

# ORLEANS PARISH



Orleans Parish is located south of Lake Pontchartrain and is the smallest parish by land area in Louisiana, but one of the largest in total population. The City of New Orleans and the parish of Orleans operate as a unified city-parish government. New Orleans has one of the largest and busiest ports in the world and the greater New Orleans area is a center of maritime industry and accounts for a significant portion of the nation's oil refining and petrochemical production. New Orleans also serves as a white-collar corporate base for onshore and offshore petroleum and natural gas production, in addition to being a city with several universities and other arts and cultural centers.

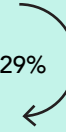
## POPULATION

389,617



## POPULATION CHANGE

-29%



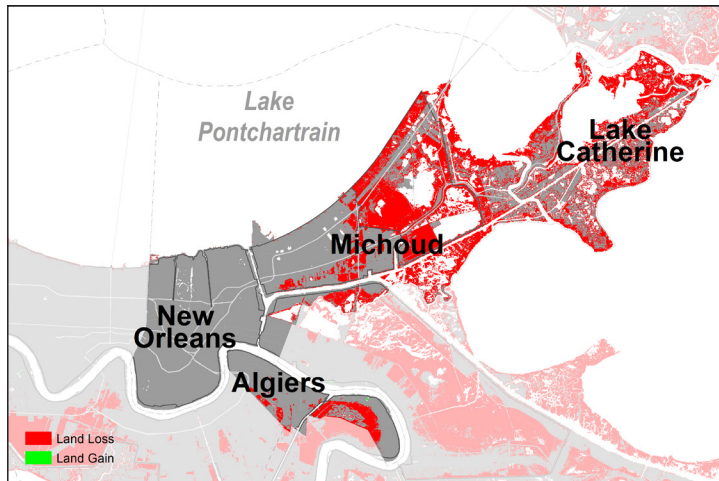
## ECONOMIC DRIVERS

TRANSPORTATION & NAVIGATION  
TOURISM  
BUSINESS  
OIL & GAS

Information from: 1) U.S. Census Quick Facts (2015 Estimate) 2) U.S. Census (2000-2010); and 3) City of New Orleans Economic Development.

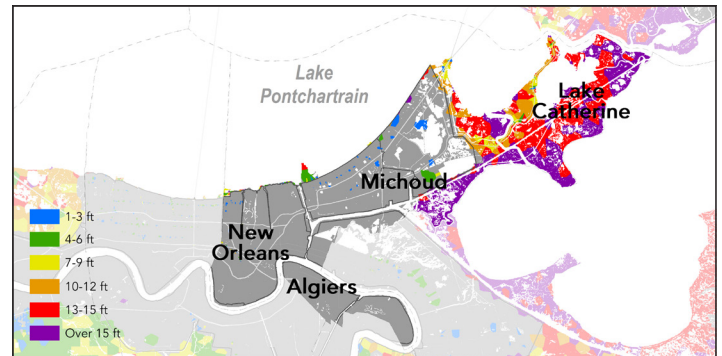
## FUTURE WITHOUT ACTION LAND LOSS AND FLOOD RISK

### YEAR 50, MEDIUM ENVIRONMENTAL SCENARIO

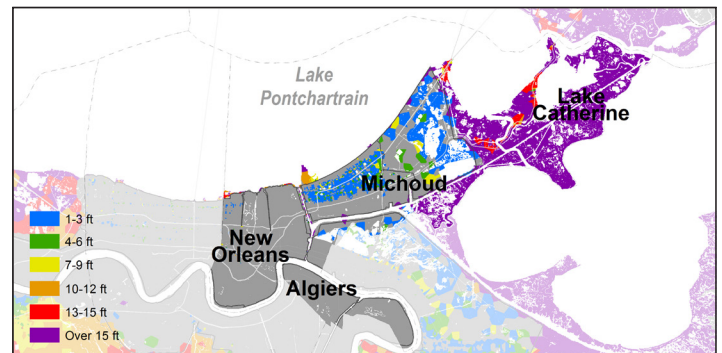


Land change (loss or gain) for year 50 under the medium environmental scenario with no future protection or restoration actions taken.

