

2 PLANNING AREA PROFILE AND CAPABILITIES

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This chapter provides a general profile of Dallas County, followed by individual sections for each participating jurisdiction. The sections for each jurisdiction provide an overview profile as well as details on existing capabilities, plans, and programs that enhance their ability to implement mitigation strategies.

2.1 Dallas County Planning Area Profile

0 provides a map of the Dallas County planning area. The planning area boundaries include the unincorporated areas of Dallas County as well as the following incorporated cities:

- Dallas County
- City of Adel
- City of Bouton
- City of Dallas Center
- City of Dawson
- City of DeSoto
- City of Dexter
- City of Granger*
- City of Linden
- City of Minburn
- City of Perry
- City of Redfield
- City of Van Meter
- City of Waukee
- City of Woodward*

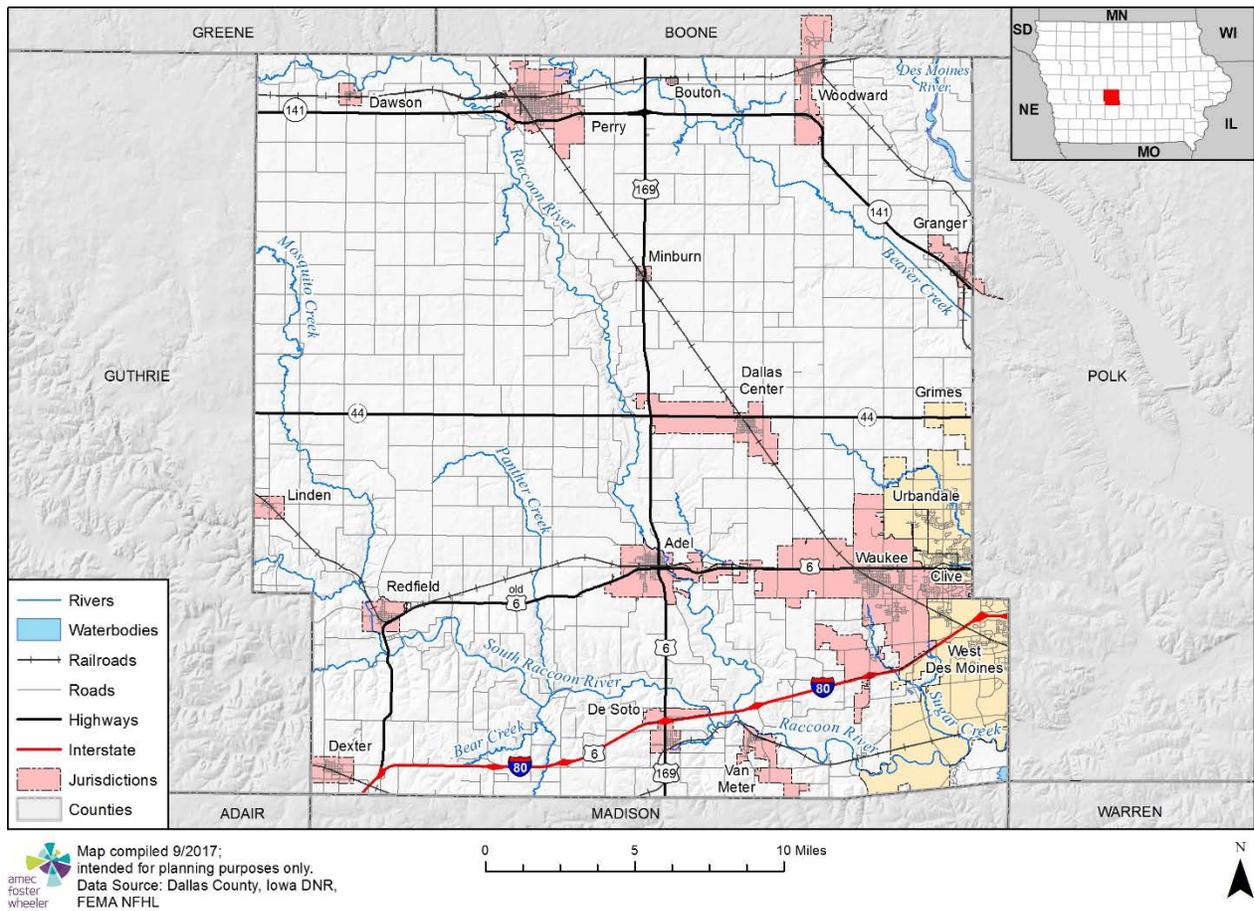
Note (*): The cities of Granger and Woodward have portions of their city limits that extend into adjacent counties. The full corporate limits of these cities will be included in the risk assessment update. Additionally, there are several cities that extend into Dallas County from Polk County. These cities are Clive, Grimes, Urbandale, and West Des Moines. Since these cities are official cities of Polk County and are included in the Polk County Hazard Mitigation Plan, their corporate limits will be included only up to the Dallas County Boundary and these cities will be considered “stakeholders” of the planning process.

The following school districts participated in development of this plan are also included in the planning area:

- Adel-DeSoto-Minburn Schools
- Dallas Center-Grimes Schools
- Perry Schools
- Van Meter Schools
- Waukee Schools
- West Central Valley Schools
- Woodward-Granger Schools

The school districts are discussed in additional detail in **Section 2.3**.

Figure 2.1. Dallas County Planning Area



2.1.1 Geography and Topography

Dallas County is located in southwestern Iowa. The principal city is the City of Perry and the City of Adel is the County seat. Dallas County comprises approximately 592 square miles (588 square miles of land and 3.3 square miles of water) and is served by U.S. Highway 6 and 169; Iowa Highways 44, 141, 144 and 210; and Interstate Highway 80. The Chicago Northwestern and Iowa Interstate Railroads operate lines in the County.

Adjacent counties:

- Boone County (north)
- Polk County (east)
- Madison County (south)
- Guthrie County (west)
- Greene County (northwest)

The general surface of Dallas County is undulating Iowa prairie. The majority of land is characterized as fairly level, with some rolling hills. Along the rivers and running streams, there are bluffs, especially in the southwest near the South Raccoon River. From the divide between the South Raccoon River and the North Raccoon River, the general surface gradually rises. With the exception of part of the southwest corner, the general surface of the County inclines from the northwest to the southeast and is crossed by numerous streams which are bordered by belts of timber.

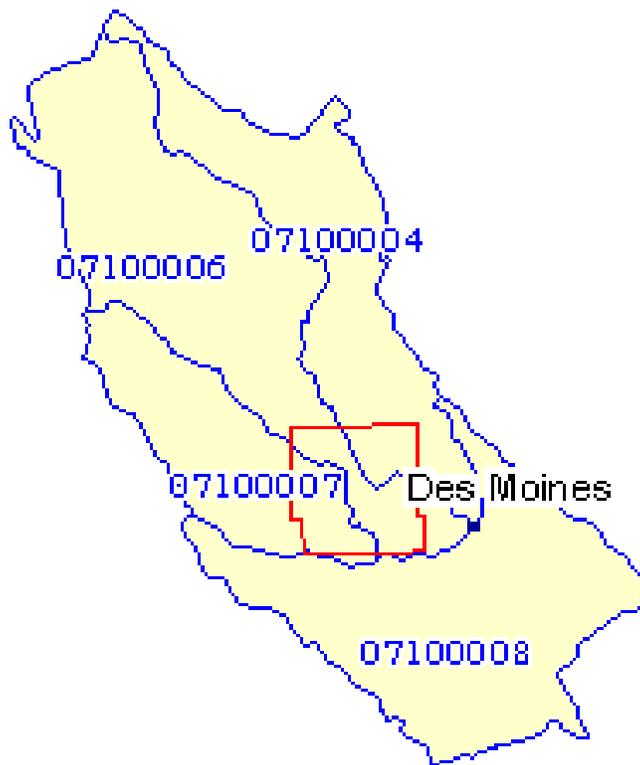
2.1.2 Major Rivers and Watersheds

The main flooding sources in Dallas County include Little Walnut Creek, North Raccoon River, Raccoon River, Raccoon River Mill Slough, Walnut Creek and their tributaries.

