



Yolo County

Community Profile Information

Yolo County Operational Area Multi-Jurisdictional Hazard Mitigation Plan

December 2012

Table of Contents

COUNTY OVERVIEW	3
Overview	3
History	3
County Departments.....	4
Local Government in Yolo County	5
Community Services	5
Education.....	6
Infrastructure	7
Transportation	8
Utilities & Lifelines.....	9
Health & Wellness	9
HAZARD IDENTIFICATION.....	10
VULNERABILITY ASSESSMENT	11
Critical Facilities & Asset Inventory.....	11
Estimating Potential Losses	12
Future Development Trends	13
CAPABILITY ASSESSMENT	15
Regulatory Capability.....	15
Administrative and Technical Capability	17
Fiscal Capability	17
GOALS AND OBJECTIVES.....	18
MITIGATION ACTIONS.....	18
2012 Mitigation Actions	19

COUNTY OVERVIEW

Overview

Agriculture is Yolo County's primary industry. The eastern two-thirds of the County consists of nearly level alluvial fans, flat plains, and basins, while the western third is largely composed of rolling terraces and steep uplands used for dry-farmed grain and range. The elevation ranges from slightly below sea level near the Sacramento River around Clarksburg to 3,000 feet along the ridge of the western mountains.

Yolo County's 661,760 acres is home to over 200,000 people. Nearly 88% of the population lives in the County's four cities (Davis, West Sacramento, Woodland, and Winters). Yolo County's proximity to Sacramento International Airport as well as two major interstate highways places it within a significant transportation hub of the state.

History

Yolo County was one of the original 27 counties created when California became a state in 1850. "Yolo" is derived from the native Poewin Indian word "yo-loy" meaning "abounding in the rushes". Other historians believe it to be the name of the Indian chief, Yodo, or the Indian village of Yodoi.

The first recorded contact with Westerners occurred in the late 1820s. These included Spanish missionaries as well as trappers and hunters who could be found along the banks of "Cache Creek" - named by French-Canadian trappers. The first white settler was William Gordon who received a land grant from the Mexican government in 1842 and began planting wheat and other crops.

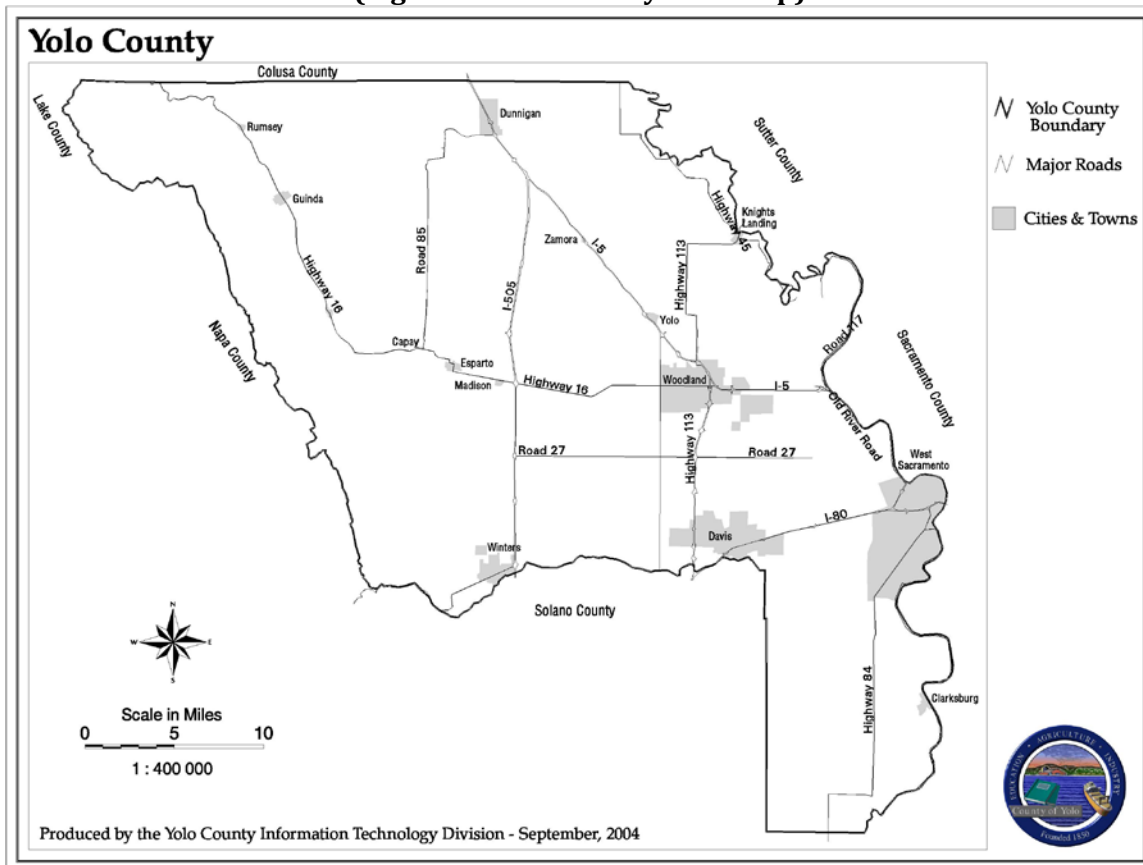
The towns of Yolo County were out growths of native villages along waterways. The county's first town, Fremont, was founded in 1849 along the confluence of the Sacramento and Feather Rivers and became the first county seat. Knights Landing, Washington, Cacheville (later called Yolo), Clarksburg, Winters, Esparto, Capay, Guinda, and Davisville (Davis) were all built near waterways. Davisville had the added advantage of being on the path of the newly constructed railroad. Woodland, which became the county seat in 1862, began in a wooded area of valley oaks and was also served by a nearby railroad.

In 1906, to further emphasize agriculture's role in Yolo County, the University of California chose a 780-acre farm belonging to Jerome Davis for establishment of a university farm to serve as part of the College of Agriculture. The Davis farm has since become a separate campus of the University and has received world-wide fame for its research and educational work.

In 1987, West Sacramento became Yolo County's fourth incorporated city. It is home to the Port of West Sacramento and Sacramento Deep Water Channel, providing worldwide access to Yolo County's agricultural and manufacturing production.

