



Riverton City



Community Risk Assessment

Riverton City

UFA has three stations in Riverton City, covering a total of 12.6 square miles with a population of 46,505 as of 2024 and responded to 6,214 calls for service in 2022-2024.

Municipality	Population	Population Percentage of UFA	Square Miles	Population Density per Sq Mile	Classification	Value of Structures Protected
Riverton City	46,505	9.69%	12.6	3,705	Urban	\$4.3B

Riverton City increased its population from 45,285 in 2020 to 46,505 in 2024, showing an increase of 2.69% over a four-year timeframe.

Riverton City Station Information

Station 120	
Owner	Riverton City
Opened	1988/1999
Address	13000 South 2700 West
Staffing and Apparatus	<ul style="list-style-type: none"> • 2 Person - Medic Ambulance 120 • Wildland 1 • Seasonal - WL Sup Truck 1 • Seasonal - WL SL Chase Truck 1 • Seasonal - WL SL Chase Truck 2 • Seasonal - Crew Carrier 1 • Seasonal - Crew Carrier 2 • Seasonal - Engine 301 (Type 3) • Seasonal - Engine 302 (Type 3) • Seasonal - Fuels Crew Chase Truck 1 • Seasonal - Fuels Crew Chase Truck 2 • Seasonal - Fuels Crew Type 6

Station 121	
Owner	Riverton City
Opened	2006
Address	4146 West 12600 South
Staffing and Apparatus	<ul style="list-style-type: none"> • 4 Person - Medic Ladder 121 (Type 1) • 2 Person - Medic Ambulance 121 • Cross-Staffed - Heavy Rescue 121
Station 124	
Owner	Riverton City
Opened	2013
Address	12662 South 1300 West
Staffing and Apparatus	<ul style="list-style-type: none"> • 4 Person - Medic Engine 124 (Type 1) • Cross-Staffed - HazMat 124

Surrounding UFA and Automatic/Mutual Aid Response Stations

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

Station Number	City Location	Staffing
Station 103	Herriman City	<ul style="list-style-type: none"> • 4 Person - Medic Engine 103 (Type 1/3) • 2 Person - Medic Ambulance 103 (PL 12 Hour) • Cross-Staffed - WLDO Sup Truck
Station 123	Herriman City	<ul style="list-style-type: none"> • 4 Person - Medic Engine 123 (Type 1) • 2 Person - Event Ambulance 223 • Cross-Staffed - Engine, 6123 (Type 6) • Cross-Staffed - WTT 123 (Type 1) • Battalion 12
Station 91	Bluffdale City	<ul style="list-style-type: none"> • 2 Person - Medic Engine 91 (Type 1) • 2 Person - Medic Ambulance 91 • Cross-Staffed Engine 691 (Type 6) • Cross Staffed WTT 93 (Type 1) • Battalion Chief 91
Station 92	Bluffdale City	<ul style="list-style-type: none"> • 2 Person - Engine 92 (Type 1) • 2 Person - Medic Ambulance 92 • Cross-Staffed - Engine 692 (Type 6) • Cross-Staffed - Engine 693 (Type 6)
Station 61	South Jordan City	<ul style="list-style-type: none"> • 3 or 4 Person - Ladder 61 (Type 1) • 2 Person - Medic Ambulance 61 • Battalion Chief 61

Station 62	South Jordan City	<ul style="list-style-type: none"> • 3 Person - Engine 62 (Type 1) • 2 Person - Medic Ambulance 62 • Cross-Staffed - Engine 362 (Type 3)
Station 63	South Jordan City	<ul style="list-style-type: none"> • 3 Person - Medic Engine 63 (Type 1) • 2 Person - Medic Ambulance 63 • Cross-Staffed - Engine 663 (Type 6) • Cross-Staffed - HazMat 63
Station 64	South Jordan City	<ul style="list-style-type: none"> • 3 Person - Medic Engine 64 (Type 1) • 2 Person - Medic Ambulance 64 • 2 Person - Medic Ambulance 264 • Cross-Staffed - Heavy Rescue 64
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) • Battalion Chief 51
Station 54	West Jordan City	<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)

Riverton City – Incidents by Dispatch Type

	CY 2022	CY 2023	CY 2024
Fire Suppression	34 1.7%	43 2.1%	37 1.7%
EMS	1501 74.1%	1343 66.6%	1456 67.1%
HazMat	42 2.1%	50 2.5%	47 2.2%
Service Call	81 4%	134 6.6%	161 7.4%
Good Intent	199 9.8%	239 11.8%	288 13.3%
False Call	153 7.5%	200 9.9%	175 8.1%
Natural Condition	6 0.3%	2 0.1%	1 0%
Other Situation	5 0.2%	6 0.3%	5 0.2%
Unknown	6 0.3%	0 0%	0 0%
Total	2027 100%	2017 100%	2170 100%

