



Hurricane Isaias Adv. 26

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WASHINGTON, DC
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03 Aug 2020

CHICAGO
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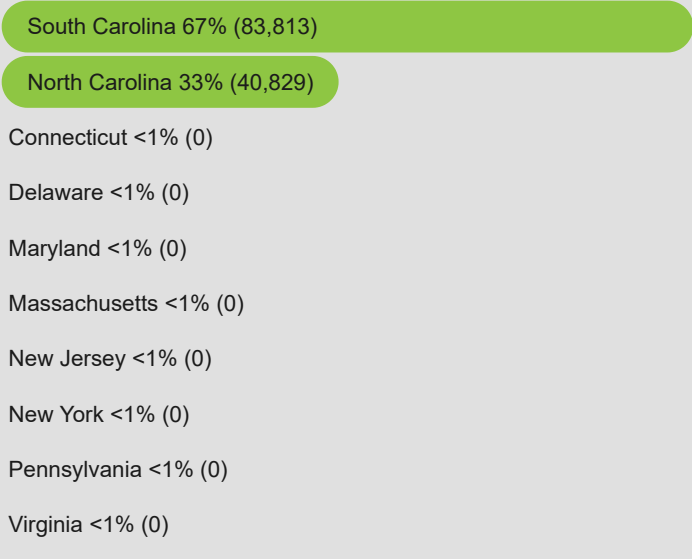
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Updated as of 3 Aug 2020 (11:32 AM Central Daylight Time)



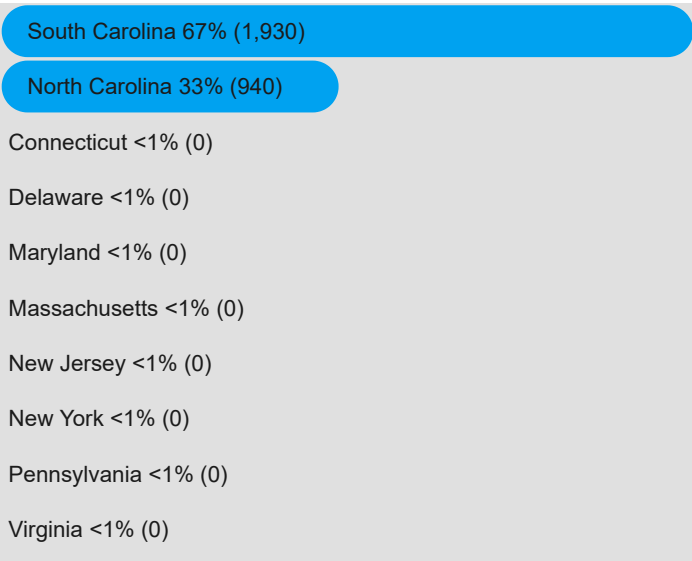
Debris

124,642
cu. yd.



