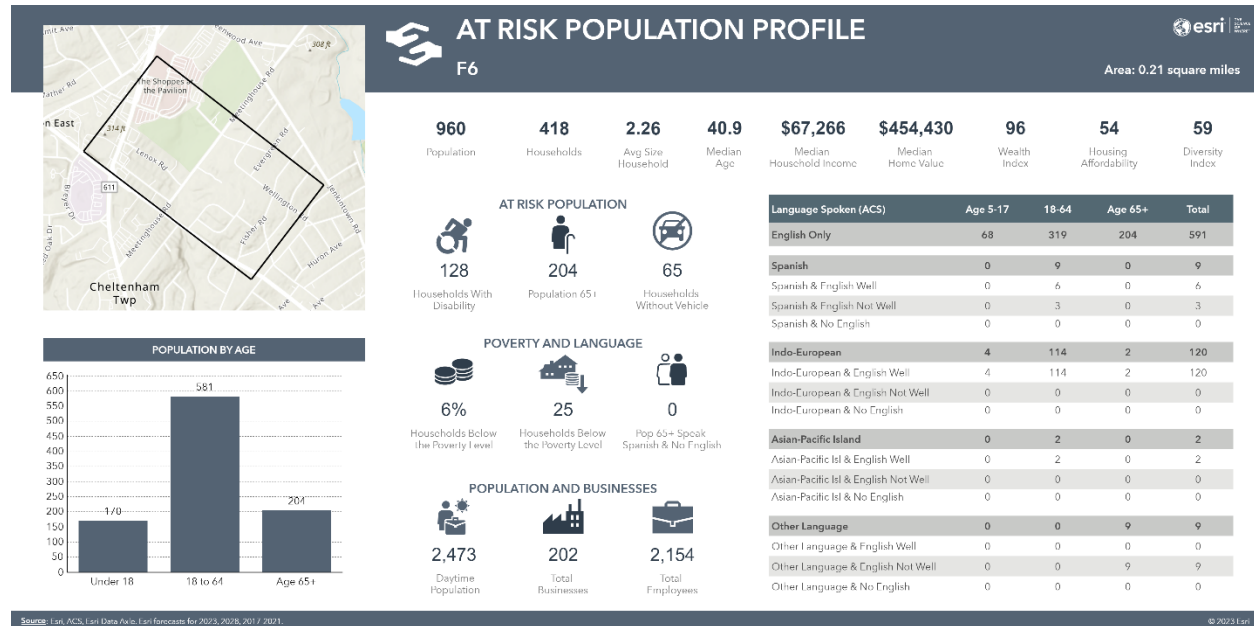
### **Fire Flow Concerns**

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE F-6



### Community Profile

This area is a mixture of residential and a large commercial area of a high-rise 10 story structure with offices and retail spaces. Another structure consists of an Acme Supermarket, restaurant and additional retail. Also within this zone is a high-rise 12 story apartment building with mixed offices and retail along with 288 living units. Along Old York Road is located a large automobile sales and service facility with a bow string truss roof. There are approximately 418 single family dwellings within this zone ranging in size from 1,500 sq. ft. to 3,200 sq. ft. There are about 960 residents in this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within .5 to 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 1.5 to 2 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Jenkintown Borough.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Old York Road and Meetinghouse Road. Township Line Road is the major east/west tributary.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified High Risks**

The Pavilion

261 Old York Road

100 York Apartments (OVAP:33.47)

100 Old York Road & 101 Washington Lane

#### **Identified Special Risks**

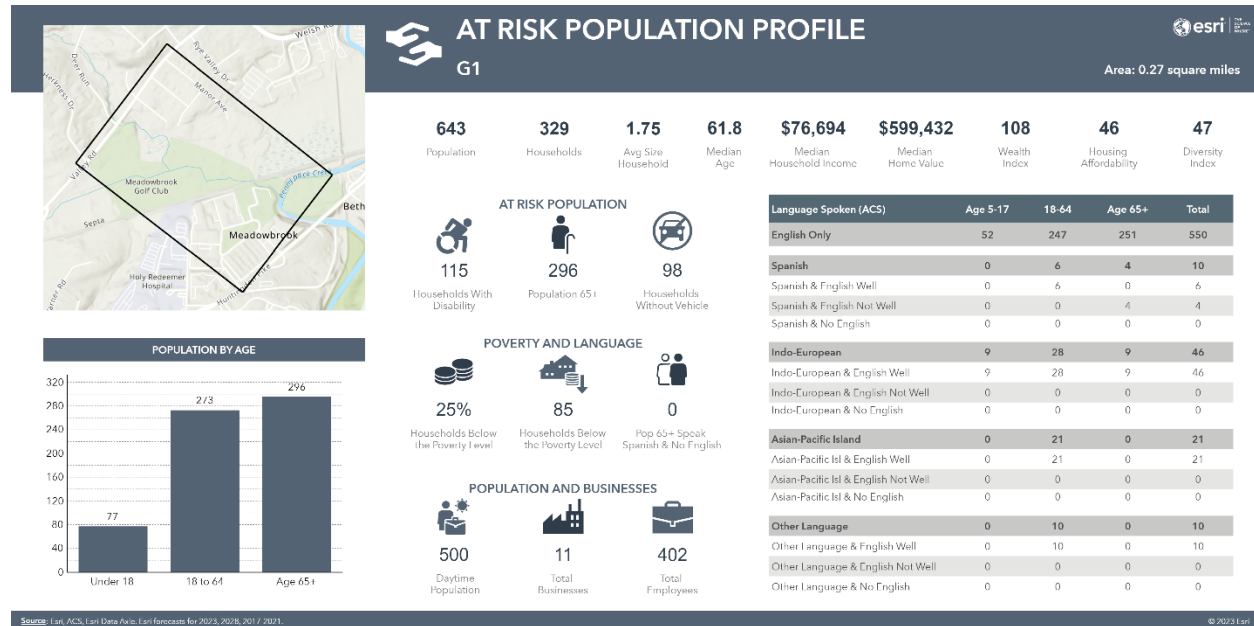
This planning zone experienced a fire related fatality on 11/20/01 at 100 Old York Road, a b/f, 67 years.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE G-1



### Community Profile

This area is part residential, private golf course and open land. There are approximately 329 single family dwellings within this zone. The dwellings for the most part were constructed post WWII and range in size from 1,400 sq. ft. to 3,500 sq. ft. There are about 643 residents living within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 2.5 to 3 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3 to 3.25 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Huntingdon Valley Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntingdon Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway is Valley Road. The SEPTA and CSX NS railroad tracks formerly the Reading Railroad West Trenton branch run through this zone.

### Community Risk Assessment Ratings

A risk assessment was completed on properties within this planning zone as part of the community risk assessment using Vision Software.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

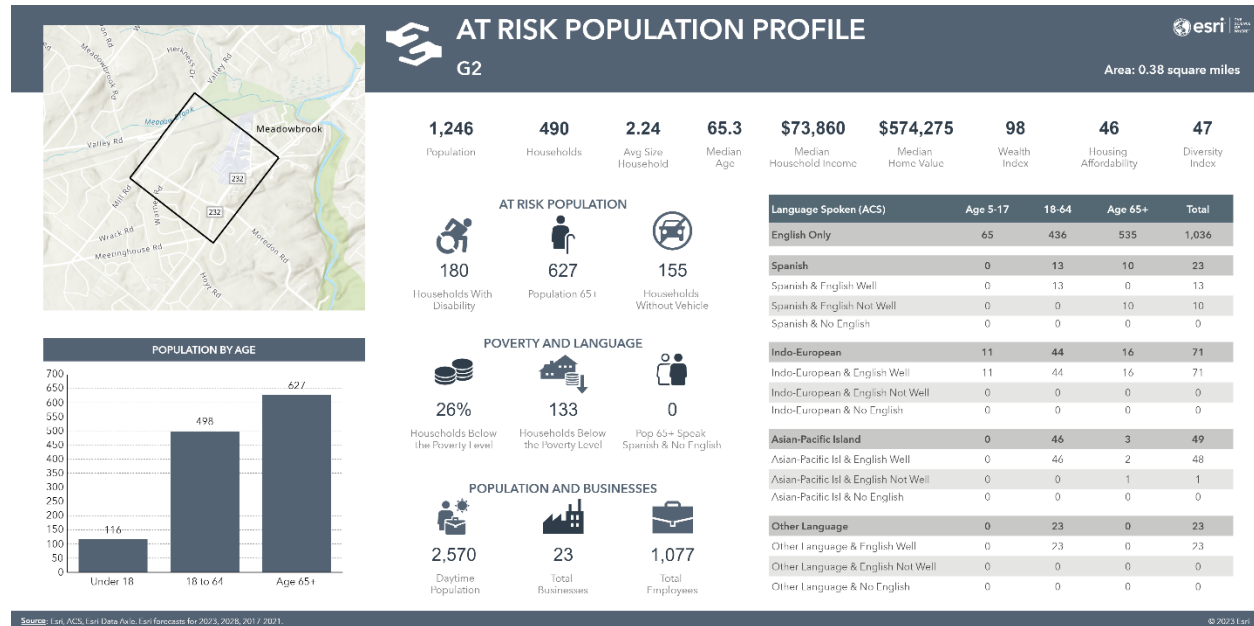
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**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE G-2



