



Coastal Protection and Restoration Authority
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2017 Coastal Master Plan

Attachment E2: Parish Profiles



Report: Final

Date: April 2017

Prepared by: Coastal Protection and Restoration Authority

Coastal Protection and Restoration Authority

This document was prepared in support of the 2017 Coastal Master Plan being prepared by the Coastal Protection and Restoration Authority (CPRA). CPRA was established by the Louisiana Legislature in response to Hurricanes Katrina and Rita through Act 8 of the First Extraordinary Session of 2005. Act 8 of the First Extraordinary Session of 2005 expanded the membership, duties and responsibilities of CPRA and charged the new authority to develop and implement a comprehensive coastal protection plan, consisting of a master plan (revised every five years) and annual plans. CPRA's mandate is to develop, implement and enforce a comprehensive coastal protection and restoration master plan.

Suggested Citation:

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Parish Profiles

The parish profiles are intended to be a resource for CPRA to better understand the 24 Louisiana coastal parishes' flood risk, experience implementing nonstructural projects, and ongoing hazard mitigation or comprehensive planning activities. Coastal parishes include: Acadia, Ascension, Assumption, Calcasieu, Cameron, Iberia, Iberville, Jefferson, Jefferson Davis, Lafayette, Lafourche, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne, and Vermillion Parish.

These profiles provide basic statistics about the coastal parishes for context in assessing flood risk and resilience needs, vulnerability, experience, and capacity. The profiles also include descriptions of previous flood risk reduction efforts and participation in mitigation programs. However, it should be noted that these parish profiles **do not** include proposed nonstructural project information included in the 2017 Coastal Master Plan. This attachment contains information current as of May 2015. It will be updated periodically by CPRA in coordination with the parishes. Sources of information used for all the parish profiles, which were accessed from October 2014 to May 2015, include:

- Direct correspondence, including both phone calls and e-mail, with the parishes (emergency management, floodplain management, planning and/or grants management officials) to collect the following information:
 - Flood ordinance required elevation heights (e.g., BFE or higher)
 - Mitigation plan, required update timeframe and link (where available)
 - Parish mitigation capacity
 - Summary of past mitigation activities
 - Comprehensive plan and corresponding hazard mitigation goals/actions
 - Recovery plan and corresponding hazard mitigation goals
 - Other mitigation actions in local ordinances
 - Adoption of building codes
- Population, size, and approximate number of housing units - [U.S. Census Quick Facts - Louisiana](#)
- Employment and Wages 2013 - [LA Workforce Commission Employment and Wages Data](#)
- FEMA Mapped V Zone/A Zone - [LSU AgCenter](#) at [LA Flood Maps](#)
- Percentage of land in the FEMA Special Flood Hazard Area (SFHA) provided by the parishes. It was not available in every parish.
- Repetitive Loss Properties - FEMA National Flood Insurance Program (NFIP) data provided by GOHSEP [includes Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties]
- Participation in NFIP - [FEMA Community Status Book](#) [includes effective dates for Flood Insurance Rate Maps (FIRM)]
- Participation in the FEMA Community Rating System (CRS) - CRS Eligible Communities Effective October 1, 2014 (the most recent available version as of May 2015) at [October 2014 CRS Community Data](#)
 - NFIP Policies and Premium Information in the CRS section of parish profiles at FEMA's [NFIP Policy Statistics](#)

- CRS Annual Premium Savings - FEMA Community Information System (CIS) Database

Additional parish-specific information sources are noted within individual parish profiles. Presented below in Table 1 is a summary matrix showing key mitigation information from each parish.

Table 1: Parish Summary Matrix of Key Mitigation Information.

Parish	Growth and Risk			NFIP & CRS		Nonstructural Project Implementation			Hazard Mitigation		Planning & Regulatory Activities			Capacity
	Pop Growth Rate	% Parish in SFHA	RL & SRL	Effective/ Preliminary FIRM Date	CRS Score	Elevation Projects*	Acquisition Projects*	Flood Proofing Projects*	Other Haz Mit Projects**	Haz Mit Plan	Comp Plan	Recovery Plan	Ordinances	# Haz Mit Staff
Acadia	+5%	31%	54	2010	0	1	2	0	3	2016	0	2007	BFE for unincorporated areas	0
Ascension	+40%	56%	261	2007	8	12	9	3	20	2015	2011	0	BFE +1 for unincorporated areas	2
Assumption	+1.4%	69%	82	1997/2009	0	2	2	0	11	2016	2008	0	BFE for parish	0
Calcasieu	+5%	39%	747	2011	8	72	37	0	30	2015	0	0	BFE +1 for parish (or higher)	7
Cameron	-31%	89%	442	2012	0	85	0	1	41	2015	0	2006	BFE for parish	2
Iberia	-.03%	78%	398	2011	0	121	0	0	19	2015	0	0	BFE +1 for parish	2
Iberville	+2%	78%	56	2013	0	0	0	0	5	2014	2005	0	BFE for parish	0
Jefferson	-5%	66%	8,812	1995	6	7,889	0	0	83	2015	2006	0	BFE +2 for parish (or higher)	8
Jefferson Davis	+5%	45%	11	2010	0	0	1	0	10	2016	0	0	BFE for parish	2
Lafayette	+16%	35%	216	1999	8	0	0	0	0	2016	2015	0	BFE +1 for parish	5
Lafourche	+7%	91%	439	1992/2008	10	59	10	0	17	2015	2014	0	BFE for parish	3
Livingston	+39%	68%	930	2012	9	42	13	0	6	2016	2013	2008	BFE for parish	6
Orleans	-29%	52%	6,542	1984/2012	8	5,525	5,150	0	71	2016	2010	0	ABFE (2006) +3 for parish (or higher)	10+
Plaquemines	-14%	94%	406	1993	0	226	0	1	66	2015	2014	2015	BFE for parish	1
St. Bernard	-46%	94%	1,207	1987	0	391	100	0	9	2016	2014	2015	BFE +1.5 for parish	4
St. Charles	+9%	68%	641	1992/2012	8	139	3	0	27	2015	2011	2015	BFE for parish (or higher)	3
St. James	+4%	60%	13	2011	7	1	0	2	10	2016	2011	0	BFE +1 for parish (or higher)	2
St. John the Baptist	+7%	87%	222	2010	8	0	1	0	9	2016	2014	2013	BFE for parish	3
St. Martin	+7%	81%	71	2010	0	0	0	0	15	2014	0	0	BFE for parish	1
St. Mary	+2%	88%	257	1999/2008	0	39	2	1	15	2014	2002	2007	BFE for parish	0
St. Tammany	+22%	41%	3,392	1999/2008	7	648	89	0	9	2015	2003	0	BFE for parish (or higher)	8
Tangipahoa	+20%	42%	155	2010	9	36	1	0	12	2015	2008	2008	BFE for parish	5
Terrebonne	+7%	96%	2,000	1992/2008	6	1,395	104	0	20	2015	2013	2007	BFE for parish (or higher)	6
Vermilion	+8%	72%	517	2011	0	509	19	48	11	2015	2014	0	BFE for parish	1

Notes:

* Includes both parish submitted information as well as data compiled from GOHSEP and OCD. Parish data was collected January-May 2015. GOHSEP was collected June 2014 (RL/SRL) and July 2015 (mitigation projects completed). OCD was collected May 2015.

** Includes Mitigation Reconstruction (total number of **properties** in the projects approved and/or implemented) plus Wind Retrofit (total number of **projects** approved and/or implemented) plus Flood Control (total number **properties** in the projects approved and/or implemented).

Mapping of Key Parish Profile Data

The maps below summarize and spatialize key datasets in order to better understand ongoing local activities and the context in which CPRA's Flood Risk and Resilience Program will be implemented. Figures 1-3 provide an overview of key parish statistics including population growth rate and flood risk (through percent of parish in floodplain and properties experiencing repeated flood events). Figures 4-5 illustrate how some parishes have updated their FEMA FIRMs and have joined the Community Rating System. Figures 6-9 show how various parishes have implemented projects to reduce flood risk including elevation, acquisition, floodproofing, and other mitigation projects. In addition to project implementation, parishes have responded with a broader and forward thinking approach using various planning and policy initiatives. Figures 10-11 illustrate how some parishes have developed comprehensive and recovery plans.

Lastly, one critical element underlying all of these activities to reduce risk to Louisiana communities and implementing the state's Flood Risk and Resilience Program is local planning capacity. Figure 22 illustrates the range of staff resources parishes can employ to create plans, manage grants and projects, and coordinate floodplain management activities.

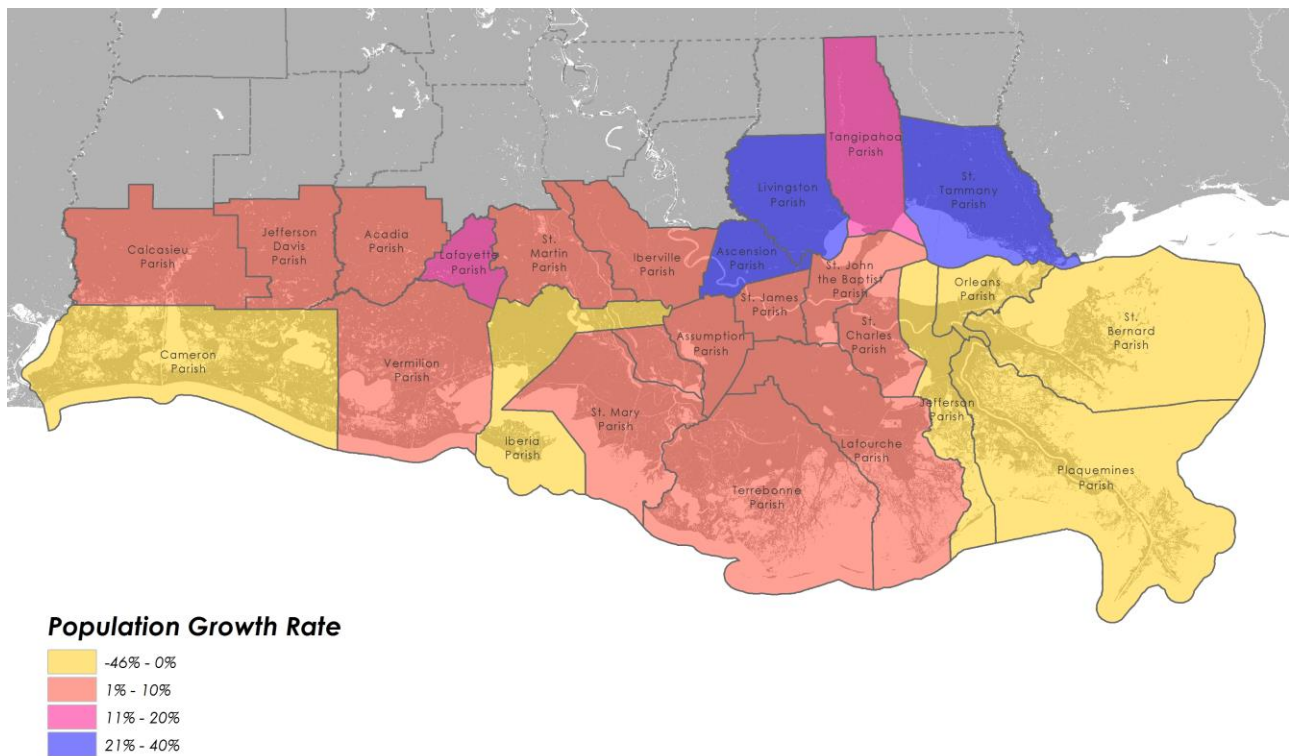


Figure 1: Population Growth Rate (2000-2010).

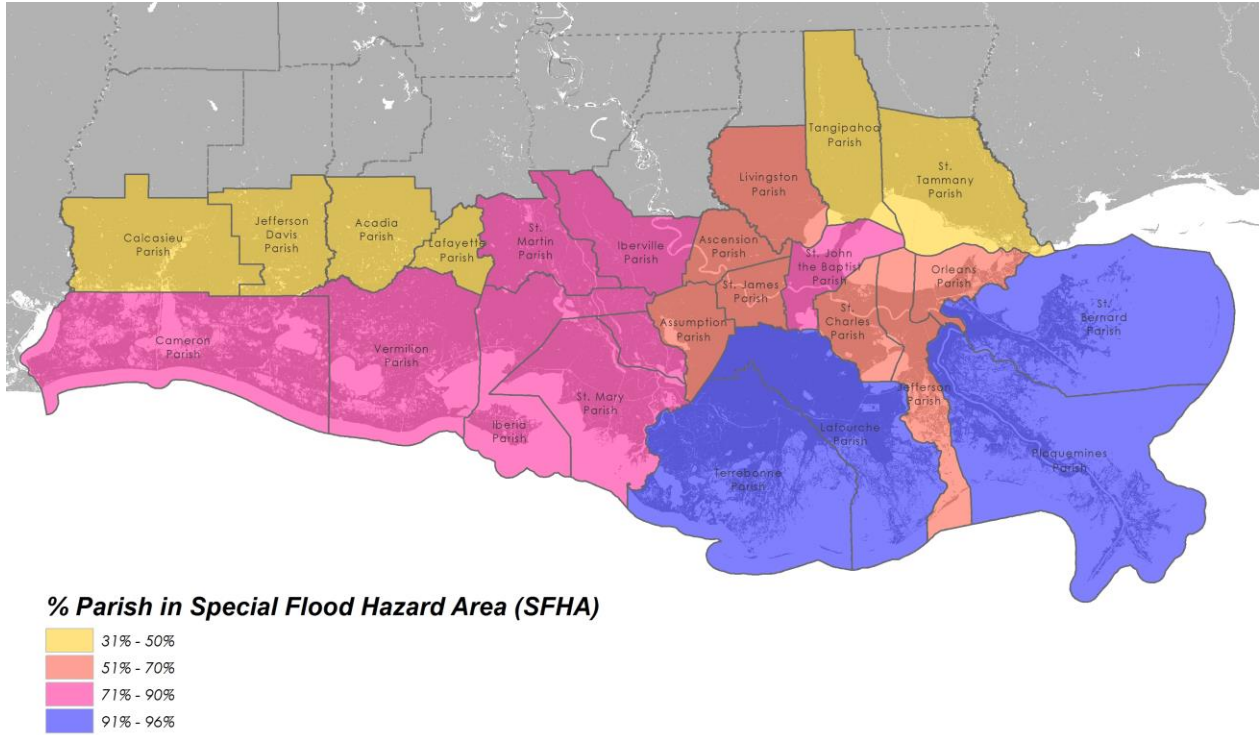


Figure 2: % Parish in FEMA Special Flood Hazard Area (SFHA).

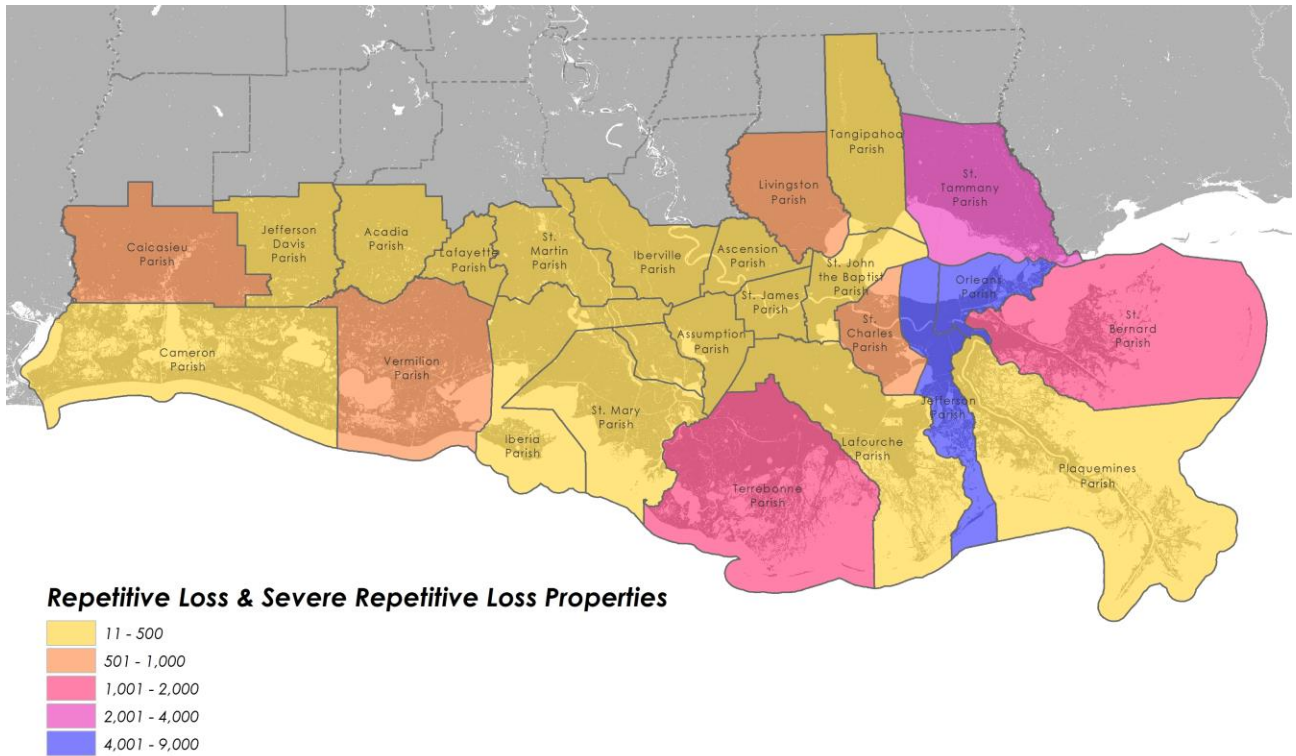


Figure 3: Repetitive Loss & Severe Repetitive Loss Properties.

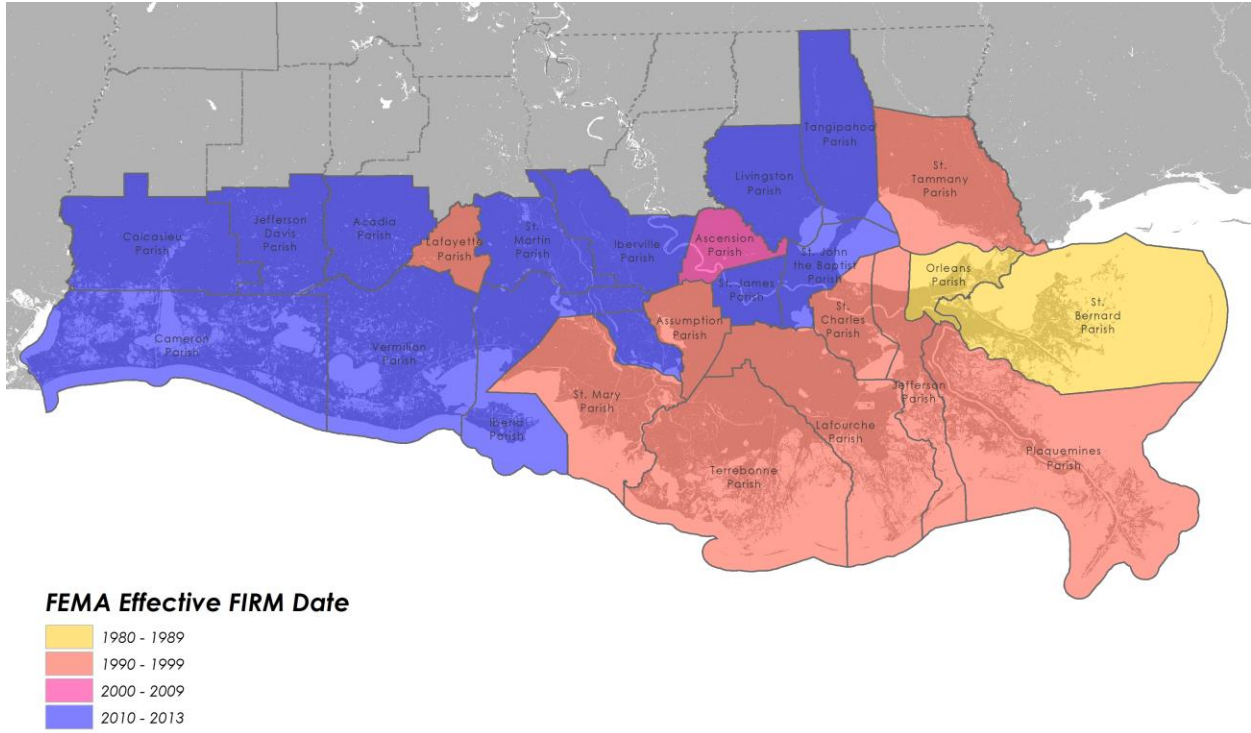


Figure 4: FEMA Effective FIRM Date.

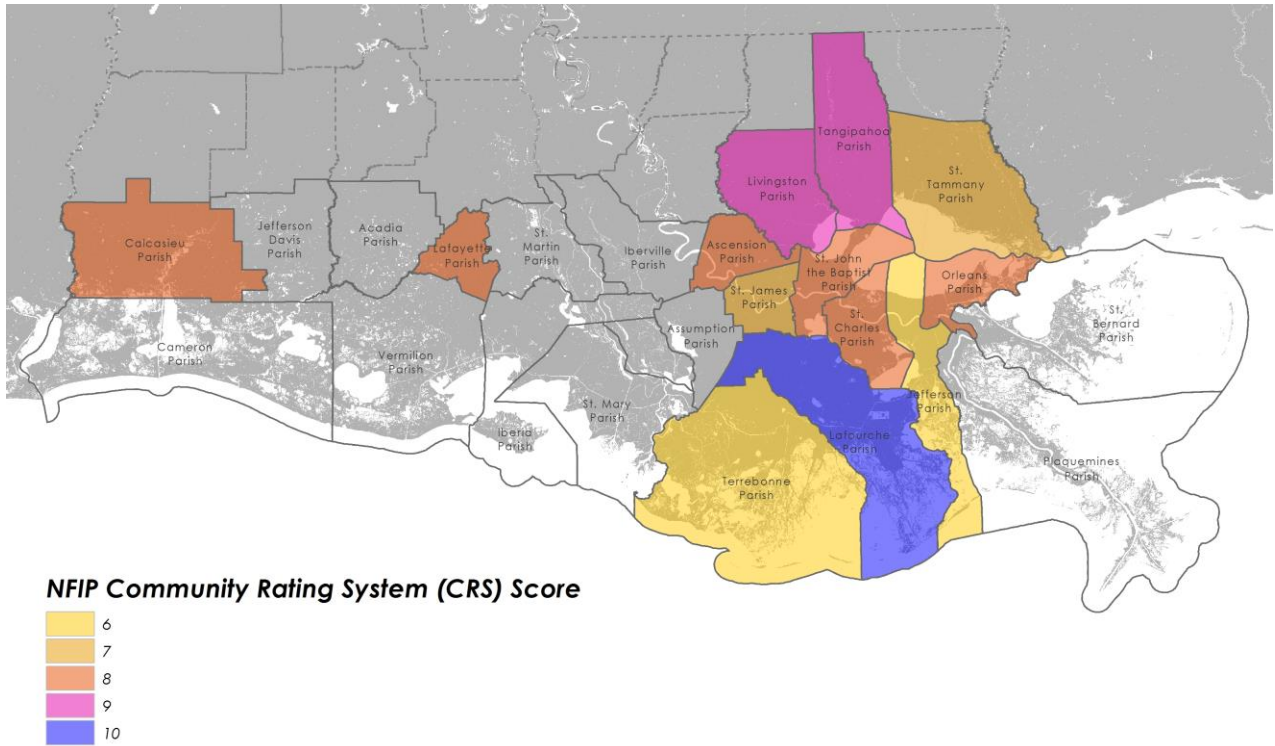


Figure 5: Community Rating System (CRS) Score.