Geographical Features

(Figure 1: Yolo County Area Map)



Location Information

- Elevation: (-) 0' to above 3,000'
- Land Area: 661,760 acres
- Zip Codes: see Community Profile attachments
- Area Codes: 530 & 916

County Departments

County departments are responsible for providing a wide array of services to the unincorporated areas of Yolo County, as well as within municipalities. Departments are managed by elected officials or appointed directors who are responsible for administering local programs and services, in accordance with both applicable state law and county regulations. Many county departments are further sub-divided into divisions, offices, and programs, which provide specific services to the public.

- Agriculture
- Alcohol, Drug and Mental Health
- Assessor (Elected Office)
- Auditor-Controller/Treasurer-Tax Collector (Elected Office)
- Cooperative Extension
- County Administrator

- County Counsel
- Child Support Services
- Clerk-Recorder (Elected Office)
- District Attorney
- Employment and Social Services
- Information Technology
- Library
- Planning and Public Works
- Probation
- Public Defender
- Public Guardian/Administrator (Elected Office)
- Public Health
- Sheriff-Coroner

Local Government in Yolo County

Special Districts

The following is a list of special districts in Yolo County

- Clarksburg Lighting District
- Dunnigan Lighting District
- Dunnigan Water District
- Dunnigan CSA
- Esparto Community Service District
- El Macero CSA
- Madison Service District
- North Davis Meadows CSA
- Rolling Acres PRD
- Snowball CSA
- Willowbank CSA
- Yolo County Flood Control & Water Conservation District
- Yolo County Transportation District
- Yolo-Zamora Water District
- Reclamation Districts 108, 150, 1600, 2035, 2068, 2076, 307, 537, 730, 752, 765, 785, 787, 827, 999
- Yolo County Fire Districts
- Yolo County School Districts
- Yolo County Cemetery Districts
- Sacramento-Yolo Mosquito Vector Control District

Community Services

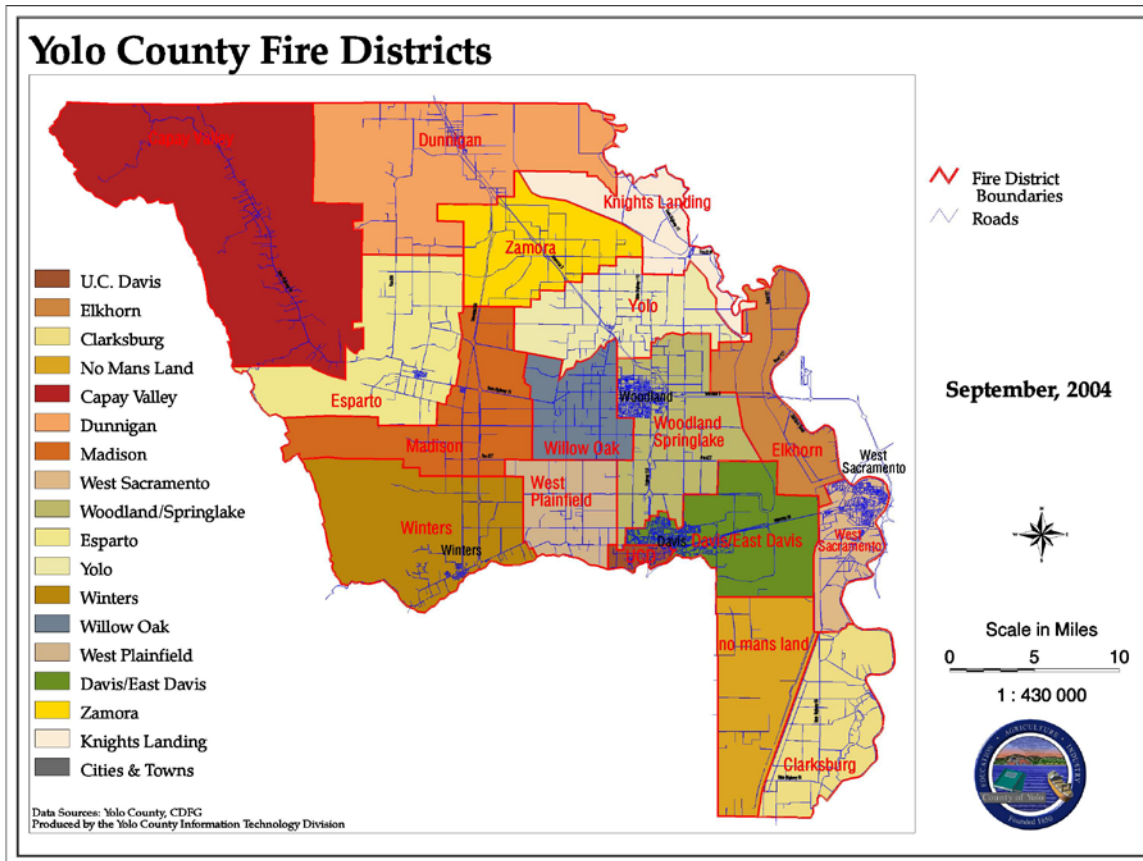
Library

Public library services are provided through both the City of Woodland, and Yolo County. County operated branch libraries are located in the following communities:

- Clarksburg Branch 52915 Netherlands Rd.
- Davis Branch (Mary L. Stephens) 315 E. 14th Street
- Esparto Branch 17065 Yolo Avenue
- Knights Landing Branch 42351 Third Street
- West Sacramento Branch (Arthur F. Turner) 1212 Merkley Avenue

- Winters Branch 708 Railroad Avenue
- Yolo Branch 37750 Sacramento Street
- South Davis Montgomery Satellite 1441 Danbury Street

Fire Districts



Parks & Recreation

In addition to parks operated and maintained by the four cities, the County of Yolo also provides regional recreational sites at various locations.

