



City of Taylorsville



Community Risk Assessment

City of Taylorsville

UFA has two stations within the City of Taylorsville covering a total of 10.85 square miles with a population of 58,937 as of 2024 and responded to 15,430 calls for service from 2022-2024.

Municipality	Population	Population Percentage of UFA	Square Miles	Population Density per Sq Mile	Classification	Value of Structures Protected
City of Taylorsville	58,937	12.28%	10.85	5,329	Urban	\$4.5B

The City of Taylorsville has decreased its population from 60,448 in 2020 to 58,937 in 2024, showing a decrease of 2.5% over a four-year timeframe.

City of Taylorsville Station Information

Station 117	
Owner	UFSA
Opened	2017
Address	4965 South Redwood Road
Staffing and Apparatus	<ul style="list-style-type: none"> 4 person - Medic Ladder 117 (Type 1) 4 person - Medic Engine 117 (Type 1) 2 Person - Medic Ambulance 217 (PL 24 Hour) Cross-Staffed - Heavy Rescue 117

Station 118	
Owner	UFSA
Opened	1999
Address	5317 South 2700 West
Staffing and Apparatus	<ul style="list-style-type: none"> 4 Person - Medic Engine 118 (Type 1) 2 Person - Medic Ambulance 118 Battalion Chief 13

Surrounding UFA and Automatic/Mutual Aid Response Stations

Surrounding fire stations and fire departments that are within an eight-minute response to the City of Taylorsville are:

Station Number	City Location	Staffing
Station 101	Millcreek	<ul style="list-style-type: none"> • 4 Person - Medic Engine 101 (Type 1) • 2 Person - Medic Ambulance 101 • Battalion Chief 11
Station 107	Kearns	<ul style="list-style-type: none"> • 4 Person - Medic Engine 107 (Type 1) • 2 Person - Medic Ambulance 107
Station 109	Kearns	<ul style="list-style-type: none"> • 4 Person - Medic Ladder 109 (Type 1) • 2 Person - Medic Ambulance 109 • Cross-Staffed - Engine 6109 (Type 6)
Station 125	Midvale	<ul style="list-style-type: none"> • 4 Person - Medic Engine 125 (Type 1) • 2 Person - Medic Ambulance 225 (PL 24 Hour) • Cross-Staffed - Engine 6125 (Type 6)
Station 126	Midvale	<ul style="list-style-type: none"> • 4 Person - Medic Engine 126 (Type 1) • 2 Person - Medic Ambulance 126 • Cross-Staffed - HazMat 126 • Operations Chief
Station 81	Murray	<ul style="list-style-type: none"> • 3 Person - Engine 81 (Type 1) • 2 Person - Medic Ambulance 81 • Cross-Staffed - Engine 681 (Type 6) • Battalion Chief 81
Station 82	Murray	<ul style="list-style-type: none"> • 3 Person - Engine 82 (Type 1) • 2 Person - Medic Ambulance 82
Station 83	Murray	<ul style="list-style-type: none"> • 3 Person - Tower 83 (Type 1) • 2 Person - Medic Ambulance 83 • Cross-Staffed - Engine 683 (Type 6)
Station 41	South Salt Lake	<ul style="list-style-type: none"> • 3 Person - Engine 41 (Type 1) • 2 Person - Medic Ambulance 41 • Battalion Chief 41
Station 42	South Salt Lake	<ul style="list-style-type: none"> • 3 Person - Ladder 42 (Type 1) • 2 Person - Medic Ambulance 42 • Cross-Staffed - Engine 642 (Type 6)
Station 43	South Salt Lake	<ul style="list-style-type: none"> • 3 Person - Engine 43 (Type 1) • 2 Person - Medic Ambulance 43
Station 52	West Jordan	<ul style="list-style-type: none"> • 3 Person - Engine 52 (Type 1) • 2 Person - Medic Ambulance 52 • Cross-Staffed - Hazmat 52 • Cross-Staffed - Air & Light 52
Station 53	West Jordan	<ul style="list-style-type: none"> • 3 Person - Ladder 53 (Type 1) • 2 Person - Medic Ambulance 53 • Cross-Staffed - Engine 653 (Type 6)

		<ul style="list-style-type: none"> • Battalion Chief 51
Station 54	West Jordan	<ul style="list-style-type: none"> • 3 Person - Engine 54 (Type 1) • 2 Person - Medic Ambulance 54 • Cross-Staffed - Heavy Rescue 54
Station 55	West Jordan	<ul style="list-style-type: none"> • 3 Person - Engine 55 (Type 1) • 2 Person - Medic Ambulance 55 • Cross-Staffed - Engine 655 (Type 6)
Station 71	West Valley	<ul style="list-style-type: none"> • 3 Person - Engine 71 (Type 1) • 2 Person - Medic Ambulance 71 • Cross-Staffed - HazMat 71
Station 72	West Valley	<ul style="list-style-type: none"> • 3 Person - Engine 72 (Type 1) • 2 Person - Medic Ambulance 72 • Battalion Chief 71
Station 73	West Valley	<ul style="list-style-type: none"> • 3 Person - Ladder 73 (Type 1) • 2 Person - Medic Ambulance 73 • Cross-Staffed - Engine 473 (Type 4)
Station 74	West Valley	<ul style="list-style-type: none"> • 3 Person - Tower 74 (Type 1) • 2 Person - Medic Ambulance 74 • 2 Person - Medic Ambulance 744 • Cross-Staffed - Heavy Rescue 74 • Cross-Staffed - Engine 674 (Type 6)
Station 75	West Valley	<ul style="list-style-type: none"> • 3 Person - Engine 75 (Type 1) • 2 Person - Medic Ambulance 75
Station 76	West Valley	<ul style="list-style-type: none"> • 3 Person - Ladder 76 (Type 1) • Cross-Staffed - Engine 376 (Type 3) • Cross-Staffed - Engine 676 (Type 6)

