

Supplemental Table 1: Characteristics of eligible MLSP cases overall and of those meeting any of three MCTD case definitions

	Overall		Meeting any of the three MCTD case definitions	
	N	%	N	%
Eligible cases, aged 18 and older	3,460		266	7.7%
Male	372	10.8	11	4.1
Female	3,088	89.3	255	95.9
White	1,193	34.5	102	38.4
Black	760	22.0	65	24.4
Latino	842	24.3	61	22.9
Asian	271	7.8	23	8.7
Other	394	11.4	15	5.6
18-29 years old	530	15.3	40	15.0
30-39 years old	622	18.0	46	17.3
40-49 years old	675	19.5	52	19.6
50-59 years old	705	20.4	61	22.9
60-69 years old	504	14.6	38	14.3
70+ years old	424	12.3	29	10.9

Supplemental Table 2: Manifestations among Manhattan residents aged 18 and older with MCTD									
	Modified Alarcon-Segovia and Kahn criteria			Diagnosis of MCTD and no other diagnosis of another connective tissue disease			Diagnosis of MCTD regardless of other CTD diagnoses		
	Total	N	%	Total	N	%	Total	N	%
Overall	16			47			258		
Anti-RNP*	16	16	100.0	34	15	44.1	195	105	53.8
Arthritis	16	16	100.0	46	14	30.4	257	151	58.8
Myositis	16	16	100.0	46	2	4.3	256	25	9.8
Raynauds	16	16	100.0	47	18	38.3	258	138	53.5
Interstitial lung disease or pneumonitis	16	3	18.8	46	8	17.4	256	57	22.3
Pulmonary hypertension	16	2	12.5	46	2	4.3	256	35	13.7

* N reflect the cases in which a laboratory value was found in the abstracted chart. % reflects the cases with a positive RNP antibody of any titer that was not considered equivocal or borderline or negative.