### Community Profile

This area is predominantly residential with about 490 single family dwellings mostly constructed between 1950 and 1960 with some pre-WWII. Dwellings range in size from 1,500 sq. ft. to 4,000sq. ft. The population in this zone is approximately 1,246 residents. The Holy Redeemer Hospital complex is located in the northeast corner of this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 2 to 2.25 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2.5 to 3 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid from Rockledge Fire Company and Huntingdon Valley Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntington Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Huntingdon Pike and Valley Road. Moredon Road is the major east/west roadway. The SEPTA and CSX NS railroad tracks formerly the Reading Railroad West Trenton branch run through this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risk**

Meadowbrook Apartments (OVAP:31.66)	1700 Huntington Pike
Hill House Condominiums	1680 Huntington Pike
Saint Joseph Manor	1616 Huntington Pike
Happy R Wee Daycare	1501 Huntington Road

#### **Identified Special Risk Buildings**

Holy Redeemer Hospital (OVAP:42.93)	1648 Huntingdon Pike
Holy Redeemer Day Care (OVAP:42.93)	1948 Huntingdon Pike
Redeemer Village (OVAP:43.33)	1551 Huntingdon Pike

### **Fire Flow Concerns**

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE G-3



### Community Profile

This zone is predominantly single-family dwellings ranging in size from 1,700 sq. ft. to 4,000 sq. ft. The construction dates from pre-WWII to present day with the majority constructed between 1950 and 1960. There are about 738 residents living in approximately 258 dwellings within this zone. There are two elementary schools and one medium size church within this planning zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1.5 to 2 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2.5 to 3 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid from Rockledge and Huntingdon Valley Fire Companies. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntington Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadways are Meetinghouse Road and Mill Road. Susquehanna Road is the major east/west roadway.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks Buildings**

Rydal West Elementary School (OVAP:38.42)	1231 Meetinghouse Road
St. Hillary of Poitiers School	920 Susquehanna Road

#### **Identified Medium Risks**

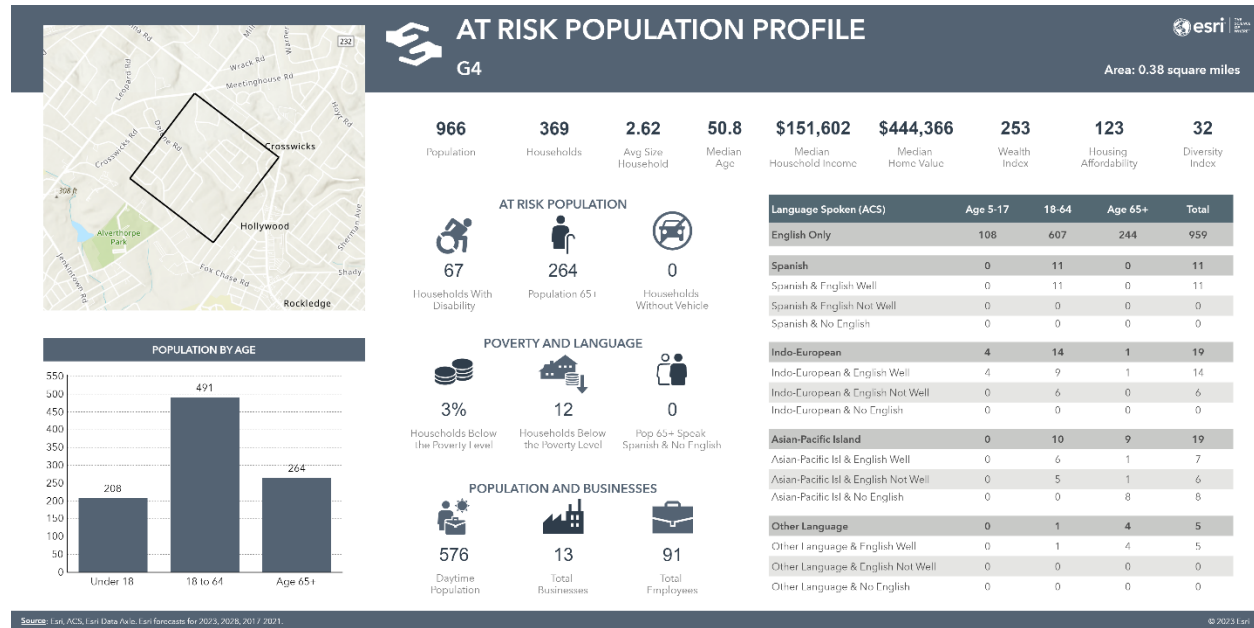
St. Hillary Church	920 Susquehanna Road
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**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE G-4



### Community Profile

This area is totally residential single-family dwellings ranging in size from 1,700 sq. ft. to 3,500 sq. ft. Construction dates from pre-WWII to present day with the majority built between 1950 and 1960. There are about 966 residents living in approximately 369 dwellings within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 2 to 2.25 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.75 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Jenkintown and Rockledge Boroughs.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 2 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Meetinghouse Road is the major north/south roadway.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. No High/Special Risk properties were identified.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

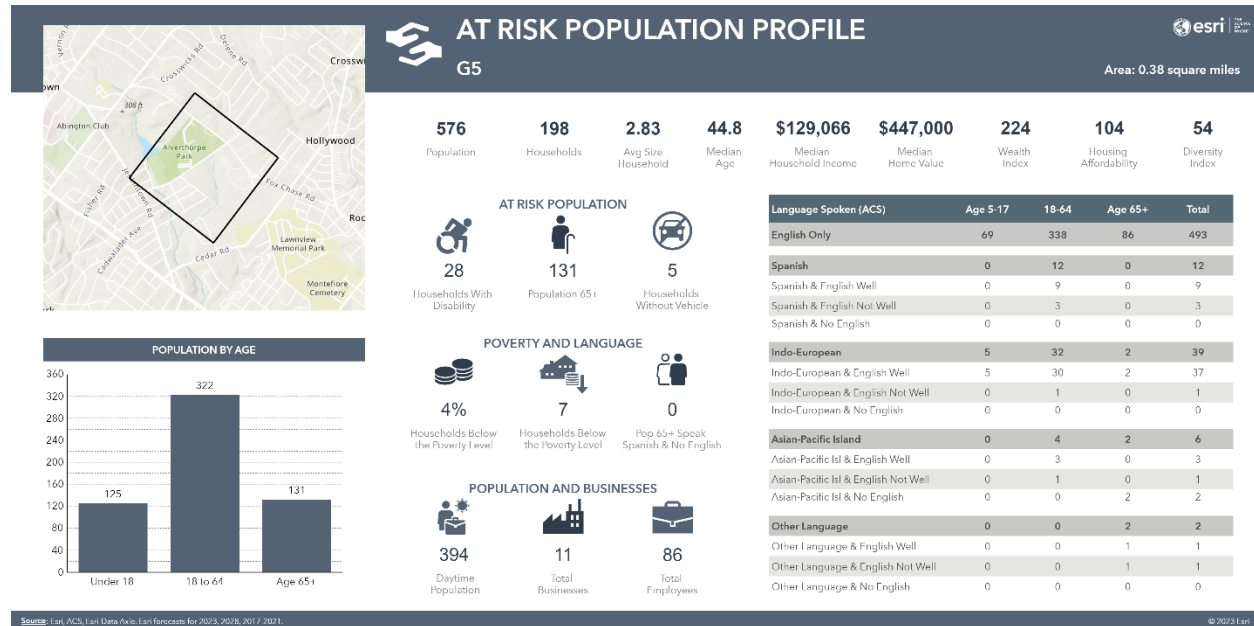
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**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE G-5



### Community Profile

This area is a mixture of single family, twin dwellings, large educational facilities and open parks. Dwellings range from 1,000 sq. ft. to 2,500 sq. ft. in size. Construction dates from pre-WWII to present with the vast majority built pre-WWII. There are about 576 residents living in approximately 198 dwellings within this zone. Also within this zone is Manor Junior College. Over 50% of the zone is occupied by Avelthorpe Park, the largest Abington Township Park facility.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within .2 to .75 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Jenkintown Borough

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3 to 3.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Forrest Avenue is the major north/west roadway in the zone. The major east/west roadways are Jenkintown Road and Fox Chase Road.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks Buildings**

Manor College (OVAP:40.60)	700 Fox Chase Road
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#### **Identified Special Risks**

Alverthorpe Lake within the park	498 Forrest Avenue
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Street flooding in the vicinity of Bar Harbor and Indian Creek Roads resulting in water rescue calls for service.

