



**NOTICE OF A MEETING OF THE
PUBLIC SAFETY COMMITTEE
OF THE VILLAGE OF VOLENTE, TEXAS
WEDNESDAY, MAY 13, 2015 at 9:00 A.M.
City Hall, 16100 Wharf Cove, Volente, Texas.**

Notice is hereby given that the Public Safety Committee of the Village of Volente will hold a meeting at 9:00 A.M. Wednesday, the 13th day of May, 2015 in the Council Chambers at City Hall, 16100 Wharf Cove, Volente, TX at which time the following items will be discussed, to wit:

1. Open Regular Meeting.
2. Call Roll.
3. Approval of the Minutes for March 15, 2015.
4. Presentation and Discussion on becoming a Fire Wise Community.
 - a. Presentation from Will Boettner, P.G., EMT, Mitigation and Prevention Wild Land Urban Interface Specialist
 - b. Question and Answer
5. Discussion and Possible Action on Recommendations to Council on development of a Fire Wise Community.
6. Discussion and Possible Action on Recommendations to Council for the Scheduling of Law Enforcement for the remainder of the 2014 to 2015 Fiscal Year.
7. Discussion and Possible Action on Recommendation to Council regarding the Emergency Management Plan.
 - a. Review of the Draft.
8. Discussion and Possible Action on the Texas Colorado River Floodplain Management Association FEMA Hazard Mitigation Plan.
 - a. Staff Presentation.
9. Discussion and Approval of Next Meeting Date.
10. Adjourn.

IT IS HEREBY CERTIFIED that the above Agenda was posted on the bulletin board at the Village Offices and the Volente Fire Department Bulletin Board on this 6th day of May, 2015.

Julia Vicars, City Secretary

The Village of Volente is committed to the compliance with the American with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. A quorum of the City Council, Board of Adjustments or Planning and Zoning Commission may be in attendance at this meeting however, no official action by the City Council, Board of Adjustments or Planning and Zoning Commission shall be taken.

1 Meeting Minutes for the
2 Public Safety Committee
3 Of the Village of Volente,
4 Held Wednesday, April 15, 2015 at
5 City Hall 16100 Wharf Cove, Volente, Texas 78641
6

7
8 A. Items Opening Meeting
9

10 1. Call to Order

11 Council Member Babs Yarbrough called the meeting to order at 09:06 a.m.

12
13
14 2. Roll Call

15 City Administrator Barbara Wilson called roll. The following Committee Members were present:

16 Council Member Babs Yarbrough, Jan Yenawine, Walter Groman via phone, Chris Wilder,

17 Rett Scudder, and Nancy Carufel.

18 3. Citizens Comments

19 a. None.
20

21 B. General Business and Action Items

- 22 1. Rett Scudder made a motion Seconded by Jan Yenawine to approve the meeting
23 minutes from March 11, 2015. The motion carried with all voting for approval except
24 Nancy Carufel who abstained.
25
- 26 2. Staff gave a presentation and an update on the Texas Colorado River Floodplain
27 Management Association.
28 a. The Committee would in the future like to consider for the FEMA Mitigation Plan to consider
29 joining in the Travis County FEMA Mitigation Plan
30
- 31 3. Staff gave a presentation update on CAPCOG Emergency Alerting and LPA system and
32 Training for Volente. CAPCOG still working with new vendor Code Red and training the primary
33 people. They will be getting back to us sometime this summer.
34
- 35 4. Committee worked on the Draft Modified Plan from the Village of Briarcliff. Committee gave
36 their suggestions and edits and instructed staff to meet with Fire Chief Walter Groman and come
37 back to the next meeting with 2dn for review. Rett made the motion and Nancy seconded. Vote
38 carried unanimously.
39
- 40 5. Council Member Yarbrough gave an update of the block captains' project. She is working with
41 Council Member Kristi Belote and Judy Barrick to come up with neighborhoods and suggested
42 persons.
43
- 44 6. Meeting date set for next Month 2nd Wednesday May 13th. Motion made by Jan Yenawine
45 seconded by Chris Wilder. Motion Passed unanimously.

46 Meeting adjourned at 10.40 AM. Chris Wilder made the motion and Rett Scudder seconded the
47 motion. Motion passed unanimously.
48

49 **PASSED AND APPROVED THIS ___ ' DAY OF _____, 2015**

50 _____

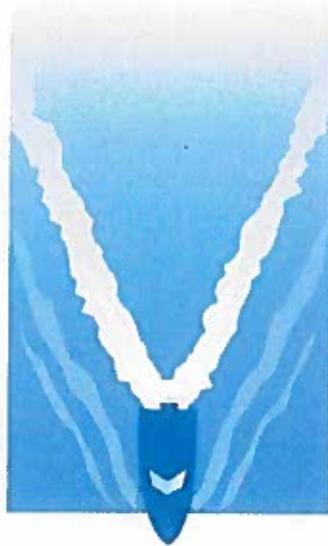
51 **Chair Babs Yarbrough**

52 **ATTEST:**

53 Barbara Wilson
54 City Administrator
55 Acting City Secretary
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**DRAFT EMERGENCY RESPONSE PLAN
VILLAGE OF VOLENTE, TEXAS
2015**



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DRAFT EMERGENCY RESPONSE PLAN
VILLAGE OF VOLENTE, TEXAS
2015

68

69 **I. Overview**

70 **A. Purpose**

71 The purpose of this document is to establish an emergency
72 response plan for the Village of Volente, Texas (hereinafter
73 called Volente) for three specific hazards, wildfire, severe
74 storms including tornadoes, and flood. Each of these hazards
75 involves a “community” response including evacuation or
76 sheltering in place.

77 **B. Scope**

78 The scope of the emergency response plan for the Village of
79 Volente is to establish a prepared response to the hazards of
80 wildfire, flood, and severe windstorm, ice storms in Volente.
81 The plan does NOT include response to localized emergencies
82 normally handled by fire, police, or other available emergency
83 response personnel and not requiring action by a broad section
84 of residents.

85 **C. Regulatory Requirements**

86 There are no regulatory requirements in existence for the
87 format or content of this document, however, the document will
88 be reviewed by the Travis County Emergency Management
89 Agency and the Volente Fire Department prior to approval by
90 the Village Council. Any comments from those agencies will be
91 incorporated, or provided to the Village Council for
92 consideration prior to approval.

93 **D. Village of Volente Profile**

94 Volente is located in Travis County approximately 12 miles west
95 of Austin on the north eastern shore of Lake Travis. The
96 community of Volente was initially developed in the 1930 & 40s
97 with further development in the 60’s and 70’s with over 15 miles
98 of paved road. The Village of Volente covers approximately
99 1,280 acres of which about 115 acres are occupied by privately
100 owned businesses. The majority of the privately owned
101 acreage consists of four marinas, beach club, boat repair, and

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102 two office complexes. The Village of Volente was incorporated
103 in 2003. The Village of Volente encompasses 2 square miles
104 with two major roadways, Lime Creek Rd and FM 2769. These
105 two roadways leave only two points of ingress and egress to
106 the Village of Volente. Lake Travis lies to the north and east of
107 the Village. The northern side of Volente adjoins Barton Creek
108 Preserve property where there is no access by road. Lime
109 Creek Road forms the northern ingress and egress of Volente
110 and eventually intersects with Anderson Mill Rd. outside the
111 corporate boundaries of Volente. FM 2769 forms the southern
112 ingress and egress of Volente and eventually intersects with
113 both Anderson Mill Rd and Bullock Hollow Rd outside of the
114 corporate boundaries of Volente. Volente is primarily accessed
115 FM 2769. Anderson Mill Road provides access to both FM 620
116 and FM 1431. Bullock Hollow provides access to FM 620 and
117 FM 2222. Ingress or egress to Volente can be made only from
118 FM 2769 or Lime Creek Rd or by water from Lake Travis.

119 1. The Village of Volente is primarily a residential community
120 consisting of 336 single family homes, 3 multiple family units
121 and twelve commercial lots occupied by marinas, two
122 restaurants, a water amusement park, office building, boat
123 repair facility, construction yard, boat dry dock storage, RV
124 rental park and a large parking lot and storage area. Most
125 of the commercial enterprises are located in the center
126 section of the Village as well as City Hall at the intersection
127 of Lime Creek Rd. and FM 2769. There is a north and south
128 entrance into this section of the Village each well marked.

129 2. The northern section of the Village, can be accessed from
130 Lime Creek Rd. There are 227 single family lots, and two
131 marinas, one office building, and a large parking lot in this
132 section of the Village. The portion which borders Lake
133 Travis entertains both marinas and single family units used
134 frequently by summer renters, both short and long term.

135 3. The southern section of the Village, can be accessed from
136 FM 2769. There are 398 single family lots, and two marinas,
137 two governmental office buildings, two restaurants,
138 construction lot, marina repair business, water amusement

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139 park, dry dock boat storage and the Volente Fire Station in
140 this section of the Village. The portion which borders Lake
141 Travis entertains both marinas and single family units used
142 frequently by summer renters, both short and long term.

143 4. Growth in Volente is limited primarily to single family
144 homes. Volente has approximately 625 single family lots.
145 Approximately 336 of these are currently occupied.
146 Additional homes in Volente are built at a rate of 6 units per
147 year in good economic times to a low of one unit per year
148 when the economy is down. There are currently no specific
149 plans for additional commercial development in the Village.
150 There are no plans to expand the geographic area of the
151 Village.

152 5. Emergency Response is managed in Volente by a Volente
153 Public Safety Committee and Mayor, Travis County Sheriff's
154 Department, and the Texas Department of Public Safety
155 (State Police). Fire and medical emergencies are handled
156 by the Volente Fire Department, a paid fire department,
157 located immediately at the Fire Station located at 15406 FM
158 2769, Volente Texas. The Travis County Emergency
159 Management Agency provides coordination for community
160 wide emergencies.

161

162 **II. Village of Volente Hazards**

163 **A. Wildfire**

164 The primary hazard in Volente is wildfire. Central Texas,
165 including Volente, experiences drought conditions, sometimes
166 severe, on a cyclical basis and is subject to medium to strong
167 winds. The country side consists of scrub brush, live oak,
168 mesquite, and primarily cedar. Cedar burns and spreads easily
169 and is the primary growth in the hills which surround Volente on
170 three sides. It is also prevalent within Volente particularly on
171 undeveloped lots and areas that are not buildable. Housing
172 construction in Volente is almost exclusively frame. Most roofs
173 are composition shingled. Roads are of the narrow residential
174 type and do not in themselves constitute firebreaks in any

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175 significant wind conditions. Residential lots vary from less than
176 an acre, to 5 acres or more, treed, and landscaped with various
177 types of vegetation. Drought conditions can result in water
178 restrictions which leave the vegetation in yards in a very dry
179 condition. These conditions create an environment where a
180 wind blown fire could envelope much or all of the community.
181 Immediately to the north of Volente behind the residential
182 homes lies the 9.7 square miles (28,000 acres) of the Balcones
183 Canyonlands Preserve. The Preserve is left in its natural
184 condition as a conservation area for endangered flora and
185 fauna. Wild fire is an expected occurrence. The Preserve is
186 patrolled, but fires, even when prohibited, do occur. Winds
187 from the north or northeast would immediately threaten Volente
188 were a wildfire to develop in the Preserve. A wildfire developing
189 to the east of Volente between RR 620 and Anderson Mill Rd.
190 would cause the greatest threat to Volente since it would
191 potentially shut off the primary means of egress from the area.
192 Wildfires have occurred immediately to the east of Volente in
193 2011 and on the border of the east/north/east side of Volente in
194 2010. Other than the 2010 wildfire which touched some lots, no
195 wildfires have occurred within Volente in the past 25 years, but
196 the risk remains real and of significant possibility in drought
197 conditions and the consequences catastrophic with a threat to
198 life and property.

199 **B. Severe Storms**

200 The second most probable hazard in Volente is severe storms
201 including hail, ice storm, shear wind, or tornado. These
202 conditions are not uncommon to Central Texas and present a
203 threat to all Texas communities in this area. Volente has not
204 been impacted directly by a tornado since it's incorporation but
205 has suffered localized damage from hail and shear winds. Ice
206 storms have present more of an ingress and egress problem for
207 ice on the low water crossing, and hazardous road conditions
208 for driving. While central Texas, including Volente, does not set
209 in the "tornado alley" more common to areas in north central
210 Texas the threat is real and continuing if at a somewhat lower
211 probability for tornados. A direct strike by a high shear wind or

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212 a tornado touchdown would have high consequence including
213 potential loss of life and widespread property damage.

214 **C. Flood**

215 The final area of threat for Volente is flood. While the Volente
216 area is subject to cyclical drought, it is also subject to isolated
217 flash flooding. Texas is noted for severe rainstorms that deliver
218 multiple inches of rain in a short period of time. These severe
219 rains “run off” the hills toward Lake Travis. This causes
220 flooding at low water crossings at the bottom of the basin.
221 These crossing are located just outside the entrance to Volente
222 on FM 2769, the low water bridge on Bullock Hollow, and the
223 low water crossing on FM 2769 in front of Twin Creeks Hall.
224 The flooding at these low water crossings can cut off access to
225 properties in the west, north, and south central section of
226 Volente to the intersection of Lime Creek Rd. Isolated flash
227 flooding on certain spots along Lime Creek Rd. and FM 2769
228 also occur and tend to be of short duration. These can cause
229 minor delays in ingress and egress. Concurrent with flooding
230 issues caused by run-off to the lake, Lake Travis itself rises
231 rapidly during these sustained severe storms. Historically Lake
232 Travis has caused minor flooding to some homes on lakeside
233 frontage of Volente, when major rain events occur. Flooding
234 that covers the Marinas’ parking lots is not uncommon but
235 results in little or no property damage in most cases. The
236 probability of these events is high, but the consequence low
237 given adequate communication. The threat of flood must also
238 include the possible failure of one of the Highland Lakes LCRA
239 Dams that supply Lake Travis. A failure of any of the upper
240 Highland Lakes dams when these lakes are full could result in a
241 release that might endanger lives and homes adjacent to or
242 below these dams. Failure of one or more dams would result in
243 an event of high consequence due to danger of loss of life and
244 property damage. However, based on flood plain assessment,
245 and historical experience, only ? houses are subject to flood
246 damage due to run-off or lake rise. These houses are identified.

247 **D. Other Hazards**

248 While the threat of explosion of propane gas tanks, overturn
249 and release of gas by propane delivery vehicles, or traffic

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250 accidents on Lime Creek Road or FM 2769 by vehicles carrying
251 hazardous materials exists, the probability of occurrence is low,
252 the impact localized, and the response handled by the fire
253 department, or law enforcement from the county or state
254 without wide community impact. Events such as these will NOT
255 be included in the emergency response plan unless they
256 escalate to one of the three named hazards.
257

258 **III. Emergency Response Organization**

259 **A. The Emergency Operations Center**

260 The Emergency Operations Center for Volente will be located in
261 the conference room of the Volente Fire Department Station, at
262 15406 FM 2769.