City of Taylorsville – Incidents by Dispatch Type

	CY 2022	CY 2023	CY 2024
Fire Suppression	85 1.6%	92 1.8%	90 1.8%
EMS	4072 78.7%	3662 71.2%	3648 71.7%
HazMat	74 1.5%	67 1.3%	76 1.5%
Service Call	124 2.4%	264 5.1%	222 4.4%
Good Intent	559 10.8%	757 14.7%	749 14.7%
False Call	237 4.6%	269 5.2%	277 5.4%
Natural Condition	15 0.3%	10 0.2%	6 0.1%
Other Situation	1 0%	19 0.4%	17 0.3%
Unknown	7 0.1%	0 0%	5 0.1%
Total	5174 100%	5140 100%	5090 100%

Table 1 - Incidents by Dispatch Type

City of Taylorsville – 2022-2024 Dispatch and Response Times – Emergent First Due

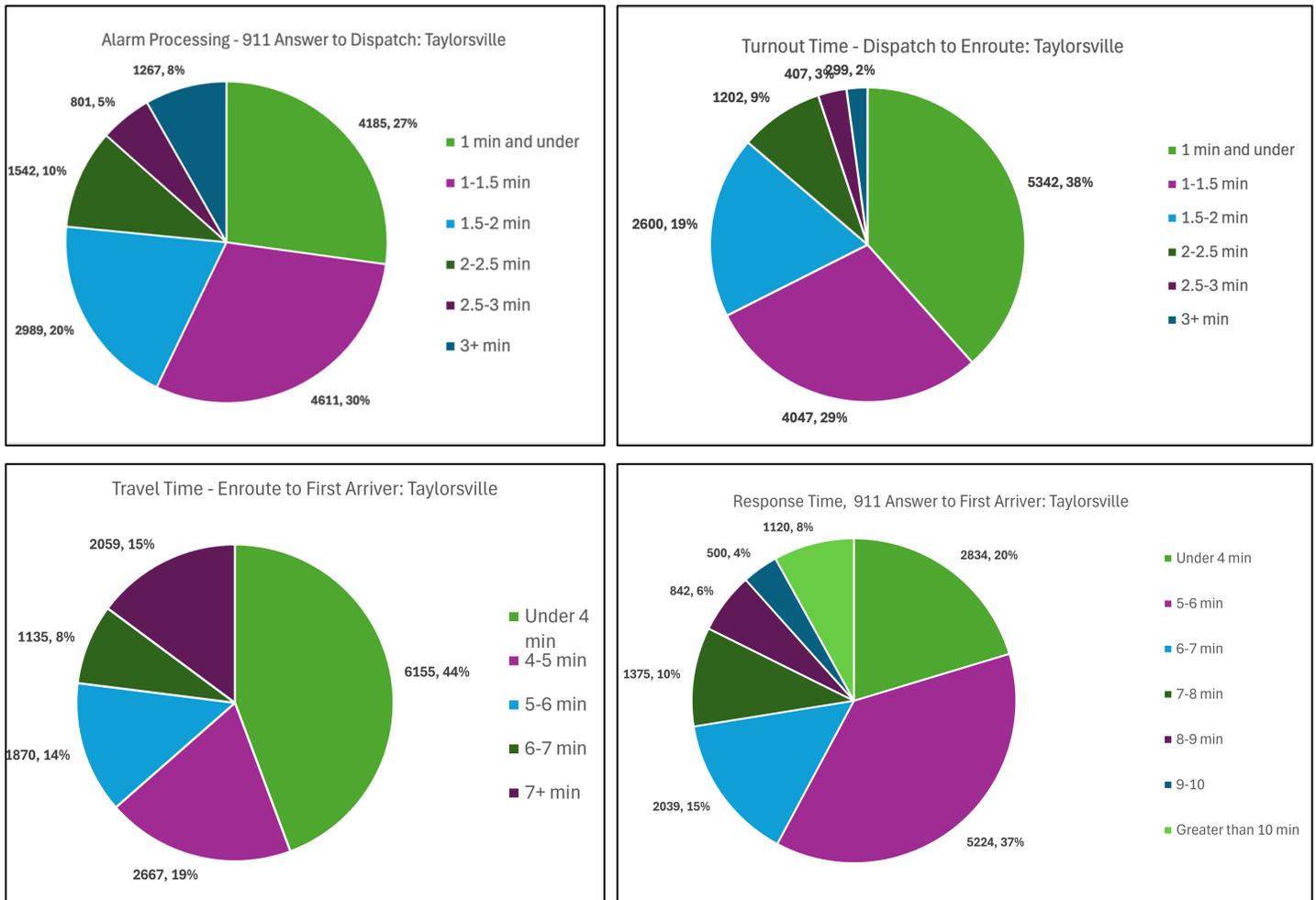


Chart 1 - Dispatch and Response Times

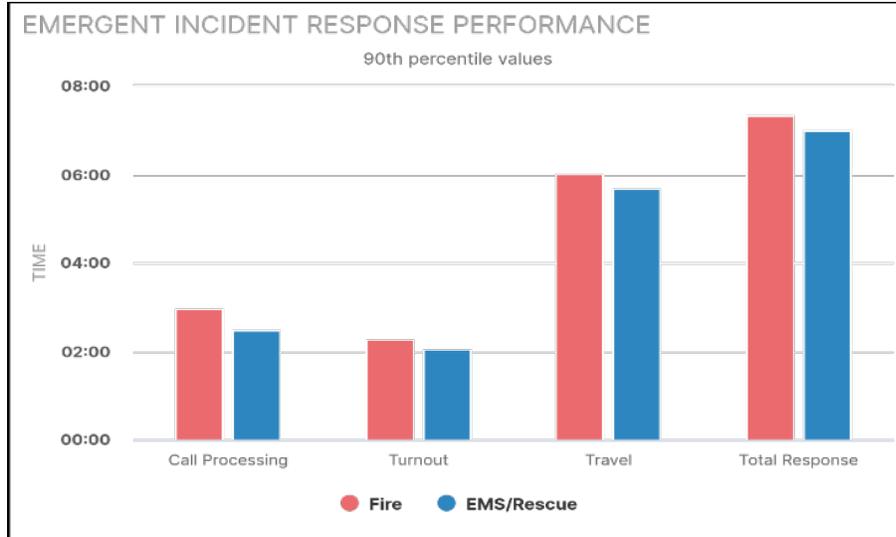


Chart 2 - Emergent Incident Response Performance

Urban	Call Processing: Fire	Turnout Time: Fire	Travel Time: Fire	Total Response: Fire	Call Processing: EMS	Turnout Time: EMS	Travel Time: EMS	Total Response: EMS
Taylorsville 2022	2:53	2:28	6:46	10:10	2:30	2:06	5:51	9:10
Taylorsville 2023	2:35	2:03	6:49	9:51	2:11	2:00	5:43	8:40
Taylorsville 2024	2:27	2:01	6:42	9:48	2:07	2:04	5:31	8:27
UFA Urban 2022-2024	2:43	2:20	7:17	10:51	2:15	2:06	6:11	9:11
UFA Rural 2022-2024	2:59	2:22	14:56	17:48	2:51	2:18	14:29	18:22
