Figure 3-29

100–Year Floodplain Property Exposure Analysis

A major effort of the 2008 State Hazard Mitigation Plan – Risk Assessment has been the GIS-based analysis of property within a 100-year floodplain. Using the NYS Real Property System (RPS) GIS layer of property parcel center points and FEMA's "Q3" digital flood maps, the total number, type and estimated value of property within a 100-year floodplain was calculated and summarized for 1002 New York State municipalities (based on availability of RPS and Q3 data). While this information provides only property exposure as opposed to flood damage or estimated dollar losses, it nonetheless provides a general indication of the extent and distribution of a community's flood risk that is useful for mitigation planning. The below example shows property parcel center points in an area of Troy, NY that fall in or out of the 100-year floodplain. The sample parcel record shows the property to be owned by the Troy Industrial Development Authority (IDA). The property class is 464 (Commercial – Office Building). The estimated property value is $5,285,029 based on an assessed value of $924,880 (CUR_TOT_A) divided by 0.175 (RATE_FRAC) from the State Equalization Rate for the City of Troy of 17.5%.

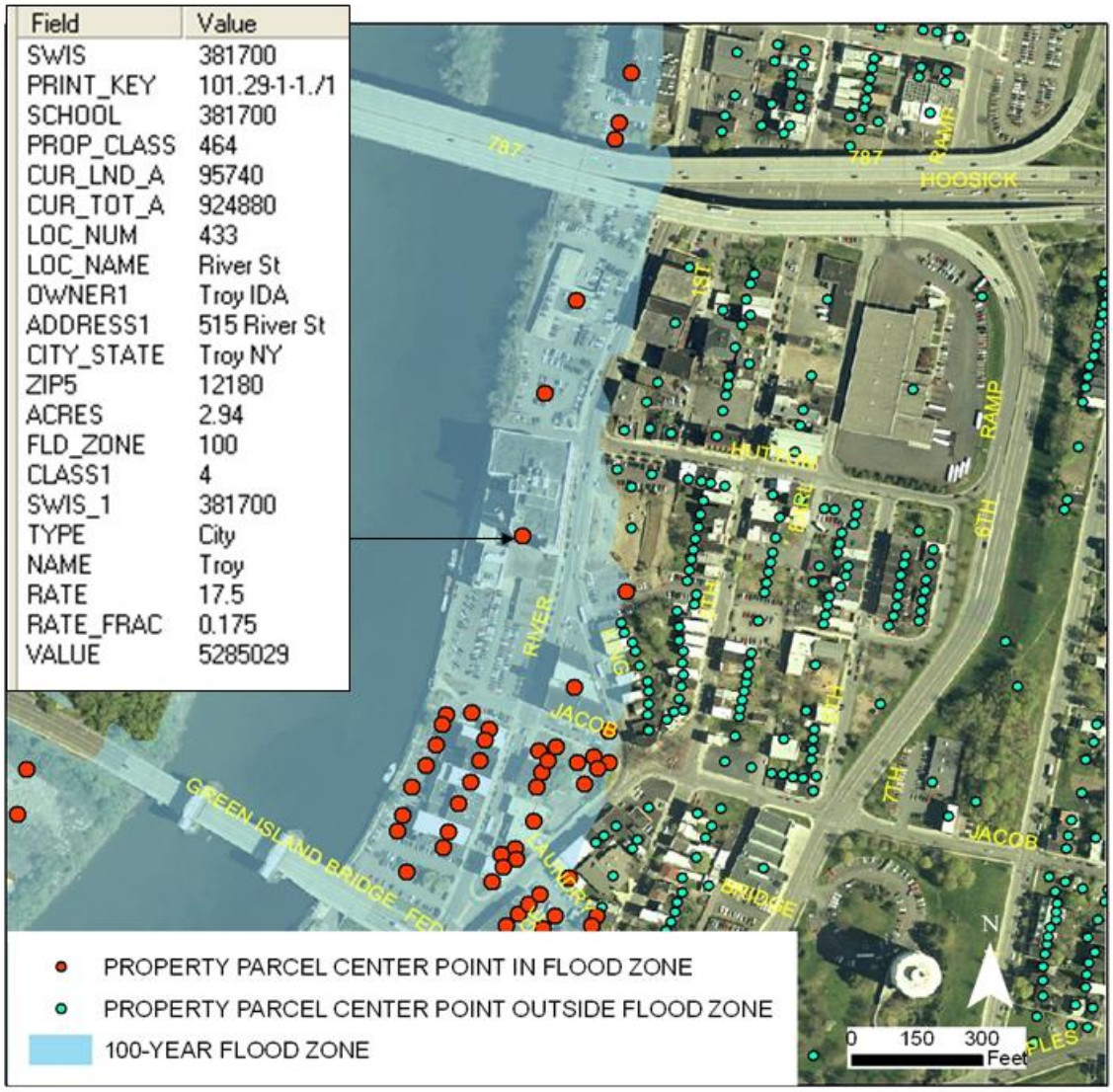
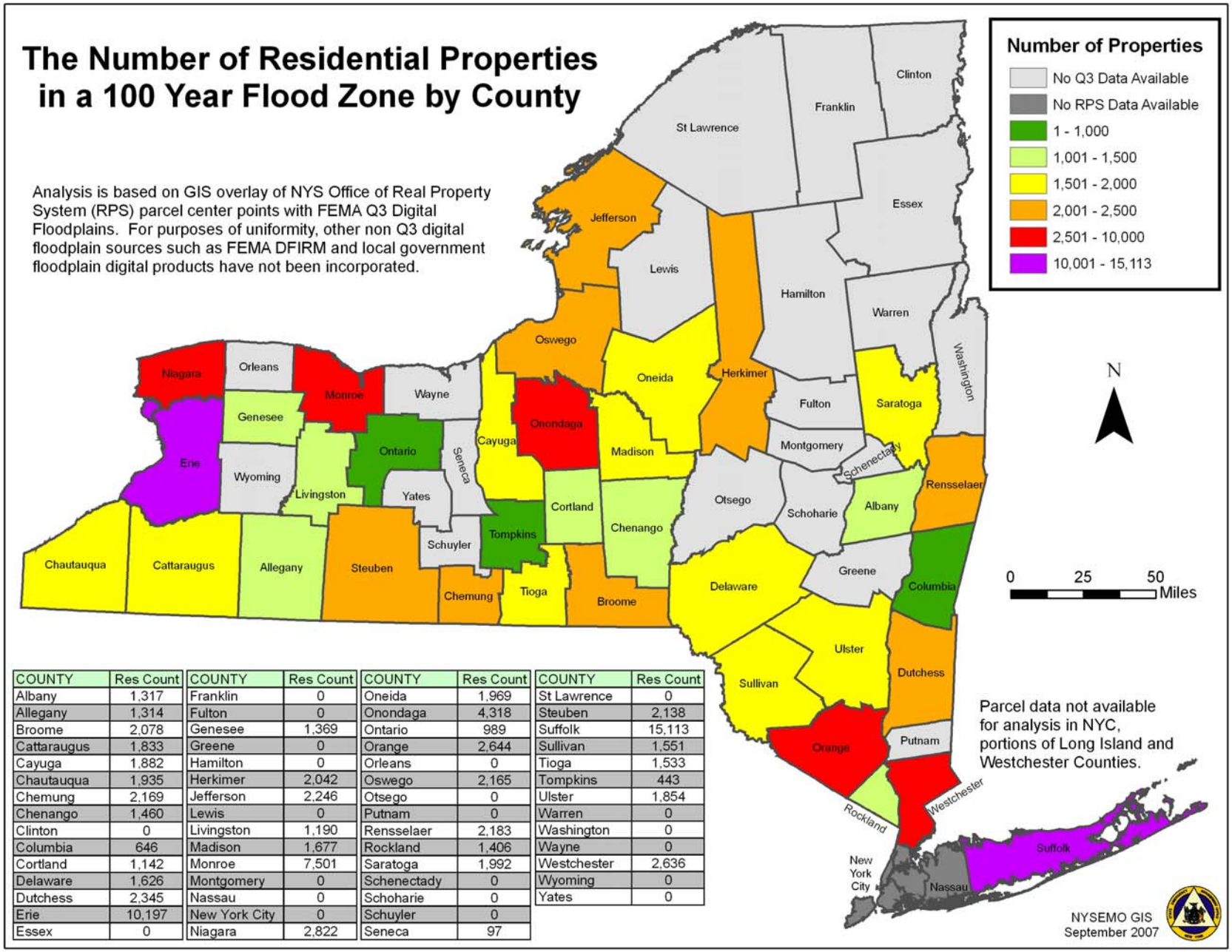


