
Town of Perry Annex

Community Profile

The Town of Perry is located in the far southwest quadrant of Dane County, south of the Villages of Mount Horeb and Blue Mounds and west of the Town of Primrose. Land use is dominated by agriculture and woodlands, and dispersed one- and two-family homes. According to the Dane County Land Information Office, the area of the Town is 36.05 square miles.

As of the 2010 Census, there are 729 people, 280 households, and 217 families residing in the Town of Perry. The population density is 20.2 per square mile. There are 302 housing units at an average density of 8.4 per square mile. Table 1 shows the population profile by age for the Town of Perry according to the 2010 Census.

Table 1 Population Profile of Town of Perry

Category	Number	Percent
Total population	729	100.0
Under 5 years	33	4.5
5 to 9 years	43	5.9
10 to 14 years	67	9.2
15 to 19 years	56	7.7
20 to 24 years	13	1.8
25 to 29 years	25	3.4
30 to 34 years	25	3.4
35 to 39 years	39	5.3
40 to 44 years	65	8.9
45 to 49 years	71	9.7
50 to 54 years	80	11.0
55 to 59 years	62	8.5
60 to 64 years	46	6.3
65 to 69 years	44	6.0
70 to 74 years	21	2.9
75 to 79 years	17	2.3
80 to 84 years	15	2.1
85 years and over	7	1.0

Data Source: 2010 U.S. Census

American Community Survey estimates for 2014 indicate that the median income for a household in the Town of Perry is \$76,125 and the median income for a family is \$89,583. The per capita income for the Town of Perry is \$40,448. 95.1% of the population has at least a high school degree, while 35.3% of the population holds at least a bachelor's level degree.

Hazard Identification and Risk Assessment

The first step in a hazard analysis is to identify which hazards the community is vulnerable to. Table 2 outlines the hazard identification for the Town of Perry based on the Data Collection Guide. The Data Collection Guide listed all of the hazards that could impact anywhere in Dane County. The purpose of this worksheet was to identify and rank the hazards and vulnerabilities specific to the jurisdiction. The Town of Perry’s planning team members were asked to complete the matrix by ranking each category on a scale of 0 to 5 based on the experience and perspective of each planning team member. A ranking of 0 indicated “no concern” while a ranking of 5 indicated “highest concern.” This matrix appears as Table 2. This matrix reflects the significance of the hazards relative to one another.

This matrix reflects that the Town of Perry is most vulnerable to winter storm, severe cold, and tornado. The vulnerability established here is a qualitative assumption based on the impacts, geographic extent, probability of future occurrence, and magnitude/severity. On the county level, these vulnerabilities were calculated with quantitative data as well.

Table 2 Vulnerability Assessment Matrix for the Town of Perry

Hazard	Hazard Attributes			Impact Attributes						Total
				Primary Impact (Short Term - Life and Property)			Secondary Impact (Long Term – Community Impacts)			
	Area of Impact	Past History, Probability of Future Occurrence	Short Term Time Factors	Impact on General Structures	Impact on Critical Facilities	Impact on At-Risk Populations	Social Impact	Economic Impact	Severity Of Other Associated Secondary Hazards	
	(1-5)	(1-5)	(1-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	
Dam Failure	0	0	0	0	0	0	0	0	0	0
Extreme Cold	4	4	4	2	2	2	0	0	0	18
Extreme Heat	1	1	1	1	1	1	1	1	1	9
Drought	1	1	1	0	0	0	0	0	0	3
Expansive soils	0	0	0	0	0	0	0	0	0	0
Flood	0	0	0	0	0	0	0	0	0	0
Fog	0	0	0	0	0	0	0	0	0	0
Hail Storm	0	0	0	0	0	0	0	0	0	0
Landslide	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0
Tornado	1	1	1	4	4	1	1	1	1	15
Wildfire	0	0	0	0	0	0	0	0	0	0
Windstorm	1	1	1	1	1	1	1	1	1	9
Winter Storm	4	4	4	2	2	2	0	0	0	18

Previous Hazard Events

Through the Data Collection Guide, the Town of Perry noted specific historic hazard events to include in the community profile. These events have been incorporated into the appropriate hazard chapters in the main mitigation plan. These events had a particular impact on the community beyond the impacts and events recorded in the Dane County Hazard Mitigation Plan. This is not a comprehensive summary of past incidents, as the hazard profiles collected in the main Mitigation Plan include other events that may have historically impacted the jurisdiction. The events noted include:

Winter Storm: 2011

During Winter, 2011, the Town of Perry was hit with a severe winter storm that affected the Town's roads. Snow removal was the main cost incurred, which was reimbursed by FEMA at an amount of \$6,745.96.

