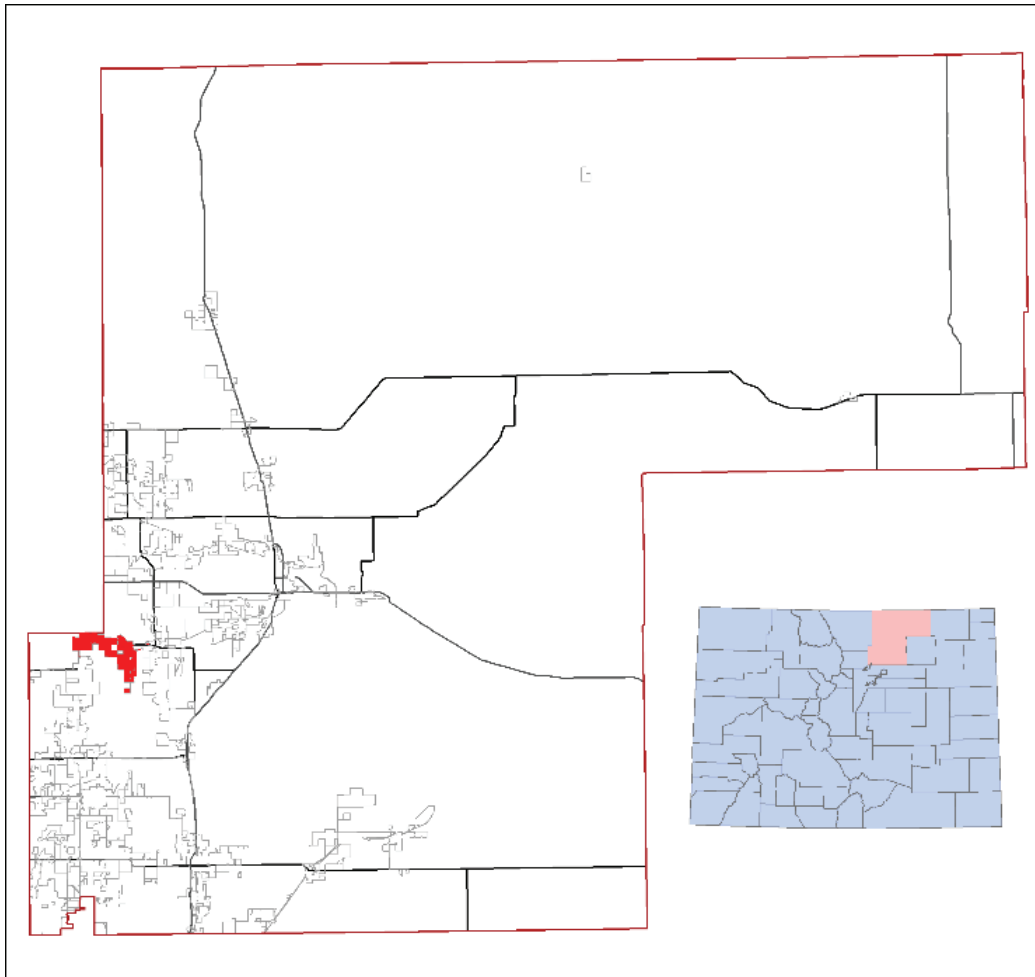


7.11 Town of Johnstown

The 2020 Town of Johnstown Comprehensive Plan states the community mission as “*enhancing the quality of life of our residents, businesses, and visitors through community-focused leadership.*” Along with this mission the vision statement of “*connecting community with opportunity*” shows the commitment to community-driven growth and development.

7.11.1 Community Profile

The Town of Johnstown falls in both Larimer and Weld Counties. Greeley is approximately ten miles to the east-northeast and Loveland is approximately nine miles to the northwest. With a location adjacent to Interstate 25 and a Great Western Railroad interchange, the Town has a unique advantage for transporting goods and services across the region.



The table below summarizes key demographic characteristics of Johnstown.