### **Fire Flow Concerns**

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE G-6



### Community Profile

This area is predominantly residential single-family dwellings with some twins. They range in size from 1,000 sq. ft. to 2,500 sq. ft. with construction dating mainly pre-WWII. There are approximately 1,284 residents living in 473 dwellings within this zone. There is a small commercial section on Jenkintown Road and Township Line Roads. These areas consist of small retail stores, some restaurants and some light industrial.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned to this area located within .25 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2 to 2.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Jenkintown Borough. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Jenkintown Borough

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3 to 3.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway is Forrest Avenue. Jenkintown Road and Township Line Road are the major east/west arteries.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks Buildings**

McKinley Fire Company	893 Jenkintown Road
Second Alarmer's Rescue Squad Elkins Park	876 Jenkintown Road
Cedar Tree Child Care (OVAP:53.20)	234 Cedar Road
Elkins Park United Presbyterian Church (OVAP:53.20)	234 Cedar Road

#### **Identified Medium Risks**

Reformed Presbyterian Church	200 Cadwalder Avenue
Calvary Baptist Church	241 Cadwalder Avenue

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE H-1



### Community Profile

This area is totally residential with a mixture of large single-family dwellings, town houses and a large unit apartment complex contained within part of this zone. The dwellings range from 1,700sq. ft. to 4,200 sq. ft. in size. The construction is almost 100% post WWII with some recent light weight truss construction within the town houses and some single-family dwellings. There are approximately 37 homes and 123 residents within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 2.5 to 3 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3.5 to 4 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Huntingdon Valley Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntingdon Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3 to 3.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway in this zone is Huntingdon Pike. The abandoned SEPTA NS CSX railroad tracks, formerly the Reading Railroad Newtown branch runs through this zone. The railroad right of way has been converted from rails to trails in this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risks**

Hill House Apartments	1680 Huntingdon Pike
Meadowbrook Apartments (OVAP:31.66)	1700 Huntingdon Pike

#### **Identified Special Risks**

The Pennypack creek enters our township from Lower Moreland Township and runs diagonally through this zone. In heavy rainstorms, tropical storms and hurricanes this creek is prone to heavy flooding.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE H-2



### Community Profile

This area is totally residential with a mixture of single-family dwellings ranging from 1,500 sq. ft. to 3,000 sq. ft. and a large private residential housing complex for the Holy Redeemer Sisters. A vast majority of this zone is wooded and open land. There are approximately 265 homes in this zone with about 361 residents.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 2 to 2.5 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3 to 3.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Huntingdon Valley Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntingdon Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3 to 3.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Huntingdon Pike is the major north/south roadway while Moredon Road provides east/west access. The railroad in this zone is abandoned and converted to trails.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Moderate Risk**

Love & Laughter Daycare Center	1407 Huntington Pike
Sisters of Redeemer – Barn (OVAP:29.45)	521 Moredon Road

#### **Identified Special Risks**

Holy Redeemer Mother House (OVAP:42.74)	521 Moredon Road
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Fully sprinklered and equipped with AFA.

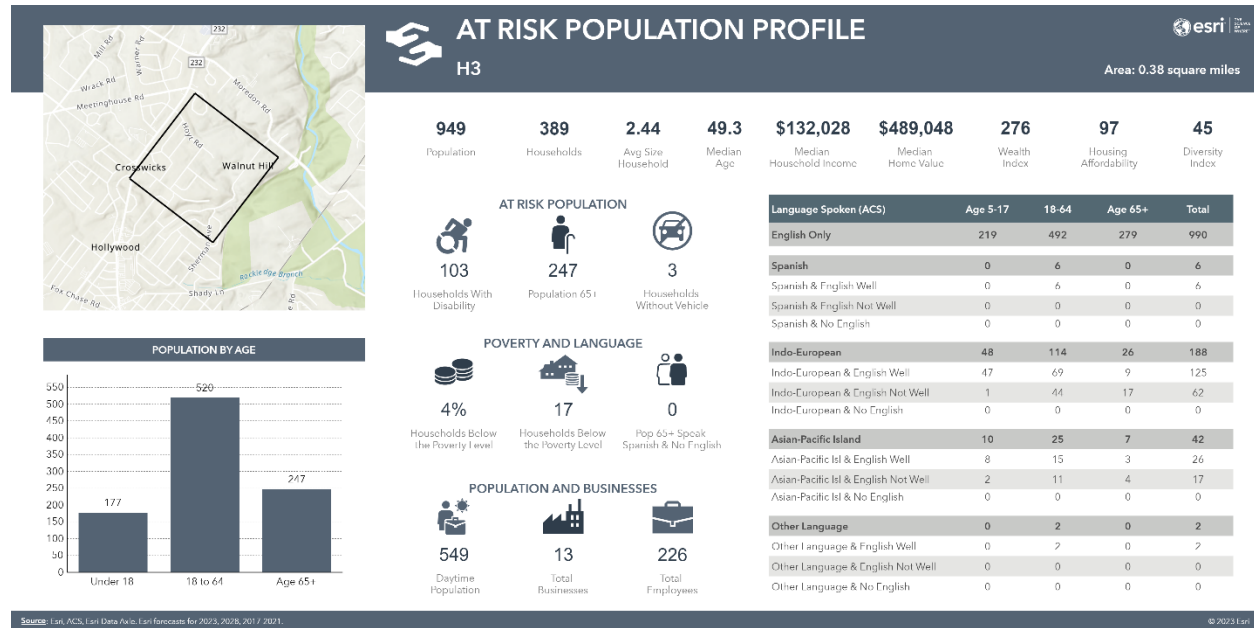
The Pennypack Creek runs diagonally through this zone. It is prone to heavy flooding during heavy rainstorms, tropical storms and hurricanes.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE H-3



### Community Profile

This area is almost totally single-family residential units ranging from 1,300 sq. ft. to 3,000 sq. ft. in size. Construction within this zone is mainly post WWII with some newer light weight truss construction. There are approximately 389 dwellings with 949 residents living within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1.5 to 2 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3 to 3.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Rockledge and Huntingdon Valley Fire Companies. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntingdon Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3 to 3.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

The major north/south roadway in the zone is Huntingdon Pike. Susquehanna Road is the east/west artery.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risk Building**

Rydal East Elementary School (OVAP:38.43)

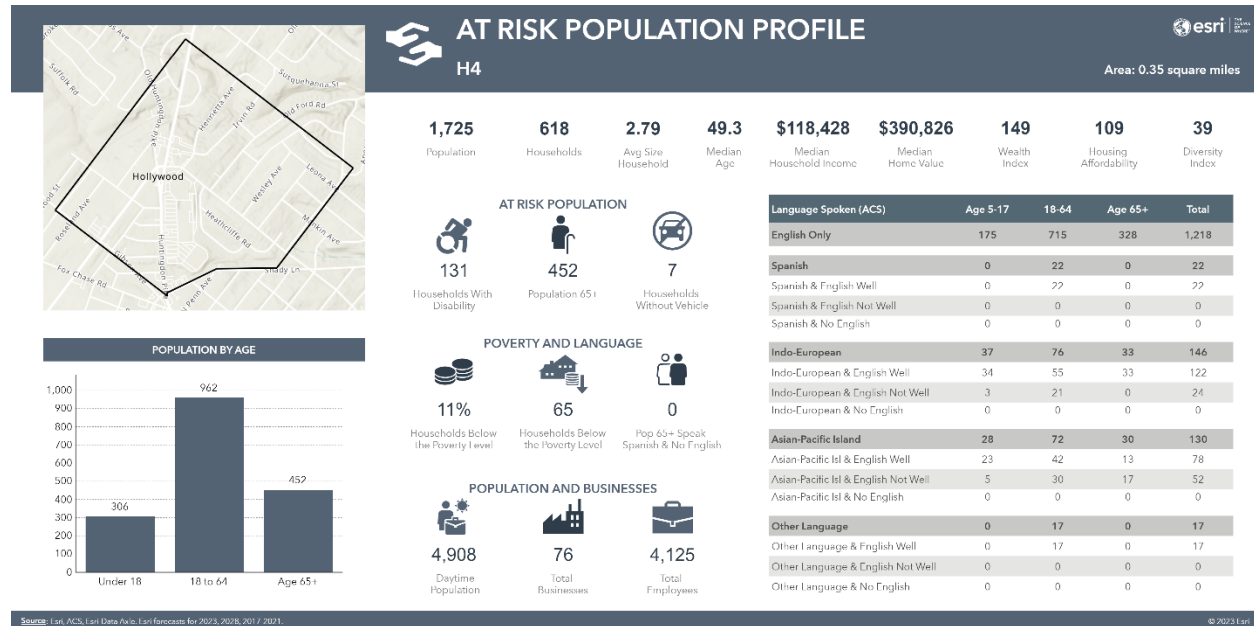
1150 Huntingdon Pike

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE H-4



### Community Profile

This zone is predominantly single-family dwellings with one large strip mall shopping center with some additional stand-alone retail stores fronting Huntingdon Pike. There are approximately 618 structures within this zone and about 1,725 residents, they range in size from about 1,000 sq. ft. to 2,700 sq. ft. There is both pre and post WWII construction within this zone. A small portion of this zone borders Rockledge Borough.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1 to 1.5 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2.75 to 3.25 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Rockledge Fire Company.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3 to 3.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Huntingdon Pike is the major north/south roadway in the zone. There are no major east/west tributaries.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Moderate Risks**

Bethel Baptist Church	855 Huntingdon Pike
Huntingdon Manor Apartments	971 Huntingdon Pike

#### **Identified Special Risk Buildings**

Creative Beginnings Day Care Center	757 Huntingdon Pike
New Horizons Day Care Center	700 Cedar Road
Holy Redeemer Ambulatory Surgical Center (OVAP:44.40)	821 Huntingdon Pike
Huntingdon Valley Shopping Center (OVAP:44.40)	733-821 Huntington Pike

This planning zone experienced a fire related fatality on 4/7/08 at 638 Los Angeles Avenue, a w/m 43 years.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE H-5



### Community Profile

This zone is predominantly residential in nature. Additionally, there is a large farm operated by the Sisters of Saint Basil and two large cemeteries. A portion of this zone borders Rockledge Borough. There are approximately 201 dwellings ranging from 1,000 sq. ft. to 2,300 sq. ft. within this zone. Construction is predominantly post-WWII with some townhouses built in 1980. There are about 581 residents living within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within .251 to 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2.75 to 3 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Rockledge Fire Company.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3 to 3.5 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Cedar Road is the major north/south roadway while Fox Chase Road provides access east and west.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Medium Risks**

