APPENDIX J. LOCAL HAZARD MITIGATION PLAN CAPABILITY AND RISK ASSESSMENTS

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																				Hazard Identification																	
																																		Nature-based												Human-based									
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
ATLANTIC	Absecon City	City	0101	4,627	7.2	8,411	7,638	7,298	6,859	1,165	1,056	1,009	949	x	x	x	x		x	x	x	x	x	x									x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Atlantic City	City	0102	10,179	15.9	39,558	40,517	37,986	40,199	2,488	2,547	2,388	2,527	x	x	x	x	x	x	x	x	x	x	x	x	x							x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Brigantine City	City	0103	6,851	10.7	9,450	12,594	11,354	8,318	883	1,176	1,061	777	x	x	x	x	x	x	x	x	x	x	x		x							x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Buena Borough	Borough	0104	4,846	7.6	4,603	3,873	4,441	3,642	608	511	586	481	x	x	x			x	x	x	x	x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Buena Vista Township	Township	0105	26,608	41.6	7,570	7,436	7,655	6,959	182	179	184	167	x	x	x				x	x		x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Corbin City	City	0106	5,742	9.0	492	468	412	254	55	52	46	28	x	x	x	x	x	x	x	x		x	x	x	x								x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Egg Harbor City	City	0107	7,313	11.4	4,243	4,833	4,583	19,381	373	424	402	1,702	x	x	x		x	x	x	x	x	x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Egg Harbor Township	Township	0108	48,343	75.5	43,323	25,893	24,553	4,618	574	343	325	61	x	x	x	x	x	x	x	x	x	x	x										x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Estell Manor City	City	0109	35,320	55.2	1,735	1,585	1,404	848	31	29	25	15	x	x	x			x	x	x		x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Folsom Borough	Borough	0110	5,446	8.5	1,885	1,972	2,181	1,892	222	232	256	222	x	x	x	x	x	x	x	x		x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Galloway Township	Township	0111	71,201	111.3	37,349	31,209	23,330	12,176	336	280	210	109	x	x	x	x	x	x	x	x	x	x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Hamilton Township	Township	0112	72,271	112.9	26,503	20,499	16,012	9,499	235	182	142	84	x	x	x	x	x	x	x	x	x	x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Hammonton Town	Town	0113	26,439	41.3	14,791	12,604	12,208	12,298	358	305	296	298	x						x	x													x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Linwood City	City	0114	2,791	4.4	7,092	7,172	6,866	6,144	1,627	1,645	1,575	1,409	x	x	x	x		x	x	x		x		x								x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Longport Borough	Borough	0115	380	0.6	895	1,054	1,224	1,249	1,517	1,774	2,060	2,103	x	x	x	x		x	x	x		x	x		x							x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Margate City	City	0116	1,045	1.6	6,354	8,193	8,431	9,179	3,898	5,020	5,166	5,624	x	x	x	x	x	x	x	x	x	x	x		x							x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Mullica Township	Township	0117	36,372	56.8	6,147	5,912	5,896	5,243	108	104	104	92	x	x	x	x	x	x	x	x	x	x	x										x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Northfield City	City	0118	2,315	3.6	8,624	7,725	7,305	7,795	2,389	2,136	2,020	2,155	x	x	x	x		x	x	x	x	x												x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Pleasantville City	City	0119	4,648	7.3	20,249	19,012	16,027	13,435	2,789	2,618	2,207	1,850	x	x	x	x		x	x	x	x	x											x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Port Republic City	City	0120	5,476	8.6	1,115	1,037	992	837	130	121	116	98	x	x					x	x		x	x											x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Somers Point City	City	0121	3,185	5.0	10,795	11,614	11,216	10,330	2,172	2,334	2,254	2,076	x	x	x	x	x	x	x	x	x	x												x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Ventnor City	City	0122	1,632	2.5	10,650	12,910	11,005	11,704	4,193	5,064	4,317	4,591	x	x	x	x	x	x	x	x	x	x	x	x									x	x	x	x	x	x		x	x	x	x	x												
ATLANTIC	Weymouth Township	Township	0123	7,787	12.2	2,715	2,257	1,957	1,260	223	186	161	104	x	x	x			x	x	x	x	x												x	x	x	x	x		x	x	x	x	x												
BERGEN	Allendale Borough	Borough	0201	1,994	3.1	6,505	6,699	5,900	5,901	2,092	2,150	1,893	1,894	x	x			x		x	x		x								x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Alpine Borough	Borough	0202	4,095	6.4	1,849	2,183	1,716	1,549	289	341	268	242	x	x					x	x		x								x				x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Bergenfield Borough	Borough	0203	1,860	2.9	26,764	26,247	24,458	25,568	9,229	9,030	8,415	8,796	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Bogota Borough	Borough	0204	512	0.8	8,187	8,249	7,824	8,344	10,363	10,320	9,788	10,438	x	x								x								x				x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Carlstadt Borough	Borough	0205	2,690	4.2	6,127	5,917	5,510	6,166	1,459	1,408	1,311	1,467	x	x								x				x	x		x					x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Cliffside Park Borough	Borough	0206	612	1.0	23,594	23,007	20,393	21,464	24,836	24,068	21,334	22,454	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Closter Borough	Borough	0207	2,109	3.3	8,373	8,383	8,094	8,164	2,545	2,543	2,456	2,477	x	x			x		x	x		x					x	x		x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Cresskill Borough	Borough	0208	1,327	2.1	8,573	7,746	7,558	7,609	4,142	3,737	3,646	3,671	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Demarest Borough	Borough	0209	1,330	2.1	4,881	4,845	4,800	4,963	2,358	2,331	2,309	2,388	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Dumont Borough	Borough	0210	1,252	2.0	17,479	17,503	17,187	18,334	8,964	8,946	8,785	9,371	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	East Rutherford Borough	Borough	0212	2,589	4.0	8,913	8,716	7,902	7,849	2,206	2,155	1,954	1,940	x	x								x					x		x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Edgewater Borough	Borough	0213	620	1.0	11,513	7,677	5,001	4,628	11,993	7,923	5,162	4,777	x	x			x		x	x		x					x	x	x	x	x				x	x	x	x	x	x	x	x	x	x												
BERGEN	Elmwood Park Borough	Borough	0211	1,751	2.7	19,403	18,925	17,623	18,377	7,107	6,917	6,441	6,717	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Emerson Borough	Borough	0214	1,548	2.4	7,401	7,197	6,930	7,793	3,071	2,976	2,866	3,223	x	x			x		x	x		x						x	x					x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Englewood City	City	0215	3,166	4.9	27,147	26,203	24,850	23,701	5,495	5,297	5,024	4,792	x	x						x		x								x			x	x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Englewood Cliffs Borough	Borough	0216	1,332	2.1	5,281	5,322	5,634	5,698	2,539	2,556	2,706	2,737	x	x			x		x	x		x						x			x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Fair Lawn Borough	Borough	0217	3,340	5.2	32,457	31,637	30,548	32,229	6,230	6,062	5,853	6,175	x	x						x		x					x		x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Fairview Borough	Borough	0218	541	0.8	13,835	13,255	10,733	10,519	16,470	15,689	12,704	12,451	x	x			x		x	x		x							x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Fort Lee Borough	Borough	0219	1,606	2.5	35,345	35,461	31,997	32,449	14,138	14,130	12,750	12,930	x	x			x		x			x								x				x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Franklin Lakes Borough	Borough	0220	6,323	9.9	10,590	10,422	9,873	8,769	1,073	1,055	999	888	x	x			x		x	x		x							x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Garfield City	City	0221	1,402	2.2	30,487	29,786	26,727	26,803	13,921	13,579	12,184	12,219	x	x								x								x			x	x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Glen Rock Borough	Borough	0222	1,739	2.7	11,601	11,546	10,883	11,497	4,281	4,250	4,006	4,232	x	x			x		x	x		x					x		x	x				x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Hackensack City	City	0223	2,779	4.3	43,010	42,677	37,049	36,039	9,910	9,827	8,531	8,298	x	x								x								x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Harrington Park Borough	Borough	0224	1,319	2.1	4,664	4,740	4,623	4,532	2,264	2,300	2,243	2,199	x	x					x			x								x				x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Hasbrouck Heights Borough	Borough	0225	979	1.5	11,842	11,662	11,488	12,166	7,740	7,621	7,508	7,951	x	x			x		x	x		x								x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Haworth Borough	Borough	0226	1,502	2.3	3,382	3,390	3,384	3,509	1,445	1,445	1,442	1,495	x	x								x								x				x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Hillsdale Borough	Borough	0227	1,878	2.9	10,219	10,087	9,750	10,495	3,488	3,438	3,323	3,577	x	x			x			x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Ho-Ho-Kus Borough	Borough	0228	1,120	1.8	4,078	4,060	3,935	4,129	2,330	2,320	2,248	2,359	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Leonia Borough	Borough	0229	1,042	1.6	8,937	8,914	8,365	8,027	5,517	5,474	5,136	4,929	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Little Ferry Borough	Borough	0230	1,070	1.7	10,626	10,800	9,989	9,399	6,363	6,458	5,973	5,621	x	x						x		x					x		x				x	x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Lodi Borough	Borough	0231	1,466	2.3	24,136	23,971	22,355	23,956	10,540	10,465	9,759	10,458	x	x								x											x	x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Lyndhurst Township	Township	0232	3,178	5.0	20,554	19,383	18,262	20,326	4,144	3,903	3,678	4,093	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Mahwah Township	Township	0233	16,564	25.9	25,890	24,062	17,905	12,127	1,000	930	692	469	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Maywood Borough	Borough	0234	824	1.3	9,555	9,523	9,473	9,895	7,465	7,392	7,353	7,681	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Midland Park Borough	Borough	0235	1,012	1.6	7,128	6,947	7,047	7,381	4,511	4,393	4,457	4,668	x	x			x			x		x								x	x	x		x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Montvale Borough	Borough	0236	2,581	4.0	7,844	7,034	6,946	7,318	1,946	1,744	1,722	1,815	x	x			x		x	x		x					x		x	x				x	x	x	x	x	x	x	x	x	x	x												
BERGEN	Moonachie Borough	Borough	0237	1,115	1.7	2,708	2,754	2,817	2,706	1,556	1,581	1,617	1,553	x	x			x		x	x		x						x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												
BERGEN	New Milford Borough	Borough	0238	1,485	2.3	16,341	16,400	15,990	16,876	7,044	7,068	6,891	7,273	x	x			x		x	x		x					x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x												

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																			Hazard Identification: Nature-based										Hazard Identification: Human-based										
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
BERGEN	North Arlington Borough	Borough	0239	1,619	2.5	15,392	15,181	13,790	16,587	6,084	5,999	5,449	6,555	x	x			x		x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Northvale Borough	Borough	0240	807	1.3	4,640	4,460	4,563	5,046	3,683	3,537	3,618	4,001	x	x			x			x		x				x	x	x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Norwood Borough	Borough	0241	1,792	2.8	5,711	5,751	4,858	4,413	2,047	2,054	1,735	1,576	x	x			x		x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Oakland Borough	Borough	0242	5,612	8.8	12,754	12,466	11,997	13,443	1,456	1,422	1,368	1,533	x	x			x		x	x		x								x		x	x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Old Tappan Borough	Borough	0243	2,664	4.2	5,750	5,482	4,254	4,168	1,382	1,317	1,022	1,001	x	x			x		x	x		x					x	x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Oradell Borough	Borough	0244	1,637	2.6	7,978	8,047	8,024	8,658	3,129	3,146	3,137	3,385	x	x			x		x	x		x						x					x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Palisades Park Borough	Borough	0245	821	1.3	19,622	17,073	14,536	13,732	15,330	13,311	11,333	10,706	x	x			x		x			x						x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Paramus Borough	Borough	0246	6,720	10.5	26,342	25,737	25,067	26,474	2,509	2,451	2,387	2,521	x	x			x		x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Park Ridge Borough	Borough	0247	1,682	2.6	8,645	8,708	8,102	8,515	3,300	3,314	3,083	3,240	x	x			x		x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Ramsey Borough	Borough	0248	3,566	5.6	14,473	14,351	13,228	12,899	2,598	2,575	2,374	2,315	x	x			x		x	x		x					x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Ridgefield Borough	Borough	0249	1,827	2.9	11,032	10,830	9,996	10,294	3,871	3,794	3,502	3,607	x	x			x		x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Ridgefield Park Village	Village	0250	1,230	1.9	12,729	12,873	12,454	12,738	6,630	6,699	6,481	6,629	x	x			x		x	x		x							x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Ridgewood Village	Village	0251	3,712	5.8	24,958	24,936	24,152	25,208	4,303	4,299	4,164	4,346	x	x			x		x	x		x				x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x											
BERGEN	River Edge Borough	Borough	0252	1,204	1.9	11,340	10,946	10,603	11,111	6,032	5,819	5,637	5,907	x	x			x		x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	River Vale Township	Township	0253	2,761	4.3	9,659	9,449	9,410	9,489	2,241	2,190	2,181	2,200	x	x			x		x	x		x				x	x						x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Rochelle Park Township	Township	0254	656	1.0	5,530	5,528	5,587	5,603	5,422	5,392	5,449	5,465	x	x			x		x	x		x				x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Rockleigh Borough	Borough	0255	647	1.0	531	391	270	192	526	387	267	190	x	x			x		x			x						x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Rutherford Borough	Borough	0256	1,850	2.9	18,061	18,110	17,790	19,068	6,249	6,266	6,155	6,598	x	x			x		x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Saddle Brook Township	Township	0257	1,758	2.7	13,659	13,155	13,296	14,084	4,985	4,789	4,840	5,127	x	x			x		x	x		x					x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Saddle River Borough	Borough	0258	3,175	5.0	3,152	3,201	2,950	2,763	635	645	595	557																					x	x	x	x	x	x	x	x	x	x	x											
BERGEN	South Hackensack Township	Township	0259	476	0.7	2,378	2,249	2,106	2,194	3,214	3,022	2,830	2,948	x	x					x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Teaneck Township	Township	0260	3,993	6.2	39,776	39,260	37,825	39,007	6,385	6,293	6,063	6,252	x	x		x			x	x		x				x	x	x		x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Tenafly Borough	Borough	0261	2,916	4.6	14,488	13,806	13,326	13,552	3,184	3,030	2,925	2,975	x	x		x			x	x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Teterboro Borough	Borough	0262	715	1.1	67	18	22	19	60	16	20	17	x	x						NA		x				x		x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Upper Saddle River Borough	Borough	0263	3,374	5.3	8,208	7,741	7,198	7,958	1,557	1,468	1,365	1,510	x	x						x		x				x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Waldwick Borough	Borough	0264	1,324	2.1	9,625	9,622	9,757	10,802	4,672	4,652	4,717	5,222	x	x					x	x		x				x	x	x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Wallington Borough	Borough	0265	670	1.0	11,335	11,583	10,828	10,741	10,899	11,057	10,336	10,253	x	x		x			x	x		x					x	x		x			x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Washington Township	Township	0266	1,921	3.0	9,102	8,938	9,245	9,550	3,034	2,978	3,080	3,182	x	x		x				x		x				x	x	x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Westwood Borough	Borough	0267	1,473	2.3	10,908	10,999	10,446	10,714	4,743	4,779	4,539	4,655	x	x		x			x	x		x				x	x	x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Woodcliff Lake Borough	Borough	0268	2,270	3.5	5,730	5,745	5,303	5,644	1,619	1,620	1,495	1,591	x	x						x		x				x	x	x	x				x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Wood-Ridge Borough	Borough	0269	709	1.1	7,626	7,644	7,506	7,929	6,933	6,901	6,776	7,158	x	x		x			x	x		x						x					x	x	x	x	x	x	x	x	x	x	x											
BERGEN	Wyckoff Township	Township	0270	4,255	6.6	16,696	16,508	15,372	15,500	2,514	2,483	2,312	2,331	x	x		x				x		x					x	x	x				x	x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Bass River Township	Township	0301	50,141	78.3	1,443	1,510	1,580	1,344	18	19	20	17	x	x	x	x	x	x	x	x	x	x	x		x		x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Beverly City	City	0302	486	0.8	2,577	2,661	2,973	2,919	3,391	3,501	3,912	3,840	x	x	x																			x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Bordentown City	City	0303	618	1.0	3,924	3,969	4,341	4,441	4,088	4,113	4,499	4,603	x	x	x	x	x	x	x		x	x	x		x		x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Bordentown Township	Township	0304	5,926	9.3	11,367	8,380	7,683	7,170	1,228	905	830	774	x	x	x	x	x	x	x		x	x	x		x		x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Burlington City	City	0305	2,419	3.8	9,920	9,736	9,835	10,246	2,631	2,576	2,602	2,711	x	x	x		x	x	x	x	x	x	x			x	x					x		x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Burlington Township	Township	0306	9,009	14.1	22,594	20,294	12,454	11,527	1,606	1,442	885	819	x	x	x	x	x	x	x	x	x	x	und				x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Chesterfield Township	Township	0307	13,736	21.5	7,699	5,955	5,152	3,867	359	277	240	180	x	x	x	x	x	x	x	x		x					x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Cinnaminson Township	Township	0308	5,090	8.0	15,569	14,595	14,583	16,072	1,958	1,835	1,833	2,021	x	x	x		x			x		x	x	x			x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Delanco Township	Township	0309	2,190	3.4	4,283	3,237	3,316	3,730	1,252	946	969	1,090	x	x	x		x	x	x	x		x					x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Delran Township	Township	0310	4,643	7.3	16,896	15,536	13,178	14,811	2,330	2,141	1,816	2,042	x	x	x	x	x	x	x	x		x					x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Eastampton Township	Township	0311	3,723	5.8	6,069	6,202	4,962	3,814	1,045	1,066	853	656	x	x	x	x	x	x	x	x	x	x	x					x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Edgewater Township	Township	0312	1,976	3.1	8,881	7,864	8,388	9,273	2,883	2,548	2,717	3,004	x	x	x	x	x	x	x	x														x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Evesham Township	Township	0313	18,931	29.6	45,538	42,275	35,309	21,659	1,539	1,429	1,194	732	x	x	x		x	x			x				x	x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Fieldsboro Borough	Borough	0314	224	0.4	540	522	579	597	1,543	1,491	1,654	1,705	x	x	x		x	x																x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Florence Township	Township	0315	6,548	10.2	12,109	10,746	10,266	9,084	1,184	1,050	1,003	888	x	x	x	x	x	x	x	x	x	x				x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Hainesport Township	Township	0316	4,343	6.8	6,110	4,126	3,249	3,236	901	608	479	477	x	x	x	x	x	x	x	x	x	x	x					x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Lumberton Township	Township	0317	8,327	13.0	12,559	10,461	6,705	5,236	965	804	515	402	x	x	x	x	x	x	x	x	x	x					x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Mansfield Township	Township	0318	14,022	21.9	8,544	5,090	3,874	2,523	390	232	177	115	x	x	x		x	x				x					x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Maple Shade Township	Township	0319	2,451	3.8	19,131	19,079	19,211	20,525	5,008	4,982	5,016	5,360	x	x	x		x	x	x	x							x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Medford Lakes Borough	Borough	0321	812	1.3	4,146	4,173	4,462	4,958	3,290	3,291	3,519	3,910	x	x	x	x	x	x				x					x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Medford Township	Township	0320	25,473	39.8	23,033	22,253	20,526	17,471	579	559	516	439	x	x	x	x	x	x		x	x	x	x		x	x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Moorestown Township	Township	0322	9,579	15.0	20,726	19,017	16,116	15,596	1,385	1,271	1,077	1,042	x	x	x		x	x	x	x	x	x	x				x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Mount Holly Township	Township	0323	1,837	2.9	9,536	10,728	10,639	10,818	3,323	3,737	3,706	3,768	x	x	x	x	x	x			x	x					x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Mount Laurel Township	Township	0324	14,073	22.0	41,864	40,221	30,270	17,614	1,905	1,829	1,377	801	x	x	x	x	x	x	x		x	x			x	x	x	x						x	x	x	x	x	x	x	x	x	x											
BURLINGTON	New Hanover Township	Township	0325	14,448	22.6	7,385	9,744	9,546	14,258	326	431	422	630	x	x	x	x	x	x	x		x	x			x									x	x	x	x	x	x	x	x	x	x											
BURLINGTON	North Hanover Township	Township	0326	11,203	17.5	7,678	7,347	9,994	9,050	439	420	571	517	x	x	x	x	x	x	x	x	x				x	x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Palmyra Borough	Borough	0327	1,673	2.6	7,398	7,091	7,056	7,085	2,834	2,712	2,699	2,710	x	x	x		x	x	x	x							x	x					x	x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Pemberton Borough	Borough	0328	403	0.6	1,409	1,210	1,367	1,198	2,273	1,922	2,171	1,903	x	x	x	x	x	x	x	x							x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Pemberton Township	Township	0329	40,165	62.8	27,912	28,691	31,342	29,720	445	457	499	474	x	x	x		x	x	x	x	x	x					x	x						x	x	x	x	x	x	x	x	x	x											