263 **B. Emergency Responders and Volunteers**

264 **1. Law Enforcement**

265 Adequate law enforcement resources are available.
266 These multiple resources have experience with
267 coordinating and establishing Command and Control
268 through the State and County Emergency Operations
269 Centers. Response time for law enforcement responders
270 for traffic control in the event of wildfire threatening
271 Volente are problematic and present a threat to orderly
272 evacuation. There is little doubt that evacuation of
273 Volente would begin prior to law enforcement resources
274 arriving to help at critical intersections. These roadways
275 include the northern and southern ingress and egress of
276 Volente, Lime Creek Rd., and most of FM 2769. The
277 Travis County Sheriff Officer that is on duty for Western
278 Travis County, and the probability of other resources
279 being immediately available is low. This issue presents
280 the highest element of risk in this emergency response
281 plan. Volente law enforcement and evacuation resources
282 include:
283

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- 284 a) Mayor or his designee
- 285 b) Volente Volunteer Public Safety Block Captains
- 286 c) Travis County Sheriff Department
- 287 d) Texas Department of Public Safety
- 288

289 2. Fire including Emergency Medical

290 Volente Fire Station located inside the incorporated limits
291 of Volente will normally be the first responder for fire and
292 emergency medical needs. This fire station has in-place
293 agreements with county and local municipal resources for
294 assistance as required. These resources are coordinated
295 through the Travis County Emergency Management
296 Agency. Adequate resources exist for fire and medical
297 response and response time would be immediate.

298

299 3. Volente Emergency Response Management Advisory Team
300 (VMAT)

- 301 a) Volente Director of Emergency Response
302 Management Advisory Team (VDMAT)

303 The elected Mayor of Volente will be the designated
304 Director of Emergency Response unless the mayor
305 formally names an alternate. The VDMAT will be
306 responsible for initiating response actions of the
307 VMAT in consultation with the Chief or the Chief's
308 designee of the Volente Fire Department, and for
309 directing the activities of the Volente Management
310 Advisory Team. The DMAT will report to the EOC.
311 The VDMAT will gather data from the Volente
312 Scene Control Officer (VSCO), Volente
313 communication (VCOM) officer(s), Law

314

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315 Enforcement, Fire, and County Emergency
316 Management and ensure every means possible is
317 taken to ensure Volente and visitors are informed as
318 events unfold. The VDMAT will direct the VSCO and
319 his/her resources in the event of an evacuation.

320 b) Volente Scene Control Officer (VSCO)

321 The Volente Scene Control Officer (VSCO) is
322 responsible for directing actions taken by Volente
323 volunteers in the field, if any, and for observing and
324 reporting on conditions in the field. The VSCO will
325 report directly to the VDMAT in the EOC by cell
326 phone or radio. The VSCO may assume the duties
327 of VIAs, and both assess and communicate
328 conditions to the VDMAT.

329 c) Volente Communications Officer (VCOMO)

330 The VDMAT will direct the communication officers
331 to specific liaison functions: Fire, Police, Volente
332 residents, Volente city officials or employees,
333 Volente emergency response personnel, and
334 media. A single communication officer may have
335 multiple assignments. The Volente Management
336 Advisory Team will include two (2) persons
337 designated as communication officers. One
338 communications officer will have the responsibility
339 for preparing any written statements to be released
340 as "official" statements from Volente. Only the
341 VDMAT may approve final release. Note, based on
342 community interest this group may be expanded to
343 up to four (4) individuals.

344 d) Volente Incident Assessment Volunteers (VIA)

345 VIA volunteers designated by the Public Safety
346 Committee will be the eyes and ears of the VSCO in
347 the field. They will be stationed at critical points of
348 egress and ingress from Volente in the case of
349 evacuation or flood, and at points of professional

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350 response activity in the event of damage by storm.
351 They will report their observations to the VSCO, by
352 cell phone or radio. Within Volente, but not at
353 intersections with public roads, they may direct
354 traffic in the event of flood or evacuation, if and as
355 directed by the VSCO. Their primary duty will be
356 notification of residents, head counts for evacuation
357 and incident assessment. There will be a maximum
358 of 10 VIA volunteers.
359

360 **IV. Notification and Mobilization**

361 **A. Notification to Management Advisory Team**

362 The Mayor will rely on reports from the Fire Chief, or his
363 designee, the Travis County Sheriff Office, Travis County
364 Emergency Management, residents, and local media to
365 determine when to activate the Emergency Response Plan.
366 Notification to members of the Volente Management Advisory
367 Team will take place by phone or text or radio. The Mayor, or
368 his designee, who will be Volente Director of the Management
369 Advisory Team will notify all Volente Emergency Management
370 Team Members to report to their designated locations, The
371 Mayor on arriving at the EOC will notify the fire chief and the
372 Travis County EOC that the Volente Emergency Management
373 Plan has been activated and that the Volente Management
374 Advisory Team will be at the EOC. The Mayor will pre-
375 designate an alternate person, and delegate the responsibility
376 for notification in the event that the Mayor is not available. This
377 delegation will be in writing with the concurrence of the Village
378 Council. Normally, activation for wildfire will occur as soon as
379 the potential threat is recognized. Activation for severe storm
380 or tornado will normally occur only if damage within Volente is
381 imminent, or has occurred. Activation for flood will normally
382 occur as flooding is identified within Volente at low water
383 crossings. However, notification and activation is the
384 prerogative of the mayor and may be done at any point he/she
385 deems it appropriate.

386 **B. Notification of outside responders**

387 Notification of outside responders will be managed by their
388 normal protocols and will not be a responsibility of the VMAT.

389 **C. Notification of Volente Residents**

390 Residents will be notified through TV, Radio, reverse 911, VIA
391 volunteers and a Volente electronic bulletin. Volente has no
392 siren, autodial or other means of broad scale notification to its
393 residents.
394

395 **V. Protective Actions**

396 **A. Protective Action Decision**

397 The two protective actions available to Volente residents are
398 shelter in place or evacuation. If the fire department, sheriffs
399 department, Department of Public Safety, or County or State
400 Emergency Management Agencies determine and announce a
401 protective action, that decision will automatically be accepted
402 and supported by the Volente Management Advisory Team. If
403 there is no direction from professional response organizations,
404 the Volente Director of the Emergency Management Advisory
405 Team will have the authority to recommend an independent
406 protective action decision subject to the approval of county fire
407 and law enforcement personnel. No protective action can be
408 ordered without concurrence of county fire and police since
409 their resources will be impacted.
410

411 **VI. Emergency Response Operations**

412 **A. Evacuation**

413 In the event of evacuation of Volente for any hazard,
414 evacuation will occur as detailed in the Appendix to this
415 document. The Evacuation Map will be provided to all Volente
416 residents, and is included on the Volente Website. Volente
417 residents are noted for their independence. The outlined
418 evacuation routes are the "recommended" routes for evacuation
419 and should become the primary routes of evacuation for the
420 large majority of our citizens. Orderly evacuation in the event

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421 of wildfire is critical to safety of Volente citizens and the Village
422 Council and the Home Owners Associations will work to
423 educate the citizens of Volente to respect the plan as
424 developed. The Village of Volente does not have the resources
425 to enforce these routes using traffic control personnel or fixed
426 barriers such as saw horses. Some deviation should be
427 expected to occur. Traffic Control by the State or County law
428 enforcement at the two exits to Volente will be critical to
429 success.

430
431 When a flood is imminent based on heavy rains or possible
432 dam failure, and/or when flood conditions are identified at the
433 low water crossings, residents of each of the ? homes which
434 could be involved will be notified of the possibility of flood, the
435 current situation as indicated by water at the low water
436 crossings, and if possible the locations of isolated flash flooding
437 on the roadways, and/or weather reports by professional
438 weather personnel. We will encourage Home Owners subject to
439 lake flooding to sign up for notifications from LCRA. The
440 Volente Emergency Management Advisory Team, may
441 recommend evacuation, but will not order evacuation unless
442 that action is initiated by professional fire, law enforcement, or
443 Travis County Emergency Management Personnel.

444 **B. Shelter in Place**

445
446 Volente homes, like almost all in Texas are slab built. Few, if
447 any, have formal storm shelters. Most, if not all citizens of
448 Volente, have determined the most secure location within their
449 homes as storm shelters. Many homes have a floor below
450 grade level because of the topography of Volente. These may
451 provide a slightly higher than normal level of protection
452 depending on construction. Volente residents have experience
453 with shelter-in-place for severe storms and will react
454 appropriately given warning.

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461 **VII. Emergency Management**

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The Operation Plan outlined in the remaining section of this plan outline the actions to be taken in the event of a declared emergency. Since Volente has limited resources the focus of the response effort will be to provide a clear means of communication to and from emergency responders, and to community members. Information becomes critical to decision makers when an emergency initiates. The primary function of the Volente Emergency Management Advisory Team is to provide clear and current information to responders and the community in an organized fashion.

474

475

476

Specific actions are outlined below for each identified position on the Volente Emergency Management Advisory Team.

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478 **A. Volente Director of The Emergency Management Advisory**
479 **Team (VDMAT)**

- 480 1. Determine if the Volente Emergency Management Advisory
481 Team (VDMAT) should be activated based on local
482 conditions.
- 483 2. Notify the Communications Officers, to convene at
484 Emergency Operations Center (EOC), the conference room
485 of the Volente Fire Department, immediately.
- 486 3. Activate the Volente Scene Control Officer and Volente
487 Incident Assessment Team Members and assign them to
488 locations as appropriate.
- 489 4. Report to the EOC.
- 490 5. Ensure you have cell phone.
- 491
- 492 6. Ensure you have key to supply cabinet and access code to
493 Fire Department.
- 494 7. Notify the Fire Chief that the Volente Emergency
495 Management Advisory Team is being activated.
- 496 8. Get contact names and numbers for fire, rescue, Travis
497 County EOC, and, if possible, for police.
- 498 9. Receive briefing from Fire Chief or his designee on current
499 conditions, activations, response actions.
- 500 10. Open the VMAT supply packet stored at the EOC.
- 501 11. Ensure all VMAT personnel log in.
- 502 12. Ensure all VMAT personnel have cell phones and create a
503 list of cell phone numbers for each responder in the EOC
504 and the field.
- 505 13. Notify the VSCO and Volente Incident Assessment Team
506 Members of activation and assigned initial locations.

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508 14. Establish points of contact for the Communications Officers

509 a) Fire Contact

510 b) Police contact, State Police, County Sheriff

511 c) Travis County EOC

512 d) Media, with pre-approved outlets and email
513 addresses. These contacts would be used to
514 ensure media is helping with notification to Volente
515 residents.

516 15. Ensure one of the communication officers begin a log of
517 events beginning with activation.

518 16. Brief VMAT team members when they arrive.

519 17. Ensure Communications Officers establish communication with
520 points of contact.

521 18. Determine if VSCO and VIAs are at assigned points.

522 a) In the event of wildfire the VSCO should be
523 assigned to the Volente Firehouse and from there
524 under direction from the VDMAT and/or Fire Chief
525 or his designee to a location as needed in Volente.
526 One VIA should be assigned to the City Hall at the
527 intersection of Lime Creek and Wharf Cove in
528 Volente. The second VIA should be assigned to
529 the intersection of Lime Creek Rd and West Drive.
530 Any additional VIAs should be held in reserve at
531 the Firehouse entrance and assigned as needed
532 to trouble spots.

533

534 b) In the event of storm damage the VSCO should be
535 assigned to a location near the area of maximum
536 damage. VIAs should be assigned to areas of

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VILLAGE OF VOLENTE, TEXAS
2015

537 lesser damage. The VSCO should make VIA
538 assignments based on the situation.

539 c) In the event of flood the VSCO should be assigned
540 to areas of greatest impact, and VIAs to areas of
541 secondary impact. The VSCO should assign VIAs
542 based on circumstances.

543 d) In any situation VIAs initial assignments can be
544 changed by the VSCO based on reports to the
545 VEMAT and feedback to the VSCO, or by
546 observations of the VSCO. If the traffic situation
547 allows, VIAs can be assigned to roaming
548 observations as long as the area to be covered is
549 defined by the VSCO.

550 e) The VDMAT should be informed of any change to
551 VIA locations.

552 19. Ensure you have cell numbers for VSCO, VIAs.

553 20. Receive reports from VSCO on a continuing basis.

554 21. Keep VSCO informed of key events from briefings by fire,
555 police or other professional responders.

556 22. Maintain log of calls made to and received from the VSCO.
557 Report of times made and received is critical. Critical
558 information received or provided should also be included in
559 abbreviated fashion.

560 23. Relocate VSCO as required by events.

561 24. Recommend relocation of VIAs as required by events.

562 25. Ensure VSCO is reminding VIAs of safety issues, and that they
563 are not placed in danger. Terminate VSCO and VIAs if danger is
564 imminent. Receive notification of event termination.

565 26. Brief VMAT team members periodically on input from VSCO.

566 27. If significant information is provided, ensure VCOMO officers
567 brief professional responder points of contact.

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- 568 28. Ensure VMAT log is being kept up to date.
- 569 29. If VCOMO officers receive situation reports or significant
570 information from points of contact, receive report.
- 571 30. Ensure information is passed to all team members.
- 572 31. If contact is made by media, ensure that all statements are
573 approved by the Director. All contact by, and communication
574 with media must be recorded. It is advisable only to release
575 written statements developed by a Communication Officer.
- 576 32. Continue to receive and pass information from VSCO, VIAs,
577 and Communications Officers throughout incident.
- 578 33. Ensure a log is maintained throughout incident.
- 579 34. Determine when VMAT should be terminated.
- 580 35. Notify members that VMAT is being terminated.
- 581 36. Ensure VSCO and VIA members are notified of termination.
- 582 37. Ensure log is recorded and saved.
- 583 38. Ensure all notes or written materials are saved.
- 584 39. Ensure unused materials are returned to the supply folder,
585 that an inventory is done of supplies, and that a list of items
586 to be replaced is developed.
- 587 40. Terminate event.
- 588 41. When logical assemble all members of the VMAT including
589 VSCO and VIAs for after action review.
- 590 42. Note areas of concern.
- 591 43. Develop recommendations for improvement as required.
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2015

597

598 **B. Volente Communications Officers (VCOMO)**

- 599 1. Receive notification that the VMAT is being
600 activated.
- 601 2. Report to the EOC, conference room of Volente Fire
602 Department.
- 603 3. Ensure you have cell phone, radio and means of
604 transportation.
- 605 4. If possible, ensure that you have laptop, Ipad, or
606 other electronic communications device.
- 607 5. Log in.
- 608 6. Receive briefing from the VDMAT.
- 609 7. Receive assignment(s) from VDMAT.
- 610 8. Establish contact with assigned points of contact.
- 611 9. Establish who you are and that you will be POC for
612 Volente community.
- 613 10. If available, provide situation update.
- 614 11. Establish means and frequency of contact. This will
615 normally be by phone, radio if possible, but in some
616 cases POC may be in the fire station and personal
617 contact possible. In some cases, contact may be
618 possible only by radio....in which case, advise
619 Director that access to radio needs to be worked out
620 if possible. Phone is the preferred means of
621 communication. This step may take a little detective
622 work, but is critical.
- 623 12. If assigned contact with the community, develop a
624 message using the Volente Notes indicating the
625 activation of the VMAT. **ALL MESSAGES MUST BE**

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**APPROVED BY THE DIRECTOR PRIOR TO
RELEASE!**

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a) Message should indicate means of contact with the VMAT. Email is preferred. Provide email address. Ensure computer to monitor messages is up and running prior to release.

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b) If phone, this should be a dedicated phone used only for the purpose of receiving incoming calls. If possible, phone should be a back-up to email if it is used at all.

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c) If two means of communication with community are used, ensure someone is assigned as PRIMARY duty to monitor each one. Normally VCOMO assigned to community will monitor email which should be primary.

641

13 Monitor incoming messages and respond.

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d) Care must be taken to not over promise. If you are unsure of response contact Director prior to response.

645

b. If critical situation, advise Director immediately

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646 c. Ensure all contacts are logged, or if email saved to
647 the hard drive.