Valley Glen Townhouses

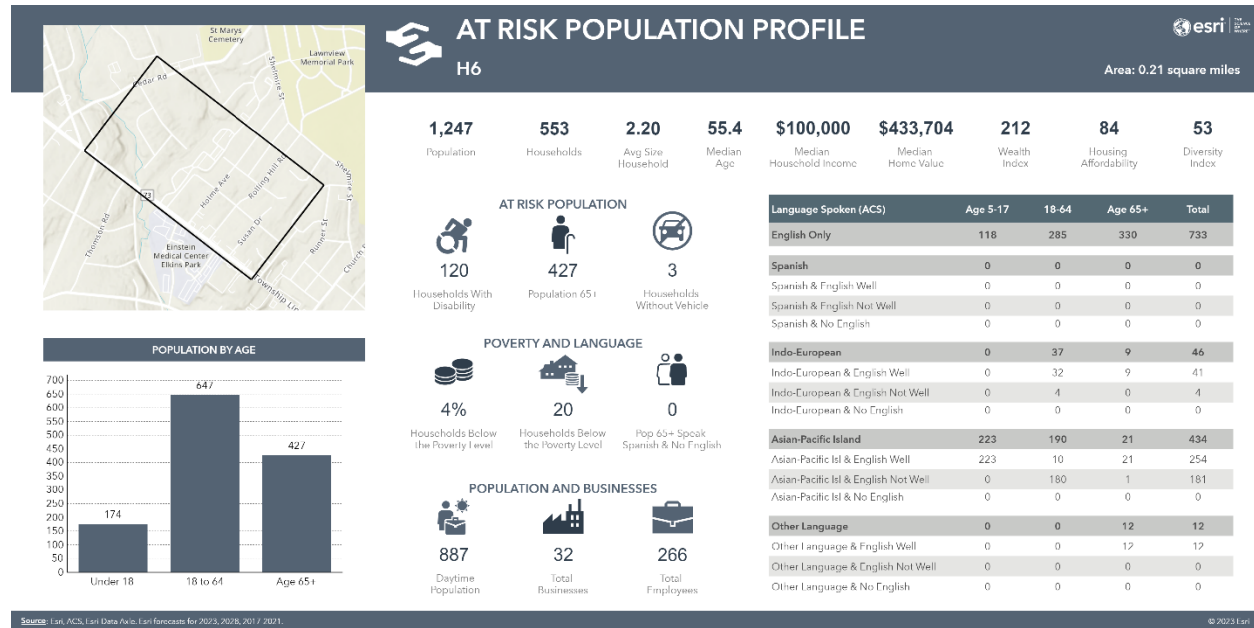
100-400 Valley Glen Road

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE H-6



### Community Profile

This area is almost totally single family residential with one large town house complex and some small retail sections on Township Line Road. Construction of the dwellings range from pre to post WWII with the town house complex constructed in 1980. There are about 553 single family dwellings ranging in size from 1,000 sq. ft. to 2,400 sq. ft. with 1,247 residents living within this zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within .25 to 1 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 2.5 to 3 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Rockledge Fire Company.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Abington Township at a travel distance of 2.5 to 3 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Township Line Road is the major east/west roadway with Cedar Road providing access north to south.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks Building**

McKinley Elementary School (OVAP:40.60)                      370 Cedar Road

#### **Identified Medium Risk**

Valley Glen Townhouses    Valley Glen Road

### **Fire Flow Concerns**

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE J-1



### Community Profile

This area is totally residential with single-family dwellings constructed well past WWII. The dwellings range from 1,500 sq. ft. to 4,000 sq. ft. in size. There are 83 dwellings with about 277 residents living within this zone. This zone borders Lower Moreland Township to the north and the City of Philadelphia to the east.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 2.75 to 3.25 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 4 to 4.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Huntingdon Valley Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntingdon Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3.5 to 4 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Pine Road provides access north/south while Moreland Road is oriented east/west.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Identified Special Risks

Nicholas Drive Sewage Pumping Station

1820 Nicholas Drive

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE J-2



### Community Profile

This zone is a mixture of single-family dwellings and a large open county park within which runs the Pennypack Creek. The dwellings range in size from 2,000 sq. ft. to 3,800 sq. ft. within this zone and total 215 most of which were constructed post WWII. There are approximately 632 residents living within this zone. This area borders the City of Philadelphia to the east.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 2.25 to 3 miles.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 4 to 4.5 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company and mutual aid with Huntingdon Valley Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Huntingdon Valley and Bryn Athyn Fire Companies.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3.5 to 4 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

There are no major roadways in this zone. The railroad in this zone has been converted to trails.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Identified Medium Risk**

Montgomery Montessori School (OVAP:34.80)  
Phila. Korean 7<sup>th</sup> Day Adventist (OVAP:34.80)

1620 Pine Road  
1620 Pine Road

### **Identified Special Risks**

During heavy rainstorms, tropical storms and hurricanes the Pennypack Creek is prone to heavy flooding especially within the County Park located within this zone.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE J-3



### Community Profile

This area is a mixture of single-family residential dwellings, farm land, wooded areas and Lorimer Park with Neshaminy/Pennypack Creek. The 61 dwellings range in size from 1,200 sq. ft. to 3,300 sq. ft. in size. Most of the dwellings were constructed post WWII. There are about 38 residents living within this zone. This area borders the City of Philadelphia on the east. A portion of this zone is the Fox Chase Farm part of which is within Abington Township, other sections of the park are County owned Lorimer Park and the City of Philadelphia. The City of Philadelphia is responsible for any issues in the farm by way of a signed agreement between the township, county and city officials.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1.75 to 2.25 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3.5 to 4 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Rockledge Fire Company.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3.5 to 4 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

There are no major roadways in this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

### **Identified Special Risks**

During heavy rainstorms, tropical storms and hurricanes heavy flooding occurs in and near the Pennypack Creek.

### **Fire Flow Concerns**

The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE J-4



### Community Profile

This area is residential, mostly single-family dwellings with some park land, woods, fields and the Pennypack Creek, portions of the old Reading Railroad, Newtown Branch now abandoned and is being converted to rails to trails run through the area. There are about 200 single family dwellings ranging from 1,000 sq. ft. to 2,200 sq. ft. in size. Approximately 346 residents live within this zone in 158 dwellings. The zone borders the City of Philadelphia on the east and Rockledge Borough to the south.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1 to 1.75 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3.25 to 3.75 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Rockledge Fire Company.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3.5 to 4 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

There are no major roadways in this zone.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### **Community Risk Assessment Ratings**

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

#### **Identified Special Risks**

Historically, some flooding affecting rear yards and some dwellings have occurred along Shady Lane near the abandoned railroad.

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE J-5



### Community Profile

This area is residential with both single-family and twin dwellings. Ranging in size from 1,000 sq. ft. to 2,500 sq. ft., the dwellings were all constructed post WWII. There are approximately 233 residents living within this zone in 86 dwellings. Also within this zone is a large cemetery. This area borders the City of Philadelphia to the east and Rockledge Borough to the north.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1 to 1.5 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3.25 to 3.75 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Rockledge Fire Company.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3.5 to 4 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

There are no major roadways in the zone.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. No High/Special Risk properties were identified.



# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

### PLANNING ZONE J-6



### Community Profile

This zone is predominantly residential in nature with some commercial along Township Line Road. The commercial properties include a large nursing home and individual small retail shops. There are approximately 228 dwellings in the zone constructed both pre and post WWII. Dwellings range in size from 1,000 sq. ft. to 2,500 sq. ft. There are about 716 residents living in the zone.

### Services Provided

Emergency services provided to this zone include fire, light-heavy rescue, hazardous materials response, water rescue. The McKinley Fire Company is the first due station assigned this area located within 1 to 1.5 mile.

The Company operates the first and second due engines as well as first due truck company. The Company is equipped to perform light as well as water rescues. Heavy and technical rescue services for this area are supported by the Weldon Fire Company located 3.25 to 3.75 miles from this planning zone. Second due truck companies are supported by the Abington Fire Company. Additional engines are supported by Weldon and Abington Fire Companies as well as mutual aid through Rockledge Fire Company.

Hazardous materials response are through the McKinley Fire Company with all members trained to Operations Level and supported by the Montgomery County Hazardous Materials Team with Units stationed within Upper Dublin Township at a travel distance of 3.5 to 4 miles. The Abington Township Fire Marshal's Office provides fire prevention, inspection and investigation services to this planning zone.

### Transportation Issues

Township Line Road is the major east/west roadway in the zone.