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																				Hazard Identification: Nature-based										Hazard Identification: Human-based										
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
BURLINGTON	Riverside Township	Township	0330	1,047	1.6	8,079	7,911	7,974	7,941	4,956	4,835	4,873	4,853	x	x	x			x	x															x	x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Riverton Borough	Borough	0331	614	1.0	2,779	2,759	2,775	3,068	2,895	2,874	2,890	3,196	x	x	x			x	x	x	x					x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Shamong Township	Township	0332	28,824	45.0	6,490	6,462	5,765	4,537	144	143	128	101	x	x	x		x		x	x														x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Southampton Township	Township	0333	28,422	44.4	10,464	10,388	10,202	8,808	236	234	230	198	x	x	x		x	x	x	x	x	x	x		x	x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Springfield Township	Township	0334	18,920	29.6	3,414	3,227	3,028	2,691	115	109	102	91	x	x	x		x	x	x	x		x	x											x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Tabernacle Township	Township	0335	31,725	49.6	6,949	7,170	7,360	6,236	140	145	148	126	x	x	x			x	x	x		x												x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Washington Township	Township	0336	67,067	104.8	687	621	805	808	7	6	8	8	x	x	x		x	x	x	x		x	x	x	x	x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Westampton Township	Township	0337	7,101	11.1	8,813	7,217	6,004	3,383	795	650	541	305	x	x	x			x	x	x	x	x			x		x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Willingboro Township	Township	0338	5,194	8.1	31,629	33,008	36,291	39,912	3,900	4,067	4,472	4,918	x	x	x			x	x	x	x				x	x	x							x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Woodland Township	Township	0339	60,439	94.4	1,788	1,170	2,063	2,285	19	12	22	24	x	x	x			x	x	x														x	x	x	x	x	x	x	x	x	x											
BURLINGTON	Wrightstown Borough	Borough	0340	1,181	1.8	802	748	3,843	3,031	451	418	2,147	1,693	x	x	x			x	x		x					x								x	x	x	x	x	x	x	x	x	x											
CAMDEN	Audubon Borough	Borough	0401	955	1.5	8,819	9,182	9,205	9,533	5,919	6,151	6,166	6,386																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Audubon Park Borough	Borough	0402	105	0.2	1,023	1,102	1,150	1,274	6,394	6,701	6,993	7,747																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Barrington Borough	Borough	0403	1,012	1.6	6,983	7,084	6,774	7,418	4,448	4,485	4,289	4,696																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Bellmawr Borough	Borough	0404	1,983	3.1	11,583	11,262	12,603	13,721	3,749	3,635	4,067	4,428																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Berlin Borough	Borough	0405	2,314	3.6	7,588	6,149	5,672	5,786	2,102	1,701	1,569	1,600																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Berlin Township	Township	0406	2,137	3.3	5,357	5,290	5,466	5,348	1,609	1,586	1,639	1,604																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Brooklawn Borough	Borough	0407	340	0.5	1,955	2,354	1,805	2,133	3,689	4,434	3,400	4,018																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Camden City	City	0408	6,698	10.5	77,344	79,904	87,492	84,910	7,394	7,635	8,360	8,113																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Cherry Hill Township	Township	0409	15,474	24.2	71,045	69,965	69,348	68,785	2,939	2,894	2,868	2,845																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Chesilhurst Borough	Borough	0410	1,104	1.7	1,634	1,520	1,526	1,590	950	881	884	921																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Clementon Borough	Borough	0411	1,249	2.0	5,000	4,986	5,601	5,764	2,564	2,556	2,871	2,954																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Collingswood Borough	Borough	0412	1,239	1.9	13,926	14,326	15,289	15,838	7,216	7,402	7,900	8,183																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Gibbsboro Borough	Borough	0413	1,407	2.2	2,274	2,435	2,383	2,510	1,038	1,107	1,084	1,141																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Gloucester City	City	0414	1,786	2.8	11,456	11,484	12,649	13,121	4,106	4,115	4,532	4,701																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Gloucester Township	Township	0415	14,905	23.3	64,634	64,350	53,797	45,156	2,776	2,763	2,310	1,939																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Haddon Heights Borough	Borough	0418	1,006	1.6	7,473	7,547	7,860	8,361	4,760	4,802	5,001	5,319																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Haddon Township	Township	0416	1,809	2.8	14,707	14,651	14,837	15,875	5,215	5,184	5,250	5,617																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Haddonfield Borough	Borough	0417	1,819	2.8	11,593	11,659	11,628	12,337	4,082	4,102	4,091	4,341																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Hi-Nella Borough	Borough	0419	145	0.2	870	1,029	1,045	1,250	3,955	4,555	4,626	5,534																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Laurel Springs Borough	Borough	0420	295	0.5	1,908	1,970	2,341	2,249	4,148	4,271	5,076	4,876																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Lawnside Borough	Borough	0421	915	1.4	2,945	2,692	2,841	3,042	2,074	1,883	1,987	2,128																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Lindenwold Borough	Borough	0422	2,524	3.9	17,613	17,414	18,734	18,196	4,470	4,415	4,750	4,614																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Magnolia Borough	Borough	0423	626	1.0	4,341	4,409	4,861	4,881	4,475	4,506	4,968	4,988																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Merchantville Borough	Borough	0424	382	0.6	3,821	3,801	4,095	3,972	6,476	6,364	6,857	6,651																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Mount Ephraim Borough	Borough	0425	582	0.9	4,676	4,495	4,517	4,863	5,196	4,942	4,966	5,346																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Oaklyn Borough	Borough	0426	449	0.7	4,038	4,188	4,430	4,223	5,769	5,969	6,314	6,019																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Pennsauken Township	Township	0427	7,791	12.2	35,885	35,737	34,738	33,775	2,949	2,936	2,854	2,774																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Pine Hill Borough	Borough	0428	2,528	4.0	10,233	10,880	9,854	8,684	2,591	2,754	2,495	2,198																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Pine Valley Borough	Borough	0429	624	1.0	12	20	19	23	12	21	20	24																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Runnemede Borough	Borough	0430	1,347	2.1	8,468	8,533	9,042	9,461	4,032	4,050	4,291	4,490																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Somerdale Borough	Borough	0431	889	1.4	5,151	5,192	5,440	5,900	3,733	3,736	3,914	4,245																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Stratford Borough	Borough	0432	1,007	1.6	7,040	7,271	7,614	8,005	4,484	4,620	4,838	5,086																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Tavistock Borough	Borough	0433	176	0.3	5	24	35	9	19	87	127	33																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Voorhees Township	Township	0434	7,441	11.6	29,131	28,126	24,559	12,919	2,507	2,419	2,112	1,111																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Waterford Township	Township	0435	23,173	36.2	10,649	10,494	10,940	8,126	294	290	302	224																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Winslow Township	Township	0436	37,270	58.2	39,499	34,611	30,087	20,034	678	594	517	344																						x	x	x	x	x	x	x	x	x	x											
CAMDEN	Woodlynne Borough	Borough	0437	142	0.2	2,978	2,796	2,547	2,578	13,536	12,626	11,502	11,642																						x	x	x	x	x	x	x	x	x	x											
CAPE MAY	Avalon Borough	Borough	0501	3,179	5.0	1,334	2,143	1,809	2,162	269	431	364	435	x	x	x	x	x	x	x	x		x	x	x		x	x					x	x	x			x		x	x	x	x	x											
CAPE MAY	Cape May City	City	0502	1,845	2.9	3,607	4,034	4,668	4,853	1,252	1,399	1,619	1,684	x	x	x		x	x	x	x		x	x			x	x						x	x			x		x	x	x	x	x											
CAPE MAY	Cape May Point Borough	Borough	0503	192	0.3	291	241	248	255	970	803	826	850	x	x	x	x	x		x			x				x	x						x	x			x		x	x	x	x	x											
CAPE MAY	Dennis Township	Township	0504	40,820	63.8	6,467	6,492	5,574	3,989	101	102	87	63	x	x	x		x	x				x	x		x	x	x							x			x		x	x	x	x	x											
CAPE MAY	Lower Township	Township	0505	19,852	31.0	22,866	22,945	20,820	17,105	737	740	671	551	x	x	x		x	x	x	x	x	x	x		x	x	x							x			x		x	x	x	x	x											
CAPE MAY	Middle Township	Township	0506	52,935	82.7	18,911	16,405	14,771	11,373	229	198	179	138	x	x	x		x		x	x							x							x			x		x	x	x	x	x											
CAPE MAY	North Wildwood City	City	0507	1,594	2.5	4,041	4,935	5,017	4,714	1,629	1,983	2,016	1,894	x	x	x			x				x					x	x					x	x			x		x	x	x	x	x											
CAPE MAY	Ocean City	City	0508	7,553	11.8	11,701	15,378	15,512	13,949	992	1,303	1,314	1,182	x	x	x	x	x	x	x	x		x			x	x	x						x	x			x		x	x	x	x	x											
CAPE MAY	Sea Isle City	City	0509	1,765	2.8	2,114	2,835	2,692	2,644	769	1,028	976	959	x	x	x	x	x	x	x	x		x				x	x						x	x			x		x	x	x	x	x											
CAPE MAY	Stone Harbor Borough	Borough	0510	1,480	2.3	866	1,128	1,025	1,187	375	488	443	513	x	x	x		x	x	x			x				x	x						x	x			x		x	x	x	x	x											
CAPE MAY	Upper Township	Township	0511	43,785	68.4	12,373	12,115	10,681	6,713	181	177	156	98	x	x	x		x	x	x			x				x							x	x			x		x	x	x	x	x											
CAPE MAY	West Cape May Borough	Borough	0512	757	1.2	1,024	1,095	1,026	1,091	868	926	868	923	x	x	x			x	x							x							x	x			x		x	x	x	x	x											
CAPE MAY	West Wildwood Borough	Borough	0513	233	0.4	603	448	453	360	1,675	1,231	1,245	990	x	x	x	x	x	x	x	x	x	x				x	x						x	x			x		x	x	x	x	x											