648 14. If assigned media, prepare a release stating
649 activation of the Volente Emergency Management Team.
650 Include location of EOC and an email address. **NO**
651 **RELEASE TO THE MEDIA can be made without review**
652 **and approval by the Director.**

653 e) Receive approval by Director in writing for release.
654 (or ensure that approval is noted on event log).

655 f) Identify media for release (TV and major radio
656 stations). Release by email.

657 15. Release notice.

658 16. Monitor incoming email.

659 a. Respond as appropriate, but not prior to
660 review and approval by Director or
661 his/her designee.

662 b. Prepare and release formal "all media"
663 updates as directed.

664 c. If members of the media should appear
665 at the EOC, direct them to the Director
666 unless the Director delegates this
667 responsibility.

668 d. Ensure all contacts are logged, including
669 the media source, the person contacted
670 if appropriate, the time, and specifically
671 what information was provided.

672 e. Maintain copies of all formal releases on
673 hard drive.

674

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675

676 **C. Administrative Support**

677

1. Receive notice of activation from the VDMAT.

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2. Report to the VDMAT at the EOC at the Volente Fire
679 Department.

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3. Provide administrative support as needed to the VDMAT.

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705 **D. Volente Scene Control Officer (VSCO)**

- 706 1. Receive notice of activation from VDMAT.
- 707 2. Report to assigned location.
- 708 3. Ensure you have cell phone and radio.
- 709 4. Ensure you have cell phone numbers of VIAs.
- 710 5. Ensure you have vest.
- 711 6. Notify VDMAT of arrival at assigned location.
- 712 7. Notify VDMAT of VIAs arrival at assigned locations.
- 713 8. Receive briefing from VIAs.
- 714 9. Brief VDMAT on observations of VSCO and VIAs.
- 715 10. Brief VDMAT on observations.
- 716 At a minimum, once every thirty minutes
- 717 Whenever conditions change significantly
- 718 11. Receive briefing from VDMAT on conditions.
- 719 12. Inform VIAs on changes in conditions.
- 720 13. As needed reassign VIAs locations to ensure safety
721 or provide better observations.
- 722 14. On a continuing basis, ensure VIAs are safe.
- 723 15. If danger threatens inform VDMAT that you are
724 dismissing or relocating VIAs.
- 725 16. Dismiss or relocate VIAs as needed to ensure
726 safety.
- 727 17. Receive notice of event termination, or termination
728 of observations.

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18. Notify VIAs of termination.

730

19. When logical, meet with VIAs for after action review,
prior to VMAT review.

731

732

a) Identify opportunity for improvement, or things that
worked.

733

734

b) Make recommendations as appropriate.

735

20. Meet with VMAT for scheduled debrief and present
issues.

736

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738 **E. Volente Incident Assessment (VIA) Team Members**

- 739 1. Receive notice of VMAT activation and assigned
740 location from VSCO or VDMAT.
- 741 2. Report to assigned location.
- 742 3. Ensure you have cell phone and radio and that they
743 are operational.
- 744 4. Ensure you have the cell phone number of VSCO,
745 other VIAs
- 746 5. Ensure you have your vest
- 747 6. Notify VSCO you are on scene
- 748 7. Observe conditions and report to VSCO.
- 749 a) At minimum once every fifteen minutes.
- 750 b) Any time a significant change in conditions occurs.
- 751 c) At any point where you are reassigned and arrive
752 at a new location
- 753 d) At any time you feel your position puts you in any
754 type of danger
- 755 8. Receive reports on conditions from
756 VSCO....normally on same call as report in.
- 757 9. As appropriate, recommend changes in location to
758 provide better information to VSCO. NOTE: Do not
759 change position without approval of VSCO.
- 760 10. If ordered to abandon position and terminate
761 observations, report to VSCO when you are in a
762 safe position.
- 763 11. Receive notice of event terminated.

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12. Attend after action review with VSCO and VMAT as scheduled.

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2015

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768 **VIII. Appendix**

769 **A. *Evacuation Map***

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Guiding Principle:

To reduce or eliminate the long-term risks to loss of life and property damage in the participating communities in Travis County from the full range of disasters.

Goal 1 Protect public health and safety.

- Objective 1.1 Advise the public about health and safety precautions to guard against injury and loss of life from hazards.
- Objective 1.2 Maximize the utilization of the latest technology to provide adequate warning, communication, and mitigation of hazard events.
- Objective 1.3 Reduce the danger to, and enhance protection of, dangerous areas during hazard events.
- Objective 1.4 Protect critical facilities and services.

Goal 2 Protect existing and new properties.

- Objective 2.1 Reduce repetitive losses to the National Flood Insurance Program.
- Objective 2.2 Use the most cost-effective approaches to protect existing buildings and public infrastructure from hazards.
- Objective 2.3 Enact and enforce regulatory measures to ensure that development will not put people in harm's way or increase threats to existing properties.

Goal 3 Increase public understanding, support and demand for hazard mitigation.

- Objective 3.1 Heighten public awareness of the full range of natural hazards they face.
- Objective 3.2 Educate the public on actions they can take to prevent or reduce the loss of life or property from all hazards.
- Objective 3.3 Publicize and encourage the adoption of appropriate hazard mitigation measures.

Goal 4 Build and support local capacity and commitment to continuously become less vulnerable to hazards.

- Objective 4.1 Build and support local partnerships to continuously become less vulnerable to hazards.
- Objective 4.2 Build a cadre of committed volunteers to safeguard the community before, during, and after a disaster.
- Objective 4.3 Build hazard mitigation concerns into planning and budgeting processes.

Goal 5 Promote growth in a sustainable manner.

- Objective 5.1 Incorporate hazard mitigation into the long-range planning and development activities.
- Objective 5.2 Promote beneficial uses of hazardous areas while expanding open space and recreational opportunities.
- Objective 5.3 Utilize regulatory approaches to prevent creation of future hazards to life and property.

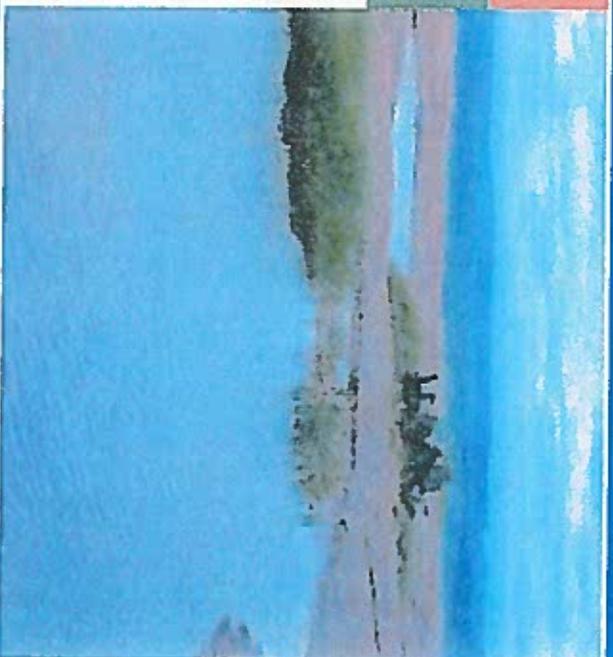
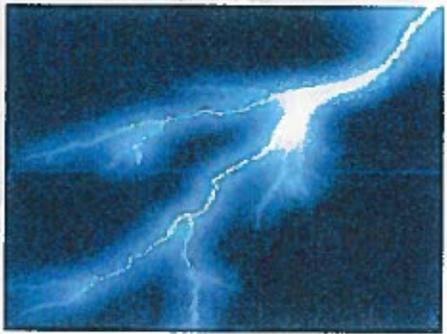
Goal 6 Maximize the resources for investment in hazard mitigation.

- Objective 6.1 Maximize the use of outside sources of funding.
- Objective 6.2 Maximize participation of property owners in protecting their properties.
- Objective 6.3 Maximize insurance coverage to provide financial protection against hazard events.
- Objective 6.4 Prioritize mitigation projects, based on cost-effectiveness and starting with those sites facing the greatest threat to life, health and property.



TEXAS COLORADO RIVER FLOODPLAIN COALITION

Blanco County and Participating Travis County Communities Hazard Mitigation Plan Updates Meeting 2 May 5, 2015



Welcome and Introductions

- TCRFC Executive Director
- Committee Members
- State Representatives
- FEMA Representatives
- Consultant Team Members
- Interested Community Representatives

REMINDER: Steering Committee Purpose and Responsibilities

- The Steering Committee members are:
 - The leaders in the development of this plan.
 - Representatives of participating communities (the greater Blanco and participating Travis County communities and sometimes specific “stakeholders”).
- The Steering Committee responsibilities are to:
 - Provide guidance regarding hazards pertinent to the communities overall, as well as within your specific community.
 - Carry information from these meetings to your community.
 - **Attend and actively participate in all committee meetings (approximately 3)**

Hazard Analysis

- Community Participation Survey (in packet)
- Hazard Analysis Review
- Hazard Ranking Exercise (in packet)

Anticipated Outcome: Rank Hazards for Each County.

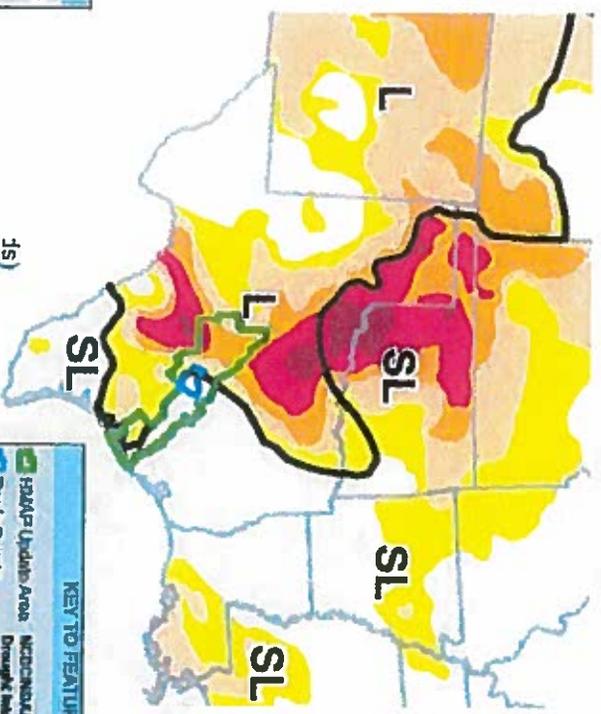
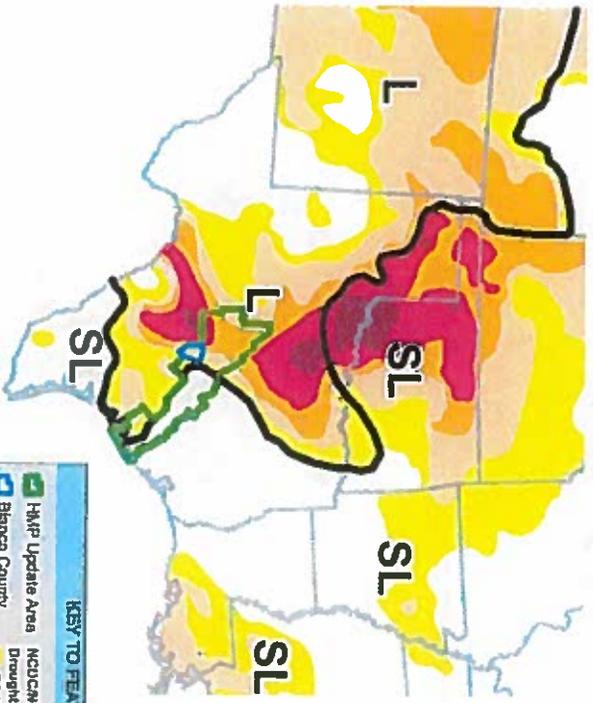
Community Participation Survey Results (to date)

Blanco County

0 Responses!

<https://www.surveymonkey.com/s/BlancoCountyHMPCommunitySurvey>

Drought and Extreme Temperatures



1.1 ISSUES

The following are extreme heat and drought-related issues:

- Identification and development of alternative water supplies
- Utilization of groundwater recharge techniques to stabilize the groundwater supply
- The probability of increased drought frequencies and durations due to climate change
- The promotion of active water conservation even during non-drought periods.
- Increasing vulnerability to drought over time as demand for water from different sectors increases.
- The effects of climate change may result in an increase in frequency of extreme heat events.
- The effects of recent droughts have exposed the vulnerability of the planning areas economy to drought events.

~ Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Wildfire

Blanco County Population within Wildfire Risk Areas

Community	Non-Burnable *	Very Low	Low	Moderate	High	Very High
Unincorporated Area	253	410	4,959	1,170	84	4
City of Johnson City	476	283	852	50	0	0
Total	729	693	5,811	1,220	84	4

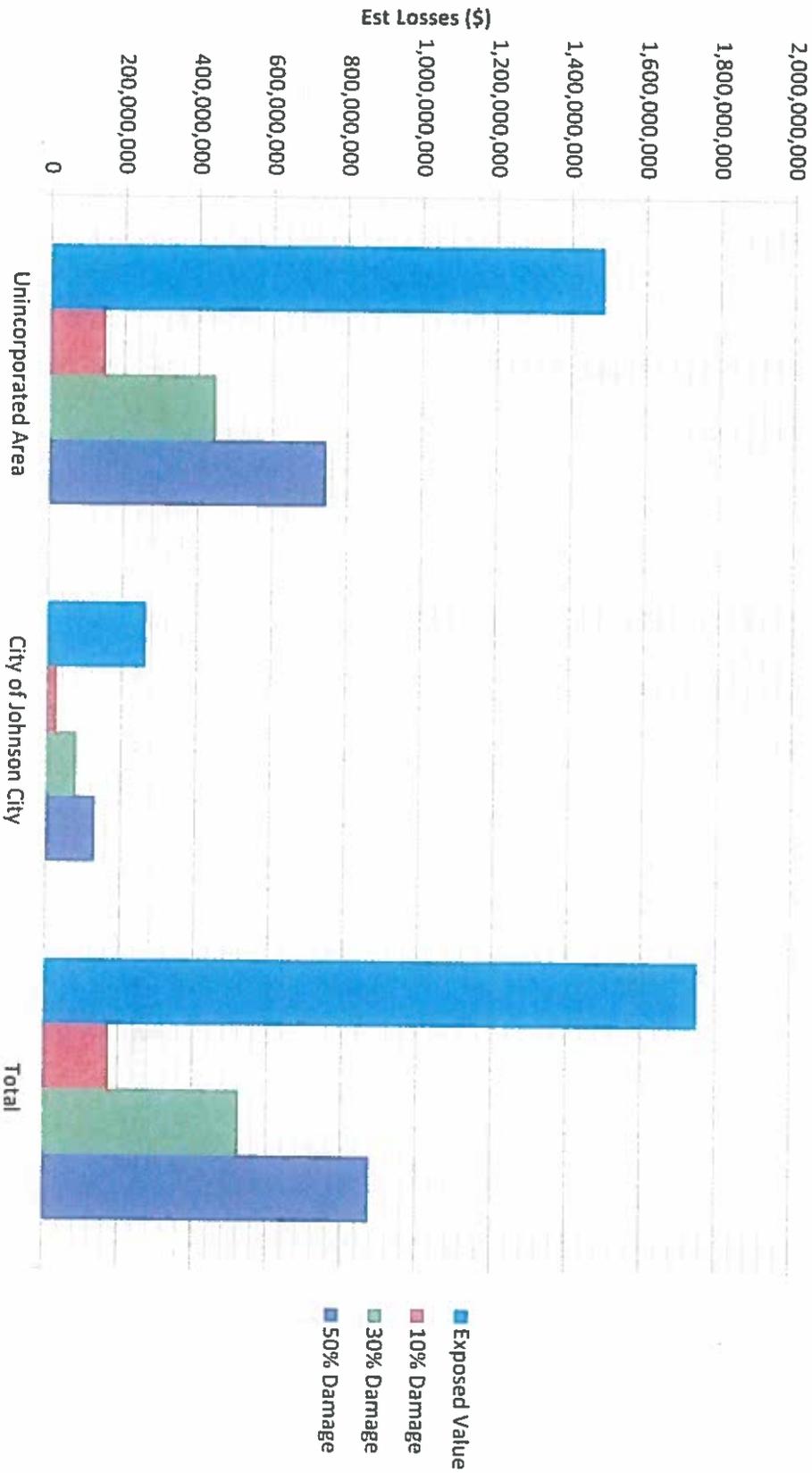
* Non-Burnable classification includes developed lands, non-burnable agricultural fields, perennial snow or ice, bare ground, and permanent water areas