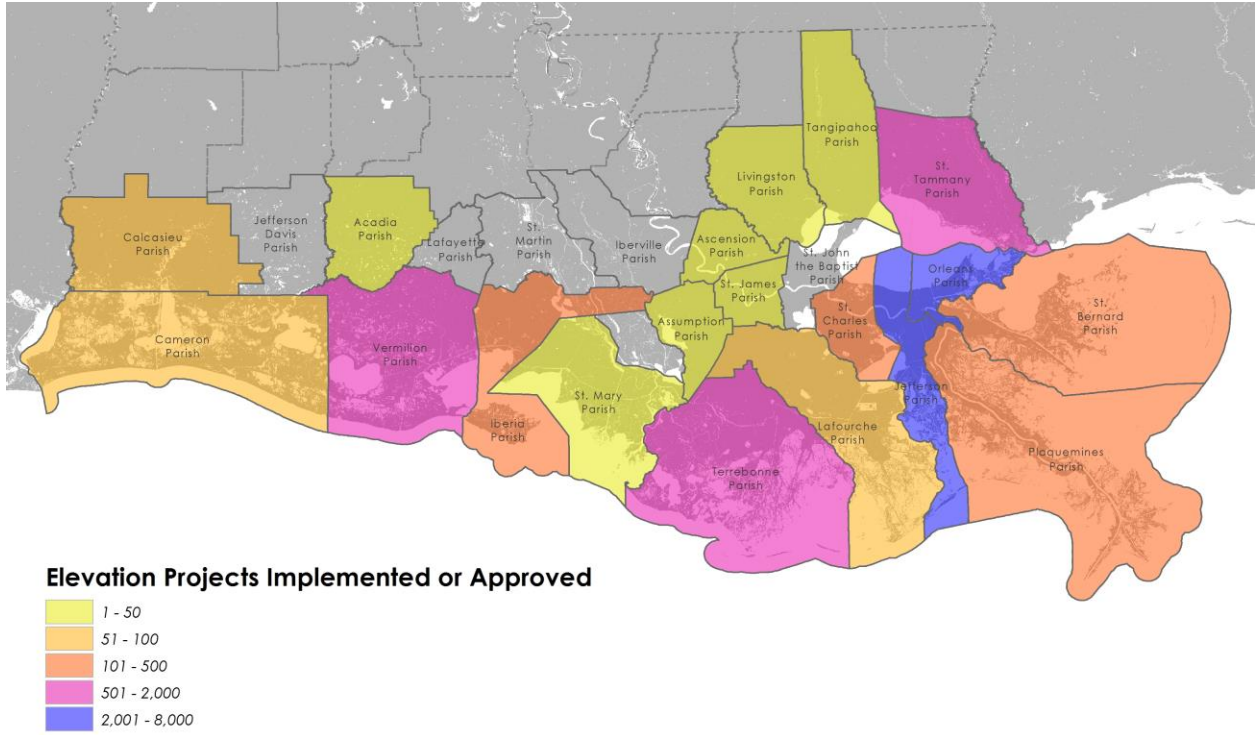


Figure 6: Elevation Projects Implemented or Approved.

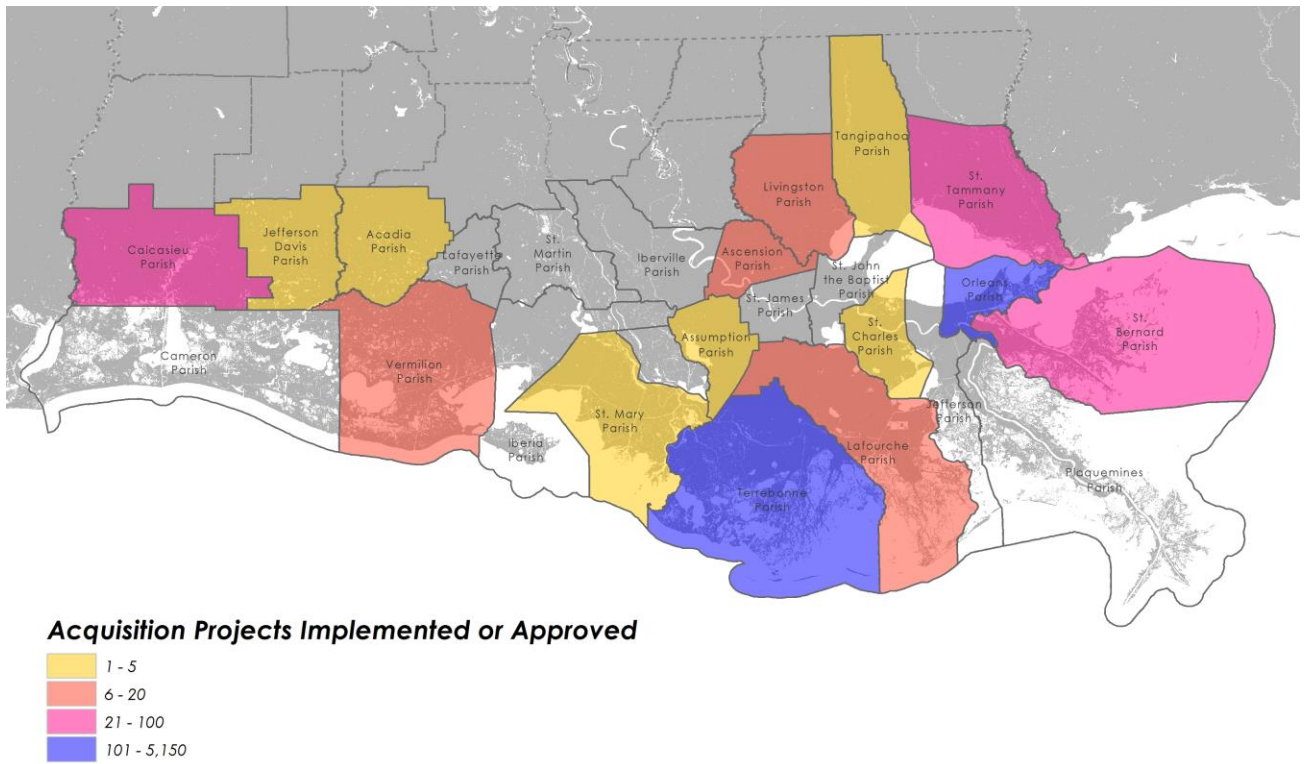
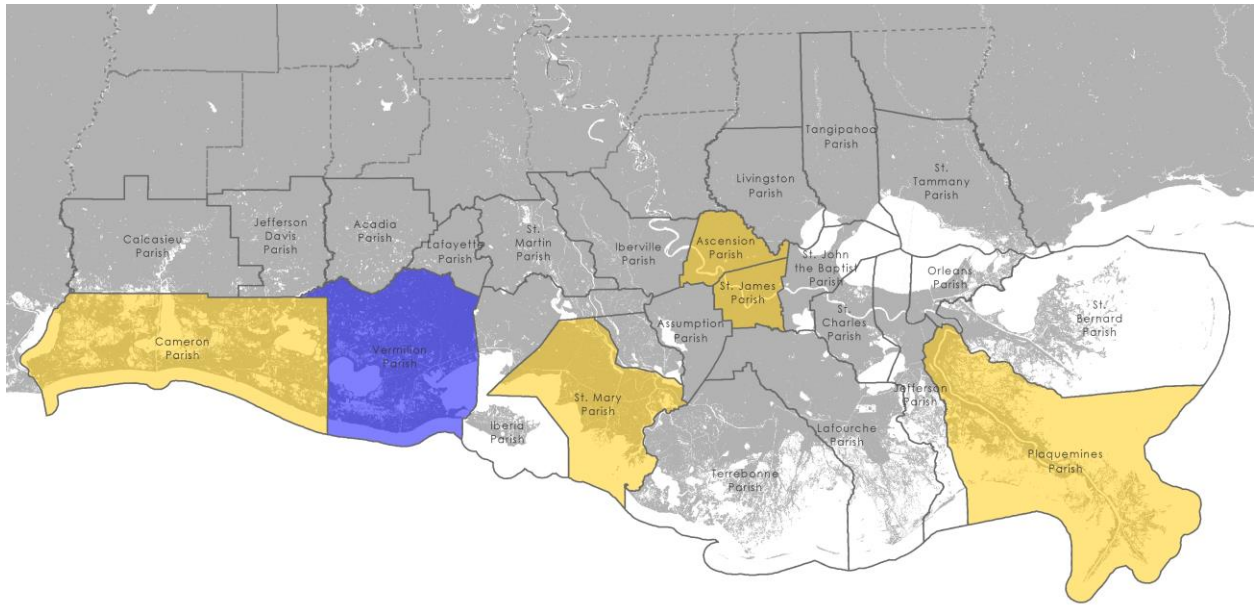


Figure 7: Acquisition Projects Implemented or Approved.



Floodproofing Projects Implemented or Approved

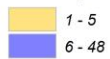
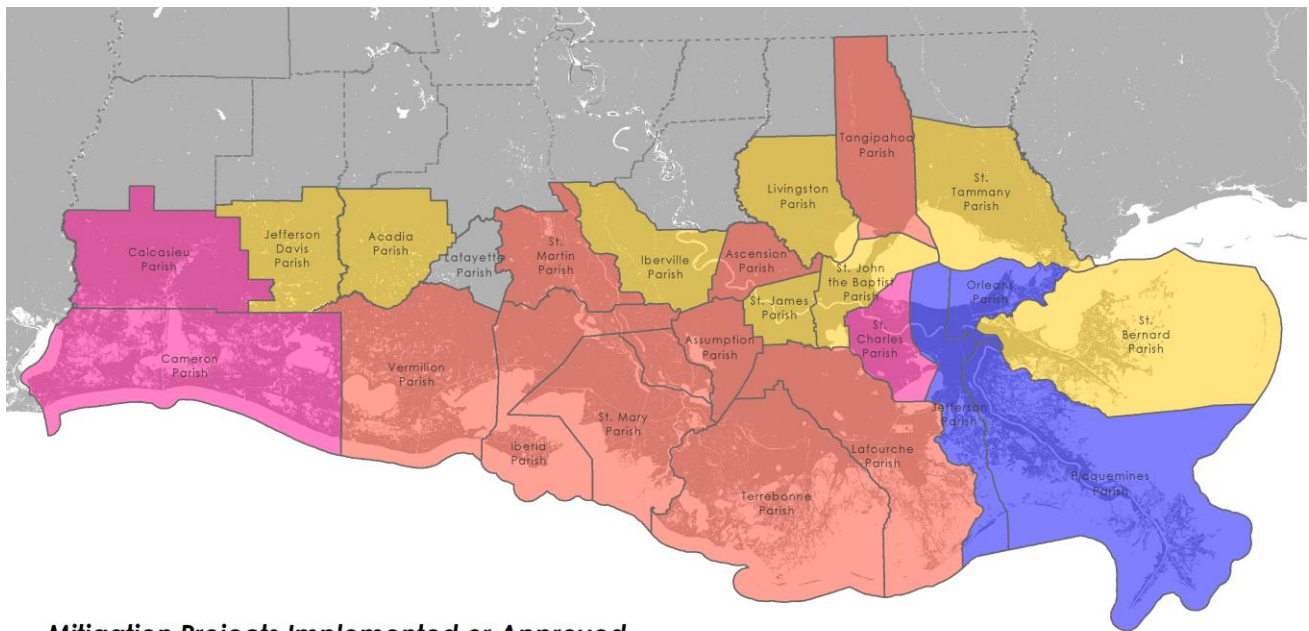


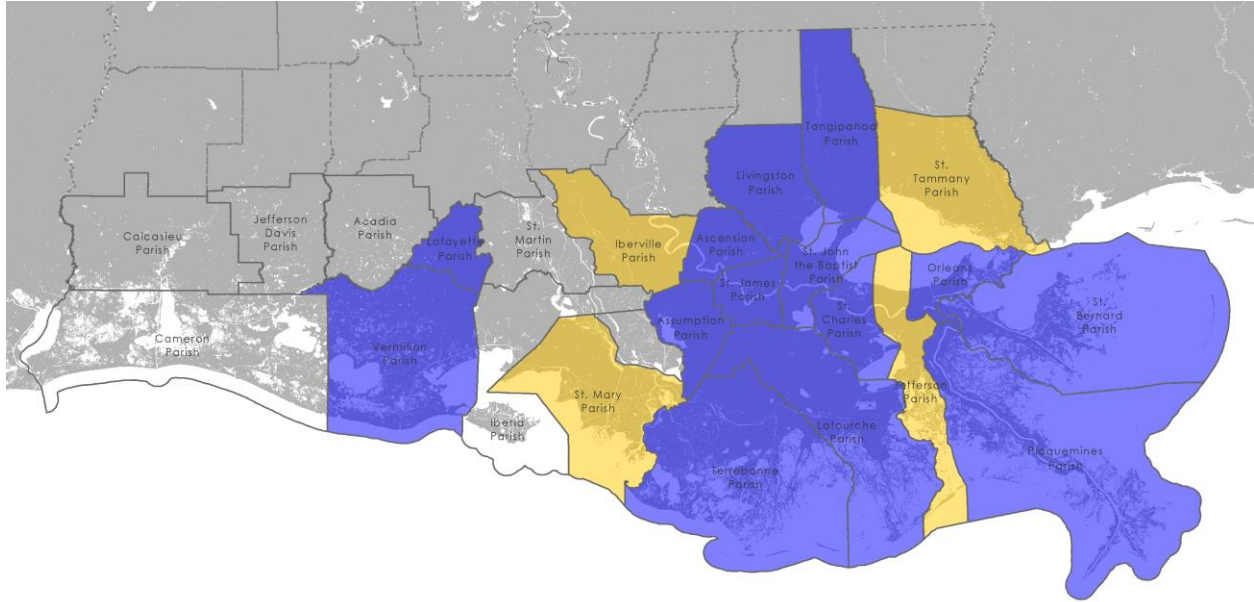
Figure 8: Floodproofing Projects Implemented or Approved.



Mitigation Projects Implemented or Approved



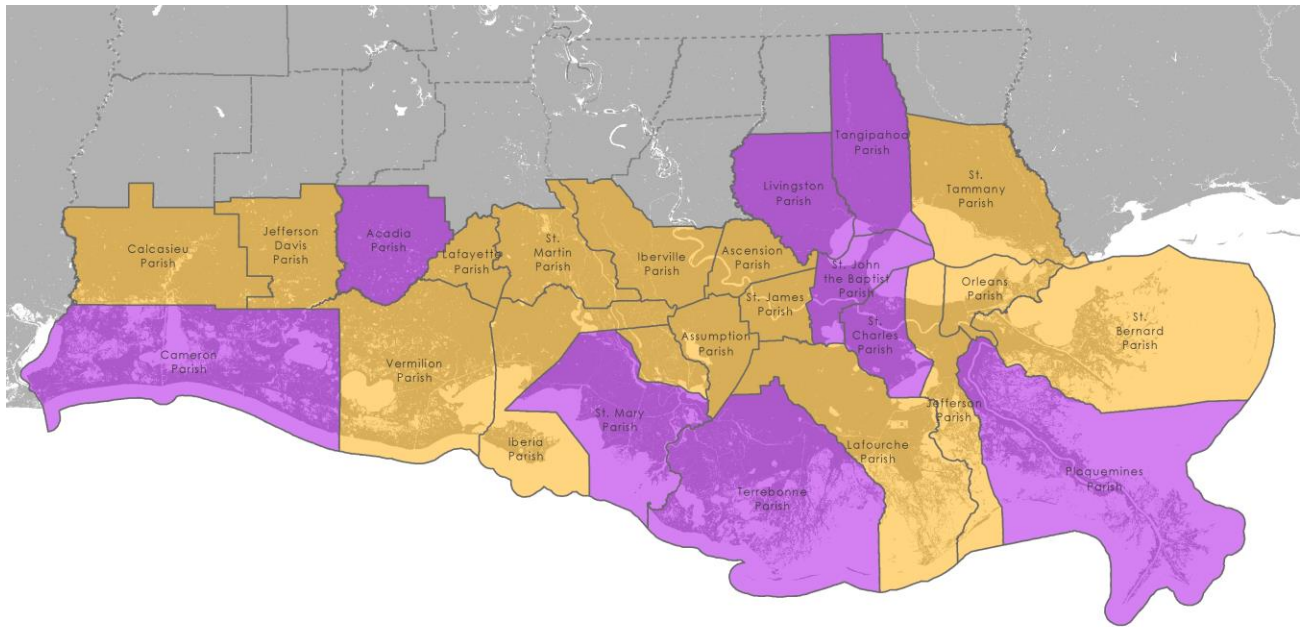
Figure 9: Mitigation Projects Implemented or Approved.



Comprehensive Plan (by Date Approved)

- 2002 - 2006
- 2007 - 2015

Figure 10: Comprehensive Plan (by Date Approved).



Recovery Plan

- No
- Yes

Figure 11: Recovery Plan.

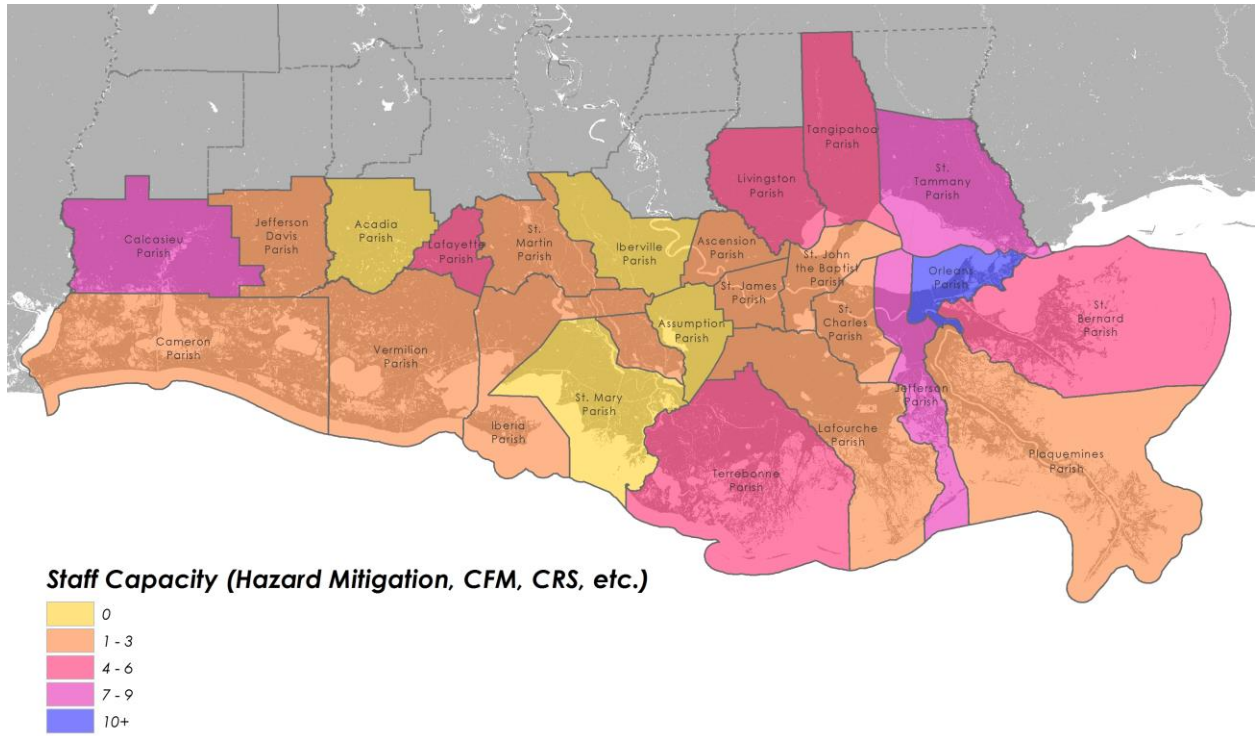


Figure 12: Staff Capacity- Including Hazard Mitigation, Coastal Floodplain Manager (CFM), Community Rating System (CRS) Coordinator, Grants Mangers, Coastal Zone Planners, etc.

1.0 Acadia Parish Profile

Incorporated Communities within Parish: Cities: Crowley, Eunice, Rayne Towns: Basile, Church Point, Duson, Iota Villages: Estherwood, Mermentau, Morse																																															
Basic Statistics																																															
Population, Size, and Trends	Population - 62,577 (2015) Population Change Rate (from 2000 to 2010) – (+5%) Total Area – 657 square miles (1,702 sq km), of which 655 square miles (1,696 sq km) is land and 2.3 square miles (6 sq km) (0.4%) is water Economy – Mostly agricultural (rice, soybeans, and crawfish) but opening up to manufacturing (Acadiana Economic Development http://www.teamacadiana.org/site73.php ; Crowley Chamber of Commerce http://www.crowleychamber.com/our-community).																																														
Employment and Wages	2013 Annual Average Employment and Total Wages <table border="1"> <thead> <tr> <th>Industry</th> <th>Business Entities</th> <th>Average Employment</th> <th>Total Wages</th> </tr> </thead> <tbody> <tr> <td>Manufacturing</td> <td>57</td> <td>1,429</td> <td>\$54,671,854</td> </tr> <tr> <td>Construction</td> <td>127</td> <td>1,334</td> <td>\$64,486,183</td> </tr> <tr> <td>Transportation and warehousing</td> <td>70</td> <td>684</td> <td>\$40,645,682</td> </tr> <tr> <td>Wholesale trade</td> <td>55</td> <td>396</td> <td>\$19,163,128</td> </tr> <tr> <td>Mining</td> <td>39</td> <td>348</td> <td>\$22,540,298</td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td>21</td> <td>180</td> <td>\$6,463,155</td> </tr> </tbody> </table>					Industry	Business Entities	Average Employment	Total Wages	Manufacturing	57	1,429	\$54,671,854	Construction	127	1,334	\$64,486,183	Transportation and warehousing	70	684	\$40,645,682	Wholesale trade	55	396	\$19,163,128	Mining	39	348	\$22,540,298	Agriculture, forestry, fishing and hunting	21	180	\$6,463,155														
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Flood Risk and Flood Insurance Information																																															
FEMA Mapped V Zone/A Zone	A Zones mapped on the effective Flood Insurance Rate Map (FIRM) (11/26/2010) No V Zones mapped Percentage of parish in SFHA: 31%																																														
Housing and Repetitive Loss Properties	25,621 total housing units (2013) Repetitive Loss Properties <table border="1"> <thead> <tr> <th>Community</th> <th>RL</th> <th>SRL</th> <th>Total RL/SRL</th> <th>Insured</th> <th>Not Insured</th> </tr> </thead> <tbody> <tr> <td>Acadia Parish (unincorporated)</td> <td>22</td> <td>1</td> <td>23</td> <td>10</td> <td>13</td> </tr> <tr> <td>Church Point</td> <td>7</td> <td>1</td> <td>8</td> <td>5</td> <td>3</td> </tr> <tr> <td>Crowley</td> <td>9</td> <td>0</td> <td>9</td> <td>9</td> <td>0</td> </tr> <tr> <td>Estherwood</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td>Eunice</td> <td>11</td> <td>1</td> <td>12</td> <td>4</td> <td>8</td> </tr> <tr> <td>Iota</td> <td>1</td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> </tr> </tbody> </table>					Community	RL	SRL	Total RL/SRL	Insured	Not Insured	Acadia Parish (unincorporated)	22	1	23	10	13	Church Point	7	1	8	5	3	Crowley	9	0	9	9	0	Estherwood	1	0	1	0	1	Eunice	11	1	12	4	8	Iota	1	0	1	1	0
Community	RL	SRL	Total RL/SRL	Insured	Not Insured																																										
Acadia Parish (unincorporated)	22	1	23	10	13																																										
Church Point	7	1	8	5	3																																										
Crowley	9	0	9	9	0																																										
Estherwood	1	0	1	0	1																																										
Eunice	11	1	12	4	8																																										
Iota	1	0	1	1	0																																										

	TOTAL ACADIA PARISH	51	3	54	29	25
Participation in NFIP	Community	Initial FHBM*	Initial FIRM**	Current Effective Map Date		
	Acadia Parish	01/10/78	07/16/81	12/26/10		
	Basile (also part of Evangeline Parish)	05/24/74	01/15/88	09/03/10		
	Church Point	11/16/73	11/05/80	11/26/10		
	Crowley	08/28/71	07/27/82	11/26/10		
	Duson	04/05/74	09/30/81	11/26/10		
	Estherwood	11/23/73	02/04/81	11/26/10		
	Eunice	05/31/74	06/01/81	11/26/10		
	Iota	01/09/74	07/18/85	11/26/10		
	Mermentau	11/23/73	03/02/81	11/26/10		
	Morse	11/23/73	04/15/81	11/26/10		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE – All unincorporated areas of the parish.					
Participation in FEMA CRS	Acadia Parish does not participate in CRS.					
Flood Risk Mitigation Activities						
Mitigation Plan	"Acadia Parish Hazard Mitigation Plan, April 2006 and 2011 Update," next update due May 2016. (Plan is unavailable online.)					
Parish Capacity	No specific positions for hazard mitigation.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	1	1	N/A		
	Acquisition	2	2	N/A		
	Floodproofing	0	0	0		
	Mitigation Reconstruction	0	0	0		
	Flood Control	0	0	0		
	Wind Retrofit	3	3	N/A		
	Planning	0	0	0		
Information from Comprehensive, Land Use, and Recovery Plans						
Comprehensive Plan	Acadia Parish does not have a comprehensive plan.					

