



ESTIMATES OF HOUSING UNITS SUBJECT TO TIDAL FLOODING - 2000 CENSUS DATA

This map aggregates 2000 census housing unit data by evacuation zone and hurricane tidal flooding vulnerability.

Zone Boundary

Each dot represents one mobile home unit. Dots do not represent exact locations; they are randomly distributed within their respective census block.

NEW JERSEY HURRICANE EVACUATION STUDY STORM SURGE MAP MIDDLESEX COUNTY, NJ FEBRUARY 2010

AREAS OF POSSIBLE FLOODING

- CATEGORY 1 HURRICANES
- CATEGORY 2 HURRICANES
- CATEGORY 3 HURRICANES
- CATEGORY 4 HURRICANES

SLOSH MODEL SURGE VALUES

Cat 1 6.7
 Cat 2 10.0
 Cat 3 13.8
 Cat 4 17.4

POTENTIAL FRESHWATER FLOODING FEMA FLOOD INSURANCE RATE MAPS

- 100 YEAR FLOOD
- 500 YEAR FLOOD

This map reflects potential tidal flooding from hurricanes. Potential flood areas are based on storm surge heights calculated by the National Weather Service's SLOSH (Sea, Lake and Overland Surge from Hurricanes) Model. Categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity. Storm surge elevations used here represent "worst case" combinations of direction, forward speed, landfall point and astronomical tide for each category. These surge elevations do not include wave heights that may accompany storm surge. Potential flood areas from National Flood Insurance Program (NFIP) Flood Insurance Rate Maps (FIRM) are shown on this map in order to highlight the potential for flooding caused by rainfall. FIRM flood hazard areas (tidal or freshwater) within SLOSH tidal flooding areas are not shown.

MIDDLESEX COUNTY VULNERABLE HOUSING UNIT DATA

	PERMANENTLY OCCUPIED HOUSING UNITS				SEASONALLY OCCUPIED HOUSING UNITS				MOBILE HOMES		TOTAL HU
	CAT 1	CAT 2	CAT 3	CAT 4	CAT 1	CAT 2	CAT 3	CAT 4	OCCUPIED	TOTAL	
1 Carteret Boro	189	288	929	2,741	0	0	1	7	289	299	7,317
2 Woodbridge Twp	225	605	3,098	1,517	0	0	33	17	400	400	35,298
3 Perth Amboy City	62	426	392	820	1	3	1	1	8	8	15,236
4 South Amboy City	103	151	85	91	1	1	1	2	0	0	2,947
5 Sayreville Boro	223	1,861	620	839	0	5	0	2	18	18	15,361
6 Old Bridge Twp	174	183	645	1,542	0	0	1	0	22	22	21,954
7 Metuchen Boro	0	0	0	0	0	0	0	0	0	0	5,096
8 Edison Twp	170	10	5	8	0	0	0	0	211	221	36,020
9 East Brunswick Twp	0	65	56	130	0	0	0	0	44	44	16,679
10 South River Boro	8	489	912	897	0	0	0	0	29	44	5,722
11 Spotswood Boro	6	30	45	408	0	0	0	0	357	365	3,107
12 Helmetta Boro	0	0	0	1	0	0	0	0	0	0	765
13 Monroe Twp	0	0	3	163	0	0	0	0	7	7	13,360
14 Jamesburg Boro	0	0	0	0	0	0	0	0	0	0	2,163
15 South Plainfield Boro	0	0	0	0	0	0	0	0	0	0	7,305
16 Piscataway Twp	0	4	23	452	0	0	0	3	17	17	16,959
17 Highland Park Boro	22	54	55	145	0	1	1	1	0	0	6,088
18 New Brunswick City	7	119	391	297	0	5	23	2	0	0	13,892
19 North Brunswick Twp	0	0	0	1	0	0	0	0	477	477	13,929
20 Milltown Boro	0	0	0	42	0	0	0	0	0	0	2,676
21 South Brunswick Twp	0	0	0	0	0	0	0	0	456	468	13,852
22 Cranbury Twp	0	0	0	0	0	0	0	0	0	0	1,121
23 Plainsboro Twp	0	0	0	0	0	0	0	0	0	0	9,133
24 Dunellen Boro	0	0	0	0	0	0	0	0	0	0	2,511
25 Middlesex Boro	0	0	0	0	0	0	0	0	0	0	5,126
TOTALS	1,189	4,285	7,259	10,094	2	15	61	35	2,345	2,410	273,617

1 Category 2 through 4 units are in addition to preceding category(ies).
 2 Mobile homes can be seasonal housing units and vice versa.