Travis County Population within Wildfire Risk Areas

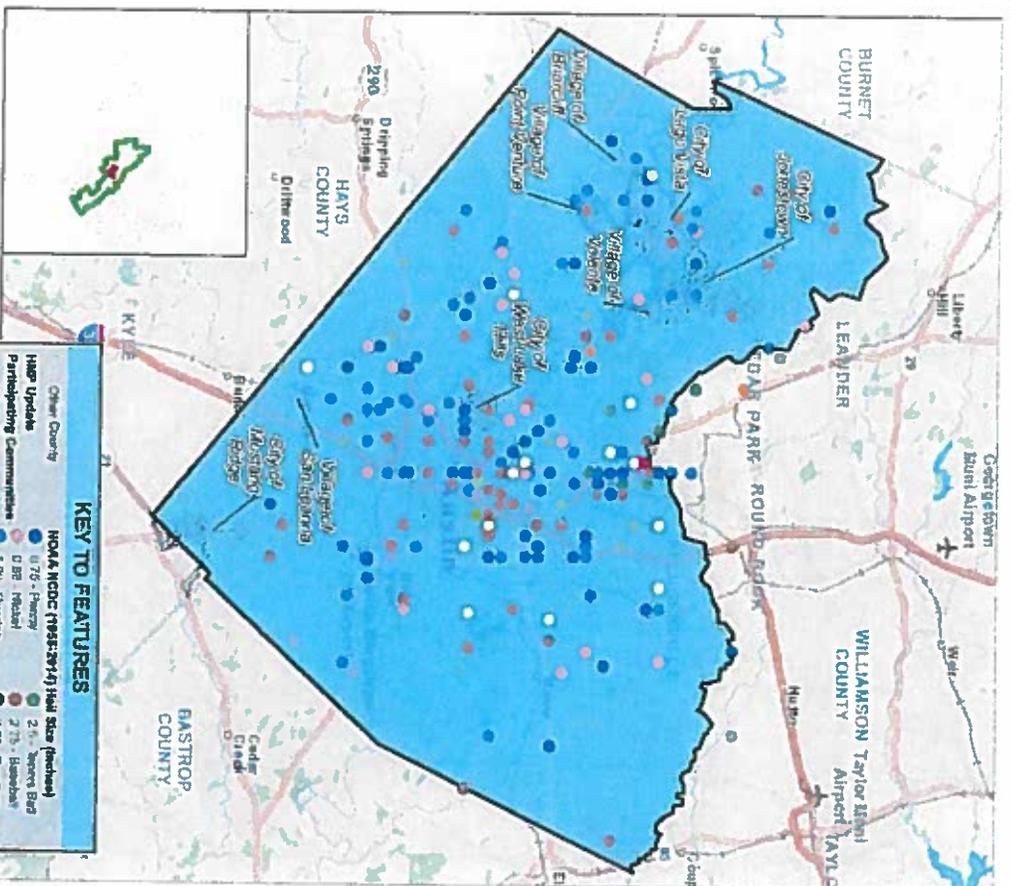
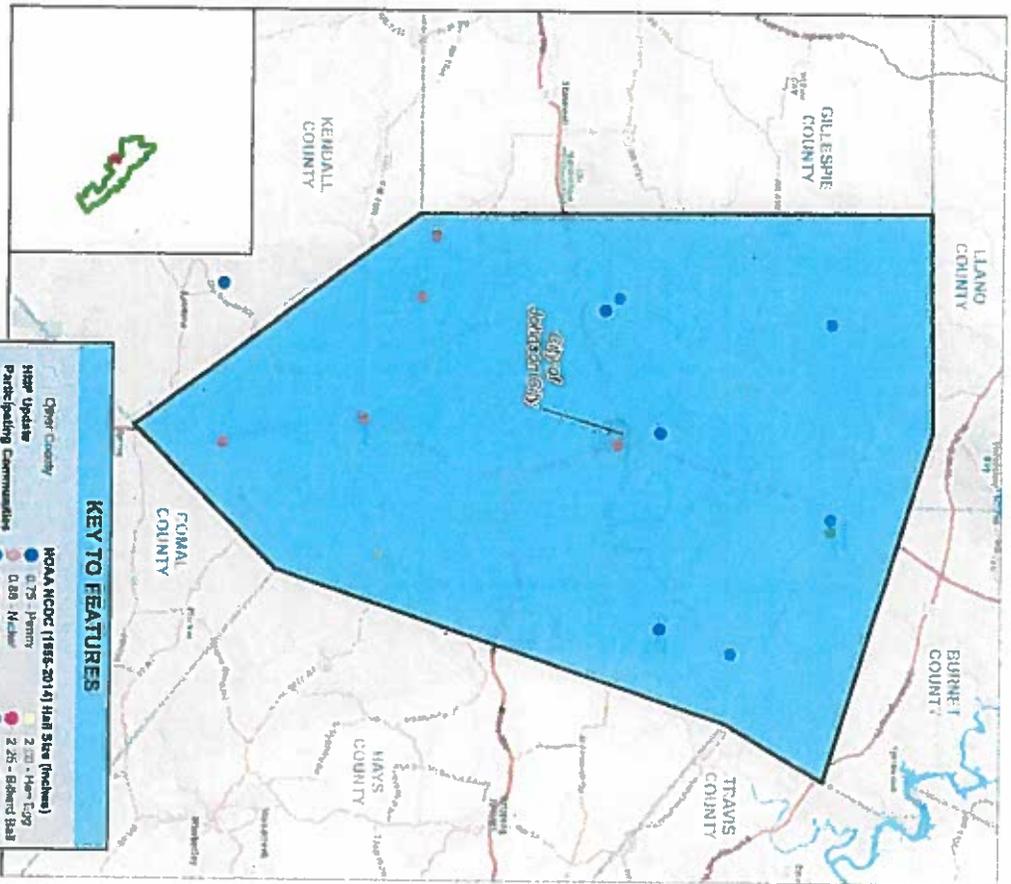
Community	Wildfire Risk Area					
	Non-Burnable	Very Low	Low	Moderate	High	Very High
City of Jonestown	772	685	250	149	0	0
City of Lago Vista	2,542	2,383	816	271	0	0
City of Mustang Ridge	92	0	722	38	2	0
City of West Lake Hills	1,139	1,643	132	161	0	0
Village of Barcliff	633	292	377	136	0	0
Village of Point Venture	390	221	84	106	0	0
Village of San Leanna	110	32	279	77	0	0
Village of Volente	158	253	100	10	0	0
Total	5,835	5,508	2,758	948	2	0

Wildfire

Blanco County Loss Estimates (\$) for Wildfire Event



Hail



Loss Estimates for Thunderstorm, High Wind, and Hail Events

Blanco County Loss Estimates for Thunderstorm, High Wind, and Hail Events

Community	Exposed Value	Estimated Loss Value (\$)		
		10% Damage	30% Damage	50% Damage
Unincorporated Area	1,487,131,510	148,713,151	446,139,453	743,565,755
City of Johnson City	263,313,880	26,331,388	78,994,164	131,656,940
Total	1,750,445,390	175,044,539	525,133,617	875,222,695

Travis County Loss Estimates for Thunderstorm, High Wind, and Hail Events

Community	Exposed Value	Estimated Loss Value		
		10% Damage	30% Damage	50% Damage
City of Jonestown	446,125,630	44,612,563	133,837,689	223,062,815
City of Lago Vista	1,413,549,020	141,354,902	424,064,706	706,774,510
City of Mustang Ridge	88,023,430	8,802,343	26,407,029	44,011,715
City of West Lake Hills	1,707,531,080	170,753,108	512,259,324	853,765,540
Village of Briarcliff	345,683,690	34,568,369	103,705,107	172,841,845
Village of Point Venture	255,119,220	25,511,922	76,535,766	127,559,610
Village of San Leanna	95,300,540	9,530,054	28,590,162	47,650,270
Village of Volente	180,973,050	18,097,305	54,291,915	90,486,525
Total	4,532,305,660	453,230,566	1,359,691,698	2,266,152,830

Flood

Blanco County Acreage in the 100-Year and the 500-Year Floodplains by Jurisdiction

Jurisdiction	Area (acres)	
	100-Year	500-Year
Unincorporated Area	16,661	22,771
City of Johnson City	113	114
Total	16,774	22,885

Travis County Acreage in the 100-Year and the 500-Year Floodplains by Jurisdiction

Jurisdiction	Area (acres)	
	100-Year	500-Year
City of Jonestown	1,233	1,332
City of Lago Vista	1,776	2,046
City of Mustang Ridge	125	125
City of West Lake Hills	68	85
Village of Briarcliff	175	225
Village of Point Venture	806	847
Village of San Leanna	13	22
Village of Volente	196	273
Total	4,393	4,955

2014

Flood

Blanco County Value of Structures in 100-Year Floodplain

Community	Value Exposed (\$)			% of Total Assessed Value
	Structure	Contents	Total	
Unincorporated Area	91,736,300	59,353,720	151,090,020	10.16
City of Johnson City	24,939,320	18,962,920	43,902,240	16.67
Total	116,675,620	78,316,640	194,992,260	11.14

* Other includes industrial, agricultural, religious, governmental, and educational classifications.

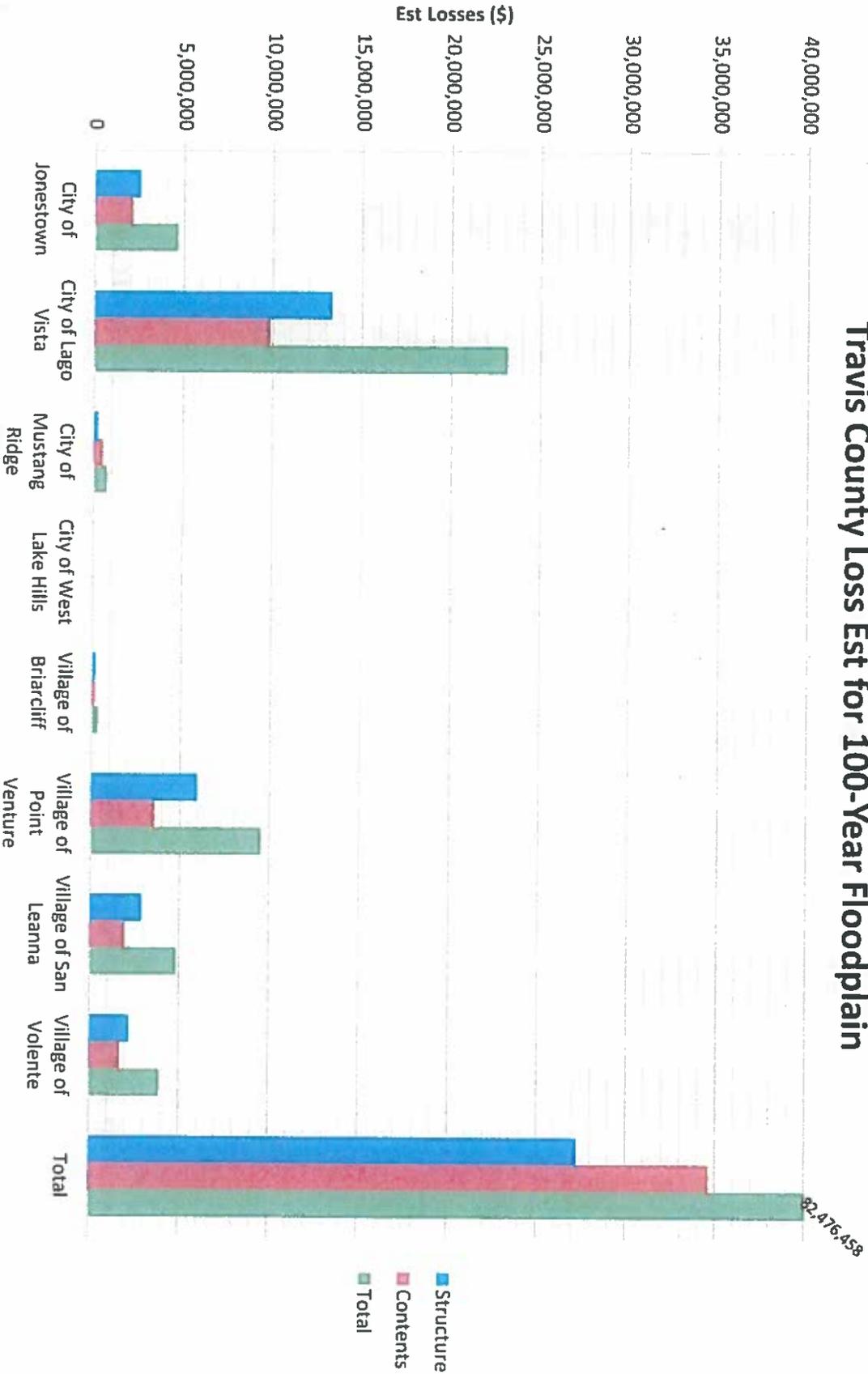
Travis County Value of Structures in 100-Year Floodplain

Community	Value Exposed (\$)			% of Total Assessed Value
	Structure	Contents	Total	
City of Jonestown	62,319,410	34,045,790	96,365,200	21.60
City of Lago Vista	175,602,270	110,207,820	285,810,090	20.22
City of Mustang Ridge	3,488,460	2,288,230	5,776,690	6.56
City of West Lake Hills	19,473,430	13,765,740	33,239,170	1.95
Village of Brarcliff	26,112,540	14,082,230	40,194,770	11.63
Village of Point Venture	50,855,730	26,173,340	77,029,070	30.19
Village of San Leanna	1,974,590	1,260,700	3,235,290	3.39
Village of Volente	27,128,510	14,679,330	41,807,840	23.10
Total	366,954,940	216,503,180	583,458,120	12.87

* Other includes industrial, agricultural, religious, governmental, and educational classifications.