Figure 3-30



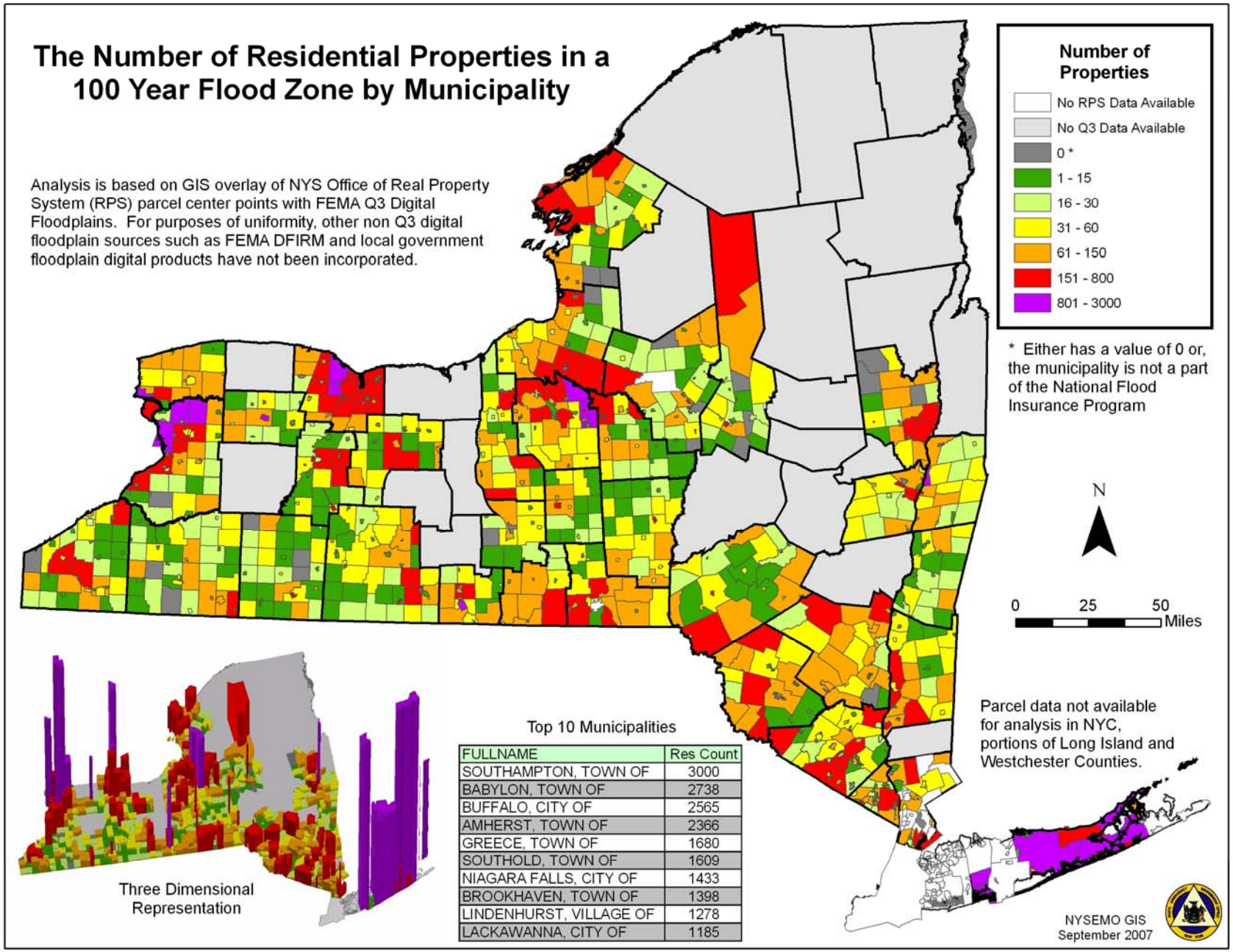
COUNTY	Res Count
Albany	1,317
Allegany	1,314
Broome	2,078
Cattaraugus	1,833
Cayuga	1,882
Chautauqua	1,935
Chemung	2,169
Chenango	1,460
Clinton	0
Columbia	646
Cortland	1,142
Delaware	1,626
Dutchess	2,345
Erie	10,197
Essex	0

COUNTY	Res Count
Franklin	0
Fulton	0
Genesee	1,369
Greene	0
Hamilton	0
Herkimer	2,042
Jefferson	2,246
Lewis	0
Livingston	1,190
Madison	1,677
Monroe	7,501
Montgomery	0
Nassau	0
New York City	0
Niagara	2,822

COUNTY	Res Count
Oneida	1,969
Onondaga	4,318
Ontario	989
Orange	2,644
Orleans	0
Oswego	2,165
Otsego	0
Putnam	0
Rensselaer	2,183
Rockland	1,406
Saratoga	1,992
Schenectady	0
Schoharie	0
Schuyler	0
Seneca	97