Orleans Parish faces significantly 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 51 square miles, or 32% of the parish land primarily in the New Orleans East area. Additionally, with no further action, areas outside of the hurricane protection system face severe future storm surge based flood risk. Over the next 50 years (under the medium environmental scenario), 100-year flood depths increase to over 15 feet outside the levee system. Additionally, areas of New Orleans East may experience 1-6 feet future flood depths.



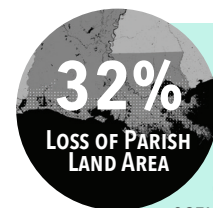
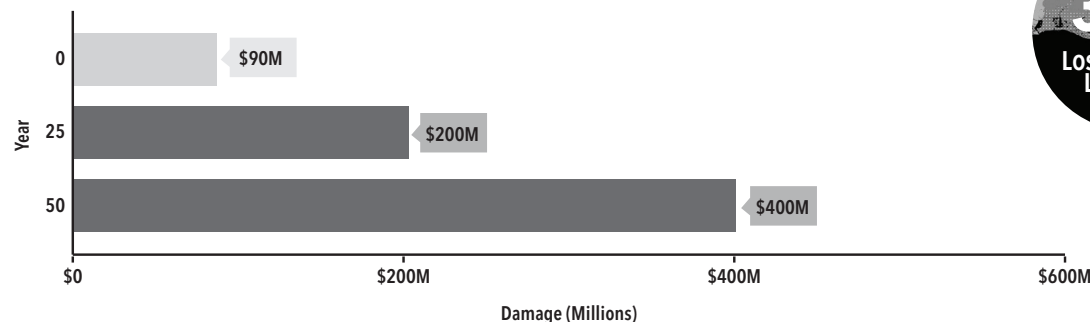
Flood depths from a 100-year storm event for initial conditions (year 0).



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

### FROM STORM SURGE BASED FLOODING



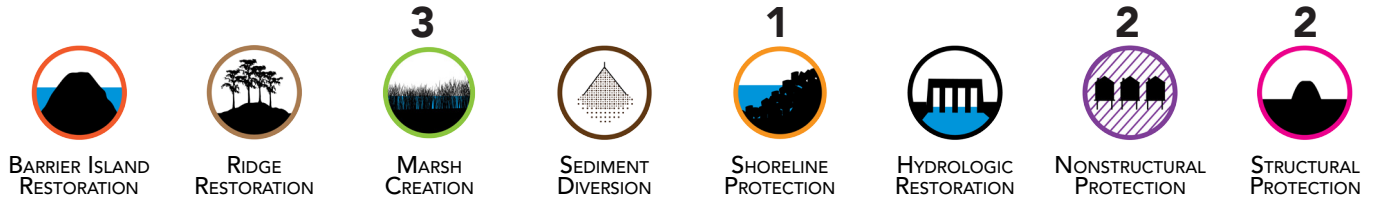
**32%**  
**LOSS OF PARISH LAND AREA**  
ORLEANS PARISH MAY LOSE 32% OF THE PARISH LAND AREA OVER THE NEXT 50 YEARS (UNDER THE MEDIUM SCENARIO). FOR MORE INFORMATION ON LAND CHANGE, FLOOD RISK, AND RESOURCES TO REDUCE RISK, PLEASE VISIT:

[CIMS.COASTAL.LA.GOV/MASTERPLAN](https://cims.coastal.la.gov/masterplan)

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 ORLEANS PARISH?

## PROJECT TYPES



## 2017 MASTER PLAN PROJECTS

RISK REDUCTION PROJECTS: YEAR 1-30

- + **001.HP.08:** Lake Pontchartrain Barrier
- + **ORL.01N:** Rigolets Nonstructural Risk Reduction
- + **ORL.02N:** Lake Catherine Nonstructural Risk Reduction