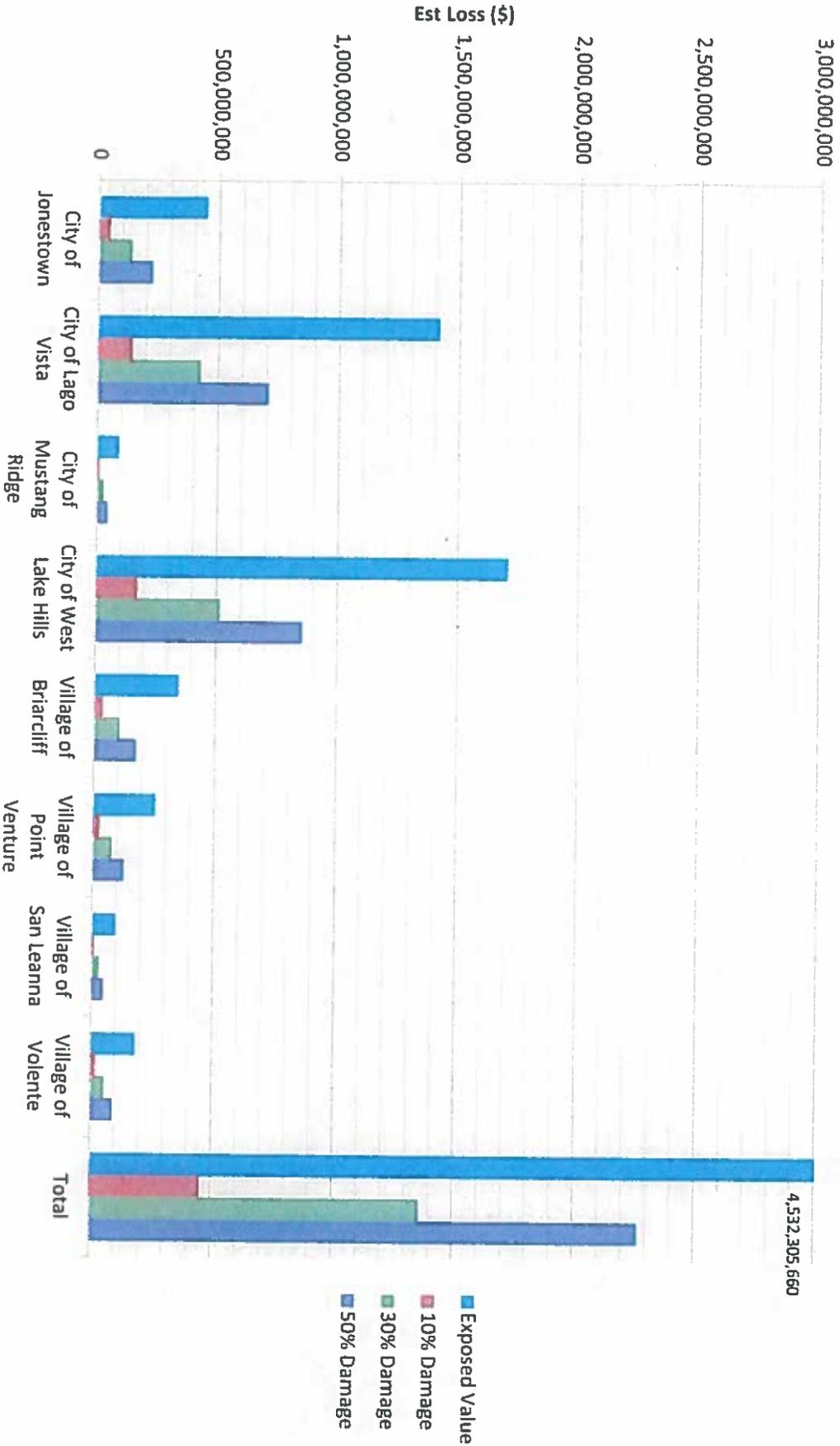
Flood

Travis County Loss Est for 100-Year Floodplain



Winter Weather

Travis County Loss Est for Severe Winter Weather Events



Dam & Levee Failure

High and Significant Hazard Dams in Blanco County

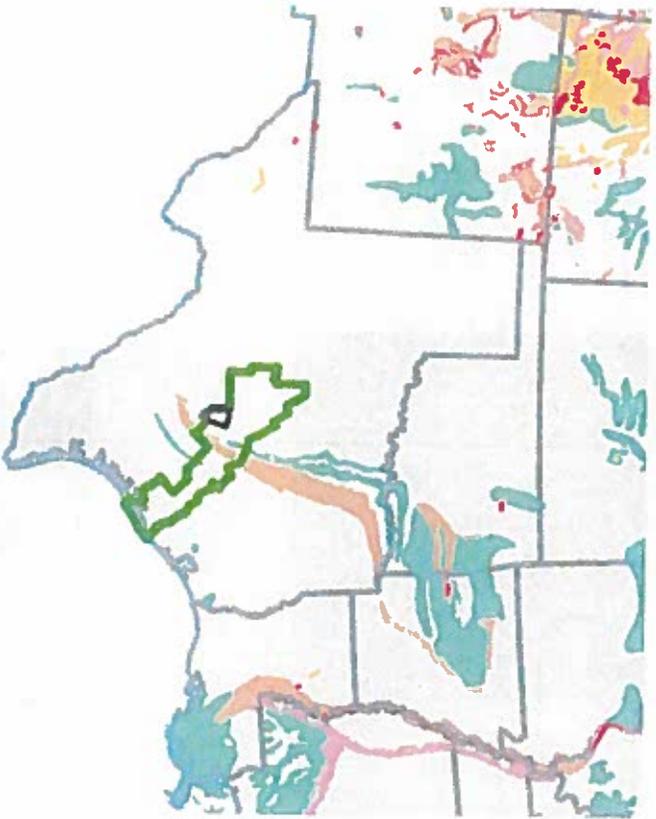
Name	Near City	Max Storage (Acre-Feet)	Hazard Class
Lake Johnson City Dam	Johnson City	1035	Standard
Town Creek Ws Scs Site 1 Dam	Johnson City	280	High

High and Significant Hazard Dams in Travis County

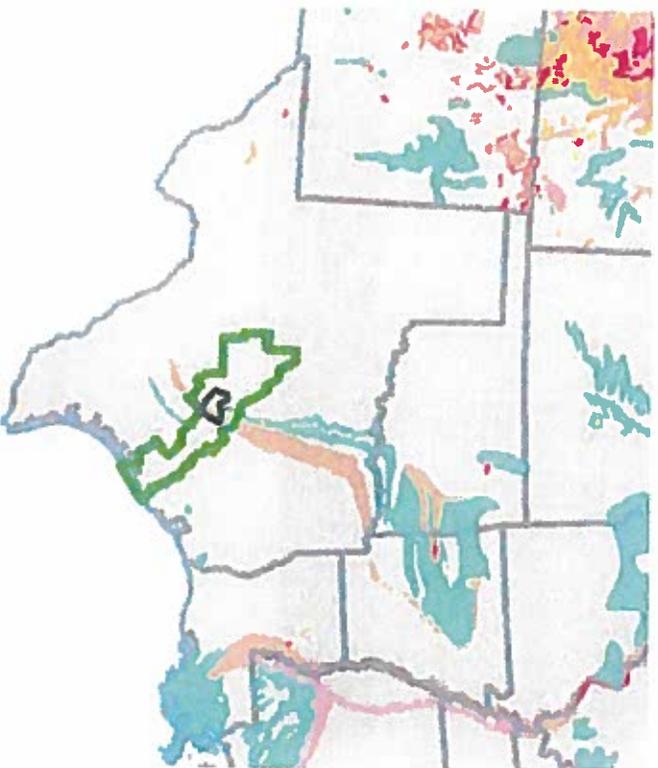
Name	Near City	Max Storage (Acre-Feet)	Hazard Class
Apache Lake Dam	Unincorporated Area	82	High
Arboretum Stormwater Detention Pond Dam	City of Austin	30	High
Bartholomew Detention Pond Dam	City of Austin	150	High
Briarcliff Dam No 2	Village of Briarcliff	15	Standard
Briarcliff Dam No 3	Village of Briarcliff	14	Standard
Cat Mountain North Dam 4	City of Austin	50	Standard
Circle C Ranch North Dam	City of Austin	448	High
Circle C Ranch South Dam	City of Austin	225	High
Clarence Washington Farm Dam	Unincorporated Area	52	Standard
Crystal Falls Golf Course Upper Dam	City of Leander	129	Standard
Decker Creek Dam	City of Austin	45,200	High
Dick Nichols Park Regional Stormwater Retention Facility Dam	City of Austin	300	Standard
Hidden Lake Dam	City of Austin	183	High
Longhorn Dam	City of Austin	6,850	Standard
Mansfield Dam	City of Austin	3,223,000	High
Moore Dam	City of Lakeway	36	Standard
Nameless Valley Ranch Dam No 1	Unincorporated Area	97	High
North Loop Detention Dam No 1	City of Austin	70	High
North Loop Detention Dam No 2	City of Austin	140	High
Sunset Valley Village Detention Pond Dam	City of Sunset Valley	35	Standard
Tom Miller Dam	City of Austin	73,100	High
Water Quality Pond Sp960112D	City of Austin	27	High
Wells Branch Mills Pond Dam	Unincorporated Area	70	High

Landslides

Blanco County



Travis County



Hazard Ranking Exercise

PLANNING AREA RISK RANKING

Blanco County of _____ Community
 RANKING FOR _____
 (please insert name)

Hazard	Probability of Occurrence	Impact on People	Impact on Property	Impact on Economy
Casual Trespass				
Downsloped Failure				
Fire				
Backdraft				
Expansive Soils				
Extreme Heat				
Flood				
Wild				
Hurricane and Tropical Storm				
Land Subsidence				
Landslide				
Thunderstorm				
Tornado				
Wildfire				
Wind				
Winter Weather				

Next Meeting – July 28, 2015

- Submittal of New Mitigations Actions
(Due: June 5)

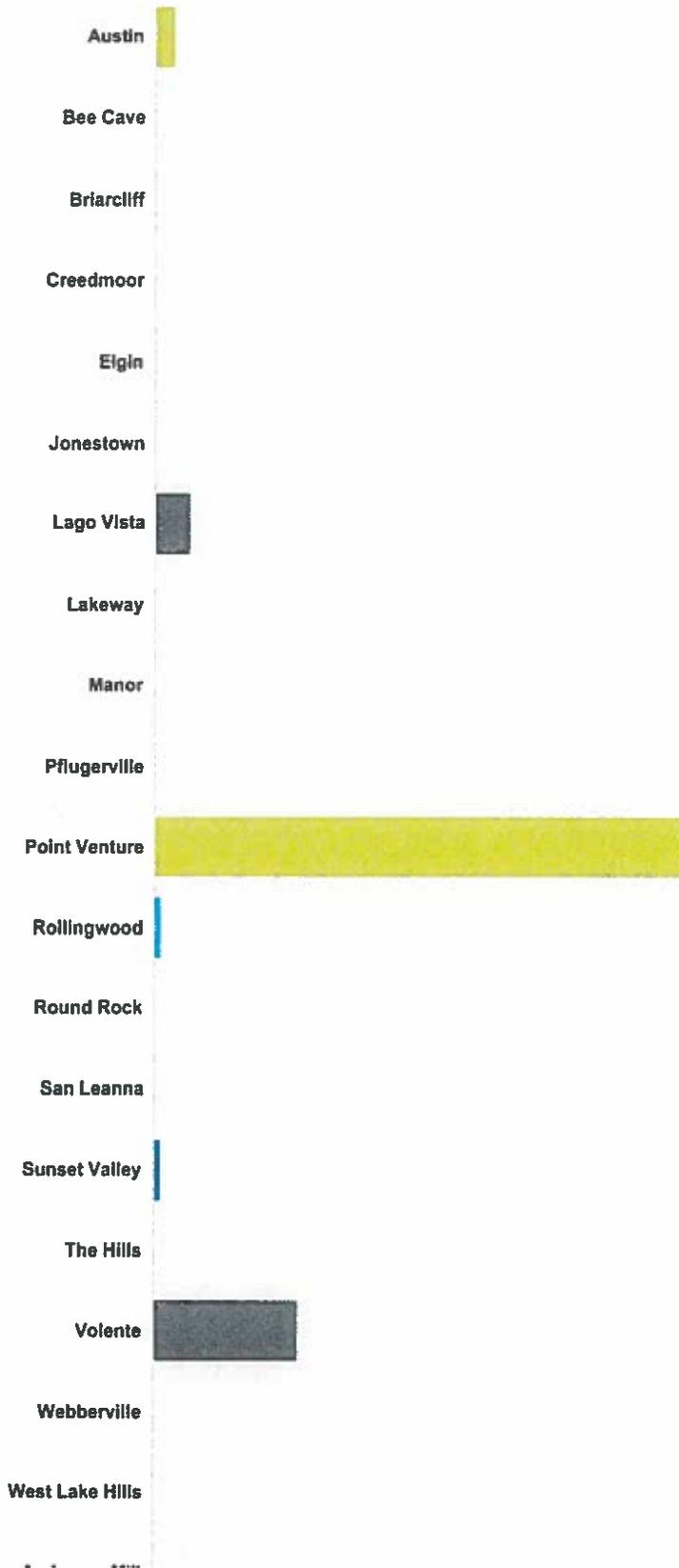
Remember: FEMA requires a minimum of 2 unique actions per community for each identified/profiled hazard

- Mitigation Actions Presentation/Discussion
- Mitigation Actions Ranking Exercise

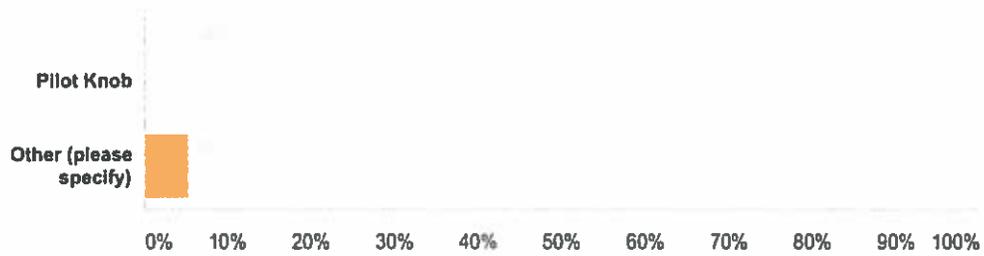
Travis County Communities TX HMP Update Survey

Q1 Where in Travis County do you live?