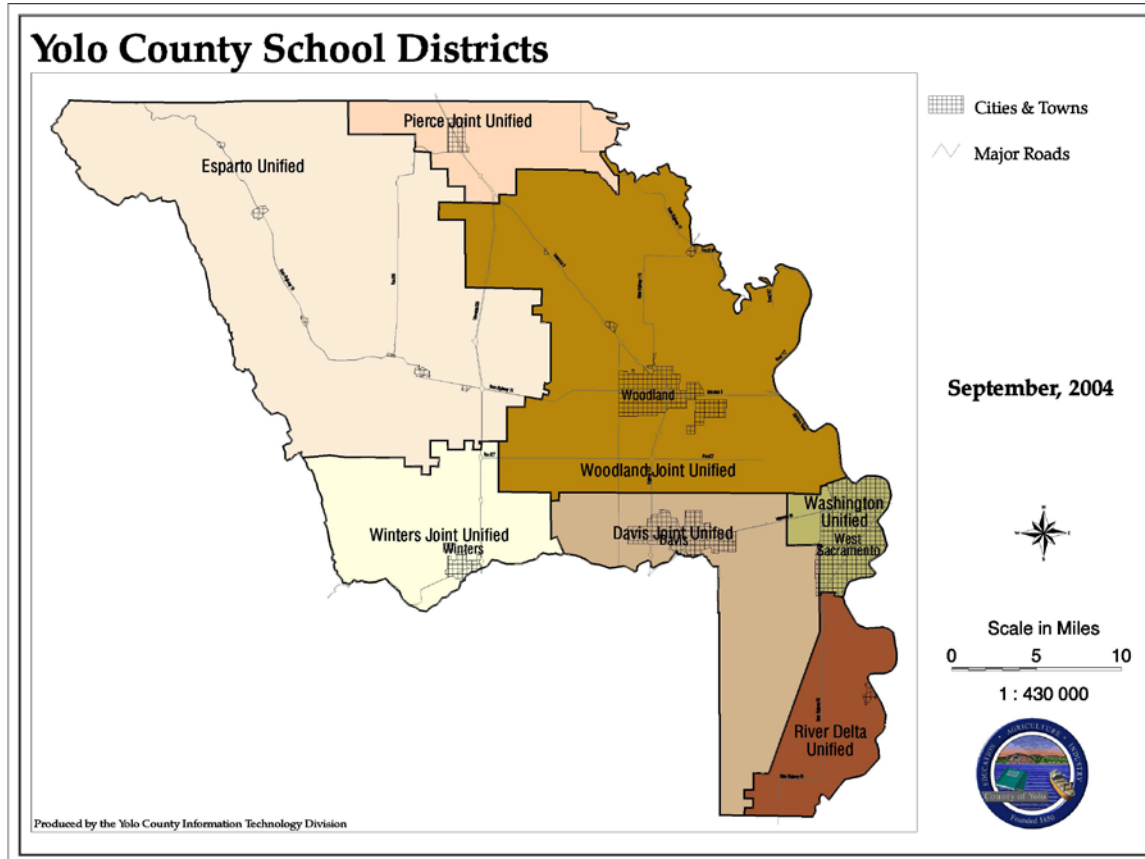
Education

University of California at Davis

Student enrollment: 33,300 (fall 2012)

Campus acreage: 5,300 acres (largest UC campus) This Campus houses many programs critical to Emergency Management and hazard mitigation.

School Districts



Infrastructure

Telephone

The majority of Yolo County receives its landline telephone service through AT&T. The Knights Landing area receives phone service through Verizon. Cellular phone service is provided by major national carriers including AT&T, Verizon, Sprint, Metro Unlimited and others. Cable service companies also provide broadband service within selected areas.

Community Cable TV

Yolo County is serviced by several commercial cable television providers, both within the incorporated municipalities as well as in selected unincorporated communities. Cable providers also offer broadband Internet connectivity to subscribers.

Broadcast Media

Yolo County is served by a host of television and radio broadcast services throughout Northern California. The primary broadcast market includes Sacramento, the San Francisco Bay Area, North Coast, Northern Sacramento Valley, and Southern Sacramento-San Joaquin Valley regions. In addition, the county is served by an assortment of public-not for profit broadcast entities that provide educational or community-based programming.

Most of the county is also serviced by satellite broadcast companies, which offer paid programming services. Satellite broadcast services provide an alternative source for remote areas of the county not able to receive cable or broadcast television signals.

Internet Connectivity

Numerous commercial phone, cable, and information technology services provide broadband and wireless access to the Internet throughout Yolo County.

Print Media

Yolo County is served by the following local and regional printed newspapers:

- Daily Democrat – Woodland
- Davis Enterprise – Davis
- The News-Ledger – West Sacramento
- The Winters Express – Winters
- Valley Star – West Sacramento
- West Sacramento Press – West Sacramento
- Sacramento Bee – Sacramento

Transportation

Highways

Major Interstates and Highways

The following federal interstates and state highways transit through Yolo County:

- Interstate 5 North – South, Sacramento Co into Colusa Co
- Interstate 80 East – West, Sacramento Co into Solano Co
- Interstate 505 North – South, I-5 (Dunnigan) to I-80 (Vacaville)
- State Highway 16 East – West, Woodland west into Colusa Co
- State Highway 45 North – South, Knights Landing into Colusa Co
- State Highway 84 North – South, West Sacramento into Solano Co
- State Highway 113 North – South, I-80 (Davis) north into Colusa Co
- State Route 128 East – West, Winters west into Lake Co

County Roadways

The county is crisscrossed by a selection of rural roads that are maintained by County government. These roads serve all incorporated and unincorporated communities, and connect with both municipal streets grids and the state highway system.

Public Transit

Public transportation within most cities and unincorporated communities is provided by Yolobus, or the Yolo County Transportation Department. Bus stops are strategically located throughout Yolo County, and service extends into Sacramento County to cover the Sacramento International Airport, and downtown capitol area.

In addition to Yolobus, UC Davis operates the Unitrans bus service, which covers the university campus as well as a major portion of Davis.

Rail

Passenger rail service is provided to Yolo County by AMTRAK, with special service under arrangement with the State of California. A full passenger rail station is located in Davis, and provides connections to Sacramento, the San Francisco Bay area, and nationwide through the AMTRAK rail system.

Airports

General Aviation Airports

There are three general aviation airports located in and serving Yolo County:

- Watts-Woodland Airport (Private)
- Yolo County Airport (County)
- UC Davis Airport (University) – Located at UC Davis for flight school training

The nearest airport with scheduled commercial flights is Sacramento International, which is located just east of Yolo County, off Interstate 5, in Sacramento County.

Marine

Access to commercially navigable waterways is provided through the Port of West Sacramento, which serves as a point of receiving and shipping of various bulk commodities. Commercial vessels access the Port of West Sacramento via the Sacramento Deep Water Channel,

Pipeline

Numerous major commercial pipelines traverse areas of Yolo County, serving as a pathway for pressurized natural gas, fuel, and other commodities.

Utilities & Lifelines

Power

Pacific Gas & Electric (PG&E) provides electric power to all areas of Yolo County.

Natural Gas

Pacific Gas & Electric provides natural gas service to all municipalities and many unincorporated communities within the county. In addition, propane service is also available to more remote areas of the county, where PG&E service is not readily available.