Table 1 - Incidents by Dispatch Type

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



Chart 1 - Dispatch and Response Times

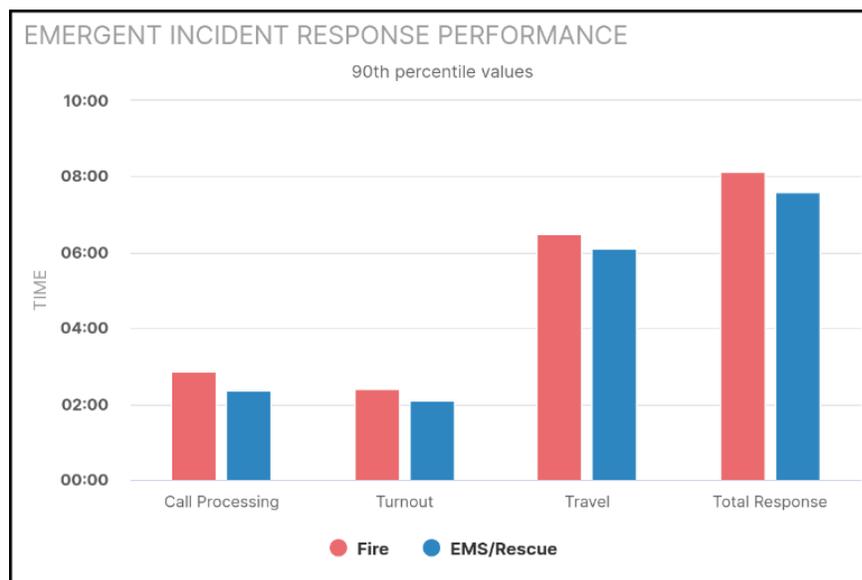


Chart 2 - Emergent Incident Response Performance

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
Riverton City 2022	3:10	2:15	7:27	10:55	2:20	2:11	6:06	9:13
Riverton City 2023	2:43	2:06	6:55	10:46	2:12	2:02	6:06	9:13
Riverton City 2024	2:29	2:31	6:56	11:11	2:06	2:11	6:01	9:03
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

Riverton City – 2022-2024 Total Response Times

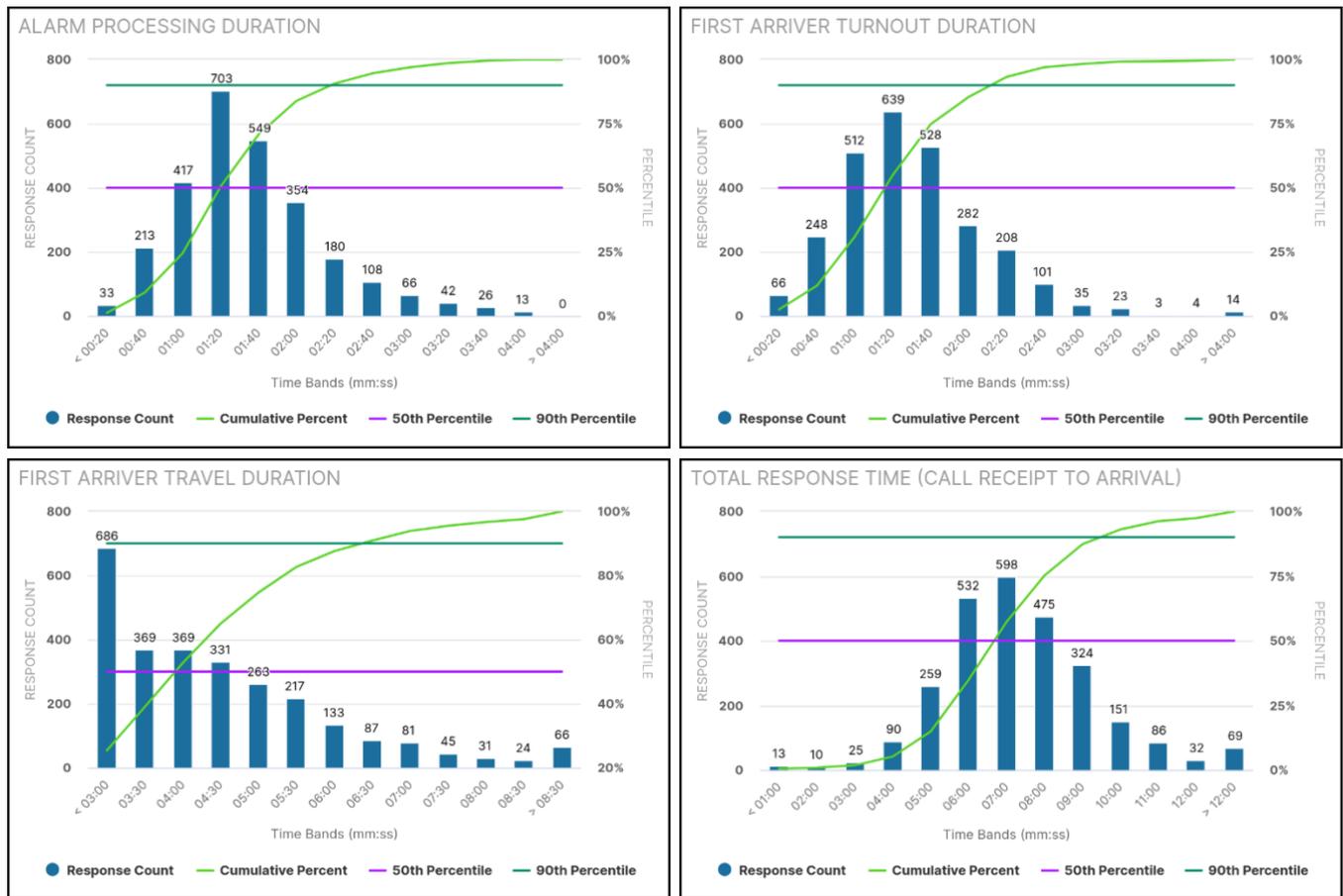
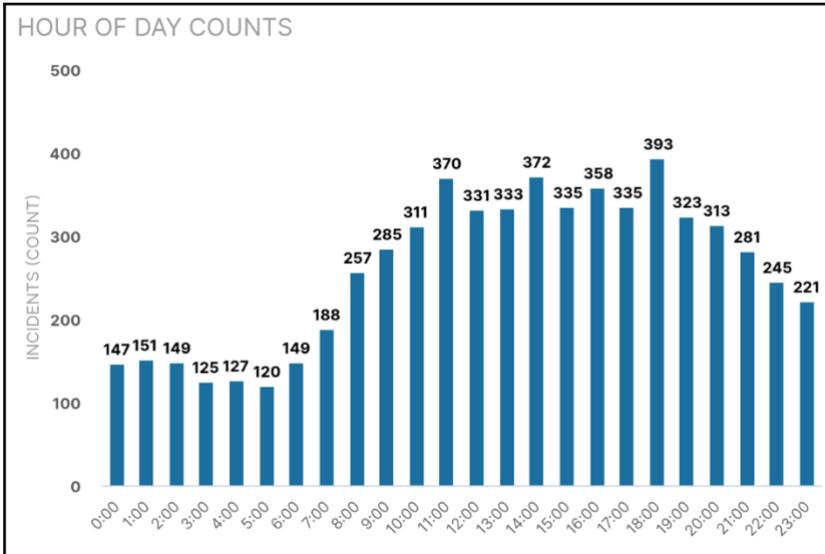