### Community Risk Assessment Ratings

A risk assessment was completed on the properties within this planning zone. Below are the properties that were identified:

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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### Identified Medium Risk

Elkins Crest Nursing Home

265 Township Line Road

**Fire Flow Concerns** The water supply within this planning zone is adequate to meet the needed fire flow.

**ABINGTON TOWNSHIP FIRE DEPARTMENT**  
**Community Risk Analysis and Standards of Cover**

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**FIRE DEATHS**

A-4	12-25-97	1356 hours	948 Garfield Avenue APD #97-66581 W/M– 59 years Natural death @fire	S/F/D
B-3	07-24-99	0312 hours	2444 Woodland Road APD #99-44152 B/M – 5 B/M – 4 Jammed electric floor fan	S/F/D
A-2	05-20-00	2309 hours	2911 Kanes Avenue APD #00-29631 W/F 32 years Possible Candle – undetermined	S/F/D
F-6	11-20-01	1304 hours	100 Old York Road, Apt 7 APD #01-61936 B/F 67 years Careless Smoking in Bed	High Rise Mixed Commercial Res Apt
F-4	01-08-05	0900 hours	929 Frog Hollow Terrace APD #05-1373 W/F 87 years (died 10 days after in burn center) Burner on Range Top Ignited nightgown	S/F/D
A-2	05-15-07	1227 hours	1465 Osborne Avenue APD #07-11084 W/M 82 years Suspect Electrocuted – Undetermined	S/F/D
A-2	12-18-07	1054 hours	1519 North Hills Avenue APD#07-062938 W/F – 87 years	S/F/D
H-4	04-07-08	1121hours	638 Los Angeles Avenue APD#08-016962 W/M 43 years	S/F/D
A-5	07/27/17	0156 hours	635 Garfield Ave APD#17-030175 W/M 68 years	S/F/D

# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover

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H-4	09/09/2019	0159 Hours	509 Berkeley Ave APD#19-035985 W/M 65 YOA Undetermined – Kitchen Area Origin	S/F/D
C-1	05/20/2021	0145 Hours	1742 Easton Road APD#21-016673 W/F 61 YOA Accidental – Smoking w/ Medical Oxygen	Triplex
H-4	01/15/2022	1256 Hours	369 Heathcliffe Road APD#22-001596 W/M 81 YOA Undetermined – Kitchen Area Origin	S/F/D

# ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover


## Railroad Branches in Abington Township

Warminster Branch  
43 Passenger, 3 freight trains daily

West Trenton Branch  
53 Passenger Trains Daily

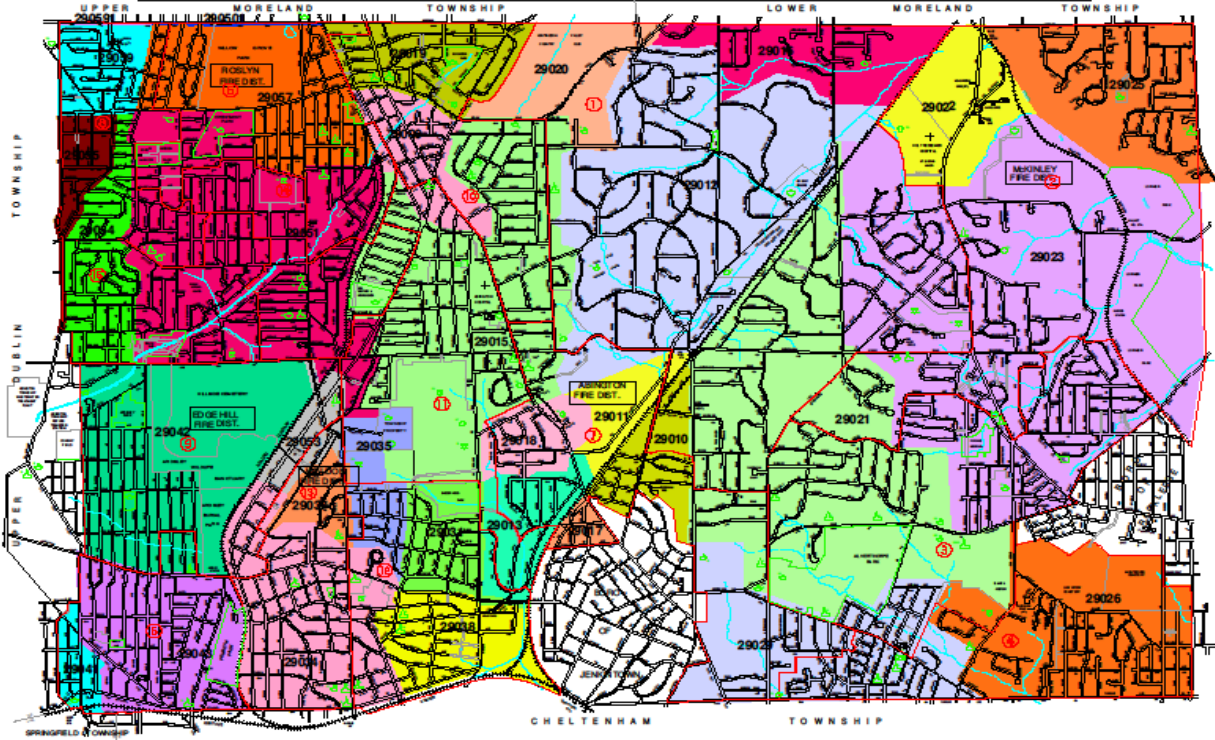


Main Line (formerly Bethlehem) Branch  
74 Passenger, 5 freight trains daily

 Railroad Grade Crossings

# ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

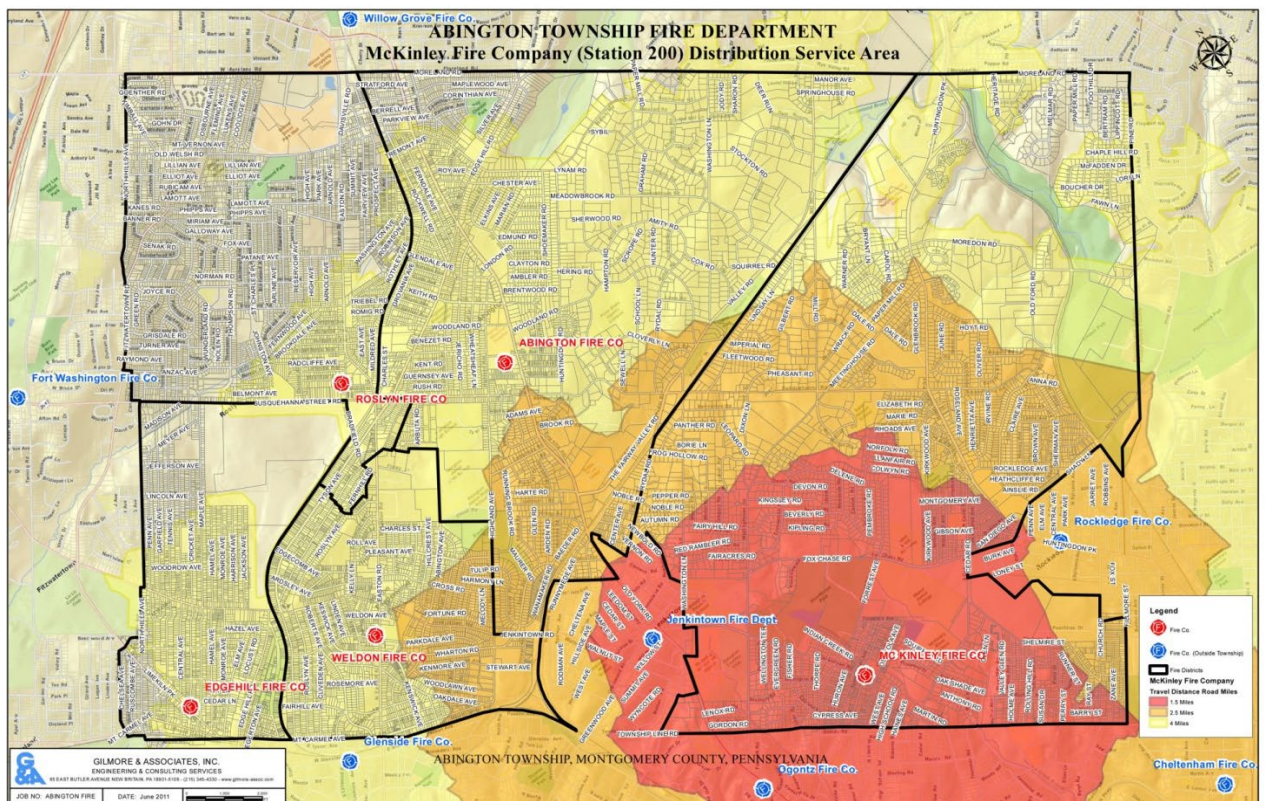
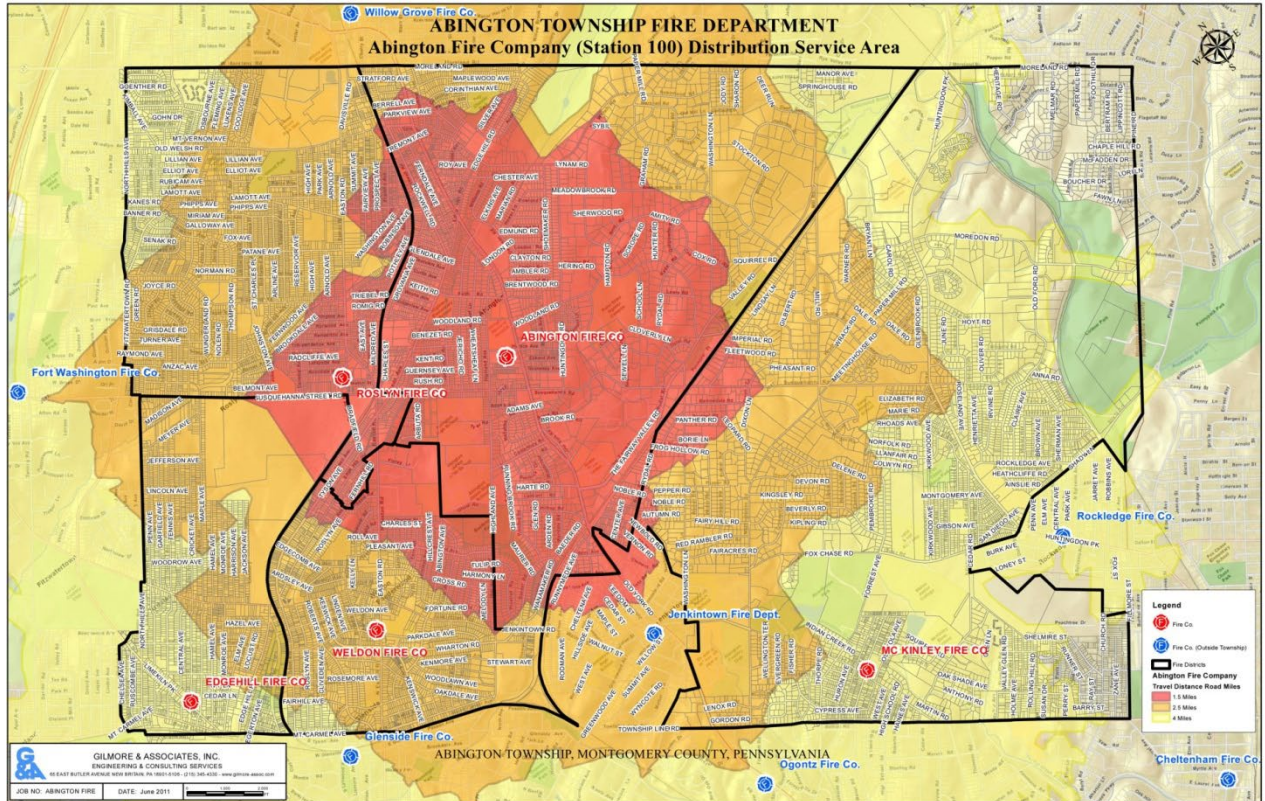
## Apparatus Deployment Zone Map





# ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover

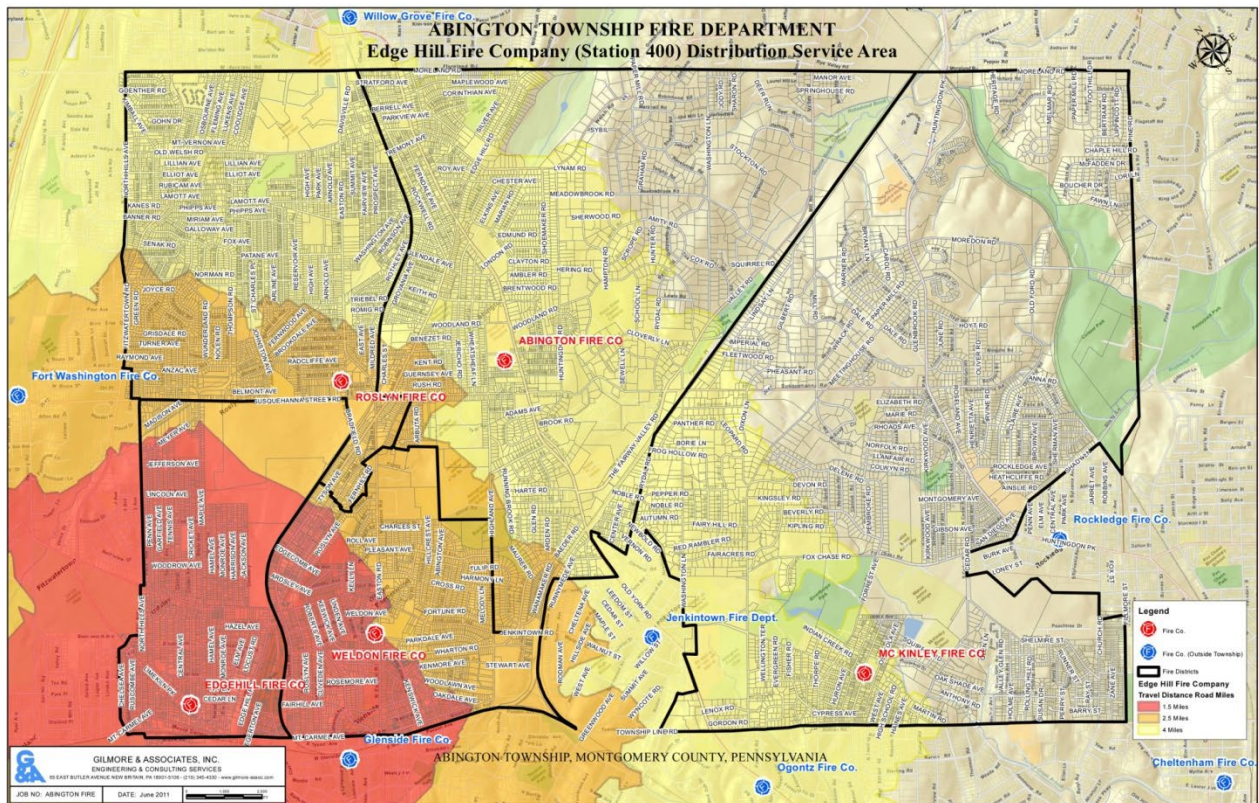
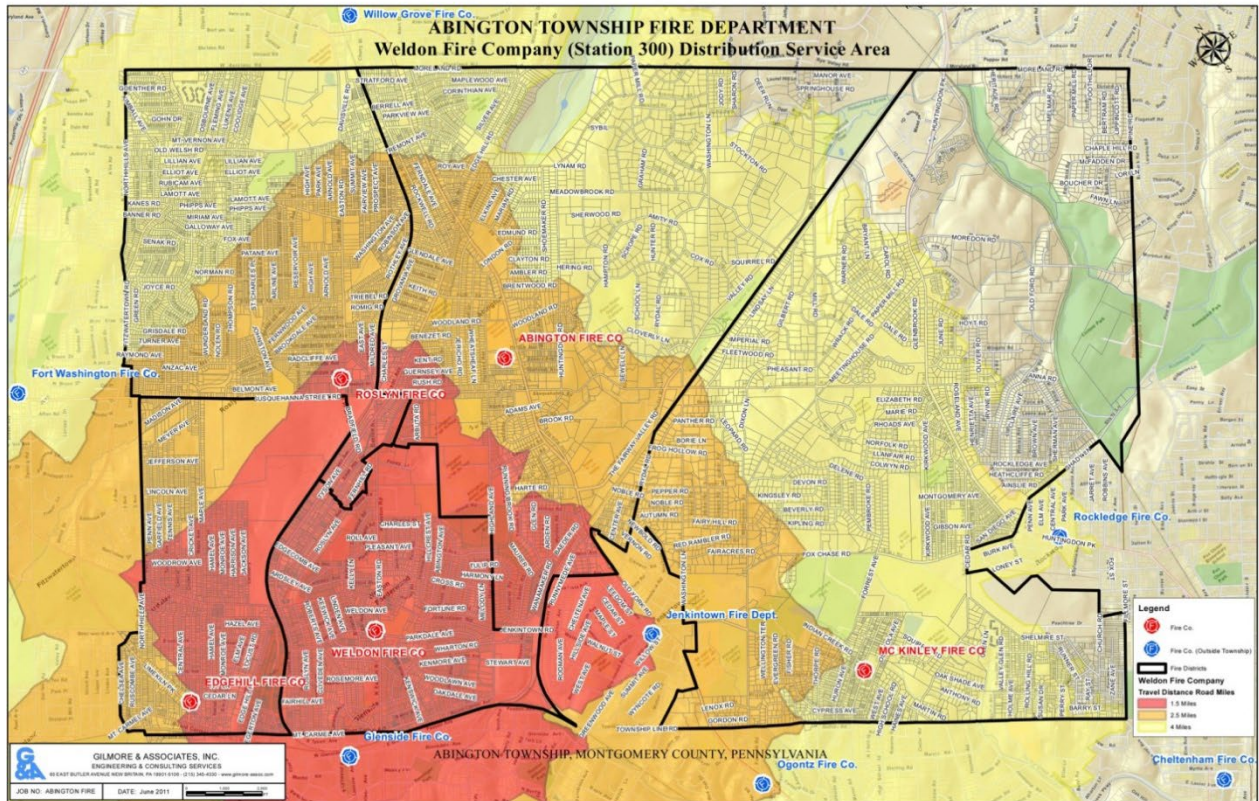
## C. A.T.F.D. Distribution – Concentration Maps