<p>Hazard Mitigation Goals/Actions in the Comprehensive Plan</p>	<p>N/A</p>
<p>Recovery Plan</p>	<p>“Acadia Parish: Coming Full Circle - The Road to Recovery” 2007 (found at http://www.lra.louisiana.gov/assets/other/by_month/Dec07/AcadiaLTCRPlan.pdf).</p>
<p>Hazard Mitigation Goals in the Recovery Plan</p>	<ul style="list-style-type: none"> • Approach the design of the parish’s future through the implementation of Smart Growth principles that require the balance of competing interests, and the use of such tools as transportation planning, land use planning and mitigation plans. • Maintain critical public services during the loss of power and prevent flood damage.
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>Flood Damage Prevention Ordinance in Acadia Parish Police Jury Code of Ordinances https://www.municode.com/library/la/acadia_parish_police_jury/codes/code_of_ordinances?nodeId=COOR_CH5BUBURE_ARTIIFLDAPR Drainage and Flood Control Ordinance in Acadia Parish Police Jury Code of Ordinances https://www.municode.com/library/la/acadia_parish_police_jury/codes/code_of_ordinances?nodeId=COOR_CH7DRFLCO</p>
<p>Adoption of Building Codes</p>	<p>“The International Building Code, 2006 Edition; The International Residential Code for One and Two Family Dwellings, 2006 Edition.” Building Codes and Permits in Acadia Parish Police Jury Code of Ordinances https://www.municode.com/library/la/acadia_parish_police_jury/codes/code_of_ordinances?nodeId=COOR_CH5BUBURE_ARTIVBUCOPE</p>

2.0 Ascension Parish Profile

Incorporated Communities within Parish: Cities: Donaldsonville, Gonzales Towns: Sorrento Census-designated places: Lemannville, Prairieville							
Basic Statistics							
Population, Size, and Trends		Population – 119,455 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+40%) Total Area – 303 square miles (785 sq km), of which 290 square miles (751 sq km) is land and 13 square miles (34 sq km) (4.2%) is water Economy – Mostly chemical, oil and gas, and expanding suburban businesses as part of the greater Baton Rouge area (Ascension Economic Development Corporation http://www.ascensionedc.com/).					
Employment and Wages		2013 Annual Average Employment and Total Wages					
		Industry	Business Entities	Average Employment	2013 Total Wages		
		Manufacturing	15	1,002	\$74,022,657		
		Agriculture, forestry, fishing and hunting	34	272	\$9,481,580		
		Construction	27	244	\$11,903,265		
		Transportation and warehousing	38	206	\$12,240,522		
		Mining	9	58	\$5,370,673		
		Wholesale trade	12	53	\$2,331,261		
Flood Risk and Flood Insurance Information							
FEMA Mapped V Zone / A Zone		Ascension Parish has three types of Special Flood Hazard Areas (SFHA) depicted on the effective FIRM (08/16/2007): A Zone- no BFEs determined; AE and AH Zones- BFEs determined Percentage of parish in SFHA: 56%					
Housing and Repetitive Loss Properties		42,976 total housing units (2013) Repetitive Loss Properties					
		Community	RL	SRL	Total RL/SRL	Insured	Not Insured
		Ascension Parish	183	40	223	92	131
		Donaldsonville	2	0	2	1	1
		Gonzales	30	5	35	17	18
		Sorrento	1	0	1	0	1
		TOTAL ASCENSION PARISH	216	45	261	110	151

Participation in NFIP	Community	Initial FHBM*	Initial FIRM**	Current Effective Map Date		
	Ascension Parish	12/12/78	09/02/81	08/16/07		
	Donaldsonville	06/07/74	05/15/80	08/16/07		
	Gonzales	09/14/73	08/16/82	08/16/07		
	Sorrento	06/28/74	06/01/78	08/16/07		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE + 1 - Parish of Ascension (Outside City Limits)					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	Ascension Parish (unincorporated)	10/1/92 05/1/08	8	9,346	\$5,896,319	\$444,281
	Gonzales	10/1/92 05/1/12	8	1,012	\$824,606	\$64,407
	Sorrento	10/1/92 05/1/08	9	258	\$181,334	\$9,508
Flood Risk Mitigation Activities						
Mitigation Plan	"Ascension Parish Hazard Mitigation Plan Update, November 2009," currently being updated, next update due 2015. (Plan is unavailable online.)					
Parish Capacity	Parish has two CFMs and staff assigned to Hazard Mitigation, Drainage and Grants Management.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	5	12	\$1,828,313		
	Acquisition	4	9	\$7,324,320		
	Floodproofing	1	3	\$597,000		
	Mitigation Reconstruction	1	1	\$201,394		
	Flood Control	1	1	\$81,266		
	Wind Retrofit	4	18	\$4,716,401		
	Planning	2	2	\$432,239		
Information from Comprehensive, Land Use, and Recovery Plans						
Comprehensive Plan	"Plan Ascension-The Blueprint for Our Future" 2011 (found at http://www.ascensionparish.net/downloads/planning/masterplanfinaldraft.pdf).					
Hazard Mitigation Goals/Actions in the Comprehensive Plan	The plan includes a section on floodplains (.2082) and several statements and objectives to avoid development in floodplains including:					

	<ul style="list-style-type: none"> • The plan recommends less development in, and protection of, floodplain and wetlands to avoid negative impacts on existing development and habitats. • Increase the enforcement of existing restrictions on development in the floodplain. • Apply stronger floodplain regulations to lower the impact development may have on flood levels and lower the potential damage to lives and property caused by flood events. <p>This statement provides additional flood risk reduction considerations:</p> <ul style="list-style-type: none"> • The East Ascension Parish Drainage District currently has a long-term project to evaluate each major drainage canal in the district and reshape the channel to optimize its floodhandling capacity.
Recovery Plan	None
Hazard Mitigation Goals in the Recovery Plan	N/A
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances</p> <p>(e.g., no fill in floodplain)</p>	<p>Zoning Map (2014) http://www.ascensionparish.net/mwg-internal/de5fs23hu73ds/progress?id=Ym5XilVhsKrffsg1U-lagfedeC0YsX-8l1ZWS_g7zOI</p> <p>Master Plan & Land Use Plan (2009) http://www.ascensionparish.net/downloads/planning/code/06landuse.pdf</p> <p>Ascension Parish Unified Land Development Code (Including Zoning Maps/Tables, Land Use, and Subdivision Codes) http://www.ascensionparish.net/index.php?option=com_content&view=article&id=197:ascension-parish-unified-land-development-code-ldc&catid=64:planning-a-development-items&Itemid=103</p>
Adoption of Building Codes	<p>“Louisiana State Uniform Construction Code – Current Edition; International Building Code – 2012 Edition; International Mechanical Code- 2012 Edition; National Electrical Code-2011 Edition; Louisiana State Plumbing Code – 2013 Edition.”</p> <p>Buildings and Building Regulations in Ascension Parish Code of Ordinances https://www.municode.com/library/la/ascension_parish/codes/code_of_ordinances?nodeId=PTIICOOR_CH6BUBURE</p>

3.0 Assumption Parish Profile

Incorporated Communities within Parish: Villages: Napoleonville Census-designated places: Belle Rose, Labadieville, Paincourtville, Pierre Part, Supreme																																	
Basic Statistics																																	
Population, Size, and Trends		Population – 22,842 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+0.14%) Total Area – 365 square miles (945 sq km), of which 339 square miles (878 sq km) is land and 26 square miles (67 sq km) (7.1%) is water Economy – manufacturing, agriculture, fishing, construction, transportation and warehousing (Assumption Parish website http://www.assumptionla.com/about).																															
Employment and Wages		2013 Annual Average Employment and Total Wages <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Industry</th> <th style="width: 10%;">Business Entities</th> <th style="width: 10%;">Average Employment</th> <th style="width: 10%;">2013 Total Wages</th> </tr> </thead> <tbody> <tr> <td>Manufacturing</td> <td>15</td> <td>1,002</td> <td>\$74,022,657</td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td>34</td> <td>272</td> <td>\$9,481,580</td> </tr> <tr> <td>Construction</td> <td>27</td> <td>244</td> <td>\$11,903,265</td> </tr> <tr> <td>Transportation and warehousing</td> <td>38</td> <td>206</td> <td>\$12,240,522</td> </tr> <tr> <td>Mining</td> <td>9</td> <td>58</td> <td>\$5,370,673</td> </tr> <tr> <td>Wholesale trade</td> <td>12</td> <td>53</td> <td>\$2,331,261</td> </tr> </tbody> </table>				Industry	Business Entities	Average Employment	2013 Total Wages	Manufacturing	15	1,002	\$74,022,657	Agriculture, forestry, fishing and hunting	34	272	\$9,481,580	Construction	27	244	\$11,903,265	Transportation and warehousing	38	206	\$12,240,522	Mining	9	58	\$5,370,673	Wholesale trade	12	53	\$2,331,261
Industry	Business Entities	Average Employment	2013 Total Wages																														
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Flood Risk and Flood Insurance Information																																	
FEMA Mapped V Zone / A Zone		A Zones mapped on the effective FIRM (11/05/1997) VE Zone mapped on the Preliminary revised FIRM (issued 7/28/2009) Percentage of parish in SFHA: 69%																															
Housing and Repetitive Loss Properties		10,390 total housing units (2013) Repetitive Loss Properties <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Community</th> <th style="width: 10%;">RL</th> <th style="width: 10%;">SRL</th> <th style="width: 10%;">Total RL/SRL</th> <th style="width: 10%;">Insured</th> <th style="width: 10%;">Not Insured</th> </tr> </thead> <tbody> <tr> <td>Assumption Parish</td> <td>77</td> <td>5</td> <td>82</td> <td>18</td> <td>64</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	Assumption Parish	77	5	82	18	64																
Community	RL	SRL	Total RL/SRL	Insured	Not Insured																												
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Community	Initial FHBM*	Initial FIRM**	Current Effective Map Date																														
Assumption	01/24/75	05/19/81	11/05/97																														
Napoleonville	N/A	06/20/76	NSFHA***																														

Flood Ordinance Required Elevation Heights	BFE – Assumption Parish			
Participation in FEMA CRS	Assumption Parish does not participate in CRS.			
Flood Risk Mitigation Activities				
Mitigation Plan	“Assumption Parish Hazard Mitigation Plan” April 2011, next update due April 2016. (Plan is unavailable online.)			
Parish Capacity	No specific positions for hazard mitigation.			
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation	1	2	N/A
	Acquisition	1	2	N/A
	Floodproofing	0	0	\$0
	Mitigation Reconstruction	0	0	\$0
	Flood Control	1	1	\$600,815
	Wind Retrofit	2	10	\$1,287,622
Planning	1	1	\$49,993	
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	“Assumption Parish Comprehensive Plan 2008” (found at http://assumptionla.com/compplan).			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	Efficient Land Use Strategies: <ul style="list-style-type: none"> • Adopt effective land use regulations to reduce conflicts, hazards, nuisances and environmental degradation. Update as appropriate and continue to implement the parish hazard mitigation plan. • Continue to enforce state mandated building codes especially as relates to hurricane impact zones and the appropriate levels of protection recommended. Effective Public Services and Facilities Strategies: <ul style="list-style-type: none"> • Update existing parish subdivision regulations to minimize/eliminate development in the floodplains of the parish. 			
Recovery Plan	None			
Hazard mitigation Goals in the Recovery Plan	N/A			

<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>Land Development Regulations (including Subdivisions) http://assumptionla.com/Subdivisions http://classic.edsuite.com/proposals/proposals_280/assumption_land_development_12-11-2013_fi_744.pdf</p> <p>Buildings and Construction Regulations- Flood Damage Prevention Regulations http://classic.edsuite.com/proposals/proposals_280/chapter_5_supplement_4_fi_914.pdf</p>
<p>Adoption of Building Codes</p>	<p>“Uniform Construction Codes and Amendments Effective 1-1-15 as per the Louisiana State Uniform Construction Code Council.”</p>

4.0 Calcasieu Parish Profile

Incorporated Communities within Parish: Cities: DeQuincy, Lake Charles, Sulphur, Westlake Towns: Iowa, Vinton Census-designated places: Carlyss, Gillis, Hayes, Moss Bluff, Prien, Starks							
Basic Statistics							
Population, Size, and Trends		Population – 198,788 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+5%) Total Area – 1,094 square miles (2,833 sq km), of which 1,064 square miles (2,756 sq km) is land and 31 square miles (80 sq km) (2.8%) is water Economy – petrochemicals, navigation (Port of Lake Charles), and more recently the aerospace and gaming industries (Southwest Louisiana Economic Alliance http://allianceswla.org/community-information).					
Employment and Wages		2013 Annual Average Employment and Total Wages					
		Industry	Business Entities	Average Employment	2013 Total Wages		
		Construction	525	10,529	\$541,545,834		
		Manufacturing	165	8,664	\$734,027,271		
		Transportation and warehousing	199	2,947	\$154,225,310		
		Wholesale trade	235	2,489	\$126,160,216		
		Agriculture, forestry, fishing and hunting	27	161	\$6,843,617		
Flood Risk and Flood Insurance Information							
FEMA Mapped V Zone/A Zone		V and A Zones mapped on the effective FIRM (2/18/2011) Percentage of parish in SFHA: 39%					
Housing and Repetitive Loss Properties		84,293 total housing units (2013)					
		Repetitive Loss Properties					
		Community	RL	SRL	Total RL/SRL	Insured	Not Insured
		Calcasieu Parish	332	63	395	222	173
		DeQuincy	1	0	1	0	1
		Iowa	7	0	7	2	5
		Lake Charles	230	29	259	134	125
		Sulphur	46	20	66	41	25
		Vinton	1	0	1	1	0
		Westlake	14	4	18	12	6
TOTAL CALCASIEU PARISH	631	116	747	412	335		

Participation in the NFIP	Community	Initial FHBM*	Initial FIRM**	Current Effective Map Date		
	Calcasieu Parish (unincorporated)	09/13/74	09/29/78	2/18/11		
	DeQuincy	01/16/74	04/02/79	02/18/11		
	Iowa	05/24/74	02/04/88	02/18/11		
	Lake Charles	11/01/74	10/16/79	02/18/11		
	Sulphur	05/24/76	08/16/88	02/18/11		
	Vinton	05/22/74	07/16/81	02/18/11		
	Westlake	05/17/74	02/03/82	02/18/11		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE + 1 and higher – Calcasieu Parish adopted a Freeboard Elevation Ordinance that requires one foot above the highest of four criteria which results in elevations higher than one foot in some cases. See http://www.cppi.net/modules/showdocument.aspx?documentid=3257 for more information.					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	Calcasieu	10/1/91 10/1/07	8	6,891	\$4,282,503	\$303,684
Lake Charles	10/1/04 05/1/12	8	5,155	\$3,357,046	\$192,097	
Flood Risk Mitigation Activities						
Mitigation Plan	"Calcasieu Parish Multi-Jurisdictional Hazard Mitigation Plan" updated December 2015. (http://www.cityoflakecharles.com/egov/documents/1456860468_99819.pdf)					
Parish Capacity	Parish has two CFMs, one of which is the CRS Coordinator, as well as four staff dedicated to HMGP and CDBG grants. The Hazard Mitigation Plan Team is led by the Office of Homeland Security and Emergency Preparedness.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	7	42	\$7,919,216		
	Elevation (GOHSEP/OCD)	N/A	30	N/A		
	Acquisition	10	26	\$4,792,476		
	Acquisition (GOHSEP)	N/A	11	N/A		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	4	5	\$641,471		
	Flood Control	1	1	\$2,900,000		
	Wind Retrofit	11	24	\$3,000,100		
Planning	0	0	\$0			

Information from Comprehensive, Land Use, and Recovery Plans	
Comprehensive Plan	None
Hazard mitigation Goals/Actions in the Comprehensive Plan	N/A
Recovery Plan	None
Hazard Mitigation Goals in the Recovery Plan	N/A
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Calcasieu Parish Drainage Mission, Guiding Principles and Objectives 2015 http://www.cppj.net/modules/showdocument.aspx?documentid=3734</p> <p>Calcasieu Parish Zoning Ordinance and Map http://www.cppj.net/index.aspx?page=522</p> <p>City of Lake Charles Zoning Map and Ordinance http://www.cityoflakecharles.com/department/division.php?structureid=165 http://www.cityoflakecharles.com/department/division.php?structureid=154</p>
Adoption of Building Codes	<p>“The International Building Code, 2012 Edition; The International Existing Building Code, 2012 Edition; The International Residential Code, 2012 Edition; The International Mechanical Code, 2012 Edition; The National Electrical Code, 2011 Edition; The Louisiana State Plumbing Code, 2013 Edition.”</p> <p>Buildings in Calcasieu Parish Police Jury Code of Ordinances https://www.municode.com/library/la/calcasieu_parish_police_jury/codes/code_of_ordinances?nodeId=COOR_CH6BU</p>

5.0 Cameron Parish Profile

Incorporated Communities within Parish: (none)						
Census-designated places: Cameron, Creole, Grand Chenier, Grand Lake, Hackberry, Holly Beach, Johnson Bayou						
Basic Statistics						
Population, Size, and Trends	Population – 6,817 (2015 estimate) Population Change Rate (from 2000 to 2010) – (-31%) Total Area – 1,937 square miles (5,017 sq km), of which 1,285 square miles (3,328 sq km) is land and 652 square miles (1,689 sq km) (34%) is water Economy – outdoor recreation (e.g., hunting/fishing), and oil and gas (Southwest Louisiana Economic Alliance http://allianceswla.org/community-information).					
Employment and Wages	2013 Annual Average Employment and Total Wages					
	Industry	Business Entities	Average Employment	Total Wages		
	Transportation and warehousing	25	325	\$20,971,567		
	Manufacturing	5	307	\$36,663,589		
	Construction	20	277	\$20,314,211		
	Wholesale trade	25	274	\$15,132,743		
	Mining	23	257	\$16,498,913		
	Agriculture, forestry, fishing and hunting	8	76	\$2,705,272		
Flood Risk and Flood Insurance Information						
FEMA Mapped V Zone / A Zone	V and A Zones are mapped on the effective FIRM (11/16/2012) Percentage of parish in SFHA: 89%					
Housing and Repetitive Loss Properties	3,755 total housing units (2013)					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not Insured
	Cameron Parish	361	81	442	261	181
Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date		
	Cameron Parish	09/01/70	09/04/70	11/16/12		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE – Cameron Parish					
Participation in FEMA CRS	Cameron Parish does not participate in CRS.					

Flood Risk Mitigation Activities				
Mitigation Plan	“Cameron Parish Hazard Mitigation Plan,” updated in 2015, next update due 2020. https://www.dropbox.com/s/ecn2qvuaeaj025tq/Cameron%20Hazard%20Mitigation%20Plan%20FINAL%20Approved%20Plan.pdf?dl=0			
Parish Capacity	Parish has two CFMs and is working towards applying to CRS.			
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation	2	10	\$2,153,884
	Elevation (GOHSEP/OCD)	N/A	75	N/A
	Acquisition	0	0	\$0
	Floodproofing	1	1	\$252,000
	Mitigation Reconstruction	13	13	\$870,026
	Flood Control	2	2	\$5,540,693
	Wind Retrofit	4	26	\$1,792,892
Planning	0	0	\$0	
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	None			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	N/A			
Recovery Plan	“Cameron Parish Redevelopment Plan” (2006) and “Cameron Parish Long-Term Community Recovery & Gustav-Ike Recovery Proposal” (CDBG).			
Hazard Mitigation Goals in the Recovery Plan	N/A			
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	Flood Damage Prevention Ordinance in Cameron Parish Police Jury Code of Ordinances (updated 2015) https://www.municode.com/library/la/cameron_parish_police_jury/codes/code_of_ordinances?nodeId=COOR_CH7FLDAPR			
Adoption of Building Codes	“The International Building Code, 2012 Edition; The International Existing Building Code, 2012 Edition; The International Residential Code, 2012 Edition; The International Mechanical Code, 2012 Edition; The National Electrical Code, 2011 Edition; International Fuel Gas Code, 2012 Edition; Louisiana State Plumbing Code 2013 Edition.” Building Codes and Permits in Cameron Parish Police Jury Code of Ordinances (updated 2015) https://www.municode.com/library/la/cameron_parish_police_jury/codes/code_of_ordinances?nodeId=COOR_CH4_1-4BUCOPE			

6.0 Iberia Parish Profile

Incorporated Communities within Parish: Cities: New Iberia, Jeanerette Towns: Delcambre (part) Villages: Loreauville Census-designated places: Grand Marais, Lydia				
Basic Statistics				
Population, Size, and Trends	Population – 74,103 (2015 estimate) Population Change Rate (from 2000 to 2010) – (-0.03%) Total Area – 1,031 square miles (2,670 sq km), of which 574 square miles (1,487 sq km) is land and 456 square miles (1,181 sq km) (44%) is water Economy – Transportation/navigation combined with industrial development facilities including the Iberia Industrial Development Foundation (IDF), as well as the Port of Iberia, Acadiana Regional Airport and LeMaire Memorial Airport Industrial Park Complexes (Acadiana Economic Development http://www.teamacadiana.org).			
Employment and Wages	2013 Annual Average Employment and Total Wages			
	Industry	Business Entities	Average Employment	Total Wages
	Manufacturing	147	4,803	\$269,087,095
	Mining	67	4,228	\$315,347,412
	Construction	139	2,555	\$146,224,932
	Transportation and warehousing	77	1,594	\$102,785,794
	Wholesale trade	109	1,111	\$50,700,038
	Agriculture, forestry, fishing and hunting	42	388	\$13,572,402
Flood Risk and Flood Insurance Information				
FEMA Mapped V Zone / A Zone	V and A Zones are mapped on the effective FIRM (12/2/2011) Percentage of parish in SFHA: 78%			

Housing and Repetitive Loss Properties	29,832 total housing units (2013)					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not insured
	Iberia Parish (unincorporated)	262	19	281	199	82
	Delcambre	68	5	73	57	16
	Jeanerette	4	0	4	0	4
	New Iberia	37	3	40	16	24
	TOTAL IBERIA PARISH	371	27	398	272	126
Participation in NFIP	Community	Initial FHBM* Identified		Initial FIRM** Identified		Current Effective Map Date
	Iberia Parish	06/28/77		07/03/78		12/02/11
	Delcambre	04/05/74		04/04/83		12/02/11
	Jeanerette	09/07/73		06/30/76		12/02/11
	Loreauville	10/24/75		12/02/11		12/02/11
	New Iberia	05/17/74		08/22/78		12/02/11
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE + 1 – Iberia Parish (recently adopted IBC Codes 2012 which includes 1 foot of freeboard).					
Participation in FEMA CRS	Iberia Parish does not participate in CRS.					
Flood Risk Mitigation Activities						
Mitigation Plan	"Iberia Parish Hazard Mitigation Plan Update – 2015," next update due 2020 (found at http://www.iberiaparishgovernment.com/forms/dept-911-HMP.pdf).					
Parish Capacity	Parish has two mitigation planning staff; one CFM and the other position at the Iberia Parish Office of Homeland Security and Emergency Preparedness (OHSEP) dedicated to hazard mitigation and grants management.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	1	7	\$746,000		
	Elevation (GOHSEP/OCD)	N/A	114	N/A		
	Acquisition	0	0	\$0		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	0	0	\$0		
	Flood Control	0	0	\$0		
	Wind Retrofit	2	19	\$2,077,000		
	Planning	0	0	\$0		

Information from Comprehensive, Land Use, and Recovery Plans	
Comprehensive Plan	None
Hazard Mitigation Goals/Actions in the Comprehensive Plan	N/A
Recovery Plan	None
Hazard Mitigation Goals in the Recovery Plan	N/A
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Subdivision Regulations (updated 2007) http://www.iberiaparishgovernment.com/forms/dept-plan-SubdivisionRegs.pdf</p> <p>Zoning Ordinance (2009) http://www.iberiaparishgovernment.com/dept-planning.asp</p> <p>No fill in floodplain ordinance and if fill is placed it must have a state licensed engineer foundation design to get to natural ground.</p>
Adoption of Building Codes	"The International Building Code, 2012 Edition."