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																				Hazard Identification: Nature-based										Hazard Identification: Human-based										
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
CAPE MAY	Wildwood City	City	0514	1,058	1.7	5,325	5,436	4,484	4,913	3,227	3,286	2,711	2,970	x	x	x	x	x	x	x		x	x				x	x						x	x				x		x	x	x	x	x												
CAPE MAY	Wildwood Crest Borough	Borough	0515	948	1.5	3,270	3,980	3,631	4,149	2,209	2,688	2,452	2,802	x	x	x		x	x	x	x	x	x	x	x	x	x	x				x	x					x		x	x	x	x	x												
CAPE MAY	Woodbine Borough	Borough	0516	5,132	8.0	2,472	2,716	2,678	2,809	309	339	334	350	x	x	x		x																		x				x		x	x	x	x	x												
CUMBERLAND	Bridgeton City	City	0601	4,157	6.5	25,349	22,771	18,942	18,795	3,906	3,506	2,916	2,894																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Commercial Township	Township	0602	21,688	33.9	5,178	5,259	5,026	4,674	152	154	147	137																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Deerfield Township	Township	0603	10,802	16.9	3,119	2,927	2,933	2,523	185	173	174	149																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Downe Township	Township	0604	34,051	53.2	1,585	1,631	1,702	1,803	30	31	32	34																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Fairfield Township	Township	0605	27,812	43.5	6,295	6,283	5,699	5,693	145	144	131	131																					x	x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Greenwich Township	Township	0606	11,862	18.5	804	847	911	973	44	46	49	52																					x	x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Hopewell Township	Township	0607	19,772	30.9	4,571	4,434	4,215	4,365	148	144	136	141																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Lawrence Township	Township	0608	24,529	38.3	3,290	2,721	2,433	2,116	86	71	64	55																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Maurice River Township	Township	0609	60,911	95.2	7,976	6,928	6,648	4,577	84	73	70	48																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Millville City	City	0610	28,483	44.5	28,400	26,847	25,992	24,815	638	603	584	558																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Shiloh Borough	Borough	0611	770	1.2	516	534	408	604	430	444	339	502																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Stow Creek Township	Township	0612	12,073	18.9	1,431	1,429	1,437	1,365	76	76	76	73																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Upper Deerfield Township	Township	0613	20,089	31.4	7,660	7,556	6,927	6,810	244	241	221	217																						x	x	x	x	x	x	x	x	x	x											
CUMBERLAND	Vineland City	City	0614	44,150	69.0	60,724	56,271	54,780	53,753	880	816	794	779																						x	x	x	x	x	x	x	x	x	x											
ESSEX	Belleville Township	Township	0701	2,156	3.4	35,926	35,928	34,213	35,367	10,692	10,667	10,157	10,500	x	x	x		x	x	x		x				x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Bloomfield Township	Township	0702	3,433	5.4	47,315	47,683	45,061	47,792	8,827	8,888	8,399	8,908	x	x	x		x	x	x		x	x			x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Caldwell Borough	Borough	0703	758	1.2	7,822	7,584	7,549	7,624	6,629	6,399	6,370	6,433	x	x	x		x		x		x													x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Cedar Grove Township	Township	0704	2,790	4.4	12,411	12,300	12,053	12,600	2,847	2,820	2,764	2,889	x	x	x		x		x							x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	City of Orange Township	City	0717	1,418	2.2	30,134	32,868	29,925	31,136	13,635	14,838	13,510	14,056	x	x	x		x	x	x	x														x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	East Orange City	City	0705	2,514	3.9	64,270	69,824	73,552	77,025	16,395	17,775	18,724	19,608	x	x	x		x	x																x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Essex Fells Borough	Borough	0706	905	1.4	2,113	2,152	2,139	2,363	1,499	1,520	1,511	1,669	x	x	x		x		x		x					x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Fairfield Township	Township	0707	6,617	10.3	7,466	7,063	7,615	7,987	722	683	736	772	x	x	x		x	x			x			x	x	x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Glen Ridge Borough	Borough	0708	816	1.3	7,527	7,271	7,076	7,855	5,927	5,690	5,537	6,147	x	x	x		x	x	x		x	x				x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Irvington Township	Township	0709	1,865	2.9	53,926	60,695	61,018	61,493	18,531	20,821	20,932	21,095	x	x	x		x	x	x	x	x					x	x								x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Livingston Township	Township	0710	9,038	14.1	29,366	27,391	26,609	28,040	2,080	1,939	1,884	1,985	x	x	x		x	x	x							x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Maplewood Township	Township	0711	2,475	3.9	23,867	23,868	21,652	22,950	6,167	6,159	5,587	5,922	x	x	x		x	x	x	x	x					x	x								x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Millburn Township	Township	0712	6,340	9.9	20,149	19,765	18,630	19,543	2,039	2,000	1,885	1,978	x	x	x	x	x	x	x		x	x				x	x							x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Montclair Township	Township	0713	3,996	6.2	37,669	38,977	37,729	38,321	6,037	6,244	6,044	6,139	x	x	x	x		x	x							x						x		x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Newark City	City	0714	16,778	26.2	277,140	273,546	275,221	329,248	10,574	10,435	10,498	12,559	x	x	x		x	x	x	x	x					x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	North Caldwell Borough	Borough	0715	1,965	3.1	6,183	7,375	6,706	5,832	2,014	2,399	2,181	1,897	x	x	x		x	x	x							x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Nutley Township	Township	0716	2,189	3.4	28,370	27,362	27,099	28,998	8,320	8,012	7,935	8,492	x	x	x		x	x	x		x	x	x		x	x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Roseland Borough	Borough	0718	2,332	3.6	5,819	5,298	4,847	5,330	1,581	1,436	1,314	1,445	x	x	x		x	x	x		x					x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	South Orange Village Township	Township	0719	1,820	2.8	16,198	16,964	16,390	15,864	5,704	5,959	5,757	5,572	x	x	x		x	x		x						x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	Verona Township	Township	0720	1,803	2.8	13,332	13,533	13,597	14,166	4,761	4,822	4,845	5,048	x	x	x		x	x	x	x	x	x	x		x	x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	West Caldwell Township	Township	0721	3,269	5.1	10,759	11,233	10,422	11,407	2,126	2,219	2,059	2,254	x	x	x			x	x		x	x				x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
ESSEX	West Orange Township	Township	0722	7,759	12.1	46,207	44,943	39,103	39,510	3,816	3,709	3,227	3,260	x	x	x			x	x		x					x								x	x	x	x	x	x	x	x	x	x	x	x		x		x		x	x	x
GLOUCESTER	Clayton Borough	Borough	0801	4,646	7.3	8,179	7,139	6,155	6,013	1,128	983	848	828																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Deptford Township	Township	0802	11,246	17.6	30,561	26,763	24,137	23,473	1,739	1,523	1,374	1,336																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	East Greenwich Township	Township	0803	9,550	14.9	9,555	5,430	5,258	4,144	640	364	352	278																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Elk Township	Township	0804	12,366	19.3	4,216	3,514	3,806	3,187	218	182	197	165																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Franklin Township	Township	0805	36,082	56.4	16,820	15,466	14,482	12,396	298	274	257	220																					x	x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Glassboro Borough	Borough	0806	5,994	9.4	18,579	19,068	15,614	14,574	1,985	2,036	1,667	1,556																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Greenwich Township	Township	0807	7,485	11.7	4,899	4,879	5,102	5,404	419	417	436	462																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Harrison Township	Township	0808	12,171	19.0	12,417	8,788	4,715	3,585	653	462	248	189																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Logan Township	Township	0809	16,840	26.3	6,042	6,032	5,147	3,078	230	229	196	117																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Mantua Township	Township	0810	10,296	16.1	15,217	14,217	10,074	9,193	946	884	626	571																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Monroe Township	Township	0811	30,029	46.9	36,129	28,967	26,703	21,639	770	617	569	461																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	National Park Borough	Borough	0812	928	1.5	3,036	3,205	3,413	3,552	2,094	2,210	2,353	2,449																					x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Newfield Borough	Borough	0813	1,115	1.7	1,553	1,616	1,592	1,563	893	928	914	897																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Paulsboro Borough	Borough	0814	1,703	2.7	6,097	6,160	6,577	6,944	2,292	2,314	2,471	2,609																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Pitman Borough	Borough	0815	1,444	2.3	9,011	9,331	9,365	9,744	4,005	4,137	4,152	4,320																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	South Harrison Township	Township	0816	10,210	16.0	3,162	2,417	1,919	1,486	198	152	120	93																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Swedesboro Borough	Borough	0817	495	0.8	2,584	2,055	2,024	2,031	3,356	2,657	2,617	2,626																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Washington Township	Township	0818	13,789	21.5	48,559	47,114	41,960	27,878	2,254	2,187	1,948	1,294																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Wenonah Borough	Borough	0819	646	1.0	2,278	2,317	2,331	2,303	2,278	2,294	2,308	2,280																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	West Deptford Township	Township	0820	11,421	17.8	21,677	19,368	19,380	18,002	1,215	1,085	1,086	1,009																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Westville Borough	Borough	0821	871	1.4	4,288	4,500	4,573	4,786	3,153	3,305	3,358	3,515																						x	x	x	x	x	x	x	x	x	x											
GLOUCESTER	Woodbury City	City	0822	1,346	2.1	10,174	10,307	10,904	10,353	4,845	4,899	5,183	4,921																						x	x	x	x	x	x	x	x	x	x											

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																					Hazard Identification																
																																			Nature-based											Human-based								
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
GLOUCESTER	Woodbury Heights Borough	Borough	0823	804	1.3	3,055	2,988	3,392	3,460	2,444	2,379	2,701	2,755																						x	x	x	x	x	x	x	x	x	x	x								x		x		
GLOUCESTER	Woolwich Township	Township	0824	13,689	21.4	10,200	3,032	1,459	1,129	477	142	68	53																						x	x	x	x	x	x	x	x	x	x	x								x				
HUNTERDON	Alexandria Township	Township	1001	17,760	27.7	4,938	4,698	3,594	2,798	178	169	130	101																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Bethlehem Township	Township	1002	13,287	20.8	3,979	3,820	3,104	3,045	192	184	150	147																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Bloomsbury Borough	Borough	1003	632	1.0	870	886	890	864	888	897	901	874																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Califon Borough	Borough	1004	627	1.0	1,076	1,055	1,073	1,023	1,098	1,074	1,092	1,041																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Clinton Town	Town	1005	918	1.4	2,719	2,632	2,054	1,910	1,901	1,835	1,432	1,332																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Clinton Township	Township	1006	21,706	33.9	13,478	12,957	10,816	7,345	397	382	319	217																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Delaware Township	Township	1007	23,703	37.0	4,563	4,478	4,512	3,816	123	121	122	103																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	East Amwell Township	Township	1008	18,272	28.6	4,013	4,455	4,332	3,468	141	156	152	121																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Flemington Borough	Borough	1009	690	1.1	4,581	4,200	4,047	4,132	4,281	3,894	3,752	3,831																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Franklin Township	Township	1010	14,831	23.2	3,195	2,990	2,851	2,294	138	129	123	99																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Frenchtown Borough	Borough	1011	786	1.2	1,373	1,488	1,528	1,573	1,125	1,211	1,243	1,280																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Glen Gardner Borough	Borough	1012	991	1.5	1,704	1,902	1,665	834	1,106	1,229	1,076	539																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Hampton Borough	Borough	1013	971	1.5	1,401	1,546	1,515	1,614	928	1,018	998	1,063																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	High Bridge Borough	Borough	1014	1,555	2.4	3,648	3,776	3,886	3,435	1,501	1,554	1,599	1,413																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Holland Township	Township	1015	15,325	23.9	5,291	5,124	4,892	4,593	221	214	204	192																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Kingwood Township	Township	1016	22,804	35.6	3,845	3,782	3,325	2,772	108	106	93	78																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Lambertville City	City	1017	783	1.2	3,906	3,868	3,927	4,044	3,202	3,162	3,211	3,306																					x		x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Lebanon Borough	Borough	1018	577	0.9	1,358	1,065	1,036	820	1,509	1,182	1,149	910																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Lebanon Township	Township	1019	20,272	31.7	6,588	5,816	5,679	5,459	208	184	179	172																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Milford Borough	Borough	1020	818	1.3	1,233	1,195	1,273	1,368	971	935	996	1,070																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Raritan Township	Township	1021	24,094	37.6	22,185	19,809	15,616	8,292	589	526	415	220																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Readington Township	Township	1022	30,605	47.8	16,126	15,803	13,400	10,855	337	330	280	227																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Stockton Borough	Borough	1023	393	0.6	538	560	629	643	882	912	1,024	1,047																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Tewksbury Township	Township	1024	20,334	31.8	5,993	5,541	4,803	4,094	189	174	151	129																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	Union Township	Township	1025	13,169	20.6	5,908	6,160	5,078	3,971	287	299	247	193																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUNTERDON	West Amwell Township	Township	1026	13,982	21.8	3,840	2,383	2,251	2,299	176	109	103	105																							x	x	x	x	x	x	x	x	x	x	x							x		x		
HUDSON	Bayonne City	City	0901	4,919	7.7	63,024	61,842	61,444	65,047	8,206	8,047	7,995	8,464	x	x	x	x	x	x	x	x	x	x	x		x	x	x				x			x		x	x	x	x	x	x	x	x											
HUDSON	East Newark Borough	Borough	0902	73	0.1	2,406	2,377	2,157	1,923	21,873	20,978	19,036	16,971	x	x				x								x								x	x		x	x	x	x	x	x	x	x											
HUDSON	Guttenberg Town	Town	0903	124	0.2	11,176	10,807	8,268	7,340	58,821	55,886	42,756	37,957	x																					x	x		x	x	x	x	x	x	x	x											
HUDSON	Harrison Town	Town	0904	848	1.3	13,620	14,424	13,425	12,242	10,318	10,882	10,128	9,236	x						x															x	x		x	x	x	x	x	x	x	x											
HUDSON	Hoboken City	City	0905	794	1.2	50,005	38,577	33,397	42,460	40,654	31,117	26,939	34,249	x	x	x	x		x	x		x	x	x			x								x		x	x	x	x	x	x	x	x											
HUDSON	Jersey City	City	0906	10,153	15.9	247,597	240,055	228,537	223,532	15,611	15,132	14,406	14,090	x	x	x	x		x	x							x								x	x		x	x	x	x	x	x	x	x											
HUDSON	Kearny Town	Town	0907	6,520	10.2	40,684	40,513	34,874	35,735	3,996	3,977	3,423	3,508	x	x	x	x	x	x	x							x								x	x		x	x	x	x	x	x	x	x											
HUDSON	North Bergen Township	Township	0908	3,384	5.3	60,773	58,092	48,414	47,019	11,510	10,988	9,157	8,894	x	x	x	x	x	x	x	x		x	x		x	x								x	x		x	x	x	x	x	x	x	x											
HUDSON	Secaucus Town	Town	0909	4,197	6.6	16,264	15,931	14,061	13,719	2,483	2,430	2,144	2,092	x	x	x	x		x	x	x		x												x	x		x	x	x	x	x	x	x	x											
HUDSON	Union City	City	0910	825	1.3	66,455	67,088	58,012	55,593	51,918	52,044	45,003	43,127	x						x			x	x											x	x		x	x	x	x	x	x	x	x											
HUDSON	Weehawken Township	Township	0911	511	0.8	12,554	13,501	12,385	13,168	15,891	16,902	15,505	16,485	x	x	x				x							x									x		x	x	x	x	x	x	x	x											
HUDSON	West New York Town	Town	0912	636	1.0	49,708	45,768	38,125	39,194	50,210	46,059	38,367	39,443	x	x	x	x						x	x			x								x	x		x	x	x	x	x	x	x	x											
MERCER	East Windsor Township	Township	1101	10,019	15.7	27,190	24,919	22,353	21,041	1,737	1,592	1,428	1,344																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Ewing Township	Township	1102	9,957	15.6	35,790	35,707	34,185	34,842	2,302	2,295	2,197	2,240																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Hamilton Township	Township	1103	25,754	40.2	88,464	87,109	86,553	82,801	2,199	2,165	2,151	2,058																					x		x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Hightstown Borough	Borough	1104	810	1.3	5,494	5,216	5,126	4,581	4,360	4,123	4,051	3,621																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Hopewell Borough	Borough	1105	464	0.7	1,922	2,035	1,968	2,001	2,669	2,808	2,716	2,762																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Hopewell Township	Township	1106	37,716	58.9	17,304	16,105	11,590	10,893	294	273	197	185																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Lawrence Township	Township	1107	14,063	22.0	33,472	29,159	25,787	19,724	1,524	1,327	1,174	898																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Pennington Borough	Borough	1108	624	1.0	2,585	2,696	2,537	2,109	2,665	2,766	2,603	2,164																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Princeton	Borough	1114	11,784	18.4	28,572	30,230	25,214	25,718	1,552	1,642	1,370	1,397																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Robbinsville Township	Township	1112	13,168	20.6	13,642	10,275	5,815	3,487	663	499	283	169																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	Trenton City	City	1111	5,273	8.2	84,913	85,403	88,675	92,124	10,317	10,366	10,763	11,181																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MERCER	West Windsor Township	Township	1113	16,801	26.3	27,165	21,907	16,021	8,542	1,035	835	610	325																							x	x	x	x	x	x		x	x			x				x	x	x	x	x
MIDDLESEX	Carteret Borough	Borough	1201	2,884	4.5	22,844	20,709	19,025	20,598	5,076	4,596	4,222	4,571																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	Cranbury Township	Township	1202	8,598	13.4	3,857	3,227	2,500	1,927	287	240	186	143																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	Dunellen Borough	Borough	1203	679	1.1	7,227	6,823	6,528	6,593	6,818	6,422	6,144	6,205																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	East Brunswick Township	Township	1204	14,340	22.4	47,512	46,756	43,548	37,711	2,120	2,086	1,943	1,682																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	Edison Township	Township	1205	19,611	30.6	99,967	97,687	88,680	70,193	3,263	3,187	2,894	2,290																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	Helmetta Borough	Borough	1206	561	0.9	2,178	1,825	1,211	955	2,503	2,081	1,381	1,089																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	Highland Park Borough	Borough	1207	1,170	1.8	13,982	13,999	13,279	13,396	7,682	7,657	7,264	7,328																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	Jamesburg Borough	Borough	1208	570	0.9	5,915	6,025	5,294	4,114	6,646	6,761	5,941	4,617																						x	x	x	x	x	x	x	x	x	x									x		x	
MIDDLESEX	Metuchen Borough	Borough	1209	1,817	2.8	13,574	12,840	12,804	13,762	4,796	4,530	4,518	4,856																						x	x	x	x	x	x	x	x	x	x									x		x	