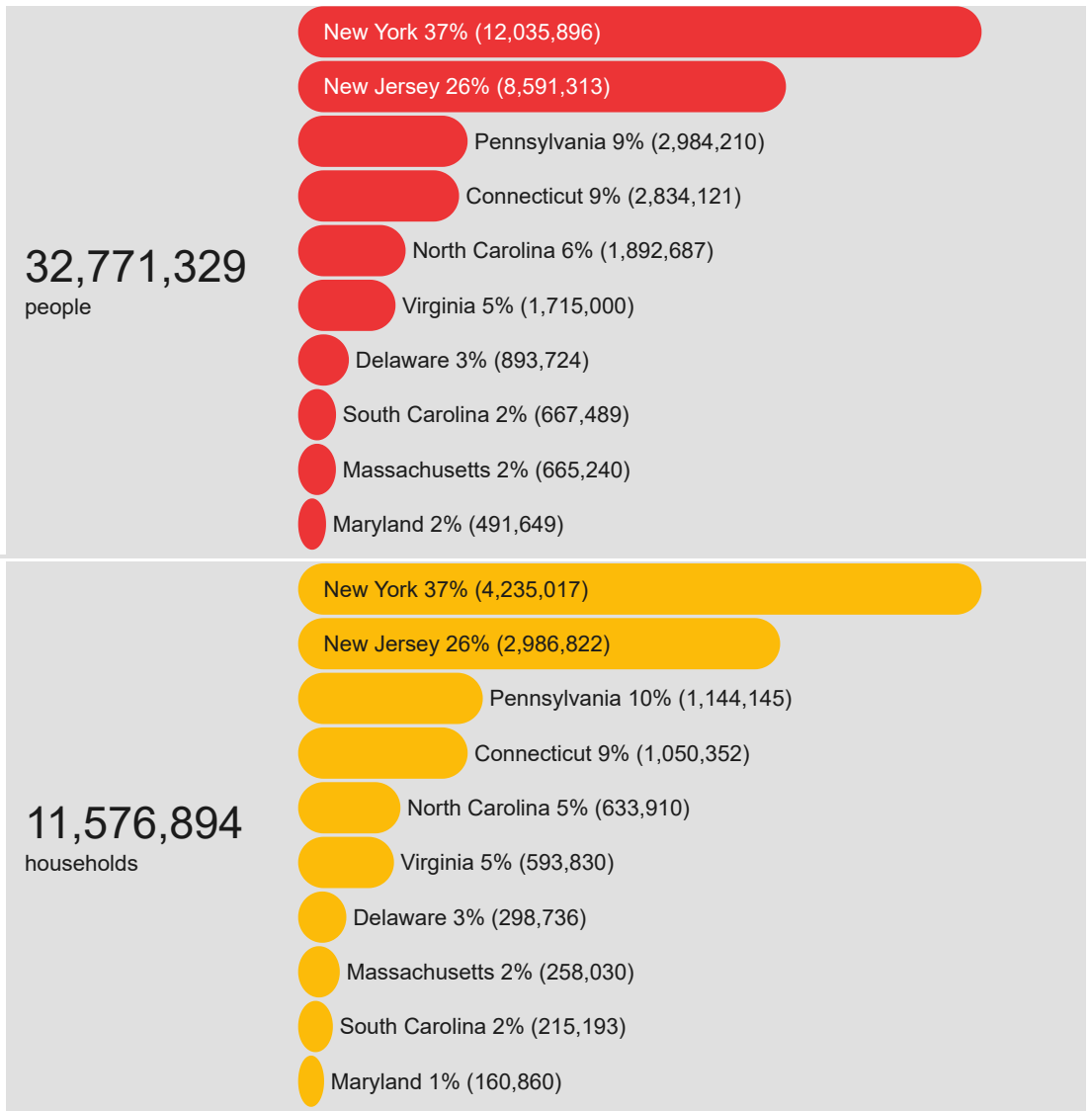
Temporary Roofing

2,871
units



Population





Households

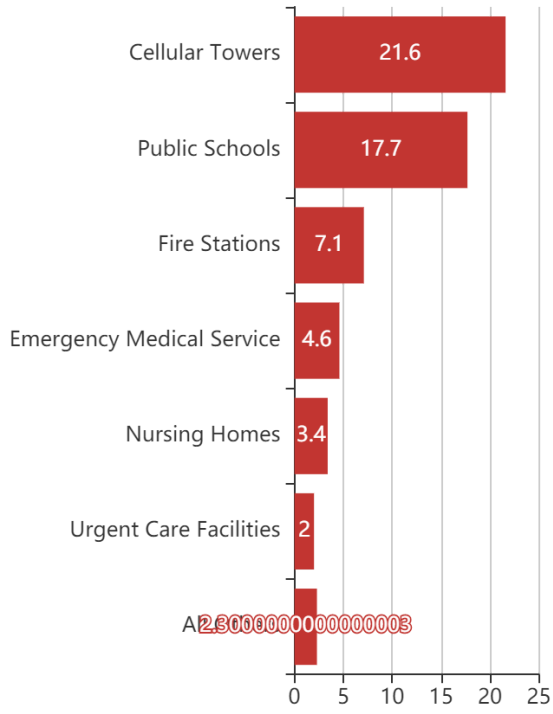
Critical Infrastructure Summary

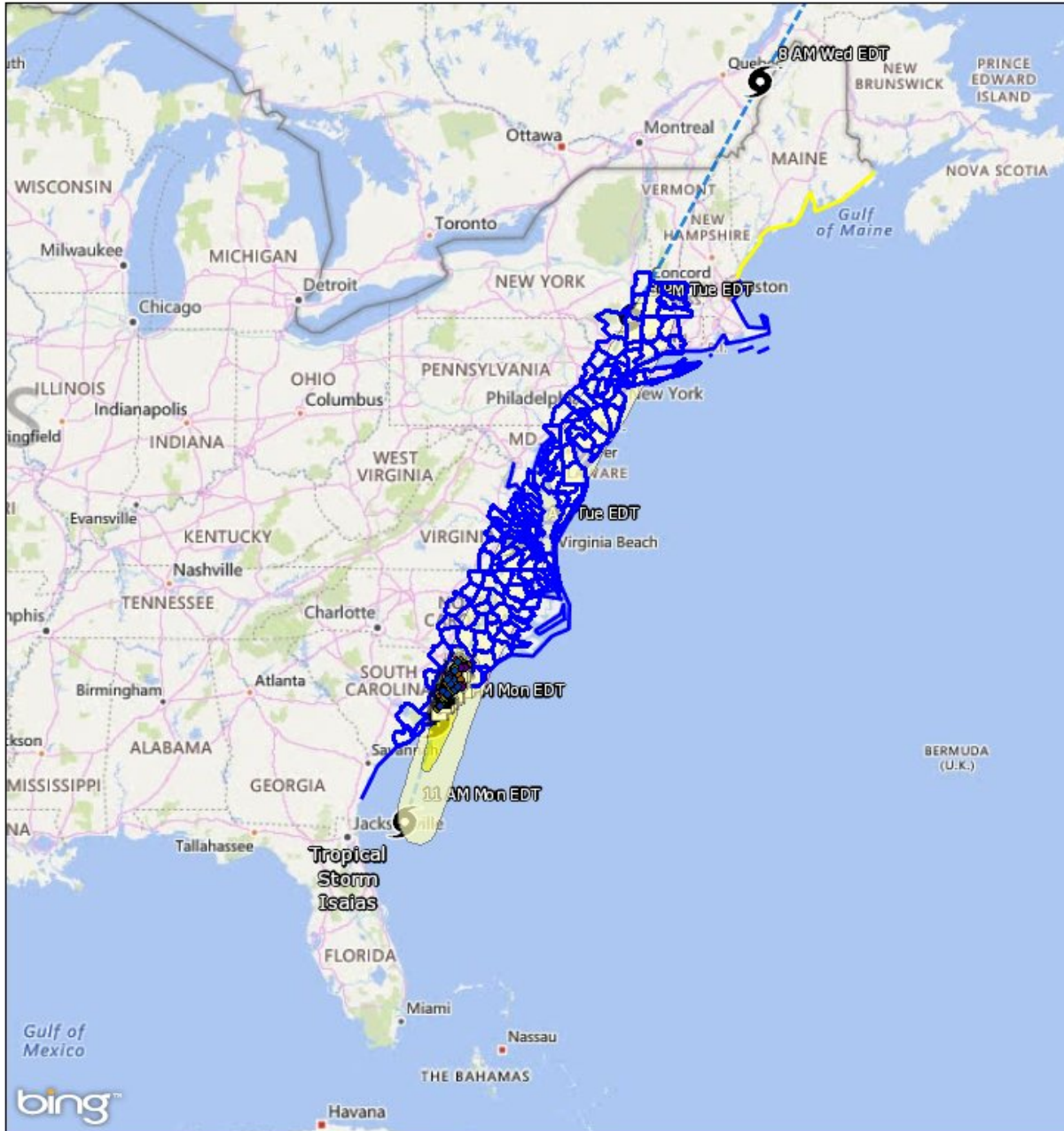
Total



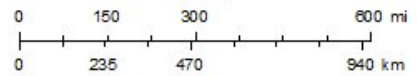