Answered: 116 Skipped: 0



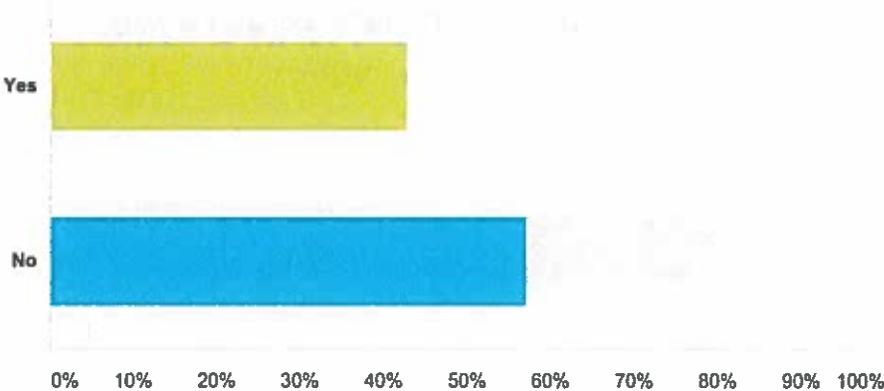
Travis County Communities TX HMP Update Survey



Answer Choices	Responses	Count
Austin	2.59%	3
Bee Cave	0.00%	0
Briarcliff	0.00%	0
Creedmoor	0.00%	0
Elgin	0.00%	0
Jonestown	0.00%	0
Lago Vista	4.31%	5
Lakeway	0.00%	0
Manor	0.00%	0
Pflugerville	0.00%	0
Point Venture	67.24%	78
Rollingwood	0.86%	1
Round Rock	0.00%	0
San Leanna	0.00%	0
Sunset Valley	0.86%	1
The Hills	0.00%	0
Volente	18.10%	21
Webberville	0.00%	0
West Lake Hills	0.00%	0
Anderson Mill	0.00%	0
Barton Creek	0.00%	0
Garfield	0.00%	0
Hudson Bend	0.00%	0
Jollyville	0.00%	0
Lost Creek	0.86%	1

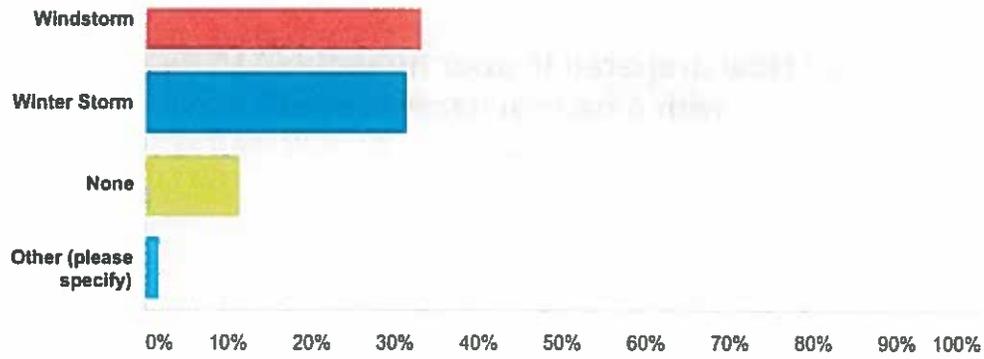
Q2 Do you work in Travis County?

Answered: 112 Skipped: 4



Answer Choices	Responses	
Yes	42.86%	48
No	57.14%	64
Total		112

Travis County Communities TX HMP Update Survey

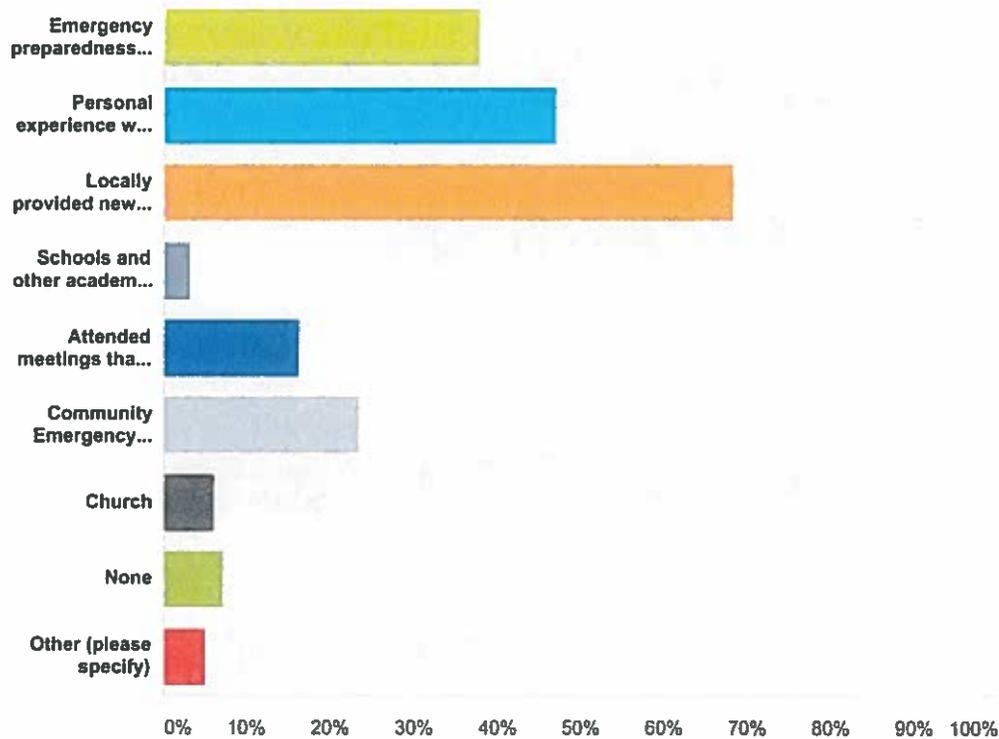


Answer Choices	Responses	
Dam Failure	0.00%	0
Drought	75.65%	87
Earthquake	1.74%	2
Expansive Soils	5.22%	6
Extreme Heat	52.17%	60
Flood	27.83%	32
Hail	53.04%	61
Hazardous Material Release	0.00%	0
Hurricane and Tropical Storm	6.96%	8
Land Subsidence	0.87%	1
Landslide	0.00%	0
Lightning	48.70%	56
Pipeline Failure	0.87%	1
Terrorism	0.00%	0
Thunderstorm	67.83%	78
Tornado	18.26%	21
Tsunami	0.00%	0
Wildfire	11.30%	13
Windstorm	33.04%	38
Winter Storm	31.30%	36
None	11.30%	13
Other (please specify)	1.74%	2
Total Respondents: 115		

Travis County Communities TX HMP Update Survey

Q5 Which of the following have provided you with useful information to help you be prepared for a natural hazard event? (Check all that apply)

Answered: 98 Skipped: 18

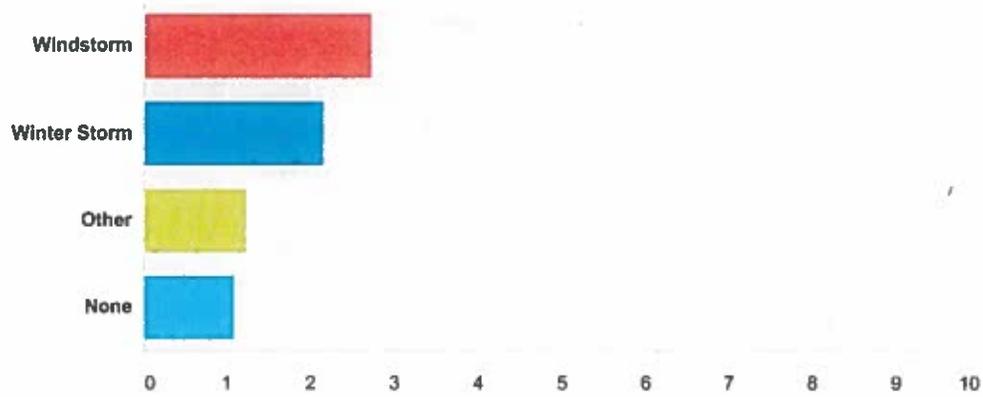


Answer Choices	Responses
Emergency preparedness information from a government source (e.g., federal, state, or local emergency management)	37.76% 37
Personal experience with one or more natural hazards/disasters	46.94% 46
Locally provided news or other media information	68.37% 67
Schools and other academic institutions	3.06% 3
Attended meetings that have dealt with disaster preparedness	16.33% 16
Community Emergency Response Training (CERT)	23.47% 23
Church	6.12% 6
None	7.14% 7
Other (please specify)	5.10% 5
Total Respondents: 98	

Travis County Communities TX HMP Update Survey

Identified utility shutoffs	55.56%	55
Sand bags	0.00%	0
Prepared a disaster supply kit	24.24%	24
Installed smoke detectors on each level of the house	86.87%	86
Stored food and water	38.38%	38
Stored flashlights and batteries	73.74%	73
Stored a battery-powered radio	39.39%	39
Stored a fire extinguisher	71.72%	71
Stored medical supplies (first aid kit, medications)	53.54%	53
Natural hazard insurance (Flood, Earthquake, Wildfire)	19.19%	19
None	3.03%	3
Other (please specify)	2.02%	2
Total Respondents: 99		

Travis County Communities TX HMP Update Survey

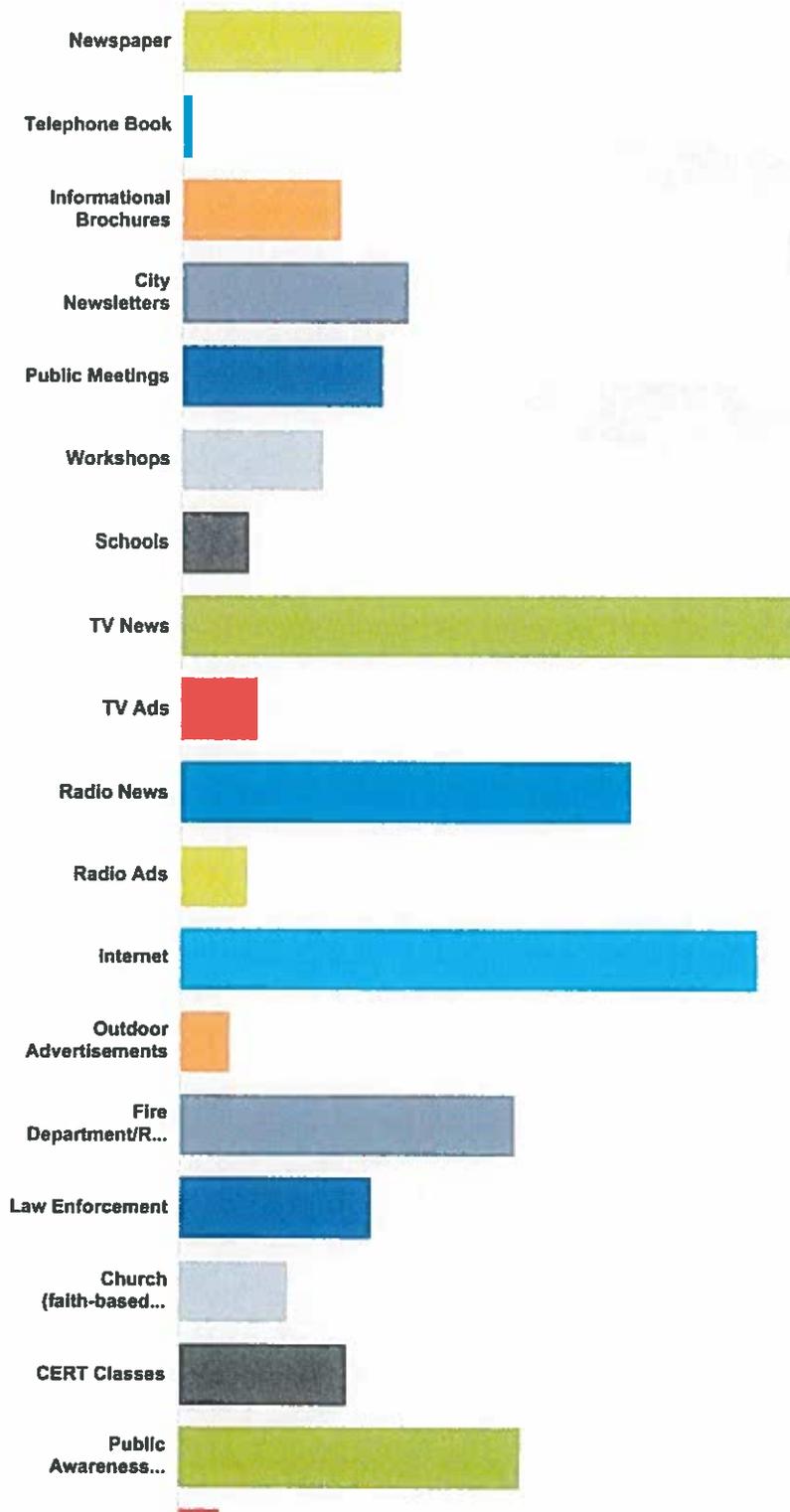


	Not Concerned	Somewhat Concerned	Concerned	Very Concerned	Extremely Concerned	Total	Weighted Average
Dam Failure	73.33% 66	23.33% 21	3.33% 3	0.00% 0	0.00% 0	90	1.30
Drought	5.26% 5	3.16% 3	13.68% 13	18.95% 18	58.95% 56	95	4.23
Earthquake	81.61% 71	12.64% 11	5.75% 5	0.00% 0	0.00% 0	87	1.24
Expansive Soils	51.65% 47	27.47% 25	12.09% 11	5.49% 5	3.30% 3	91	1.81
Extreme Heat	17.20% 16	15.05% 14	31.18% 29	15.05% 14	21.51% 20	93	3.09
Flood	34.83% 31	28.09% 25	22.47% 20	6.74% 6	7.87% 7	89	2.25
Hail	16.67% 16	19.79% 19	36.46% 35	17.71% 17	9.38% 9	96	2.83
Hazardous Material Release	43.18% 38	30.68% 27	15.91% 14	9.09% 8	1.14% 1	88	1.94
Hurricane and Tropical Storm	45.05% 41	37.36% 34	12.09% 11	3.30% 3	2.20% 2	91	1.80
Land Subsidence	60.23% 53	22.73% 20	11.36% 10	3.41% 3	2.27% 2	88	1.65
Landslide	72.41% 63	19.54% 17	8.05% 7	0.00% 0	0.00% 0	87	1.36
Lightning	13.98% 13	34.41% 32	29.03% 27	15.05% 14	7.53% 7	93	2.68
Pipeline Failure	59.09% 52	23.86% 21	15.91% 14	1.14% 1	0.00% 0	88	1.59
Terrorism	40.00% 36	27.78% 25	20.00% 18	5.56% 5	6.67% 6	90	2.11
Thunderstorm	16.30% 15	28.26% 26	31.52% 29	13.04% 12	10.87% 10	92	2.74
Tomado	13.98% 13	24.73% 23	34.41% 32	16.13% 15	10.75% 10	93	2.85

Travis County Communities TX HMP Update Survey

Q8 Which of the following methods do you think are most effective for providing hazard and disaster information? (Check all that apply)

Answered: 99 Skipped: 17



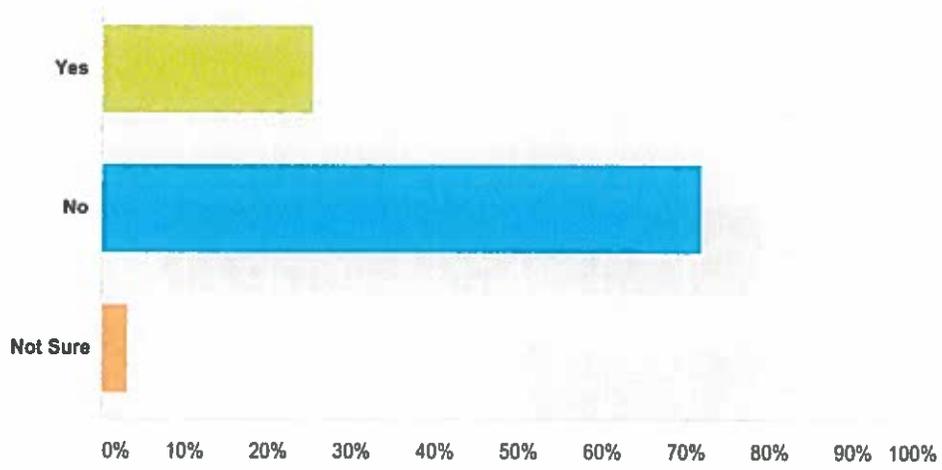
Travis County Communities TX HMP Update Survey

Law Enforcement	23.23%	23
Church (faith-based institutions)	13.13%	13
CERT Classes	20.20%	20
Public Awareness Campaign (e.g., Flood Awareness Week, Winter Storm Preparedness Month)	41.41%	41
Books	5.05%	5
Chamber of Commerce	9.09%	9
Academic Institutions	2.02%	2
Public Library	11.11%	11
Red Cross Information	19.19%	19
Community Safety Events	27.27%	27
Fair Booths	6.06%	6
Word of Mouth	28.28%	28
Social Media (Twitter, Facebook, Linkdin)	38.38%	38
Other (please specify)	3.03%	3
Total Respondents: 99		

Travis County Communities TX HMP Update Survey

Q10 Do you have flood insurance?