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Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																				Hazard Identification: Nature-based										Hazard Identification: Human-based									
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
MIDDLESEX	Middlesex Borough	Borough	1210	2,246	3.5	13,635	13,717	13,055	13,480	3,885	3,903	3,715	3,836																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Milltown Borough	Borough	1211	1,021	1.6	6,893	7,000	6,968	7,136	4,335	4,387	4,367	4,472																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Monroe Township	Township	1212	26,989	42.2	39,132	27,999	22,255	15,858	928	664	528	376																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	New Brunswick City	City	1213	3,686	5.8	55,181	48,573	41,711	41,442	9,597	8,433	7,242	7,195																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	North Brunswick Township	Township	1214	7,860	12.3	40,742	36,287	31,287	22,220	3,318	2,955	2,548	1,809																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Old Bridge Township	Township	1215	24,755	38.7	65,375	60,456	56,475	51,515	1,690	1,563	1,460	1,332																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Perth Amboy City	City	1216	3,312	5.2	50,814	47,303	41,967	38,951	9,829	9,141	8,110	7,527																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Piscataway Township	Township	1217	12,131	19.0	56,044	50,482	47,089	42,223	2,957	2,663	2,484	2,227																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Plainsboro Township	Township	1218	7,751	12.1	22,999	20,215	14,213	5,605	1,899	1,669	1,174	463																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Sayreville Borough	Borough	1219	11,252	17.6	42,704	40,377	34,986	29,969	2,429	2,297	1,990	1,705																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	South Amboy City	City	1220	1,264	2.0	8,631	7,913	7,863	8,322	4,381	4,007	3,982	4,214																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	South Brunswick Township	Township	1221	26,243	41.0	43,417	37,734	25,792	17,127	1,059	920	629	418																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	South Plainfield Borough	Borough	1222	5,331	8.3	23,385	21,810	20,489	20,521	2,811	2,619	2,460	2,464																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	South River Borough	Borough	1223	1,873	2.9	16,008	15,322	13,692	14,361	5,482	5,236	4,679	4,907																				x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Spotswood Borough	Borough	1224	1,546	2.4	8,257	7,880	7,983	7,840	3,426	3,262	3,304	3,245																					x	x	x	x	x	x	x	x	x	x	x							x			x	
MIDDLESEX	Woodbridge Township	Township	1225	15,368	24.0	99,585	97,203	93,086	90,074	4,148	4,048	3,877	3,751		x	x	x		x	x	x	x	x	x		x		x					x	x	x	x	x	x	x	x	x	x	x							x			x	
MONMOUTH	Aberdeen Township	Township	1301	3,615	5.6	18,210	17,454	17,038	17,235	3,223	3,090	3,016	3,051	x	x	x	x		x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Allenhurst Borough	Borough	1302	167	0.3	496	718	759	912	1,908	2,755	2,913	3,500	x	x	x			x	x	x	x	x			x								x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Allentown Borough	Borough	1303	396	0.6	1,828	1,882	1,828	1,962	2,997	3,041	2,953	3,170	x	x	x	x		x	x	x	x	x											x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Asbury Park City	City	1304	976	1.5	16,116	16,930	16,799	17,015	10,603	11,104	11,019	11,160	x	x	x	x		x	x	x	x	x	x		x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Atlantic Highlands Borough	Borough	1305	791	1.2	4,385	4,705	4,629	4,950	3,565	3,817	3,755	4,016	x	x	x	x	x	x	x	x	x	x											x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Avon-by-the-Sea Borough	Borough	1306	318	0.5	1,901	2,244	2,165	2,337	3,880	4,515	4,356	4,702	x	x	x	x	x	x	x	x		x	x		x							x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Belmar Borough	Borough	1307	951	1.5	5,794	6,045	5,877	6,771	3,915	4,067	3,954	4,556	x	x	x	x		x	x	x	x	x	x	x	x							x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Bradley Beach Borough	Borough	1308	413	0.6	4,298	4,793	4,475	4,772	6,716	7,421	6,929	7,389	x	x	x			x	x	x		x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Brielle Borough	Borough	1309	1,442	2.3	4,774	4,893	4,406	4,068	2,122	2,175	1,958	1,808	x	x	x	x		x	x	x		x			x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Colts Neck Township	Township	1310	20,322	31.8	10,142	12,331	8,559	7,888	319	388	270	248	x	x	x	x		x	x	x	x	x			x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Deal Borough	Borough	1311	771	1.2	750	1,070	1,179	1,952	625	888	979	1,621	x	x	x	x		x	x	x		x	x	x									x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Eatontown Borough	Borough	1312	3,770	5.9	12,709	14,008	13,800	12,703	2,158	2,378	2,342	2,156	x	x	x	x		x	x	x	x	x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Englishtown Borough	Borough	1313	378	0.6	1,847	1,764	1,268	976	3,131	2,984	2,145	1,651	x	x	x	x		x	x	x													x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Fair Haven Borough	Borough	1314	1,336	2.1	6,121	5,937	5,270	5,679	2,943	2,844	2,525	2,721	x	x	x	x		x	x	x		x											x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Farmingdale Borough	Borough	1315	337	0.5	1,329	1,587	1,462	1,348	2,556	3,016	2,778	2,562	x	x	x	x	x	x	x	x		x	x		x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Freehold Borough	Borough	1316	1,236	1.9	12,052	10,976	10,742	10,020	6,245	5,685	5,564	5,190	x	x	x	x		x	x	x		x	x		x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Freehold Township	Township	1317	24,881	38.9	36,184	31,537	24,710	19,202	931	811	636	494	x	x	x	x		x	x	x	x	x		x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Hazlet Township	Township	1318	3,629	5.7	20,334	21,378	21,976	23,013	3,593	3,771	3,876	4,059	x	x	x	x		x	x	x	x	x			x							x	x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Highlands Borough	Borough	1319	548	0.9	5,005	5,097	4,849	5,187	5,888	5,930	5,641	6,034	x	x	x	x		x	x	x	x	x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Holmdel Township	Township	1320	11,561	18.1	16,773	15,781	11,532	8,447	929	874	638	468	x	x	x	x		x	x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Howell Township	Township	1321	39,149	61.2	51,075	48,903	38,987	25,065	835	799	637	410	x	x	x	x	x	x	x	x	x	x	x		x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Interlaken Borough	Borough	1322	255	0.4	820	900	910	1,037	2,103	2,262	2,288	2,607	x	x	x	x	x	x	x	x	x	x	x		x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Keansburg Borough	Borough	1323	776	1.2	10,105	10,732	11,069	10,613	8,351	8,847	9,125	8,749	x	x	x	x	x	x	x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Keyport Borough	Borough	1324	928	1.4	7,240	7,568	7,586	7,413	5,028	5,220	5,233	5,113	x	x	x	x		x	x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Lake Como Borough	Borough	1346	161	0.3	1,759	1,806	1,482	1,566	7,036	7,164	5,879	6,212	x	x	x	x		x	x	x	x	x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Little Silver Borough	Borough	1325	2,036	3.2	5,950	6,170	5,721	5,548	1,871	1,940	1,799	1,744		x	x	x	x	x	x		x	x		x	x							x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Loch Arbour Village	Village	1326	74	0.1	194	280	380	369	1,764	2,423	3,288	3,193	x	x				x	x	x													x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Long Branch City	City	1327	3,505	5.5	30,719	31,340	28,658	29,819	5,616	5,722	5,232	5,444	x	x	x	x		x	x	x	x	x	x		x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Manalapan Township	Township	1328	19,759	30.9	38,872	33,423	26,716	18,914	1,259	1,082	865	613	x	x	x			x	x	x		x												x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Manasquan Borough	Borough	1329	1,003	1.6	5,897	6,310	5,369	5,354	3,756	4,038	3,436	3,427	x	x	x	x		x	x	x		x	x	x	x							x	x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Marlboro Township	Township	1330	19,477	30.4	40,191	36,398	27,974	17,560	1,321	1,196	919	577	x	x	x	x	x	x	x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Matawan Borough	Borough	1331	1,542	2.4	8,810	8,910	9,270	8,837	3,671	3,698	3,847	3,667	x	x	x	x	x	x	x	x	x	x											x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Middletown Township	Township	1332	27,865	43.5	66,522	66,327	68,183	62,574	1,528	1,523	1,566	1,437	x	x	x			x	x	x	x	x	x									x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Millstone Township	Township	1333	23,800	37.2	10,566	8,970	5,069	3,926	284	241	136	106	x	x	x	x		x	x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Monmouth Beach Borough	Borough	1334	1,262	2.0	3,279	3,595	3,303	3,318	1,664	1,823	1,675	1,683	x	x	x	x		x	x	x		x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Neptune City Borough	Borough	1336	574	0.9	4,869	5,218	4,997	5,276	5,471	5,818	5,572	5,883	x	x	x	x		x	x	x		x											x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Neptune Township	Township	1335	1	0.0	27,935	27,690	28,148	28,366	3,174	3,146	3,198	3,223	x	x	x	x	x	x	x	x	x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Ocean Township	Township	1337	7,030	11.0	27,291	26,959	25,058	23,570	2,486	2,454	2,281	2,146	x	x	x	x	x	x	x	x	x	x			x							x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Oceanport Borough	Borough	1338	2,621	4.1	5,832	5,807	6,146	5,888	1,426	1,418	1,501	1,438	x	x	x	x	x	x	x	x	x	x			x							x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Red Bank Borough	Borough	1339	1,383	2.2	12,206	11,844	10,636	12,031	5,651	5,483	4,923	5,569	x	x	x	x	x	x	x	x		x											x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Roosevelt Borough	Borough	1340	1,247	1.9	882	933	884	835	455	479	454	429	x	x	x			x	x			x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Rumson Borough	Borough	1341	4,538	7.1	7,122	7,137	6,701	7,623	1,005	1,007	945	1,075	x	x	x	x		x	x	x													x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Sea Bright Borough	Borough	1342	782	1.2	1,412	1,818	1,693	1,812	1,157	1,489	1,386	1,484	x	x	x	x		x	x	x		x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Sea Girt Borough	Borough	1343	715	1.1	1,828	2,148	2,099	2,650	1,632	1,922	1,878	2,371	x	x	x	x	x	x	x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Shrewsbury Borough	Borough	1344	1,393	2.2	3,809	3,590	3,096	2,962	1,755	1,649	1,422	1,361	x	x	x	x		x	x	x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x											

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																				Hazard Identification																	
																																		Nature-based											Human-based									
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
MONMOUTH	Shrewsbury Township	Township	1345	63	0.1	1,141	1,098	1,098	995	12,678	11,199	11,199	10,148	x	x					x	x														x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Spring Lake Borough	Borough	1347	946	1.5	2,993	3,567	3,499	4,215	2,036	2,414	2,368	2,852	x	x	x	x	x	x	x	x	x	x	x										x		x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Spring Lake Heights Borough	Borough	1348	837	1.3	4,713	5,227	5,341	5,424	3,625	3,996	4,083	4,147	x	x	x	x		x	x	x		x												x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Tinton Falls Borough	Borough	1349	9,989	15.6	17,892	15,053	12,361	7,740	1,147	964	792	496	x	x	x	x	x	x	x	x		x	x	x	x									x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Union Beach Borough	Borough	1350	1,203	1.9	6,245	6,649	6,156	6,354	3,340	3,537	3,275	3,380	x	x	x	x	x	x	x	x		x											x		x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Upper Freehold Township	Township	1351	30,311	47.4	6,902	4,282	3,277	2,750	146	90	69	58	x	x	x	x	x	x	x	x	x	x	x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	Wall Township	Township	1352	20,288	31.7	26,164	25,261	20,244	18,952	825	797	639	598	x	x	x	x	x	x	x	x	x	x	x	x										x	x	x	x	x	x	x	x	x	x	x											
MONMOUTH	West Long Branch Borough	Borough	1353	1,850	2.9	8,097	8,258	7,690	7,380	2,802	2,856	2,660	2,553	x	x	x	x	x	x	x	x		x	x		x									x	x	x	x	x	x	x	x	x	x	x											
MORRIS	Boonton Town	Town	1401	1,590	2.5	8,347	8,496	8,343	8,620	3,366	3,420	3,358	3,470																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Boonton Township	Township	1402	5,437	8.5	4,263	4,287	3,566	3,273	502	505	420	385																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Butler Borough	Borough	1403	1,318	2.1	7,539	7,420	7,392	7,616	3,660	3,602	3,588	3,697																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Chatham Borough	Borough	1404	1,525	2.4	8,962	8,460	8,007	8,537	3,750	3,533	3,344	3,566																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Chatham Township	Township	1405	5,983	9.3	10,452	10,086	9,361	8,883	1,119	1,079	1,001	950																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Chester Borough	Borough	1406	1,020	1.6	1,649	1,635	1,214	1,433	1,037	1,026	762	899																							x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Chester Township	Township	1407	18,695	29.2	7,838	7,282	5,958	5,198	268	249	204	178																							x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Denville Township	Township	1408	8,152	12.7	16,635	15,824	13,812	14,380	1,307	1,242	1,084	1,129																					x	x	x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Dover Town	Town	1409	1,745	2.7	18,157	18,188	15,115	14,681	6,675	6,670	5,543	5,384																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	East Hanover Township	Township	1410	5,183	8.1	11,157	11,393	9,926	9,319	1,379	1,407	1,226	1,151																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Florham Park Borough	Borough	1411	4,780	7.5	11,696	8,857	8,521	9,359	1,547	1,171	1,126	1,237																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Hanover Township	Township	1412	6,878	10.7	13,712	12,898	11,538	11,846	1,277	1,200	1,074	1,102																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Harding Township	Township	1413	13,162	20.6	3,838	3,180	3,640	3,236	187	155	177	157																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Jefferson Township	Township	1414	27,352	42.7	21,314	19,717	17,825	16,413	498	461	417	384																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Kinnelon Borough	Borough	1415	12,310	19.2	10,248	9,365	8,470	7,770	533	487	440	404																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Lincoln Park Borough	Borough	1416	4,427	6.9	10,521	10,930	10,978	8,806	1,523	1,580	1,587	1,273																					x	x	x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Long Hill Township	Township	1430	7,714	12.1	8,702	8,777	7,826	7,275	722	728	649	604																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Madison Borough	Borough	1417	2,768	4.3	15,845	16,530	15,850	15,357	3,755	3,911	3,750	3,633																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Mendham Borough	Borough	1418	3,826	6.0	4,981	5,097	4,890	4,899	834	853	818	819																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Mendham Township	Township	1419	11,527	18.0	5,869	5,400	4,537	4,488	326	300	252	249																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Mine Hill Township	Township	1420	1,918	3.0	3,651	3,679	3,333	3,325	1,221	1,228	1,112	1,110																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Montville Township	Township	1421	12,232	19.1	21,528	20,839	15,600	14,290	1,127	1,090	816	748																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Morris Plains Borough	Borough	1423	1,657	2.6	5,532	5,236	5,219	5,305	2,144	2,023	2,016	2,049																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Morris Township	Township	1422	10,118	15.8	22,306	21,796	19,952	18,486	1,412	1,379	1,262	1,169																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Morristown Town	Town	1424	1,924	3.0	18,411	18,544	16,189	16,614	6,137	6,170	5,386	5,528																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Mount Arlington Borough	Borough	1426	1,795	2.8	5,050	4,663	3,630	4,251	1,804	1,663	1,294	1,516																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Mount Olive Township	Township	1427	19,992	31.2	28,117	24,193	21,282	18,748	900	774	681	600																							x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Mountain Lakes Borough	Borough	1425	1,861	2.9	4,160	4,256	3,847	4,153	1,434	1,464	1,323	1,428																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Netcong Borough	Borough	1428	612	1.0	3,232	2,580	3,311	3,557	3,367	2,704	3,470	3,728																							x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Parsippany-Troy Hills Township	Township	1429	16,223	25.3	53,238	50,649	48,478	49,868	2,101	1,998	1,912	1,967																					x	x	x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Pequannock Township	Township	1431	4,549	7.1	15,540	13,888	12,844	13,776	2,189	1,954	1,807	1,938																					x	x	x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Randolph Township	Township	1432	13,542	21.2	25,734	24,847	19,974	17,828	1,217	1,174	944	843																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Riverdale Borough	Borough	1433	1,323	2.1	3,559	2,498	2,370	2,530	1,728	1,208	1,146	1,223																					x	x	x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Rockaway Borough	Borough	1434	1,357	2.1	6,438	6,473	6,243	6,852	3,037	3,053	2,945	3,232																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Rockaway Township	Township	1435	29,371	45.9	24,156	22,930	19,572	19,850	526	500	426	433																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Roxbury Township	Township	1436	14,040	21.9	23,324	23,883	20,429	18,878	1,063	1,089	931	860																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Victory Gardens Borough	Borough	1437	93	0.1	1,520	1,546	1,314	1,043	10,857	10,654	9,055	7,187																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Washington Township	Township	1438	28,727	44.9	18,533	17,592	15,592	11,402	413	392	347	254																							x	x	x	x	x	x	x	x	x	x	x						x		x		
MORRIS	Wharton Borough	Borough	1439	1,362	2.1	6,522	6,298	5,405	5,485	3,076	2,960	2,541	2,578																					x		x	x	x	x	x	x	x	x	x	x	x						x		x		
OCEAN	Barnegat Light Borough	Borough	1502	813	1.3	574	764	675	619	456	602	532	488	x	x	x		x	x	x		x				x							x		x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Barnegat Township	Township	1501	25,776	40.3	20,936	15,270	12,235	8,702	520	379	304	216	x	x	x		x	x	x	x	x				x							x		x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Bay Head Borough	Borough	1503	477	0.7	968	1,238	1,226	1,340	1,308	1,661	1,645	1,798	x	x	x		x	x	x		x				x							x		x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Beach Haven Borough	Borough	1504	1,492	2.3	1,170	1,278	1,475	1,714	502	548	633	735	x	x	x		x	x	x		x				x							x		x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Beachwood Borough	Borough	1505	1,775	2.8	11,045	10,375	9,324	7,687	3,987	3,741	3,362	2,772	x	x	x		x	x	x		x				x									x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Berkeley Township	Township	1506	34,656	54.2	41,255	39,991	37,319	23,151	762	739	689	428	x	x	x		x	x	x	x	x				x							x		x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Brick Township	Township	1507	20,744	32.4	75,072	76,119	66,473	53,629	2,316	2,349	2,051	1,655	x	x	x		x	x	x		x				x									x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Eagleswood Township	Township	1509	12,124	18.9	1,603	1,441	1,476	1,009	85	76	78	53	x	x	x		x	x			x				x									x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Harvey Cedars Borough	Borough	1510	848	1.3	337	359	362	363	255	271	273	274	x	x	x		x	x			x				x								x	x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Island Heights Borough	Borough	1511	577	0.9	1,673	1,751	1,470	1,575	1,859	1,943	1,631	1,748	x	x	x		x	x			x				x									x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Jackson Township	Township	1512	64,408	100.6	54,856	42,816	33,233	25,644	545	425	330	255	x	x	x		x	x	x	x	x				x									x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Lacey Township	Township	1513	63,788	99.7	27,644	25,346	22,141	14,161	277	255	222	142	x	x	x		x	x	x	x	x				x								x	x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Lakehurst Borough	Borough	1514	632	1.0	2,654	2,522	3,078	2,908	2,708	2,556	3,119	2,947	x	x	x		x	x			x				x									x	x	x	x		x	x	x	x								x	x		x	
OCEAN	Lakewood Township	Township	1515	16,060	25.1	92,843	60,352	45,048	38,464	3,700	2,405	1,795	1,533	x	x	x		x	x	x	x	x				x									x	x	x	x		x	x	x	x								x	x		x	