Generators

By Generator Count

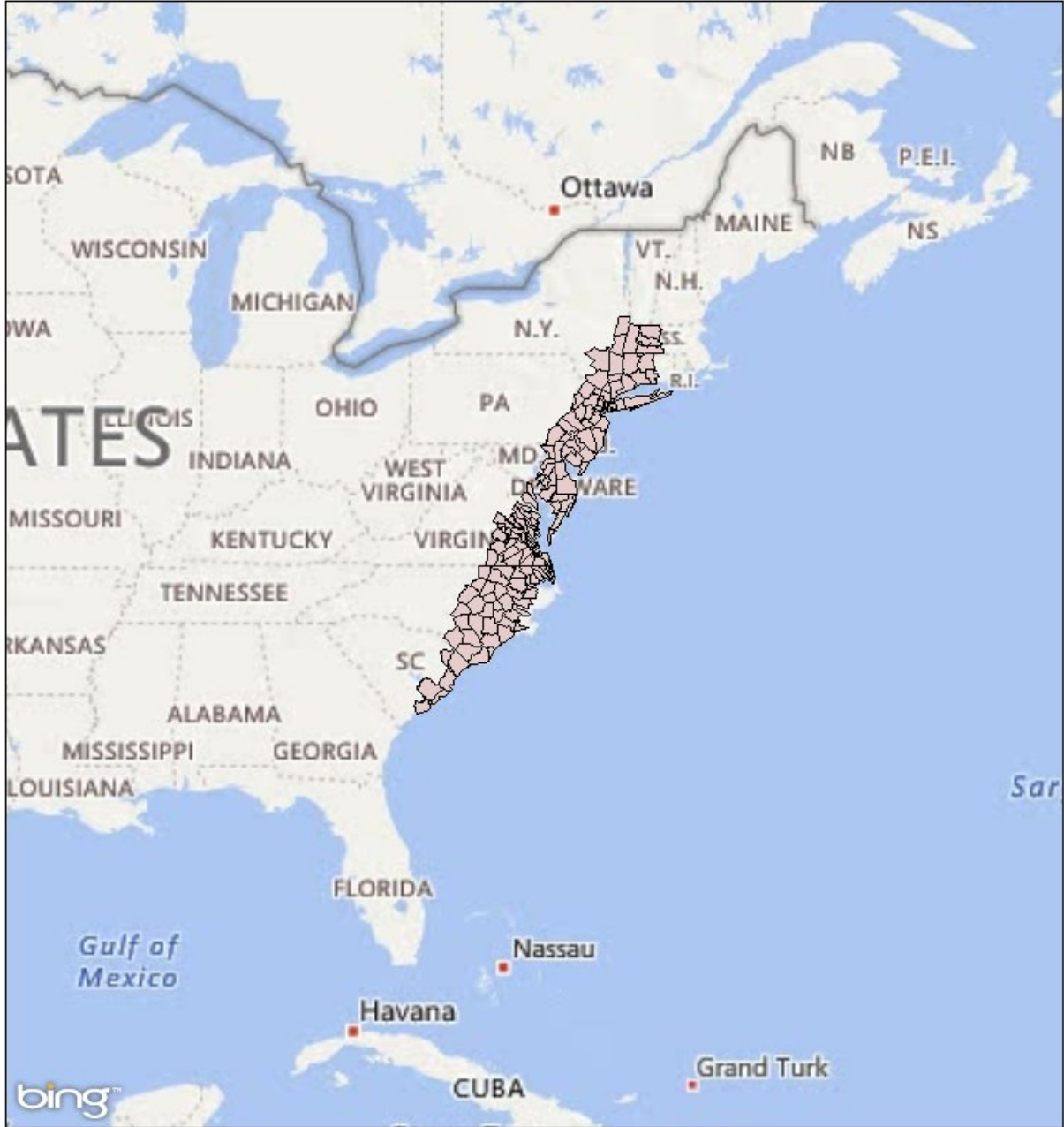




1:17,282,357




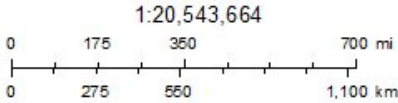
NOAA/NOS/IOCS now COAST, NOAA/NWS/NHC, NOAA/NWS/CPHC
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Mission Summaries

Debris

 < 100,000 cubic yards



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Mission Summary



The mission models account for storm surge and wind damage only, but do not account for other related storm hazards that may affect the mission estimates.