Asset Inventory

Assets include the people, property, and critical facilities within the Town of Perry that are exposed to hazards in general. Inventories of property, essential infrastructure, and natural, cultural or historic resources help provide a comprehensive picture of the community and provide a method of assessing exposure to hazards by establishing the improved and total values, capacities and populations for these assets. It also forms the basis for estimating potential losses, where possible.

Population

Table 3 Vulnerable Population Summary

Disability Status from the 2014 American Community Survey	Number	Percent of Group with Disability
Population Under 5 years old with a Disability	0	0%
Population 5-17 years old with a Disability	4	3.4
Population 18-64 with a Disability	29	6.3
Population Over 65 years old with a Disability	24	19.7
Total Population with Disability	57	8.0
Other Vulnerable Populations	Estimate	Percentage
Families Below Poverty Level	8	4
Individuals Below Poverty Level	35	4.9
Of those poverty: Individuals Under 18	7	5.5
Of those poverty: Individuals Over 65	6	4.9
Total Population Over 5 who Speak English less than "very well"	0	0
2014 ACS Total Population Estimate	715	100%

Data Source: 2014 American Community Survey

General Property

Table 4 Property Exposure Summary

Property Type	Total Parcel Count	Improved Parcel Count	Improved Values (\$)	Content (\$)	Total Value (\$)
Totals	961	322	51,392,900	25,696,450	77,089,350
Agriculture	560	191	29,268,000	14,634,000	43,902,000
Commercial	4	2	37,500	18,750	56,250
Utilities	3	0	0	0	0
Institutional/ Governmental	5	1	80,300	40,150	120,450
Other	220	5	274,500	137,250	411,750
Residential	169	123	21,732,600	10,866,300	32,598,900

Data Source: Dane County Land Information Office

Critical Facilities

The Town of Perry has identified the critical facilities important to protect from disaster impacts. These are collected in Table 5. Table 5 is based on the submission of critical facilities from the Town of Perry.

Table 5 Critical Facility Summary/Essential Infrastructure

Name of Asset	Type*	Replacement value	Occupancy/capacity	Hazard Specific issues
Town Hall	VF	100,000.00	150	Old structure
Town Garage	EI	250,000.00	20	Vehicle storage
Dump Truck/Snow plow	EI	150,000.00	1	Old vehicle
Dump Truck/Snow plow	EI	150,000.00	1	New vehicle
Dump Truck/Snow plow	EI	150,000.00	1	New vehicle
Tractor & loader & mower	EI	125,000.00	1	New equipment
Election equipment	EI	15,000.00	1	New equipment

Data Source: 2015 Town of Perry Data Collection Guide

*EI: Essential Infrastructure; VF: Vulnerable Facilities; HM: Hazardous Materials Facilities; NA: natural assets

Vulnerability to Specific Hazards

This section details vulnerability to specific hazards, where quantifiable, and where it differs from that of the overall County. The previous inventory tables quantify what is exposed to the various hazards within Town of Perry. Table 6 cross-references the hazards with the various tables where exposure or vulnerability specifics are found. The intent of Table 6 is to quantify, where possible, future impacts of each hazard on the jurisdiction. In many cases it is difficult to estimate potential losses, so the overall exposure of populations, structures, and critical facilities is referenced.