As depicted in **Figure 2.2** Dallas County crosses four watersheds as follows:

- Middle Des Moines Watershed (07100004)—this watershed crosses the northeast corner of Dallas County.
- North Raccoon Watershed (07100006)—this watershed crosses from the northwest to southeast.
- South Raccoon Watershed (07100007)—this watershed crosses over the western edge and southwestern corner.
- Lake Red Rock Watershed (07100008)—there is a very small portion of this watershed along the southern boundary of Dallas County.

Figure 2.2. Dallas County, Iowa Watersheds (Dallas County is red square)



Source: Environmental Protection Agency, http://cfpub.epa.gov/surf/county.cfm?fips_code=19049

2.1.3 History

The tract of land now known as Dallas County was included in the territory which the Sac and Fox Indians ceded to the United States Government in the treaty of October 11, 1842. Dallas County was named for Hon. George M. Dallas of Pennsylvania, then Vice President of the United States of America under James K. Polk. Dallas County is one of the five counties that make up the Des Moines-West Des Moines Metropolitan Statistical Area.

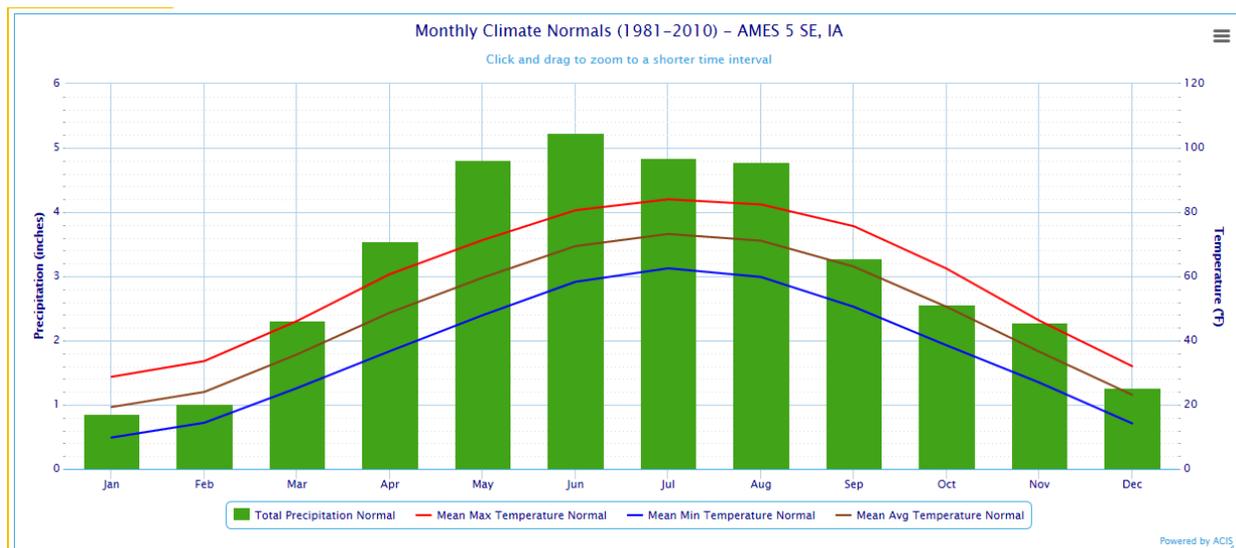
The first settlers arrived in Dallas County in 1845. During 1847 and 1848, there was an increase of settlers. At that time, Fort Des Moines was the nearest trading point where mail, water, clothing, groceries and the necessary supplies could be purchased. During the winter of 1847-1848, the first Dallas County school house was built. It was privately built by W.W. Miller at his own expense, but was free for all who desired to send their children (The History of Dallas County, Iowa, Des Moines Union Historical Company, 1879).

2.1.4 Climate

The climate of Dallas County is characterized by extreme temperatures and moderate precipitation. Dallas County, like the entire state of Iowa, is within the humid continental zone.

July is typically the hottest month with an average high temperature of 84 degrees Fahrenheit. The coldest winter month is January with an average low of 9.8 degrees Fahrenheit. Seasons fluctuate from being very wet to very dry, and temperatures can fluctuate greatly in spring and autumn months. Average annual precipitation is approximately 36.8 inches. **Figure 2.3** and **Table 2.1** provide monthly climate normals for Ames, Iowa from 1981 to 2010.

Figure 2.3. Monthly Climate Normals (1981-2010), Ames, IA



Source: High Plains Regional Climate Center, <http://www.hprcc.unl.edu/onlineataservices.php#data> (ACIS-CLIMOD)

Table 2.1. Monthly Climate Normals (1981-2010), Ames, IA

Month	Total Precipitation Normal (inches)	Mean Max Temperature Normal (°F)	Mean Min Temperature Normal (°F)	Mean Avg Temperature Normal (°F)
January	0.86	28.7	9.8	19.3
February	1.02	33.6	14.4	24.0
March	2.31	46.1	25.2	35.7
April	3.55	60.7	36.7	48.7
May	4.81	71.3	47.9	59.6
June	5.23	80.6	58.3	69.4
July	4.84	84.0	62.5	73.2
August	4.78	82.4	59.8	71.1
September	3.28	75.6	50.5	63.0
October	2.57	62.4	38.5	50.5
November	2.28	46.2	26.9	36.5
December	1.27	32.0	14.2	23.1

Source: High Plains Regional Climate Center, <http://www.hprcc.unl.edu/onlineataservices.php#data> (ACIS-CLIMOD)

2.1.5 Population/Demographics

According to the U.S. Census Bureau, Dallas County was the fifth-fastest-growing county in the nation in the latest 2016 annual population estimate report. From July 1, 2015 to July 1, 2016, Dallas County’s population grew by 4.6 percent. From the 2010 Census to the 2015 American Community Survey (ACS) 5-year Estimates, Dallas County grew 13%. When looking back to the 2000 Census, Dallas County has grown a whopping 84%.

Table 2.2 provides the populations for each city and the unincorporated county for 2000, 2010, and the 2016 Annual Populations Estimates with the number and percent change from 2010 to 2016. Please note: the following cities extend into adjacent counties. The population statistics include the entire corporate limits of these cities:

Table 2.2. Dallas County Population 2000-2015 by City

Jurisdiction	2000 Census Population	2010 Census Population	2015 ACS Population Estimate	2016 Annual Population Estimates	# Change 2010-2016	% Change 2010-2016
Dallas County, Iowa	40,750	66,135	74,892	84,516	18,381	27.8%
Adel city, Iowa	3,435	3,682	4,055	4,293	611	16.6%
Bouton city, Iowa	136	129	190	128	-1	-0.8%
Clive city, Iowa	12,855	15,447	16,634	17,546	2,099	13.6%
Dallas Center city, Iowa	1,595	1,623	1,734	1,746	123	7.6%
Dawson city, Iowa	155	131	197	132	1	0.8%
De Soto city, Iowa	1,009	1,050	1,159	1,041	-9	-0.9%
Dexter city, Iowa	689	611	911	600	-11	-1.8%
Granger city, Iowa	583	1,244	1,587	1,402	158	12.7%
Grimes city, Iowa	5,098	8,246	9,509	11,909	3,663	44.4%
Linden city, Iowa	226	199	186	207	8	4.0%
Minburn city, Iowa	391	365	330	367	2	0.5%
Perry city, Iowa	7,633	7,702	8,086	7,810	108	1.4%
Redfield city, Iowa	833	835	782	826	-9	-1.1%
Urbandale city, Iowa	29,072	39,463	42,099	43,018	3,555	9.0%
Van Meter city, Iowa	866	1,016	1,549	1,119	103	10.1%
Waukee city, Iowa	5,126	13,790	16,956	19,284	5,494	39.8%
West Des Moines city, Iowa	46,403	56,609	61,266	64,560	7,951	14.0%
Woodward city, Iowa	1,200	1,024	1,623	1,461	437	42.7%