7.0 Iberville Parish Profile

Incorporated Communities within Parish: Cities: Plaquemine, St. Gabriel Towns: Maringouin, White Castle Villages: Grosse Tete, Rosedale						
Basic Statistics						
Population, Size, and Trends	Population – 33,095 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+0.20%) Total Area – 653 square miles (1,691 sq km), of which 619 square miles (1,603 sq km) is land and 34 square miles (88 sq km) (5%) is water Economy – Transportation/navigation combined with an industrial corridor that includes several large chemical industrial plants anchor the economy. Other important industries include tourism, agriculture, and fishing (Iberville Parish Government http://www.ibervilleparish.com/living).					
Employment and Wages	2013 Annual Average Employment and Total Wages					
	Industry	Business Entities	Average Employment	Total Wages		
	Manufacturing	54	3,954	\$362,822,004		
	Professional and technical services	61	225	\$11,413,782		
	Construction	83	1,525	\$94,672,224		
	Transportation and warehousing	49	820	\$46,382,224		
	Retail trade	92	981	\$23,922,825		
	Public administration	53	1,702	\$69,171,205		
Flood Risk and Flood Insurance Information						
FEMA Mapped V Zone / A Zone	A Zones are mapped on the effective FIRM (11/6/2013) Percentage of parish in SFHA: 78%					
Housing and Repetitive Loss Properties	12,844 total housing units (2013)					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not Insured
	Iberville Parish (unincorporated)	52	2	54	5	49
	Plaquemine	2	0	2	0	2
TOTAL IBERVILLE PARISH	54	2	56	5	51	
Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date		
	Iberville Parish	10/18/74	06/01/78	11/06/13		
	Grosse Tete	01/25/74	03/01/78	11/06/13		
	Maringouin	04/12/74	11/06/13	11/06/13		
	Plaquemine	04/12/74	11/06/13	11/06/13		
	Rosedale	12/07/73	09/01/87	11/06/13		
	St. Gabriel	10/18/74	08/05/91	11/06/13		
	White Castle	09/07/73	11/06/13	11/06/13		
*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map						

Flood Ordinance Required Elevation Heights	BFE – Iberville Parish			
Participation in FEMA CRS	Iberville Parish does not participate in CRS.			
Flood Risk Mitigation Activities				
Mitigation Plan	"Iberville Parish All Hazard Mitigation Plan" August 2009, next update due 2014. (Plan is unavailable online.)			
Parish Capacity	No specific positions for hazard mitigation.			
<p>Summary of Past Mitigation Activities Since Hurricane Katrina</p> <p>Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources</p>	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation	0	0	\$0
	Acquisition	0	0	\$0
	Floodproofing	0	0	\$0
	Mitigation Reconstruction	0	0	\$0
	Flood Control	4	N/A	\$642,462
	Wind Retrofit	1	1	\$106,283
	Planning	0	0	\$0
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	"2005_Iberville Parish Community Master Plan" (found at http://www.blankspages.com/Downloads/MASTER.pdf).			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	Includes Flood Zones and Emergency Preparedness as planning considerations.			
Recovery Plan	None			
Hazard Mitigation Goals in the Recovery Plan	N/A			
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Unified Development Code https://www.municode.com/library/la/iberville_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_APXBUNDECO</p> <p>Development & Land Use Regulations http://ibervilleparish.com/Departments/Planning-Commission</p> <p>Drainage and Flood Protection Ordinance in Iberville Parish Unified Development Code http://www.ibervilleparish.com/pdf/Unified%20Development%20Code%20-Updated.pdf</p> <p>Subdivision Regulations https://www.municode.com/library/la/iberville_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_APXASURE</p>			
Adoption of Building Codes	<p>"The International Building Code, 2006 Edition; The International Existing Building Code, 2006 Edition."</p> <p>Buildings and Building Regulations https://www.municode.com/library/la/iberville_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH4BUBURE</p>			

8.0 Jefferson Parish Profile

Incorporated Communities within Parish: Cities: Gretna, Harahan, Kenner, Westwego Towns: Grand Isle, Jean Lafitte Census-designated places: Avondale, Barataria, Bridge City, Elmwood, Estelle, Harvey, Jefferson, Lafitte, Marrero, Metairie, River Ridge, Terrytown, Timberlane, Waggaman, Woodmere							
Basic Statistics							
Population, Size, and Trends		Population – 436,275 (2015 estimate) Population Change Rate (from 2000 to 2010) – (-5%) Total Area – 665 square miles (1,722 sq km), of which 296 square miles (767 sq km) is land and 370 square miles (958 sq km) (56%) is water Economy – navigation, fishing, tourism, oil and gas (Jefferson Parish Economic Development Commission http://www.jedco.org/jefferson-parish-economic-profile/).					
Employment and Wages		2013 Annual Average Employment and Total Wages					
		Industry	Business Entities	Average Employment	Total Wages		
		Construction	1,252	13,436	\$677,184,360		
		Manufacturing	435	11,072	\$652,204,394		
		Wholesale trade	1,064	10,540	\$668,748,926		
		Transportation and warehousing	466	8,709	\$470,033,227		
		Mining	71	1,369	\$151,417,360		
		Agriculture, forestry, fishing and hunting	23	39	\$1,413,048		
Flood Risk and Flood Insurance Information							
FEMA Mapped V Zone / A Zone		V and A Zones are mapped on the effective FIRM (3/23/1995) Percentage of parish in SFHA: 66%					
Housing and Repetitive Loss Properties		188,736 total housing units (2013) Repetitive Loss Properties					
		Community	RL	SRL	Total RL/SRL	Insured	Not Insured
		Jefferson Parish (unincorporated)	5,210	1,515	6,725	4,691	2,034
		Grand Isle	457	83	540	251	289
		Gretna	386	109	495	293	202
		Harahan	84	34	118	73	45
		Kenner	550	139	689	481	208
		Jean Lafitte	119	11	130	100	30
		Westwego	89	26	115	35	80
		TOTAL JEFFERSON PARISH	6,895	1,917	8,812	5,924	2,888

Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date		
	Jefferson Parish	03/03/70	10/13/71	03/23/95		
	Grand Isle	10/20/70	08/28/70	03/23/95		
	Gretna	N/A	08/14/70	03/23/95		
	Harahan	N/A	06/15/73	03/23/95		
	Kenner	06/26/71	06/25/71	03/23/95		
	Jean Lafitte	N/A	10/01/71	03/23/95		
	Westwego	04/16/76	12/28/76	03/23/95		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	<p>BFE + 2 or greater – The unincorporated Jefferson Parish Higher Regulatory Standards require structures to go above the BFE:</p> <ul style="list-style-type: none"> For both East Bank and West Bank – 18 in above the centerline of the street or no less than -3.5 Areas outside of the Hurricane Storm Damage Risk Reduction System (HSDRRS) system, 2 ft. above the 2012 DFIRMs 					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	Jefferson Parish	10/1/92 05/1/10	6	92,214	\$76,645,647	\$15,273,279
	Gretna	10/1/00 5/1/11	8	3,408	\$3,351,761	\$255,092
	Harahan	10/1/08 10/1/08	8	2,526	\$1,587,957	\$84,374
	Kenner	10/1/92 05/1/09	7	15,618	\$14,978,775	\$2,448,336
	Westwego	10/1/07 10/1/07	8	1,376	\$992,646	\$53,794
	Jean Lafitte	5/1/15	8	255	\$281,546	N/A
Flood Risk Mitigation Activities						
Mitigation Plan	"Jefferson Parish 2015 Multijurisdictional Hazard Mitigation Plan Update," adopted June 2015, next update due 2020 (found at http://www.jeffparish.net/index.aspx?page=3822).					
Parish Capacity	Parish has five CFMs, a CRS Coordinator, and two staff members who oversee hazard mitigation grants.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation (Parish)	31	1,120	\$137,391,195		
	Elevation (GOHSEP/OCD)	N/A	6,769	N/A		

	Acquisition	0	0	\$0
	Floodproofing	0	0	\$0
	Mitigation Reconstruction	74	74	\$16,897,952
	Flood Control	7	N/A	\$68,463,911
	Wind Retrofit	2	2	\$1,189,300
	Planning	0	0	\$0
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	"Implementing Envision Jefferson 2020: Mixed-Use and Smart Growth Alternatives" 2006 (found at http://www.norpc.org/assets/pdf-documents/ImplementingEnvision2020FinalSmall.pdf).			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	The plan includes hazard mitigation design guidelines, an emphasis on the value of wetlands, and an entire appendix (C) on hazard mitigation. This appendix includes lines of defense, future scenarios, and mitigation recommendations.			
Recovery Plan	None			
Hazard Mitigation Goals in the Recovery Plan	N/A			
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Zoning Map for Unincorporated Areas http://www.jeffparish.net/index.aspx?page=656</p> <p>Comprehensive Zoning Ordinance in Unified Development Code https://www.municode.com/library/la/jefferson_parish/codes/code_of_ordinances?nodeId=PTIICOOR_CH33UNDECO_ART3ZO</p> <p>Flood Damage Prevention Ordinance in Jefferson Parish Code of Ordinances https://www.municode.com/library/la/jefferson_parish/codes/code_of_ordinances?nodeId=PTIICOOR_CH14FLDAPROR</p> <p>The Parish adopted a 2 ft freeboard for outside the levee area.</p>			
Adoption of Building Codes	<p>"The International Building Code, 2012 Edition; The International Existing Building Code, 2012 Edition; The International Residential Code, 2012 Edition; The International Mechanical Code, 2012 Edition; The International Fuel Gas Code, 2012 Edition; The National Electrical Code, 2011 Edition; The Louisiana State Sanitary Code, 2013 Edition."</p> <p>Buildings and Building Regulations in Jefferson Parish Code of Ordinances https://www.municode.com/library/la/jefferson_parish/codes/code_of_ordinances?nodeId=PTIICOOR_CH8BUBURE</p>			

9.0 Jefferson Davis Parish Profile

Incorporated Communities within Parish: Cities: Jennings Towns: Elton, Lake Arthur, Welsh Villages: Fenton							
Basic Statistics							
Population, Size, and Trends		Population – 31,439 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+0.5%) Total Area – 659 square miles (1,707 sq km), of which 652 square miles (1,689 sq km) is land and 7 square miles (18 sq km) (1%) is water Economy – health care services, shipbuilding, construction, agriculture, and oil field service (Southwest Louisiana Economic Alliance http://allianceswla.org/community-information).					
Employment and Wages		2013 Annual Average Employment and Total Wages					
		Industry	Business Entities	Average Employment	Total Wages		
		Construction	69	518	\$17,885,155		
		Manufacturing	20	419	\$21,961,387		
		Mining	21	354	\$21,479,866		
		Wholesale trade	29	298	\$10,960,760		
		Transportation and warehousing	31	227	\$9,828,579		
		Agriculture, forestry, fishing and hunting	19	103	\$3,421,398		
Flood Risk and Flood Insurance Information							
FEMA Mapped V Zone / A Zone		V and A Zones are mapped on the effective FIRM (7/22/2010) Percentage of parish in SFHA: 45%					
Housing and Repetitive Loss Properties		13,351 total housing units (2013)					
		Repetitive Loss Properties					
		Community	RL	SRL	Total RL/SRL	Insured	Not insured
		Jefferson Davis Parish (unincorporated)	7	0	7	2	5
		Jennings	1	0	1	1	0
		Lake Arthur	3	0	3	2	1
TOTAL JEFFERSON DAVIS PARISH		11	0	11	5	6	

Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date
	Jefferson Davis Parish	05/17/77	06/15/88	07/22/10
	Elton	03/15/74	02/03/82	07/22/10
	Fenton	N/A	07/22/10	NSFHA***
	Jennings	12/01/74	04/15/81	07/22/10
	Lake Arthur	01/09/74	04/15/81	07/22/10
	Welsh	05/24/74	07/16/81	07/22/10
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map ***NSFHA – No Special Flood Hazard Area (All Zone C- areas of minimal flood hazard)			
Flood Ordinance Required Elevation Heights	BFE – All jurisdictions use BFE			
Participation in FEMA CRS	Jefferson Davis Parish does not participate in CRS.			
Flood Risk Mitigation Activities				
Mitigation Plan	"Jefferson Davis Parish Hazard Mitigation Plan" 2011, next update due August 2016. (Plan is unavailable online.)			
Parish Capacity	Parish has one staff member dedicated as the Floodplain Manager and one staff member dedicated to Hazard Mitigation.			
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation	0	0	\$0
	Acquisition	1	1	\$155,000
	Floodproofing	0	0	\$0
	Mitigation Reconstruction	0	0	\$0
	Flood Control	0	0	\$0
	Wind Retrofit	1	10	\$1,190,096
Planning	2	2	\$199,994	
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	None			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	N/A			
Recovery Plan	None			
Hazard Mitigation Goals in the Recovery Plan	N/A			

<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>Zoning in Jefferson Davis Parish Police Jury Code of Ordinances https://www.municode.com/library/la/jefferson_davis_parish_police_jury/codes/code_of_ordinances?nodeld=COOR_CH21ZO</p> <p>Flood Damage Prevention in Jefferson Davis Parish Police Jury Code of Ordinances https://www.municode.com/library/la/jefferson_davis_parish_police_jury/codes/code_of_ordinances?nodeld=COOR_CH5_1-2BUCO_ARTIIFLDAPR</p>
<p>Adoption of Building Codes</p>	<p>“The International Building Code, 2006 Edition; The International Existing Building Code, 2006 Edition; The International Residential Code, 2006 Edition; The International Mechanical Code, 2006 Edition; The Louisiana State Plumbing Code; The International Fuel Gas Code, 2006 Edition; The National Electrical Code, 2005 Edition.”</p> <p>Buildings and Construction in Jefferson Davis Parish Police Jury Code of Ordinances https://www.municode.com/library/la/jefferson_davis_parish_police_jury/codes/code_of_ordinances?nodeld=COOR_CH5_1-2BUCO</p>

10.0 Lafayette Parish Profile

Incorporated Communities within Parish: Cities: Broussard, Carencro, Lafayette, Scott, Youngsville Towns: Duson Census-designated places: Milton, Ossun							
Basic Statistics							
Population, Size, and Trends		Population – 240,098 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+16%) Total Area – 269 square miles (700 sq km), of which 269 square miles (700 sq km) is land and 0.5 square miles (1.3 sq km) (0.2%) is water Economy – energy services, manufacturing, health care, transportation and distribution, education, information technology, finance, tourism and other service-related industries. (Lafayette Economic Development Authority http://www.lafayette.org/lafayette).					
Employment and Wages		2013 Annual Average Employment and Total Wages					
		Industry	Business Entities	Average Employment	Total Wages		
		Health care and social assistance	1,067	20,855	\$872,397,001		
		Retail trade	1,119	16,685	\$463,407,441		
		Manufacturing	414	9,849	\$530,805,434		
		Professional and technical services	1,486	8,886	\$565,915,890		
		Wholesale trade	607	6,882	\$408,262,014		
		Transportation and warehousing	245	3,984	\$197,766,985		
Flood Risk and Flood Insurance Information							
FEMA Mapped V Zone / A Zone		A Zones mapped on the effective FIRMS (1/19/1996 & 1/20/1999) Percentage of parish in SFHA: approximately 35%					
Housing and Repetitive Loss Properties (Per Rep Loss List as of 6/30/2016)		101,832 total housing units (total address points from GIS as of 10/2016)					
		Repetitive Loss Properties					
		Community	RL	SRL	Total RL/SRL	Insured	Not Insured
		Lafayette Parish (unincorporated)	89	10	99	49	50
		Lafayette City	105	12	117	43	74
TOTAL LAFAYETTE PARISH		194	22	216	92	124	
Participation in NFIP		Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date		
		Lafayette Parish	11/15/77	8/1/80	1/20/99		
		Broussard	4/12/74	3/16/88	11/4/10		

	<table border="1"> <tr> <td>Carencro</td> <td>3/26/76</td> <td>11/5/80</td> <td>1/19/96</td> </tr> <tr> <td>Duson</td> <td>4/5/74</td> <td>9/30/81</td> <td>11/26/10</td> </tr> <tr> <td>Lafayette</td> <td>3/1/74</td> <td>9/30/80</td> <td>1/20/99</td> </tr> <tr> <td>Scott</td> <td>6/14/74</td> <td>4/4/83</td> <td>1/20/99</td> </tr> <tr> <td>Youngsville</td> <td>4/5/74</td> <td>3/30/82</td> <td>1/19/96</td> </tr> <tr> <td colspan="4">*FHBM - Flood Hazard Boundary Map</td> </tr> <tr> <td colspan="4">**FIRM - Flood Insurance Rate Map</td> </tr> </table>	Carencro	3/26/76	11/5/80	1/19/96	Duson	4/5/74	9/30/81	11/26/10	Lafayette	3/1/74	9/30/80	1/20/99	Scott	6/14/74	4/4/83	1/20/99	Youngsville	4/5/74	3/30/82	1/19/96	*FHBM - Flood Hazard Boundary Map				**FIRM - Flood Insurance Rate Map			
Carencro	3/26/76	11/5/80	1/19/96																										
Duson	4/5/74	9/30/81	11/26/10																										
Lafayette	3/1/74	9/30/80	1/20/99																										
Scott	6/14/74	4/4/83	1/20/99																										
Youngsville	4/5/74	3/30/82	1/19/96																										
*FHBM - Flood Hazard Boundary Map																													
**FIRM - Flood Insurance Rate Map																													
Flood Ordinance Required Elevation Heights	Lafayette Consolidated Government (Parish and City) has a one foot freeboard BFE +1																												
Participation in FEMA CRS and NFIP data relevant to CRS (Information as of 8/31/2016 per NFIP BureauNet)	CRS Participation, NFIP Policies, Premiums, and Savings																												
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount																							
	Lafayette Parish	10/1/11 10/1/11	8	7,568	\$4,125,167																								
	Carencro	5/1/09 5/1/10	8																										
	Lafayette	10/1/11 10/1/11	8	5,820	\$3,631,606																								
	Scott	10/1/12 10/1/12	8																										
Flood Risk Mitigation Activities																													
Mitigation Plan	"Lafayette Parish Hazard Mitigation Plan" March 2016, next update due 2021 (found at http://hmpplans.sdmi.lsu.edu/assets/docs/Lafayette/LafayetteParishHMPlanFINAL5-16-16.pdf).																												
Parish Capacity	City of Lafayette and the unincorporated areas has five CFMs																												
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources (For all of Lafayette Parish as of 10/2016)	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented																									
	Elevation																												
	Elevation (GOHSEP/OCD)	2	8	\$868,000																									
	Acquisition	2	25	\$3,670,000																									
	Floodproofing	0	0	\$0																									
	Mitigation Reconstruction	0	0	\$0																									
	Flood Control	0	0	\$0																									
	Wind Retrofit	0	0	\$0																									
	Planning	0	0	\$0																									
Information from Comprehensive, Land Use, and Recovery Plans																													
Comprehensive Plan	"Plan Lafayette 2035" 2015 (found at																												

	http://www.lafayette.la.gov/ComprehensivePlan/Documents/PlanLaf_2015_Amendments.pdf .
Hazard Mitigation Goals/Actions in the Comprehensive Plan	<p>The plan establishes a framework for long-range community growth, development, and redevelopment. Representative examples of mitigation and resiliency goals, strategies and actions are:</p> <ul style="list-style-type: none"> • Enhance flood protection in the parish. • Increase sustainable practices in electric, water, sewer utilities and waste management, contingent on adequate funding. • Reduce potential property damage and hazard to life through sound site design practices, and building design practices, and locating development away from known hazard areas. <ul style="list-style-type: none"> ○ Conduct a risk assessment to determine the potential impacts of hazards to the people and economy of Lafayette by reviewing existing data on hazards, technology, and available protection resources; use the results of the risk assessment to create mitigation strategies and to prepare the Emergency Evacuation Plan. ○ Continue to require building elevating and flood proofing in the special hazard areas; review the impacts of existing standards and the need for more stringent building standards where needed. • Increase open space and create a green infrastructure network that provides recreational opportunities, helps alleviate stormwater runoff, and assists in protecting the parish from storm hazards.
Recovery Plan	None
Hazard Mitigation Goals in the Recovery Plan	N/A
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Lafayette Zoning Ordinance (2012) http://www.lafayette.la.gov/PZD/Zoning/SiteAssets/Files/Zoning-Ordinance.pdf</p> <p>Lafayette Consolidated Government Unified Development Code http://www.lafayette.la.gov/ComprehensivePlan/Documents/UDC-Combined%20Amended%20March%202016.pdf</p> <p>Flood Damage Prevention Regulations in Lafayette Parish Code of Ordinances https://www.municode.com/library/la/lafayette_city-parish consolidated government/codes/code_of_ordinances?nodeId=PTIICOOR_CH26D ERE_ARTXIFLDAPR</p>
Adoption of Building Codes	<p>The International Building Code, 2012 Edition; The International Existing Building Code, 2012 Edition; The International Residential Code, 2012 Edition; The International Mechanical Code, 2012 Edition; The International Fuel Gas Code, 2012 Edition; The National Electrical Code, 2011 Edition; The Louisiana State Plumbing Code, 2013 Edition. With amendments.</p> <p>Buildings and Building Regulations in Lafayette Consolidated Government Code of Ordinances https://www.municode.com/library/la/lafayette_city-parish consolidated government/codes/code_of_ordinances?nodeId=PTIICOOR_CH26D ERE_ARTIIBUCO</p>

11.0 Lafourche Parish Profile

Incorporated Communities within Parish: Cities: Thibodaux Towns: Golden Meadow, Lockport Census-designated places: Chackbay, Cut Off, Des Allemands, Galliano, Larose, Mathews, Port Fourchon, Raceland							
Basic Statistics							
Population, Size, and Trends		Population – 98,325 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+7%) Total Area – 1,474 square miles (3,818 sq km), of which 1,068 square miles (2,766 sq km) is land and 406 square miles (1,052 sq km) (28%) is water Economy – Port Fourchon which includes vital links to the oil and gas industry as well as shipping. Other important industries are shipbuilding, fisheries, livestock, and agriculture (Lafourche Parish Government http://www.lafourchegov.org/about-lafourche).					
Employment and Wages		2013 Annual Average Employment and Total Wages					
		Industry	Business Entities	Average Employment	Total Wages		
		Transportation and warehousing	211	9,046	\$781,948,886		
		Manufacturing	80	3,014	\$181,774,799		
		Construction	153	2,093	\$110,567,788		
		Mining	69	1,522	\$135,276,615		
		Wholesale trade	81	704	\$36,315,171		
		Agriculture, forestry, fishing and hunting	29	215	\$7,879,985		
Flood Risk and Flood Insurance Information							
FEMA Mapped V Zone / A Zone		A Zones mapped on the effective FIRMs (4/17/1985 & 5/4/1992) V Zones mapped on the Preliminary FIRM (7/30/2008) Advisory Base Flood Elevations (ABFE) mapped Percentage of parish in SFHA: 91%					
Housing and Repetitive Loss Properties		39,163 total housing units (2013)					
		Repetitive Loss Properties					
		Community	RL	SRL	Total RL/SRL	Insured	Not Insured
		Lafourche Parish (unincorporated)	324	65	389	183	206
		Golden Meadow	12	0	12	6	6
		Lockport	16	0	16	12	4
		Thibodaux	22	0	22	11	11
TOTAL LAFOURCHE PARISH	374	65	439	212	227		

Participation in NFIP	Community	Initial FHBM*	Initial FIRM**	Current Effective Map Date		
	Lafourche Parish	05/07/71	07/01/74	4/17/1985 & 05/04/92		
	Golden Meadow	11/20/70	09/11/70	07/11/75		
	Lockport	01/10/75	08/15/80	08/15/80		
	Thibodaux	02/12/74	02/07/78	12/15/89		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE – Lafourche Parish					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	Lafourche Parish	1/1/92 5/1/04	10	11,547	\$9,119,440	\$0
Flood Risk Mitigation Activities						
Mitigation Plan	"Lafourche Parish Hazard Mitigation Plan" September 2015, next update due 2020 (found at http://www.lafourchegov.org/home/showdocument?id=20116).					
Parish Capacity	Parish has three CFMs; one is the Parish Floodplain Manager and two work for Permits and Coastal Zone Management.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	3	20	\$3,338,471		
	Elevation (GOHSEP/OCD)	N/A	39	N/A		
	Acquisition	2	10	\$1,577,766		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	2	2	\$430,998		
	Flood Control	12	N/A	\$24,598,442		
	Wind Retrofit	2	3	\$251,465		
Planning	1	N/A	\$150,000			
Information from Comprehensive, Land Use, and Recovery Plans						
Comprehensive Plan	"The Lafourche Parish Comprehensive Resiliency Plan" 2014 (found at http://www.lafourchegov.org/home/showdocument?id=2418).					
Hazard Mitigation Goals/Actions in the Comprehensive Plan	<p>The plan is geared toward resiliency. Representative examples of mitigation and resiliency goals, strategies and actions are:</p> <ul style="list-style-type: none"> • Adopt and Implement Development Standards at the community level using 					