Chart 3 - Turnout and Travel Times

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

Riverton City: 2022-2024 Incidents by Time of Day



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

Chart 4 – Incidents by Time of Day

Riverton City – 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 a modest increase toward the end of the week and peak call volume occurring on Friday.

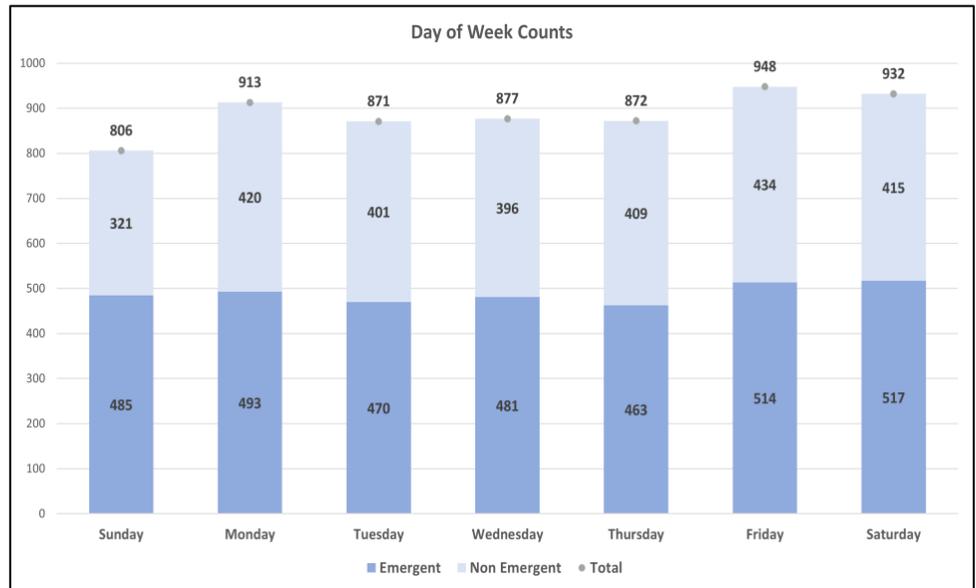


Chart 5 – Incidents by Day of Week

Riverton City – 2022-2024 EMS Calls and Ambulance Transports

Total EMS Calls	Total Ambulance Transports	% Of EMS Calls Requiring Transport
4,300	2,595	60%

Table 3 - EMS Calls and Ambulance Transports

Riverton City – 2022-2024 EMS Incidents by Dispatch Type

EMS Call Type	Incident Count
Fall	485
Sick Person	464
Unconscious	264
Breathing Problem	231
Seizure	231

Table 4 - Top 5 Medical Calls

Riverton City – 2022-2024 Fire Incidents by Dispatch Type

NFIRS Description	Incident Count	% of Incidents	NFIRS Description	Incident Count	% of Incidents
Structure Fire	33	28.95%	Special Outside Fire	5	4.39%
Natural Vegetation Fire	19	16.67%	Fire, Other	18	15.79%
Outside Rubbish Fire	20	17.54%	Mobile Property Fire	1	0.88%
Vehicle Fire	18	15.79%	Total	114	100%

Table 5 – Incidents by Dispatch Type

Riverton City – Building Occupancy Classification and Risk Categories

Occupancy Classification	Low	Moderate	High	Max	Total
Agriculture	7	2	0	0	9
Assembly	26	36	30	0	92
Commercial	158	85	46	6	295
Education	54	8	16	3	81
Government	47	17	7	0	71
Hazardous	4	0	0	0	4
Healthcare	0	1	5	1	7
High Rise	0	0	0	0	0
Industrial	15	3	6	3	27
Mixed Use	0	0	0	0	0
Residential **	12166	344	38	0	12548
Single Family Residential	4015	6966	832	7	11820
Multi-family Residential	274	227	102	24	627
Unclassified/Storage	63	8	6	0	77
Utility and Miscellaneous	0	0	0	0	0
Total	16829	7697	1088	44	25658