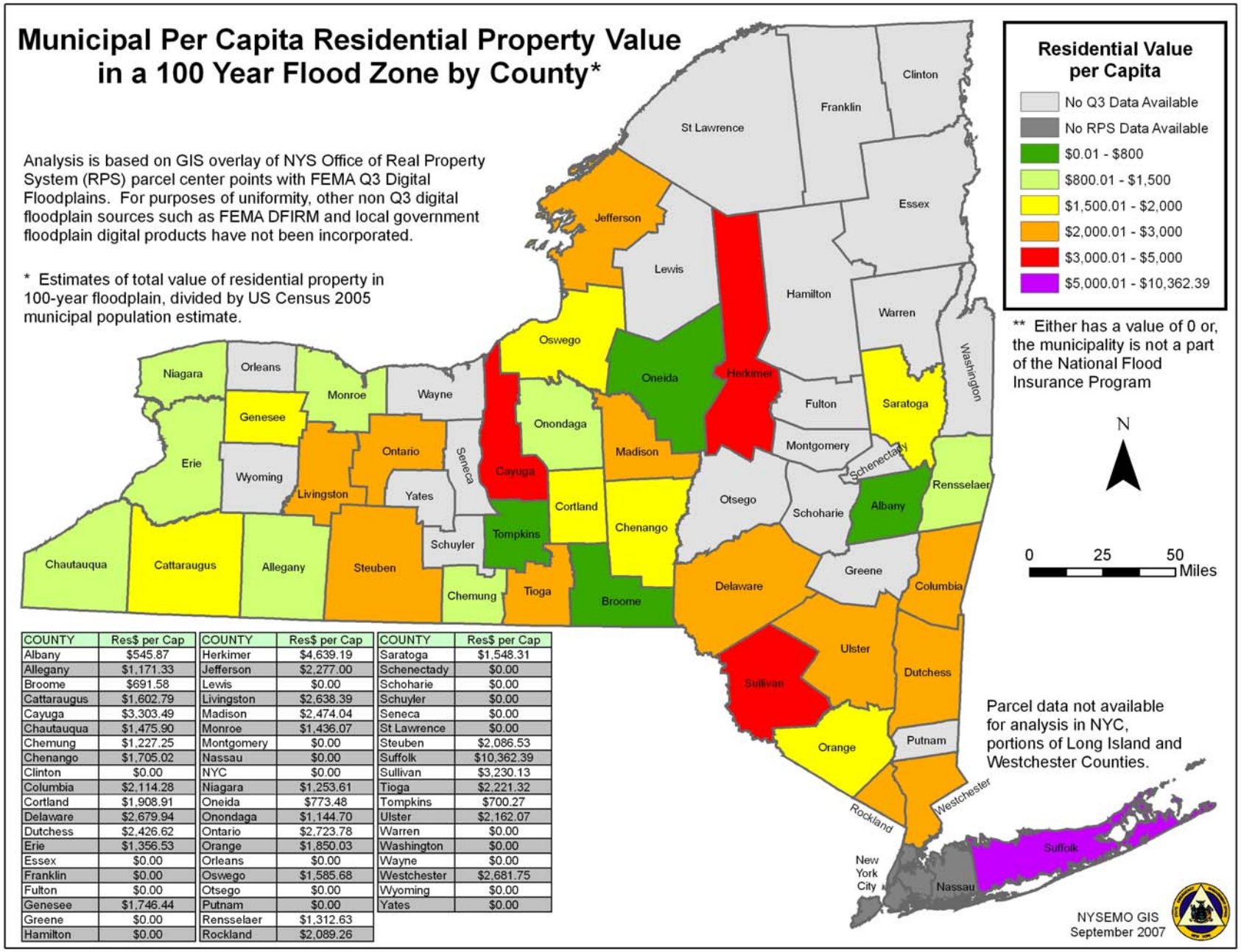
COUNTY	Res Count
St Lawrence	0
Steuben	2,138
Suffolk	15,113
Sullivan	1,551
Tioga	1,533
Tompkins	443
Ulster	1,854
Warren	0
Washington	0
Wayne	0
Westchester	2,636
Wyoming	0
Yates	0

Figure 3-31



FULLNAME	Res Count
SOUTHAMPTON, TOWN OF	3000
BABYLON, TOWN OF	2738
BUFFALO, CITY OF	2565
AMHERST, TOWN OF	2366
GREECE, TOWN OF	1680
SOUTHOLD, TOWN OF	1609
NIAGARA FALLS, CITY OF	1433
BROOKHAVEN, TOWN OF	1398
LINDENHURST, VILLAGE OF	1278
LACKAWANNA, CITY OF	1185