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																					Hazard Identification																
																																			Nature-based											Human-based								
County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
OCEAN	Lavallette Borough	Borough	1516	670	1.0	1,875	2,665	2,299	2,072	1,820	2,584	2,229	2,009	x	x	x			x	x	x		x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Little Egg Harbor Township	Township	1517	47,343	74.0	20,065	15,945	13,333	8,483	271	216	180	115	x	x	x			x	x	x	x	x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Long Beach Township	Township	1518	15,072	23.5	3,051	3,329	3,408	3,487	130	141	145	148	x	x	x			x	x	x		x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Manchester Township	Township	1519	52,756	82.4	43,070	38,928	35,976	27,987	523	472	436	340	x	x	x			x	x	x		x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Mantoloking Borough	Borough	1520	408	0.6	296	423	334	433	470	664	525	680	x	x	x			x	x	x		x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Ocean Gate Borough	Borough	1522	347	0.5	2,011	2,076	2,078	1,385	3,724	3,826	3,830	2,552	x	x	x			x	x	x		x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Ocean Township	Township	1521	20,242	31.6	8,332	6,450	5,416	3,731	263	203	171	117	x	x	x			x	x	x	x	x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Pine Beach Borough	Borough	1523	416	0.7	2,127	1,950	1,954	1,796	3,272	2,997	3,003	2,760	x	x	x			x	x			x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Plumsted Township	Township	1524	25,286	39.5	8,421	7,275	6,005	4,674	213	184	152	118	x	x	x			x	x		x	x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Point Pleasant Beach Borough	Borough	1526	1,196	1.9	4,665	5,314	5,112	5,415	2,495	2,843	2,735	2,897	x	x	x			x	x	x		x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Point Pleasant Borough	Borough	1525	2,694	4.2	18,392	19,306	18,177	17,747	4,379	4,587	4,319	4,217	x	x	x			x	x	x	x	x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Seaside Heights Borough	Borough	1527	475	0.7	2,887	3,155	2,366	1,802	3,901	4,296	3,222	2,454	x	x	x			x	x	x	x	x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Seaside Park Borough	Borough	1528	694	1.1	1,579	2,263	1,871	1,795	1,462	2,087	1,726	1,656	x	x	x			x	x	x		x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Ship Bottom Borough	Borough	1529	627	1.0	1,156	1,384	1,352	1,427	1,180	1,412	1,379	1,456	x	x	x			x	x	x		x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	South Toms River Borough	Borough	1530	790	1.2	3,684	3,634	3,869	3,954	2,995	2,945	3,136	3,205	x	x	x			x	x	x	x	x				x								x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Stafford Township	Township	1531	34,989	54.7	26,535	22,532	13,325	10,385	485	412	244	190	x	x	x			x	x	x		x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Surf City Borough	Borough	1532	829	1.3	1,205	1,442	1,375	1,571	934	1,113	1,061	1,212	x	x	x			x	x			x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Toms River Township	Township	1508	33,716	52.7	91,239	89,706	76,371	64,455	1,731	1,702	1,449	1,223	x	x	x			x	x	x	x	x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
OCEAN	Tuckerton Borough	Borough	1533	2,358	3.7	3,347	3,517	3,048	2,472	910	955	827	671	x	x	x			x	x	x	x	x				x							x	x	x	x	x	x		x	x	x	x	x								x	x		x	
PASSAIC	Bloomingdale Borough	Borough	1601	5,917	9.2	7,656	7,610	7,530	7,867	829	823	814	851	x	x	x	x		x	x	x	x	x	x			x							x	x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Clifton City	City	1602	7,313	11.4	84,136	78,672	71,742	74,388	7,361	6,886	6,279	6,511	x	x	x	x		x	x	x	x	x			x	x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Haledon Borough	Borough	1603	779	1.2	8,318	8,252	6,951	6,607	6,874	6,784	5,714	5,432	x	x				x	x	x		x				x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Hawthorne Borough	Borough	1604	2,153	3.4	18,791	18,218	17,084	18,200	5,593	5,416	5,079	5,411	x	x				x	x	x		x				x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Little Falls Township	Township	1605	1,841	2.9	14,432	10,855	11,294	11,496	5,029	3,773	3,925	3,995	x	x	x			x	x	x	x	x				x	x						x	x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	North Haledon Borough	Borough	1606	2,257	3.5	8,417	7,920	7,987	8,177	2,391	2,246	2,265	2,319	x	x	x			x	x	x		x			x	x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Passaic City	City	1607	2,073	3.2	69,781	67,861	58,041	52,463	21,604	20,950	17,919	16,197	x	x	x		x	x	x	x		x		x		x	x							x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Paterson City	City	1608	5,563	8.7	146,199	149,222	140,891	137,970	16,824	17,167	16,209	15,872	x	x	x			x	x	x	x	x			x	x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Pompton Lakes Borough	Borough	1609	2,000	3.1	11,097	10,640	10,539	10,660	3,557	3,404	3,372	3,411	x	x	x	x		x	x	x	x	x			x	x	x						x	x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Prospect Park Borough	Borough	1610	301	0.5	5,865	5,779	5,053	5,142	12,750	12,298	10,753	10,942	x	x	x			x	x	x						x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Ringwood Borough	Borough	1611	18,230	28.5	12,228	12,396	12,623	12,625	429	435	443	443	x	x	x		x	x	x	x		x	x			x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Totowa Borough	Borough	1612	2,611	4.1	10,804	9,892	10,177	11,448	2,655	2,425	2,495	2,807	x	x	x	x	x	x	x	x	x	x	x			x	x							x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Wanaque Borough	Borough	1613	5,968	9.3	11,116	10,266	9,711	10,025	1,193	1,101	1,041	1,075	x	x	x			x	x	x	x	x				x	x							x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Wayne Township	Township	1614	16,108	25.2	54,717	54,069	47,025	46,474	2,175	2,148	1,868	1,846	x	x	x	x		x	x	x	x	x	x			x	x						x	x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	West Milford Township	Township	1615	51,848	81.0	25,850	26,410	25,430	22,750	319	326	314	281	x	x	x			x	x	x		x				x								x	x	x	x	x	x	x	x	x	x	x								x		x		
PASSAIC	Woodland Park Borough	Borough	1616	1,965	3.1	11,819	10,987	10,982	11,293	3,850	3,578	3,576	3,677	x	x	x	x		x	x	x		x				x							x	x	x	x	x	x	x	x	x	x	x	x								x		x		
SALEM	Alloway Township	Township	1701	21,703	33.9	3,467	2,774	2,795	2,680	102	82	82	79																						x	x	x	x	x	x	x	x	x	x												
SALEM	Carneys Point Township	Township	1702	11,335	17.7	8,049	7,684	8,443	8,396	454	434	477	474																						x	x	x	x	x	x	x	x	x	x												
SALEM	Elmer Borough	Borough	1703	581	0.9	1,395	1,384	1,571	1,569	1,533	1,515	1,720	1,717																						x	x	x	x	x	x	x	x	x	x												
SALEM	Elsinboro Township	Township	1704	8,417	13.2	1,036	1,092	1,170	1,290	79	83	89	98																						x	x	x	x	x	x	x	x	x	x												
SALEM	Lower Alloways Creek Township	Township	1705	30,680	47.9	1,770	1,851	1,858	1,547	37	39	39	32																						x	x	x	x	x	x	x	x	x	x												
SALEM	Mannington Township	Township	1706	24,226	37.9	1,806	1,559	1,693	1,740	48	41	45	46																						x	x	x	x	x	x	x	x	x	x												
SALEM	Oldmans Township	Township	1707	12,814	20.0	1,773	1,798	1,683	1,847	89	90	84	92																						x	x	x	x	x	x	x	x	x	x												
SALEM	Penns Grove Borough	Borough	1708	571	0.9	5,147	4,886	5,228	5,760	5,783	5,477	5,860	6,457																						x	x	x	x	x	x	x	x	x	x												
SALEM	Pennsville Township	Township	1709	15,900	24.8	13,409	13,194	13,794	13,848	540	531	555	557																					x		x	x	x	x	x	x	x	x	x												
SALEM	Pilesgrove Township	Township	1710	22,490	35.1	4,016	3,923	3,250	2,810	114	112	92	80																						x	x	x	x	x	x	x	x	x	x												
SALEM	Pittsgrove Township	Township	1711	29,275	45.7	9,393	8,893	8,121	6,954	205	194	178	152																						x	x	x	x	x	x	x	x	x	x												
SALEM	Quinton Township	Township	1712	15,524	24.3	2,666	2,786	2,511	2,887	110	115	104	119																						x	x	x	x	x	x	x	x	x	x												
SALEM	Salem City	City	1713	1,761	2.8	5,146	5,857	6,883	6,959	1,871	2,128	2,501	2,529																						x	x	x	x	x	x	x	x	x	x												
SALEM	Upper Pittsgrove Township	Township	1714	25,847	40.4	3,505	3,468	3,140	3,139	87	86	78	78																						x	x	x	x	x	x	x	x	x	x												
SALEM	Woodstown Borough	Borough	1715	1,034	1.6	3,505	3,136	3,154	3,250	2,177	1,940	1,952	2,011																						x	x	x	x	x	x	x	x	x	x												
SOMERSET	Bedminster Township	Township	1801	16,876	26.4	8,165	8,302	7,086	2,469	310	315	269	94	x	x	x	x	x	x	x	x		x	x		x		x					x		x	x	x	x		x	x	x	x	x												
SOMERSET	Bernards Township	Township	1802	15,568	24.3	26,652	24,575	17,199	12,920	1,095	1,010	707	531	x	x	x	x	x	x	x	x		x	x		x	x	x					x	x	x	x	x	x		x	x	x	x	x												
SOMERSET	Bernardsville Borough	Borough	1803	8,265	12.9	7,707	7,345	6,597	6,715	597	569	511	520	x	x	x	x	x	x	x			x			x		x						x	x	x	x	x		x	x	x	x	x												
SOMERSET	Bound Brook Borough	Borough	1804	1,085	1.7	10,402	10,155	9,487	9,710	6,155	5,992	5,598	5,729	x	x	x	x	x	x	x	x		x												x	x	x	x		x	x	x	x	x												
SOMERSET	Branchburg Township	Township	1805	12,970	20.3	14,459	14,566	10,888	7,846	714	719	537	387	x	x	x	x	x	x	x	x		x												x	x	x	x		x	x	x	x	x												
SOMERSET	Bridgewater Township	Township	1806	20,711	32.4	44,464	42,940	32,509	29,175	1,375	1,328	1,005	902	x	x	x	x	x	x	x	x	x	x	x	x		x								x	x	x	x		x	x	x	x	x												
SOMERSET	Far Hills Borough	Borough	1807	3,149	4.9	919	859	657	677	187	175	134	138	x			x						x				x								x	x	x	x		x	x	x	x	x												
SOMERSET	Franklin Township	Township	1808	29,998	46.9	62,300	50,903	42,780	31,358	1,329	1,086	913	669	x			x						x				x								x	x	x	x		x	x	x	x	x												
SOMERSET	Green Brook Township	Township	1809	2,824	4.4	7,203	5,654	4,460	4,640	1,637	1,283	1,012	1,053	x	x	x	x	x	x	x	x	x	x	x			x								x	x	x	x		x	x	x	x	x												
SOMERSET	Hillsborough Township	Township	1810	35,281	55.1	38,303	36,634	28,808	19,061	695	665	523	346	x			x						x												x	x	x	x		x	x	x	x	x												
SOMERSET	Manville Borough	Borough	1811	1,568	2.4	10,344	10,343	10,567	11,278	4,239	4,223	4,314	4,604	x	x	x	x	x	x	x	x		x					x					x		x	x	x	x		x	x	x	x	x												