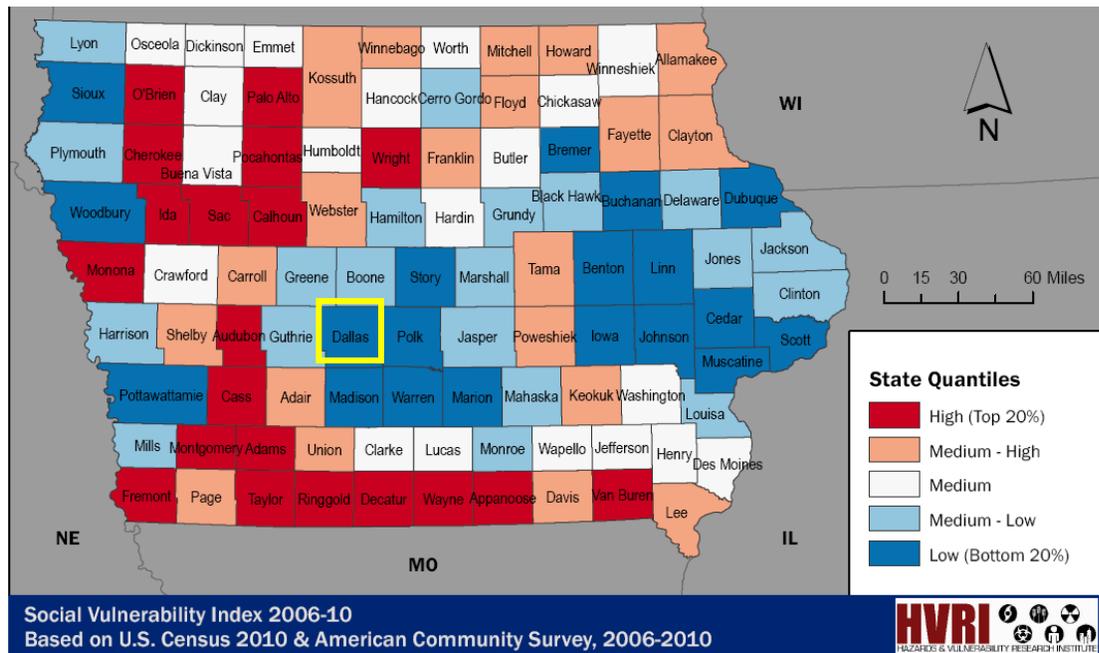
Source: U.S. Census Bureau: 2000 Decennial Census, 2010 Decennial Census, 2016 Population Estimates. *portions of these cities extend into adjacent counties – the population totals are for the entire corporate limits including portions in adjacent counties.

According to the 2015 ACS estimates, 8.3 percent of the population is under age 5 and 10.8 percent of the population is over age 65 in Dallas County. There were 27,593 households with an average household size of 2.7 people.

The Hazards and Vulnerability Research Institute at the University of South Carolina developed the Social Vulnerability Index (SoVI ®) to evaluate and rank the ability to respond to, cope with, recover from, and adapt to disasters. The index synthesizes 30 socioeconomic variables, which the research literature suggests contribute to reduction in a community’s ability to prepare for, respond to, and recover from hazards. SoVI ® data sources include primarily those from the United States Census Bureau.

Figure 2.4 shows that Dallas County has a low Social Vulnerability Index. The low index indicates that Dallas County is generally able to cope and recover from disasters.

Figure 2.4. County Comparison Within the State for Social Vulnerability Index, 2006-2010



Source: Hazards and Vulnerability Research Institute, http://webra.cas.sc.edu/hvri/products/sovi2010_img/PDF/Iowa_0610.pdf
http://webra.cas.sc.edu/hvri/products/sovi2010_data.aspx;

Table 2.3 and Table 2.4 provide additional demographic and economic indicators for Dallas County. The Dallas County values are for all of Dallas County, including the incorporated cities.

Table 2.3. Unemployment, Income, and Poverty Demographics, Dallas County, Iowa

Jurisdiction	Civilian Labor Force 16 Years and Over	Unemployment Rate (%)	Median Household Income	Percent Below Poverty Level (%)
Dallas County	41,476	2.6	\$76,320	6.5
Adel	2,135	4.2	\$56,319	8.9
Bouton	89	24.7	\$40,625	15.8
Clive*	9,269	2.9	\$93,160	2.6
Dallas Center	929	3.8	\$69,265	1.9
Dawson	92	0	\$35,938	34
De Soto	659	5	\$56,250	6.1
Dexter	491	7.9	\$54,688	11.3
Granger*	848	2.1	\$71,250	7
Grimes*	5,730	3.7	\$77,652	3.1
Linden	115	9.6	\$35,000	11.5
Minburn	172	7	\$44,318	5.5
Perry	4,001	2.5	\$42,225	13.8
Redfield	490	5.7	\$47,171	12.3
Urbandale*	24,119	3.9	\$78,059	5.9
Van Meter	878	3	\$83,889	2.8
Waukee	9,393	0.8	\$77,200	5.2
West Des Moines*	36,941	4	\$71,200	8
Woodward*	693	3.3	\$58,125	19.2

Source: U.S. Census, 2015 American Community Survey, 5-year Estimates, *portions of these cities extend into adjacent counties – the census data is for the entire corporate limits including portions in adjacent counties.

Table 2.4. Educational Attainment, Dallas County, Iowa

Geography	Population 25 Years and Over	Less Than High School Graduate	High School Graduate (Includes Equivalency)	Some College, Associate's Degree	Bachelor's Degree or Higher
Dallas County	48,420	2,411	10,079	14,377	21,553
Adel	2,733	216	880	852	785
Bouton	115	9	56	40	10
Clive*	11,106	672	1,527	2,620	6,287
Dallas Center	1,093	42	327	333	391
Dawson	117	24	30	53	10
De Soto	738	47	255	285	151
Dexter	583	28	210	203	142
Granger*	965	53	207	321	384
Grimes*	6,031	238	1,197	1,625	2,971
Linden	146	30	50	55	11
Minburn	226	13	107	72	34
Perry	4,895	1,099	1,664	1,353	779
Redfield	597	54	296	199	48
Urbandale*	28,614	837	5,511	8,321	13,945
Van Meter	934	11	269	358	296
Waukee	10,558	211	1,839	3,380	5,128
West Des Moines*	41,458	1,615	6,053	11,608	22,182
Woodward*	923	213	301	310	99

Source: U.S. Census, 2015 American Community Survey, 5-year Estimates, *portions of these cities extend into adjacent counties – the census data is for the entire corporate limits including portions in adjacent counties.

2.1.6 Occupations/Employers

Table 2.5 provides occupation statistics for the incorporated cities and the county as a whole for the civilian employed population 16 years and over.

Table 2.5. Occupation Statistics, Dallas County, Iowa

Jurisdiction	Civilian Employed Population 16 Years and Over	Management, Business, Science, and Arts Occupations	Service Occupations	Sales and Office Occupations	Natural Resources, Construction, and Maintenance Occupations	Production, Transportation, and Material Moving Occupations
Dallas County	40,388	19,182	4,718	10,423	2,345	381
Adel	2,046	715	411	550	80	91
Bouton	67	12	17	4	21	11
Clive*	8,996	4,663	1,242	2,201	338	201
Dallas Center	894	355	111	250	91	34
Dawson	92	29	15	13	6	17
De Soto	626	195	106	192	58	28
Dexter	452	143	53	131	61	30

Jurisdiction	Civilian Employed Population 16 Years and Over	Management, Business, Science, and Arts Occupations	Service Occupations	Sales and Office Occupations	Natural Resources, Construction, and Maintenance Occupations	Production, Transportation, and Material Moving Occupations
Granger*	830	348	106	220	57	68
Grimes*	5,519	2,858	614	1,547	322	109
Linden	104	30	2	11	13	32
Minburn	160	54	21	32	31	10
Perry	3,899	721	721	904	475	222
Redfield	462	92	94	101	51	52
Urbandale*	23,170	11,566	2,416	6,293	1,158	327
Van Meter	852	280	136	302	48	32
Waukee	9,319	4,565	926	2,702	479	174
West Des Moines*	35,472	18,314	4,567	8,908	1,466	364
Woodward*	670	309	105	96	37	62

Source: U.S. Census, 2015 American Community Survey, 5-year Estimates, *portions of these cities extend into adjacent counties – the census data is for the entire corporate limits including portions in adjacent counties.