Table 146. Town of Johnstown Demographics

Johnstown	Colorado	
18,198	5,758,736	Population, 2019
54.1%	14.5%	Population, % change April 1, 2010 to July 1, 2019
9.2%	5.8%	% Population under 5 years, 2019

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Johnstown	Colorado	
25.7%	21.9%	% Population under 19 years, 2019
12.9%	14.6%	% Population 65 years and over, 2019
88.5%	64.9%	Homeownership Rate, 2019
2.87	2.56	Persons Per Household, 2019
\$90,240	\$68,811	Median Household Income, 2014- 2018
2.9%	9.3%	Persons below poverty level, %, 2014- 2018
4.7%	7.3%	% Population under 65 years, with a disability 2014- 2018
13.7%	17%	Language other than English spoken at home, % age 5+, 2014- 2018

Source: US Census Bureau

7.11.2 Risk and Vulnerability Assessment

The Town of Johnstown is situated in both Larimer and Weld Counties. For the purpose of this plan, spatially analyzed hazard risks have been assessed for the areas of the city that lie specifically within Weld County.

Table 147 summarizes the results of the RF ranking exercise performed by the Town of Johnstown. The results represent the relative risk of different hazards across the municipality from the perspective of local stakeholders and subject matter experts. Note the final RF Ranking values in this table include the weighting factors detailed in the Risk Assessment chapter of this Plan.

Table 147. Risk Factor Results for Johnstown

Hazard	Probability	Impact	Spatial Extent	Warning Time	Duration	RF Ranking
Agricultural Hazards	3	1	2	1	4	2.1
Cyber Hazards	3	1	2	4	4	2.4
Drought	2	1	4	1	4	2.2
Earthquake	1	1	3	4	1	1.7
Extreme Temps.	2	1	4	1	4	2.2
Flood	3	2	1	2	3	2.2
Hazmat Release	3	1	1	4	1	1.9
Land Subsidence	4	1	1	4	4	2.5
Prairie Fire	3	1	1	4	2	2.0
Public Health Hazards	2	3	4	1	4	2.8
Severe Storms	3	1	4	2	2	2.4
Tornado & Wind	4	1	2	4	1	2.4

The conclusions drawn from the qualitative assessment are organized into three categories shown in the following table and provide a summary of hazard risk for Johnstown as a whole - based on High, Moderate, or Low risk designations. This process helped frame ongoing planning discussions around local and regional hazard risks and assisted with the development of the Plan's updated mitigation strategy.

Table 148. Hazard Risk Conclusions for Johnstown

HIGH RISK (2.5 or higher)	Land Subsidence, Public Health Hazards
MODERATE RISK (2.0 – 2.4)	Agricultural Hazards, Cyber Hazards, Drought, Extreme Temperatures, Flood, Prairie Fire, Severe Storms, Tornado & Straight-Line Wind
LOW RISK (1.9 or lower)	Earthquake, Hazmat Release

The following sections highlight the Town of Johnstown’s High Risk hazards and include any specific content relevant to the Town. They are intended to supplement information included in each hazard profile in the main body of this Plan.

7.11.2.1 Land Subsidence

Johnstown’s vulnerability to land subsidence is not noticeably different from the rest of the County. Although undermined areas have not been identified within the Town’s borders, there are multiple identified areas within ten miles of Johnstown that had historic mining activities. There are no previous events to document specific to Johnstown. Future occurrences are expected to mirror that of the County. Refer to Chapter 5 – Risk Assessment of this Plan for additional details.

7.11.2.2 Public Health Hazards

Vulnerability to public health hazards is not expected to be noticeably different from the rest of the County. Individuals at a higher risk to this hazard include the aging adult population, those with a chronic illness, such as diabetes, asthma, coronary heart disease, and those who are obese or overweight. Other populations at risk include children, those in poverty and those with a disability. This data is collected at census tract level by the Centers for Disease Control (CDC) and is unavailable at a municipality level. The data by census tract can be found in the Colorado Department of Health and Environment Open Data database [here](#).

Future occurrences are expected to mirror that of the County. There are no previous events to document specific to Johnstown. Refer to Chapter 5 – Risk Assessment of this Plan for additional details, including a summary of the higher risk population demographics for Weld County and the State.

7.11.3 Capabilities Assessment

The capability assessment examines the ability of the Town of Johnstown to implement and manage the comprehensive mitigation strategy laid out in this Plan. The strengths, weaknesses, and resources of the community are identified here as a means for evaluating and maintaining effective and appropriate management of the Town’s hazard mitigation program.

Planning and regulatory capabilities are powerful tools for implementing hazard mitigation. The Town currently utilizes or has implemented many of these capabilities shown in Table 149. It is important for all municipalities to regularly review each of these tools, to identify opportunities for further risk reduction efforts.