Sewage Treatment

Centralized wastewater and sewage treatment is managed by all four municipalities, UC Davis, and several special districts that cover various unincorporated communities.

Solid Waste Management

Solid waste collection and disposal is provided through established contracts with commercial providers in all cities and most unincorporated areas of the county. Yolo County maintains a sanitary landfill site, located between Woodland and Davis, where solid waste is processed and buried. In addition the County landfill also receives and processes various recyclables for all areas of the county.

Health & Wellness

Hospitals in Yolo County

These hospital facilities, even though privately owned and operated, have been determined to be critical to the County's ability to fulfill the requirements of its mission during an emergency. There are two hospitals serving the Yolo Operational Area they are Sutter in the City of Davis and Woodland Memorial. The level 1 trauma center for the area is U. C. Davis Medical Center in Sacramento.

Sutter Davis Hospital

2000 Sutter Place Davis, California, 95616

Sutter Davis Hospital is a technologically advanced acute care hospital with a strong offering of outpatient services and community outreach programs. The 48-bed hospital and its programs provide care and support to the residents of Davis, Dixon, Winters, Woodland, West Sacramento, Vacaville and rural communities throughout Yolo and Eastern Solano Counties

Woodland Memorial Hospital

1325 Cottonwood Street Woodland, CA 95695

As the largest hospital in Yolo County, Woodland Memorial Hospital provides a full range of surgical and acute care medical services for both inpatient and outpatient visits. The hospital is a 120 bed, acute care, non-profit facility with an outstanding mix of state-of-the-art equipment and community health and wellness programs. Additionally, the hospital is recognized as the most comprehensive provider of women's and children's medical services in the county, equipped to handle high-risk pregnancies and high-risk infants, as well as the needs of children. This facility also houses a behavioral health unit.

UC Davis Medical Center

2315 Stockton Blvd. Sacramento, CA 95817

UC Davis Medical Center is one of five University of California teaching hospitals. As the primary clinical education site for the UC Davis School of Medicine, and the only area provider of many medical services, the medical center is an integral part of the health and well-being of Northern Californians. UC Davis Medical Center is located on 140 acres in central Sacramento, three miles from the state Capitol and 20 miles from the main UC Davis campus. The university established the medical center in 1973 to support the clinical and research missions of the then new UC Davis School of Medicine. Licensed for 528 beds and fully accredited, UC Davis Medical Center is the region's only Level I comprehensive adult and pediatric trauma and burn center.

HAZARD IDENTIFICATION

The Steering Committee for Yolo County identified hazards that affect the county and developed hazard profiles based upon the countywide risk assessment, past events and their impacts. Definitions for the rankings and a detailed explanation of the hazards can be found in Element B: Hazard identification and Risk Assessment.

Unincorporated Yolo County—Hazard Profiles

Hazard	Probability of Occurrence	Geographic Extent & Potential Magnitude	Priority Hazard
Dam Failure	Unlikely	Critical	No
Drought	Likely	Critical	Yes
Earthquake	Occasional	Critical	Yes
Flood	Likely	Catastrophic	Yes
Severe Weather	Highly Likely	Catastrophic	Yes
Volcanic Activity	Unlikely	Critical	No

Hazard	Probability of Occurrence	Geographic Extent & Potential Magnitude	Priority Hazard
Wildfire	Highly Likely	Critical	Yes

Previous Occurrences

Information on previous occurrences for the hazards is located in Element B of the Yolo MHMP Base Plan.

VULNERABILITY ASSESSMENT

The vulnerability assessment analyses the population, property and other assets at risk to natural hazards in Yolo County. This section lists assets at risk to natural hazards including critical facilities and infrastructure. It also discusses the impacts that occurred in [past events and vulnerability to specific hazards ranked affecting Yolo County with a high or medium significance.

Critical Facilities & Asset Inventory

The following assets have been designated as critical to support the mission of Yolo County in an emergency.

Location	Address	City
Communications Shed	3 rd & B Streets	West Sacramento
Probation/Storage	218 West Beamer	Woodland
Emergency Operations Center	120 W. Main Street, Suite E	Woodland
Probation Annex	218 West Beamer	Woodland
Public Works/Planning	292 West Beamer	Woodland
Communication Center	35 N. Cottonwood	Woodland
Yolo County Courthouse	725 Court Street	Woodland
Erwin Meier Administration Building	625 Court Street	Woodland
Cache Creek Water Treatment Plant	1475 Hwy 16	Rumsey
County Landfill	CR 104 & 28H	Woodland
Herbert Bauer M.D. Building	10 Cottonwood	Woodland
Monroe Detention Center	41797 Gibson Rd	Woodland
Leinberg Center	41797 Gibson Rd	Woodland
Sheriff Administration Office	41797 Gibson Rd	Woodland
Morgue	41797 Gibson Rd	Woodland
Airport - Hanger Building	CR95/CR29	Woodland

Airport Electrical Control & Storage Building	CR95/CR29	Woodland
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Estimating Potential Losses

The Total Exposure to Hazards table shows the maximum population and building exposure by jurisdiction in the unincorporated areas of Yolo County in terms of population and the number and values of structures. More information on how these estimates were calculated can be found in Element B.3 Vulnerability Assessment.

Total Exposure to Hazards

Jurisdiction	Exposed Population	Buildings	
		Number	Value
Yolo County Unincorporated Areas	24,355	10,751 parcels	\$1,383,763,564
Total	24,355	10,751 parcels	\$1,383,763,564

Source: Yolo County GIS

Drought

The most significant impacts associated with drought in Yolo County are those related to water intensive activities such as agriculture, wildfire protection, municipal usage, commerce, tourism, recreation, and wildlife preservation. Voluntary conservation measures are typically implemented during extended droughts. A reduction of electric power generation and water quality deterioration are also potential problems. Drought conditions can also cause soil to compact and not absorb water well, potentially making an area more susceptible to flooding.

Earthquake

Earthquakes in Yolo County are most critical for the western portion of the county. The likelihood of an earthquake in the bay area is high. With that in mind, the effects of a bay area earthquake to Yolo County are critical to catastrophic. The Interstate 80 corridor lies directly in Yolo County and will be a primary evacuation route for people leaving the bay area. This will greatly impact the county in that the county and its jurisdictions will have to support the bay area counties with mutual aid and evacuation support such as food, lodging and other resources.

Additionally, the HAZUS modeling conducted for Yolo County shows that the unreinforced masonry buildings will be impacted in mostly the unincorporated areas. HAZUS estimates that are approximately 344 URMs and of those 138 will receive extensive damage and will be completely damaged, mitigation of those existing structures is critical.

