

HAZUS: Estimated Damage and Economic Losses

Texas, United States

Note: Model results produced by Pacific Disaster Center (PDC), utilizing the FEMA Hazus model. Level 1 data.

Disclaimer: The estimates of social and economic impacts contained in this report were produced using Hazus loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific Hurricane.

Quick Assessment Report

August 26, 2017

Study Region : Texas_HarveyRegion
Scenario : HARVEY_2017_stm_2059PM
Scenario Description : Forecast/Advisory
Peak Gust Wind Speed (mph) : 135

Regional Statistics

Area (Square Miles)	52,446
Number of Census Tracts	1,424
Number of People in the Region	7,178,872

General Building Stock

Occupancy	Building Count	Dollar Exposure (\$ M)
Residential	2,288,678	596,747
Commercial	108,746	71,995
Other	51,128	37,746
Total	2,448,552	706,487

Scenario Results

Number of Buildings Damaged

Damage State	Residential	Commercial	Other	Total
Minor	21,000	900	400	22,000
Moderate	9,300	500	300	10,000
Severe	3,000	300	200	3,400
Destruction	2,200	<10	10	2,300
Total	35,000	1,700	900	38,000

Shelter Requirements

Displaced Households (# Households)	3,500
Short Term Shelter (# People)	900

Economic Loss (\$ Millions)

Capital Stock	2,110
Residential Property	1,878
Commercial Property	142
Other Property	89
Business Interruption (Income)	366
Total Direct Economic Loss	2,476

Totals only reflect data for those census tracts/block included in the user's study region.

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