NFPA 1710	1:04	1:20	4:00	6:24	1:00	1:00	4:00	6:00

Table 2 – Emergent Response Times, 90th percentile values

City of Taylorsville – 2022-2024 Total Response Times



Chart 3 - Turnout and Travel Times

The charts above illustrate alarm processing, turnout, travel, and total response times for all units responding to service calls within the City of Taylorsville (90th percentile).

City of Taylorsville: 2022-2024 Incidents by Time of Day

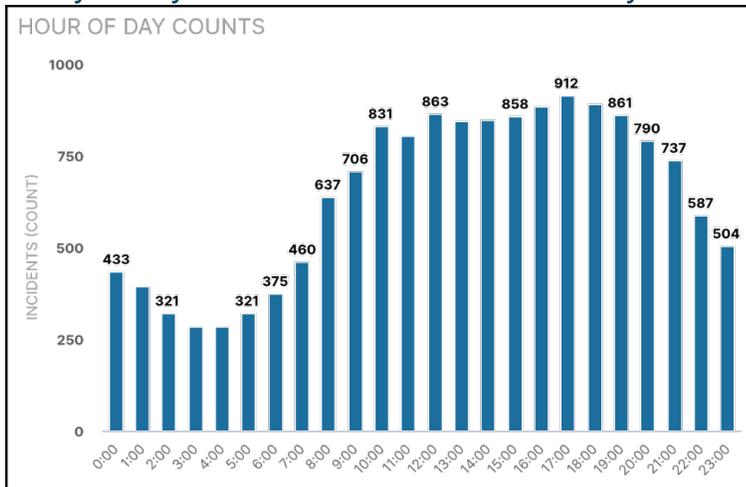


Chart 4 – Incidents by Time of Day

This table demonstrates the incidents by time of day and the time of greatest demand within the City of Taylorsville for all service calls.

City of Taylorsville – 2022-2024 Incidents by Day of Week

This chart presents incident volume by day of the week and demonstrates that demand remains relatively consistent throughout the week, with slightly higher call volumes occurring on Monday and Friday.

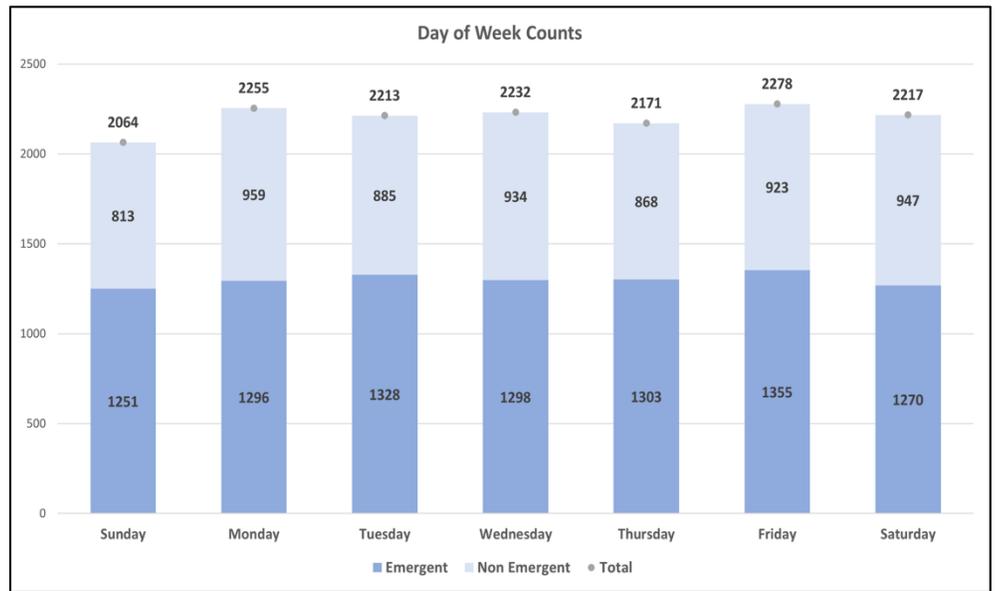


Chart 5 – Incidents by Day of Week

City of Taylorsville – 2022-2024 EMS Calls and Ambulance Transports

Total EMS Calls	Total Ambulance Transports	% Of EMS Calls Requiring Transport
11,382	7,090	62%