Figure 3-32

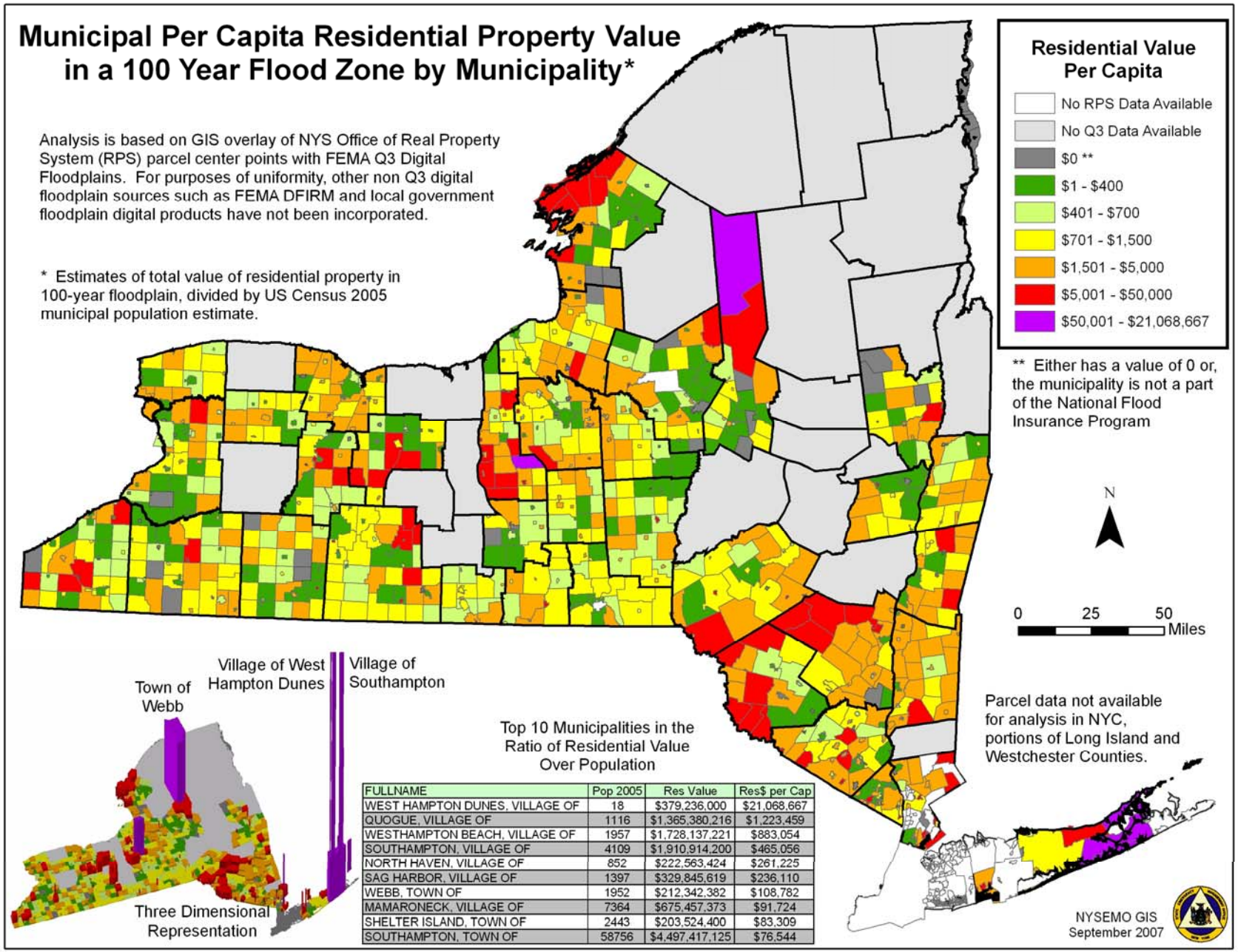


COUNTY	Res$ per Cap
Albany	$545.87
Allegany	$1,171.33
Broome	$691.58
Cattaraugus	$1,602.79
Cayuga	$3,303.49
Chautauqua	$1,475.90
Chemung	$1,227.25
Chenango	$1,705.02
Clinton	$0.00
Columbia	$2,114.28
Cortland	$1,908.91
Delaware	$2,679.94
Dutchess	$2,426.62
Erie	$1,356.53
Essex	$0.00
Franklin	$0.00
Fulton	$0.00
Genesee	$1,746.44
Greene	$0.00
Hamilton	$0.00

COUNTY	Res$ per Cap
Herkimer	$4,639.19
Jefferson	$2,277.00
Lewis	$0.00
Livingston	$2,638.39
Madison	$2,474.04
Monroe	$1,436.07
Montgomery	$0.00
Nassau	$0.00
NYC	$0.00
Niagara	$1,253.61
Oneida	$773.48
Onondaga	$1,144.70
Ontario	$2,723.78
Orange	$1,850.03
Orleans	$0.00
Oswego	$1,585.68
Otsego	$0.00
Putnam	$0.00
Rensselaer	$1,312.63
Rockland	$2,089.26

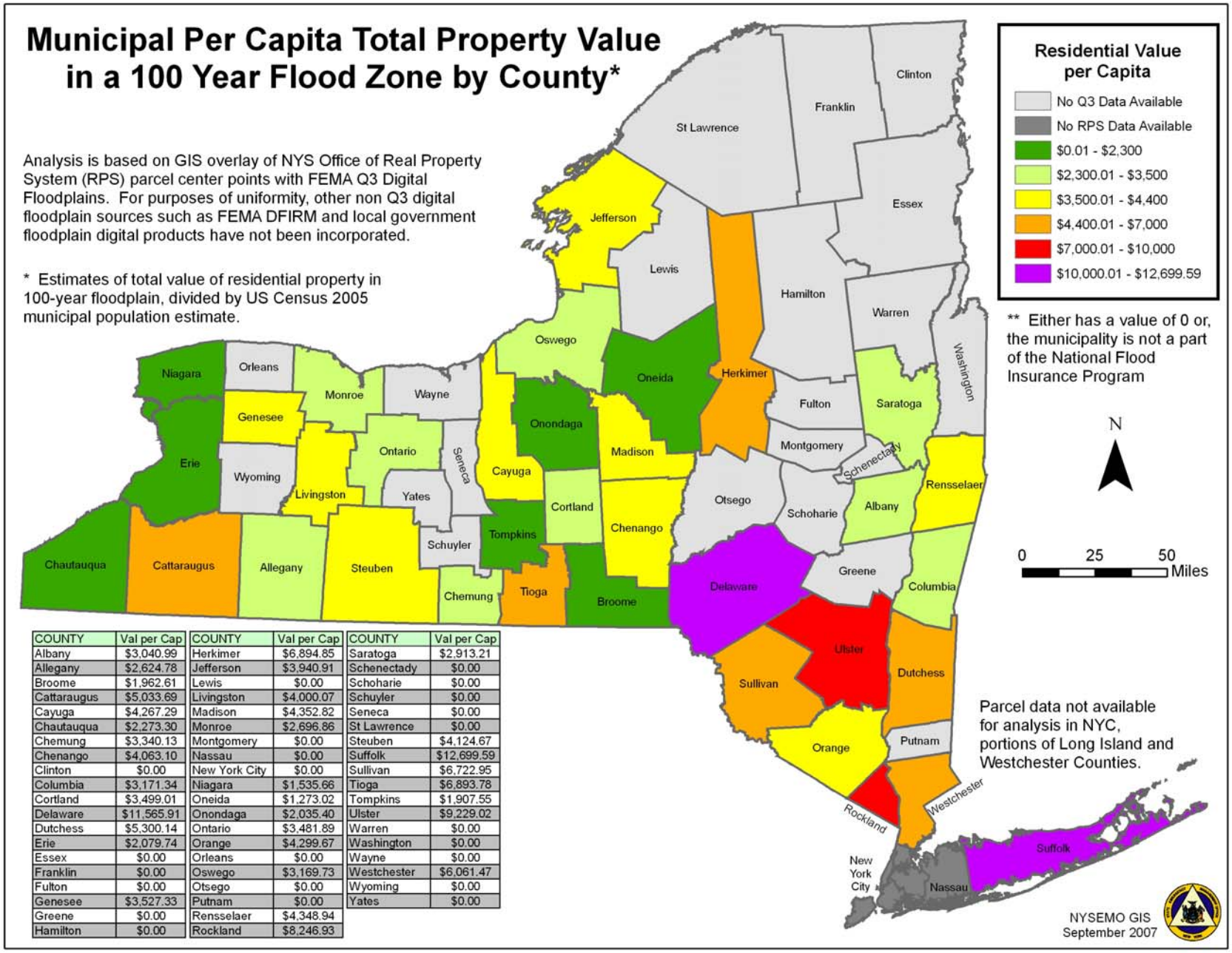
COUNTY	Res$ per Cap
Saratoga	$1,548.31
Schenectady	$0.00
Schoharie	$0.00
Schuyler	$0.00
Seneca	$0.00
St Lawrence	$0.00
Steuben	$2,086.53
Suffolk	$10,362.39
Sullivan	$3,230.13
Tioga	$2,221.32
Tompkins	$700.27
Ulster	$2,162.07
Warren	$0.00
Washington	$0.00
Wayne	$0.00
Westchester	$2,681.75
Wyoming	$0.00
Yates	$0.00