**** 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 – Building Occupancy and Risk Categories

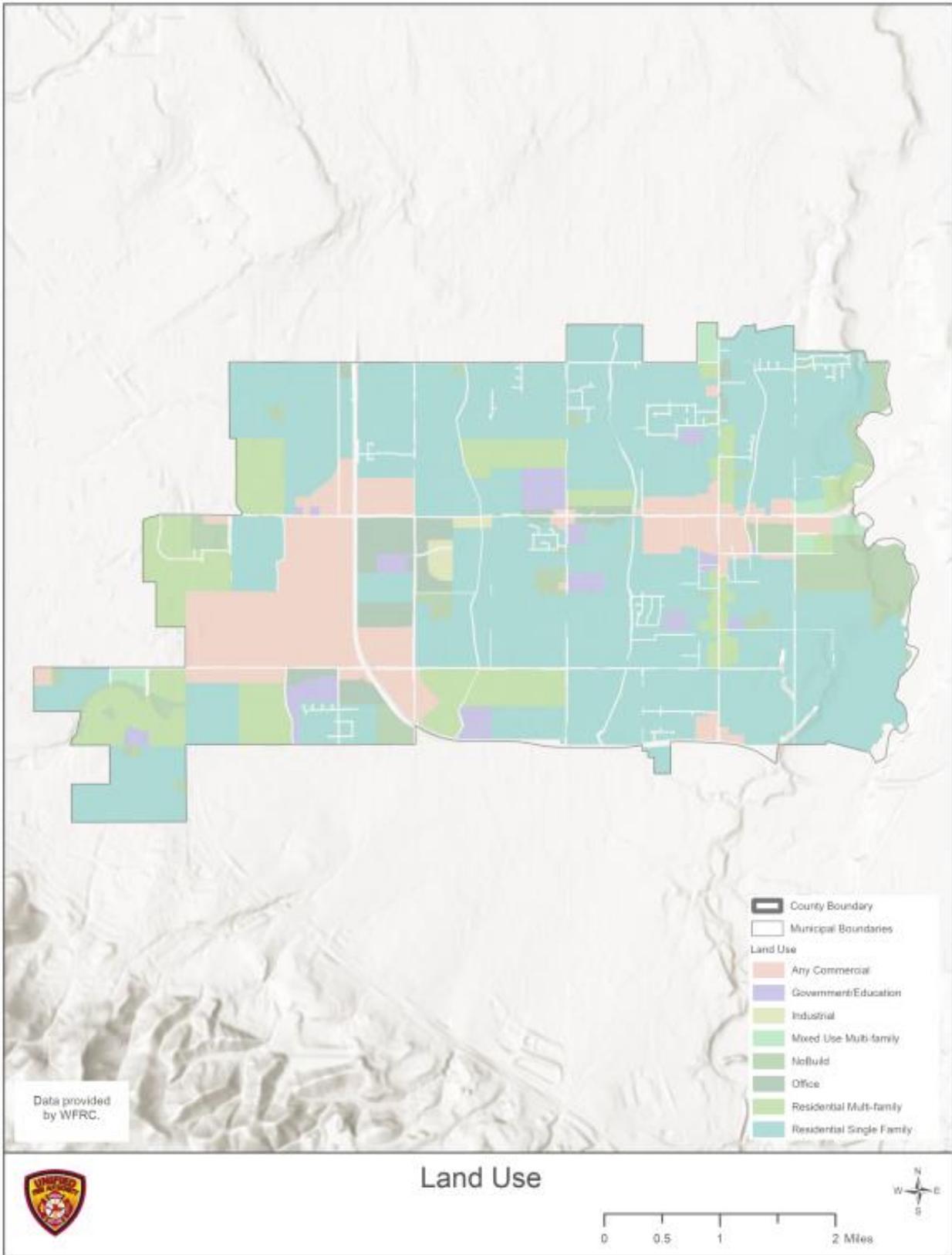
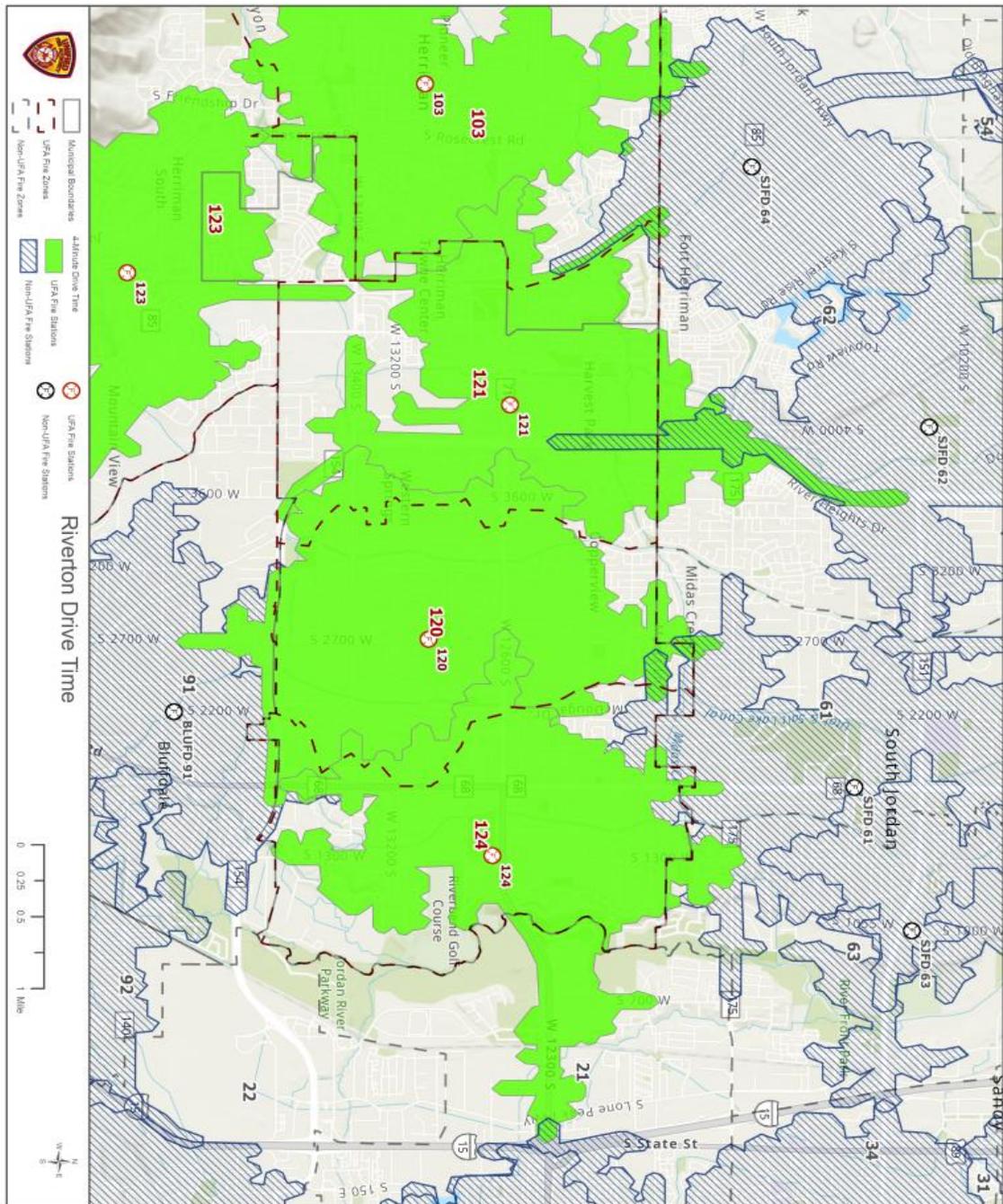