Table 2.6. Leading Dallas County Employers

Company	Product/Service	Community	Employees
Wells Fargo Home Mortgage	Mortgage Services	West Des Moines	3,177
Wells Fargo Card Services	Financial Services	West Des Moines	1,278
Farm Bureau Insurance	Insurance/Financial Services	West Des Moines	1,160
Hy-Vee	Full Service Grocer	West Des Moines	759
Iowa Foundation for Medical Care	Health Care Improvement	West Des Moines	779
GuideOne Insurance	Insurance Services	West Des Moines	523
ITA Group	Performance Improvement	West Des Moines	450
ADP	Data Processing	West Des Moines	520
Iowa Student Loan	Student Loan Provider	West Des Moines	400
Aviva USA	Insurance Services	West Des Moines	
Wells Fargo Financial	Financial Services	Urbandale	530
Citi Card Services	Financial Services	Urbandale	
Allied Insurance	Insurance Services	Urbandale	300
Compressor Controls	Turbomachinery	Urbandale	300
Rain and Hail Insurance	Insurance Services	Urbandale	300
Quebecor World	Book Binding	Waukee	150
Gilcrest Jewett	Lumber & Building Material	Waukee	145
Briggs Medical Services	Healthcare Products		
Tyson Fresh Foods, Inc.	Pork Processing	Perry	1,200
Percival Scientific	Environmental Chambers	Perry	80
Osmundson Manufacturing	Farm Tillage Equipment	Perry	75
United Brick & Tile Company	Clay Brick Production	Adel	170
Stine Seed Company	Seed	Adel	225
Evo Medical Solutions	Neutralizers, Therapy Devices	Adel	82
Iowa Spring	Coil and Spring Manufacturing	Adel	90

Company	Product/Service	Community	Employees
Monarch Manufacturing	Egress Window Systems	Waukee	95
Barr Nunn	Trucking Services	Granger	77
Hy-Line International	Research	Dallas Center	147
Pioneer Hi-Bred International	Bio-Science/Research	Dallas Center	40
National Investors	Investment	Redfield	15
First State Bank	Bank	Redfield	7
Harvey's Diner	Restaurant	Redfield	10
Dairy Shoppe	Restaurant	Redfield	6
Redfield Feed	Feed Store	Redfield	6
Casey's General Store	Convenience Store	Redfield	8

Source: Dallas County Economic Development Alliance, <http://www.dallascounty-ia.org/lead-employers.cfm> accessed 6/1/2017 and Data Collection Guides completed by jurisdictions

2.1.7 Agriculture

Because of the fertility of the soils in Dallas County and the climate conditions, agricultural crops and livestock are important contributors to the economy of Dallas County.

According to the 2012 Census of Agriculture there were 1,001 farms in the County covering 306,423 acres of land (81.4 percent of the 588 sq. miles of land area (376,320 acres) in the County). Crop and livestock production are visible parts of the agricultural economy, but many related businesses contribute by producing, processing, and marketing farm and food products. These businesses generate income, employment and economic activity throughout the region. Farms on average were 306 acres. Dallas County agriculture and agriculture-related industries provide 3,895 jobs, representing 8.6 percent of the County's workforce. Dallas County agriculture and economy contributions are summarized in additional detail in Section 3.2.2 of Chapter 3.

2.1.8 FEMA Hazard Mitigation Assistance Grants in Planning Area

According to the Iowa Homeland Security and Emergency Management Department, Dallas County received \$11,472 for acquisition of floodprone property. This grant was closed in April of 2003.

2.1.9 Iowa Watershed Approach – Flood Resilience Program

The North Raccoon River Watershed that encompass part of Dallas County is included in the Flood Resilience Program under the Iowa Watershed Approach (IWA).

In January 2016, the U.S. Department of Housing and Urban Development (HUD) announced an award of nearly \$97 Million to the state of Iowa for its proposal titled, *The Iowa Watershed Approach for Urban and Rural Resilience*. The award was made under HUD's National Disaster Resilience Competition designed to fund cutting-edge projects that address unmet needs from past disasters while addressing the vulnerabilities that could put Americans in harm's way during future disasters.

The Iowa Watershed Approach (IWA) represents a program through which Iowans are working together to address factors that contribute to floods. This approach is consistent with other statewide programs in Iowa to reduce flooding and improve water quality, such as the Iowa Flood Mitigation Program and the Iowa Nutrient Reduction Strategy.

Nine distinct watersheds representing different Iowa landforms will serve as project sites for the IWA. Each will form a Watershed Management Authority, develop a hydrologic assessment and watershed plan, and implement projects in the upper watershed to reduce the magnitude of downstream flooding and to improve water quality during and after flood events. Flood resilience programs will be implemented in each watershed to help increase community resilience to future floods. The nine project watersheds are:

- Upper Iowa River Watershed
- Upper Wapsipinicon River Watershed
- Bee Branch Creek (Dubuque) Watershed
- Middle Cedar River Watershed
- Clear Creek Watershed
- English River Watershed
- North Raccoon River Watershed—includes a portion of Dallas County
- East Nishnabotna River Watershed
- West Nishnabotna River Watershed

The IWA will accomplish six specific goals in each watershed: 1) reduce flood risk; 2) improve water quality; 3) increase flood resilience; 4) engage stakeholders through collaboration and outreach/education; 5) improve quality of life and health, especially for susceptible populations; and 6) develop a program that is scalable and replicable throughout the Midwest and the United States.

Through the IWA Flood Resilience Program, a Flood Resilience Action Plan will be created for each watershed about how to prepare, mitigate, respond, and recover from flood events. This will help communities qualify for disaster mitigation funding during the 5-year project as well as recurring planning efforts required by the federal government.

No one organization in Iowa has the capacity to implement the entire IWA program. Thus, IWA's success is dependent on the collaboration of many partners who helped to conceptualize the program and the many more who will help to develop and implement its many components. Funded partners and their roles or expertise include:

- Iowa Economic Development Authority: Direct recipient of the HUD grant funds and overall program administration
- Homeland Security and Emergency Management: Aid in outreach and education activities for public resilience programs and development of planning documents and technical assistance
- City of Dubuque: Implementation of watershed projects and Healthy Homes program in the Bee Branch

- University of Iowa: Program lead for watershed projects implementation and monitoring (water quantity and quality), resilience programming, and assessment
- Iowa State University: IWA outreach programming and monitoring of watershed projects success (soil erosion and transportation)
- University of Northern Iowa: IWA outreach programming
- Iowa Department of Natural Resources: Direct resource to watersheds for formation of watershed management authorities and capacity building
- Iowa Department of Agriculture and Land Stewardship: Direct resource to watersheds for assistance with implementing watershed projects.
- Cities of Coralville and Storm Lake: Implementation of built projects in their cities
- Benton, Buena Vista, Fremont, Iowa, Johnson, Mills, Winneshiek, and Howard Counties: Fiscal agents for the work in their respective watersheds.

North Raccoon River Watershed

The North Raccoon River in Central Iowa is a tributary of the Des Moines River, flowing mainly through the Des Moines Lobe landform, which retains imprints of glacial occupation, such as abundant moraines and shallow wetland basins. Flat land and poor surface drainage dominate this “prairie pothole” landscape. The North Raccoon River Watershed (NRRW) is heavily tiled; approximately 85% of the land is in row crop production with a corn-soybean rotation. The NRRW landscape is considered the most important and threatened waterfowl habitat in North America, supporting more than 300 migratory bird species.

The North Raccoon River Watershed Project includes activities in the upper watershed to reduce flooding and improve water quality. In addition to watershed activities that will take place in the NRRW, the city of Storm Lake, in Buena Vista County is also receiving funds to help make the community more flood resilient. Projects in Storm Lake will include upgrades to the wastewater treatment plant, reconstruction of streets with pervious pavement, and the construction of wetlands.

In 2013, the Iowa Nutrient Reduction Strategy named the NRRW a priority watershed. Many organizations are currently active in the watershed and existing projects will complement the activities of the Iowa Watershed Approach.