Figure 3-33



FULLNAME	Pop 2005	Res Value	Res$ per Cap
WEST HAMPTON DUNES, VILLAGE OF	18	$379,236,000	$21,068,667
QUOGUE, VILLAGE OF	1116	$1,365,380,216	$1,223,459
WESTHAMPTON BEACH, VILLAGE OF	1957	$1,728,137,221	$883,054
SOUTHAMPTON, VILLAGE OF	4109	$1,910,914,200	$465,056
NORTH HAVEN, VILLAGE OF	852	$222,563,424	$261,225
SAG HARBOR, VILLAGE OF	1397	$329,845,619	$236,110
WEBB, TOWN OF	1952	$212,342,382	$108,782
MAMARONECK, VILLAGE OF	7364	$675,457,373	$91,724
SHELTER ISLAND, TOWN OF	2443	$203,524,400	$83,309
SOUTHAMPTON, TOWN OF	58756	$4,497,417,125	$76,544

Figure 3-34

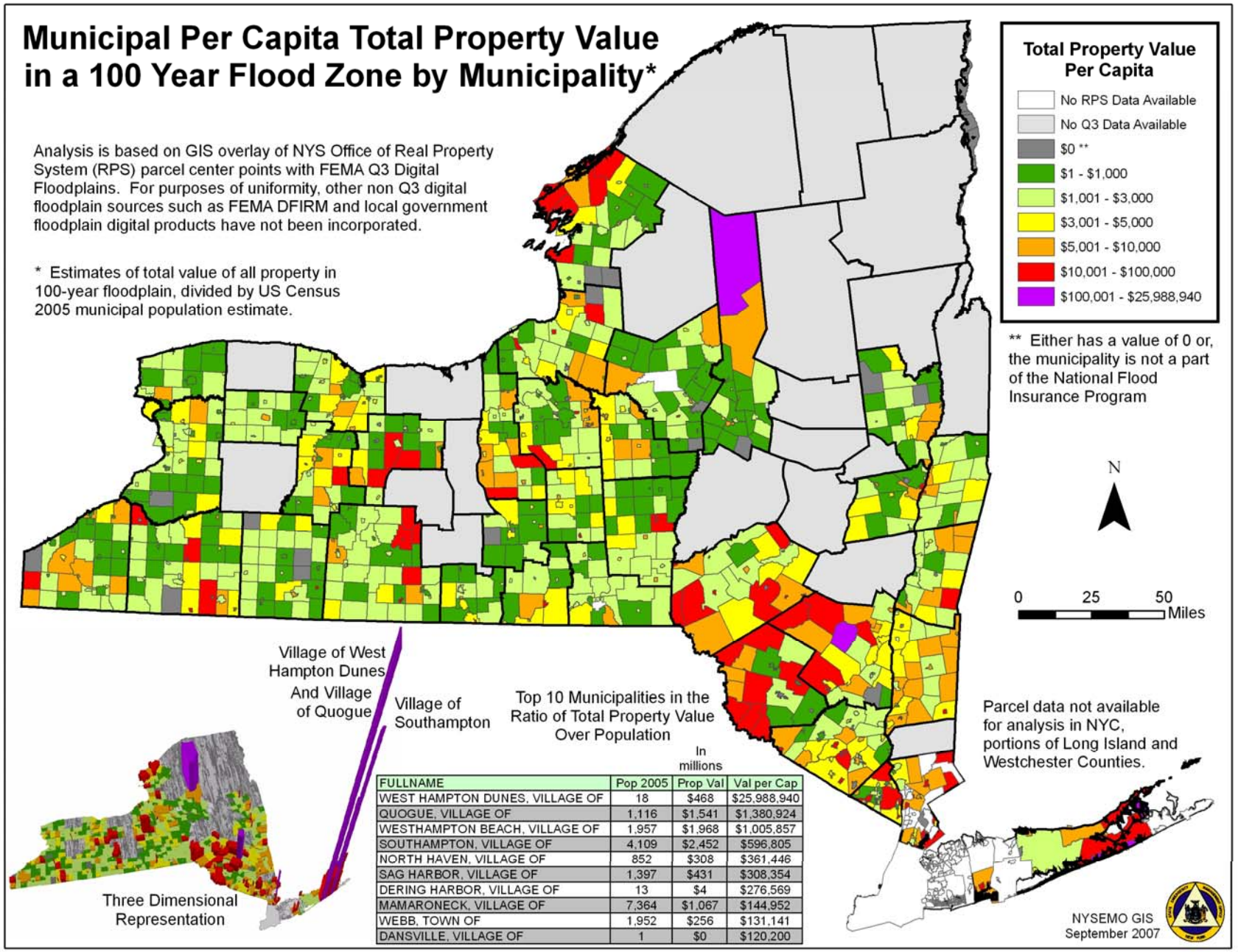


COUNTY	Val per Cap
Albany	$3,040.99
Allegany	$2,624.78
Broome	$1,962.61
Cattaraugus	$5,033.69
Cayuga	$4,267.29
Chautauqua	$2,273.30
Chemung	$3,340.13
Chenango	$4,063.10
Clinton	$0.00
Columbia	$3,171.34
Cortland	$3,499.01
Delaware	$11,565.91
Dutchess	$5,300.14
Erie	$2,079.74
Essex	$0.00
Franklin	$0.00
Fulton	$0.00
Genesee	$3,527.33
Greene	$0.00
Hamilton	$0.00

COUNTY	Val per Cap
Herkimer	$6,894.85
Jefferson	$3,940.91
Lewis	$0.00
Livingston	$4,000.07
Madison	$4,352.82
Monroe	$2,696.86
Montgomery	$0.00
Nassau	$0.00
New York City	$0.00
Niagara	$1,535.66
Oneida	$1,273.02
Onondaga	$2,035.40
Ontario	$3,481.89
Orange	$4,299.67
Orleans	$0.00
Oswego	$3,169.73
Otsego	$0.00
Putnam	$0.00
Rensselaer	$4,348.94
Rockland	$8,246.93