Mission Summary	
Total Counties	147
Debris (cu. yd.)	124,642
Temporary Roofing (units)	2,871
Population	32,771,329.42
Households	11,576,894.309

Population Distribution	
Tropical Storm	32,159,469
Category 1	213,608

CONNECTICUT	Yards of Debris (0)	Roof Units (0)	Population (2,834,121)	Households (1,050,352)
Fairfield	0	0	906,634	324,232
Hartford	0	0	885,075	335,098
Litchfield	0	0	189,744	71,551
Middlesex	0	0	1,175	431
New Haven	0	0	851,493	319,040

DELAWARE	Yards of Debris (0)	Roof Units (0)	Population (893,724)	Households (298,736)
Kent	0	0	161,048	47,224
New Castle	0	0	534,207	188,935
Sussex	0	0	198,469	62,577

MARYLAND	Yards of Debris (0)	Roof Units (0)	Population (491,649)	Households (160,860)
Calvert	0	0	30,065	8,255
Caroline	0	0	34,237	11,097
Cecil	0	0	16,464	4,975
Dorchester	0	0	32,924	12,706
Kent	0	0	8,973	3,290
Queen Anne's	0	0	48,923	15,315
Somerset	0	0	26,413	8,361
St. Mary's	0	0	106,284	30,642
Talbot	0	0	37,995	14,307
Wicomico	0	0	98,185	32,218
Worcester	0	0	51,186	19,694

MASSACHUSETTS	Yards of Debris (0)	Roof Units (0)	Population (665,240)	Households (258,030)
Berkshire	0	0	127,384	56,006
Franklin	0	0	222	91
Hampden	0	0	463,651	175,288
Hampshire	0	0	73,983	26,645

NEW JERSEY	Yards of Debris (0)	Roof Units (0)	Population (8,591,313)	Households (2,986,822)
Atlantic	0	0	276,846	95,024
Bergen	0	0	910,386	330,817
Burlington	0	0	452,064	154,371
Camden	0	0	519,806	185,744
Cape May	0	0	100,384	42,148
Cumberland	0	0	158,434	49,143
Essex	0	0	783,531	283,736
Gloucester	0	0	294,832	90,717
Hudson	0	0	607,650	230,546
Hunterdon	0	0	130,174	43,678
Mercer	0	0	371,697	125,807
Middlesex	0	0	794,605	265,815
Monmouth	0	0	649,429	224,236
Morris	0	0	496,157	169,711
Ocean	0	0	578,728	200,402
Passaic	0	0	500,140	163,856
Salem	0	0	66,841	24,295
Somerset	0	0	333,075	108,984
Sussex	0	0	35,023	11,530
Union	0	0	531,112	186,124
Warren	0	0	400	138

NEW YORK	Yards of Debris (0)	Roof Units (0)	Population (12,035,896)	Households (4,235,017)
Bronx	0	0	1,390,745	463,212
Columbia	0	0	62,952	24,796
Dutchess	0	0	296,856	99,536
Kings	0	0	2,567,699	880,727
Nassau	0	0	1,337,619	447,387
New York	0	0	1,643,382	738,644
Orange	0	0	386,178	114,788
Putnam	0	0	100,061	32,703
Queens	0	0	2,306,637	782,664
Rensselaer	0	0	698	268
Richmond	0	0	489,884	156,341
Rockland	0	0	296,781	92,675
Suffolk	0	0	171,341	53,880
Ulster	0	0	28,104	10,255
Westchester	0	0	956,959	337,142

NORTH CAROLINA	Yards of Debris (40,829)	Roof Units (940)	Population (1,892,687)	Households (633,910)
Beaufort	0	0	14,469	5,646
Bertie	0	0	20,019	7,743
Bladen	3,465	80	31,456	12,453
Brunswick	12,825	295	113,266	30,446
Camden	0	0	2,541	657
Chowan	0	0	14,807	5,580
Columbus	24,539	565	54,916	21,315
Craven	0	0	99,813	34,582
Cumberland	0	0	57,262	18,964
Currituck	0	0	28	8
Duplin	0	0	54,388	18,267
Edgecombe	0	0	52,057	20,392
Franklin	0	0	5,865	1,721
Gates	0	0	12,160	3,901
Greene	0	0	21,331	6,696
Halifax	0	0	55,202	22,122
Harnett	0	0	12	3
Hertford	0	0	23,672	8,953
Johnston	0	0	174,426	46,595
Jones	0	0	10,288	4,061
Lenoir	0	0	57,180	23,862
Martin	0	0	23,823	10,020
Nash	0	0	95,531	33,644
New Hanover	0	0	199,320	68,183
Northampton	0	0	21,041	8,691
Onslow	0	0	172,836	48,122
Pasquotank	0	0	6,481	1,971
Pender	0	0	54,546	16,054
Perquimans	0	0	3,253	1,149
Pitt	0	0	162,304	52,539
Robeson	0	0	15,497	5,124
Sampson	0	0	65,513	22,273
Wake	0	0	1,281	334
Warren	0	0	1,025	398
Washington	0	0	520	215
Wayne	0	0	115,330	42,612
Wilson	0	0	79,228	28,613