Grant Award: \$3,776,575

Storm Lake Infrastructure: \$6,474,750

Lead County: Buena Vista

2.2 City/County Capabilities

Unincorporated Dallas County is governed by a 3-member Board of Supervisors. Each incorporated city is governed by a five-member Mayor/City Council. Dallas County has an active Emergency Management Commission that coordinates emergency management capabilities in the County. Dallas County participates in the Emergency Notification System (CCENS), part of the Alert Iowa system contracted with WENS Inspiron. All jurisdictions within the County have the ability to utilize this service. **Table 2.7, Table 2.8, and Table 2.9** that follow provide additional capability information for the unincorporated county and incorporated cities.

Table 2.7. Mitigation Capabilities (County through Granger

	Dallas County	Adel	Bouton	Dallas Center	Dawson	DeSoto	Dexter	Granger
Planning Capabilities								
Comprehensive Plan	Yes	Yes	No	Yes	No	Yes-2009	Yes-2002-2022	Yes, 2-13-13, Res. 2013-4
Builder's Plan	No	Yes	No	No	No	Yes-site plans/ordinances	No	In Process
Capital Improvement Plan	Yes-6-29-04	Yes	No	In Process	No	Yes-in progress to be completed in 2018	No	In Process
Local Emergency Operations Plan	No	Yes	No	Yes	No	No	Yes	Yes
County Emergency Operations Plan	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Local Recovery Plan	N/A	No	No	Yes	No	No	No	In Process
County Recovery Plan	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City Mitigation Plan	N/A	In Process	In Process	In Process	In Process	In Process	In Process	Yes, 2-13-13, Res. 2013-6
County Mitigation Plan	Yes-4/12/2013 / Update in Process	In Process	In Process	In Process	In Process	In Process	In Process	Yes, 2-13-13, Res. 2013-6
Debris Management Plan	No	No	No	No	No	Yes	No	No

	Dallas County	Adel	Bouton	Dallas Center	Dawson	DeSoto	Dexter	Granger
Economic Development Plan	Yes	Yes 2011	No	No	No	Yes	In-process	In Process
Transportation Plan	ESF-15	Yes 2009 in comp plan	No	No	No	No	No	No
Land-use Plan	Yes	Yes 2009 in comp plan	No	No	No	Yes-zoning map	No	In Process
Flood Mitigation Assistance (FMA) Plan	No	No	No	No	No	No	No	No
Watershed Plan	County part of numerous watershed districts. Plans under development.	No	No	Yes	No	Yes-2011	Yes	Yes
Firewise or other fire mitigation plan	No	No	No	Yes	No	No	No	No
Critical Facilities Plan (Mitigation/Response/Recovery)	No	Yes 2012 city EOP	Not Reported	No	No	No	Yes-for retirement apts.	No
Policies/Ordinances								
Zoning Ordinance	Yes	Yes	No, Iowa Code	Yes	Yes	Yes	Yes	Yes-Chapter 165, 166, & 167
Building Code	Yes	Yes 2006 IIC	No, Iowa Code	2012	No	Yes	Yes	Yes-2012 Chapter 155
Floodplain Ordinance	Yes	Yes	No	Yes	Yes	Yes-2009 Chapter 160	No	Yes-Chapter 160
Subdivision Ordinance	Yes	Yes	No	No	No	Yes-2009 Chapter 170	Yes	Yes-Chapter 170
Tree Trimming Ordinance	No	Yes	Yes, City Code of Ordinances	No	Yes	Yes-2009 Chapter 151	Yes-151.03	Yes-Chapter 151
Nuisance Ordinance	Yes	Yes	Yes, City Code of Ordinances	Yes	Yes	Yes-2009 Chapters 50-57	Yes	Yes-Chapters 50, 51, 55, & 56
Storm Water Ordinance	No	Yes	Yes, City Code of Ordinances	Yes	No	No	Yes	Yes-Chapter 97

	Dallas County	Adel	Bouton	Dallas Center	Dawson	DeSoto	Dexter	Granger
Drainage Ordinance	No	No	No	No	No	No	Yes	Yes-Chapter 97
Site Plan Review Requirements	No	Yes	Yes, Council	Yes	No	Yes-2009 Chapter 156	Yes-Section 4 of Article 25	Yes-Chapter 158
Historic Preservation Ordinance	Commission	Yes	No	No	No	No	No	N/A
Landscape Ordinance	No	Yes	Yes, City Ordinances	No	No	Yes-2009	&Yes-Article 20	Yes-Chapters 151 & 152
Iowa Wetlands and Riparian Areas Conservation Plan	Yes-County Conservation	No	No	No	No	No	No	Unknown
Programs								
Zoning/Land Use Restrictions	Yes	Yes	No, Iowa Code	Yes	Yes	Yes	Yes	See above
Codes Building Site/Design	Yes	Yes	No	Yes	No	Yes	Yes	See above
Hazard Awareness Program	No	No	No	Yes	No	No	No	Yes-IAMU Hazard Comm. For utilities
National Flood Insurance Program	Yes	Yes	No	Yes	Yes	Yes	No	Yes, Case # 08-07-0907P
NFIP Community Rating System (CRS) Participating Community	No	N/A	No	Unknown	No	No	No	No
National Weather Service (NWS) Storm Ready	No	No	No	Yes	No	No	No	No
Firewise Community Certification	No	N/A	Yes	No	No	No	No	No
Building Code Effectiveness Grading (BCEGs)	No	No	No	No	No	No	No	No
ISO Fire Rating	Not Reported	Rating 7	Not Reported	5/9 split rating	Rating 8	Rating 7	City-7, Rural-9	3-Entire District

	Dallas County	Adel	Bouton	Dallas Center	Dawson	DeSoto	Dexter	Granger
Economic Development Program	Yes-Greater Dallas Co. Development Alliance	Yes	No	No	No	Yes	No	Yes-local committee and Dallas Co.
Land Use Program	Yes	Yes	No	No	No	Yes	No	Not Reported
Public Education/Awareness	No	No	No	No	No	No	No	Yes-Fire Safety
Property Acquisition	No	No	No	No	No	No	No	No
Planning/Zoning Boards	Yes	Yes	Yes, City Council	Yes	No	Yes	Yes	Yes
Stream Maintenance Program	No	No	No	No	No	No	No	Yes
Tree Trimming Program	No	Yes	Yes	No	No	No-handled by private utility (Mid-American Energy)	No	Yes-Ordinance 151
Engineering Studies for Streams (Local/County/Regional)	No	No	Yes, County	No	No	No	No	Yes-Oxley Creek by Veenstra & Kimm
Mutual Aid Agreements	Yes- Haz-Mat	No	Yes	Yes	Yes	Yes-Van Meter & Adel	Yes	Yes
Studies/Reports/Maps								
Hazard Analysis/Risk Assessment (City)	No	Yes	No	No	Yes	Yes	In Process	Yes-- Resolution 2013-4
Hazard Analysis/Risk Assessment (County)	Yes	N/A		Unknown	N/A	N/A	N/A	Yes-- Resolution 2013-4
Evacuation Route Map	No	Yes	No	No	No	No	No	Unknown
Flood Insurance Maps	Not Reported	Not Reported	Not Reported	Not Reported	Yes	Yes	Yes	Yes
FEMA Flood Insurance Study (Detailed)	Not Reported	Not Reported	Not Reported	Not Reported	Yes	Yes	Yes	Yes
Critical Facilities Inventory	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update

	Dallas County	Adel	Bouton	Dallas Center	Dawson	DeSoto	Dexter	Granger
Vulnerable Population Inventory	No	Yes	No	No	No	No	No	No
Land Use Map	No	Yes	No	No	No	Yes	No	Yes
Staff/Department								
Building Code Official	Yes	Yes	No	Yes	No	Yes-through City of Adel	Yes	Yes
Building Inspector	Yes	Yes	No	Yes	Yes-through Perry, IA	Yes-through City of Adel	Yes	Yes-contracted
Mapping Specialist (GIS)	Yes	Yes	No	No	Yes-Through Jefferson, IA	No	No	Yes-contracted
Engineer	Yes	Yes	Bolton Yes	Contracted	Yes-through Dallas Co.	Contracted	Yes-contracted	Yes-contracted
Development Planner	No	No	Bolton Yes	No	No	No	Yes-contracted	Yes-contracted
Public Works Official	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Emergency Management Coordinator	Yes	Yes	No	No	No	No	No	Yes
NFIP Floodplain Administrator	Yes	No	No	No	Yes	Yes	No	Yes
Bomb and/or Arson Squad	No	No	No	No	No	No	No	N/A
Emergency Response Team	No	Yes	Yes	No	No	Yes	Yes-Vol. Fire Dept.	Yes-Fire & EMS volunteers
Hazardous Materials Expert	No	No	No	No	No	Yes	No	Yes-Des Moines Haz-Mat
Local Emergency Planning Committee	No	No	No	No	No	Yes-part of LEPC	No	Yes-City Council
County Emergency Management Commission	Yes	No	Yes	Yes	Yes	Yes	Yes-Dallas County	No
Sanitation Department	Yes	Yes	No	No	Yes-contracted	Contracted	Yes-contracted	Yes-contracted
Transportation Department	Yes	No	No	No	No	No	No	Yes-IDOT