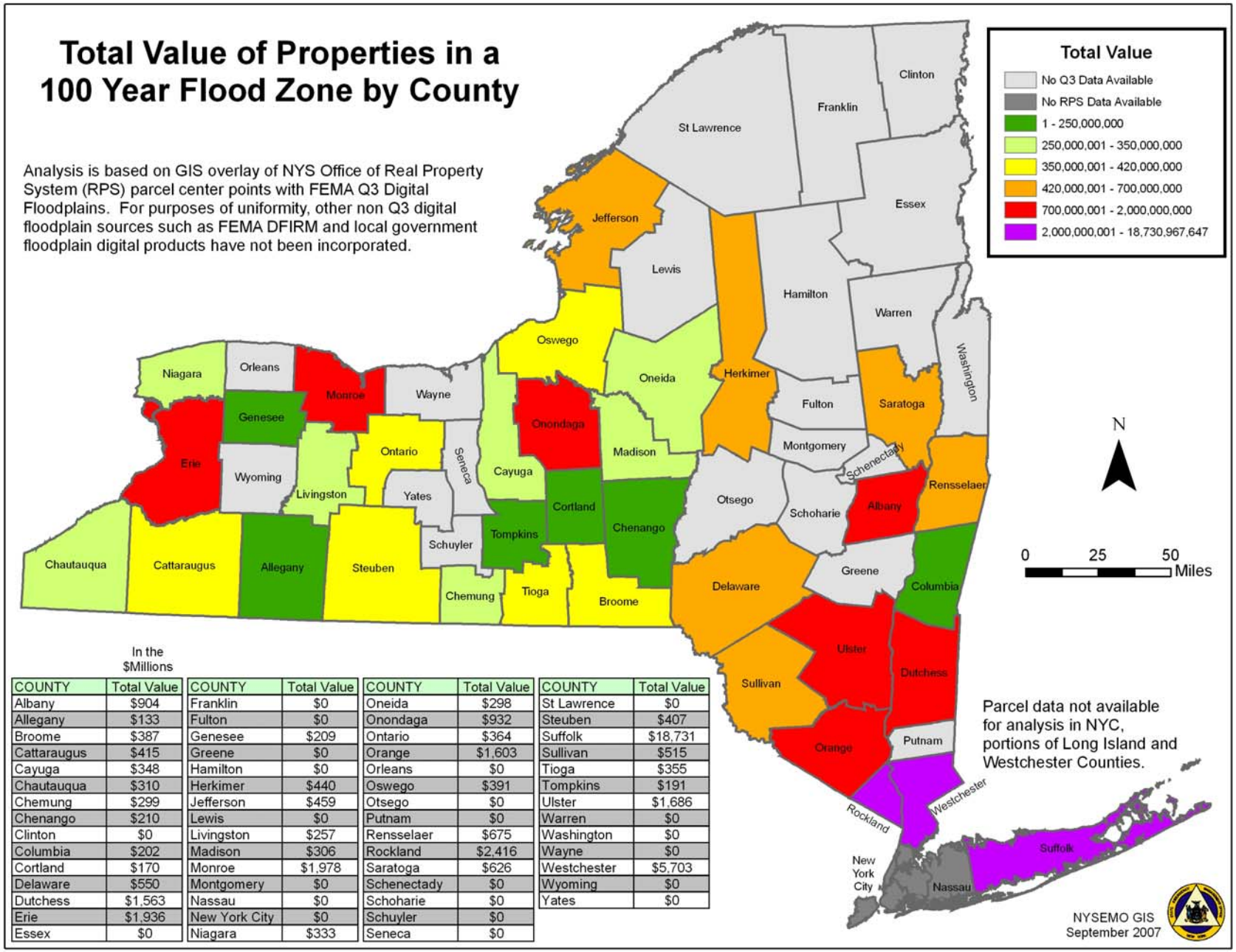
COUNTY	Val per Cap
Saratoga	$2,913.21
Schenectady	$0.00
Schoharie	$0.00
Schuyler	$0.00
Seneca	$0.00
St Lawrence	$0.00
Steuben	$4,124.67
Suffolk	$12,699.59
Sullivan	$6,722.95
Tioga	$6,893.78
Tompkins	$1,907.55
Ulster	$9,229.02
Warren	$0.00
Washington	$0.00
Wayne	$0.00
Westchester	$6,061.47
Wyoming	$0.00
Yates	$0.00

Figure 3-35



FULLNAME	Pop 2005	Prop Val	Val per Cap
WEST HAMPTON DUNES, VILLAGE OF	18	$468	$25,988,940
QUOGUE, VILLAGE OF	1,116	$1,541	$1,380,924
WESTHAMPTON BEACH, VILLAGE OF	1,957	$1,968	$1,005,857
SOUTHAMPTON, VILLAGE OF	4,109	$2,452	$596,805
NORTH HAVEN, VILLAGE OF	852	$308	$361,446
SAG HARBOR, VILLAGE OF	1,397	$431	$308,354
DERING HARBOR, VILLAGE OF	13	$4	$276,569
MAMARONECK, VILLAGE OF	7,364	$1,067	$144,952
WEBB, TOWN OF	1,952	$256	$131,141
DANSVILLE, VILLAGE OF	1	$0	$120,200

