PARISH FACT SHEET

ST. CHARLES PARISH

St. Charles Parish is located 25 minutes west of New Orleans and includes the communities of Ama, Bayou Gauche, Boutte, Des Allemands, Destrehan, Hahnville (parish seat), Killona, Luling, Montz, New Sarpy, Norco, Paradis, St. Rose, and Taft. The economic base of St. Charles Parish is dominated by the energy and petrochemical industries.



Information from: 1) U.S. Census Quick Facts (2015 Estimate) 2) U.S. Census (2000-2010); and 3) St. Charles Parish Economic Development and Tourism.

FUTURE WITHOUT ACTION LAND LOSS AND FLOOD RISK

YEAR 50, MEDIUM ENVIRONMENTAL SCENARIO



Land change (loss or gain) for year 50 under the medium environmental scenario with no future protection or restoration actions taken.

St. Charles Parish faces increased wetland loss over the next 50 years under the medium environmental scenario. With no further coastal protection or restoration actions, the parish could lose an additional 13 square miles, or 13% of the parish land area. In addition, with no further action, the parish faces increased future storm surge based flood risk in areas outside the hurricane protection system. Over the next 50 years (under the medium environmental scenario), 100-year flood depths increase to 13-15 feet and above near Lake Pontchartrain and in the vicinity of Lake Salvador. The communities of Des Allemands and Luling are at greatest risk from coastal storm surge based flooding.



Flood depths from a 100-year storm event for initial conditions (year 0).



Flood depths from a 100-year storm event for year 50 under the medium environmental scenario with no future protection or restoration actions taken.

CURRENT & FUTURE ECONOMIC DAMAGE



Parish's expected annual damage (EAD) from a 100-year storm event under the medium environmental scenario with no future protection or restoration actions taken. EAD is the average amount of damage projected to occur from storm surge flood events for a community, expressed as dollars of damage per year. While every community will not flood every year, these statistical averages show the expected flood risk and the damage that would be associated with that risk.

WHAT'S IN THE 2017 COASTAL MASTER PLAN FOR ST. CHARLES PARISH?

PROJECT TYPES







RESTORATION



PROTECTION

HYDROLOGIC NONSTRUCTURAL



Structural Protection

2017 MASTER PLAN PROJECTS

RISK REDUCTION PROJECTS: YEAR 1-30

- + 001.HP.05: West Shore Lake Pontchartrain
- + 002.HP.06: Upper Barataria Risk Reduction
- + STC.05N: Salvador Nonstructural Risk Reduction

RISK REDUCTION PROJECTS: YEAR 31-50

- + 001.HP.04: Greater New Orleans High Level
- + STC.01N: Hahnville/Luling Nonstructural Risk Reduction

RESTORATION PROJECTS: YEAR 1-10

- + 001.DI.100: Manchac Landbridge Diversion
- + 001.HR.100: LaBranche Hydrologic Restoration
- + 001.SP.104: LaBranche Wetlands Shoreline Protection

RESTORATION PROJECTS: YEAR 11-30

+ 001.DI.101: Ama Sediment Diversion



FUTURE LAND CHANGE



Land area (square miles) over time in parish with and without the 2017 Coastal Master Plan projects under the medium environmental scenario.

REDUCTION IN ANNUAL ECONOMIC DAMAGE



Reduction in parish's expected annual damage (EAD) over time with the implementation of the 2017 Coastal Master Plan projects under the medium environmental scenario.

For more information about the 2017 Coastal Master Plan and protection and restoration projects in your parish, please visit: **COASTAL.LA.GOV/OUR-PLAN/2017-COASTAL-MASTER-PLAN/**