Table 3 - EMS Calls and Ambulance Transports

City of Taylorsville – 2022-2024 EMS Incidents by Dispatch Type

EMS Call Type	Incident Count
Sick Person	1,475
Fall	1,125
Breathing Problem	543
Unconscious	326
Seizure	298

Table 4 - Top 5 Medical Calls

City of Taylorsville – 2022-2024 Fire Incidents by Dispatch Type

NFIRS Description	Incident Count	% of Incidents	NFIRS Description	Incident Count	% of Incidents
Structure Fire	92	34.46%	Special Outside Fire	7	2.62%
Natural Vegetation Fire	39	14.61%	Fire, Other	17	6.37%
Outside Rubbish Fire	62	23.22%	Mobile Property Fire	2	0.75%
Vehicle Fire	48	17.98%	Total	267	100%

Table 5 - Incidents by Dispatch Type

City of Taylorsville as of 2024 – Building Occupancy Classification and Risk Categories

Occupancy Classification	Low	Moderate	High	Max	Total
Agriculture	10	0	0	0	10
Assembly	76	9	32	0	117
Commercial	391	124	95	9	619
Education	117	5	24	4	150
Government	122	9	18	0	149
Hazardous	23	0	1	0	24
Healthcare	1	1	7	1	10
High Rise	0	0	0	0	0
Industrial	38	7	6	2	53
Mixed Use	0	0	0	0	0
Residential **	16,133	178	41	0	16,352
Single Family Residential	9,471	4,478	170	0	14,119
Multi-family Residential	526	623	185	30	1,364
Unclassified/Storage	282	21	2	1	306
Utility and Miscellaneous	0	0	0	0	0
Total	27,190	5,455	581	47	33,273

** Residential includes single family and multi-family. Breakdowns for those are in a separate row.

** Residential includes manufactured homes and unclassified so multi-family and single family may not add up to residential.

Building Size / Considerations

Nonresidential low: 1 - 4,999 sq ft	Residential low: 1 – 1,999 sq ft.
Nonresidential moderate: 5,000 – 9,999 sq ft	Residential moderate: 2,000 – 3,999 sq ft.
Nonresidential high: 10,000 – 99,999 sq ft	Residential high: 4,000 – 9,999
Nonresidential max: ≥ 100,000 sq ft	Residential max: ≥ 10,000