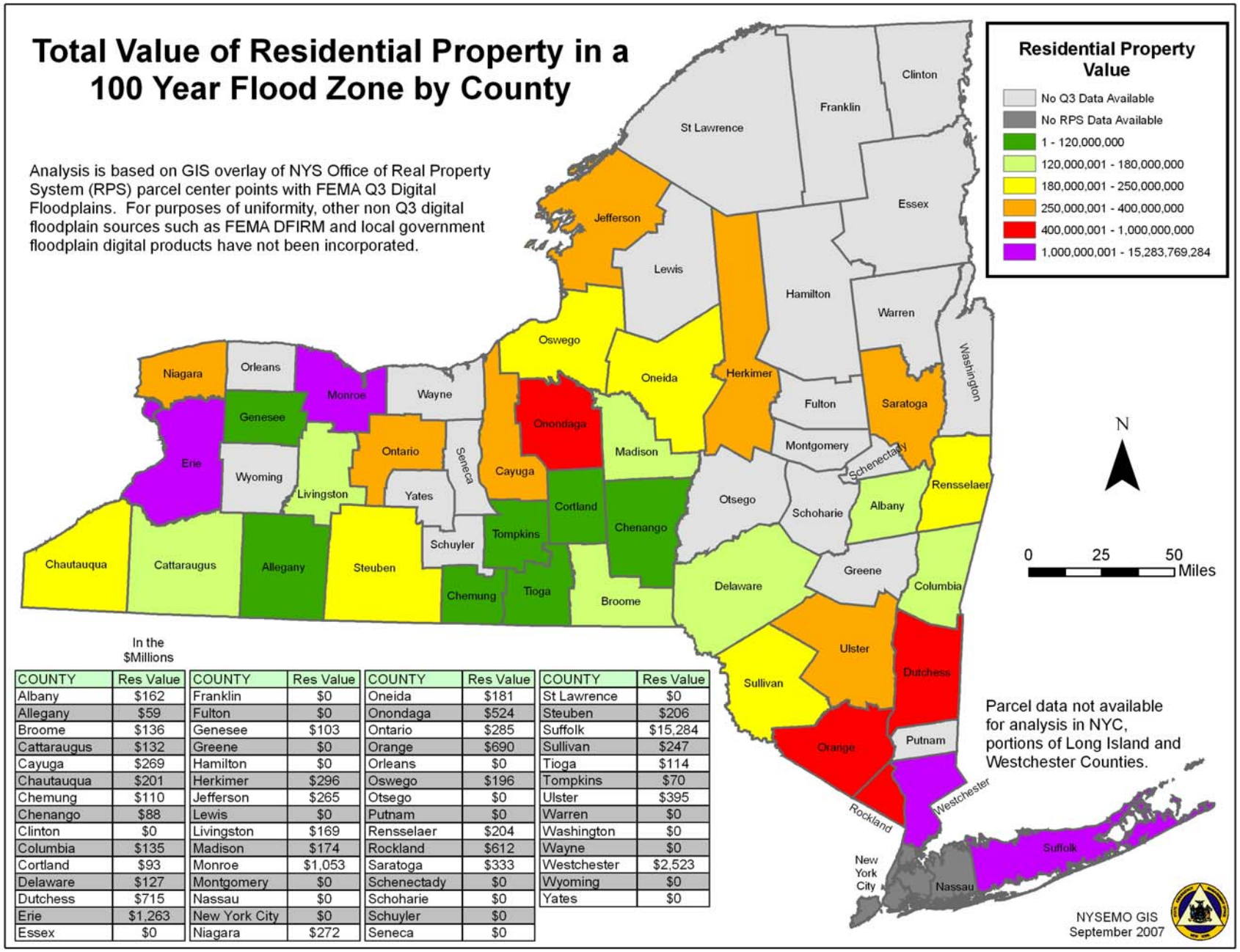
Figure 3-36



In the $Millions

COUNTY	Total Value	COUNTY	Total Value	COUNTY	Total Value	COUNTY	Total Value
Albany	$904	Franklin	$0	Oneida	$298	St Lawrence	$0
Allegany	$133	Fulton	$0	Onondaga	$932	Steuben	$407
Broome	$387	Genesee	$209	Ontario	$364	Suffolk	$18,731
Cattaraugus	$415	Greene	$0	Orange	$1,603	Sullivan	$515
Cayuga	$348	Hamilton	$0	Orleans	$0	Tioga	$355
Chautauqua	$310	Herkimer	$440	Oswego	$391	Tompkins	$191
Chemung	$299	Jefferson	$459	Otsego	$0	Ulster	$1,686
Chenango	$210	Lewis	$0	Putnam	$0	Warren	$0
Clinton	$0	Livingston	$257	Rensselaer	$675	Washington	$0
Columbia	$202	Madison	$306	Rockland	$2,416	Wayne	$0
Cortland	$170	Monroe	$1,978	Saratoga	$626	Westchester	$5,703
Delaware	$550	Montgomery	$0	Schenectady	$0	Wyoming	$0
Dutchess	$1,563	Nassau	$0	Schoharie	$0	Yates	$0
Erie	$1,936	New York City	$0	Schuyler	$0		
Essex	$0	Niagara	$333	Seneca	$0		