State of New Jersey All-Hazard Mitigation Plan Update

Local Capabilities and Hazard ID

County and Municipal Attributes														Local Capabilities																				Hazard Identification																	
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County	Municipality	MUN TYPE	MUN CODE	ACRES	SQ MILES	POP2010	POP2000	POP1990	POP1980	POPDEN2010	POPDEN2000	POPDEN1990	POPDEN1980	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan with Hazard Mitigation Component	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post -Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Flood Damage Prevention Ordinance	Floodplain Management Plan	Flood Insurance Studies or Engineering Studies for Streams	Drainage Ordinance	Elevation Certificates	Shoreline Management or Protection Plan	Participate in Community Rating System	RiskMap Flood Risk Products Available	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
SOMERSET	Millstone Borough	Borough	1812	444	0.7	418	410	450	530	606	591	649	764	x			x						x													x	x	x	x		x	x	x	x	x											
SOMERSET	Montgomery Township	Township	1813	20,789	32.5	22,254	17,481	9,612	7,360	685	538	296	227	x	x	x	x	x	x	x	x	x	x			x		x								x	x	x	x		x	x	x	x	x											
SOMERSET	North Plainfield Borough	Borough	1814	1,805	2.8	21,936	21,103	18,820	19,108	7,779	7,482	6,673	6,775	x	x	x	x	x	x	x	x	x	x			x		x					x			x	x	x	x		x	x	x	x	x											
SOMERSET	Peapack-Gladstone Borough	Borough	1815	3,696	5.8	2,582	2,433	2,111	2,038	447	421	366	353	x	x	x	x		x	x	x		x													x	x	x	x		x	x	x	x	x											
SOMERSET	Raritan Borough	Borough	1816	1,298	2.0	6,881	6,338	5,798	6,128	3,406	3,125	2,859	3,022	x	x	x	x	x	x	x	x		x			x		x								x	x	x	x		x	x	x	x	x											
SOMERSET	Rocky Hill Borough	Borough	1817	397	0.6	682	662	693	717	1,100	1,066	1,116	1,155	x	x	x	x		x	x	x		x													x	x	x	x		x	x	x	x	x											
SOMERSET	Somerville Borough	Borough	1818	1,501	2.3	12,098	12,423	11,632	11,973	5,170	5,297	4,960	5,105	x	x	x		x	x	x	x		x			x		x								x	x	x	x		x	x	x	x	x											
SOMERSET	South Bound Brook Borough	Borough	1819	473	0.7	4,563	4,492	4,185	4,331	6,251	6,075	5,659	5,857	x	x	x		x	x	x	x		x			x		x								x	x	x	x		x	x	x	x	x											
SOMERSET	Warren Township	Township	1820	12,564	19.6	15,311	14,259	10,830	9,805	780	726	551	499	x	x	x	x	x	x		x		x	x										x	x	x	x	x	x	x	x	x	x	x											
SOMERSET	Watchung Borough	Borough	1821	3,867	6.0	5,801	5,613	5,110	5,290	960	929	846	875	x	x	x		x	x	x	x		x	x		x										x	x	x	x		x	x	x	x	x											
SUSSEX	Andover Borough	Borough	1901	872	1.4	606	658	700	892	446	483	514	654	x	x	x	x		x	x			x	x			x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Andover Township	Township	1902	13,304	20.8	6,319	6,033	5,438	4,506	305	291	262	217	x	x	x	x	x	x	x	x	x	x				x	x								x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Branchville Borough	Borough	1903	383	0.6	841	845	851	870	1,425	1,422	1,432	1,464	x	x		x		x	x	x		x				x	x								x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Byram Township	Township	1904	14,536	22.7	8,350	8,254	8,048	7,502	368	363	354	330	x	x	x	x	x	x	x	x		x	x			x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Frankford Township	Township	1905	22,585	35.3	5,565	5,420	5,114	4,654	158	154	145	132	x	x	x	x		x	x	x	x	x				x	x								x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Franklin Borough	Borough	1906	2,833	4.4	5,045	5,160	4,977	4,486	1,141	1,166	1,124	1,013	x	x	x			x	x	x	x	x				x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Fredon Township	Township	1907	11,464	17.9	3,437	2,860	2,763	2,281	192	160	154	127	x	x	x	x	x	x	x	x		x				x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Green Township	Township	1908	10,429	16.3	3,601	3,220	2,709	2,450	221	198	166	150	x	x	x	x		x	x			x				x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Hamburg Borough	Borough	1909	747	1.2	3,277	3,105	2,566	1,832	2,825	2,659	2,198	1,569	x	x	x			x	x			x			x	x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Hampton Township	Township	1910	16,305	25.5	5,196	4,943	4,438	3,916	204	194	174	154	x	x	x	x	x	x	x	x		x				x	x								x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Hardyston Township	Township	1911	20,891	32.6	8,213	6,171	5,275	4,553	252	189	162	140	x	x	x		x	x	x	x		x				x	x						x		x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Hopatcong Borough	Borough	1912	7,949	12.4	15,147	15,888	15,586	15,531	1,221	1,279	1,255	1,251	x	x	x	x	x	x	x	x	x	x	x			x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Lafayette Township	Township	1913	11,499	18.0	2,538	2,300	1,902	1,614	141	128	106	90	x	x	x	x		x	x	x	x	x			x	x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Montague Township	Township	1914	29,852	46.6	3,847	3,412	2,832	2,066	82	73	61	44	x	x	x			x	x	x		x				x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Newton Town	Town	1915	2,164	3.4	7,997	8,244	7,521	7,748	2,366	2,438	2,224	2,292	x	x	x	x	x	x	x	x	x	x	x		x	x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Ogdensburg Borough	Borough	1916	1,438	2.2	2,410	2,638	2,722	2,737	1,076	1,174	1,212	1,219	x	x	x			x				x			x	x	x								x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Sandyston Township	Township	1917	26,930	42.1	1,998	1,825	1,732	1,485	47	43	41	35	x	x	x			x	x		x	x				x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Sparta Township	Township	1918	24,828	38.8	19,722	18,080	15,157	13,333	509	466	391	344	x	x	x		x	x	x	x		x				x								x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Stanhope Borough	Borough	1919	1,341	2.1	3,610	3,584	3,393	3,638	1,727	1,710	1,619	1,736	x	x	x	x		x	x			x				x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Stillwater Township	Township	1920	18,076	28.2	4,099	4,267	4,253	3,887	145	151	151	138	x	x	x	x		x	x	x		x	x		x	x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Sussex Borough	Borough	1921	399	0.6	2,130	2,145	2,201	2,418	3,435	3,440	3,530	3,878	x	x	x			x	x	x		x				x									x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Vernon Township	Township	1922	44,769	70.0	23,943	24,686	21,211	16,302	342	353	303	233	x	x	x	x		x	x	x						x	x							x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Walpack Township	Township	1923	15,960	24.9	16	41	67	150	1	2	3	6																							x	x	x	x	x	x	x	x	x	x							x				
SUSSEX	Wantage Township	Township	1924	43,175	67.5	11,358	10,387	9,487	7,268	168	154	141	108	x	x	x		x	x	x	x		x	x			x	x								x	x	x	x	x	x	x	x	x	x							x				
UNION	Berkeley Heights Township	Township	2001	4,004	6.3	13,183	13,407	11,980	12,549	2,109	2,143	1,915	2,006																					x	x	x	x	x	x	x	x	x	x	x								x				
UNION	Clark Township	Township	2002	2,850	4.5	14,756	14,597	14,629	16,699	3,316	3,278	3,285	3,749																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Cranford Township	Township	2003	3,117	4.9	22,625	22,578	22,633	24,573	4,646	4,636	4,647	5,045																					x		x	x	x	x	x	x	x	x	x	x							x				
UNION	Elizabeth City	City	2004	8,904	13.9	124,969	120,568	110,002	106,201	8,984	8,666	7,907	7,634																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Fanwood Borough	Borough	2005	857	1.3	7,318	7,174	7,115	7,767	5,502	5,355	5,311	5,798																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Garwood Borough	Borough	2006	416	0.6	4,226	4,153	4,227	4,752	6,603	6,393	6,507	7,315																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Hillside Township	Township	2007	1,780	2.8	21,404	21,747	21,044	21,440	7,699	7,820	7,567	7,710																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Kenilworth Borough	Borough	2008	1,376	2.2	7,914	7,675	7,574	8,221	3,681	3,569	3,522	3,823																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Linden City	City	2009	7,082	11.1	40,499	39,394	36,701	37,836	3,662	3,560	3,317	3,419																					x		x	x	x	x	x	x	x	x	x	x							x				
UNION	Mountainside Borough	Borough	2010	2,585	4.0	6,685	6,602	6,657	7,118	1,659	1,634	1,648	1,762																							x	x	x	x	x	x	x	x	x	x							x				
UNION	New Providence Borough	Borough	2011	2,374	3.7	12,171	11,907	11,439	12,426	3,289	3,210	3,084	3,350																						x	x	x	x	x	x	x	x	x	x	x							x				
UNION	Plainfield City	City	2012	3,819	6.0	49,808	47,829	46,567	45,555	8,357	8,015	7,804	7,634																					x		x	x	x	x	x	x	x	x	x	x							x				
UNION	Rahway City	City	2013	2,587	4.0	27,346	26,500	25,325	26,723	6,769	6,556	6,266	6,611																					x		x	x	x	x	x	x	x	x	x	x							x				
UNION	Roselle Borough	Borough	2014	1,693	2.6	21,085	21,274	20,314	20,641	7,987	8,043	7,680	7,804																					x		x	x	x	x	x	x	x	x	x	x							x				
UNION	Roselle Park Borough	Borough	2015	784	1.2	13,297	13,281	12,805	13,377	10,899	10,847	10,458	10,925																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Scotch Plains Township	Township	2016	5,796	9.1	23,510	22,732	21,160	20,774	2,598	2,510	2,337	2,294																					x		x	x	x	x	x	x	x	x	x	x							x				
UNION	Springfield Township	Township	2017	3,310	5.2	15,817	14,429	13,420	13,955	3,065	2,792	2,596	2,700																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Summit City	City	2018	3,861	6.0	21,457	21,131	19,757	21,071	3,552	3,496	3,269	3,486																						x	x	x	x	x	x	x	x	x	x	x							x				
UNION	Union Township	Township	2019	5,814	9.1	56,642	54,405	50,024	50,184	6,238	5,991	5,508	5,526																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Westfield Town	Town	2020	4,314	6.7	30,316	29,644	28,870	30,447	4,498	4,397	4,283	4,517																							x	x	x	x	x	x	x	x	x	x							x				
UNION	Winfield Township	Township	2021	115	0.2	1,471	1,514	1,576	1,785	8,653	8,431	8,777	9,940																							x	x	x	x	x	x	x	x	x	x							x				
WARREN	Allamuchy Township	Township	2101	12,973	20.3	4,323	3,877	3,484	2,560	213	191	172	126																							x	x	x	x	x	x	x	x	x	x							x				
WARREN	Alpha Borough	Borough	2102	1,098	1.7	2,369	2,482	2,530	2,644	1,385	1,447	1,475	1,541																							x	x	x	x	x	x	x	x	x	x							x				
WARREN	Belvidere Town	Town	2103	950	1.5	2,681	2,771	2,669	2,475	1,811	1,866	1,797	1,667																							x	x	x	x	x	x	x	x	x	x							x				
WARREN	Blairstown Township	Township	2104	19,693	30.8	5,967	5,747	5,331	4,360	194	187	173	142																							x	x	x	x	x	x	x	x	x	x							x				
WARREN	Franklin Township	Township	2105	15,051	23.5	3,176	2,768	2,404	2,341	135	118	102	100																							x	x	x	x	x	x	x	x	x	x							x				
WARREN	Frelinghuysen Township	Township	2106	15,275	23.9	2,230	2,083	1,779	1,435	93	87	75	60																							x	x	x	x	x	x	x	x	x	x							x				

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WARREN	Greenwich Township	Township	2107	6,780	10.6	5,712	4,365	1,899	1,738	539	412	179	164																							x	x	x	x	x	x	x	x	x							x				
WARREN	Hackettstown Town	Town	2108	2,374	3.7	9,724	10,403	8,120	8,850	2,628	2,804	2,189	2,386																							x	x	x	x	x	x	x	x	x							x				
WARREN	Hardwick Township	Township	2109	24,950	39.0	1,696	1,464	1,255	947	44	38	32	24																							x	x	x	x	x	x	x	x	x							x				
WARREN	Harmony Township	Township	2110	15,416	24.1	2,667	2,729	2,653	2,592	111	113	110	108																							x	x	x	x	x	x	x	x	x							x				
WARREN	Hope Township	Township	2111	11,706	18.3	1,952	1,891	1,719	1,468	107	103	94	80																							x	x	x	x	x	x	x	x	x							x				
WARREN	Independence Township	Township	2112	12,786	20.0	5,662	5,603	3,940	2,829	284	280	197	142																							x	x	x	x	x	x	x	x	x							x				
WARREN	Knowlton Township	Township	2113	16,263	25.4	3,055	2,977	2,543	2,074	120	117	100	82																							x	x	x	x	x	x	x	x	x							x				
WARREN	Liberty Township	Township	2114	7,633	11.9	2,942	2,765	2,493	1,730	247	232	209	145																							x	x	x	x	x	x	x	x	x							x				
WARREN	Lopatcong Township	Township	2115	4,721	7.4	8,014	5,765	5,052	4,998	1,087	782	685	678																							x	x	x	x	x	x	x	x	x							x				
WARREN	Mansfield Township	Township	2116	19,002	29.7	7,725	6,653	7,154	5,780	260	224	241	195																							x	x	x	x	x	x	x	x	x							x				
WARREN	Oxford Township	Township	2117	3,878	6.1	2,514	2,307	1,790	1,659	416	381	295	274																							x	x	x	x	x	x	x	x	x							x				
WARREN	Phillipsburg Town	Town	2119	2,133	3.3	14,950	15,166	15,757	16,647	4,489	4,551	4,728	4,995																							x	x	x	x	x	x	x	x	x							x				
WARREN	Pohatcong Township	Township	2120	8,780	13.7	3,339	3,416	3,591	3,856	244	249	262	281																							x	x	x	x	x	x	x	x	x							x				
WARREN	Washington Borough	Borough	2121	1,259	2.0	6,461	6,712	6,474	6,429	3,296	3,413	3,292	3,269																							x	x	x	x	x	x	x	x	x							x				
WARREN	Washington Township	Township	2122	11,548	18.0	6,651	6,248	5,367	4,243	369	346	297	235																							x	x	x	x	x	x	x	x	x							x				
WARREN	White Township	Township	2123	17,793	27.8	4,882	4,245	3,603	2,748	176	153	130	99																							x	x	x	x	x	x	x	x	x							x				