Table 6 – City of Taylorsville Building Occupancy and Risk Categories

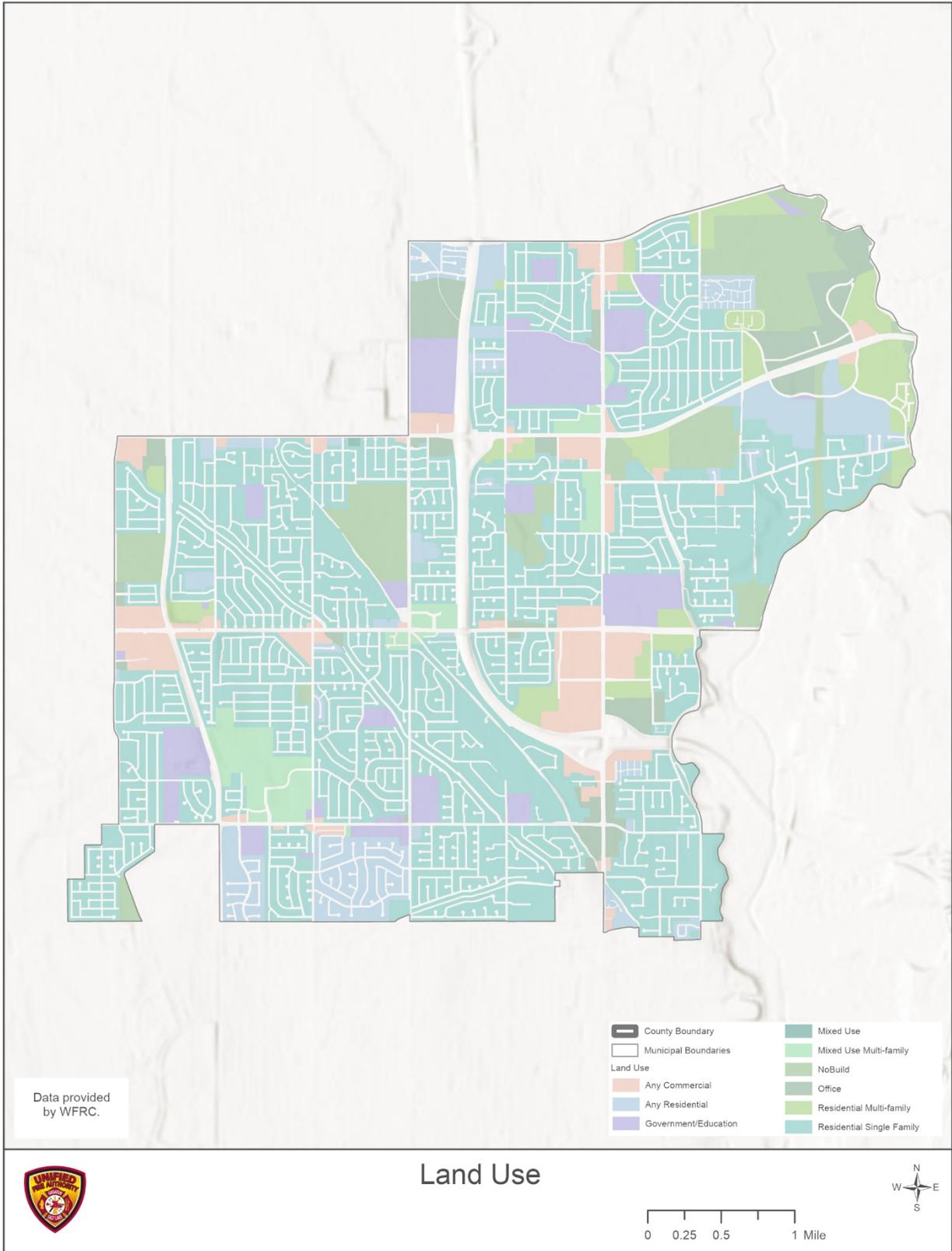


Image 1 - Land Use

City of Taylorsville– First Arriver Travel Times

The following maps demonstrate the 90th percentile of travel times based off the last three years of historical data (2022-2024). The darker the color is, the more delayed the response, with the green and light colors demonstrating below or near target times. The darker colors on the bar within the key demonstrating longer travel times by apparatus. This map's drive times (or travel times) are based off the current NFPA 1710 standard of four minutes (90th percentile) from notification of the alarm to the arrival of the first arriving apparatus — not an adopted standard by UFA. In 2024, within the City of Taylorsville, the 90th percentile drive time is 7:02 for fire and 6:06 for EMS, or a combined 90th percentile drive time of 6:19.

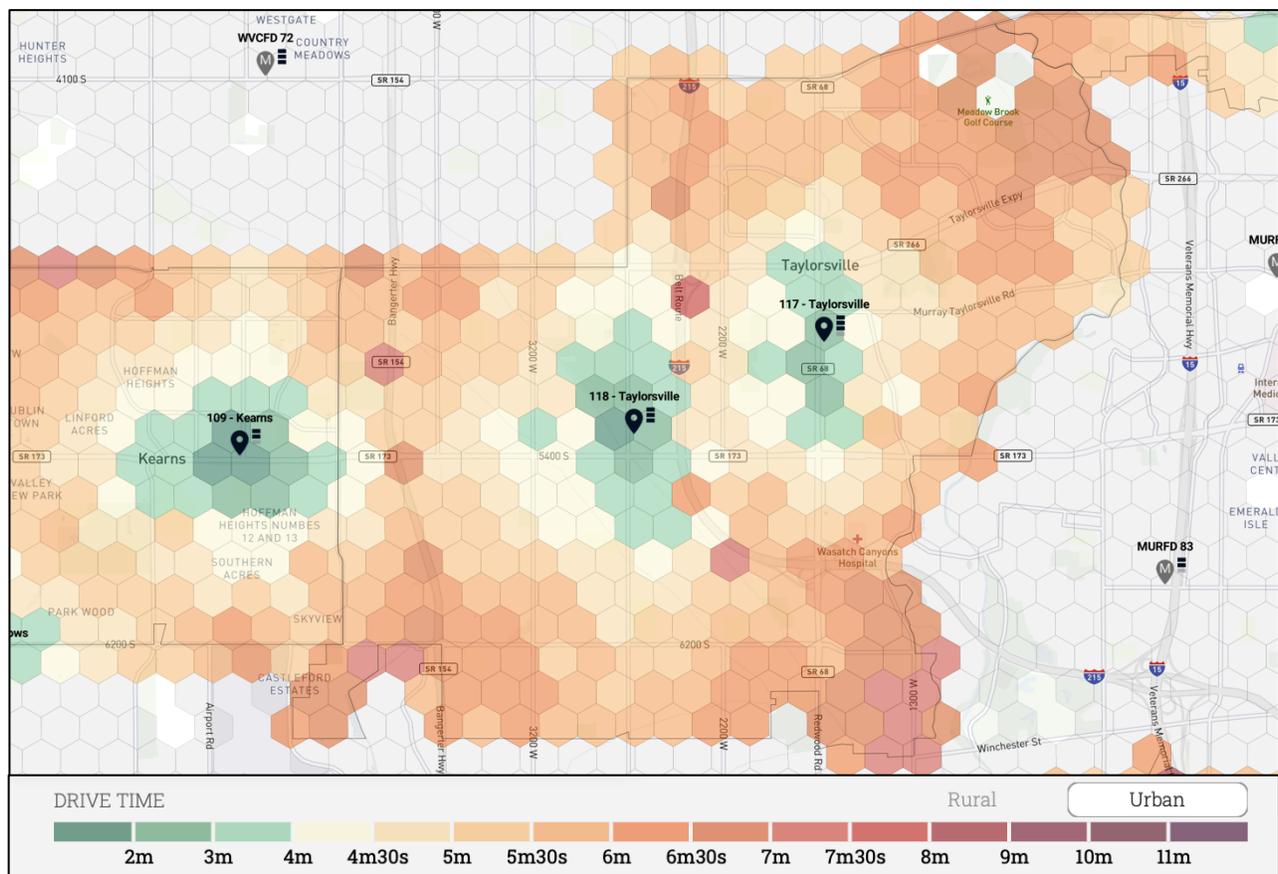


Image 3 - Emergent Response Times - All Aid

City of Taylorsville – Residential Fire Effective Response Force (17 FF)

This map demonstrates the coverage of a multi-unit response to a residential fire based off all apparatus being within their station. The green to light yellow demonstrates the ability to have seventeen firefighters (a residential fire effective response force) on scene based off a residential urban fire force response. This map's drive times (or travel times) are based off the current NFPA 1710 standard of eight minutes (90th percentile) from notification of the alarm to the arrival of the initial full alarm assignment (a minimum of 17 firefighters) for a residential, low, or medium hazard assembly — not an adopted standard by UFA. Based off predictive data, the 90th percentile for 17 firefighters to arrive on scene is 6:40.