Flooding

Flooding is a significant issue that affects unincorporated Yolo County. Addressing levee safety and flood hazards in areas within the 100- year floodplain will be necessary to enable growth and development to meet the county's needs. Policies restricting development in the 100-year floodplain also constrain the supply of land available for new development. The county's participation on an ongoing basis in the Central Valley Flood Protection Plan, the Regional Flood Management Plan, and the Floodway Corridor Protection Program is critical.

Severe Weather

Severe weather occurrences in Yolo County occur frequently with the seasonal changes in Yolo County. Impacts from severe weather such as extreme temperatures, heavy rains and wind are downed trees in roadways, power outages, and localized flooding. Many of these impacts are the same as those described in Element B of the Yolo MHMP base plan.

Wildfire

Most wildfires that occur are along the western portion of the county along Highway 16. Those are characterized as dry fuels with most suppression efforts being handled by Cal Fire and the rural fire districts. Most of the high threat area also is located in the unincorporated areas and lie along the Highway 16 corridor. Large fires in this area impact local resources and access to the communities along this highway especially the Yocha Dehe Casino that is a large economic asset to the area.

Future Development Trends

According to SACOG projections, the population of unincorporated Yolo County is anticipated to grow by an average of 1.2 percent annually while the overall County population is projected to grow at an average annual rate of 1.8 percent. The table **Population Projections** shows the county's overall population growth from 2005 to 2015. Growth in the unincorporated County is not expected to occur evenly across communities, with higher growth rates projected for Dunnigan and Knight's Landing as compared to Clarksburg, Madison, and Esparto.

Tourism is an increasing component of the Yolo County economy, and promoting its continued growth is a high priority. Further, since many of the county's best rural tourism opportunities are in the unincorporated area, and many are in public ownership (e.g. BLM, County Parks, other open space), the county should work closely with both public and private landowners and operators to ensure expanded tourism opportunities.

One of the future goals is to emphasize the revitalization of Yolo County small downtowns as a key economic development activity. This includes improving local retail and services in Esparto, Knights Landing, Madison, and other communities. It also includes ensuring that the proposed Dunnigan Hills project develops with a healthy mix of jobs, housing and other community amenities for balanced growth. These initiatives rely on the support of several grant programs to help with providing public facilities, infrastructure, and affordable housing and will need increased mitigation in the area of public outreach.

Because of recent economic and technology shifts, there is now a window of opportunity to revitalize many of the Yolo County unincorporated communities. Older, boarded up

commercial buildings have a chance to be commercially viable, and each downtown has the opportunity to serve its local population. Esparto, for instance, has seen the approval of 500 new housing units since 2001 and is benefiting from the local spending power the new residents bring. Even so, millions of dollars are being spent by Esparto residents in Woodland and Vacaville, where they work. Esparto also has an active community-led revitalization program, which will help the community capture some of that leakage. Like Esparto, Capay and Brooks also have limited commercial development potential, driven by Casino expansion efforts.

Population Projections 2005-2015

	Projected Population				Projected Average Annual Change 2005-2013
	2005	2010	2013	2015	
Yolo County Total	191,218	209,035	219,890	227,126	1.8%
Davis	63,850	65,615	66,588	67,237	0.5%
Winters	7,159	8,709	9,850	10,610	4.1%
Woodland	52,584	57,010	59,053	60,415	1.5%
West Sacramento	40,032	48,408	54,001	57,730	3.8%
Unincorporated Yolo County	27,593	29,293	30,398	31,134	1.2%
<i>Clarksburg</i>	440	444	446	447	0.2%
<i>Dunnigan</i>	1,023	1,719	2,162	2,457	9.8%
<i>Esparto</i>	2,040	2,297	2,484	2,608	2.5%
<i>Knight's Landing</i>	1,094	1,383	1,547	1,656	4.4%
<i>Madison</i>	536	598	643	673	2.3%
<i>Rest of Unincorporated</i>	22,460	22,852	23,117	23,293	0.4%

Source: Yolo County Comprehensive Economic Development Strategy Report 2010

Clarksburg has the renovated Old Sugar Mill and the increased visitation that its attraction is bringing. Dunnigan has newer truck stops and gas stations, and is slated for an entire new town of up to 7,500 homes. Madison, the Highway 5 communities of Yolo and Zamora, and Knights Landing have some potential as their populations and highway traffic expand.

The retail and service markets in most downtowns are primarily local, and only small retail and office uses are likely to be supportable. Because of limited markets, the larger downtown parcels and vacant buildings cannot easily support a single use; so mixed-use zoning makes sense for added flexibility. Those downtowns along I-5 can also benefit from maximizing highway commercial development.

Effective revitalization depends on adequate water, sewer, roads, fire and public safety. The

infrastructure systems of these communities must also be upgraded as an important component of revitalization.

CAPABILITY ASSESSMENT

Capabilities are the programs and polices currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. The capability assessment is divided into five sections: regulatory, administrative and technical, fiscal, outreach and partnerships, and other mitigation efforts.

Regulatory Capability

The legal and regulatory capabilities of each jurisdiction are shown in the table below, which presents the existing ordinances and codes that affect the physical or built environment of each jurisdiction. Examples of legal and/or regulatory capabilities can include: a jurisdiction’s building codes, zoning ordinances, subdivision ordinances, special purpose ordinances, growth management ordinances, site plan review, general plans, capital improvement plans, economic development plans, emergency response plans, and real estate disclosure plans.

Yolo County Regulatory and Planning Capabilities

Regulatory Tools	YOA	WLD	DAV	WSAC	WIN	YDH
Building code	√	√	√	√	√	√
Zoning ordinance	√	√	√		√	√
Subdivision ordinance or regulations	√	√	√		√	
Special purpose ordinances (floodplain management, storm water management, hillside or steep slope ordinances, wildfire ordinances, hazard setback requirements)	√	√	√	√	√	√
Growth management ordinances (also called “smart growth” or anti-sprawl programs)	√	√	√	√	√	√
Site plan review requirements	√	√	√	√	√	√
General or comprehensive plan	√	√	√	√	√	
A capital improvements plan	√	√	√		√	√
An economic development plan	√	√	√	√	√	√
An emergency response plan	√	√	√	√	√	√
A post-disaster recovery plan						√
A post-disaster recovery ordinance						
Real estate disclosure requirements	√	√	√	√	√	
Habitat Management Plan	√	√	√	√	√	
Master Drainage, Sewer, Water, & Reclaimed Water	√	√	√	√	√	√
Redevelopment Master Plan	√	√	√		√	

Source: Steering Committee

Yolo County General Plan

The 2030 Countywide General Plan establishes County policy regarding planned land uses and infrastructure within the unincorporated areas of Yolo County. The 2030 General Plan was adopted by the Board of Supervisors on November 10, 2009.