Image 1 - Land use



- Municipalities
- Fire Zones
- UFA Fire Stations
- Non-UFA Fire Stations
- 4 Minute Response Times Non-UFA Fire Stations
- 4 Minute Response Times UFA Fire Stations

Four Minute Response Times - UFA and Non-UFA Stations



September 2022

Image 2 - Four Minute Response Times - UFA and Aid

Riverton City – 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 Riverton City, 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.

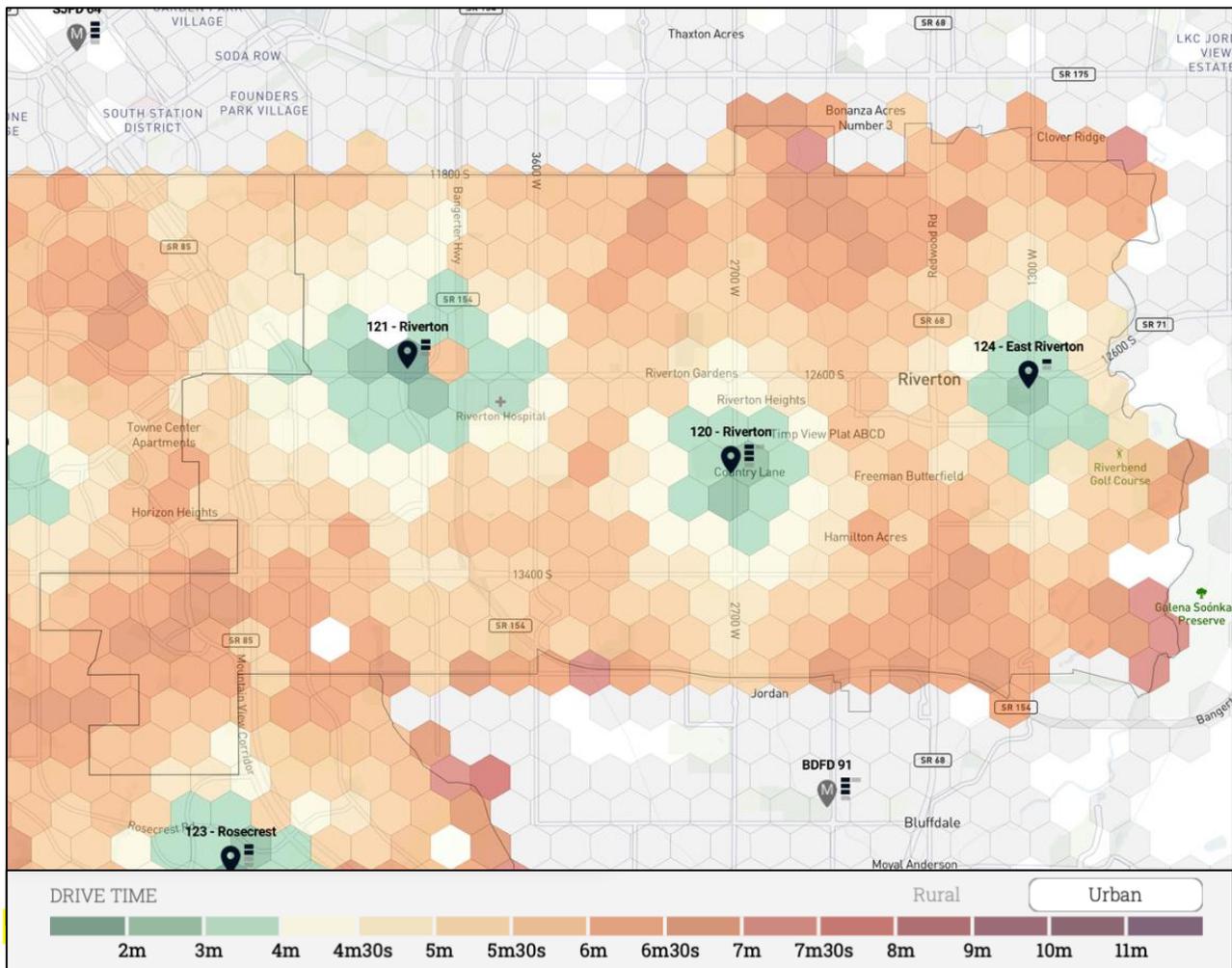


Image 3 – Emergent Response Times – All Aid

Riverton City – 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 7:51.

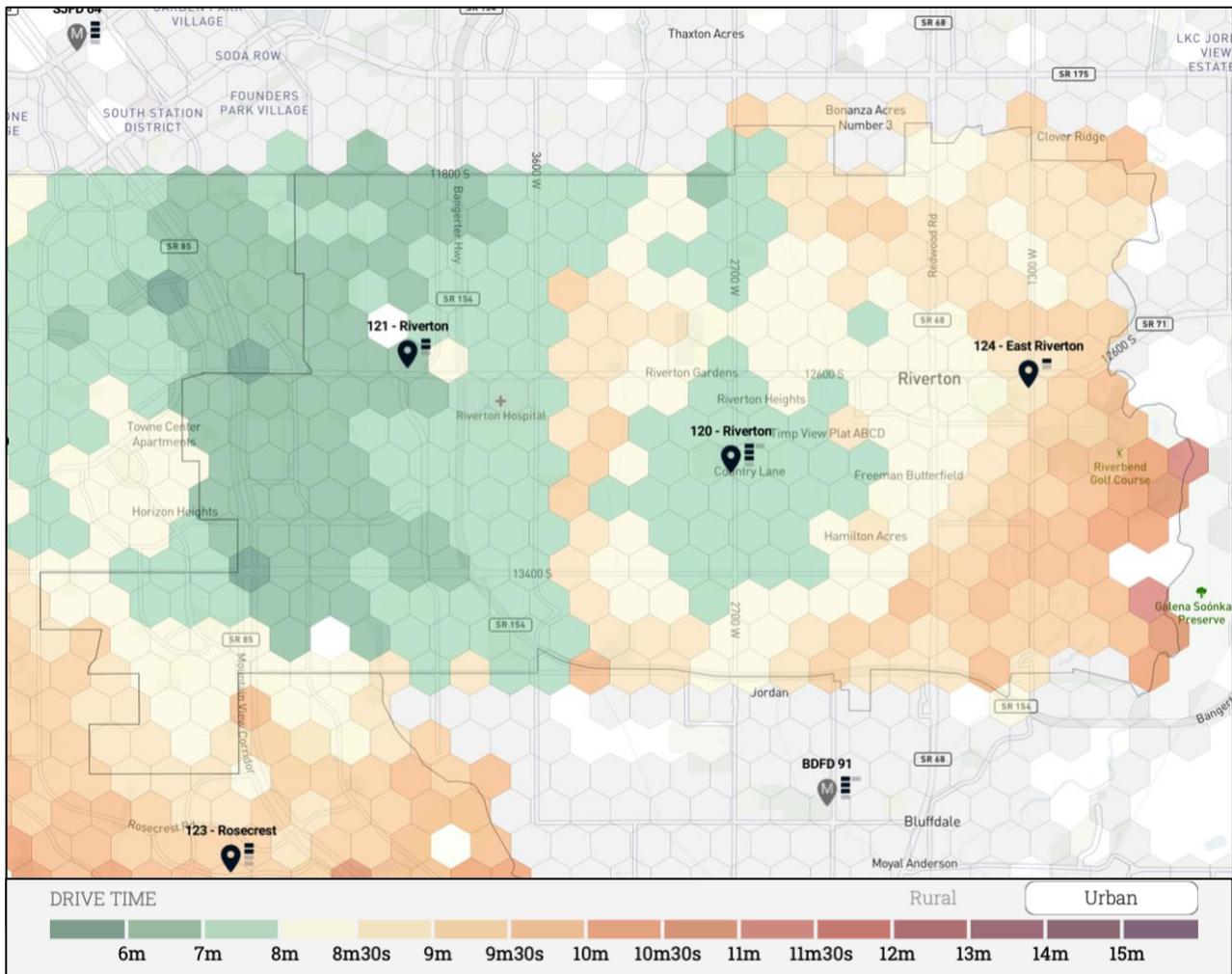


Image 4 - Response Times – Residential Fire Effective Response Force (17 ERF)

Riverton City – 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 9:02.