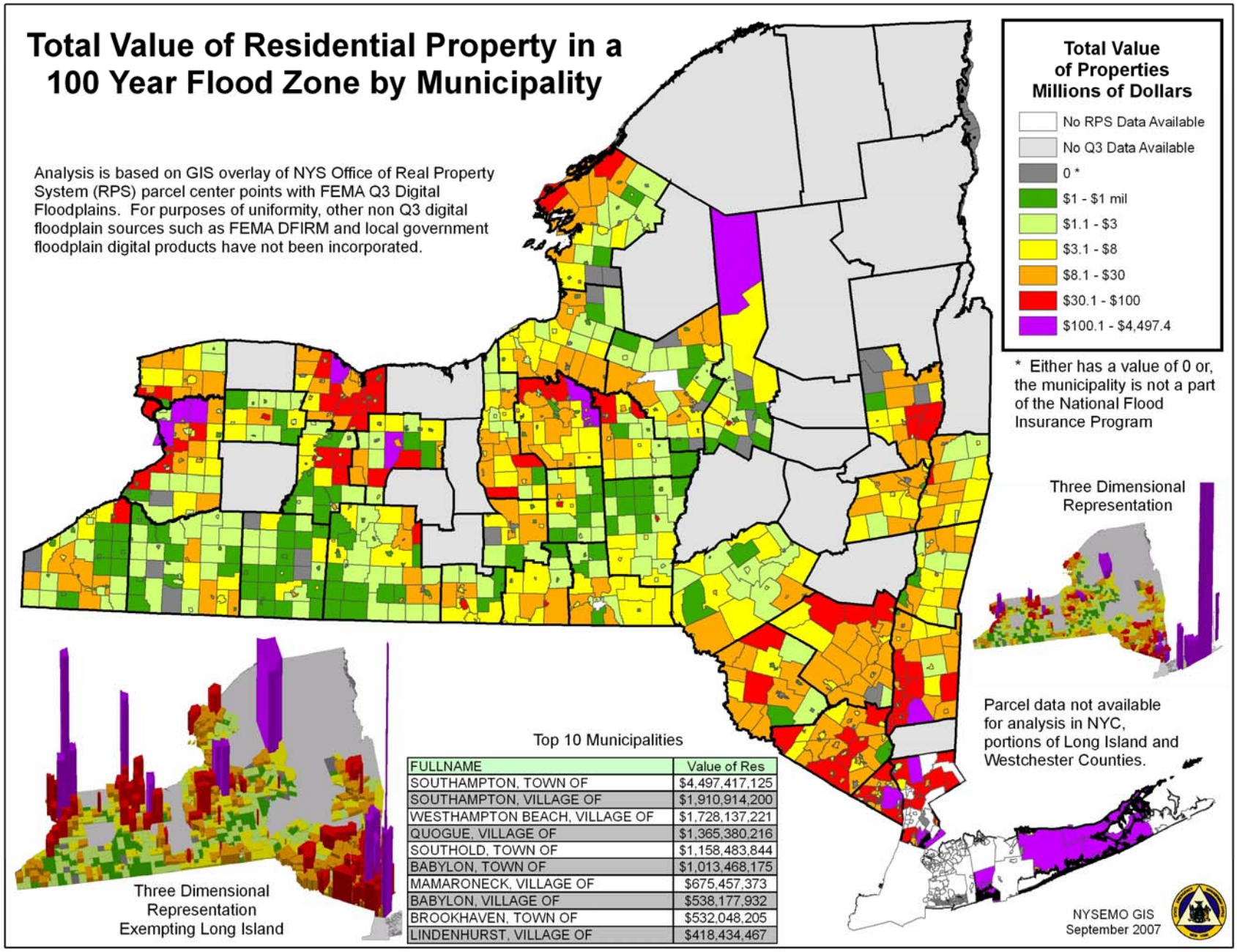
Figure 3-37



In the $Millions

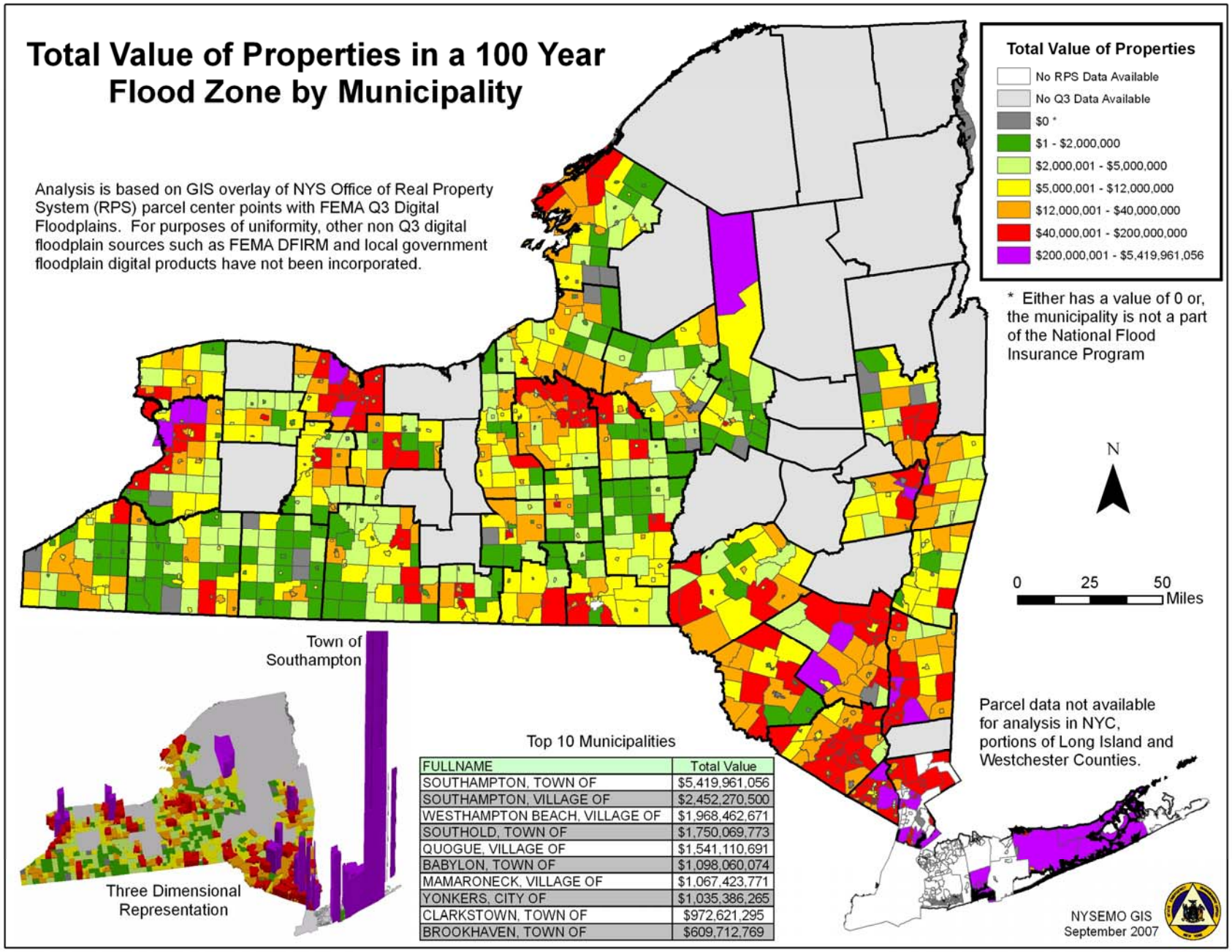
COUNTY	Res Value	COUNTY	Res Value	COUNTY	Res Value	COUNTY	Res Value
Albany	$162	Franklin	$0	Oneida	$181	St Lawrence	$0
Allegany	$59	Fulton	$0	Onondaga	$524	Steuben	$206
Broome	$136	Genesee	$103	Ontario	$285	Suffolk	$15,284
Cattaraugus	$132	Greene	$0	Orange	$690	Sullivan	$247
Cayuga	$269	Hamilton	$0	Orleans	$0	Tioga	$114
Chautauqua	$201	Herkimer	$296	Oswego	$196	Tompkins	$70
Chemung	$110	Jefferson	$265	Otsego	$0	Ulster	$395
Chenango	$88	Lewis	$0	Putnam	$0	Warren	$0
Clinton	$0	Livingston	$169	Rensselaer	$204	Washington	$0
Columbia	$135	Madison	$174	Rockland	$612	Wayne	$0
Cortland	$93	Monroe	$1,053	Saratoga	$333	Westchester	$2,523
Delaware	$127	Montgomery	$0	Schenectady	$0	Wyoming	$0
Dutchess	$715	Nassau	$0	Schoharie	$0	Yates	$0
Erie	$1,263	New York City	$0	Schuyler	$0		
Essex	$0	Niagara	$272	Seneca	$0		

Figure 3-38



FULLNAME	Value of Res
SOUTHAMPTON, TOWN OF	$4,497,417,125
SOUTHAMPTON, VILLAGE OF	$1,910,914,200
WESTHAMPTON BEACH, VILLAGE OF	$1,728,137,221
QUOGUE, VILLAGE OF	$1,365,380,216
SOUTHOLD, TOWN OF	$1,158,483,844
BABYLON, TOWN OF	$1,013,468,175
MAMARONECK, VILLAGE OF	$675,457,373
BABYLON, VILLAGE OF	$538,177,932
BROOKHAVEN, TOWN OF	$532,048,205
LINDENHURST, VILLAGE OF	$418,434,467

Figure 3-39



FULLNAME	Total Value
SOUTHAMPTON, TOWN OF	$5,419,961,056
SOUTHAMPTON, VILLAGE OF	$2,452,270,500
WESTHAMPTON BEACH, VILLAGE OF	$1,968,462,671
SOUTHOLD, TOWN OF	$1,750,069,773
QUOGUE, VILLAGE OF	$1,541,110,691
BABYLON, TOWN OF	$1,098,060,074
MAMARONECK, VILLAGE OF	$1,067,423,771
YONKERS, CITY OF	$1,035,386,265
CLARKSTOWN, TOWN OF	$972,621,295
BROOKHAVEN, TOWN OF	$609,712,769