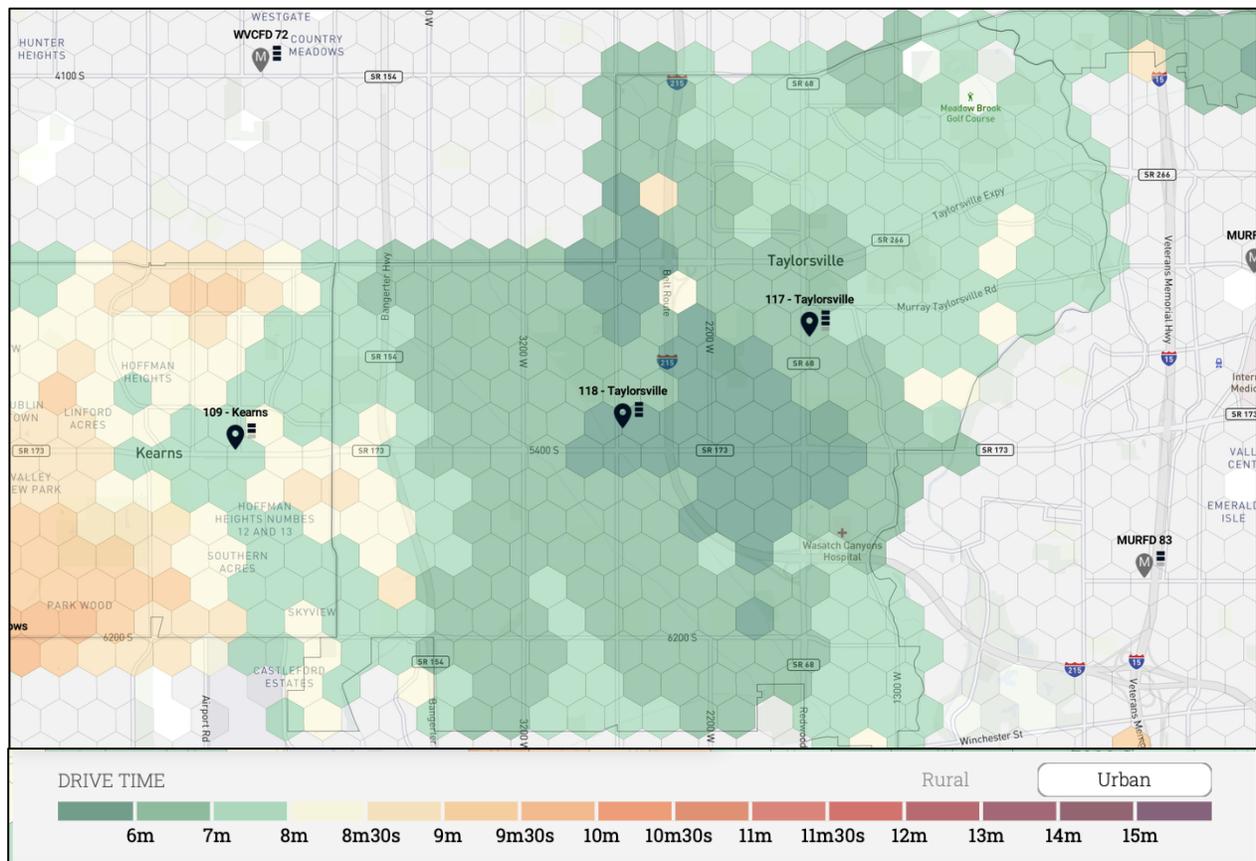


Image 4 - Response Times – Residential Fire Effective Response Force (17 ERF)

City of Taylorsville – Commercial Fire Effective Response Force (28 FF)

This map demonstrates the coverage of a multi-unit response to a commercial fire based off all apparatus being within their station. The green to light yellow demonstrates the ability to have twenty-eight firefighters (a commercial fire effective response force) on scene based off a residential urban fire force response. This map's drive times (or travel times) are based off the current NFPA 1710 standard of ten minutes and 10 seconds (90th percentile) from notification of the alarm to the arrival of the initial full alarm assignment (a minimum of 28 firefighters) for a commercial, high hazard or high-rise assembly — not an adopted standard by UFA. Based off predictive data, the 90th percentile for 28 firefighters to arrive on scene is 7:57.