Table 6 Hazard Vulnerability Specifics

Hazard	Populations	Structures	Critical Facilities	Future Damage Potential
Dam Failure	None	None	None	Specifics unknown; See hazard profile in County Plan
Drought	Minimal	None	Minimal	Specifics unknown; See hazard profile in County Plan
Flooding	See section below	See section below	See section below	See section below
Fog	Minimal	None	None	Specifics unknown; See hazard profile in County Plan
Hailstorm	Minimal	See Property Exposure table 3	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Landslide/ Sinkholes/ Erosion	Minimal	Minimal	Minimal	Specifics unknown; See hazard profile in County Plan
Lightning	See Table 2 Population	See Table 3 Property Exposure	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Severe Cold	See Table 2 Population	See Table 3 Property Exposure	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Severe Heat	See Table 2 Population	None	Minimal	Specifics unknown; See hazard profile in County Plan
Severe Winter Storm	See Table 2 Population	See Table 3 Property Exposure	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Tornado	See Table 2 Population	See section below	See Critical Facility Inventory Table(s)	See section below
Wildfire	Minimal	Minimal	Minimal	Specifics unknown; See hazard profile in County Plan
Windstorm	See Table 2 Population	See Table 3 Property Exposure	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan

Flood

Structures and Properties in the Floodplain

Refer to the flood profile in the mitigation plan for a description of the methodology used to identify potentially flood-prone properties. Figure 1 shows mapped floodplains, future growth areas, and critical or vulnerable facilities. Tables 7 and 8 outline the primary structures and properties with primary structures on them within the Town of Perry. Potential number of individuals at risk figures are based on primary residential structures and the average household size within Dane County.

Table 7 Primary Structures in the Floodplain

Total Floodway Structures	Floodway Residential Structures	Total Structures in 100 year Floodplain	Residential Structures in 100 year Floodplain	Potential Number of Individuals at Risk in 100 year Flood	Total Structures in 500 year Floodplain	Residential Structures in 500 year Floodplain	Potential Number of Individuals at Risk in 500 year Flood
0	0	1	1	2.33	1	1	2.33

Source: Analysis based on Dane County Land Information Office Data

Table 8 Properties with Primary Structures in the Floodplain

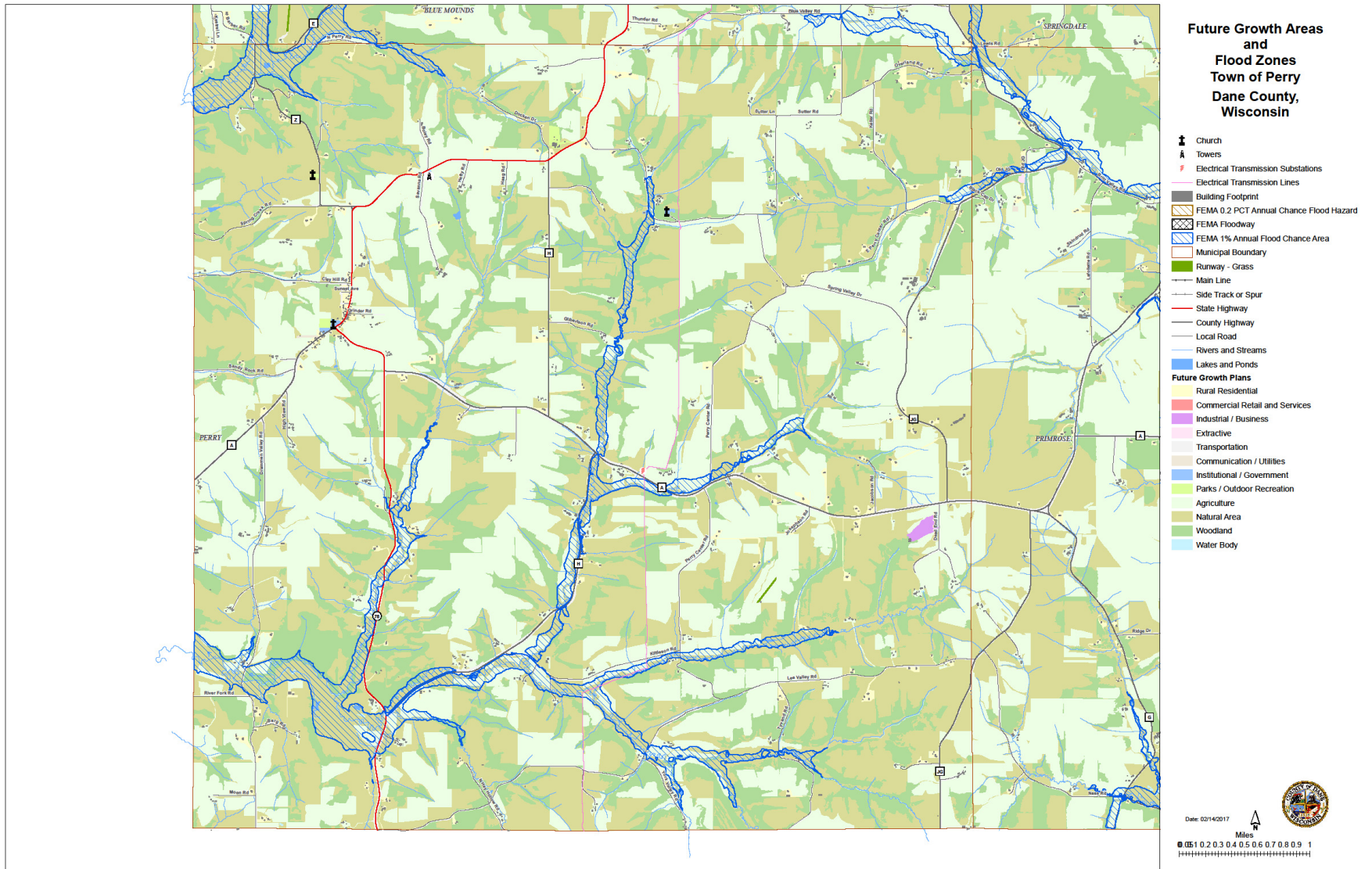
Total Floodway Properties	Floodway Improved Values	Floodway Residential Properties	Total Properties in 100 year Floodplain	Total Improved Value of Properties in 100 year Floodplain	Residential Properties in 100 year Floodplain	Total Properties in 500 year Floodplain	Total Improved Value of Properties in 500 year Floodplain	Residential Properties in 500 year Floodplain
0	\$0	0	1	\$151,900	1	1	\$151,900	1

