

# Sample Flood Data Tables from the Draft 2016 Hazard Mitigation Plan

National Flood Insurance Program Repetitive Loss Properties Claim Statistics by Municipality

Municipality	Building Payments	Contents Payments	Total Payments	Average Payment	Losses	Properties
Darien	\$6,863,704.04	\$1,478,197.69	\$8,341,901.73	\$52,464.79	159	59
Greenwich	\$12,023,343.71	\$1,683,302.31	\$13,706,646.02	\$34,612.74	396	134
New Canaan	\$329,928.34	\$39,184.91	\$369,113.25	\$20,506.29	18	7
Norwalk	\$18,847,523.32	\$2,109,493.25	\$20,957,016.57	\$30,549.59	686	245
Stamford	\$11,771,394.95	\$2,011,897.53	\$13,783,292.48	\$37,151.73	371	118
Weston	\$492,539.07	\$58,514.22	\$551,053.29	\$15,307.04	36	15
Westport	\$22,004,678.94	\$3,289,923.63	\$25,294,602.57	\$32,512.34	778	256
Wilton	\$760,186.85	\$131,803.34	\$891,990.19	\$20,272.50	44	16

Source: FEMA NIFP. Generated 12/3/2014

Flood statistics by municipality. Acres and Estimated Damage in 1000's of dollars

Municipality	Riverine				Coastal			
	Flood Area (Acres)		Damage (\$ 1000's)		Flood Area (Acres)		Damage (\$ 1000's)	
	1% Flood	0.2% Flood	1% Flood	0.2% Flood	1% Flood	0.2% Flood	1% Flood	0.2% Flood
Darien	241	303	33231	50824	494	596	64023	92530
Greenwich	1369	1638	71481	109324	904	1153	193473	288006
New Canaan	534	618	19093	29201	--	--	--	--
Norwalk	516	597	107580	164534	1273	1462	249371	436406
Stamford	1421	1689	209421	320290	879	1070	413109	643095
Weston	1062	1168	29062	44448	--	--	--	--
Westport	507	1022	53293	81507	1017	1252	193279	352951
Wilton	940	1059	222010	339544	--	--	--	--
Region	6590	8094	745171	1139670	4567	5533	1113255	1812988

1. Damage statistics for 0.2% flood event for each municipality were derived from the regional 500yr flood event totals and the damage proportions observed in the 1% flood event.

Table 3.9.1-1: Flood Hazard Summary by Municipality

Municipality	Location (Geographic Area)	Maximum Probable Extent (Magnitude/Strength)	Probability of Future Events	Overall Significance Ranking
Darien	extensive	extreme	highly likely	high
Greenwich	significant	severe	occasional	high
New Canaan	limited	moderate	occasional	low
Norwalk	limited	moderate	occasional	low
Stamford	significant	moderate/severe	likely	medium/high
Weston	limited	moderate/severe	likely	medium
Westport	significant	sever	highly likely	high
Wilton	extensive	severe	occasional	medium

**Table 3.9.4-1: Municipal assets within HAZUS defined coastal and riverine 1% annual flood zones**

	Darlen		Greenwich		New Canaan		Norwalk		Stamford		Weston		Westport		Wilton		South Western Region		
	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	
Care Facility	4	0	10	0	3	0	30	0	38	1	0	0	0	5	0	0	0	95	1
EMC	1	0	1	0	1	0	1	0	1	0	0	0	1	0	0	0	0	8	0
Fire	3	0	7	0	1	0	6	0	13	1	1	2	0	4	1	0	0	38	2
Housing	3	0	12	0	0	0	21	1	3	0	0	0	3	1	0	0	0	46	2
Other	6	1	73	18	7	0	56	14	11	4	0	4	0	30	8	3	6	193	45
Police	1	0	2	1	1	0	3	1	2	0	0	1	0	1	0	0	1	12	2
Rail/Bus	6	0	14	0	2	0	26	2	11	2	1	0	0	22	0	1	3	84	4
School	8	0	26	1	10	0	30	0	50	0	4	0	0	13	1	1	11	152	2
<b>Grand Total</b>	<b>32</b>	<b>1</b>	<b>145</b>	<b>20</b>	<b>25</b>	<b>0</b>	<b>173</b>	<b>18</b>	<b>129</b>	<b>8</b>	<b>6</b>	<b>12</b>	<b>0</b>	<b>79</b>	<b>11</b>	<b>5</b>	<b>33</b>	<b>628</b>	<b>58</b>

**Table 3.9.4-2: Municipal assets within HAZUS defined coastal and riverine 0.2% annual flood zones**

	Darlen		Greenwich		New Canaan		Norwalk		Stamford		Weston		Westport		Wilton		South Western Region		
	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	
Care Facility	4	0	10	0	3	0	30	0	38	2	0	0	0	5	0	0	0	95	2
EMC	1	0	1	0	1	0	1	0	1	0	0	1	0	1	0	0	0	8	0
Fire	3	0	7	0	1	0	6	1	13	1	1	2	0	4	1	2	0	38	3
Housing	3	0	12	0	0	0	21	2	3	1	0	0	3	2	2	4	0	46	5
Other	6	1	73	19	7	0	56	16	11	5	0	4	0	30	8	8	6	193	49
Police	1	0	2	1	1	0	3	1	2	0	0	1	0	1	0	0	1	12	2
Rail/Bus	6	0	14	0	2	0	26	3	11	2	1	0	0	22	1	2	3	84	6
School	8	0	26	1	10	0	30	2	50	0	5	4	0	13	1	1	11	152	4
<b>Grand Total</b>	<b>32</b>	<b>1</b>	<b>145</b>	<b>21</b>	<b>25</b>	<b>0</b>	<b>173</b>	<b>25</b>	<b>129</b>	<b>11</b>	<b>7</b>	<b>12</b>	<b>0</b>	<b>79</b>	<b>13</b>	<b>14</b>	<b>33</b>	<b>628</b>	<b>71</b>

**Table 3.9.3-2: Count of flood events by municipality**

Flood type	Darlen		Greenwich		New Canaan		Norwalk		Stamford		Weston		Westport		Wilton		Multi Juris.	
	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine	Total	Riverine
Flood	0	2	0	1	2	0	1	0	1	0	1	0	9	15	15	15	15	15
Flash Flood	4	8	2	6	5	2	3	1	9	9	40	40	40	40	40	40	40	40
Coastal Flood	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15
<b>Flood Total</b>	<b>4</b>	<b>10</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>33</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>

Flood Events data has been collected from 1996-2013