# ABINGTON TOWNSHIP FIRE DEPARTMENT

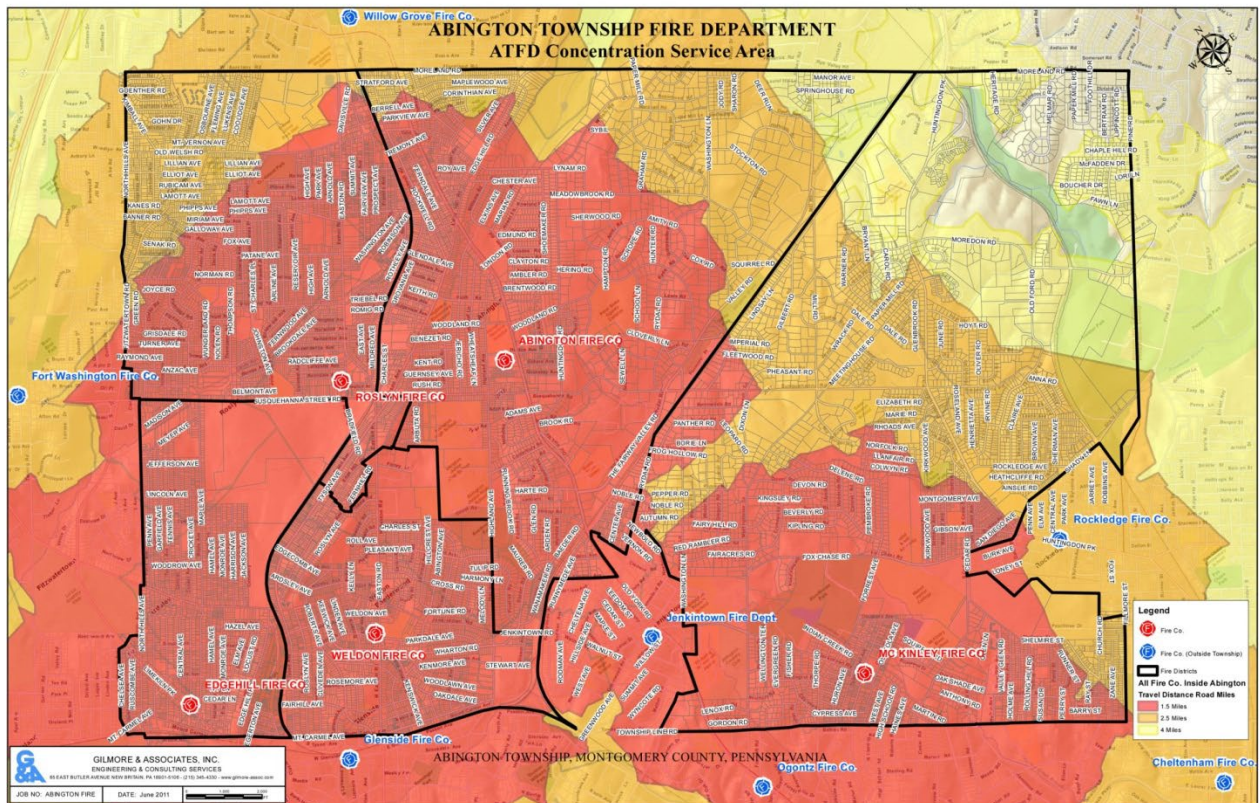
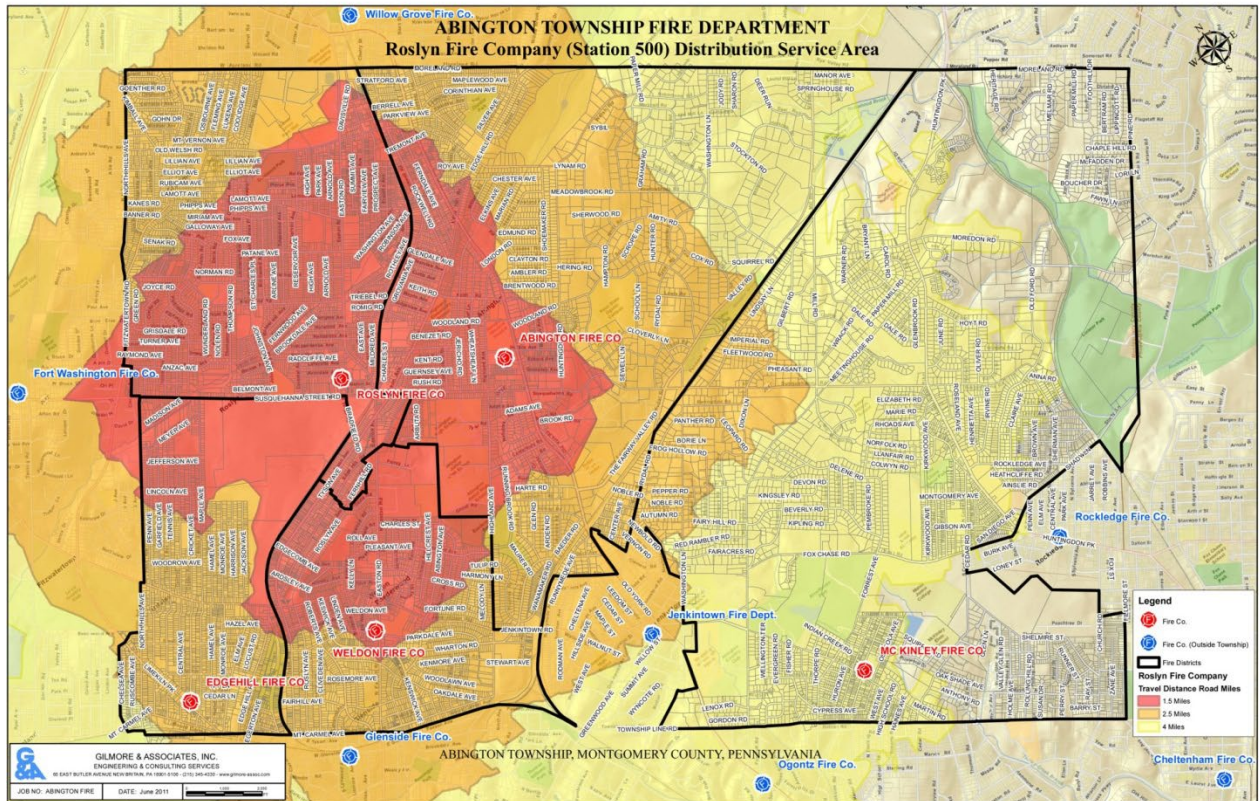
## Community Risk Analysis and Standards of Cover





# ABINGTON TOWNSHIP FIRE DEPARTMENT

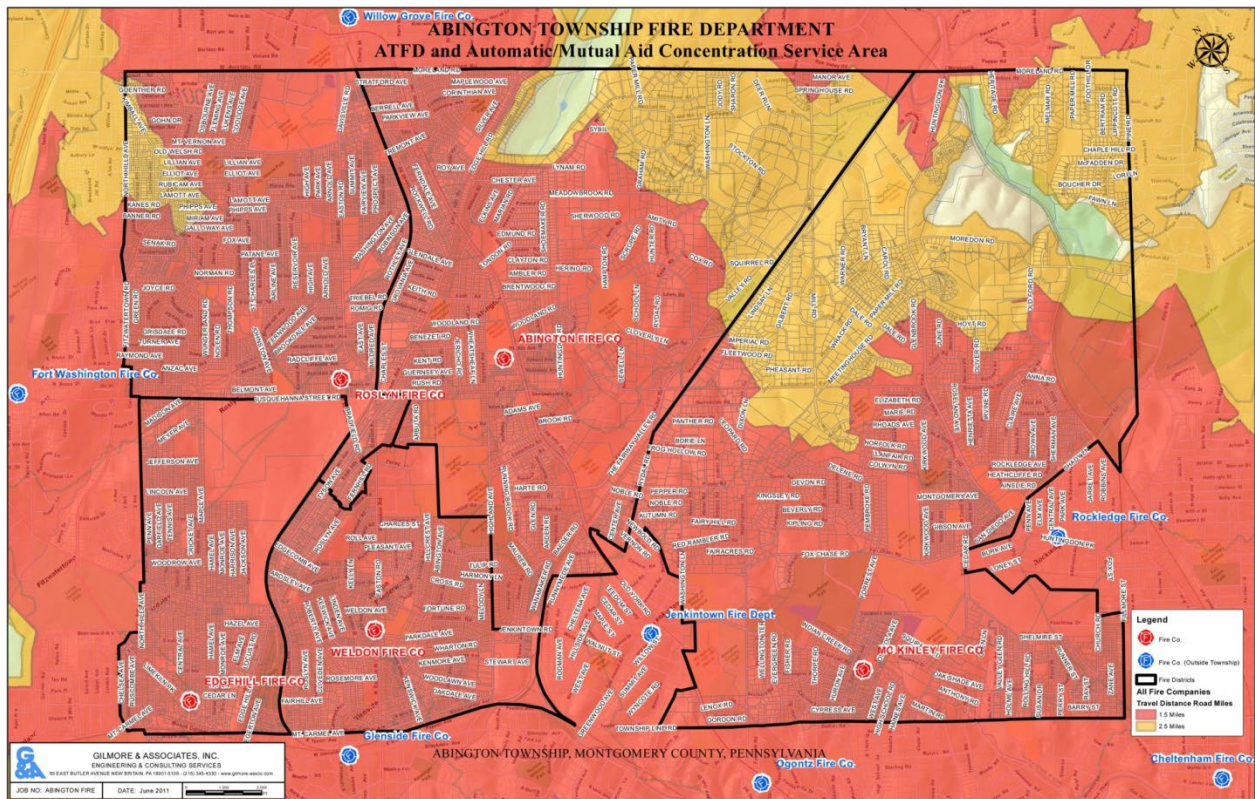
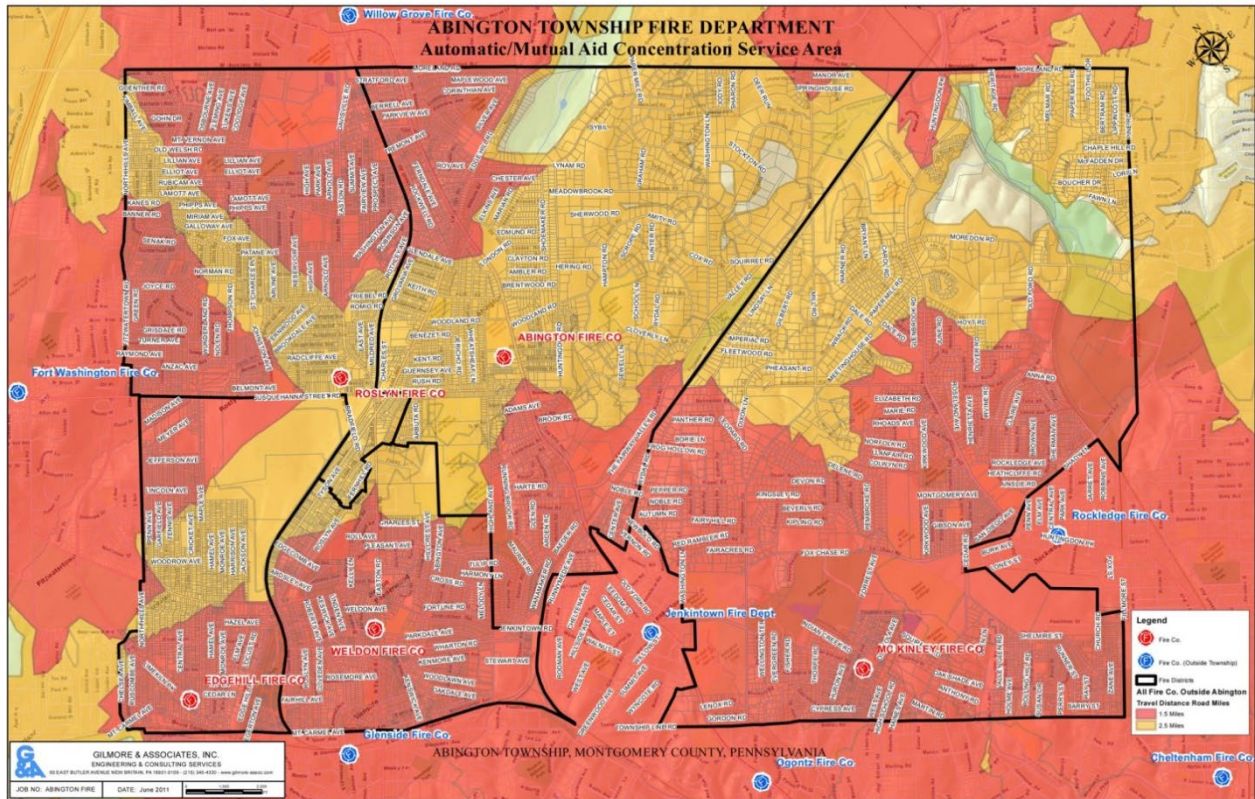
## Community Risk Analysis and Standards of Cover