Source: Analysis based on Dane County Land Information Office Data

Repetitive Loss Properties and Flood Insurance Policies

No repetitive losses have been reported. Flood insurance policies and loss statistics are included as part of the County plan.

Figure 1 Flood Hazards and Future Land Use Map



Tornado

While it is difficult to estimate specific losses to a tornado due to the random nature of the event, a methodology was developed that was applied to each jurisdiction during the 2017 update. The table below estimates the percent area of the jurisdiction that could be impacted based on the average sized tornado (F2) in Dane County. High value exposure is based on 100% loss, medium 50% loss, and low is 25% loss to the property potentially impacted. The loss ratio, which is the ratio of the damaged building value to total exposed building value, is a measure of the impact to the jurisdiction as a whole. Communities with loss ratios 10% or more may have difficulty recovering from a disaster. Refer to the tornado hazard profile in the main mitigation plan for more details on this methodology.

Table 9 Tornado Loss Estimate

% Area of Impact	Improved Parcel Count	Affected Structure Estimate	Total Exposed Value	Estimated Loss \$ - High Damage Range	Estimated Loss \$ - Moderate Damage Range	Estimated Loss \$ - Low Damage Range	Loss Ratio for Moderate Damage Range
2.34%	343	8	\$83,313,600	\$1,949,740	\$974,870.15	\$487,435.07	1.2%

Data Source: Analysis Based on Dane County Land Information Office's data

Growth and Development Trends

Planned land use is shown in Figure 1, in relation to the flood hazard. Table 10 illustrates how the Town of Perry has grown in terms of population and number of housing units between 2010 and 2014-15. Housing data is to 2014 due to data availability. Table 11, drawn from the Demographics Services Center at the Wisconsin Department of Administration, shows population projections through 2035.

Table 10 Town of Perry Change in Population and Housing Units, 2010-2014/15

2010 Population	2015 Population	Percent Change (%) 2010-2015	2010 # of Housing Units	2014 # of Housing Units	Percent Change (%) 2010-2014
729	738	1.23%	302	289	-4.3%

Source: Dane County and American Community Survey

Table 11 Town of Perry Population Projections, 2015-2035

Population Projection	2015	2020	2025	2030	2035
Increase by same percentage each year (.25%)	738	747	756	766	775

Data Source: Demographic Services Center, Wisconsin Department of Administration, 2004

Capability Assessment

Capabilities are the programs and policies currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. This capabilities assessment summarizes regulatory mitigation capabilities, administrative and technical mitigation capabilities, and fiscal mitigation capabilities for the Town of Perry.