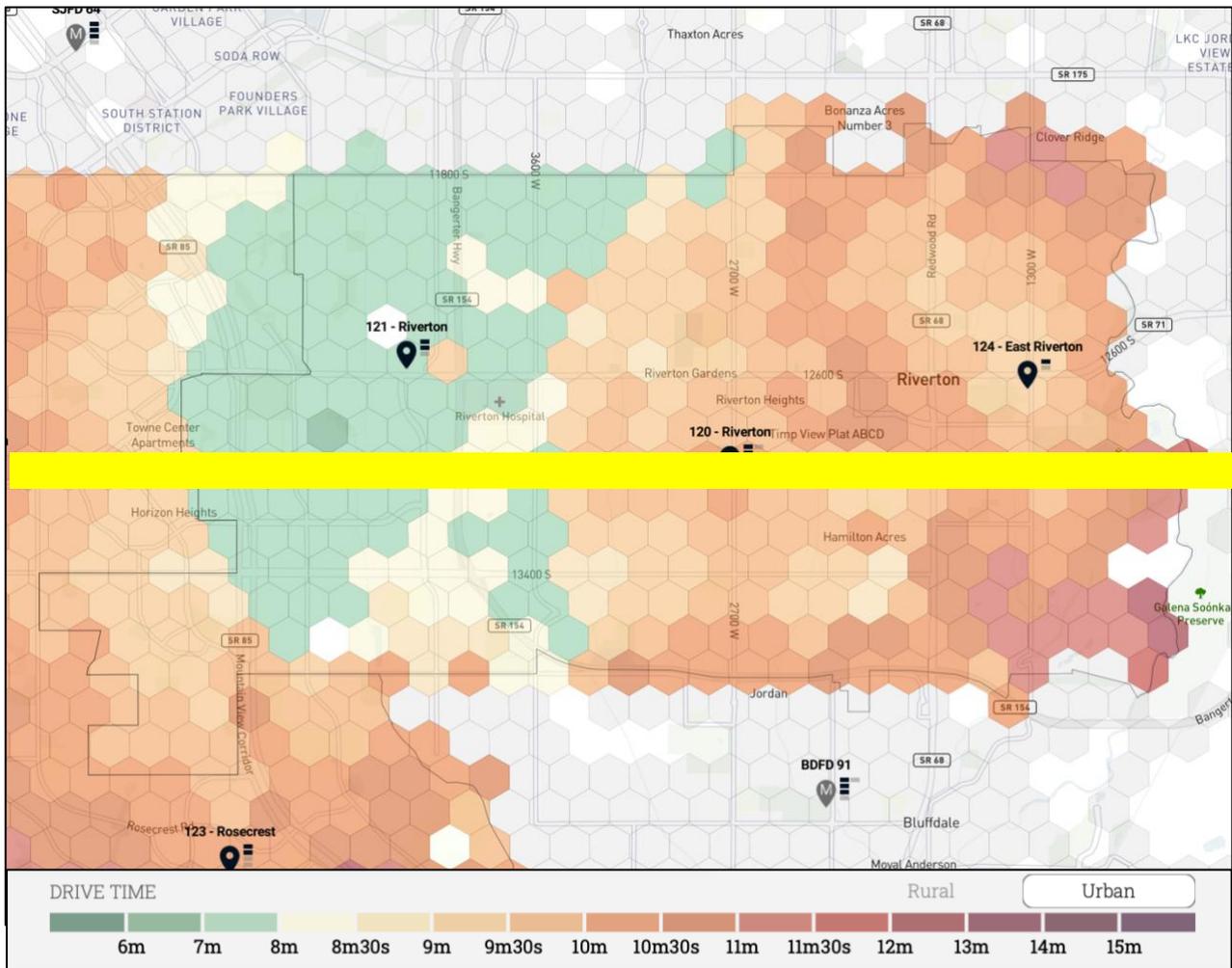


Image 5 - Response Times – Commercial Fire Effective Response Force (28 FF)

Riverton City 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
Mod	Mod	Low	Low	Low	Low	Mod	Mod	Mod	High	Mod	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 Riverton City. Bangerter Highway (SR154) runs north-south through the city and on the south border of the east side of the city, the Mountain View Corridor (SR85) runs on the north-south on the west side of the city, and SR71 runs through the middle of the city. Several arterials and state roads also run through Riverton, with 13400 South, 12600 South, 3600 West, 2700 West and Redwood Road. There are zero linear miles of Interstate/US Highway, 15.26 linear miles of State Highways, and 195 total linear miles of roadway. Riverton City is in the moderate-risk category for road infrastructure.

Infrastructure – Water

There is one water district within Riverton City, Riverton City Water District, via the Jordan Valley Water Conservancy District.

Infrastructure – Dams

There are six identified dams within Riverton City. Riverton City is in the moderate-risk category for dam infrastructure.

Natural Hazards

Within Riverton City, there are no concerns with avalanche areas. Riverton is in the low-risk category for avalanche. There are no identified fault lines that run through the city and are components of the Wasatch Fault. Riverton City is in the low-risk category for both liquefaction and fault lines. One of the biggest hazards that occur within an earthquake scenario is the number of unreinforced masonry (URM) buildings within Riverton City, with an estimated 477 URM's, which constitutes about 1.86% of the overall URM's within UFA's response areas. Riverton City is in the low-risk category for unreinforced masonry.