Yolo County EOP 2007

The Emergency Operations Plan addresses the planned response to emergency situations associated with natural disasters, technological incidents, human caused events and national security emergencies in or affecting Yolo County. The plan establishes the emergency management organization required to mitigate any significant emergency or disaster affecting Yolo County; identifies the policies, responsibilities, and procedures required to protect the health and safety of communities, public and private property, and the environmental effects of natural, human caused and technological emergencies and disasters; and establishes the operational concepts and policies for disaster response and recovery. This plan will be revised and updated in 2013 to meet local, state and federal needs.

Yolo County Delta, Flood Protection & Infrastructure Projects Plan

A prioritized list of short-term, medium, and long-term projects for the improvement of infrastructure and flood protection within the Yolo County Delta. This is a 20-year plan for the County. The list includes: project description, estimated funding amount, proposed funding source, and the region the project is located.

2011 Flood Management Workplan

A list of current lead agencies, cost, and statuses of both physical and legislative level projects currently being worked on to improve floodplain management in Yolo County.

Yolo County Habitat Conservation Plan/Natural Community Conservation Plan

A plan inclusive of biological goals, geographic area, plan duration, species to be addressed, and actions to be permitted to protect the natural resources of Yolo County.

Emergency Management/Preparedness Program

The Office of Emergency Services (OES), a program within the County Administrator's Office, is responsible for coordinating the planning for, response to, and recovery from all-hazards that may impact Yolo County. These duties include:

- Identification and assessment of potential hazards and threats
- Development, implementation, and maintenance of appropriate contingency plans
- Development and presentation of community and interagency preparedness programs
- Coordination of interagency emergency management for the Yolo Operational Area
- Maintenance and management of the county Emergency Operations Center (EOC) in support of emergency response operations

Other plans and ordinances such as the Fire Management Plan, the Central Valley Food Protection Plan, the Regional Flood Management Plan, the Emergency Services, Fire Prevention, Flood Management and other important ordinances to the County as

documented in the **Regulatory and Planning Capabilities** table are located on Yolo County’s website at www.yolocounty.org.

Administrative and Technical Capability

The **Administrative and Technical Capability** table identifies the county personnel responsible for activities related to mitigation and loss prevention in Yolo County. Many positions are full time and/or filled by the same person. A summary of technical resources follows.

Unincorporated Yolo County Personnel Capabilities

Personnel Resources	Department/Position
Engineer and/or Planner with knowledge of land development/land management practices	Planning and Public Works Department
Professional trained in construction practices related to buildings and/or infrastructure	County Community Development Agency/County Building Official, Planning and Public Works Department
Full time Building Official	County Community Development Agency/County Building Official
Floodplain Manager	Planning and Public Works Department
Emergency Manager	County Office of Emergency Services
Grant Writer	YES various departments
Other Personnel Resources such as Personnel skilled in GIS and/or HAZUS	County Administrative Office, IT Department, Sheriff’s Office, and other County Departments and Agencies

Source: Steering Committee

Fiscal Capability

The **Fiscal Capability** table shows specific financial and budgetary tools available to the jurisdictions such as community development block grants; capital improvements project funding; authority to levy taxes for specific purposes; fees for water, sewer, gas, or electric services; impact fees for homebuyers or developers for new development; ability to incur debt through general obligations bonds; and withholding spending in hazard-prone areas.

Unincorporated Yolo County Available Financial Tools and Resources

Financial Resources	YOA	WLD	DAV	WSAC	WIN	YDH
Community Development Block Grants	√	√	√	√	√*	
Capital improvements project funding	√	√	√	√	√	
Authority to levy taxes for specific purposes	√	√	√	√	√**	
Fees for water, sewer, gas, or electric service	√	√	√	√	√	
Impact fees for homebuyers or developers for new developments/homes	√	√	√	√	√	
Incur debt through general obligation bonds	√	√	√	√	√**	
Incur debt through special tax and revenue bonds	√	√	√	√	√**	
Incur debt through private activity bonds	√	√	√	√	√**	

Financial Resources	YOA	WLD	DAV	WSAC	WIN	YDH
Withhold spending in hazard-prone areas	√	√	√	√	√	

* Subject to grant from State
** Subject to voter approval

Source: Steering Committee

Outreach and Partnerships

Yolo County also participates in the 2-1-1 Community Information program – *2-1-1 Yolo*. This is an online community information database that is available to Yolo County citizens and agencies, and provides a vast amount of information on topics that support and enhance the quality of life. The *2-1-1 Yolo* program can also be used as a referral service during periods of emergency, as well as a supplemental conduit for the release of disaster preparedness information and assistance to impacted communities.

The Yolo County Comprehensive Economic Development Strategy Committee meets regularly and works with the cities, county, state, utilities, existing businesses, financial institutions, and other interested parties to ensure that economic development programs are meeting community goals. The committee works to create job opportunities and to increase the bottom line for businesses through development and retention assistance. The committee could be an important partner in outreach efforts to educate businesses about mitigation and emergency preparedness and in economic recovery planning.

GOALS AND OBJECTIVES

Yolo County adopts the hazard mitigation goals and objectives developed by the Steering Committee and described in Element C Mitigation Goals.

MITIGATION ACTIONS

The Steering Committee for the unincorporated areas of the county identified and prioritized the following mitigation actions based on the risk assessment.