PENNSYLVANIA	Yards of Debris (0)	Roof Units (0)	Population (2,984,210)	Households (1,144,145)
Bucks	0	0	629,627	218,725
Chester	0	0	11,438	3,577
Delaware	0	0	558,034	206,320
Montgomery	0	0	344,653	125,452
Philadelphia	0	0	1,440,459	590,071

SOUTH CAROLINA	Yards of Debris (83,813)	Roof Units (1,930)	Population (667,489)	Households (215,193)
Berkeley	0	0	2,902	825
Charleston	0	0	361,569	123,326
Georgetown	9,295	214	46,590	15,762
Horry	74,518	1,716	254,182	74,410
Marion	0	0	2,246	870

VIRGINIA	Yards of Debris (0)	Roof Units (0)	Population (1,715,000)	Households (593,830)
Accomack	0	0	38,805	15,299
Brunswick	0	0	2,356	813
Charles City	0	0	7,286	2,670
Chesapeake	0	0	223,279	69,900
Chesterfield	0	0	18,285	5,456
Colonial Heights	0	0	17,803	7,027
Dinwiddie	0	0	7,372	2,464
Emporia	0	0	5,778	2,226
Essex	0	0	11,293	3,995
Franklin City	0	0	8,556	3,384
Gloucester	0	0	38,615	13,127
Greensville	0	0	12,351	3,375
Hampton	0	0	146,762	53,887
Hanover	0	0	5,203	1,598
Henrico	0	0	68,034	24,477
Hopewell	0	0	23,344	9,055
Isle of Wight	0	0	36,330	11,319
James City	0	0	66,174	19,003
King and Queen	0	0	6,814	2,673
King William	0	0	16,793	4,846
Lancaster	0	0	11,613	5,004
Mathews	0	0	9,292	3,932
Middlesex	0	0	10,750	4,253
New Kent	0	0	18,753	4,925
Newport News	0	0	181,614	69,686
Norfolk	0	0	236,947	86,210
Northampton	0	0	13,729	5,321
Northumberland	0	0	13,591	5,470
Petersburg	0	0	31,595	13,799
Poquoson	0	0	12,083	4,166
Portsmouth	0	0	99,998	38,170
Prince George	0	0	37,791	10,159
Richmond	0	0	9,555	2,937
Southampton	0	0	19,004	6,279
Suffolk	0	0	85,224	23,283
Surry	0	0	7,284	2,619
Sussex	0	0	12,356	4,126
Virginia Beach	0	0	46,453	16,432
Westmoreland	0	0	17,744	6,846
Williamsburg	0	0	13,402	3,619
York	0	0	64,989	20,000

Critical Infrastructure

Summary			
Total Structures		372	
Power Requirements		11,834.8	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (8)	0.4	35 - 75	22.0
Cellular Towers (36)	21.6	35 - 75	1,188.0
FM Antennas (28)	1.4	35 - 75	77.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (21)	0.0	200 - 300	0.0
Public Schools (59)	17.7	200 - 300	4,425.0
Colleges and Universities (5)	0.1	200 - 300	25.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (46)	4.6	15 - 35	115.0
Fire Stations (71)	7.1	15 - 35	177.5
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (23)	3.4	35 - 100	232.9
Hospitals (6)	1.8	800 - 2000	2,520.0
Urgent Care Facilities (10)	2.0	200 - 300	500.0
Military	# FED Gen Req	Range (kW)	Req kW
Air National Guard (ANG) Sites (0)	0.0	15 - 35	0.0
Army National Guard (ARNG) Sites (3)	0.0	15 - 35	0.0
National Security Government Military Facilities (16)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (2)	0.4	400 - 600	200.0
Local Police (12)	1.2	15 - 35	30.0
State Police (1)	0.1	15 - 35	1.3
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (1)	0.2	15 - 40	5.5
State Emergency Operation Centers (EOCs) (0)	0.0	15 - 35	0.0