State of New Jersey All-Hazard Mitigation Plan Update

Local Plan Risk Analysis/Methods

County	Nature-based Hazards										
	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire
ATLANTIC	GIS analysis calculating the proportion of a parcel or census block lying within 200 feet of 'beach' or 'erodible' shoreline types to estimate population at risk and value of improvements at risk. Estimated average annual losses. GIS analysis using SLOSH model for storm surge to estimate exposure. Estimates average annual storm surge losses based on a distribution of NCDC average annual county-wide losses across the municipalities based on each community's proportional contribution to NFIP paid claims.To estimate risk to wave action - calculate the proportion of a parcel or census block lying within VE zones, and applying that same ratio to the census block population and parcel value to estimate population at risk and value of improvements at risk.	GIS analysis - Value of improvements and population at risk was estimated based on the proportion of parcel area within the estimated inundation area from a dam's EAP.	Statistical analysis using frequency and damages of past events, Agriculture Census crop exposure value, and percent of agriculture land per county to determine annual crop loss estimates by jurisdiction and estimated population at risk.	Expected peak ground accelerations (PGA) for various return period earthquakes by jurisdiction and qualitative description of expected damages. Hazus analysis estimated potential losses for 500, 1000, and 2500 year events countywide (pulled from NJ SHMP). Loss by jurisdiction by distributing the total county loss estimate among the municipalities according to their proportion of the total improved property value in the County.	GIS analysis – parcels intersecting with DFIRM flood maps to get improved value of parcels at risk (used percent of parcel in flood zone to pro-rate value). Estimates average annual flood losses based on a distribution of previous average annual countywide losses (NCDC data) and each community's proportional contribution to NFIP paid claims.		Qualitative description of impacts and potential losses.	Qualitative description of impacts and potential losses	Statistical analysis using damages and frequency of historic events, total value of improvements, and geographic areas impacted by hazard. Annualized expected property loss by jurisdiction and estimated population at risk. Qualitative description of impacts and potential losses.	Statistical analysis using damages and frequency of historic events, total value of improvements, and geographic areas impacted by hazard. Annualized expected property loss by jurisdiction and estimated population at risk.	GIS analysis – calculated the proportion of a parcel or census block located within areas of wildfire susceptibility and applying that same ratio to the census block population and parcel value to estimate population at risk and value of improvements at risk by jurisdiction.
BERGEN	Qualitative discussion of municipalities in Preliminary FIRMS V zone.	Qualitative discussion of dam failure in Bergen County.	Qualitative discussion of previous drought events and potential impacts.	PGA for seismic risk. Qualitative discussion of previous events and potential impacts.	Hazus analysis provided by FEMA. GIS analysis - Jurisdictions in 100 year riverine flood zone using 2014 Preliminary FIRMs.	GIS analysis of landslide susceptibility/incidence.	GIS analysis - Jurisdictions in 100 year coastal flood zone using 2014 Preliminary FIRMs. Qualitative discussion, jurisdictions at risk to coastal flooding from hurricanes and nor'easters based on FIRMs. Vulnerable housing from the 2007 New Jersey Hurricane Evacuation Study (HES). Potential tidal flooding from category 1-4 hurricanes using the NWS SLOSH model.	GIS analysis - Jurisdictions in 100 year coastal flood zone using 2014 Preliminary FIRMs. Qualitative discussion, jurisdictions at risk to coastal flooding from hurricanes and nor'easters based on FIRMs.	Qualitative discussion of previous events and potential impacts.	Qualitative discussion of previous events and potential impacts.	GIS analysis using wildfire fuel hazard risk levels.
BURLINGTON	GIS analysis using Coastal Area Facilities Review Act (CAFRA) boundary to determine exposure. Projected sea level rise data from Jacques Cousteau National Estuarine Research Reserve used to project sea level rise through 2050.	Hazus analysis – preliminary DFIRM with the addition of the Advisory Base Flood Elevation V-zone were used to estimate exposure and potential losses. Estimated Burlington County's estimated potential losses at the Census block level using default building inventory.	Qualitative analysis using previous events and impacts.	Hazus analysis - A probabilistic assessment was conducted for the 100-, 500- and 2,500-year MRPs to analyze the earthquake hazard and provide a range of loss estimates for Burlington County. An annualized loss run was conducted in HAZUS 2.1 to estimate the annualized general building stock dollar losses for the County for 8 return periods.	Hazus analysis – preliminary DFIRM with the addition of the Advisory Base Flood Elevation V-zone were used to estimate exposure and potential losses. Estimated Burlington County's estimated potential losses at the Census block level using default building inventory.	GIS analysis using the Geology - Landslide Incidence and Susceptibility GIS layer from National Atlas. Susceptibility overlaid with Burlington County municipalities, 2010 Census population data, custom building inventory and Burlington County's critical facility inventory were used to estimate exposure.	Hazus probabilistic analysis for wind hazard from a hurricane for 100 and 500 year MRP – default demographic and building data and updated critical facility data were used. SLOSH model used to estimate exposure from storm surge from hurricanes.	Quantitative xposure analysis using previous occurrences, census population data, and Hazus building stock data.	Qualitative analysis using previous events and impacts.	Quantitative xposure analysis using previous occurrences, census population data, and Hazus building stock data.	GIS analysis - NJ Forest Fire Service Fuel hazard data overlaid with population, building stock and critical facilities.
CAMDEN	GIS analysis – census population/housing data that intersects with the Delaware Bay and Delaware River. Sea level rise GIS analysis – Preliminary FIRM Coastal Increased Inundation Areas for Cumberland and Salem counties data showing hypothetical sea level increase of 1, 2, and 3 feet using the inland extent of the 1% annual chance flood. Intersect parcels with FIRM data.	Dam failure - GIS analysis – count of housing units and population downstream of high hazard dams. Critical facilities GIS analysis – critical facilities identified within a 1.5 mile radius of each dam. Levee failure – quantitative analysis of structures protected by levees. GIS analysis – parcels within a 1,000 ft buffer around each levee. Critical facilities GIS analysis – critical facilities within a 1,000 ft buffer of each levee.	Quantitative analysis of agriculture impacts based on census of agriculture market value of products sold (by county) and agriculture land area by jurisdiction. Qualitative analysis based on previous events and impacts.	GIS analysis using census population and housing data and building permits.	GIS analysis using Preliminary Flood Insurance Rate Map (PFIRM) and NFIP data. Hazus analysis – average annual loss by census block. Sea level rise analysis – water surface elevation increase. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	GIS analysis using New Jersey Landslide Incidence and Susceptibility map - data was analyzed to determine the land area and population at risk.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Extreme temperature - quantitative analysis using population and household income data. High wind – quantitative analysis using previous events and damages and census population, building inventory data. Summer weather (hail and lightning) – quantitative analysis using previous occurrences and impacts. Impact to agriculture using agriculture census and percent land cover used for agriculture.	Statistical analysis using previous occurrences and impacts using building stock data.	GIS analysis using data from the New Jersey Forest Fire Service (NJFFS) and the United States Forest Service (USFS) to identify areas with a combination of the extreme fuel hazard and high and medium interface/intermix (WUI) and overlaid with Census population and housing data. Critical facilities GIS analysis - identify critical facilities potentially exposed to the wildfire hazard, land areas within the extreme wildfire fuel hazard risk or the High and Medium WUI.
CAMDEN	GIS analysis – census population/housing data that intersects with the Delaware Bay and Delaware River. Sea level rise GIS analysis – Preliminary FIRM Coastal Increased Inundation Areas for Cumberland and Salem counties data showing hypothetical sea level increase of 1, 2, and 3 feet using the inland extent of the 1% annual chance flood. Intersect parcels with FIRM data.	Dam failure - GIS analysis – count of housing units and population downstream of high hazard dams. Critical facilities GIS analysis – critical facilities identified within a 1.5 mile radius o/each dam. Levee failure – quantitative analysis of structures protected by levees. GIS analysis – parcels within a 1,000 ft buffer around each levee. Critical facilities GIS analysis – critical facilities within a 1,000 ft buffer of each levee.	Quantitative analysis of agriculture impacts based on census of agriculture market value of products sold (by county) and agriculture land area by jurisdiction. Qualitative analysis based on previous events and impacts.	GIS analysis using census population and housing data and building permits.	GIS analysis using Preliminary Flood Insurance Rate Map (PFIRM) and NFIP data. Hazus analysis – average annual loss by census block. Sea level rise analysis – water surface elevation increase. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	GIS analysis using New Jersey Landslide Incidence and Susceptibility map - data was analyzed to determine the land area and population at risk.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Extreme temperature - quantitative analysis using population and household income data. High wind – quantitative analysis using previous events and damages and census population, building inventory data. Summer weather (hail and lightning) – quantitative analysis using previous occurrences and impacts. Impact to agriculture using agriculture census and percent land cover used for agriculture.	Statistical analysis using previous occurrences and impacts using building stock data.	GIS analysis using data from the New Jersey Forest Fire Service (NJFFS) and the United States Forest Service (USFS) to identify areas with a combination of the extreme fuel hazard and high and medium interface/intermix (WUI) and overlaid with Census population and housing data. Critical facilities GIS analysis - identify critical facilities potentially exposed to the wildfire hazard, land areas within the extreme wildfire fuel hazard risk or the High and Medium WUI.

State of New Jersey All-Hazard Mitigation Plan Update

Local Plan Risk Analysis/Methods

County	Nature-based Hazards										
	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire
CAPE MAY	Sea level rise - GIS analysis using NOAAs sea level rise inundation data to evaluate four slr scenarios. Coastal erosion – GIS analysis using shoreline erosion rates and population, buildings, and infrastructure data.				GIS analysis using DFIRM for exposure to the 1 and 0.2 percent annual chance floods. Hazus analysis to estimate potential losses using custom updated general building stock data and critical facilities.		Hazus analysis and exposure analysis for storm surge using SLOSH model.	Qualitative discussion of impacts and included in flood and hurricane Hazua analyses.	Qualitative assessment of previous occurrences and impacts.	Quantitative analysis of potential losses from building stock and qualitative analysis of previous occurrences and impacts.	GIS analysis - New Jersey Forest Fire Service (NJFFS) uses Wildfire Fuel Hazard data to assign wildfire fuel hazard rankings across the State – impact to jurisdictions and critical facilities.
CUMBERLAND	GIS analysis – census population/housing data that intersects with the Delaware Bay and Delaware River. Sea level rise GIS analysis – Preliminary FIRM Coastal Increased Inundation Areas for Cumberland and Salem counties data showing hypothetical sea level increase of 1, 2, and 3 feet using the inland extent of the 1% annual chance flood. Intersect parcels with FIRM data.	Dam failure - GIS analysis – count of housing units and population downstream of high hazard dams. Critical facilities GIS analysis – critical facilities identified within a 1.5 mile radius of each dam. Levee failure – quantitative analysis of structures protected by levees. GIS analysis – parcels within a 1,000 ft buffer around each levee. Critical facilities GIS analysis – critical facilities within a 1,000 ft buffer of each levee.	Quantitative analysis of agriculture impacts based on census of agriculture market value of products sold (by county) and agriculture land area by jurisdiction. Qualitative analysis based on previous events and impacts.	GIS analysis using census population and housing data and building permits.	GIS analysis using Preliminary Flood Insurance Rate Map (PFIRM) and NFIP data. Hazus analysis – average annual loss by census block. Sea level rise analysis – water surface elevation increase. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	GIS analysis using New Jersey Landslide Incidence and Susceptibility map - data was analyzed to determine the land area and population at risk.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Extreme temperature - quantitative analysis using population and household income data. High wind – quantitative analysis using previous events and damages and census population, building inventory data. Summer weather (hail and lightning) – quantitative analysis using previous occurrences and impacts. Impact to agriculture using agriculture census and percent land cover used for agriculture.	Statistical analysis using previous occurrences and impacts using building stock data.	GIS analysis using data from the New Jersey Forest Fire Service (NJFFS) and the United States Forest Service (USFS) to identify areas with a combination of the extreme fuel hazard and high and medium interface/intermix (WUI) and overlaid with Census population and housing data. Critical facilities GIS analysis - identify critical facilities potentially exposed to the wildfire hazard, land areas within the extreme wildfire fuel hazard risk or the High and Medium WUI.
ESSEX	GIS analysis - population, buildings, and infrastructure along the shoreline.	Hazus analysis – estimated potential losses using custom building inventory for 1 and 0.2 percent annual chance flood (combined with flood profile).	Qualitative analysis based on previous occurrences and impacts. Impact on agriculture using agriculture census data.	Hazus analysis for 100-, 500- and 2,500-year MRPs using updated soil types for ground shaking. GIS analysis – exposure assessment conducted for population and buildings on liquefaction using susceptibility data.	Hazus analysis – estimated potential losses using custom building inventory for 1 and 0.2 percent annual chance flood.	GIS analysis using NJ geologic survey landslide susceptibility to estimate population, building stock, and critical facility exposure.	Hazus analysis for wind to determine annualized losses and the 100- and 500-year MRPs using default demographic data and updated building and critical facility data. SLOSH model for potential flooding from coastal storm.	Hazus analysis for wind to determine annualized losses and the 100- and 500-year MRPs using default demographic data and updated building and critical facility data. SLOSH model for potential flooding from coastal storm.	Quantitative analysis using previous occurrences, building stock, and population data. Qualitative analysis for extreme temperatures using previous occurrences and impacts.	Quantitative analysis using previous occurrences, building stock, and population data.	GIS analysis using wildfire fuel hazard data – determined vulnerability to jurisdictions and critical facilities.
GLOUCESTER	GIS analysis – census population/housing data that intersects with the Delaware Bay and Delaware River. Sea level rise GIS analysis – Preliminary FIRM Coastal Increased Inundation Areas for Cumberland and Salem counties data showing hypothetical sea level increase of 1, 2, and 3 feet using the inland extent of the 1% annual chance flood. Intersect parcels with FIRM data.	Dam failure - GIS analysis – count of housing units and population downstream of high hazard dams. Critical facilities GIS analysis – critical facilities identified within a 1.5 mile radius of each dam. Levee failure – quantitative analysis of structures protected by levees. GIS analysis – parcels within a 1,000 ft buffer around each levee. Critical facilities GIS analysis – critical facilities within a 1,000 ft buffer of each levee.	Quantitative analysis of agriculture impacts based on census of agriculture market value of products sold (by county) and agriculture land area by jurisdiction. Qualitative analysis based on previous events and impacts.	GIS analysis using census population and housing data and building permits.	GIS analysis using Preliminary Flood Insurance Rate Map (PFIRM) and NFIP data. Hazus analysis – average annual loss by census block. Sea level rise analysis – water surface elevation increase. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	GIS analysis using New Jersey Landslide Incidence and Susceptibility map - data was analyzed to determine the land area and population at risk.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Extreme temperature - quantitative analysis using population and household income data. High wind – quantitative analysis using previous events and damages and census population, building inventory data. Summer weather (hail and lightning) – quantitative analysis using previous occurrences and impacts. Impact to agriculture using agriculture census and percent land cover used for agriculture.	Statistical analysis using previous occurrences and impacts using building stock data.	GIS analysis using data from the New Jersey Forest Fire Service (NJFFS) and the United States Forest Service (USFS) to identify areas with a combination of the extreme fuel hazard and high and medium interface/intermix (WUI) and overlaid with Census population and housing data. Critical facilities GIS analysis - identify critical facilities potentially exposed to the wildfire hazard, land areas within the extreme wildfire fuel hazard risk or the High and Medium WUI.
HUNTERDON		Qualitative analysis using inundation information from EAPs from high hazard dams and potential impacts.	Quantitative analysis using previous occurrence and impacts, population served by groundwater, and county wide agriculture data from agriculture census.	Hazus analysis – probabilistic assessment for 100-, 500- and 2,500-year MRPs through a Level 2 analysis to analyze the earthquake hazard and provide a range of loss estimates.	GIS analysis - DFIRM used to evaluate exposure for the 1 and 2% annual chance floods and potential future losses for the 1-percent annual chance event. Hazus analysis to estimate potential losses at the structure level.	GIS analysis – landslide susceptibility using the Landslide Incidence and Susceptibility GIS layer from the National Atlas and New Jersey Geologic and Water Survey generated a carbonate formations GIS layer for sinkhole risk.	Hazus analysis for hurricane wind – a probabilistic scenario was run for annualized losses and the 100- and 500-year MRPs.	Hurricane hazus analysis and qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts.	Quantitative analysis using building stock exposure and estimated losses.	GIS analysis using wildfire fuel hazard data – determined vulnerability to jurisdictions and critical facilities.
HUDSON	GIS analysis – entire shoreline was analyzed using erosion rate, buildings, population, and infrastructure.		Qualitative analysis using previous occurrences and impacts.	Hazus analysis – level 2 probabilistic scenario estimating annualized losses and 100-, 500- and 2,500-year MRP losses. NEHRP soils as well as liquefaction and landslide susceptibility spatial data created by the New Jersey Geologic and Water Survey were incorporated into Hazus. An annualized loss run was conducted in HAZUS 2.1 to estimate the annualized general building stock dollar losses for the County. The annualized loss methodology combines the estimated losses associated with ground shaking for eight return periods: 100, 250, 500, 750, 1000, 1500, 2000, 2500-year.	GIS analysis - Preliminary FIRMs used to evaluate exposure to the 1% annual chance flood. Hazus analysis – coastal flood model to estimate potential losses at the structure level.	GIS analysis for landslide susceptibility	Hazus analysis – wind losses from a hurricane - annualized losses and the 100- and 500-year MRPs were examined for the wind/severe storm hazard. Default demographic data and updated building and critical facility data were used. SLOSH model for storm surge exposure to population, general building stock, and critical facilities.	Hazus analysis – wind losses from a hurricane - annualized losses and the 100- and 500-year MRPs were examined for the wind/severe storm hazard. Default demographic data and updated building and critical facility data were used. SLOSH model for storm surge exposure to population, general building stock, and critical facilities.	Qualitative analysis using previous occurrences and impacts.	Quantitative analysis estimating losses using general building stock and population data.	GIS analysis using wildfire fuel hazard data – determine vulnerability to jurisdictions and critical facilities.