Table 149. Planning & Regulatory Capabilities

Mitigation Capability	Utilized?	Comments
Comprehensive, Master, or General Plan	Yes	

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Mitigation Capability	Utilized?	Comments
Capital Improvement Program or Plan (CIP)	Yes	
Floodplain Management Plan	No	
Stormwater Program / Plan	No	
Community Wildfire Protection Plan (CWPP)	No	
Erosion / Sediment Control Program	Yes	Require grading and ECP prior to site work
Economic Development Plan	Yes	
Other:	No	
Building Codes (Year)	Yes	2018
Site Plan Review Requirements	Yes	
Other:	No	
Zoning Ordinance (Land Use)	Yes	
Subdivision Ordinance	Yes	
National Flood Insurance Program (NFIP) Participant	Yes	
Flood Insurance Study / Flood Insurance Rate Map / DFIRM	Yes	
Floodplain Ordinance	Yes	
Elevation Certificates for Floodplain Development	Yes	Not in FEMA certificate
Community Rating System (CRS) Participant	No	Under consideration for 2021
Open Space / Conservation Program	No	
Growth Management Ordinance	Yes	
Stormwater Ordinance	Yes	
Other Hazard Ordinance (steep slope, wildfire, snow loads, etc.)	Yes	
Other:	No	

Available resources including staff, municipal groups, and technology are all vital for a community to be able to implement hazard mitigation. Johnstown is fortunate to have most all of these capabilities identified in Table 150.

Table 150. Administrative & Technical Capabilities

Mitigation Capability	Utilized?	Comments
Planning Commission	Yes	
Mitigation Planning Committee	No	
Maintenance Programs (tree trimming, clearing drainage, etc.)	Yes	
Emergency Manager	Yes	
Building Official	Yes	
Floodplain Administrator	Yes	

Mitigation Capability	Utilized?	Comments
Community Planner	Yes	
Transportation Planner	Yes	
Civil Engineer	Yes	
GIS Capability	Yes	
Resiliency Planner	No	
Other:	No	
Warning Systems / Services (flood)	No	
Warning Systems / Services (other / multi hazard)	Yes	
Grant Writing / Management	Yes	
Other:	No	

The ability of a community to implement a comprehensive mitigation strategy is largely dependent on available funding. These related municipal capabilities are outlined in Table 151 and show that Johnstown utilizes a range of financial tools that can support mitigation activities.

Table 151. Financial Capabilities

Mitigation Capability	Utilized?	Comments
Levy for Specific Purposes with Voter Approval	No	
Utilities Fees	Yes	
System Development / Impact Development Fee	Yes	
General Obligation Bonds to Incur Debt	No	
Special Tax Bonds to Incur Debt	No	
Open Space / Conservation Fund	No	
Stormwater Utility Fees	Yes	
Capital Improvement Project Funding	Yes	
Community Development Block Grants (CDBG)	No	
Withheld spending in hazard-prone areas	No	
Other:	No	

Education and outreach are important capabilities that allow a community to continue the conversation with their public regarding hazard risk and opportunities to mitigate. Table 152 shows that Johnstown could benefit by expanding upon these capabilities.

Table 152. Education & Outreach Capabilities

Mitigation Capability	Utilized?	Comments
Public Hazard Education / Outreach Program	No	
Local Citizen Groups That Communicate Hazard Risks	No	
Firewise	No	
NOAA StormReady Program	No	
Other:	No	

7.11.4 Integrating Hazard Mitigation into Local Planning

The Town will integrate the HMP a number of ways. It will be reviewed when performing future Stormwater Master Planning efforts to prioritize capital spending for stormwater projects. The Town also plans to develop an Emergency Response Plan that address the hazard mitigation including installing an emergency generator. Additional opportunities include working with neighboring agencies to develop community preparedness education and outreach efforts. Additional future plans to integrate include a Community Impact Study and Vulnerable Populations-Shelter Capabilities Plan.

7.11.5 Mitigation Actions

The mitigation actions identified by the Town during the Plan update are included in Table 153.

Table 153. 2021 Mitigation Actions

ID	Organization	Action
2021-62	1-Johnstown	Resiliency Study
2021-63	2-Johnstown	Drainage Improvements Old Town
2021-64	3-Johnstown	Install Emergency Generator
2021-65	4-Johnstown	Community Preparedness Education
2021-66	5-Johnstown	Community Impact Study -Vulnerable Populations-Shelter Capabilities Planning