State Facilities	# FED Gen Req	Range (kW)	Req kW
Governors Mansion (0)	0.0	100 - 200	0.0
Major State Government Building (0)	0.0	100 - 200	0.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (0)	0.0	600 - 1200	0.0
Amtrak Stations (0)	0.0	100 - 300	0.0
Bus Stations (11)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (0)	0.0	100 - 300	0.0
Railroad Stations (0)	0.0	100 - 300	0.0
Public-Use Airports (9)	1.1	40 - 100	75.6

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (4)	1.6	800 - 2000	2,240.0

COVID-19

#	County	Cases
1	Queens	67,421
2	Kings	61,800
3	Bronx	49,707
4	Suffolk	43,345
5	Nassau	43,322
6	Westchester	35,998
7	Philadelphia	30,354
8	New York	28,668
9	Bergen	20,521
10	Essex	19,526
11	Hudson	19,511
12	Fairfield	17,793
13	Middlesex	17,713
14	Passaic	17,493
15	Union	16,575
16	Richmond	14,596
17	Rockland	13,882
18	New Haven	13,041
19	Hartford	12,645
20	Charleston	11,594
21	Wake	11,113
22	Orange	11,093
23	Ocean	10,459
24	Monmouth	10,117
25	Montgomery	9,835
26	Delaware	8,804
27	Camden	8,357
28	Horry	8,116
29	Mercer	8,042
30	Hampden	7,467
31	Morris	7,156
32	Bucks	6,995
33	New Castle	6,868
34	Burlington	5,831
35	Sussex	5,656
36	Somerset	5,190
37	Chester	4,885
38	Dutchess	4,520
39	Virginia Beach	4,299
40	Chesterfield	4,020
41	Berkeley	3,854
42	Henrico	3,609

43	Atlantic	3,393
44	Cumberland	3,240
45	Norfolk	3,210
46	Gloucester	3,097
47	Johnston	3,057
48	Cumberland	2,734
49	Robeson	2,635
50	Chesapeake	2,538
51	New Hanover	2,337
52	Wayne	2,312
53	Kent	2,199
54	Ulster	2,028
55	Duplin	1,937
56	Pitt	1,766
57	Newport News	1,639
58	Litchfield	1,597
59	Portsmouth	1,539
60	Putnam	1,428
61	Sampson	1,421
62	Wilson	1,399
63	Middlesex	1,377
64	Warren	1,330
65	Sussex	1,307
66	Wicomico	1,294
67	Georgetown	1,287
68	Brunswick	1,188
69	Harnett	1,141
70	Hunterdon	1,137
71	Hampshire	1,136
72	Suffolk	1,092
73	Accomack	1,079
74	Hampton	1,048
75	Nash	1,038
76	Onslow	930
77	St. Mary's	922
78	Salem	871
79	Columbus	826
80	Cape May	810
81	Franklin	783
82	Rensselaer	736
83	Berkshire	657
84	Cecil	647
85	Halifax	639

86	Craven	631
87	Calvert	619
88	Pender	619
89	Hanover	590
90	Worcester	588
91	Bladen	584
92	Edgecombe	579
93	Dillon	564
94	James City	549
95	Lenoir	535
96	Columbia	522
97	Marion	522
98	Petersburg	465
99	Caroline	432
100	Greensville	425
101	Franklin	405
102	Queen Anne's	397
103	Talbot	366
104	Pasquotank	351
105	Dorchester	351
106	Beaufort	348
107	Isle of Wight	338
108	Prince George	334
109	Richmond	317
110	York	310
111	Greene	308
112	Northampton	307
113	Northampton	292
114	Hertford	283
115	Sussex	277
116	Hopewell	254
117	Bertie	247
118	Warren	240
119	Martin	239
120	Southampton	238
121	Kent	235
122	Brunswick	205
123	Dinwiddie	200
124	Westmoreland	193
125	Colonial Heights	184
126	Emporia	165
127	Gloucester	145
128	Chowan	138

129	Franklin City	126
130	Somerset	123
131	Washington	120
132	New Kent	117
133	Williamsburg	111
134	King William	77
135	Essex	77
136	Perquimans	67
137	Northumberland	66
138	Camden	63
139	Jones	59
140	Charles City	50
141	Gates	43
142	Surry	37
143	Poquoson	36
144	King and Queen	35
145	Lancaster	31
146	Middlesex	27
147	Mathews	14

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