2012 Mitigation Actions
Mitigation Action #1 YOA

Action:	All Hazards Public Awareness and Disaster Preparedness
Jurisdiction:	Yolo County; Cities of Davis, West Sacramento, Winters, Woodland, Yolo County Housing; Yocha Dehe Wintun Nation; Special Districts
Priority:	High
Issue/Background:	There are many different jurisdictions within Yolo County. Each jurisdiction is responsible for their own public awareness and disaster preparedness program for hazards in their community. The level of effort varies by jurisdiction. All jurisdictions are faced with limited resources; some must sacrifice educational outreach campaigns to direct their limited resources to the most critical projects. A unified public awareness and disaster preparedness program will ascertain both broad and targeted needs. Resources will be leveraged by consolidating messaging where appropriate and reaching across jurisdictional lines would greatly benefit the entire county.
Responsible Office:	Yolo County Office of Emergency Services; Public Information Officers in each of the participating jurisdictions
Partners:	Yolo County; Cities of Davis, West Sacramento, Winters, Woodland, Yolo County Housing; Yocha Dehe Wintun Nation; Special Districts
Potential Funding:	Homeland Security Grant Programs, Hazard Mitigation Grant Programs, other funding sources as available
Cost Estimate:	\$150,000
Benefits: (Losses Avoided)	Increase in population knowledge of potential hazards and activities needed to mitigate the affects of those hazards
Hazards Addressed:	Drought, Earthquake, Flood, Severe Weather and Wildfire

Mitigation Action #2 YOA

Action:	Convene Local/Tribal Disaster Councils
Jurisdiction:	Yolo County; Cities of Davis, West Sacramento, Winters, Woodland, Yocha Dehe Wintun Nation
Priority:	Medium
Issue/Background:	<p>The emergency services ordinance establishes the local Disaster Councils and designates the membership of the council. The council's powers include the development of emergency and mutual aid plans and agreements and the ordinances and resolutions to implement them, including the Hazard Mitigation Plan.</p> <p>The county and other participating jurisdictions would like to convene the formal inter-jurisdictional entity that meets regularly to coordinate emergency management and mitigation issues.</p>
Responsible Office:	Director of Emergency Services for Yolo County, Cities of Davis, West Sacramento, Winters, Woodland, Yocha Dehe Wintun Nation (OES)
Partners:	County, City, Housing and Tribal Government Departments and Agencies
Potential Funding:	General Fund
Cost Estimate:	Minimal, staff time
Benefits: (Losses Avoided)	Increase knowledge of potential hazards and activities needed to mitigate the affects of those hazards; hazard mitigation plan approval and oversight
Hazards Addressed:	Drought, Earthquake, Flood, Severe Weather and Wildfire

Mitigation Action #3 YOA

Action:	Integrate Local Hazard Mitigation Plan into Safety Element of General Plan
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	Local jurisdiction reimbursement for mitigation projects and cost recovery after a disaster is guided by Government Code Section 8685.9. Specifically, this section requires that the County must adopt a local hazard mitigation plan in accordance with the federal Disaster Mitigation Act of 2000 as part of the safety element of its general plan adopted pursuant to subdivision (g) of Section 65302. It is important for Yolo County to incorporate the County's LHMP into the safety element as part of the next general plan update.
Responsible Office:	County Planning and Public Works
Partners:	County Office of Emergency Services, County Administrative Office
Potential Funding:	General Fund
Cost Estimate:	Minimal, staff time \$2,000 - \$5,000
Benefits: (Losses Avoided)	AB 2140 Compliance; Provides General Plan policy direction for development activity with the county's unincorporated areas. Potential loss reductions in the \$1000's as any new development within the county will be considered within the context of the county's Safety Element.
Hazards Addressed:	Drought, Earthquake, Flood, Severe Weather and Wildfire

Mitigation Action #4 YOA

Action:	Community Warning System
Jurisdiction:	Yolo County; Cities of Davis, West Sacramento, Winters, Woodland; Yolo County Housing; Yocha Dehe Wintun Nation
Priority:	High
Issue/Background:	The County's existing emergency notification system that is exclusively phone based is antiquated and inefficient. It is estimated that due to the proliferation of cell phones and other electronic devices, existing landline based systems reach less than 60% of the targeted households during a notification event. Secondly, updating the core databases and incorporating new technologies is expensive and cumbersome. The County seeks to purchase an updated system that allows families to modify their profile online and alert all the communications devices each household possess to maximize the ability to alert and warn the residents of the county wherever they might be during times of emergency. This countywide system can integrate alert and warning, EAS messaging and customized notifications of first responders, targeted neighborhood or demographic groups as needed.
Responsible Office:	County and City Public Safety Agencies; Yolo Emergency Communications Agency; Yolo County Office of Emergency Services
Partners:	County Departments and Agencies; Cities of Davis, West Sacramento, Winters and Woodland; Yolo County Housing; Special Districts; Yocha Dehe Wintun Nation
Potential Funding:	Homeland Security Grant Programs; other funding as available
Cost Estimate:	Approximately \$300,000 for the complete Countywide system, \$30,000 annually to staff and maintain the system
Benefits: (Losses Avoided)	Timely alerting and warning to all segments of the county's population during a disaster or major event leads to appropriate and informed responses by the residents and populations. Simplifies sheltering, evacuation, resource efforts which will save time, resources and lives in an emergency.
Hazards Addressed:	Drought, Earthquake, Flood, Severe Weather and Wildfire

Mitigation Action #5 YOA

Action:	Mass Care and Shelter Plan Development to include People with Disabilities, the Elderly and People with Access and Functional Needs
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	The participating jurisdictions in this planning effort would like to develop some specialized planning for Mass Care and Shelter countywide. The focus would be to develop a plan for emergency response agencies to assist in providing Mass Care and Shelter services to members of the community. An additional component to this plan would be dedicated to addressing the affects of a Major Bay Area Earthquake and Yolo County's response to support that overall regional effort.
Responsible Office:	County Public Health; County Department of Employment and Social Services; Yolo County Office of Emergency Services
Partners:	County Departments and Agencies; Cities of Davis, West Sacramento, Winters and Woodland; Yolo County Housing; Special Districts; Yocha Dehe Wintun Nation; American Red Cross, County and City Public Safety Agencies;
Potential Funding:	Homeland Security Grant Programs; Emergency Management Performance Grant Program; other funding as available
Cost Estimate:	Approximately \$75,000 for the complete Countywide planning effort
Benefits: (Losses Avoided)	Emergency planning for a Mass Care and Shelter Response will help reduce loss of life and injury during emergency events. Increased community awareness and planning will also be beneficial.
Hazards Addressed:	Drought, Earthquake, Flood, Severe Weather and Wildfire

Mitigation Action #6 YOA

Action:	Develop Public Health and Mass Care Tiered Response System
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	The participating jurisdictions in this planning effort would like to develop some specialized criteria for planning for Mass Care and Shelter responses countywide. The focus would be to prioritize response structures, site identification, and activation triggers of multiple sites that may need to be activated simultaneously in response to a large event.
Responsible Office:	County Public Health; County Department of Employment and Social Services; Yolo County Office of Emergency Services
Partners:	County Departments and Agencies; Cities of Davis, West Sacramento, Winters and Woodland; Yolo County Housing; Special Districts; Yocha Dehe Wintun Nation; American Red Cross, County and City Public Safety Agencies;
Potential Funding:	Homeland Security Grant Programs; Emergency Management Performance Grant Program; other funding as available
Cost Estimate:	Approximately \$25,000 for the complete Countywide plan structure
Benefits: (Losses Avoided)	Emergency planning for a Mass Care and Shelter Response will help reduce loss of life and injury during emergency events. Increased community awareness and planning will also be beneficial.
Hazards Addressed:	Drought, Earthquake, Flood, Severe Weather and Wildfire