	<p>the Best Practices Manual for Development in Coastal Louisiana (2012), the Louisiana Land Use Toolkit and the Coastal Toolkit as guides.</p> <ul style="list-style-type: none"> ○ Evaluate housing in flood zones and recommend future construction that is consistent with the community character (e.g., pier elevation) and does not result in flooding of surrounding areas. ● Establish areas where site level development should occur that will enhance long-term resiliency and align with the Vision map. ● Improve resiliency to floods and other natural disasters by utilizing best practices for coastal development. ● Identify and pursue preventative measures that will reduce damages from future hazards.
Recovery Plan	None
Hazard Mitigation Goals in the Recovery Plan	N/A
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>Master Drainage Plan (2012) http://lafourchegov.org/government/departments/planning/master-drainage-plan</p> <p>Planning and Zoning Ordinances http://www.lafourchegov.org/mwg-internal/de5fs23hu73ds/progress?id=BtxaYBQfKMV8XHCuPwx4DO7fIOPJTJRDgnKDelmcU4Q,&dl</p> <p>Land Development in Lafourche Parish Code of Ordinances https://www.municode.com/library/la/lafourche_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH22LADE</p> <p>Flood Damage Prevention Regulations in Lafourche Parish Code of Ordinances https://www.municode.com/library/la/lafourche_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH10BUBURE_ARTIVFLDAPRRE</p>
Adoption of Building Codes	<p>“Pursuant to R.S. 40:1730.21 et seq., the parish adopted the Louisiana State Uniform Construction Code.”</p> <p>Buildings and Building Regulations in Lafourche Parish Code of Ordinances https://www.municode.com/library/la/lafourche_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH10BUBURE</p>

12.0 Livingston Parish Profile

<p>Incorporated Communities within Parish:</p> <p>Cities: Denham Springs, Walker</p> <p>Towns: Livingston, Springfield, Albany</p> <p>Villages: French Settlement, Killian, Port Vincent</p> <p>Census-designated places: Watson</p>																																																																	
Basic Statistics																																																																	
Population, Size, and Trends		<p>Population – 137,788 (2015 estimate)</p> <p>Population Change Rate (from 2000 to 2010) – (+39%)</p> <p>Total Area – 703 square miles (1,821 sq km), of which 648 square miles (1,678 sq km) is land and 55 square miles (142 sq km) (7.8%) is water</p> <p>Economy – rapid suburban development resulting from close proximity to Baton Rouge, manufacturing, and transportation-oriented businesses resulting from Parish’s location along I-10/12 Corridor (Livingston Economic Development Council http://ledc.net).</p>																																																															
Employment and Wages		<p>2013 Annual Average Employment and Total Wages</p> <table border="1"> <thead> <tr> <th>Industry</th> <th>Business Entities</th> <th>Average Employment</th> <th>Total Wages</th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td>296</td> <td>2,406</td> <td>\$142,401,431</td> </tr> <tr> <td>Manufacturing</td> <td>77</td> <td>2,141</td> <td>\$102,266,068</td> </tr> <tr> <td>Wholesale trade</td> <td>97</td> <td>525</td> <td>\$26,117,963</td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td>21</td> <td>128</td> <td>\$4,981,637</td> </tr> </tbody> </table>				Industry	Business Entities	Average Employment	Total Wages	Construction	296	2,406	\$142,401,431	Manufacturing	77	2,141	\$102,266,068	Wholesale trade	97	525	\$26,117,963	Agriculture, forestry, fishing and hunting	21	128	\$4,981,637																																								
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FEMA Mapped V Zone / A Zone		<p>A Zones are mapped on the effective FIRM (4/3/2012)</p> <p>Percentage of parish in SFHA: 68%</p>																																																															
Housing and Repetitive Loss Properties		<p>52,706 total housing units (2013)</p> <p>Repetitive Loss Properties</p> <table border="1"> <thead> <tr> <th>Community</th> <th>RL</th> <th>SRL</th> <th>Total RL/SRL</th> <th>Insured</th> <th>Not Insured</th> </tr> </thead> <tbody> <tr> <td>Livingston Parish (unincorporated)</td> <td>544</td> <td>114</td> <td>658</td> <td>220</td> <td>438</td> </tr> <tr> <td>Denham Springs</td> <td>143</td> <td>30</td> <td>173</td> <td>89</td> <td>84</td> </tr> <tr> <td>Killian</td> <td>33</td> <td>10</td> <td>43</td> <td>27</td> <td>16</td> </tr> <tr> <td>French Settlement</td> <td>6</td> <td>1</td> <td>7</td> <td>4</td> <td>3</td> </tr> <tr> <td>Livingston, Town</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td>Port Vincent</td> <td>29</td> <td>4</td> <td>33</td> <td>9</td> <td>24</td> </tr> <tr> <td>Springfield</td> <td>3</td> <td>1</td> <td>4</td> <td>1</td> <td>3</td> </tr> <tr> <td>Walker</td> <td>11</td> <td>0</td> <td>11</td> <td>9</td> <td>2</td> </tr> <tr> <td>TOTAL LIVINGSTON PARISH</td> <td>770</td> <td>160</td> <td>930</td> <td>359</td> <td>571</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	Livingston Parish (unincorporated)	544	114	658	220	438	Denham Springs	143	30	173	89	84	Killian	33	10	43	27	16	French Settlement	6	1	7	4	3	Livingston, Town	1	0	1	0	1	Port Vincent	29	4	33	9	24	Springfield	3	1	4	1	3	Walker	11	0	11	9	2	TOTAL LIVINGSTON PARISH	770	160	930	359	571
Community	RL	SRL	Total RL/SRL	Insured	Not Insured																																																												
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Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date		
	Livingston (Parish)	07/12/77	09/30/88	04/03/12		
	Denham Springs	03/15/74	10/15/81	04/03/12		
	Walker	10/01/76	02/17/82	04/03/12		
	Livingston (Town)	09/19/75	08/23/01	04/03/12		
	Springfield	02/04/77	08/23/01	04/03/12		
	Albany	04/12/74	12/02/80	04/03/12		
	French Settlement	10/25/74	10/15/85	04/03/12		
	Killian	06/25/76	08/01/87	04/03/12		
	Port Vincent	08/13/76	08/16/88	04/03/12		
*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map						
Flood Ordinance Required Elevation Heights	BFE – Livingston Parish					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	Livingston Parish	10/1/92 10/1/92	9	9,819	\$6,729,272	\$302,368
	French Settlement	10/1/92 10/1/07	9	138	\$110,390	\$4,930
	Port Vincent	10/1/92 10/1/97	10	104	\$74,339	\$0
	Walker	10/1/92 10/1/13	8	849	\$677,877	\$64,018
Flood Risk Mitigation Activities						
Mitigation Plan	"Livingston Parish Hazard Mitigation Plan Update" January 2011, next update due January 2016. (Plan is unavailable online.)					
Parish Capacity	Livingston Parish Council/Office of Homeland Security and Emergency Preparedness has two staff dedicated to hazard mitigation and grant management and four staff members dedicated part time to hazard mitigation and grant management.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	3	42	\$6,504,502		
	Acquisition	3	13	\$2,329,007		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	1	3	\$452,217		
	Flood Control	2	N/A	\$2,937,217		
	Wind Retrofit	1	1	\$152,688		
	Planning	3	N/A	\$260,000		

Information from Comprehensive, Land Use, and Recovery Plans	
Comprehensive Plan	“Envision Livingston – ‘A Comprehensive Master Plan for Investing in Our Future’ - May 2013” (found at http://livingstonparishchamber.org/files/901.pdf).
Hazard Mitigation Goals/Actions in the Comprehensive Plan	Goals from “Envision Livingston – ‘A Comprehensive Master Plan for Investing in Our Future’”: <ul style="list-style-type: none"> • Goal 1: Identify and pursue preventative measures that will reduce future damages from hazards. • Goal 2: Enhance public awareness and understanding of disaster preparedness. • Goal 3: Reduce repetitive flood losses. • Goal 4: Facilitate sound development in the parish and municipalities to reduce or eliminate the potential impacts of hazards.
Recovery Plan	“Livingston Parish Recovery Plan - April 2008.” (This plan is currently in review for updating.)
Hazard Mitigation Goals in the Recovery Plan	<ul style="list-style-type: none"> • Within the next 36 months, develop a coastal management plan and ordinance implementation to ensure protection and restoration of coastal Livingston Parish. • During the next 36 months, create parish capacity to manage crisis situations through the design of a Emergency Operations Center/Joint Operations Center that can withstand hurricane winds and flooding.
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Planning and Development in Livingston Parish Council Code of Ordinances https://www.municode.com/library/la/livingston_parish_council/codes/code_of_ordinances?nodetid=COOR_CH13PLDE</p> <p>Flood Damage Prevention in Livingston Parish Council Code of Ordinances https://www.municode.com/library/la/livingston_parish_council/codes/code_of_ordinances?nodetid=COOR_CH13PLDE_ARTVFLDAPR</p>
Adoption of Building Codes	<p>“The International Building Code, 2009 Edition; The International Residential Code, 2009 Edition” http://www.livingstonparishla.gov/departments/building-permits/.</p> <p>Buildings and Building Regulations in Livingston Parish Council Code of Ordinances https://www.municode.com/library/la/livingston_parish_council/codes/code_of_ordinances?nodetid=COOR_CH4.5BUBURE</p>

13.0 Orleans Parish Profile

Incorporated Communities within Parish: Cities: New Orleans						
Basic Statistics						
Population, Size, and Trends	Population – 389,617 (2015 estimate) Population Change Rate (from 2000 to 2010) – (-29%) Total Area – 350 square miles (907 sq km), of which 169 square miles (438 sq km) is land and 181 square miles (469 sq km) (52%) is water Economy – transportation/navigation, tourism, mix of businesses serving the urban area, and traditional links to the oil and gas industry (City of New Orleans Economic Development http://www.nola.gov/economic-development/).					
Employment and Wages	2013 Annual Average Employment and Total Wages					
	Industry	Business Entities	Average Employment	Total Wages		
	Transportation and warehousing	266	8,625	\$451,094,717		
	Construction	575	5,653	\$284,275,030		
	Manufacturing	241	4,048	\$254,394,913		
	Wholesale trade	524	3,547	\$255,224,466		
	Mining	59	2,431	\$379,988,863		
	Agriculture, forestry, fishing and hunting	12	66	\$1,712,970		
Flood Risk and Flood Insurance Information						
FEMA Mapped V Zone / A Zone	A and V Zones are mapped on the effective FIRM (03/01/1984) Preliminary FIRM issued 11/09/2012 Percentage of parish in SFHA: 52%					
Housing and Repetitive Loss Properties	191,540 total housing units (2013)					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not Insured
New Orleans/ Orleans Parish	5,155	1,387	6,542	3,514	3,028	
Participation in NFIP	Community	Initial FHBM*		Initial FIRM**		Current Effective Map Date
	New Orleans/Orleans Parish	03/13/70		10/19/71		03/01/84
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					

<p>Flood Ordinance Required Elevation Heights</p>	<p>Chapter 78 of the City of New Orleans code of ordinances, “The Flood Ordinance,” requires that all New Construction or Substantial Improvement should be elevated so that the lowest floor is at or above either 3 ft above the highest (street) curb in front of the structure (ABFE, as amended 2006) or the Elevation Shown on the current effective 1984 FEMA Flood Insurance Rate Map, whichever is higher of the two. The requirement for V Zones on the FIRM, is the elevation given on the 1984 FIRM +1ft.</p>																
<p>Participation in FEMA CRS and NFIP data relevant to CRS</p>	<p>CRS Participation, NFIP Policies, Premiums, and Savings</p> <table border="1" data-bbox="542 474 1437 615"> <thead> <tr> <th data-bbox="542 474 727 543">Name</th> <th data-bbox="727 474 883 543">CRS Entry & CRS Eff. Date</th> <th data-bbox="883 474 964 543">CRS Class</th> <th data-bbox="964 474 1073 543">NFIP Policies</th> <th data-bbox="1073 474 1229 543">NFIP Premium</th> <th data-bbox="1229 474 1437 543">NFIP/CRS Annual Premium Discount</th> </tr> </thead> <tbody> <tr> <td data-bbox="542 543 727 615">New Orleans/ Orleans Parish</td> <td data-bbox="727 543 883 615">10/1/91 10/1/01</td> <td data-bbox="883 543 964 615">8</td> <td data-bbox="964 543 1073 615">87,927</td> <td data-bbox="1073 543 1229 615">\$84,617,792</td> <td data-bbox="1229 543 1437 615">\$7,858,168</td> </tr> </tbody> </table>					Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount	New Orleans/ Orleans Parish	10/1/91 10/1/01	8	87,927	\$84,617,792	\$7,858,168
Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount												
New Orleans/ Orleans Parish	10/1/91 10/1/01	8	87,927	\$84,617,792	\$7,858,168												
<p>Flood Risk Mitigation Activities</p>																	
<p>Mitigation Plan</p>	<p>“Orleans Parish 2010 Hazard Mitigation Plan Update” March 2011, next update due March 2016 (found at http://www.nola.gov/getattachment/Hazard-Mitigation/Hazards-and-Planning/Orleans-Parish-2010-Hazard-Mitigation-Plan-Final-032311.pdf).</p>																
<p>Parish Capacity</p>	<p>Parish has several employees (over 10) of the City of New Orleans that are CFMs that work in several different capacities. One of these employees is dedicated to CRS and floodplain management compliance/enforcement.</p>																
<p>Summary of Past Mitigation Activities Since Hurricane Katrina</p> <p>Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources</p>	<p>Project Type</p>	<p>Total Number of Projects Approved and/or Implemented</p>	<p>Total Number of Properties in the Projects Approved and/or Implemented</p>	<p>Total Grant Dollar Value for the Projects Approved and/or Implemented</p>													
<p>Elevation</p>		<p>62 *</p>	<p>62 *</p>	<p>\$18,032,217 *</p>													
<p>Elevation (GOHSEP/OCD)</p>		<p>N/A</p>	<p>5,463</p>	<p>\$578,622,675</p>													
<p>Acquisition</p>		<p>5,150</p>	<p>5,150</p>	<p>N/A</p>													
<p>Floodproofing</p>		<p>0</p>	<p>0</p>	<p>0</p>													
<p>Mitigation Reconstruction</p>		<p>30</p>	<p>30</p>	<p>\$5,030,847 *</p>													
<p>Flood Control</p>		<p>N/A</p>	<p>N/A</p>	<p>N/A</p>													
<p>Wind Retrofit</p>		<p>41 *</p>	<p>41 *</p>	<p>\$1,362,275 *</p>													
<p>Planning</p>		<p>1</p>	<p>N/A</p>	<p>\$501,381.65</p>													
<p>* not including Road Home and state Hazard Mitigation Grant Program</p>																	
<p>Information from Comprehensive, Land Use, and Recovery Plans</p>																	
<p>Comprehensive Plan</p>	<p>“Plan for the 21st Century” 2010 (found at http://www.nola.gov/city-planning/master-plan/).</p> <p>Greater New Orleans Urban Water Plan (2013) http://livingwithwater.com/</p> <p>Resilient New Orleans: Strategic Actions to Shape Our Future City (2015) http://www.nola.gov/resilience/resilient-new-orleans/</p>																
<p>Hazard Mitigation Goals/Actions</p>	<ul style="list-style-type: none"> The following tree protection buffer yard requirements apply in the M-MU District in order to maintain existing woodland areas to provide protection 																

<p>in the Comprehensive Plan</p>	<p>from hurricanes and storm surges. MMU District lots that front on the Chef Menteur Highway are required to maintain a tree protection buffer yard of twenty (20) feet along the Chef Menteur Highway frontage as measured from the lot line that fronts along the Chef Menteur Highway toward the interior of the lot.</p> <ul style="list-style-type: none"> • Hurricane and flood protection shall be provided and incorporated into the facility’s design and operation [for Separation/Recovery Facility, Industrial Composting Facilities, and Waste Transfer Stations].
<p>Recovery Plan</p>	<p>The City has a Resilience Strategy and a Hazard Mitigation Plan, but no plan specifically addressing recovery.</p>
<p>Hazard Mitigation Goals in the Recovery Plan</p>	<p>N/A</p>
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>“Comprehensive Zoning Ordinance of the City of New Orleans” (including zoning districts and map, various development standards, and stormwater management ordinances) (2015) http://www.nola.gov/city-planning/czo/</p>
<p>Adoption of Building Codes</p>	<p>Municipal Code. Art I. Sec 26-14 – International Building Code – Adopted https://www.municode.com/library/la/new_orleans/codes/code_of_ordinances?nodeId=PTIICO_CH26BUBUREHOST_ARTIINGE_S26-14INBUCODO</p>

14.0 Plaquemines Parish Profile

Incorporated Communities within Parish: (none) Census-designated places: Belle Chase, Boothville, Buras, Empire, Point a la Hache, Port Sulphur, Triumph, Venice																																	
Basic Statistics																																	
Population, Size, and Trends		Population – 23,495 (2015 estimate) Population Change Rate (from 2000 to 2010) – (-14%) Total Area – 2,567 square miles (6,649 sq km), of which 780 square miles (2,020 sq km) is land and 1,787 square miles (4,628 sq km) (70%) is water Economy – navigation/shipping, fisheries and oil and gas (Plaquemines Parish Economic Development http://www.plaqueminesecodev.com/).																															
Employment and Wages		2013 Annual Average Employment and Total Wages <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Industry</th> <th style="width: 10%;">Business Entities</th> <th style="width: 10%;">Average Employment</th> <th style="width: 10%;">Total Wages</th> </tr> </thead> <tbody> <tr> <td>Transportation and warehousing</td> <td>97</td> <td>2,119</td> <td>\$137,644,721</td> </tr> <tr> <td>Manufacturing</td> <td>51</td> <td>1,838</td> <td>\$151,731,845</td> </tr> <tr> <td>Mining</td> <td>41</td> <td>1,478</td> <td>\$149,800,312</td> </tr> <tr> <td>Construction</td> <td>85</td> <td>1,100</td> <td>\$60,040,678</td> </tr> <tr> <td>Wholesale trade</td> <td>75</td> <td>875</td> <td>\$52,792,361</td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td>16</td> <td>57</td> <td>\$1,674,096</td> </tr> </tbody> </table>				Industry	Business Entities	Average Employment	Total Wages	Transportation and warehousing	97	2,119	\$137,644,721	Manufacturing	51	1,838	\$151,731,845	Mining	41	1,478	\$149,800,312	Construction	85	1,100	\$60,040,678	Wholesale trade	75	875	\$52,792,361	Agriculture, forestry, fishing and hunting	16	57	\$1,674,096
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Flood Risk and Flood Insurance Information																																	
FEMA Mapped V Zone / A Zone		V, VE, A, AE, A99, ABFE, B Zones mapped on effective FIRM (09/30/1993) Percentage of parish in SFHA: 94%																															
Housing and Repetitive Loss Properties		9,714 total housing units (2013) Repetitive Loss Properties <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Community</th> <th style="width: 10%;">RL</th> <th style="width: 10%;">SRL</th> <th style="width: 10%;">Total RL/SRL</th> <th style="width: 10%;">Insured</th> <th style="width: 10%;">Not Insured</th> </tr> </thead> <tbody> <tr> <td>Plaquemines Parish</td> <td>384</td> <td>22</td> <td>406</td> <td>174</td> <td>232</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	Plaquemines Parish	384	22	406	174	232																
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Plaquemines Parish	01/17/85	05/01/85	09/30/93																														
Flood Ordinance Required Elevation Heights		BFE, ABFE – Plaquemines Parish																															
Participation in FEMA CRS		Plaquemines Parish does not participate in CRS.																															
Flood Risk Mitigation Activities																																	
Mitigation Plan		“Plaquemines Parish, Louisiana 2015 Hazard Mitigation Plan Update” April 2015, next update due in 2020 (found at http://plaqueminesparish.com/hazard-mitigation-plan-2015-update/).																															

Parish Capacity	Parish has one CFM.			
<p>Summary of Past Mitigation Activities Since Hurricane Katrina</p> <p>Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources</p>	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation	4	197	\$43,238,379
	Elevation (GOHSEP/OCD)	1	29	\$10,583,500
	Acquisition	0	0	\$0
	Floodproofing	1	1	\$1,460,708
	Mitigation Reconstruction	2	17	\$6,718,225
	Flood Control	3	8	\$37,449,133
	Wind Retrofit	1	46	\$6,056,722
Planning	1	1	\$33,750	
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	"Plaquemines Parish Comprehensive Master Plan" 2014 (found at http://plaqueminesparish.com/master-plan/documents-maps/).			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	Goals of reducing flooding risks through coastal restoration, levee construction, land use decisions.			
Recovery Plan	"The Plaquemines Parish Government Long Term Community Recovery Plan" 2015			
Hazard Mitigation Goals in the Recovery Plan	<ul style="list-style-type: none"> • 12 Year Coastal Restoration Plan • Drainage and Stormwater • Rebuilt Pump Stations • Pump Stations storm proofed to withstand storm events 			
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>"St. Bernard & Plaquemines Parishes Land Use and Transportation Vision Plan" 2008 http://www.norpc.org/assets/pdf-documents/parish_studies/Land_Use_St-Bernard_and_Plaq.pdf.</p> <p>Drainage and Flood Control in Plaquemines Parish Code of Ordinances https://www.municode.com/library/la/plaquemines_parish/codes/code_of_ordinances?no_deld=PTIICOOR_CH9DRFLCO</p> <p>Planning and Development in Plaquemines Parish Code of Ordinances https://www.municode.com/library/la/plaquemines_parish/codes/code_of_ordinances?no_deld=PTIICOOR_CH18PLDE</p> <p>Subdivisions in Plaquemines Parish Code of Ordinances https://www.municode.com/library/la/plaquemines_parish/codes/code_of_ordinances?no_deld=PTIICOOR_CH20SU</p> <p>Zoning in Plaquemines Parish Code of Ordinances https://www.municode.com/library/la/plaquemines_parish/codes/code_of_ordinances?no_deld=APXBZO</p>			
Adoption of Building Codes	<p>"The International Building Code, 2012 Edition; The International Existing Building Code, 2012 Edition."</p> <p>Buildings and Building Regulations https://www.municode.com/library/la/plaquemines_parish/codes/code_of_ordinances?no_deld=PTIICOOR_CH7BUBURE</p>			

15.0 St. Bernard Parish Profile

Incorporated Communities within Parish: (none) Census-designated places: Arabi, Chalmette, Meraux, Poydras, Violet																													
Basic Statistics																													
Population, Size, and Trends		Population – 45,408 (July 1, 2015 Census Estimate) Population Change Rate (from 2000 to 2010) – (-46%) Total Area – 2,158 square miles (5,589 sq km), of which 378 square miles (979 sq km) is land and 1,781 square miles (4,613 sq km) (83%) is water Economy – petrochemical, oil and gas, seafood processing, and commercial fishing industries (Greater New Orleans, Inc., Regional Economic Development http://gnoinc.org/explore-the-region/st-bernard-parish/).																											
Employment and Wages		2015 Annual Average Employment and Total Wages <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Industry</th> <th style="width: 12.5%;">Business Entities</th> <th style="width: 12.5%;">Average Employment</th> <th style="width: 12.5%;">Total Wages</th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td>116</td> <td>1,165</td> <td>\$58,842,629</td> </tr> <tr> <td>Manufacturing</td> <td>46</td> <td>1,540</td> <td>\$158,892,194</td> </tr> <tr> <td>Wholesale trade</td> <td>31</td> <td>252</td> <td>\$12,997,002</td> </tr> <tr> <td>Mining</td> <td>3</td> <td>7</td> <td>\$451,132</td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td>2</td> <td>*</td> <td>*</td> </tr> </tbody> </table> <p>*Data Non-published</p>				Industry	Business Entities	Average Employment	Total Wages	Construction	116	1,165	\$58,842,629	Manufacturing	46	1,540	\$158,892,194	Wholesale trade	31	252	\$12,997,002	Mining	3	7	\$451,132	Agriculture, forestry, fishing and hunting	2	*	*
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Mining	3	7	\$451,132																										
Agriculture, forestry, fishing and hunting	2	*	*																										
Flood Risk and Flood Insurance Information																													
FEMA Mapped V Zone / A Zone		V, VE, A, AE, AO, AH and A99 Zones mapped on effective FIRMs (03/04/1987) Percentage of parish in SFHA: 94%																											
Housing and Repetitive Loss Properties		16,806 total housing units (2014 Census American Community Survey) Repetitive Loss Properties <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Community</th> <th style="width: 10%;">RL</th> <th style="width: 10%;">SRL</th> <th style="width: 15%;">Total RL/SRL</th> <th style="width: 15%;">Insured</th> <th style="width: 15%;">Not Insured</th> </tr> </thead> <tbody> <tr> <td>St. Bernard Parish</td> <td>944</td> <td>263</td> <td>1,207</td> <td>306</td> <td>901</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	St. Bernard Parish	944	263	1,207	306	901												
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Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date																										
St. Bernard Parish	03/13/70	08/31/73	03/04/87																										
Flood Ordinance Required Elevation Heights		BFE + 1.5 – St. Bernard Parish																											
Participation in FEMA CRS		St. Bernard Parish does not participate in CRS.																											
Flood Risk Mitigation Activities																													
Mitigation Plan		“St. Bernard Parish Hazard Mitigation Plan” November 2015 (found at http://sbgp.net/wp-content/uploads/2016/07/St_Bernard_2015_Hazard_Mitigation_Plan.pdf).																											