	Dallas County	Adel	Bouton	Dallas Center	Dawson	DeSoto	Dexter	Granger
Economic Development Department	Yes-Greater Dallas Co. Development Alliance	Yes	No	No	No	No	No	Yes-Committee
Housing Department	No	No	No	No	No	No	No	N/A
Planning Consultant	Des Moines Area Metropolitan Planning Organization, or Contracted	Yes-Region XII Council of Governments or Contracted	Contracted	Contracted	Contracted	Contracted	Contracted	Contracted
Regional Planning Agencies	Des Moines Area Metropolitan Planning Organization	Yes-Region XII Council of Governments	Not Reported	Not Reported	No	No	No	Not Reported
Historic Preservation	Yes-County Commission	Yes	No	No	No	No	Yes-Museum Board	N/A
Non-Governmental Organizations (NGOs)								
American Red Cross	No	No	No	No	No	No	No	No
Salvation Army	No	No	No	No	No	No	No	No
Veterans Groups	Yes-County Veterans Affairs Office	Yes, American Legion	Yes	Yes	No	No	American Legion	Yes-American Legion
Local Environmental Organization	No	No	No	No	No	No	No	No
Homeowner Associations	N/A	Yes	No	No	No	No	No	Yes-Ironwood Estates
Neighborhood Associations	N/A	No	No	No	No	No	No	No
Chamber of Commerce	N/A	Yes	No	No	No	No	No	No
Community Organizations (Lions, Kiwanis, etc.)	N/A	Yes	No	Yes, Rotary	No	No	Lion's Club	No

	Dallas County	Adel	Bouton	Dallas Center	Dawson	DeSoto	Dexter	Granger
Local Funding Availability								
Ability to apply for Community Development Block Grants	Yes	Yes	Yes	Yes	No	Yes	No	Yes
Ability to fund projects through Capital Improvements funding	Yes	Yes	No	Yes	No	Yes	Yes	Yes
Authority to levy taxes for a specific purpose	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fees for water, sewer, gas, or electric services	N/A	Yes	No	Yes	Yes	Yes-water, sewer, waste	Yes	Yes
Impact fees for new development	N/A	Yes	No	?	No	Yes	No	Yes
Ability to incur debt through general obligation bonds	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ability to incur debt through special tax bonds	Yes	Yes	Yes	?	Yes	No	Yes	Yes
Ability to incur debt through private activities	N/A	Yes	Yes	?	Yes	Yes	No	No
Ability to withhold spending in hazard prone areas	Unknown	No	Yes	?	No	No	No	Unknown

Table 2.8. Mitigation Capabilities (Linden through Woodward)

	Linden	Minburn 2017	Perry 2017	Redfield 2017	Van Meter 2017	Waukee 2017	Woodward 2017
Planning Capabilities							
Comprehensive Plan	No	2011/2015	Yes-2016	Yes-2000	Yes-June 2011	Yes-2008	Yes-1998
Builder's Plan	No	No	No	No	No	Not Reported	Yes-2-13-2017
Capital Improvement Plan	No	In Process	No	No	No	Yes-2017	Yes
Local Emergency Operations Plan	No	No	Yes	In Process	In Process	Yes-2014	Yes-2013
County Emergency Operations Plan	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Local Recovery Plan	No	No	No	No	No	No	Yes
County Recovery Plan	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City Mitigation Plan	In Process	In Process	In Process	In Process	In Process	In Process	In Process
County Mitigation Plan	In Process	In Process	In Process	In Process	In Process	In Process	In Process
Debris Management Plan	No	No	No	No	No	Yes-2016	Yes
Economic Development Plan	No	No	Yes	Yes, TIF	N/A	Yes-2016	Yes-2015
Transportation Plan	No	No	Yes	No	No	Yes-2004	No
Land-use Plan	No	No	Yes	No	No	Yes-2008	Yes-1-11-2010
Flood Mitigation Assistance (FMA) Plan	No	No	No	No	Yes-June 2003, Amended June 2009	No	No
Watershed Plan	No	No	No	No	Yes-June 2011	Yes-2016	Yes
Firewise or other fire mitigation plan	No	No	No	No	No	No	No
Critical Facilities Plan (Mitigation/Response/Recovery)	No	No	Yes-2012	No	No	Yes-2012	No
Policies/Ordinance							
Zoning Ordinance	Yes	No	Yes	Yes	Yes	Yes-2016 (updated)	Yes

	Linden	Minburn 2017	Perry 2017	Redfield 2017	Van Meter 2017	Waukee 2017	Woodward 2017
Building Code	Yes	No	Yes-1994	Yes-Dallas County	Yes-2015	Yes-2015 IBC	Yes-2015 International Code
Floodplain Ordinance	No-No Special Flood Hazard Area	N/A	Yes-2001	Yes-2016	Yes-2007	Yes-2007	No-No Special Flood Hazard Area
Subdivision Ordinance	No	Yes	Yes	Yes	Yes	Yes-Part of Zoning 2015	Yes-5-11-2000
Tree Trimming Ordinance	No-private utility does this	Yes	Yes	Yes	Yes	Yes	Yes-City Code of Ordinances
Nuisance Ordinance	Yes	Yes	Yes	Yes	Yes	Yes-Part of Zoning 2015	Yes-City Code of Ordinances
Storm Water Ordinance	Yes	No	Yes	Yes	No	Yes-Part of Subdivision Ordinance	Yes-City Code of Ordinances
Drainage Ordinance	Yes	No	Yes-Suburban Development Standards	Yes	No	Yes-Part of Subdivision Ordinance	Yes-City Code of Ordinances
Site Plan Review Requirements	No	?	Yes	No	Yes	Yes	Yes-Planning & Zoning Administrator
Historic Preservation Ordinance	No	No	Yes	No	No	Yes	No
Landscape Ordinance	No	No	No	No	Yes	Yes	Yes-2015 International Code
Iowa Wetlands and Riparian Areas Conservation Plan	No	No	No	No	No	No	No
Program							
Zoning/Land Use Restrictions	Yes	There are some in code	Yes	Yes	Yes	Yes	Yes
Codes Building Site/Design	Yes	No	Yes	No	Yes	Yes	Yes
Hazard Awareness Program	No	No	No	No	Yes	No	Yes
National Flood Insurance Program	No-No Special Flood Hazard Area	N/A	Yes	No	Yes	Yes	No-No Special Flood Hazard Area

	Linden	Minburn 2017	Perry 2017	Redfield 2017	Van Meter 2017	Waukee 2017	Woodward 2017
NFIP Community Rating System (CRS) Participating Community	No	N/A	No	No	Unknown	Yes	No
National Weather Service (NWS) Storm Ready	No	No	No	No	No	No	No
Firewise Community Certification	No	No	No	No	No	No	Yes
Building Code Effectiveness Grading (BCEGs)	No	No	No	No	No	Yes	Yes
ISO Fire Rating	No	Not Reported	Not Reported	Rating 7	5 & 5X	2/2Y	4
Economic Development Program	No	No	Yes	No	No	Yes	Yes
Land Use Program	No	No	N/A	No	Yes-zoning	Yes	Yes
Public Education/Awareness	No	No	No	No	No	Yes	Yes
Property Acquisition	No	No	No	No	No	Yes	Yes
Planning/Zoning Boards	No	No	Yes	Yes	Yes	Yes	Yes
Stream Maintenance Program	No	No	No	No	Yes	Yes	N/A
Tree Trimming Program	No	No	Yes	No	Yes-as needed	No	Yes
Engineering Studies for Streams (Local/County/Regional)	No	No	Yes	No	Unknown	Yes	N/A
Mutual Aid Agreements	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Studies/Reports/Maps							
Hazard Analysis/Risk Assessment (City)	Yes	Yes	Yes	No	No	Yes	Yes
Hazard Analysis/Risk Assessment (County)	N/A	Not Reported	Yes	Yes	N/A	N/A	N/A
Evacuation Route Map	No	No	No	No	No	No	Yes