Mitigation Action #7 YOA

Action:	Drought Emergency Plan
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	The participating jurisdictions in this planning effort would like to develop a drought emergency plan to include rationing criteria during drought conditions, develop agreements for secondary water sources, establish an irrigation scheduling program so that all agricultural land in Yolo County receives water needed and all water is not used at one particular time.
Responsible Office:	Yolo County Planning and Public Works, Yolo County Office of Emergency Services, Yolo County Agricultural Commissioner, Yolo County, Yolo County Flood Control & Water Conservation District
Partners:	County Departments and Agencies; Cities of Davis, West Sacramento, Winters and Woodland; Yolo County Housing; Special Districts; Yocha Dehe Wintun Nation
Potential Funding:	Hazard Mitigation Grant Programs; Homeland Security Grant Programs; Emergency Management Performance Grant Program; other funding as available
Cost Estimate:	Approximately \$75,000 for the complete Countywide planning effort
Benefits: (Losses Avoided)	Emergency planning for Drought will help reduce loss of water supply, provide criteria and set policy for use of water during drought conditions and increase community awareness and planning
Hazards Addressed:	Drought

Mitigation Action #8 YOA

Action:	Non-Structural and Structural Earthquake Mitigation Outreach Program
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	Existing structures can be retrofitted to better withstand damage from seismic events. By educating home and business owners about structural and non-structural retrofit techniques by teaching them how to seismically strengthen their homes and business locations can be an effective mitigation tool. Development of an outreach program to secure furnishings, storage cabinets and utilities to prevent injuries and damages, such as anchoring, installing lathes, using flexible connections on gas and water lines, and bracing propane tanks and water heaters.
Responsible Office:	Yolo County Planning and Public Works, Yolo County Office of Emergency Services,
Partners:	County Departments and Agencies; Cities of Davis, West Sacramento, Winters and Woodland; Yolo County Housing; Special Districts; Yocha Dehe Wintun Nation
Potential Funding:	Hazard Mitigation Grant Programs; other funding as available
Cost Estimate:	\$100,000
Benefits: (Losses Avoided)	Increase in population knowledge of structural and non-structural mitigation activities needed to mitigate the affects of those hazards
Hazards Addressed:	Earthquake

Mitigation Action #9 YOA

Action:	Flood Contingency Map GIS Based Planning
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	The Unincorporated areas of Knights Landing and Dunnigan in Yolo County would like to complete local flood contingency and GIS based maps and associated documents to provide effective flood emergency action plans. Individual plans/maps will be developed for distinct areas identified as benefiting from joint, integrated, local flood response operations. FEMA mapping guides will be used. Completed flood emergency action plans/maps will be integrated into Operational Area multi-hazard emergency plans and information systems. Planning objectives are to 1) improve efficiency of field flood fight and public safety operations, 2) meet AB156 and SB5 requirements, and 3) provide a sound basis for other specific preparedness and mitigation projects.
Responsible Office:	Yolo County Planning and Public Works, Yolo County Office of Emergency Services, Yolo County, Yolo County Flood Control & Water Conservation District; RD 108
Partners:	County Departments and Agencies; Sutter, Colusa and Butte Counties
Potential Funding:	CA Department of Water Resources Grant Program; other funding as available
Cost Estimate:	Approximately \$200,000 for the complete planning effort
Benefits: (Losses Avoided)	Flood Contingency Mapping and planning will help local government mitigate the flood emergency prior to the actual flood itself, and potentially saving lives, property and the environment
Hazards Addressed:	Flooding

Mitigation Action #10 YOA

Action:	Promote Flood Insurance
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	This CRS activity credits communities that take an active role in encouraging residents and businesses to purchase and maintain adequate flood insurance coverage. It credits a four-step process that allows communities to assess their own needs and receive credit for improving their coverage.
Responsible Office:	Yolo County Planning and Public Works, Yolo County Office of Emergency Services
Partners:	County Administrative Office-Public Information Officer
Potential Funding:	Hazard Mitigation Grant Program
Cost Estimate:	Minimal Staff time \$2000 - \$8,000
Benefits: (Losses Avoided)	Property Protection during a flood event
Hazards Addressed:	Flooding

Mitigation Action #11 YOA

Action:	Winter Weather Preparedness Campaign
Jurisdiction:	Yolo County
Priority:	High
Issue/Background:	Severe Winter Weather and Flooding is a priority hazard in Yolo County. A public awareness and disaster preparedness specifically geared to Winter Weather Preparedness with an emphasis on flooding and severe weather has not been done in many years. This is a program that will target all residents in Yolo County in the fall months.
Responsible Office:	County Administrative Office-Public Information Officer
Partners:	Office of Emergency Services, other County Departments and Agencies
Potential Funding:	Hazard Mitigation Grant Program; Homeland Security Grant Program; other funding as available
Cost Estimate:	\$100,000
Benefits: (Losses Avoided)	Increase in population knowledge of severe weather and flood hazards and activities needed to mitigate the effects of those hazards
Hazards Addressed:	Severe Weather; Flooding

Mitigation Action #12 YOA

Action:	Reducing Wildfire Risk Maintenance Program
Jurisdiction:	Yolo County Fire Districts
Priority:	High
Issue/Background:	Fire fuel reduction mitigation measures in the local responsibility areas within unincorporated Yolo County is critical to control the fire fuels on and near both public and private lands. Actions of the program will consist of debris clearance, fire hydrant testing, arson prevention and cleanup of abandoned structures, power line tree trimming and maintenance and safe access for fire apparatus to wildland/urban interface (WUI) area neighborhoods and properties
Responsible Office:	Yolo County Fire Districts
Partners:	Office of Emergency Services, other County Departments and Agencies
Potential Funding:	FEMA grant funding as available
Cost Estimate:	Approximately \$100,000 – \$150,000
Benefits: (Losses Avoided)	Potential loss of numerous homes and structures from the uncontrolled spread of wildfire
Hazards Addressed:	Fire