Parish Capacity	Parish has two CFMs. While St. Bernard Parish is not a CRS Community, it has a CRS Coordinator and has full time staff dedicated to HMGP.			
<p>Summary of Past Mitigation Activities Since Hurricane Katrina</p> <p>Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources</p>	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation (Parish)	1	70	\$10,000,000
	Elevation (GOHSEP/OCD)	N/A	321	N/A
	Acquisition	4	100	\$30,000,000
	Floodproofing	0	0	\$0
	Mitigation Reconstruction	0	0	\$0
	Flood Control	5	5	\$43,000,000
	Wind Retrofit	2	4	\$3,000,000
Planning	2	2	\$500,000	
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	<p>“St. Bernard Parish Comprehensive Plan Draft- June 2014” (found at http://www.stbernardparishcompplan.com/news/section-1-st-bernard-parish-comprehensive-plan-cover-and-table-of-contents/).</p>			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	<ul style="list-style-type: none"> • The drainage in the parish is managed to protect the health and safety of people and property and to protect the natural functioning and health of the environment. • The parish should use several different strategies to reduce the future risk of damage to properties: <ol style="list-style-type: none"> 1. With the assembled vacant lots in the floodplain, the parish could create parks, ball fields, natural areas, and in general dedicate the land to non-residential uses that function as public amenities. 2. Zone floodplain areas for very low density residential uses (very large lots). This will still allow private development, but greatly reduce the number of people and homes exposed to flood hazard. 3. Require homes built in flood-prone areas to be elevated above the flood level, either on pilings (that allow flooding under the dwelling) or by a combination of filling and excavating that achieves zero net fill (and does not increase the flooding on neighboring areas). 			
Recovery Plan	<p>“St. Bernard Parish Multi-Hazard Emergency Operations Plan,” January 2015 (found at http://sbpg.net/wp-content/uploads/2016/07/SBPG_2015_MultiHazardPlan.pdf).</p>			
Hazard Mitigation Goals in the Recovery Plan	<p>Emergency Support Function (ESF)-14 Annex to Plan on Community Recovery (which includes mitigation and economic stabilization).</p>			

<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>“St. Bernard & Plaquemines Parishes Land Use and Transportation Vision Plan” 2008 http://www.norpc.org/assets/pdf-documents/parish_studies/Land_Use_St-Bernard_and_Plaq.pdf.</p> <p>Flood Damage Prevention in St. Bernard Parish Council Code of Ordinances https://www.municode.com/library/la/st.bernard_parish_council/codes/code_of_ordinances?nodeId=CH10.5FLDAPR</p> <p>Planning and Development in St. Bernard Parish Council Code of Ordinances https://www.municode.com/library/la/st.bernard_parish_council/codes/code_of_ordinances?nodeId=CH18PLDE</p> <p>Zoning in St. Bernard Parish Council Code of Ordinances https://www.municode.com/library/la/st.bernard_parish_council/codes/code_of_ordinances?nodeId=CH22ZO</p> <p>Subdivision Regulations https://www.municode.com/library/la/st.bernard_parish_council/codes/code_of_ordinances?nodeId=APXASURE</p>
<p>Adoption of Building Codes</p>	<p>St. Bernard Parish complies with “Act 12 of the 2005 1st Extraordinary Session of the Louisiana Legislature and including any later revisions to the relevant statues which requires mandatory statewide enactment of the State Uniform Construction Code.”</p> <p>Buildings; Construction and Related Activities in St. Bernard Parish Council Code of Ordinances https://www.municode.com/library/la/st.bernard_parish_council/codes/code_of_ordinances?nodeId=CH5BUCOREAC</p>

16.0 St. Charles Parish Profile

Incorporated Communities within Parish: (none) Census-designated places: Ama, Bayou Gauche, Boutte, Des Allemands, Destrehan, Hahnville, Killona, Luling, Montz, New Sarpy, Norco, Paradis, St. Rose, Taft																													
Basic Statistics																													
Population, Size, and Trends		Population – 52,812 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+9%) Total Area – 411 square miles (1,065 sq km), of which 279 square miles (723 sq km) is land and 132 square miles (342 sq km) (32%) is water Economy – navigation (on Mississippi River), energy and petrochemical industries, and emerging transportation and technology industries (St. Charles Parish Economic Development and Tourism http://www.stcharlesgov.net/departments/economic-development-and-tourism).																											
Employment and Wages		2013 Annual Average Employment and Total Wages <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Industry</th> <th style="width: 10%;">Business Entities</th> <th style="width: 15%;">Average Employment</th> <th style="width: 25%;">Total Wages</th> </tr> </thead> <tbody> <tr> <td>Manufacturing</td> <td>58</td> <td>4,599</td> <td>\$481,192,009</td> </tr> <tr> <td>Construction</td> <td>136</td> <td>4,052</td> <td>\$242,408,432</td> </tr> <tr> <td>Wholesale trade</td> <td>110</td> <td>2,424</td> <td>\$149,746,497</td> </tr> <tr> <td>Mining</td> <td>7</td> <td>89</td> <td>\$6,878,655</td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td>3</td> <td>*</td> <td>*</td> </tr> </tbody> </table> *Data Non-published				Industry	Business Entities	Average Employment	Total Wages	Manufacturing	58	4,599	\$481,192,009	Construction	136	4,052	\$242,408,432	Wholesale trade	110	2,424	\$149,746,497	Mining	7	89	\$6,878,655	Agriculture, forestry, fishing and hunting	3	*	*
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Mining	7	89	\$6,878,655																										
Agriculture, forestry, fishing and hunting	3	*	*																										
Flood Risk and Flood Insurance Information																													
FEMA Mapped V Zone / A Zone		A Zones mapped on the effective FIRM (06/16/1992) V and A Zones mapped in Preliminary FIRM (11/09/2012) Percentage of parish in SFHA: 68%																											
Housing and Repetitive Loss Properties		20,128 total housing units (2013) Approximate number of structures in the 100-year floodplain (SFHA): 1,939 total structures - 1,894 residential, 30 commercial, 9 industrial, 2 agricultural, 2 government, 2 educational Repetitive Loss Properties <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Community</th> <th style="width: 10%;">RL</th> <th style="width: 10%;">SRL</th> <th style="width: 20%;">Total RL/SRL</th> <th style="width: 15%;">Insured</th> <th style="width: 25%;">Not Insured</th> </tr> </thead> <tbody> <tr> <td>St. Charles Parish</td> <td>589</td> <td>52</td> <td>641</td> <td>530</td> <td>111</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	St. Charles Parish	589	52	641	530	111												
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Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date																										
St. Charles Parish	11/01/74	05/02/83	06/16/92																										
Flood Ordinance Required		St. Charles Parish requires that construction be to either the existing Effective BFE or the																											

Elevation Heights	BFE indicated on the Preliminary DFIRMS, whichever is higher. Additionally, all X Zone properties are require to construct to 12 inches above the street.					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	St. Charles Parish	10/1/91 10/1/07	8	11,777	\$9,132,001	\$596,130
Flood Risk Mitigation Activities						
Mitigation Plan	"St. Charles Parish Hazard Mitigation Plan" February 2015, next update due February 2020 (found at http://stcharlesftp.com/publicinfo/Finalhazardmitigation.pdf).					
Parish Capacity	Parish has a Grants Office (three employees) that is dedicated to grant management, including hazard mitigation.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	54	54	\$7,886,003		
	Elevation (GOHSEP/OCD)	N/A	85	N/A		
	Acquisition	3	3	\$619,323		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	0	0	\$0		
	Flood Control	17	4,002	\$25,259,485		
	Wind Retrofit	10	10	\$910,208		
Planning	2	2	\$236,168			
Information from Comprehensive, Land Use, and Recovery Plans						
Comprehensive Plan	"St. Charles Parish 2030 Comprehensive Plan" 2011 (found at http://stcharlesftp.com/publicinfo/compplan.pdf).					
Hazard Mitigation Goals/Actions in the Comprehensive Plan	<ul style="list-style-type: none"> • Expedite the acquisition of drainage information for the Urban Flood Control Project. As necessary to achieve this end, increase the resources devoted to this project (e.g., increase the number of parish employees working on the project or hire outside assistance). • Adopt criteria for prioritizing funding of drainage-related capital improvement projects. • Develop strict enforcement protocols to ensure that existing development adheres to established drainage standards and regulations. As necessary, create new or strengthen the existing ordinance to allow department officials to enforce existing and future standards. (Ref. St. Charles Parish Code of Ordinances, Appendix C, Part IV, Section D for existing ordinance). • Meet the standards set by the latest LADOTD Hydraulics Manual. Adopt a Level of Service (LOS) standard based on the 100-year storm event for pumping stations and 20-year storm event for streets and roads, and use this storm 					

	<p>design as the governing criteria for all future drainage repair or improvement projects.</p> <ul style="list-style-type: none"> • Strengthen ordinances limiting development in high risk areas (i.e., outside of the hurricane flood protection levee and parish drainage systems). • Compile and provide information to state and federal government agencies demonstrating the vulnerability of St. Charles Parish to major storm events due to rainfall and heavy storm surge. • Require developers to perform both surface and subsurface impact studies from point of origin to final outfall beyond limits of proposed development before construction.
<p>Recovery Plan</p>	<p>“St. Charles Parish Disaster Recovery Plan”, February 2015. (Plan is unavailable online.)</p>
<p>Hazard Mitigation Goals in the Recovery Plan</p>	<p>Section from Recovery Plan includes Long-Term Phase (3) which includes the following subsections: Rebuilding (xix), Hazard Mitigation (xx), Reconstruction of permanent housing (xxi), Reconstruction of commercial facilities (xxii), Development and implementation of long-term economic recovery targeting impacted and critical industries (xxiii), and Reconstruct flood control infrastructure (xxiv).</p>
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>Drainage and Flood Control in St. Charles Parish Code of Ordinances https://www.municode.com/library/la/st.charles.parish/codes/code_of_ordinances?deld=PTIIPACO_CH7DRFLCO</p> <p>Planning and Development in St. Charles Parish Code of Ordinances https://www.municode.com/library/la/st.charles.parish/codes/code_of_ordinances?deld=PTIIPACO_CH19PLDE</p> <p>Zoning in St. Charles Parish Code of Ordinances https://www.municode.com/library/la/st.charles.parish/codes/code_of_ordinances?deld=PTIIPACO_APXASTCHPAZOOOR1981</p> <p>Subdivision Regulations in St. Charles Parish Code of Ordinances https://www.municode.com/library/la/st.charles.parish/codes/code_of_ordinances?deld=PTIIPACO_APXCSTCHPASURE1981</p> <p>Interactive Zoning Map http://www.stcharlesparish-la.gov/departments/geographic-information-systems-gis/interactive-map</p> <ul style="list-style-type: none"> • Permitting fill material and debris to fall into and/or to block drainage ditches, canals, catch basins, or other drainage infrastructure. (a) It shall be unlawful for any person to allow any fill material such as dirt, sand, gravel, etc., and/or any other material or debris, generated by property owner or hired commercial vendor, to be placed such that 1) its placement impedes flow in any drainage ditch or canal, or 2) it blocks flow into any catch basins or any other drainage infrastructure under the jurisdiction of the parish council. (b) Any person or commercial vendor found guilty of violating the provisions of this section shall be convicted of a misdemeanor and violators upon conviction will incur penalties as defined in R.S. 14:100.1, penalty fine of not more than five hundred dollars (\$500.00) and/or imprisoned for not more than six (6) months, or restitution of costs incurred by the department of public works as determined by the court for each offense. (From Ord. No. 10-1-1, § 1, 1-11-10; Ord. No. 13-10-9, § 1, 10-7-13). • Basis for Establishing the Areas of Special Flood Hazard. The areas of special flood hazard identified by the Federal Emergency Management Agency in a scientific and engineering report entitled, "The Flood Insurance Study for the Parish of St. Charles," stamped preliminary June 27, 1991, with accompanying

	<p>Flood Insurance Rate Maps is hereby adopted by reference and declared to be a part of this section. The Flood Insurance Study is on file at the St. Charles Parish Courthouse, River Road, Hahnville, Louisiana. In addition, for the purpose of determining minimum building elevations, the Preliminary Digital Flood Insurance Rates Maps (DFIRM) referred to in "The Flood Insurance Study for the Parish of St. Charles," stamped Revised Preliminary November 9, 2012, shall take precedent over the effective FIRMS where they are more restrictive. (From Ord. No. 83-2-12, § III, 2-21-83; Ord. No. 92-4-23, § I, 4-20-92; Ord. No. 06-10-13, § I, 10-16-06; Ord. No. 13-7-7, § I, 7-1-13).</p>
<p>Adoption of Building Codes</p>	<p>“Pursuant to La. R. S. 40:1730.21 et seq., the Louisiana State Uniform Construction Code (LSUCC), and any amendment adopted thereto, is hereby adopted as the regulations for governing the construction of buildings and other structures in St. Charles Parish.”</p> <p>Buildings and Building Regulations in St. Charles Parish Code of Ordinances https://www.municode.com/library/la/st.charles_parish/codes/code_of_ordinances?nodeId=PTIIPACO_CH6BUBURE</p>

17.0 St. James Parish Profile

Incorporated Communities within Parish: Towns: Gramercy, Lutcher Census-designated places: Convent, North Vacherie, Paulina, South Vacherie, St. James, Welcome						
Basic Statistics						
Population, Size, and Trends	Population – 21,567 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+4%) Total Area – 258 square miles (668 sq km), of which 242 square miles (627 sq km) is land and 16 square miles (41 sq km) (6.4%) is water Economy – navigation (part of the Port of South Louisiana), oil, gas and petrochemicals, agriculture and service-related employment (St. James Parish Government Comprehensive Plan 2031 http://www.stjamesla.com/planning).					
Employment and Wages	2013 Annual Average Employment and Total Wages					
	Industry	Business Entities	Average Employment	Total Wages		
	Manufacturing	26	2,534	\$245,975,054		
	Transportation and warehousing	50	1,027	\$66,419,713		
	Construction	44	768	\$47,035,524		
	Wholesale trade	18	246	\$17,780,340		
	Agriculture, forestry, fishing and hunting	22	208	\$7,591,820		
	Mining	12	*	*		
*Data Non-published						
Flood Risk and Flood Insurance Information						
FEMA Mapped V Zone / A Zone	A Zones are mapped on the effective FIRM (7/4/2011) Percentage of parish in SFHA: 60%					
Housing and Repetitive Loss Properties	8,618 total housing units (2013) Approximate number of structures in the 100-year floodplain (SFHA): 579 residential; 104 commercial					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not Insured
	St. James Parish	11	0	11	6	5
	Lutcher	2	0	2	1	1
TOTAL ST. JAMES PARISH	13	0	13	7	6	
Participation in NFIP	Community	Initial FHBM*	Initial FIRM**	Current Effective Map Date		
	St. James Parish	06/28/77	07/03/78	12/02/11		
	Gramercy	05/03/74	01/12/78	07/04/11		
	Lutcher	05/03/74	04/24/79	07/04/11		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					

Flood Ordinance Required Elevation Heights	BFE + 1 or greater - St. James Parish Ordinance 50-92 requires one foot of freeboard in SFHA but not less than six feet above Mean Sea Level (MSL) which could mean as much as three feet of freeboard in some areas					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	St. James Parish	10/1/91 5/1/12	7	1,047	\$487,582	\$14,296
	Lutcher	10/1/92 10/1/92	9	256	\$107,986	\$136
Flood Risk Mitigation Activities						
Mitigation Plan	"St. James Parish Hazard Mitigation Plan" January 2011, next update due March 2016. (Plan is unavailable online.)					
Parish Capacity	Parish has a CFM and CRS Coordinator.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	1	1	\$1,300,000		
	Acquisition	0	0	\$0		
	Floodproofing	2	2	\$3,000,000		
	Mitigation Reconstruction	0	0	\$0		
	Flood Control	1	1	\$3,000,000		
	Wind Retrofit	9	9	\$4,000,000		
Planning	1	0	\$100,000			
Information from Comprehensive, Land Use, and Recovery Plans						
Comprehensive Plan	"St. James Parish Government Comprehensive Plan 2031" 2011 (found at http://www.stjamesla.com/Images/Interior/grow/2014-03-05%20st%20james%20parish%20comprehensive%20plan.pdf).					
Hazard Mitigation Goals/Actions in the Comprehensive Plan	The Plan notes that the parish participates in the South Central Construction Code Council, a regional building code enforcement program. Specific mitigation goals in the Plan are: <ul style="list-style-type: none"> • Become a more resilient and sustainable community. 					
Recovery Plan	No comprehensive recovery plan, however the parish has the "St. James Parish Debris Management Program" July 2013. (Plan is unavailable online.)					

<p>Hazard Mitigation Goals in the Recovery Plan</p>	<p>Environmental Restoration and Site Remediation</p>
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>Floods and Flood Damage Prevention Ordinances in St. James Parish Council Code of Ordinances https://www.municode.com/library/la/st.james_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH50FL</p> <p>Planning in St. James Parish Council Code of Ordinances https://www.municode.com/library/la/st.james_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH86PL</p> <p>Subdivisions in St. James Parish Council Code of Ordinances https://www.municode.com/library/la/st.james_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH106SU</p> <ul style="list-style-type: none"> • ...wetland areas to remain unoccupied except for unique situations requiring a location in the water... (From a Parish Ordinance to adopt a land use plan found at http://www.stjamesla.com/Images/Interior/grow/ord%2014-03%20land%20use%20plan.pdf).
<p>Adoption of Building Codes</p>	<p>Referenced codes. The other codes listed in section 18-1(d)(1)—(8) and referenced elsewhere in this Code shall be considered part of the requirements of this Code to the prescribed extent of each such reference.</p> <ol style="list-style-type: none"> 1. Building. The provisions of the International Building Code, as adopted by the Louisiana State Uniform Construction Code Council, excluding Chapter 27 - Electrical and Chapter 29 - Plumbing Systems and including only Appendix Chapters C, "Group U—Agricultural Buildings;" Appendix D, "Fire Districts;" Appendix E, "Supplementary Accessibility Requirements;" Appendix F, "Rodent Proofing;" Appendix G, "Flood Resistant Construction;" Appendix H, "Signs;" Appendix I, "Patio Covers;" and Appendix J, "Grading," is hereby adopted as the Building Code of St. James Parish, for the purpose of regulating and governing the conditions and maintenance of all property, buildings, and structures in St. James Parish. 2. Electrical. The provisions of the National Electrical Code shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto. 3. Gas. The provisions of the International Fuel Gas Code shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in this Code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories. 4. Mechanical. The provisions of the International Mechanical Code shall apply to the installation, alterations, repairs and replacement of mechanical systems, including equipment, appliances, fixtures, fittings and/or appurtenances, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators and other energy-related systems. 5. Plumbing. The provisions of the Louisiana State Plumbing Code, published by the department of health and hospital shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of said code shall apply to private sewage disposal systems. 6. Property maintenance. The provisions of the International Property Maintenance Code shall apply to existing structures and premises; equipment and facilities; light, ventilation, space heating, sanitation, life and fire safety hazards; responsibilities of owners, operators and occupants; and occupancy of existing premises and

	<p>structures.</p> <p>7. Fire prevention. The provisions of the Louisiana State Uniform Fire Prevention Code shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.</p> <p>8. Energy. The provisions of the International Energy Conservation Code shall apply to all matters governing the design and construction of buildings for energy efficiency.</p> <p>Buildings and Building Regulations in St. James Parish Council Code of Ordinances https://www.municode.com/library/la/st._james_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH18BUBURE</p>
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18.0 St. John the Baptist Parish Profile

Incorporated Communities within Parish: (none) Census-designated places include Edgard, Garyville, LaPlace, Reserve, Wallace						
Basic Statistics						
Population, Size, and Trends	Population – 43,626 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+7%) Total Area – 348 square miles (901 sq km), of which 213 square miles (552 sq km) is land and 135 square miles (350 sq km) (39%) is water Economy – navigation (part of the Port of South Louisiana), oil, gas and petrochemicals, and service-related employment (St. John the Baptist Comprehensive Resilience Plan http://sibparish.com/pdfs/2014/sibcomplanduse2014.pdf).					
Employment and Wages	2013 Annual Average Employment and Total Wages					
	Industry	Business Entities	Average Employment	Total Wages		
	Manufacturing	38	2,609	\$249,316,417		
	Construction	90	1,303	\$70,810,727		
	Transportation and warehousing	57	761	\$38,136,930		
	Wholesale trade	49	619	\$45,959,025		
	Mining	8	569	\$37,278,049		
	Agriculture, forestry, fishing and hunting	3	26	\$870,835		
Flood Risk and Flood Insurance Information						
FEMA Mapped V Zone / A Zone	V and A Zones mapped on the effective FIRM (11/4/2010) Percentage of parish in SFHA: 87%					
Housing and Repetitive Loss Properties	17,527 total housing units (2013) Approximate number of structures in the 100-year floodplain (SFHA): 3,997 residential; 90 commercial					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not Insured
	St. John the Baptist Parish	217	9	226	153	73
Participation in NFIP	Community	Initial FHBM* Identified		Initial FIRM** Identified	Current Effective Map Date	
	St. John the Baptist Parish	08/09/74		07/16/80	11/04/10	
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE – St. John the Baptist Parish and all jurisdictions.					

Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	St. John the Baptist Parish	10/1/94 5/1/10	8	7,050	\$5,027,701	\$327,214
Flood Risk Mitigation Activities						
Mitigation Plan	"St. John the Baptist Parish Hazard Mitigation Plan" December 2010, next update due April 2016. (Plan is unavailable online.)					
Parish Capacity	Parish has a Floodplain Administrator/ CFM; Assistant Director, Office Homeland Security and Emergency Preparedness; and a Grants Manager.					
Summary of Past Mitigation Activities Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	0	0	\$0		
	Acquisition	1	1	\$0		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	0	0	\$0		
	Flood Control	9	Projects are drainage improvements/ levee projects	Approximately \$19 million		
	Wind Retrofit	0	0	\$0		
	Planning	0	0	\$0		
Information from Comprehensive, Land Use, and Recovery Plans						
Comprehensive Plan	"St. John the Baptist Parish Comprehensive Plan: One Parish, One Future" 2014 (found at http://sibparish.com/zoning_general.php?id=325).					
Hazard Mitigation Goals/Actions in the Comprehensive Plan	Hazard Mitigation Goal 1: Facilitate Sound Development in the parish so as to reduce or eliminate the potential impact to development from hazards and/or disasters. Hazard Mitigation Objectives: <ul style="list-style-type: none"> • Map out all hazard prone areas in St. John the Baptist Parish on the future land use map. • Development in areas subject to hazards including but not limited to storm surge flooding will follow all applicable guidelines for managing development in hazard prone areas in St. John the Baptist Parish. • Reduce the impact of tidal, surge, and riverine flooding to property in St. John the Baptist Parish. • Reduce Repetitive Flood Losses in the parish. • Prior to development of vacant land Identify risk reduction strategies for land in 					

	<p>hazard prone areas.</p> <p>Hazard Mitigation Goal 2: Enhance Public Awareness and Understanding of Disaster Preparedness.</p> <ul style="list-style-type: none"> • Hazard Mitigation Objective: Promote hazard mitigation actions to residents in St. John the Baptist Parish. • Resilience Objective 1: Build resilience by reducing physical vulnerability to disasters.
<p>Recovery Plan</p>	<p>“Community Recovery Strategy, May 2013: One Parish, One Future: Building Back Better and Stronger” (found at http://www.sjbparish.com/SJBRecoveryStrategy.pdf).</p>
<p>Hazard Mitigation Goals in the Recovery Plan</p>	<p>Instead of goals, the recovery plan includes a series of community recovery projects, several which are related to flood mitigation risk and resiliency:</p> <ul style="list-style-type: none"> • Reduce the risk of flooding • Improve drainage in St. John the Baptist Parish • Establish permanent disaster recovery office • Grant and/or forgivable loan homeowner rehabilitation program (which may include mitigation techniques in the redevelopment of selected residences) • Voluntary and/or targeted buyouts
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>St. John the Baptist Parish Zoning Map (2013) http://sjbparish.com/pdfs/zoning_6.pdf</p> <p>Land Use Development Report http://sjbparish.com/zoning_index.php</p> <p>Land Development Regulations in St. John the Baptist Parish Code of Ordinances (including Floodplain Regulations, Natural Resource and Environmental Preservation and Protection, Subdivisions, and Zoning Ordinances) https://www.municode.com/library/la/st._john_the_baptist_parish/codes/code_of_ordinances?nodeId=SPBLADERE</p>
<p>Adoption of Building Codes</p>	<p>Parish has adopted the “Louisiana State Uniform Construction Code and any amendment adopted thereto and hereby adopted as the regulations for governing the construction or placement of buildings and structures within the parish (pursuant to La. R.S. 40:1730.21 et seq.). Includes Chapter 3. Adoption of the Louisiana State Uniform Construction Code.”</p> <p>Buildings and Building Regulations in St. John the Baptist Parish Code of Ordinances https://www.municode.com/library/la/st._john_the_baptist_parish/codes/code_of_ordinances?nodeId=SPBLADERE.CH105BUBURE</p>

19.0 St. Martin Parish Profile

Incorporated Communities within Parish: Cities: Breaux Bridge, St. Martinville Towns: Henderson Villages: Parks Census-designated places: Cade, Cecilia																																									
Basic Statistics																																									
Population, Size, and Trends		Population – 53,835 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+7%) Total Area – 816 square miles (2,113 sq km), of which 738 square miles (1,911 sq km) is land and 79 square miles (205 sq km) (9.7%) is water Economy – transportation, due to location along Interstate-10 and Highway 90 and two regional airports, agriculture, and outdoor recreation. The St. Martin Economic Development Authority (SMEDA) Business Park is an economic driver (Acadiana Economic Development www.teamacadiana.org).																																							
Employment and Wages		2013 Annual Average Employment and Total Wages <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Industry</th> <th style="text-align: center;">Business Entities</th> <th style="text-align: center;">Average Employment</th> <th colspan="2" style="text-align: center;">Total Wages</th> </tr> </thead> <tbody> <tr> <td>Manufacturing</td> <td style="text-align: center;">78</td> <td style="text-align: center;">2,417</td> <td colspan="2" style="text-align: right;">\$139,807,626</td> </tr> <tr> <td>Mining</td> <td style="text-align: center;">30</td> <td style="text-align: center;">1,116</td> <td colspan="2" style="text-align: right;">\$90,890,451</td> </tr> <tr> <td>Construction</td> <td style="text-align: center;">110</td> <td style="text-align: center;">737</td> <td colspan="2" style="text-align: right;">\$30,491,970</td> </tr> <tr> <td>Wholesale trade</td> <td style="text-align: center;">48</td> <td style="text-align: center;">519</td> <td colspan="2" style="text-align: right;">\$25,512,500</td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td style="text-align: center;">19</td> <td style="text-align: center;">98</td> <td colspan="2" style="text-align: right;">\$3,475,735</td> </tr> </tbody> </table>				Industry	Business Entities	Average Employment	Total Wages		Manufacturing	78	2,417	\$139,807,626		Mining	30	1,116	\$90,890,451		Construction	110	737	\$30,491,970		Wholesale trade	48	519	\$25,512,500		Agriculture, forestry, fishing and hunting	19	98	\$3,475,735							
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Flood Risk and Flood Insurance Information																																									
FEMA Mapped V Zone / A Zone		A Zones are mapped on the effective FIRM (11/04/2010) Percentage of parish in SFHA: 81%																																							
Housing and Repetitive Loss Properties		22,211 total housing units (2013) Repetitive Loss Properties <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Community</th> <th style="text-align: center;">RL</th> <th style="text-align: center;">SRL</th> <th style="text-align: center;">Total RL/SRL</th> <th style="text-align: center;">Insured</th> <th style="text-align: center;">Not Insured</th> </tr> </thead> <tbody> <tr> <td>St. Martin Parish (unincorporated)</td> <td style="text-align: center;">59</td> <td style="text-align: center;">1</td> <td style="text-align: center;">60</td> <td style="text-align: center;">16</td> <td style="text-align: center;">44</td> </tr> <tr> <td>Breaux Bridge</td> <td style="text-align: center;">8</td> <td style="text-align: center;">0</td> <td style="text-align: center;">8</td> <td style="text-align: center;">3</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Henderson</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Parks</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td>TOTAL ST. MARTIN PARISH</td> <td style="text-align: center;">69</td> <td style="text-align: center;">2</td> <td style="text-align: center;">71</td> <td style="text-align: center;">20</td> <td style="text-align: center;">51</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	St. Martin Parish (unincorporated)	59	1	60	16	44	Breaux Bridge	8	0	8	3	5	Henderson	0	1	1	1	0	Parks	2	0	2	0	2	TOTAL ST. MARTIN PARISH	69	2	71	20	51
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Henderson	0	1	1	1	0																																				
Parks	2	0	2	0	2																																				
TOTAL ST. MARTIN PARISH	69	2	71	20	51																																				

Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date
	St. Martin Parish	12/24/74	05/03/82	11/04/10
	Breaux Bridge	12/28/73	03/16/88	11/04/10
	Henderson	06/07/74	05/03/82	11/04/10
	Parks	01/08/74	07/16/80	11/04/10
*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map				
Flood Ordinance Required Elevation Heights	BFE – St. Martin Parish			
Participation in FEMA CRS	St. Martin Parish does not participate in CRS.			
Flood Risk Mitigation Activities				
Mitigation Plan	"St. Martin Parish Hazard Mitigation Plan Update" November 2014 (found at file:///C:/Users/AshleyC/Downloads/St.MartinParishHMPU2015.pdf).			
Parish Capacity	Parish has one Planning and Zoning Coordinator who handles mitigation related activities.			
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation	0	0	\$0
	Acquisition	0	0	\$0
	Floodproofing	0	0	\$0
	Mitigation Reconstruction	0	0	\$0
	Flood Control	3	3 (1 has been unobligated)	\$2,172,584
	Wind Retrofit	3	12 (10 are Retrofit properties)	\$399,880
Planning	1	0	\$153,731	
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	None			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	N/A			
Recovery Plan	None			
Hazard Mitigation Goals in the Recovery Plan	N/A			

<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>Flood Damage Prevention in St. Martin Parish Code of Ordinances https://www.municode.com/library/la/st._martin_parrish/codes/code_of_ordinances?nodeId=COOR_CH14FLDAPR</p> <p>Planning and Development in St. Martin Parish Code of Ordinances https://www.municode.com/library/la/st._martin_parrish/codes/code_of_ordinances?nodeId=COOR_CH30PLDE</p> <p>Zoning in St. Martin Parish Code of Ordinances https://www.municode.com/library/la/st._martin_parrish/codes/code_of_ordinances?nodeId=COOR_APXCZORR</p>
<p>Adoption of Building Codes</p>	<p>Buildings and Building Regulations in St. Martin Parish Code of Ordinances https://www.municode.com/library/la/st._martin_parrish/codes/code_of_ordinances?nodeId=COOR_CH8BUBURE</p>

20.0 St. Mary Parish Profile

Incorporated Communities within Parish: Cities: Franklin, Morgan City, Patterson Towns: Baldwin, Berwick Census-designated places: Amelia, Bayou Vista, Charenton, Glencoe, Siracusaville, Sorrel, Four Corners						
Basic Statistics						
Population, Size, and Trends	Population – 52,810 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+2%) Total Area – 1,119 square miles (2,898 sq km), of which 555 square miles (1,437 sq km) is land and 564 square miles (1,461 sq km) (50%) is water Economy – shipping /navigation, fisheries, the metal fabrication industry, shipbuilding, and oil/gas (St. Mary Parish Economic Development http://www.stmaryparishdevelopment.com/).					
Employment and Wages	2013 Annual Average Employment and Total Wages					
	Industry	Business Entities	Average Employment	Total Wages		
	Manufacturing	106	4,990	\$298,409,119		
	Mining	36	2,664	\$246,564,817		
	Transportation and warehousing	121	1,800	\$133,476,800		
	Construction	114	1,360	\$58,262,770		
	Wholesale trade	83	868	\$49,992,290		
	Agriculture, forestry, fishing and hunting	25	172	\$6,526,270		
Flood Risk and Flood Insurance Information						
FEMA Mapped V Zone / A Zone	V and A Zones mapped on the effective FIRM (06/30/1999) Preliminary FIRM issued 03/31/2008 Percentage of parish in SFHA: 88%					
Housing and Repetitive Loss Properties	23,018 total housing units (2013)					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not Insured
	St. Mary Parish (unincorporated)	128	19	147	56	91
	Baldwin	6	0	6	4	2
	Berwick	6	0	6	1	5
	Franklin	58	5	63	45	18
	Morgan City	31	0	31	12	19
	Patterson	4	0	4	2	2
TOTAL ST. MARY PARISH	233	24	257	120	137	

Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date		
	St. Mary Parish	N/A	09/03/80	06/30/99		
	Baldwin	09/07/73	12/15/78	12/15/78		
	Berwick	09/06/74	09/03/80	04/03/95		
	Franklin	11/22/74	09/15/78	04/15/92		
	Morgan City	10/05/73	08/15/78	05/20/96		
	Patterson	06/14/74	01/18/89	05/02/95		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE – St. Mary Parish					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	Morgan City	10/1/91 05/1/06	8	1,906	\$1,604,057	\$120,580
St. Mary Parish does not participate in CRS.						
Flood Risk Mitigation Activities						
Mitigation Plan	"St. Mary Parish Hazard Mitigation Plan Update 2014" January 2014, next update due October 2019. (Plan is unavailable online.)					
Parish Capacity	No specific positions for hazard mitigation.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	4	14	\$1,485,635		
	Elevation (GOHSEP/OCD)		25	N/A		
	Acquisition	2	2	\$169,626		
	Floodproofing	1	1	\$632,039		
	Mitigation Reconstruction	2	2	\$458,091		
	Flood Control	9	10	\$15,174,485		
	Wind Retrofit	1	4	\$752,977		
Planning	1	0	\$150,000			
Information from Comprehensive, Land Use, and Recovery Plans						
Comprehensive Plan	"St. Mary Parish Comprehensive Plan" 2002 (found at https://www.municode.com/library/la/st._mary_parish/codes/code_of_ordinances?nodeId=PTIICOOR_APXCSTMAPACOPL).					

<p>Hazard Mitigation Goals/Actions in the Comprehensive Plan</p>	<ul style="list-style-type: none"> • Goal 3.6 Conserve and protect valued environmental and cultural resources in the parish and ensure development is compatible with the natural environment. • Objective A: Guide future development patterns within the context of the physical environment and natural features of the community. • Objective B: Continue to promote environmentally sound access to and use of lakes and bayous including Bayou Teche and Lake Paloudre. • Objective C: Preserve the 100- and 500-year floodplain areas for use as conservation areas, public open space and linear linkages between neighborhoods and community activity areas. • Goal 5.1 Provide a safe and healthy environment for all citizens. • Objective A: Ensure that future development is in compliance with federal and state environmental quality regulations. • Objective B: Guide future development away from environmentally sensitive areas and incorporate sustainable design techniques into development plans and programs. • Goal 5.2 Manage floodplain areas to ensure compliance with applicable development regulations. • Objective A: Continue to promote environmentally sensitive access to and use of lakes and bayous. • Objective B: Preserve 100- and 500-year floodplain areas for use as conservation areas, public open space, and linear linkages between neighborhoods and community activity areas. • Goal 5.3 Preserve coastal wetlands, their water sources and adjacent areas. • Objective A: Replenish and protect coastal wetlands, essential fish habitat, and adjacent natural areas. • Objective B: Carefully manage development in environmentally sensitive areas
<p>Recovery Plan</p>	<p>“St. Mary Parish Long Term Community Recovery Plan,” February 2007 (Overall recovery vision found at http://louisianaspeaks-parishplans.org/IndParishHomepage_RecoveryVision.cfm?EntID=15). Priority issues listed in http://www.louisianaspeaks-parishplans.org/IndParishHomepage_BaselinePriorityIssues.cfm?EntID=15).</p>
<p>Hazard Mitigation Goals in the Recovery Plan</p>	<p>Recovery Vision:</p> <ul style="list-style-type: none"> • The people of St. Mary Parish will feel safe from coastal weather threats due to man-made improvements such as levee and floodwall construction as well as through natural protection through the continued growth of the Wax Lake Outlet and Atchafalaya River deltas. • In the event of future storms, the citizens of St. Mary Parish will have reliable options for evacuating the parish should they choose to do so. Those who may choose to stay in the parish during future storms will continue to have adequate supplies of water and adequate communication capabilities to meet their needs. <p>Priority Issues:</p> <p>Flood Protection and Coastal Restoration</p> <ul style="list-style-type: none"> • Establish and build a levee system to a Category 5 protection level.

	<ul style="list-style-type: none"> • Restore and preserve coastal wetlands. • Establish flood control measures on man-made waterways
<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>“St. Mary Unified Development Code” Final Draft January 2014 http://online.encodeplus.com/regs/stmary-la/</p> <ul style="list-style-type: none"> • Goal to improve overall organizational structure and consistency in the Parish’s development codes by incorporating Smart Growth principles and floodplain management to better prepare the parish (communities/landscape) for natural disasters and development pressures. <p>Zoning Districts and Land Use http://online.encodeplus.com/regs/stmary-la/doc-viewer.aspx#secid-1215</p> <p>Site Design and Development (including Subdivisions, Floodplains, and Environmental Regulations) http://online.encodeplus.com/regs/stmary-la/doc-viewer.aspx#secid-771</p>
<p>Adoption of Building Codes</p>	<p>“Effective January 1st, 2007, pursuant to LA R.S. 40:1730.21, et seq., St. Mary Parish adopted the Louisiana Uniform Construction Code”</p> <p>Buildings and Building Regulations in St. Mary Code of Ordinances http://online.encodeplus.com/regs/stmary-la/doc-viewer.aspx#secid-514</p>

21.0 St. Tammany Parish Profile

Incorporated Communities within Parish: Cities: Covington, Mandeville, Slidell Towns: Abita Springs, Madisonville, Pearl River Villages: Folsom, Sun																																																											
Basic Statistics																																																											
Population, Size, and Trends		Population – 250,088 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+22%) Total Area – 1,124 square miles (2,911 sq km), of which 846 square miles (2,191 sq km) is land and 279 square miles (723 sq km) (25%) is water Economy – diverse economic base and high growth rate. It has close proximity to four critical highways, I-10, 12, 55 and 59, and its main economic drivers include serving as a corporate headquarters for companies like Chevron Gulfcoast (St. Tammany Economic Development Foundation http://www.stedf.org/).																																																									
Employment and Wages		2013 Annual Average Employment and Total Wages <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Industry</th> <th style="width: 10%;">Business Entities</th> <th style="width: 10%;">Average Employment</th> <th style="width: 10%;">Total Wages</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td>750</td> <td>4,602</td> <td>\$208,446,066</td> <td></td> </tr> <tr> <td>Manufacturing</td> <td>224</td> <td>3,763</td> <td>\$207,675,560</td> <td></td> </tr> <tr> <td>Transportation and warehousing</td> <td>175</td> <td>2,509</td> <td>\$164,093,792</td> <td></td> </tr> <tr> <td>Mining</td> <td>54</td> <td>1,502</td> <td>\$227,919,501</td> <td></td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td>32</td> <td>109</td> <td>\$3,338,107</td> <td></td> </tr> </tbody> </table>				Industry	Business Entities	Average Employment	Total Wages		Construction	750	4,602	\$208,446,066		Manufacturing	224	3,763	\$207,675,560		Transportation and warehousing	175	2,509	\$164,093,792		Mining	54	1,502	\$227,919,501		Agriculture, forestry, fishing and hunting	32	109	\$3,338,107																									
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Housing and Repetitive Loss Properties		97,369 total housing units (2013) Repetitive Loss Properties <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Community</th> <th style="width: 8%;">RL</th> <th style="width: 8%;">SRL</th> <th style="width: 10%;">Total RL/SRL</th> <th style="width: 10%;">Insured</th> <th style="width: 10%;">Not Insured</th> </tr> </thead> <tbody> <tr> <td>St. Tammany Parish (unincorporated)</td> <td>1,650</td> <td>382</td> <td>2,032</td> <td>1,194</td> <td>839</td> </tr> <tr> <td>Abita Springs</td> <td>4</td> <td>0</td> <td>4</td> <td>1</td> <td>3</td> </tr> <tr> <td>Covington</td> <td>45</td> <td>12</td> <td>57</td> <td>26</td> <td>31</td> </tr> <tr> <td>Madisonville</td> <td>47</td> <td>7</td> <td>54</td> <td>44</td> <td>10</td> </tr> <tr> <td>Mandeville</td> <td>189</td> <td>23</td> <td>212</td> <td>158</td> <td>54</td> </tr> <tr> <td>Pearl River</td> <td>3</td> <td>0</td> <td>3</td> <td>1</td> <td>2</td> </tr> <tr> <td>Slidell</td> <td>779</td> <td>251</td> <td>1,030</td> <td>771</td> <td>259</td> </tr> <tr> <td>TOTAL ST. TAMMANY PARISH *</td> <td>2,717</td> <td>675</td> <td>3,392</td> <td>2,195</td> <td>1,198</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	St. Tammany Parish (unincorporated)	1,650	382	2,032	1,194	839	Abita Springs	4	0	4	1	3	Covington	45	12	57	26	31	Madisonville	47	7	54	44	10	Mandeville	189	23	212	158	54	Pearl River	3	0	3	1	2	Slidell	779	251	1,030	771	259	TOTAL ST. TAMMANY PARISH *	2,717	675	3,392	2,195	1,198
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	*St. Tammany Parish total includes Folsom and Sun which were not listed individually because they are outside the 2017 Coastal Master Plan boundary.					
Participation in NFIP	Community	Initial FHB^M* Identified	Initial FIRM^{**} Identified	Current Effective Map Date		
	St. Tammany Parish	04/23/71	04/23/71	04/21/99		
	Covington	12/28/73	11/19/80	11/19/80		
	Mandeville	06/28/74	09/28/79	05/16/12		
	Slidell	11/16/73	12/16/80	04/21/99		
	Pearl River	05/24/74	05/04/88	05/04/88		
	Madisonville	3/22/74	12/2/80	3/16/83		
	Abita Springs	5/17/74	5/17/88	5/17/88		
	*FHB ^M - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE or 12 inches above the centerline of street or top of curb fronting the home, whichever is greater – St. Tammany Parish					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	St. Tammany Parish	10/1/92 05/1/11	7	35,005	\$20,799,216	\$1,943,545
	Mandeville	10/1/92 10/1/08	7	2,721	\$2,079,269	\$250,402
	Slidell	10/1/92 05/1/13	7	7,598	\$6,808,384	\$975,036
	Covington	10/1/95 10/1/96	10	1,306	\$978,422	\$0
Flood Risk Mitigation Activities						
Mitigation Plan	"St. Tammany Parish Natural Hazards Mitigation Plan – 2009 Update," 2015 update is currently in progress. (The 2009 Update can be found at http://www.stpgov.org/files/Grants/hazard_mitigation_all.pdf).					
Parish Capacity	Parish has a Floodplain Administrator, a Director of Grants, four Grants Managers, an Engineering Regulatory Manager, and a Watershed Coordinator.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	5	41	\$8,173,899		
	Elevation (GOHSEP/OCD)	N/A	607	N/A		
	Acquisition	1	61	\$10,499,132		
	Acquisition (GOHSEP)	N/A	28	N/A		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	1	4	\$1,367,340		
	Flood Control	3	N/A	\$14,083,694		

	Wind Retrofit	1	2	\$153,430
	Planning	0	0	\$0
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	"New Directions 2025 – St. Tammany Parish Comprehensive Plan" 2003 (found at http://www2.stpgov.org/pdf/ND2025FutureLandUsePlan-SupportingPolicy&StatementofFundamentalPrinciples.pdf).			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	<ul style="list-style-type: none"> • Commercial and institutional uses should be located on major highways or at crossroads, within Planned Districts, and avoided in flood prone areas or impaired watersheds. • Industrial uses should be avoided in floodplains or in areas where they would adversely affected drainage, water or air quality, sensitive environmental areas and traffic. • Planning of residential developments to ensure no added flood loading to watersheds or sewage effluent that travels beyond individual tracts (unless it passes to a central treatment system). 			
Recovery Plan	None			
Hazard Mitigation Goals in the Recovery Plan	N/A			
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Parish passed a prohibition against filling in the floodplain or "critical drainage area." Filling for foundation construction is allowed, providing an equal amount of soil is removed from the site. Fill shall be limited to the roof shed area of the proposed primary structure and necessary access to the site in zones A- A+ B and C. Off -site fill shall be limited to the roof-shed area of a lot's proposed primary structure in V zones.</p> <p>Unified Development Code (including Subdivision Ordinances) http://www.stpgov.org/departments/planning/13-parish-departments/200-unified-developmentcode-zoning</p> <p>Zoning Map http://www2.stpgov.org/pdf/zoningmap.pdf http://www.stpgov.org/departments/planning</p> <p>Urban Growth Boundary http://www.stpgov.org/files/Development-%20Planning/Urban_Growth_Boundary.pdf</p>			
Adoption of Building Codes	"The St. Tammany Parish Code of Ordinances Appendix D Buiding Code incorporates the following: The International Building Code, 2006 Edition excluding Chapter 27-Electrical and Chapter 29-Plumbing Systems; The International Residential Code, 2006 Edition Chapters 2-11 and Section VI Fuel Gas; The International Mechanical Code, 2006 Edition; The National Electrical Code, 2006 Edition; The Louisiana State Plumbing Code, 2000 Edition; The International Fuel/Gas Code 2006 Edition."			