Answered: 99 Skipped: 17

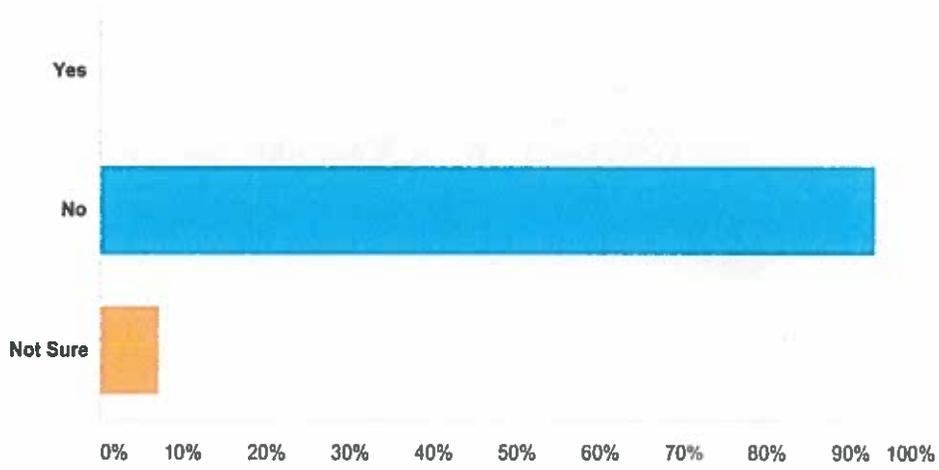


Answer Choices	Responses	
Yes	25.25%	25
No	71.72%	71
Not Sure	3.03%	3
Total		99

Travis County Communities TX HMP Update Survey

Q12 Do you have earthquake insurance?

Answered: 99 Skipped: 17

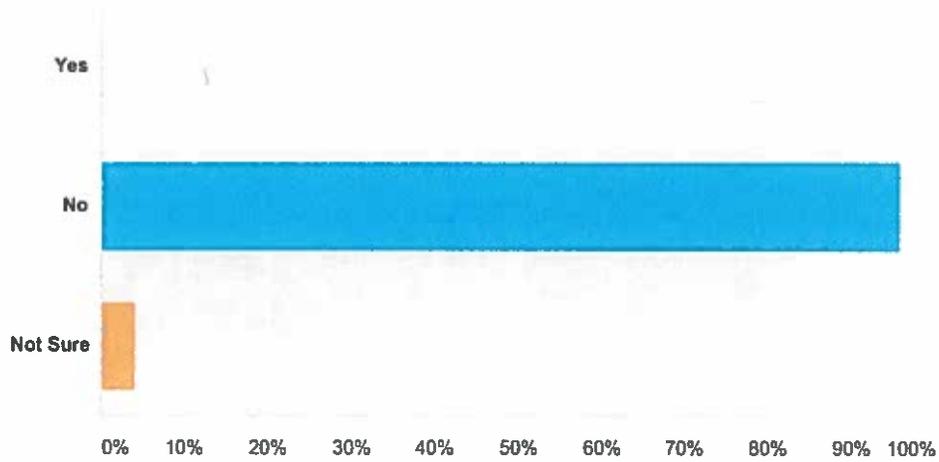


Answer Choices	Responses	
Yes	0.00%	0
No	92.93%	92
Not Sure	7.07%	7
Total		99

Travis County Communities TX HMP Update Survey

Q14 Have you ever had problems getting homeowners or renters insurance due to risks from natural hazards?

Answered: 96 Skipped: 20

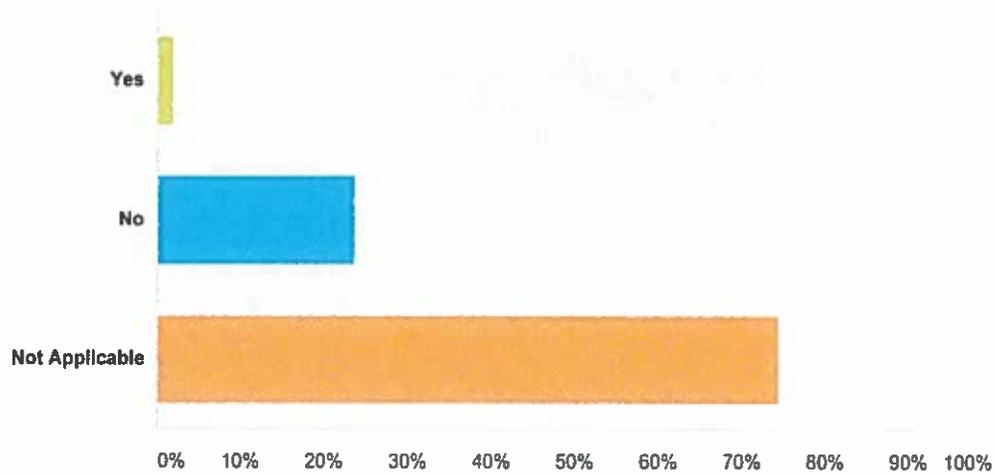


Answer Choices	Responses
Yes	0.00% 0
No	95.83% 92
Not Sure	4.17% 4
Total	96

Travis County Communities TX HMP Update Survey

Q16 If the answer to question # 15 was yes, would you like Emergency Management personnel to contact you regarding your access and functional needs? If yes, please enter your contact information in the following text box.

Answered: 51 Skipped: 65

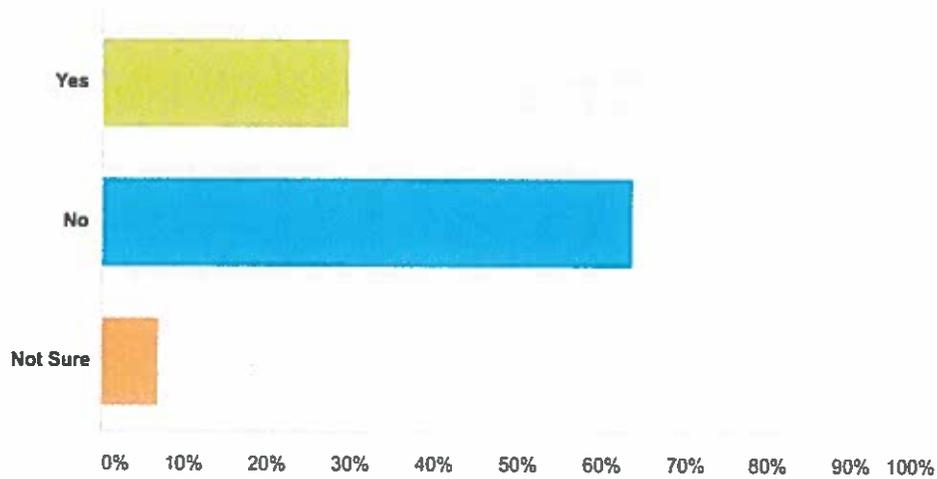


Answer Choices	Responses	
Yes	1.96%	1
No	23.53%	12
Not Applicable	74.51%	38
Total		51

Travis County Communities TX HMP Update Survey

Q18 Was the presence of a natural hazard risk zone (e.g., dam failure zone, flood zone, landslide hazard area, high fire risk area) disclosed to you by a real estate agent, seller, or landlord before you purchased or moved into your home?

Answered: 88 Skipped: 28

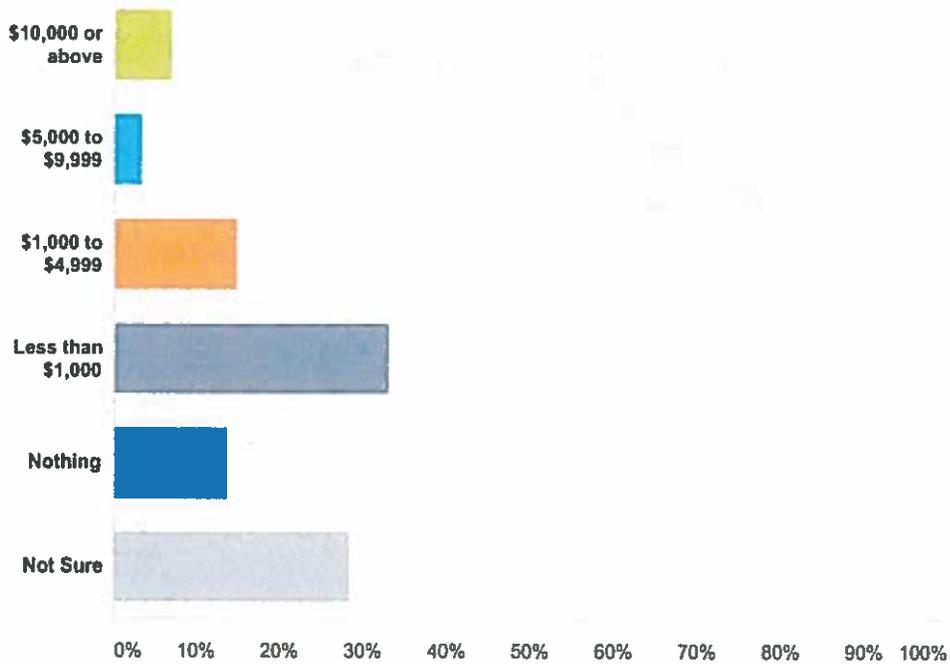


Answer Choices	Responses	
Yes	29.55%	26
No	63.64%	56
Not Sure	6.82%	6
Total		88

Travis County Communities TX HMP Update Survey

Q20 How much money would you be willing to spend to retrofit your home to reduce risks associated with natural disasters? (for example, by clearing brush and plant materials from around your home to create a "defensible space" for wildfire, performing seismic upgrades, or replacing a combustible roof with non-combustible roofing)

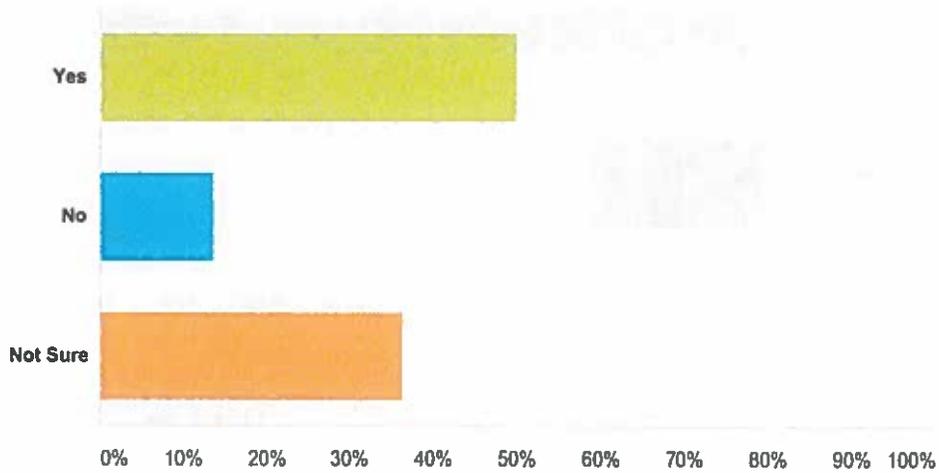
Answered: 88 Skipped: 28



Answer Choices	Responses	
\$10,000 or above	6.82%	6
\$5,000 to \$9,999	3.41%	3
\$1,000 to \$4,999	14.77%	13
Less than \$1,000	32.95%	29
Nothing	13.64%	12
Not Sure	28.41%	25
Total		88

Q22 If your property were located in a designated “high hazard” area or had received repetitive damages from a natural hazard event, would you consider a “buyout” offered by a public agency?

Answered: 88 Skipped: 28

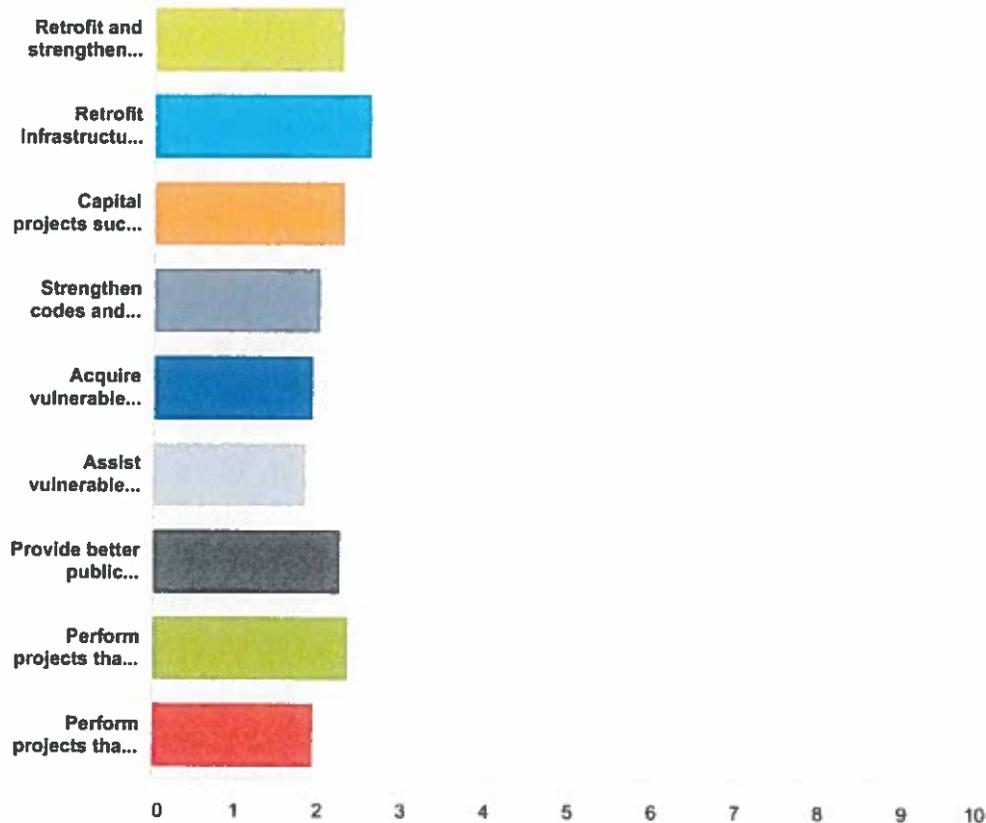


Answer Choices	Responses	
Yes	50.00%	44
No	13.64%	12
Not Sure	36.36%	32
Total		88

Travis County Communities TX HMP Update Survey

Q24 What types of projects do you believe the County, State or Federal government agencies should be doing in order to reduce damage and disruption from hazard events within Travis County communities? Please rank each option as a high, medium or low priority.

Answered: 86 Skipped: 30



	High	Medium	Low	Total	Weighted Average
Retrofit and strengthen essential facilities such as police, fire, schools and hospitals.	45.12% 37	37.80% 31	17.07% 14	82	2.28
Retrofit infrastructure such as roads, bridges, drainage facilities, levees, water supply, waste water and power supply facilities.	69.41% 59	21.18% 18	9.41% 8	85	2.60
Capital projects such as dams, levees, flood walls, drainage improvements and bank stabilization projects.	46.43% 39	36.90% 31	16.67% 14	84	2.30
Strengthen codes and regulations to include higher regulatory standards in hazard areas.	30.95% 26	38.10% 32	30.95% 26	84	2.00
Acquire vulnerable properties and maintain as open space.	25.00% 21	41.67% 35	33.33% 28	84	1.92

Travis County Communities TX HMP Update Survey

Q25 Please indicate how you feel about the following statement: It is the responsibility of government (local, state and federal) to provide education and programs that promote citizen actions that will reduce exposure to the risks associated with natural hazards.