Wildland Urban Interface

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

Hazardous Materials / Tier II Sites

There are four identified HazMat/Tier II Sites within Riverton City, which is in the moderate-risk category.

Hospitals

Riverton City has one hospital, Riverton Hospital, located at 3741 W 12600 S. Riverton City is in the moderate-risk category for hospitals.

Schools

Riverton City has seven elementary schools, two middle schools, one high school, one special education k-12 school, and two private schools within city boundaries, which place it in the high-risk category.

Target Hazards – Structures

Some of the target hazard occupancies in Riverton include:

- Riverton City Hall -12830 S Redwood Rd
- Riverton Hardware - 12773 S Redwood Rd

- IHC Riverton Hospital - 3741 W 12600 S
- IFA 1926 W 12600 S
- Home Depot 3852 W 13400 S
- Lowe's 12462 S Creek Meadow Rd
- Neuro restorative/ Country Life Care Center -13747 & 13757 S Redwood Rd
- Stamp It Up - 12907 S 3600 W
- Costco - 13126 S. Eagles Flight Rd

Life and Property Loss

From 2022-2024, there have been zero fatalities attributed to fire. There has been a total estimate of \$510,932.00 of property loss and a total estimate of \$172,065.00 of content loss due to fire.

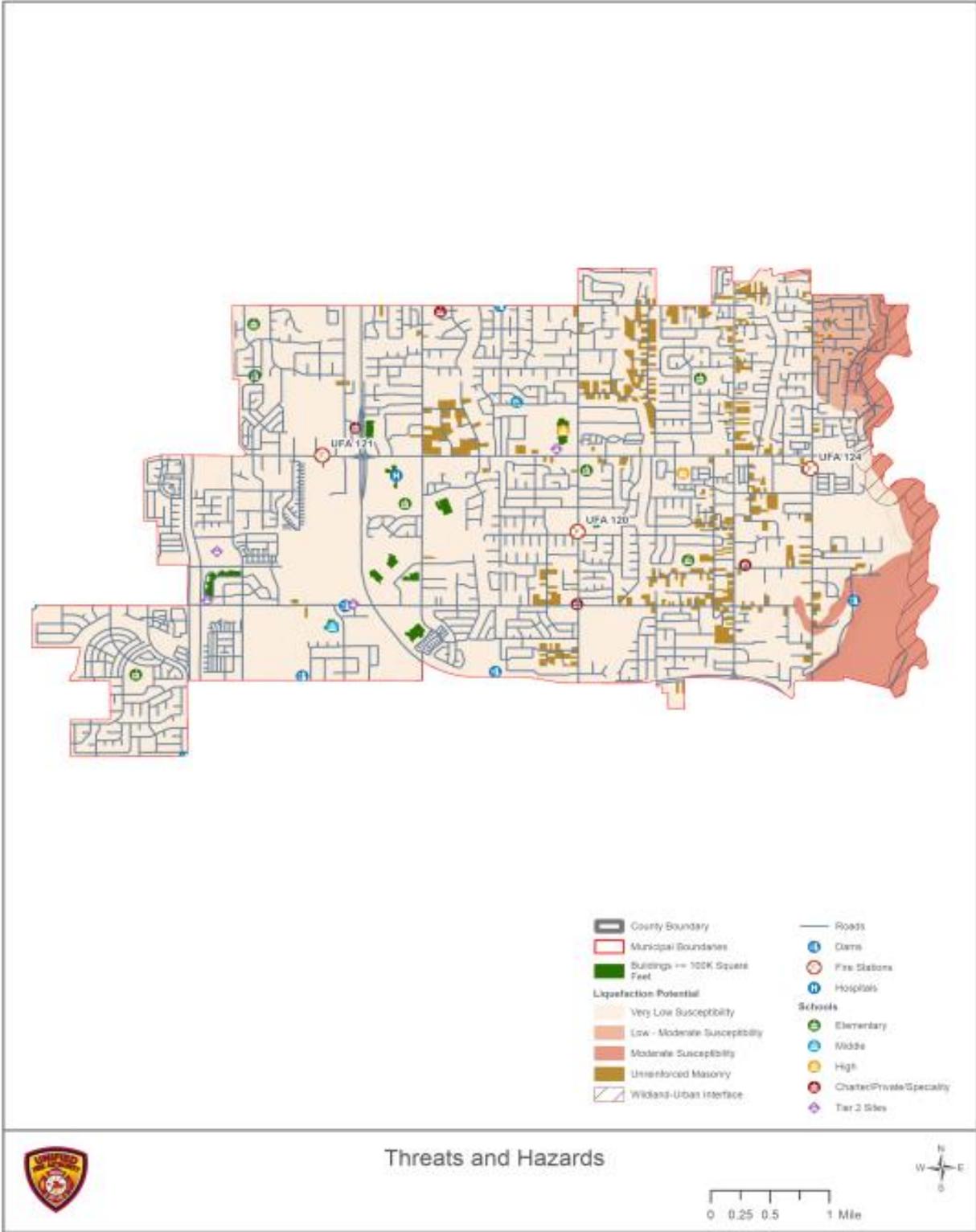


Image 6 - Threats and Hazards