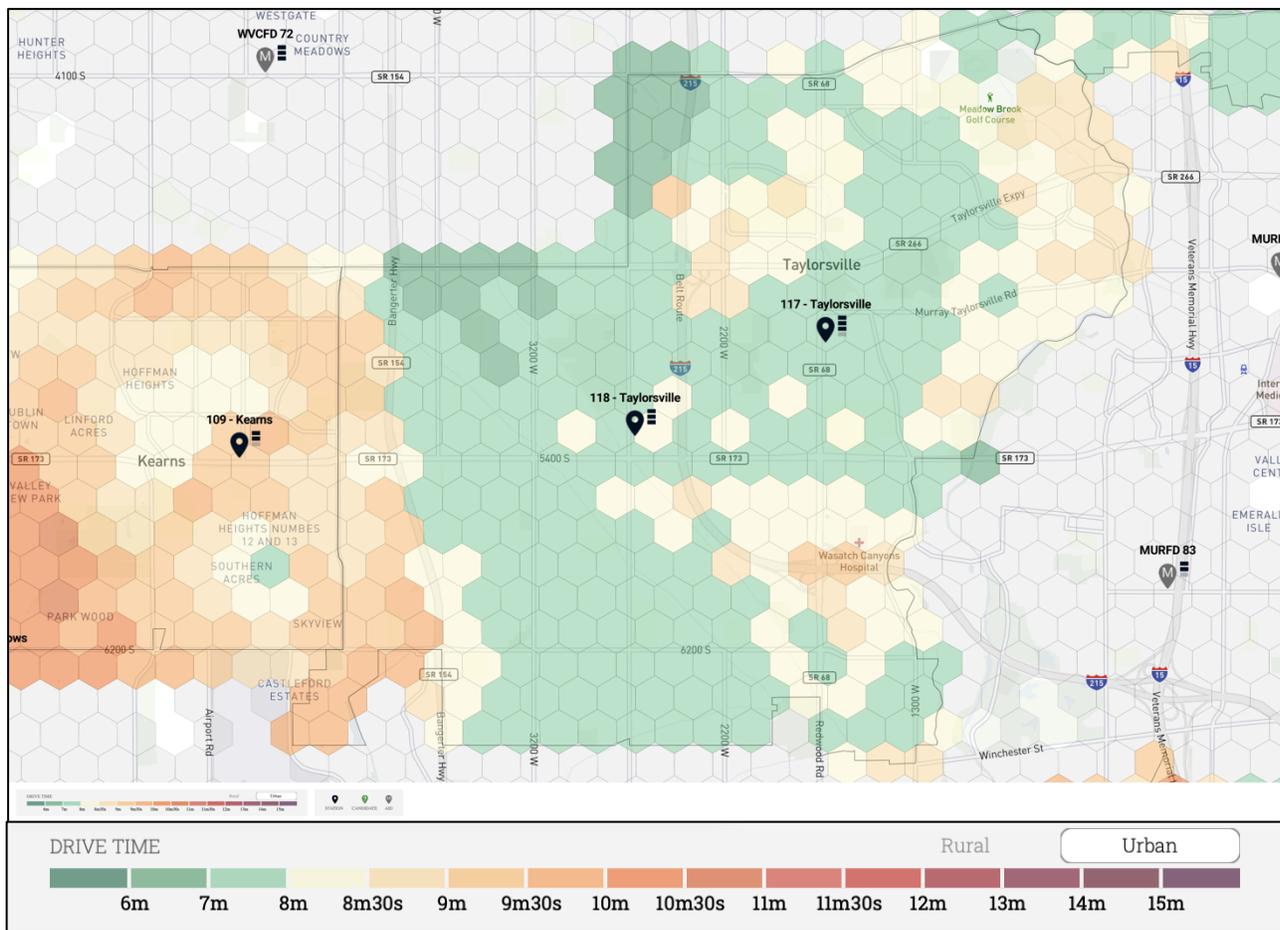


Image 5 - Response Times – Commercial Fire Effective Response Force (28 FF)

City of Taylorsville Risk Assessments

Infrastructure – Transportation	Infrastructure – Dams	Earthquake Liquefaction	Earthquake Faults	Avalanche	Unreinforced Masonry	Wildland Urban Interface	Tier II Sites	Hospitals	Schools	≥100,000 sq ft Structures	Residential Population
High	Mod	High	High	Low	High	Low	High	High	High	High	High

Transportation: Low Risk = 0-99 Linear Miles; Moderate Risk = 100-199 Linear Miles; High Risk = >200 Linear Miles
Dams: Low Risk = 0-3; Moderate Risk = 4-6; High Risk = ≥7
Liquefaction: The areas of liquefaction vary throughout the valley, with areas of high susceptibility running South and East from the Great Salt Lake
Earthquake Faults: Low Risk = 0-30,000 LF of fault line; Moderate Risk = 30,001-60,000 LF of fault line; High Risk = ≥60,001 LF of fault line
Unreinforced Masonry: Low Risk = 0-100; Moderate Risk = 101-1,000; High Risk = ≥1,001
Wildland Urban Interface: Low Risk = 0-25% WUI; Moderate Risk = 26-50% WUI; High Risk = ≥51% WUI
Tier II Sites: Low Risk = 1-5; Moderate Risk = 6-10; High Risk = ≥11
Hospitals: Low Risk = 0; Moderate Risk = 1; High Risk = ≥2
Schools: Low Risk = 0-5; Moderate Risk = 6-10; High Risk ≥11
100,000 sq ft Buildings: Low Risk = 0-5; Moderate Risk = 6-14; High Risk = ≥15
Population: Low Risk = 1-19,999; Moderate Risk = 20,000-39,999; High Risk = ≥40,000

Table 7 - Hazard Matrix

Infrastructure – Transportation

There are several high-level transportation routes within Taylorsville. I-215 runs north-south through the city and turns east-west on the south border of the city. State Road 154 runs north-south through the city. Several arterials and state roads also run through Taylorsville, with 4700 South, 5400 South, and 6200 South running east-west and Redwood Road, 2700 West and 3200 West running north-south through the city. There are 6.76 linear miles of Interstate/US Highway, 14.9 linear miles of State Highways, and 205.84 total linear miles of roadway. Taylorsville is in the high-risk category for road infrastructure.

Infrastructure – Water

There is one water district within Taylorsville, the Taylorsville-Bennion Improvement District.

Infrastructure – Dams

There are four identified dams within Taylorsville, which is in the moderate-risk category for dam infrastructure.

Natural Hazards

Within Taylorsville, there are no concerns with avalanche areas. Taylorsville is in the low-risk category for avalanches. There are several identified fault lines that run north/south through the city and are components of the Wasatch Fault. Taylorsville is in the high-risk category for both liquefaction for fault lines. There are roughly 14,547 linear feet of fault lines within Taylorsville. One of the biggest hazards that occur within an earthquake scenario is the number of unreinforced masonry (URM) buildings within Taylorsville, with an estimated 2,362 URM's, which constitutes about 9.25% of the overall URM's within UFA's response areas. Taylorsville is in the high-risk category for unreinforced masonry.

Wildland Urban Interface

The largest concern of a Wildland Urban Interface area within Taylorsville is in the river bottoms along the Jordan River. Taylorsville is in the low-risk category for Wildland Urban Interface.

Hazardous Materials / Tier II Sites

There are 24 identified HazMat/Tier II Sites within Taylorsville, which is in the high-risk category.

Hospitals

Taylorsville has three hospitals within its city boundaries.

- Taylorsville Emergency Center a freestanding ER associated with St. Mark's Hospital (2675 W Taylorsville Blvd, Taylorsville, UT 84129).
- Intermountain Health Primary Children's Hospital Behavioral Health Center (5770 S 1500 W, Taylorsville, UT 84123).
- Taylorsville IHC Clinic (3845 W 4700 S, Taylorsville, UT 84118)

Taylorsville is in the high-risk category for hospitals.