	Linden	Minburn 2017	Perry 2017	Redfield 2017	Van Meter 2017	Waukee 2017	Woodward 2017
Flood Insurance Maps	Yes-2007, No Special Flood Hazard Area	Not Reported	Yes-2007	Not Reported	Yes-2007	Yes-2007	Yes-2007, No Special Flood Hazard Area
FEMA Flood Insurance Study (Detailed)	Yes-2007, No Special Flood Hazard Area	Not Reported	Yes-2007	Not Reported	Yes-2007	Yes-2007	Yes-2007, No Special Flood Hazard Area
Critical Facilities Inventory	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update	Yes-Appendix E of Plan Update
Vulnerable Population Inventory	No	No	No	No	No	No	Yes
Land Use Map	No	No	Yes	Yes-Zoning Map	Yes	Yes	Yes
Staff/Department							
Building Code Official	Yes	No	Yes	No	Contracted Services	Yes	Yes
Building Inspector	No	No	Yes	No	Contracted Services	Yes	Yes
Mapping Specialist (GIS)	No	No	No	Yes	No	Yes	No
Engineer	No	No	Yes	Yes	Contracted Services	Yes	Yes
Development Planner	No	No	No	No	No	Yes	Yes
Public Works Official	No	Yes	Yes	Yes	Yes	Yes	Yes
Emergency Management Coordinator	No	No	No	Yes	No	Yes (fire chief)	Yes
NFIP Floodplain Administrator	No	N/A	Yes	Yes	Yes	Yes-Community Development Director	N/A
Bomb and/or Arson Squad	No	No	No	No	No	Yes-State of IA	No
Emergency Response Team	No	Yes	No	Yes	No	Yes-State of IA	Yes
Hazardous Materials Expert	No	Yes-Fire Dept	No	No	No	Yes-Des Moines Regional Team	No
Local Emergency Planning Committee	No	No	Yes	No	No	Yes	Yes
County Emergency Management Commission	No	Yes	Yes	Yes	Yes	Yes	Yes

	Linden	Minburn 2017	Perry 2017	Redfield 2017	Van Meter 2017	Waukee 2017	Woodward 2017
Sanitation Department	No	Yes-Under public works	Yes	No	Contracted Services	Contracted Services	Yes
Transportation Department	No	Yes-Under public works	No	No	No	Engineering	No
Economic Development Department	No	No	No	No	No	Yes	Yes
Housing Department	No	No	No	No	No	Yes-Development Services	No
Planning Consultant	Contracted	Contracted	Yes-Region XII Council of Governments or Contracted	Yes-Region XII Council of Governments or Contracted	Contracted	Des Moines Area Metropolitan Planning Organization, or Contracted	Contracted
Regional Planning Agencies	No	Not Reported	Yes-Region XII Council of Governments	Yes-Region XII Council of Governments	Not Reported	Des Moines Area Metropolitan Planning Organization	Not Reported
Historic Preservation	No	No	Yes	No	No	Yes	Yes
Non-Governmental Organizations (NGOs)							
American Red Cross	No	No	No	No	No	No	No
Salvation Army	No	No	No	No	No	No	No
Veterans Groups	No	Yes	Yes	Yes-American Legion	Yes	Yes	Yes
Local Environmental Organization	No	No	No	No	No	No	Yes
Homeowner Associations	No	No	No	No	No	Yes	No
Neighborhood Associations	No	No	No	No	No	Yes	No
Chamber of Commerce	No	No	Yes	No	No	Yes	No
Community Organizations (Lions, Kiwanis, etc.)	Yes-Lions Club meets twice/yr.	Yes	Yes-Lions, Kiwanis, Rotary	Yes-Redfield Development, Lions Club, American Legion	No	Yes-several including those listed	Yes

	Linden	Minburn 2017	Perry 2017	Redfield 2017	Van Meter 2017	Waukee 2017	Woodward 2017
Local Funding Availability							
Ability to apply for Community Development Block Grants	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ability to fund projects through Capital Improvements funding	Unknown	Yes	Yes	Yes	Yes	Yes (not all)	Yes
Authority to levy taxes for a specific purpose	Unknown	Yes	Yes	Yes	Yes	Yes	Yes
Fees for water, sewer, gas, or electric services	Yes-sewer	Yes	Yes-water and sewer	Yes	Yes	Yes	Yes
Impact fees for new development	Unknown	Unknown	Yes	No	Yes	Yes	No
Ability to incur debt through general obligation bonds	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ability to incur debt through special tax bonds	Yes	Yes	Yes	Yes	No	Yes	Yes
Ability to incur debt through private activities	Unknown	Yes	No	Yes	Yes	No	Yes
Ability to withhold spending in hazard prone areas	No	Yes	Yes	No	Yes	Not Reported	Yes

Source: Data Collection Guides completed by each jurisdiction – 2017

2.3 Public School District Profiles and Mitigation Capabilities

This section includes general profile information for seven Dallas County school districts that are participants in this plan. The school districts with buildings in the planning area are as follows.

- Adel DeSoto Minburn Schools
- Dallas Center-Grimes Schools
- Perry Schools
- Van Meter Schools
- Waukee Schools
- West Central Valley Schools
- Wood-Granger Schools

Figure 2.5 provides the boundaries of the school districts in Dallas County and **Table 2.10** that follows provides location and enrollment information for each school district.