Mitigation Capabilities Summary

Table 12 lists planning and land management tools typically used by local jurisdictions to implement hazard mitigation activities, or by themselves contribute to reducing hazard losses. The table also indicates which of these tools are currently utilized in the Town of Perry.

Table 12 Town of Perry Regulatory Mitigation Capabilities

Regulatory Tool (ordinances, codes, plans)	Yes/No	Comments
General or Comprehensive plan	Yes	
Zoning ordinance	No	Zoning through Dane Co.
Subdivision ordinance	No	
Growth management ordinance	Yes	Land Use Plan
Floodplain ordinance	No	
Other special purpose ordinance (stormwater, steep slope, wildfire)	Yes	Dark Sky Lighting
Building code	Yes	UDC inspector
Fire department ISO rating	?	Mt. Horeb, Blanchardville & New Glarus Fire Depts.
Erosion or sediment control program	No	Erosion control through Dane Co.
Storm water management program	No	
Site plan review requirements	Yes	Land Use Plan
Capital improvements plan	No	
Economic development plan	No	
Local emergency operations plan	No	
Flood insurance study or other engineering study for streams	Yes	Election Day emergency management
Elevation certificates (for floodplain development)	No	

Data Source: Town of Perry Data Collection Guide, 2009

Table 13 identifies the personnel responsible for mitigation and loss prevention activities as well as related data and systems in the Town of Perry.

Table 13 Responsible Personnel and Departments for the Town of Perry

Personnel Resources	Yes/No	Department/Position	Comments
Planner/engineer with knowledge of land development/land management practices	No		
Engineer/professional trained in construction practices related to buildings and/or infrastructure	No		
Planner/engineer/scientist with an understanding of natural hazards	No		
Personnel skilled in GIS	No		
Full-time Building Official	No		UDC inspector - contract
Floodplain Manager	No		
Emergency Manager	No		
Grant Writer	No		
GIS Data Resources – (land use, building footprints, etc.)	Yes	Town Board and Town Patrolman	
Warning systems/services (Reverse 9-11, cable override, outdoor warning signals)	No		

Data Source: Town of Perry Data Collection Guide, 2009

Table 14 identifies financial tools or resources that the Town of Perry could potentially use to help fund mitigation activities.

Table 14 Financial Resources for the Town of Perry

Financial Resources	Accessible/Eligible to Use (Yes/No)	Comments
Community Development Block Grants	Yes	With Dane Co. Bridge Aid - 2012 - \$87,746.76
Capital improvements project funding	No	
Authority to levy taxes for specific purposes	Yes	Per WI statutes
Fees for water, sewer, gas, or electric services	No	
Impact fees for new development	No	
Incur debt through general obligation bonds	Yes	
Incur debt through special tax bonds	No	
Incur debt through private activities	Yes	Fundraising to reduce Town debt

Financial Resources	Accessible/Eligible to Use (Yes/No)	Comments
Withhold Spending in hazard prone areas	Yes	

Additional Capabilities

The Town maintains its website and posts notices received from various sources.

National Flood Insurance Program Participation

The Town of Perry does not participate in the National Flood Insurance Program as a stand-alone entity, but is covered by the County's ordinance.

Public Involvement Activities

The Town of Perry community participated in the County public outreach process. This was a series of public workshops held around the County in which an overview of natural hazard mitigation was given and the County plan was discussed. Residents were then given the opportunity to give their input on mitigation actions that could be taken, and filled out informational surveys that assessed the level of risk the perceived within their own community. More information on these meetings can be found in the County base plan.

Mitigation Actions

Objective 1: Support Dane County efforts to mitigate natural hazards at the local level through continued collaboration with County projects in the Town of Perry area. The Town will continue to lower its vulnerability to natural hazards by distributing County hazard mitigation information and evaluating grant opportunities for potential use on hazard mitigation projects within the Town.

Steps:

- 1) Consider Dane County hazard mitigation information and its relevance to Town hazard mitigation efforts and resident safety.
- 2) Take necessary steps to apply for hazard mitigation grant money when available.

Lead Implementing Agency: Town of Sun Perry

Supporting Agencies: Dane County Emergency Management

Possible Funding and Technical Assistance:

Timeline: Continuous

Priority: Moderate