RISK REDUCTION PROJECTS: YEAR 31-50

- + **001.HP.04:** Greater New Orleans High Level

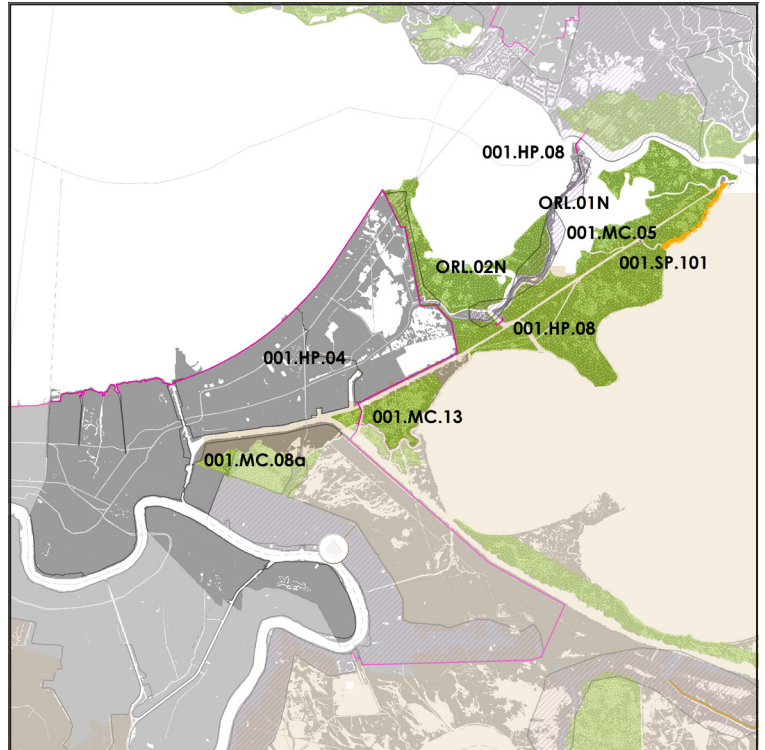
RESTORATION PROJECTS: YEAR 1-10

- + **001.MC.05:** New Orleans East Landbridge Restoration\*
- + **001.MC.13:** Golden Triangle Marsh Creation
- + **001.SP.101:** Unknown Pass to Rigolets Shoreline Protection

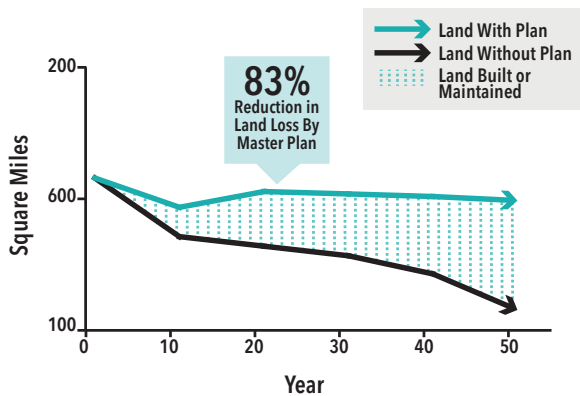
RESTORATION PROJECTS: YEAR 11-30

- + **001.MC.05:** New Orleans East Landbridge Restoration\*
- + **001.MC.08a:** Central Wetlands Marsh Creation - Comp A

**Note:** Projects with a (\*) designate the implementation of a portion of a larger marsh creation project. In addition, Orleans Parish may also receive some benefits from sediment diversion projects in adjacent parishes.

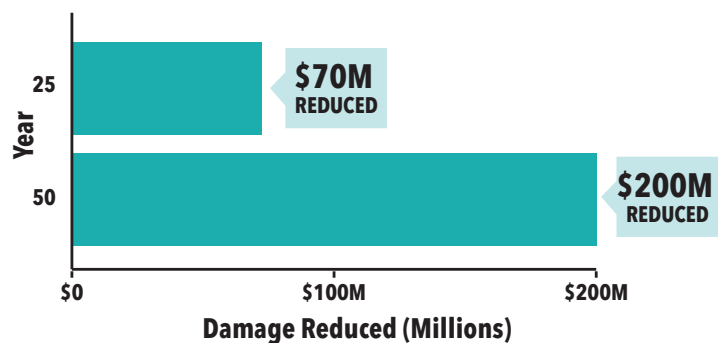


## FUTURE LAND CHANGE



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/](http://COASTAL.LA.GOV/OUR-PLAN/2017-COASTAL-MASTER-PLAN/)