Figure 2.5. Dallas County, Iowa Public School Districts

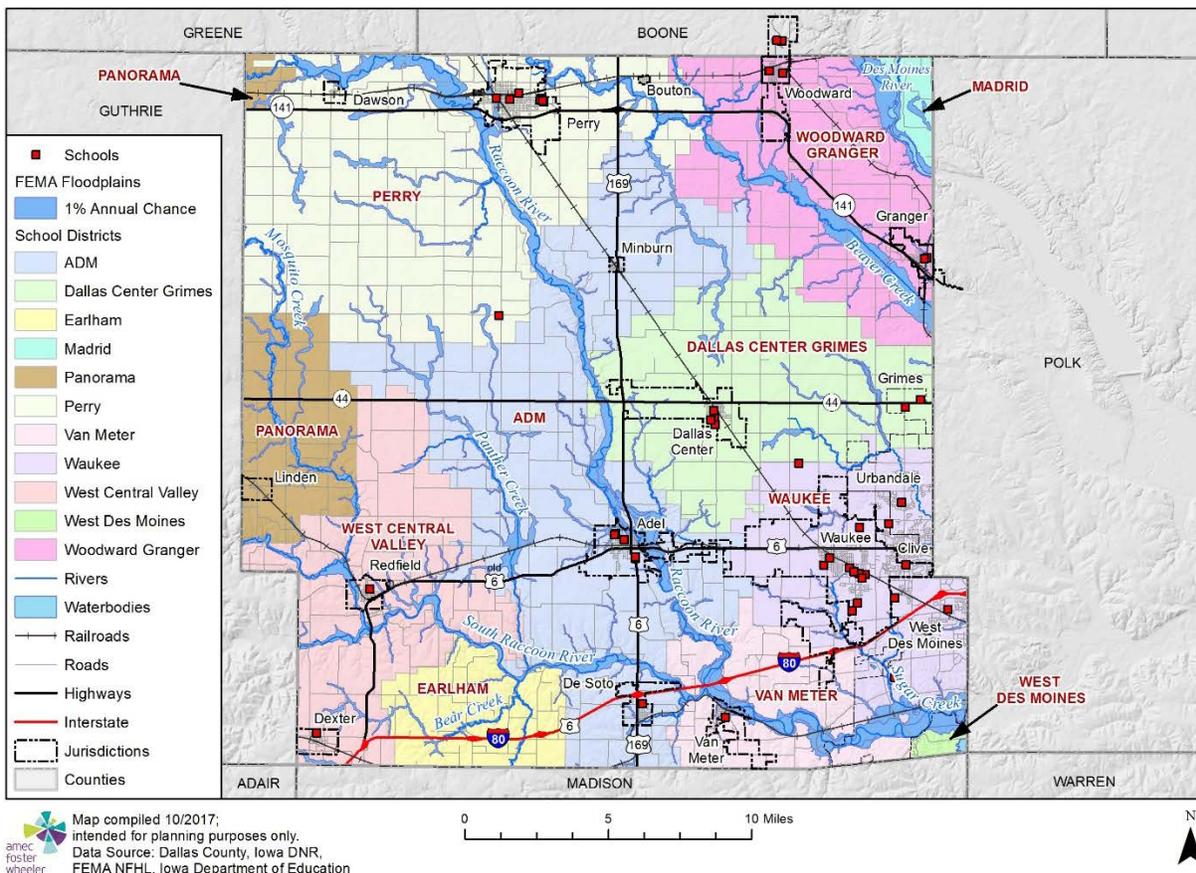


Table 2.9. Dallas County School Buildings and Enrollment Data, 2015-2016

District Name/Building Name	Total Enrollment
Adel DeSoto Minburn	1,719
Adel Elementary School	471
ADM Middle School	359
ADM Senior High School	479
DeSoto Intermediate School	410
Dallas Center-Grimes	2,959
Brighter Beginnings Preschool	39
Dallas Center Elementary	430
Dallas Center-Grimes High School	566
Dallas Center-Grimes Middle School	400
DC-G Meadows	375
Kids Korner Preschool	27
North Ridge Elementary	489
South Prairie Elementary	633
Perry	1,802
Perry Child Development Center	40
Perry Elementary	758
Perry High School	573
Perry Middle School	397
St. Patrick's Gingerbread House Presch	34
Van Meter	728
Van Meter Elementary School	331
Van Meter Jr-Sr High School	397
Waukee	9,287
Brookview Elementary	566
Eason Elementary	566
Maple Grove Elementary	775
Prairieview School	617
Shuler Elementary	784
Timberline School	663
Vince Meyer Learning Ctr	122
Walnut Hills Elementary	800
Waukee Elementary School	730
Waukee Middle School	690
Waukee Senior High School	1,685
Waukee South MS	698

District Name/Building Name	Total Enrollment
Woodland Hills	591
West Central Valley	862
Dexter Elementary School	165
Stuart Elementary School	242
West Central Valley High School	260
West Central Valley Middle School	195
Woodward-Granger	1,190
Assumption Preschool	7
District level enroll	4
Woodward Academy	256
Woodward-Granger Early Learning Center	260
Woodward-Granger Elementary School	273
Woodward-Granger High School	211
Woodward-Granger Middle School	179
Grand Total	18,547

Source: Iowa Department of Education, Bureau of Planning, Research and Evaluation
http://educateiowa.gov/index.php?option=com_content&view=article&id=346&Itemid=4439

Potential capabilities to implement mitigation programs and projects can vary among school districts. To determine mitigation capabilities, each of the participating school districts completed a Data Collection Guide to report planning, personnel, fiscal, and other capabilities related to implementation of mitigation programs and projects. **Table 2.11** provides a summary of the reported capabilities for each participating school district.

Table 2.10. Summary of Mitigation Capabilities, Dallas County Public School Districts

	ADM	Dallas Center-Grimes	Perry	Van Meter	Waukee	Woodward-Granger	West Central Valley
Planning Elements							
Master Plan	Yes-2013	Yes-Aug 2017	Yes-2016	Yes	Yes-Oct 2017	No	Yes
Capital Improvement Plan	Yes-2014	Yes-Aug 2017	Yes	Yes-Spring 2012	Yes-March 2017	Yes-2016-17 (updated)	No
School Emergency Plan	Yes-2016-2017	Yes-Aug 2017	Yes-2016	Yes-Spring 2016	Yes-August 2017	Yes-2016-17(scheduled to be updated July 2017)	Yes
Weapons Policy	Yes-2016-2017	Yes-Aug 2017	Yes-2016	Yes	Yes	Yes-2016-17	Yes
Personnel Resources							
Full-time building official (i.e. principal)	Yes	Yes-Aug 2017	Yes	Yes-Superintendent	Yes-Principal	Yes- 4-Building Principals	Yes
Emergency Manager	No	No	Yes-Director of Buildings and Grounds. Is Deputy Fire Chief and an EMT	Yes-School Resource Officer	No	Yes-Director of Maintenance and Grounds	No
Grant Writer	No	No	No	No	No	No	No
Public Information Officer	No	No	Yes-Superintendent	Yes-District Administrator	No	Yes-Superintendent	No
Financial Resources							
Capital Improvements project funding	Yes-Sales Tax Revenue	Yes	Yes	Yes	Yes	Yes (Utilize Sales Tax and Board Allocated PPEL Funds)	Yes
Local funds	Yes	Yes	Yes	Yes	No	Yes (Voted 10-year PPEL)	No
General obligation bonds	Yes	Yes	Yes	Yes	Yes	Yes (utilized for building and infrastructure)	Yes
Special tax bonds	Yes-PPEL	No	Yes	Yes	No	Yes (Instructional support levy)	Yes

	ADM	Dallas Center-Grimes	Perry	Van Meter	Waukee	Woodward-Granger	West Central Valley
Private activities/donations	Yes	Yes	Yes	Yes	No	Yes (many family donations/matching company grants)	No
State and federal funds	Yes	Yes	Yes	Yes	Yes	Yes	N/A
Other							
Public Address/Emergency Alert System	Public Address System in all buildings	Yes-Public Address System	Public Address, Fire, Tornado, School Messenger Text System	Yes, the building is equipped with building wide public address system via the telephone system.	Visual and audible system	Yes, utilize a combination of means to reach our general public in the event of an emergency. The district has a webpage where information is relayed along with the use of a student information system that has messaging (phone, text and e-mail) capabilities in an emergency.	Public Address
NOAA Weather Radios	Yes	Yes	Yes	Real time weather Radar	Yes	Yes-All buildings are equipped with NOAA weather radios.	Yes

	ADM	Dallas Center-Grimes	Perry	Van Meter	Waukee	Woodward-Granger	West Central Valley
Mitigation Programs to reduce losses / Public Education Programs	2014 Updated the fire system in Adel Elementary School. 2016 Updated the fire system in ADM Middle/High School.	None Reported	Fire Evacuation Training 4 times/year; Tornado Sheltering Exercises 4 times/year; Lockdown security training; Bus evacuation training bi-annually; ADA/Public Safety signage throughout district	Have partnered with the City of Van Meter Department of Public Safety to place a police officer in the building as needed. This person serves as a resource in designating and mitigating hazards within the building as they are certified in law enforcement, fire and emergency medicine.	None Reported	Made sure new construction was built out of 500-year flood plain All school evacuation drills every other year Continual training of staff and patrons on hazards and dangers associated with (trip, slip, fall, traffic safety and annual yearly staff training with bloodborne pathogens. Mitigated potential hazard areas (tree trimming, landscaping, clearly marked warning signs etc..) Working with local law enforcement to communicate building layouts and hazards	None at this time.

	ADM	Dallas Center-Grimes	Perry	Van Meter	Waukee	Woodward-Granger	West Central Valley
Tornado Shelter/Saferoom	No	No	No	Yes-not reviewed for FEMA standards	No	No stand alone safe rooms exist in our buildings.	Have 2 buildings (out of 4) that have FEMA approved tornado shelters.
Campus Police	School Resource Officer through partnership with Adel Police Dept.	No	School Resource Office through partnership with Perry Police Dept.	Yes – 28E agreement with the Van Meter Police Department to supply one police officer to the buildings on an as needed basis.	School Resource Officers	Rely on both town police/volunteer fire departments for our services	No

Source: Data Collection Guides completed by each school district – 2017