Schools

Taylorsville has eight elementary schools, two middle schools, one high school, two special education schools (K-12), three private schools within city boundaries, and one Community College main campus, which places it in the high-risk category.

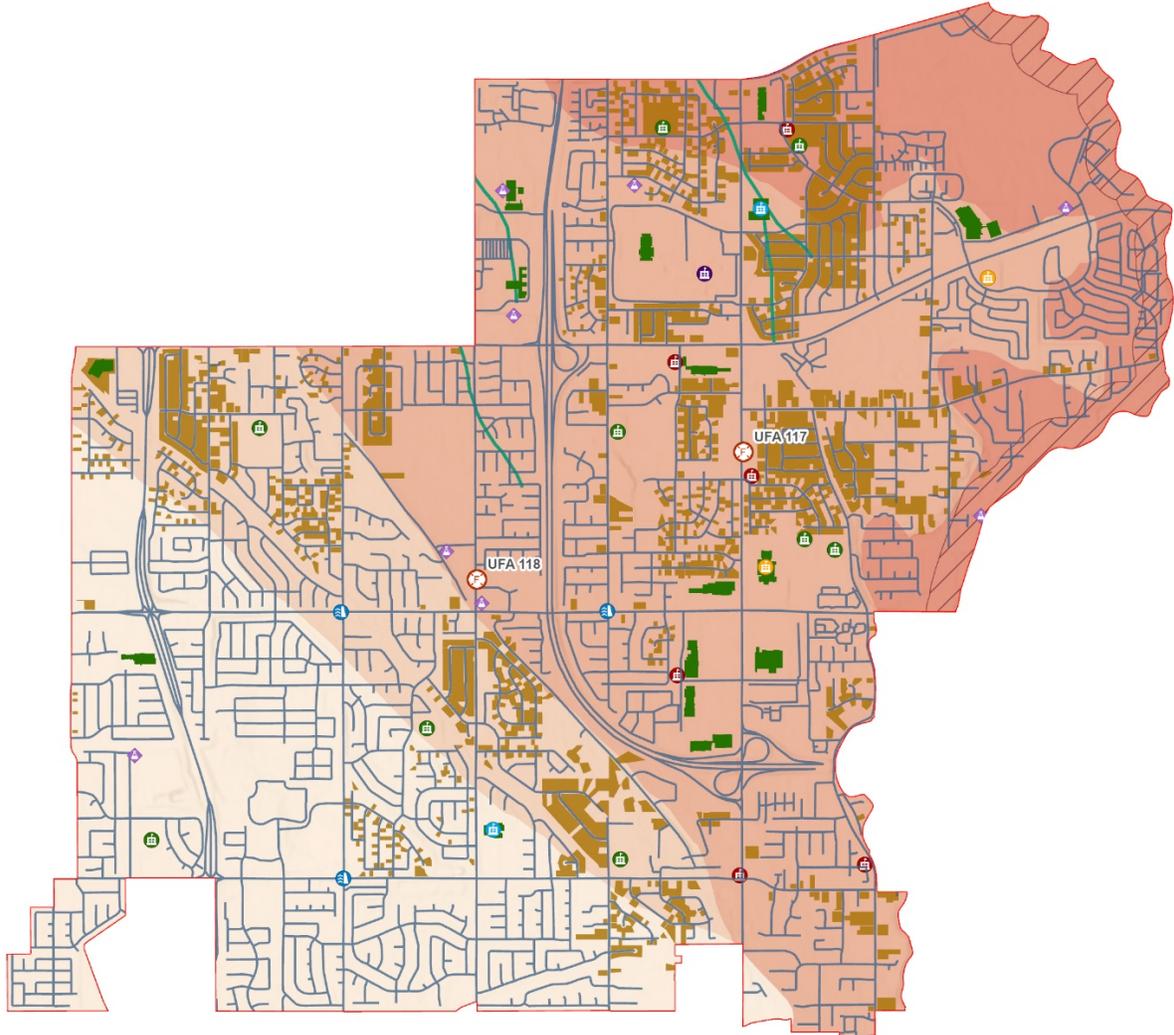
Target Hazards – Structures

Some of the target hazard occupancies in Taylorsville include:

- IvyBrook Assisted Living – 2011 W 4700 S
- Silver Crest Apartments – 2099 W 4700 S
- Legacy Village – 3251 W 5400 S
- Legacy House – 6302 S Gold Medal Dr
- Bristol Village Apartments – 6218 S Gold Medal Dr
- Avalon West
- Monument Health – 6246 S Redwood Rd
- Summit Vista – 3390 W Signal Peak Dr
- Meadow Peak Assisted Living 6084 S Summit Vista Blvd
- Taylorsville Utah Temple – 2603 W 4700 S
- Taylorsville State Office Building – 4315 S 2700 W
- Office of the Medical Examiner – 4451 S 2700 W
- Utah Public Health Laboratory – 4431 S 2700 W
- ICU Medical – 994 W Levoy Dr
- Nelson Laboratories 6280 S Redwood Rd

Life and Property Loss

From 2022-2024, there have been zero fatalities attributed to fire. There has been a total estimate of \$4,044,200.00 of property loss and a total estimate of \$2,376,375.00 of content loss due to fire.



- County Boundary
- Municipal Boundaries
- Buildings >= 100K Square Feet
- Liquefaction Potential**
 - Very Low Susceptibility
 - Low Susceptibility
 - Low - Moderate Susceptibility
 - Moderate Susceptibility
 - Unreinforced Masonry
- Wildland-Urban Interface
- Earthquake Faults and Folds**
 - Latest Quaternary
- Roads
- Dams
- Fire Stations
- Schools**
 - Elementary
 - Middle
 - High
 - Charter/Private/Specialty
 - Higher Education
 - Tier 2 Sites



Threats and Hazards



Image 6 - Threats and Hazards