Answered: 86 Skipped: 30



	Strongly Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Strongly Agree	Total	Weighted Average
Choose one:	10.47% 9	10.47% 9	12.79% 11	43.02% 37	23.26% 20	86	3.58

Travis County Communities TX HMP Update Survey

Q27 Please indicate how you feel about the following statement: Information about the risks associated with natural hazards is readily available and easy to locate.

Answered: 88 Skipped: 28

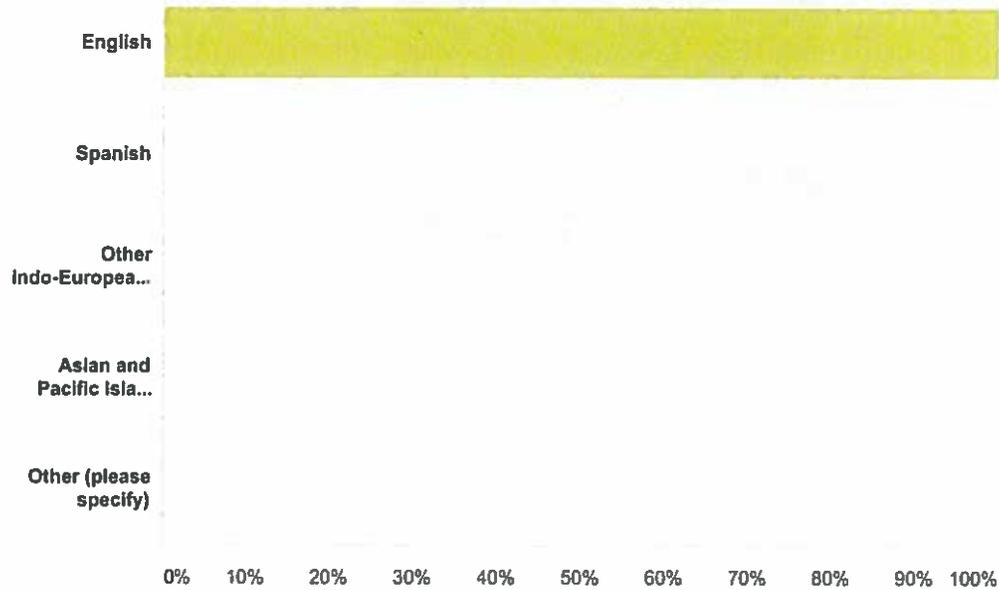


	Strongly Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Strongly Agree	Total	Weighted Average
Choose one:	5.68% 5	15.91% 14	25.00% 22	37.50% 33	15.91% 14	88	3.42

Travis County Communities TX HMP Update Survey

Q29 Please indicate the primary language spoken in your household.

Answered: 87 Skipped: 29

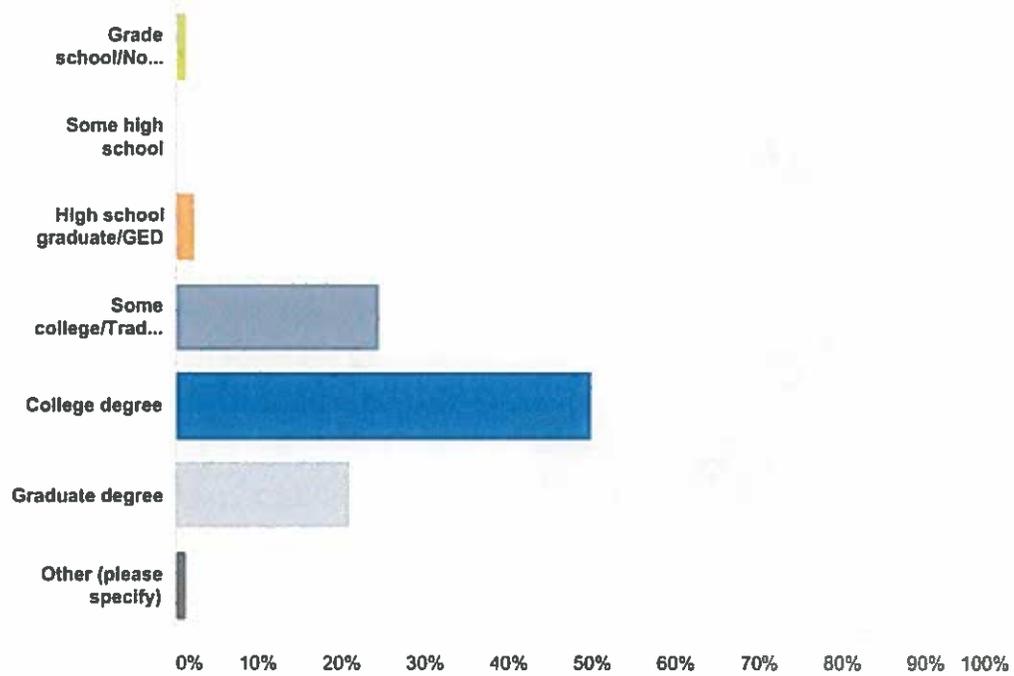


Answer Choices	Responses	
English	100.00%	87
Spanish	0.00%	0
Other Indo-European Languages	0.00%	0
Asian and Pacific Island Languages	0.00%	0
Other (please specify)	0.00%	0
Total		87

Travis County Communities TX HMP Update Survey

Q31 Please indicate your highest level of education.

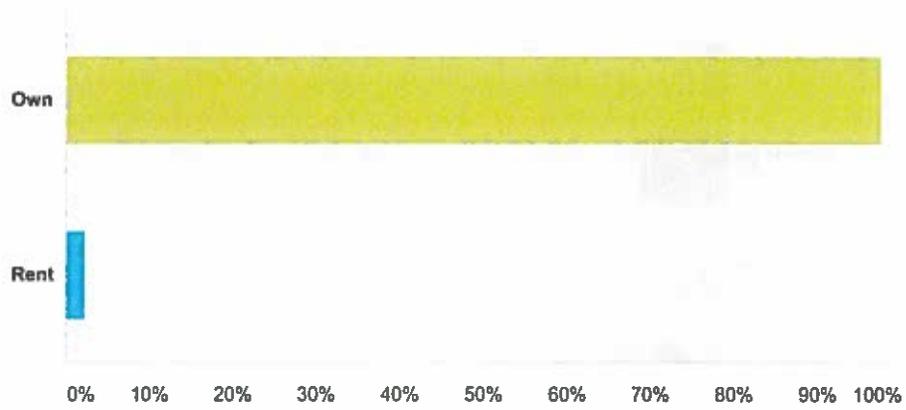
Answered: 86 Skipped: 30



Answer Choices	Responses	Count
Grade school/No schooling	1.16%	1
Some high school	0.00%	0
High school graduate/GED	2.33%	2
Some college/Trade school	24.42%	21
College degree	50.00%	43
Graduate degree	20.93%	18
Other (please specify)	1.16%	1
Total		86

Q33 Do you own or rent your place of residence?

Answered: 84 Skipped: 32

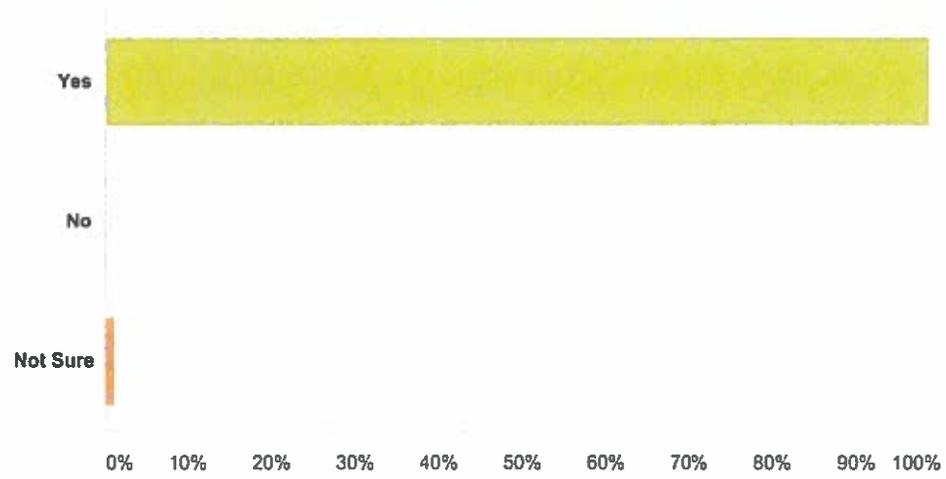


Answer Choices	Responses	
Own	97.62%	82
Rent	2.38%	2
Total		84

Travis County Communities TX HMP Update Survey

Q35 Do you have regular access to the Internet?

Answered: 85 Skipped: 31



Answer Choices	Responses	
Yes	98.82%	84
No	0.00%	0
Not Sure	1.18%	1
Total		85

TRAVIS COUNTY PROJECT IMPLEMENTATION WORKSHEET (Update of 2011 Plan Projects)

Section 23 Page No.	Action No.		Project Status				Funding			Comments
			In Progress	Delayed	Completed	No Longer Required	Budgeted	Apply for Grant	Grant Received	

There are no actions listed for Travis County because the County is not participating in the Update.

VILLAGE OF BRIARCLIFF

95	1	Purchase a standby generator for the wastewater treatment plant.																
96	2	Purchase NOAA weather radios.																
97	3	Install flood gauges for low water crossings.																

IONESTOWN

98	1	Acquisition of property located in the Floodway on Sandy Creek, Pecan Park area.		X														
99	2	Engineer study of storm water run-off for the incorporated limits of the City.		X														
100	3	Install operational warning signs / gates at low water crossings.		X														
101	4	Acquisition of property located in the floodplain of Lake Travis, Gross Street area.		X														
102	5	Educate the public on extreme heat/drought safety and health issues.		X														
103	6	Implement a floodplain early warning system and local response plan.		X														
104	7	Implement and promote a multi-hazard public awareness program.		X														
105	8	Enhance code enforcement and inspection services.		X														
106	9	Advertise and promote the availability of flood insurance, even for property not normally effected by past flood levels.		X														
107	10	Implement a voluntary buyout program for repetitive flood properties along Lakeside Dr.		X														
108	11	Identify repetitive loss properties for future Hazard Mitigation Grant Program funding.		X														

TRAVIS COUNTY PROJECT IMPLEMENTATION WORKSHEET (Update of 2011 Plan Projects)

Section 23 Page No.	Action No.		Project Status				Funding			Comments	
			In Progress	Delayed	Completed	No Longer Required	Budgeted	Apply for Grant	Grant Received		Target Completion
147	3										
148	4										
VILLAGE OF SAN LEANNA											
149	1 (Past)										
150	2 (Past)										
151	1										
152	2										
153	3										
154	4										
155	5										
156	6										
VILLAGE OF VOLLENTE											
157	1										
158	2										
159	3										

Mitigation Action Worksheet Instructions

This instruction sheet provides additional guidance on how to complete the Mitigation Action Worksheet and Prioritization Worksheet. If you have any questions, please contact: Laura Johnston at laura.johnston@tetrattech.com.

General

Name of Jurisdiction: (ex. Xxxx County or City of xxxxx)

Mitigation Action #: For new actions, enter the next sequential number following the last action number from the previous plan. For continuing actions, enter the action number used in the previous plan. There should be a unique number for each action for your jurisdiction.

Mitigation Action Title: This should be a sort title that quickly identifies the nature of the action (i.e. acquisition of flood prone properties on Main Street or Community Safe Room construction, etc.).

Assessing the Risk

Hazard(s) addressed: Please check ALL hazards that apply. For example, a generator can mitigate damage from any hazard that could result in power outage.

Specific problem being mitigated: Please describe the specific problem being mitigated. For example, a flood prone property acquisition can mitigate the problem of repetitive flooding due to the xxx River overtopping its banks.

Evaluation of Potential Alternatives

Alternatives Considered: Please consider different options to mitigate the problem identified. One alternative can be to accept the current level or risk (tolerate the vulnerability/problem) by deciding to take no action at this time. If you choose to take no action, please complete the worksheet up to and including this section and this will be noted in the Plan.

Please include the name of the action considered and a brief reason as to why the action was not selected. The reasoning documents the consideration of these alternatives. For example, alternatives to flood prone property acquisition could be elevation of structures or flood proofing measures. Alternatives can be a variation of the selected action. For example, alternatives for a generator action, could include alternative fuel types or switching mechanisms.

Action/Project Intended for Implementation

Describe how action will be implemented: Please provide a brief description of the steps involved to implement the selected action.

Action/Project Type: Select which of the following types your action can be classified under.

Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.

Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.

Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.

Prioritization Worksheet Instructions

Complete this table to evaluate and prioritize each mitigation action being considered by your jurisdiction. Please use these 14 criteria to assist in evaluating and prioritizing mitigation actions identified. Specifically, for each mitigation action, assign a numeric rank (0, 1, 2, 3, 4) for each of the 14 evaluation criteria in the provided table, defined as follows:

- Definitely Yes = 4
- Maybe Yes = 3
- Unknown/Neutral = 2
- Probably No = 1
- Definitely No = 0

Use the numerical results of this exercise to help prioritize your actions as “Low”, “Medium” or “High” priority. Your municipality may recognize other factors or considerations that affect your overall prioritization; these should be identified in narrative in the Priority field of the worksheet. The 14 evaluation/prioritization criteria are:

1. Life Safety – How effective will the action be at protecting lives and preventing injuries? This is a weighted criteria. Enter the numeric rank as detailed above and then multiply by 2 to achieve the score for this criteria.
2. Property Protection – How significant will the action be at eliminating or reducing damage to structures and infrastructure? This is a weighted criteria. Enter the numeric rank as detailed above and then multiply by 2 to achieve the score for this criteria.
3. Cost-Effectiveness – Will the future benefits that will be achieved by implementing the action, exceed the cost to implement the action?
4. Technical – Is the mitigation action technically feasible? Will it solve the problem independently and is it a long-term solution? Eliminate actions that, from a technical standpoint, will not meet the goals.
5. Political – Is there overall public support for the mitigation action? Is there the political will to support it?
6. Legal – Does the jurisdiction have the authority to implement the action?
7. Fiscal - Can the project be funded under existing program budgets (i.e., is this initiative currently budgeted for)? Or would it require a new budget authorization or funding from another source such as grants?
8. Environmental – What are the potential environmental impacts of the action? Will it comply with environmental regulations?
9. Social – Will the proposed action adversely affect one segment of the population? Will the action disrupt established neighborhoods, break up voting districts, or cause the relocation of lower income people?
10. Administrative – Does the jurisdiction have the personnel and administrative capabilities to implement the action and maintain it or will outside help be necessary?
11. Multi-hazard – Does the action reduce the risk to multiple hazards?
12. Timeline - Can the action be completed in less than 5 years (within our planning horizon)?
13. Local Champion – Is there a strong advocate for the action or project among the jurisdiction’s staff, governing body, or committees that will support the action’s implementation?
14. Other Local Objectives – Does the action advance other local objectives, such as capital improvements, economic development, environmental quality, or open space preservation? Does it support the policies of other plans and programs?

After the above criteria have been ranked, add up the total score, enter it on the “Total” line and place a check mark in the appropriate priority range (Low, Medium, or High).