State of New Jersey All-Hazard Mitigation Plan Update

Local Plan Risk Analysis/Methods

County	Nature-based Hazards										
	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire
MIDDLESEX	Qualitative analysis based on previous occurrences and impacts. Sea level rise GIS analysis for sea level rise estimates based on 100 yr flood plain.	GIS analysis using high hazard dam inundation maps and population/housing units exposed.	Quantitative analysis using agriculture census data for the county combined with percent agriculture land use in the county and estimated annual losses, and qualitative analysis based on previous occurrences and impacts.	GIS analysis using NEHRP soil classifications to estimate potential losses. Hazus analysis Level 1 probabilistic event - annual estimation was performed using ground motion predictions for eight return periods (100, 250, 500, 750, 1000, 1500, 2000, and 2500 years).	GIS analysis determining structures in 100 yr floodplain. Quantitative analysis using NFIP losses by jurisdiction/repetitive losses.	Qualitative discussion of previous occurrences and impacts.	SLOSH model for storm surge by jurisdiction – population and buildings exposed and estimated losses/annual losses. Hazus analysis for wind impacts – losses and annualized losses.	Qualitative discussion of previous occurrences and impacts.	Quantitative analysis using previous occurrences and impacts countywide, as well as projected future impacts (50-100yrs) for extreme temperatures. Quantitative and qualitative analysis based on previous occurrences/impacts and FEMA BCA software analysis for high winds, hail, and tornadoes.	Quantitative analysis using previous occurrences and impacts and estimated annualized losses.	GIS analysis analyzing WUI areas and population/housing data.
MONMOUTH	GIS analysis to determine population and buildings at risk to erosion and annual building damages. Hazus analysis for sea level rise projected to 2050 - estimated building damages/exposure. Wave action – GIS analysis estimating exposure of population/buildings in VE flood zone. Critical facility gis analysis.	GIS analysis, including critical facilities.	Statistical analysis using percent land that is agriculture data and previous occurrences and impacts.	Hazus analysis – 100, 500, 1000, and 2500 year frequency events and annual expected loss at the census tract level. Estimated potential losses for 500, 1000, and 2500 year events and annualized potential losses.	GIS analysis using FIRMs and population and building data to estimate exposure. Hazus analysis (level 2) for potential losses for a 0, 50, 100, 200, 500 year event and annualized losses. Critical facility GIS analysis.	GIS analysis estimating population and buildings exposed to high landslide susceptibility. Critical facilities GIS analysis.	Hazus analysis estimated exposure and losses for for 50, 100, 200, 500, and 1000 year frequency events and annual expected loss at the census tract level. SLOSH model for storm surge exposure of population and buildings. Hazus analysis for potential losses/annualized losses. Critical facilities GIS analysis.	Hazus analysis for nor´easter winds to estimate exposure to population and buildings and estimated losses and annualized losses using local storm data from 2 nor´easters with readily available data.	Statistical analysis using previous occurrences and impacts estimate population, and building improvements at risk, as well as estimated annualized losses.	Statistical analysis using previous occurrences and impacts to population, building improvements at risk, and estimate annualized losses.	GIS analysis estimating population and buildings within areas of wildfire susceptibility. Critical facilities GIS analysis.
MORRIS		Qualitative assessment using previous occurrences and impacts.	Quantitative analysis using groundwater data and agriculture census countywide data ,and qualitative analysis using previous occurrences and impacts.	Hazus level 2 analysis using a probabilistic scenario. Estimated annualized losses for building stock for 100-, 500- and 2,500-year MRP losses. NEHRP soil classification and liquefaction and landslide susceptibility data incorporated into Hazus.	GIS analysis – exposure to 1 and 0.2% annual chance flood using DFIRM. Hazus analysis for estimated losses using custom building inventory.	GIS analysis using landslide susceptibility data and NJGWS-created spatial data set identifying the location of carbonate bedrock throughout the state to identify potential hazard areas for subsidence and sinkholes. Estimated population, building stock, and critical facility exposure.	Hazus analysis for wind - 100- and 500-year mean return period to estimate annualized losses using custom building and critical facility inventory.	Hazus analysis for wind - 100- and 500-year mean return period to estimate annualized losses using custom building and critical facility inventory.	Qualitative analysis using previous occurrences and impacts.	Quantitative analysis estimating exposure and losses to building stock.	GIS analysis using NJFFS fuel data to identify areas and critical facilities at risk.
OCEAN	GIS analysis of parcels within 200 ft of erodible shoreline. Qualitative discussion of a GIS based analysis on beach-dune system erosion performed in 2006 by the Richard Stockton College of New Jersey. GIS analysis analyzing total community area and critical facilities inundated (and isolated for critical facilities only) by 1 and 3 feet of sea level rise.	Qualitative analysis using previous occurrences and impacts for jurisdictions near high and significant hazard dams.	Quantitative analysis of groundwater wells, and qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts.	GIS analysis analyzing exposure of parcels and critical facilities in the 1% annual chance floodplain.		Quantitative analysis of mobile homes per jurisdiction, and qualitative analysis using previous occurrences and impacts.	Quantitative analysis of mobile homes per jurisdiction, and qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts.	GIS analysis of critical facilities in wildfire hazard areas and hazard potential county wide.
PASSAIC	Hazus probabilistic analysis for wind - annualized losses and the 100- and 500-year mean return period using updated building and critical facility data. SLOSH model for storm surge – exposure of building, population, and critical facilities.	Qualitative analysis using previous occurrences and impacts.	Quantitative analysis using countywide census of agriculture data, and qualitative analysis using previous occurrences and impacts.	Hazus level 2 analysis using a probabilistic scenario to analyze losses and annualized losses and 100-, 500- and 2,500-year MRP losses. NEHRP soil classification and liquefaction and landslide susceptibility GIS data from NJGWS incorporated intoHhazus. Annualized losses for general building stock dollar losses for 100-, 250-, 500-, 750-, 1000-, 1500-, 2000-, and 2500-year return periods.	GIS analysis using the 1% annual chance floodplain to evaluate risk and vulnerability. Hazus analysis to estimate potential losses.	GIS analysis using landslide susceptibility from the NJGWS. NJGWS carbonate bedrock GIS data to identify hazard areas for subsidence and sinkholes. Building stock, population, and critical facilities exposure analyzed.	Hazus probabilistic analysis for wind - annualized losses and the 100- and 500-year mean return period using updated building and critical facility data. SLOSH model for storm surge – exposure of building, population, and critical facilities.	Hazus probabilistic analysis for wind - annualized losses and the 100- and 500-year mean return period using updated building and critical facility data. SLOSH model for storm surge – exposure of building, population, and critical facilities.	Qualitative analysis using previous occurrences and impacts.	Quantitative analysis using building stock exposure to estimate potential losses.	GIS analysis using NJFFS fuel data to identify areas and critical facilities at risk.
SALEM	GIS analysis – census population/housing data that intersects with the Delaware Bay and Delaware River. Sea level rise GIS analysis – Preliminary FIRM Coastal Increased Inundation Areas for Cumberland and Salem counties data showing hypothetical sea level increase of 1, 2, and 3 feet using the inland extent of the 1% annual chance flood. Intersect parcels with FIRM data.	Dam failure - GIS analysis – count of housing units and population downstream of high hazard dams. Critical facilities GIS analysis – critical facilities identified within a 1.5 mile radius of each dam. Levee failure – quantitative analysis of structures protected by levees. GIS analysis – parcels within a 1,000 ft buffer around each levee. Critical facilities GIS analysis – critical facilities within a 1,000 ft buffer of each levee.	Quantitative analysis of agriculture impacts based on census of agriculture market value of products sold (by county) and agriculture land area by jurisdiction. Qualitative analysis based on previous events and impacts.	GIS analysis using census population and housing data and building permits.	GIS analysis using Preliminary Flood Insurance Rate Map (PFIRM) and NFIP data. Hazus analysis – average annual loss by census block. Sea level rise analysis – water surface elevation increase. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	GIS analysis using New Jersey Landslide Incidence and Susceptibility map - data was analyzed to determine the land area and population at risk.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Hazus analysis – average annual loss by census block. SLOSH storm surge analysis. Critical facility GIS analysis using preliminary FIRMs and storm surge inundation.	Extreme temperature - quantitative analysis using population and household income data. High wind – quantitative analysis using previous events and damages and census population, building inventory data. Summer weather (hail and lightning) – quantitative analysis using previous occurrences and impacts. Impact to agriculture using agriculture census and percent land cover used for agriculture.	Statistical analysis using previous occurrences and impacts using building stock data.	GIS analysis using data from the New Jersey Forest Fire Service (NJFFS) and the United States Forest Service (USFS) to identify areas with a combination of the extreme fuel hazard and high and medium interface/intermix (WUI) and overlaid with Census population and housing data. Critical facilities GIS analysis - identify critical facilities potentially exposed to the wildfire hazard, land areas within the extreme wildfire fuel hazard risk or the High and Medium WUI.

State of New Jersey All-Hazard Mitigation Plan Update

Local Plan Risk Analysis/Methods

County	Nature-based Hazards										
	Coastal Erosion and Sea Level Rise	Dam and Levee Failure	Drought	Earthquake	Flood	Geological Hazards	Hurricane and Tropical Storms	Nor'easters	Severe Weather	Severe Winter Weather	Wildfire
SOMERSET		GIS analysis - two-foot County-wide contours were used to generate a Digital Elevation Model (DEM), with the exception of a small portion of the County where 10-foot contours were used to create the 1 and 0.2% annual chance floodplain to use in Hazus. Hazus analysis to estimate potential losses at the structure level using custom building inventory. (same as flood profile)	Quantitative analysis using census of agriculture countywide data, and qualitative analysis using previous occurrences and impacts.	Hazus level 2 analysis using a probabilistic scenario to analyze annualized losses and 100-, 500- and 2,500-year mean return period [MRP] losses. Used NEHRP soil classes. Annualized loss run was conducted in Hazus to estimate the annualized general building stock dollar losses for the County for eight return periods: 100, 250, 500, 750, 1000, 1500, 2000, 2500-year.	GIS analysis - two-foot County-wide contours were used to generate a Digital Elevation Model (DEM), with the exception of a small portion of the County where 10-foot contours were used to create the 1 and 0.2% annual chance floodplain to use in Hazus. Hazus analysis to estimate potential losses at the structure level using custom building inventory.		Hazus analysis using probabilistic model for hurricane wind - annualized losses and the 100- and 500-year MRPs were examined for population and updated building and critical facility data.	Quantitative analysis estimating exposure and potential damages to building stock and snow removal costs.	Qualitative analysis using previous occurrences and impacts.	Quantitative analysis estimating exposure and potential damages to building stock and snow removal costs.	GIS analysis - The Wildfire Urban Interface (interface and intermix) obtained through the SILVIS Lab, Department of Forest Ecology and Management, University of Wisconsin-Madison was used to define the wildfire hazard areas and estimate exposure to population, building stock and critical facilities.
SUSSEX		Qualitative analysis using previous occurrences and impacts.	Quantitative analysis using census of agriculture countywide data, and qualitative analysis using previous occurrences and impacts/drinking water suppliers data.	Hazus level 2 analysis using a probabilistic scenario to analyze annualized losses and 100-, 500- and 2,500-year mean return period [MRP] losses. Used NEHRP soil classes. Annualized loss run was conducted in Hazus to estimate the annualized general buildi	GIS analysis - DFIRM used to estimate exposure and potential losses in 1 and 0.2% annual chance floodplain. Hazus analysis to estimate potential losses at the structure level using the County's custom building inventory.	GIS analysis - Landslide Incidence and Susceptibility GIS layer from the National Atlas was used to assess the vulnerability to landslides. New Jersey Geologic and Water Survey generated a Carbonate Formations GIS layer, which indicates areas in New Jersey with carbonate geological formations.	Hazus analysis for wind - 100- and 500-year mean return period were used to evaluate potential losses.	Hazus analysis outputs from hurricane profile, and qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts.	Quantitative analysis using population and building stock data (1-10% damage loss estimates).	GIS analysis using NJFFS fuel data to identify areas and critical facilities at risk.
UNION	Qualitative analysis using previous occurrences and impacts.	GIS analysis – census blocks intersecting 500ft wide stream buffer downstream of high hazard dams. Estimated exposure of land and population/housing.	Qualitative analysis using previous occurrences and impacts	GIS analysis using NEHRP soil classifications. Hazus analysis using probabilistic scenario for annualized direct building losses.	GIS exposure analysis of parcels in floodplain. Quantitative analysis using NFIP data/losses/RL and SRL.	GIS analysis using NEHRP soil classifications. Hazus analysis using probabilistic scenario for annualized direct building losses. Qualitative analysis using previous occurrences and impacts	Quantitative analysis using previous occurrences and impacts. Hazus analysis for max wind speed and structure exposure/annualized losses. Quantitative analysis using power loss data. GIS analysis using SLOSH model for storm surge.	Quantitative analysis using previous occurrences and impacts. Hazus analysis for max wind speed and structure exposure/annualized losses. Quantitative analysis using power loss data. GIS analysis using SLOSH model for storm surge.	Quantitative analysis using FEMA value of life for annual, 50 and 100 year risk for extreme temperatures. Quantitative analysis using previous occurrences and impacts to estimate annual, 50 and 100 year losses for lightning. Qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts.	GIS analysis using WUI and wildfire potential data.
WARREN		Qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts/drinking water suppliers data.	Hazus level 2 probabilistic analysis for 100, 500 2500 year MRPs.	GIS analysis using FIRM for 1 and 0.2 percent annual chance flood. Hazus analysis for potential losses for 1 percent annual chance flood.	GIS analysis using Landslide Incidence and Susceptibility GIS layer from the National Atlas. GIS analysis using The New Jersey Geologic and Water Survey generated layers used to determine the vulnerability to the subsidence and sinkhole hazard. The Carbonate Formations GIS layer indicates areas in New Jersey with carbonate geological formations; additionally, a Sinkhole GIS layer provides the location of sinkholes, caves, abandoned mines, and abandoned and operating quarries.	Hazus analysis probabilistic scenario for 100 and 500 yr MRPs for wind.	Hazus analysis for potential losses for 1 percent annual chance flood and Hazus analysis probabilistic scenario for 100 and 500 yr MRPs for wind.	Qualitative analysis using previous occurrences and impacts. Hazus analysis for wind.	Quantitative analysis to estimate exposure and 1-10 percent building losses.	GIS analysis using NJFFS Fuel Hazard Area.

State of New Jersey All-Hazard Mitigation Plan Update

Local Plan Risk Analysis/Methods

County	Human-based										
	Animal Disease	Civil Unrest	Crop Failure	Cyber Attack	Economic Collapse	Fishing Failure	Hazardous Substances	Nuclear Hazards	Pandemic	Power Failure	Terrorism
ESSEX	Qualitative analysis based on previous occurrences and impacts.	Qualitative analysis based on previous occurrences and impacts.		Qualitative analysis based on previous occurrences and impacts.			Qualitative analysis based on previous occurrences and impacts.		Qualitative analysis based on previous occurrences and impacts.	Qualitative analysis based on previous occurrences and impacts.	Qualitative analysis based on previous occurrences and impacts.
HUNTERDON	Qualitative analysis based on previous occurrences and impacts.						Qualitative analysis based on previous occurrences and impacts.		Qualitative analysis based on previous occurrences and impacts.		
MIDDLESEX							Qualitative discussion of previous occurrences and impacts.			Quantitive analysis based on previous occurrences and impacts (from hurricanes Irene and Sandy) and estimated annual losses.	
MONMOUTH											
MORRIS	Qualitative analysis using previous occurrences and impacts.						Qualitative analysis using EPA data for previous occurrences and impacts.		Qualitative analysis using previous occurrences and impacts.		
OCEAN							GIS analysis analyzing parcels located within 1.5 miles of a hazmat facility and value of improvements.	Quantitative analysis using population and critical facilities within 10 miles epz of oyster creek nuclear power plant and parcels/improvement value.		Qualitative analysis using previous occurrences and impacts.	Qualitative analysis using previous occurrences and impacts.
PASSAIC	Qualitative analysis using previous occurrences and impacts.						Qualitative analysis using EPA data for previous occurrences and impacts.		Qualitative analysis using previous occurrences and impacts.		
SUSSEX							Qualitative analysis using EPA data.				
UNION							Qualitative analysis using USDOT, EPA data, previous occurrences, and impacts.				
WARREN							Qualitative analysis using EPA data.				