22.0 Tangipahoa Parish Profile

Incorporated Communities within Parish: Cities: Hammond, Ponchatoula Towns: Amite City, Independence, Kentwood, Roseland Villages: Tangipahoa, Tickfaw							
Basic Statistics							
Population, Size, and Trends		Population – 128,755 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+20%) Total Area – 823 square miles (2,132 sq km), of which 791 square miles (2,049 sq km) is land and 32 square miles (83 sq km) (3.9%) is water Economy – agriculture, access to major highways with associated distribution centers, outdoor recreation, and a major university (Southeastern Louisiana University) (Tangipahoa Economic Development Foundation, Inc., http://www.tedf.org/).					
Employment and Wages		2013 Annual Average Employment and Total Wages					
		Industry	Business Entities	Average Employment	Total Wages		
		Construction	296	2,406	\$142,401,431		
		Manufacturing	77	2,141	\$102,266,068		
		Wholesale trade	97	525	\$26,117,963		
		Agriculture, forestry, fishing and hunting	21	128	\$4,981,637		
		Mining	10	113	\$5,381,554		
Flood Risk and Flood Insurance Information							
FEMA Mapped V Zone / A Zone		V and A Zones are mapped on the effective FIRM (07/22/2010) Percentage of parish in SFHA: 42%					
Housing and Repetitive Loss Properties		51,598 total housing units (2013)					
		Repetitive Loss Properties					
		Community	RL	SRL	Total RL/SRL	Insured	Not Insured
		Tangipahoa Parish (unincorporated)	113	18	131	65	66
		Hammond	19	0	19	8	11
		Ponchatoula	2	0	2	1	1
		Tangipahoa (Village)	2	0	2	0	2
		Tickfaw	1	0	1	0	1
TOTAL TANGIPAHOA PARISH		137	18	155	74	81	

Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date		
	Tangipahoa Parish	01/17/75	02/02/83	07/22/10		
	Tangipahoa (Village)	08/30/74	09/28/79	07/22/10		
	Roseland	10/26/73	09/01/87	07/22/10		
	Ponchatoula	04/12/74	04/17/79	07/22/10		
	Independence	05/17/74	07/05/77	07/22/10		
	Hammond	03/08/74	12/15/81	07/22/10		
	Kentwood	11/2/73	4/15/80	7/22/10		
	Amite City	12/7/73	7/22/10	7/22/10		
	Tickfaw	8/30/74	6/28/77	7/22/10		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					
Flood Ordinance Required Elevation Heights	BFE – The parish and all municipalities are using standard BFE.					
Participation in FEMA CRS and NFIP data relevant to CRS	CRS Participation, NFIP Policies, Premiums, and Savings					
	Name	CRS Entry & CRS Eff. Date	CRS Class	NFIP Policies	NFIP Premium	NFIP/CRS Annual Premium Discount
	Tangipahoa Parish	10/1/96 10/1/96	9	4,682	\$2,508,565	\$74,345
Flood Risk Mitigation Activities						
Mitigation Plan	"Tangipahoa Parish Hazard Mitigation Plan" September 2009, 2015 update is currently in review with FEMA. (Plan is unavailable online.)					
Parish Capacity	Parish has two CFMs (one parish employee and one Hammond employee), a CRS Coordinator, and staff dedicated to both hazard mitigation and grants.					
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented		
	Elevation	34	34	\$2,413,586		
	Elevation (GOHSEP/OCD)	N/A	2	N/A		
	Acquisition	1	1	\$152,400		
	Floodproofing	0	0	\$0		
	Mitigation Reconstruction	0	0	\$0		
	Flood Control	1	N/A	\$2,822,100		
	Wind Retrofit	11	11	\$1,797,451		
	Planning	0	0	\$0		

Information from Comprehensive, Land Use, and Recovery Plans	
Comprehensive Plan	“Tangipahoa Parish Comprehensive Plan” 2008 (found at http://www.tangipahoa.org/Data/Sites/8/PlanningPDF/Plan-Final%20Adopted%20Copy.pdf).
Hazard Mitigation Goals/Actions in the Comprehensive Plan	Chapter 3 has a section that deals with floodplain and flood prevention.
Recovery Plan	“Tangipahoa Parish Long Term Recovery Plan-2008.” (Plan is unavailable online.)
Hazard Mitigation Goals in the Recovery Plan	<ul style="list-style-type: none"> • Create infrastructure that supports recovery by restoring confidence, enhancing quality of life, and withstanding future disasters. • Pursues policies that promote a healthy environment and healthy people. A healthy Tangipahoa Parish environment has been mentioned in the public input process primarily through use of planning tools such as preservation of green space, conservation easements, and zoning for industrial projects.
Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)	<p>Flood Prevention and Protection in Tangipahoa Parish Council Code of Ordinances https://www.municode.com/library/la/tangipahoa_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH10FLPRPR</p> <p>Planning and Development in Tangipahoa Parish Council Code of Ordinances https://www.municode.com/library/la/tangipahoa_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH17PLDE</p> <p>Subdivision Regulations (2015) http://www.tangipahoa.org/Data/Sites/8/PlanningPDF/Subdivision%20Regulation%20Book-5-13-2015.pdf</p>
Adoption of Building Codes	<p>“The International Building Code, 2006 Edition; The International Existing Building Code, 2006 Edition.”</p> <p>Buildings and Building Regulations in Tangipahoa Parish Council Code of Ordinances https://www.municode.com/library/la/tangipahoa_parish_council/codes/code_of_ordinances?nodeId=PTIICOOR_CH8BUBURE</p>

23.0 Terrebonne Parish Profile

Incorporated Communities within Parish: Cities: Houma Census-designated places: Bayou Cane, Chauvin, Dulac, Gray, Montegut, Schriever						
Basic Statistics						
Population, Size, and Trends	Population – 113,972 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+7%) Total Area – 2,082 square miles (5,392 sq km), of which 1,232 square miles (3,191 sq km) is land and 850 square miles (2,202 sq km) (41%) is water Economy – navigation, oil and gas, fisheries and tourism (Houma-Terrebonne Chamber of Commerce http://houmachamber.com/resources/economic-development/).					
Employment and Wages	2013 Annual Average Employment and Total Wages					
	Industry	Business Entities	Average Employment	Total Wages		
	Manufacturing	217	7,505	\$454,695,698		
	Mining	108	5,638	\$528,249,532		
	Construction	274	3,757	\$222,563,071		
	Wholesale trade	189	1,899	\$103,902,816		
	Agriculture, forestry, fishing and hunting	27	160	\$5,214,315		
Flood Risk and Flood Insurance Information						
FEMA Mapped V Zone / A Zone	V and A Zones mapped on the effective FIRM (04/02/1992) Preliminary FIRM issued 7/30/2008 AE, EL 11 Percentage of parish in SFHA: 96%					
Housing and Repetitive Loss Properties	44,171 total housing units (2013)					
	Repetitive Loss Properties					
	Community	RL	SRL	Total RL/SRL	Insured	Not Insured
	Terrebonne Parish (unincorporated)	1,615	259	1,874	961	913
	Houma	115	11	126	37	89
TOTAL TERREBONNE PARISH	1,730	270	2,000	998	1,002	
Participation in NFIP	Community	Initial FHBM*	Initial FIRM**	Current Effective Map Date		
	Terrebonne Parish (includes City of Houma)	N/A	11/20/70	05/01/85		
	Houma (City has consolidated under Terrebonne Parish)	11/23/73	05/19/81	05/19/81		
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map					

<p>Flood Ordinance Required Elevation Heights</p>	<p>BFE or higher – Terrebonne Parish: As a consolidated government, BFEs are required uniformly throughout the parish. The only exceptions are:</p> <ul style="list-style-type: none"> • Wherever there is community sewerage, structures must be at least 18 inches above the centerline of the street regardless of the BFE. If this is higher than the BFE, this is the only instance that the Parish would require greater height. • For participating structures in parish mitigation programs, the structures must be elevated to AFBE or DFIRM, whichever is higher, plus one foot of freeboard. The DFIRMs are not adopted and are under appeal. 					
<p>Participation in FEMA CRS and NFIP data relevant to CRS</p>	<p>CRS Participation, NFIP Policies, Premiums, and Savings</p>					
	<p>Name</p>	<p>CRS Entry & CRS Eff. Date</p>	<p>CRS Class</p>	<p>NFIP Policies</p>	<p>NFIP Premium</p>	<p>NFIP/CRS Annual Premium Discount</p>
	<p>Terrebonne Parish</p>	<p>10/1/92 10/1/11</p>	<p>6</p>	<p>12,831</p>	<p>\$8,224,928</p>	<p>\$1,183,079</p>
	<p>Houma</p>	<p>10/1/92 10/1/09</p>	<p>7</p>	<p>5,246</p>	<p>\$3,182,401</p>	<p>\$198,699</p>
<p>Flood Risk Mitigation Activities</p>						
<p>Mitigation Plan</p>	<p>“Terrebonne Parish Hazard Mitigation Plan Update” March 2015 (pending), (information on this plan and past hazard mitigation plans found at www.tpcg.org/hmpu).</p>					
<p>Parish Capacity</p>	<p>Parish has five planning and mitigation staff, including three CFMs. The Floodplain Manager is also the permits clerk and the CRS Coordinator. The Recovery Planner is a senior planner dedicated to hazard mitigation and grants management with the assistance of a full time Administrative Coordinator. The Director of Planning and Zoning is also a CFM. Additionally, the parish employs a Zoning Director.</p>					
<p>Summary of Past Mitigation Activities Since Hurricane Katrina</p> <p>Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources</p>	<p>Project Type</p>	<p>Total Number of Projects Approved and/or Implemented</p>	<p>Total Number of Properties in the Projects Approved and/or Implemented</p>	<p>Total Grant Dollar Value for the Projects Approved and/or Implemented</p>		
	<p>Elevation</p>	<p>9</p>	<p>1,037</p>	<p>\$48,225,000</p>		
	<p>Elevation (GOHSEP/OCD)</p>	<p>N/A</p>	<p>358</p>	<p>N/A</p>		
	<p>Acquisition</p>	<p>8</p>	<p>104</p>	<p>\$11,658,024</p>		
	<p>Floodproofing</p>	<p>0</p>	<p>0</p>	<p>\$0</p>		
	<p>Mitigation Reconstruction</p>	<p>2</p>	<p>6</p>	<p>\$1,200,000</p>		
	<p>Flood Control</p>	<p>6</p>	<p>10,000</p>	<p>\$9,085,044</p>		
	<p>Wind Retrofit</p>	<p>8</p>	<p>8</p>	<p>\$ 6,208,381</p>		
	<p>Planning</p>	<p>6</p>	<p>N/A</p>	<p>\$782,300</p>		
<p>Information from Comprehensive, Land Use, and Recovery Plans</p>						
<p>Comprehensive Plan</p>	<p>“Terrebonne Parish Comprehensive Plan Update Vision 2030” 2013 (found at http://www.tpcg.org/vision2030).</p>					
<p>Hazard Mitigation Goals/Actions in the Comprehensive Plan</p>	<p>“Vision 2030: Comprehensive Master Plan Update” –</p> <ul style="list-style-type: none"> • Goal #4: A sustainable and resilient community through avoidance of hazards, 					

	<p>nuisances, and environmental degradation.</p> <p>Refer to plan for subsequent policies, objectives and strategies related to achieving the goal.</p>
<p>Recovery Plan</p>	<p>“TPCG Long Term Recovery Plan” September 2007 (plan is unavailable online); “Terrebonne Parish Gustav/Ike Recovery Plan” October 2009 (found at http://www.tpcg.org/files/flooding/GustavIke_Proposed_CDBG_Application_Final.pdf).</p>
<p>Hazard Mitigation Goals in the Recovery Plan</p>	<p>Goals in the HMPU, 2015</p> <ul style="list-style-type: none"> • Identify and pursue preventative measures that will reduce future damages and hazards • Finance public awareness and understanding of disaster preparedness • Reduce repetitive flood losses in the parish • Facilitate sound development in the parish to reduce or eliminate potential impacts of hazards <p>TPCG Long Term Recovery Plan, 2007</p> <ul style="list-style-type: none"> • Raising existing drainage levees to heights that would offer minimal protection against tropical storm events. • Providing a lock-system on the Houma Navigation Canal to stop both salt and flood water intrusion into our wetland environment and inhabited communities. • Offering affordable housing alternatives in areas of higher land elevations. • Develop and implement a long distance sediment transport using a pipeline conveyance method. • Secure funding for the Morganza to the Gulf Levee System. • Review and adopt new floodplain maps to reflect current conditions. • Expand existing floodplain management programs to mitigate repetitive flood losses by elevating, flood proofing or acquiring repeatedly damaged buildings in one to eight additional focus areas, such as Grand Caillou/Dulac, Little Caillou/Chauvin, Montegut, Pointe Au Chene, Bayou Dularge, and coastal areas. • Consider advanced, voluntary opportunity purchases of open lands and/or development rights in vulnerable areas where public waterfront access is desirable. • Encourage the purchase of flood insurance through implementation of a public education project. <p>Gustav/Ike Recovery Plan, 2009</p> <ul style="list-style-type: none"> • Parish will relocate critical facilities out of the floodplain when it will not compromise service to the communities they serve. • Pump stations will be elevated or floodproofed to ensure operation and minimize damages. • Parish will partner with private interests that provide critical goods and services immediately after a storm with generators for redundant power (gas, food, medical.) • Parish will fund raised highways and reinforce bridges to harden evacuation routes. • Growth plans include encouraging building homes in the northern part of the parish when the risk there is lower and increasing the storm readiness in bayou communities. • The Falgout Canal Barge structure and \$70M in levees are proposed in the plan. • The Parish will partner with other quasi governmental entities such as the levee board to reach mitigation goals. <p>Note: Where plans overlapped or contained duplicative goals, they were mentioned only once rather than per plan or within the same plan.</p>

<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances</p> <p>(e.g., no fill in floodplain)</p>	<p>Flood Damage Prevention Ordinances in Terrebonne Parish Code of Ordinances https://www.municode.com/library/la/terrebonne_parrish/codes/code_of_ordinances?nodeId=PTIIPACO_CH9FLDAPR</p> <p>Planning in Terrebonne Parish Code of Ordinances https://www.municode.com/library/la/terrebonne_parrish/codes/code_of_ordinances?nodeId=PTIIPACO_CH20PL</p> <p>Zoning in Terrebonne Parish Code of Ordinances https://www.municode.com/library/la/terrebonne_parrish/codes/code_of_ordinances?nodeId=PTIIPACO_CH28ZO</p> <p>Subdivision Regulations in Terrebonne Parish Code of Ordinances https://www.municode.com/library/la/terrebonne_parrish/codes/code_of_ordinances?nodeId=PTIIPACO_APXASURE</p> <p>Stormwater Drainage and Detention (Design Manual) in Terrebonne Parish Code of Ordinances https://www.municode.com/library/la/terrebonne_parrish/codes/code_of_ordinances?nodeId=PTIIPACO_APXBSTDREDEMA</p> <ul style="list-style-type: none"> • Mobile homes are required to be elevated above the BFE measured at the lowest horizontal cross member including all mechanics and plumbing. • Terrebonne has a cumulative substantial damage provision. • Proposed Zoning ordinance prevents permits to build in environmentally sensitive areas preserving our remaining wetland and marshland protection system.
<p>Adoption of Building Codes</p>	<p>“The International Building Code, 2012 Edition; The International Existing Building Code, 2012 Edition.”</p> <p>Buildings and Structures in Terrebonne Parish Code of Ordinances https://www.municode.com/library/la/terrebonne_parrish/codes/code_of_ordinances?nodeId=PTIIPACO_CH6BUST</p>

24.0 Vermilion Parish Profile

Incorporated Communities within Parish: Cities: Abbeville, Kaplan Towns: Delcambre (part), Erath, Gueydan Village: Maurice																																																					
Basic Statistics																																																					
Population, Size, and Trends		Population – 59,875 (2015 estimate) Population Change Rate (from 2000 to 2010) – (+8%) Total Area – 1,542 square miles (3,994 sq km), of which 1,173 square miles (3,038 sq km) is land and 369 square miles (956 sq km) (24%) is water Economy – fisheries, the seafood industry, and service to the oil and gas industry are key industries due to proximity to the Gulf of Mexico. Intracoastal City is the nearest access to Vermilion Bay and the Gulf of Mexico in this region, with facilities that include heliports, shrimp docks, and marine services for the oil and gas industry (Acadiana Economic Development http://www.teamacadiana.org).																																																			
Employment and Wages		2013 Annual Average Employment and Total Wages <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Industry</th> <th style="width: 10%;">Business Entities</th> <th style="width: 10%;">Average Employment</th> <th style="width: 10%;">Total Wages</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>Mining</td> <td style="text-align: center;">49</td> <td style="text-align: center;">1,363</td> <td style="text-align: right;">\$122,651,609</td> <td colspan="2"></td> </tr> <tr> <td>Construction</td> <td style="text-align: center;">101</td> <td style="text-align: center;">945</td> <td style="text-align: right;">\$48,405,156</td> <td colspan="2"></td> </tr> <tr> <td>Manufacturing</td> <td style="text-align: center;">49</td> <td style="text-align: center;">774</td> <td style="text-align: right;">\$38,746,780</td> <td colspan="2"></td> </tr> <tr> <td>Wholesale trade</td> <td style="text-align: center;">55</td> <td style="text-align: center;">599</td> <td style="text-align: right;">\$29,156,410</td> <td colspan="2"></td> </tr> <tr> <td>Agriculture, forestry, fishing and hunting</td> <td style="text-align: center;">38</td> <td style="text-align: center;">228</td> <td style="text-align: right;">\$8,389,526</td> <td colspan="2"></td> </tr> </tbody> </table>				Industry	Business Entities	Average Employment	Total Wages			Mining	49	1,363	\$122,651,609			Construction	101	945	\$48,405,156			Manufacturing	49	774	\$38,746,780			Wholesale trade	55	599	\$29,156,410			Agriculture, forestry, fishing and hunting	38	228	\$8,389,526														
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FEMA Mapped V Zone / A Zone		V and A Zones mapped on the effective FIRM (01/19/2011) Percentage of parish in SFHA: 72%																																																			
Housing and Repetitive Loss Properties		25,596 total housing units (2013) Repetitive Loss Properties <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Community</th> <th style="width: 5%;">RL</th> <th style="width: 5%;">SRL</th> <th style="width: 10%;">Total RL/SRL</th> <th style="width: 10%;">Insured</th> <th style="width: 10%;">Not Insured</th> </tr> </thead> <tbody> <tr> <td>Vermilion Parish (unincorporated)</td> <td style="text-align: center;">297</td> <td style="text-align: center;">28</td> <td style="text-align: center;">325</td> <td style="text-align: center;">218</td> <td style="text-align: center;">107</td> </tr> <tr> <td>Abbeville</td> <td style="text-align: center;">17</td> <td style="text-align: center;">7</td> <td style="text-align: center;">24</td> <td style="text-align: center;">12</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Delcambre</td> <td style="text-align: center;">68</td> <td style="text-align: center;">5</td> <td style="text-align: center;">73</td> <td style="text-align: center;">57</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Erath</td> <td style="text-align: center;">82</td> <td style="text-align: center;">9</td> <td style="text-align: center;">91</td> <td style="text-align: center;">70</td> <td style="text-align: center;">21</td> </tr> <tr> <td>Kaplan</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Maurice</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td>TOTAL VERMILION PARISH</td> <td style="text-align: center;">468</td> <td style="text-align: center;">49</td> <td style="text-align: center;">517</td> <td style="text-align: center;">357</td> <td style="text-align: center;">160</td> </tr> </tbody> </table>				Community	RL	SRL	Total RL/SRL	Insured	Not Insured	Vermilion Parish (unincorporated)	297	28	325	218	107	Abbeville	17	7	24	12	12	Delcambre	68	5	73	57	16	Erath	82	9	91	70	21	Kaplan	2	0	2	0	2	Maurice	2	0	2	0	2	TOTAL VERMILION PARISH	468	49	517	357	160
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Participation in NFIP	Community	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date
	Vermilion Parish	05/31/77	05/15/85	01/19/11
	Abbeville	3/15/74	08/03/91	01/19/11
	Delcambre	04/05/74	04/04/83	12/02/11
	Erath	03/08/74	04/04/83	01/19/11
	Kaplan	11/02/73	03/01/82	01/19/11
	Maurice	N/A	06/30/76	01/19/11
	*FHBM - Flood Hazard Boundary Map **FIRM - Flood Insurance Rate Map			
Flood Ordinance Required Elevation Heights	BFE – Vermilion Parish			
Participation in FEMA CRS	Vermilion Parish does not participate in CRS.			
Flood Risk Mitigation Activities				
Mitigation Plan	“Vermilion Parish Hazard Mitigation Plan Update -2015” (plan approval pending; found at http://vermilionparishpolicejury.com/PDFforms/HAZARDMIT/Vermilion%20Parish%20Hazard%20Mitigation%20Plan%205.14.15.pdf)			
Parish Capacity	Parish has no CFMs. The parish has a Floodplain Administrator and a consultant that provides hazard mitigation and grant management assistance.			
Summary of Past Mitigation Activities Since Hurricane Katrina Includes nonstructural, flood control, wind retrofit, and planning projects from all federal, state, local, or other individual funding sources	Project Type	Total Number of Projects Approved and/or Implemented	Total Number of Properties in the Projects Approved and/or Implemented	Total Grant Dollar Value for the Projects Approved and/or Implemented
	Elevation	6	74	\$7,441,950
	Elevation (GOHSEP/OCD)	N/A	435	N/A
	Acquisition	6	19	\$2,010,244
	Floodproofing	5	48	\$10,765,742
	Mitigation Reconstruction	0	0	\$0
	Flood Control	0	0	\$0
	Wind Retrofit	3	11	\$2,179,777
Planning	0	0	\$0	
Information from Comprehensive, Land Use, and Recovery Plans				
Comprehensive Plan	“Our Plan - Vermilion Parish Comprehensive Resiliency Plan” 2014 (found at http://vermilionparishpolicejury.com/PDFforms/RESILIENCYplan/Vermilion Resiliency Plan082014.pdf).			
Hazard Mitigation Goals/Actions in the Comprehensive Plan	1. Land Use : <ul style="list-style-type: none"> • Strategy #2 - Critical and sensitive areas (floodplains, wetlands, marshlands, cheniers, etc.) are recommended for preservation as critical and sensitive areas. Parish leadership should encourage, through education and outreach, development within these areas be limited and when development exists or occurs, it should be mitigated where possible to withstand expected storms and 			

	<p>floods. Public investments within these areas should only maintain or mitigate existing infrastructure (i.e., new public infrastructure should not be located within these areas) or be used to construct infrastructure intended to protect the human settlement areas. When possible and funding is available, public infrastructure should be removed from these areas when that can be done without risk to lives and property.</p> <ul style="list-style-type: none"> • Project #2 - Adopt a Land Use Map for the Unincorporated Areas of the parish <p>2. Capital Improvements Plan:</p> <ul style="list-style-type: none"> • Project #1 - Prioritize Capital Improvements Plan (CIP) Projects • Project #2 - Dedicate a Parish-wide Funding Stream for Resiliency Measures <p>3. Economic Resiliency:</p> <ul style="list-style-type: none"> • Project #4 - Restore Natural Drainage from Freshwater Basin <p>4. Transportation Resiliency :</p> <ul style="list-style-type: none"> • Project #2 - Promote Evacuation Routes + Evacuation Planning <p>5. Housing Resiliency:</p> <ul style="list-style-type: none"> • Project #1 - Elevation or Flood Proofing of Structures • Project #2 - Home + Business Owner Hazard Mitigation Assistance (HMA) Outreach + Education Initiative • Project #3 - Create a Home + Business Owner Resiliency Education Program <p>6. Parks & Open Spaces:</p> <ul style="list-style-type: none"> • Project #1 - Preservation of Marshland: Dredging + Filling Abandoned Canals • Project #2 - Preservation of Marshland: Creation of Emergent Terraces • Project #3 - Stabilize Rockefeller Refuge Gulf Shoreline • Project #4 - White Lake Wetlands Conservation Area (WCA) – Birding + Nature Trail • Project #5 - Create an Open-Space Conservation Program • Project #6 - Palmetto Island State Park (PISP) Continued Success + Expansion • Project #7 - Brand the Parish as the Premier Parks + Trails + Fishing Location in the Region <p>8. Historic and Cultural Preservation</p> <ul style="list-style-type: none"> • Project #1 - Create a Community Coalition to Foster Resiliency
Recovery Plan	None
Hazard Mitigation Goals in the Recovery Plan	N/A

<p>Other Land Use Plans/Ordinances or Mitigation Actions in Local Ordinances (e.g., no fill in floodplain)</p>	<p>The Vermilion Parish Flood Prevention and Protection Ordinance lists the following methods and provisions:</p> <ol style="list-style-type: none"> 1. Restricting or prohibiting uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion, flood heights or velocities; 2. Requiring that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction; 3. Controlling the alteration of natural floodplains, stream channels, and natural protective barriers, which help accommodate or channel floodwaters; 4. Controlling filling, grading, dredging, and other development which may increase flood damage; and 5. Preventing or regulating the construction of flood barriers which will unnaturally divert flood waters or which may increase flood hazards in other areas. <p>The Vermilion Parish Revised Subdivision Ordinance, adopted on July 18, 2016, lists the following Flood Protection measures:</p> <ol style="list-style-type: none"> 1. All new construction or substantial improvements shall be designed (or modified) and adequately anchored to prevent flotation, collapse or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy. 2. All new construction or substantial improvements shall be constructed by methods and practices that minimize flood damage. 3. All new construction or substantial improvements shall be constructed with materials resistant to flood damage. 4. All new construction or substantial improvements shall be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding. 5. All new and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system. 6. New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the system and discharge from the systems into flood waters. 7. On-site waste disposal systems shall be located to avoid impairment to them or contamination from them during flooding. 8. All subdivision proposals including the placement of manufactured home parks and subdivisions shall have adequate drainage provided to reduce exposure to flood hazards. 9. All subdivision proposals including the placement of manufactured home parks and subdivisions shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize or eliminate flood damage.
<p>Adoption of Building Codes</p>	<p>Vermilion Parish Building Permits require that developments follow the most current International Building Code/International Residential Code Wind & Flood Building Codes.</p>

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