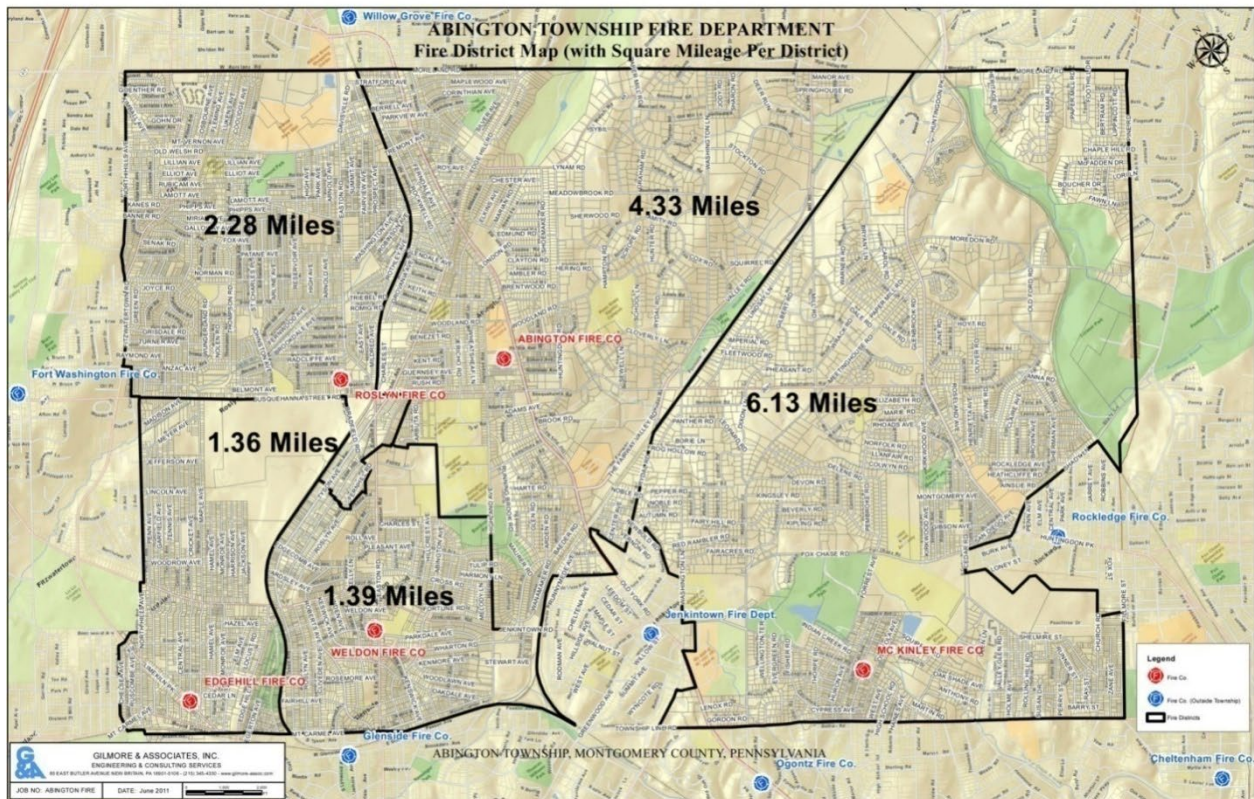
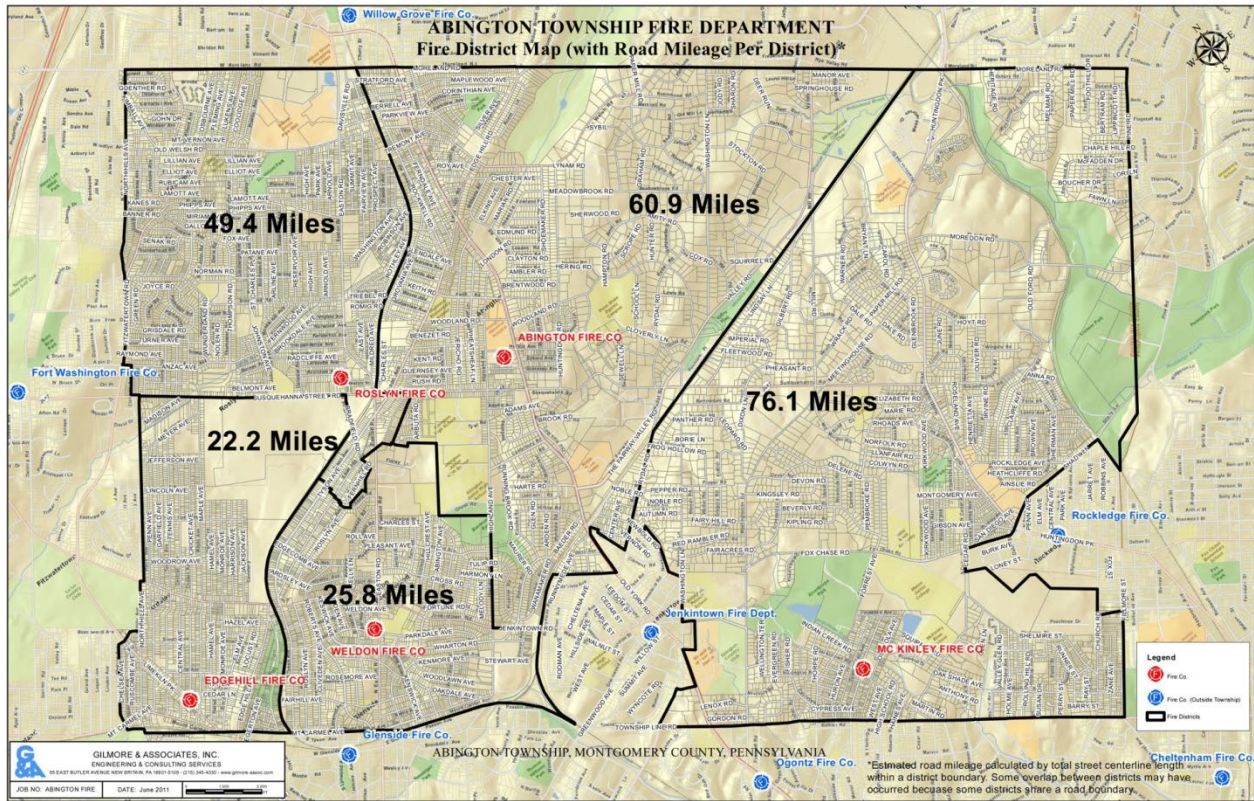
# ABINGTON TOWNSHIP FIRE DEPARTMENT

## Community Risk Analysis and Standards of Cover





# ABINGTON TOWNSHIP FIRE DEPARTMENT Community Risk Analysis and Standards of Cover





# ABINGTON TOWNSHIP FIRE DEPARTMENT

- **STATION 100**  
Abington Fire Company  
1920 Horace Avenue  
Abington, PA 19001
  - **STATION 200**  
McKinley Fire Company  
893 Jenkintown Road  
Elkins Park, PA 19027
  - **STATION 300**  
Weldon Fire Company  
412 N. Easton Road  
Glenside, PA 19038
  - **STATION 400**  
Edge Hill Fire Company  
2843 Limekiln Pike  
North Hills, PA 19038
  - **STATION 500**  
Roslyn Fire Company  
1128 Bradfield Road  
Roslyn, PA 19001
-