

Supplementary Table 1

Demographic, Exposure and Psychosocial Characteristics by Probable PTSD Status in Police (n=13,403) and Non-Traditional (n=15,440) WTC General Responders

		Police Responders				Non-Traditional Responders					
		No PTSD		Probable PTSD		No PTSD		Probable PTSD			
		n	%	n	%	Chi-Square	n	%	n	%	Chi-Square
Full Sample		12,111	90.7%	1,242	9.3%		10,710	69.4%	4,730	30.6%	
Variable											
Race/Ethnicity	Non-Latino/a White	7,662	63.0%	731	58.9%		6,775	63.3%	2,442	51.6%	
	Non-Latino/a Black	1,520	12.5%	166	13.4%		1,243	11.6%	466	9.9%	
	Latino/a	2,979	24.5%	345	27.8%	8.66*	2,692	25.1%	1,822	38.5%	284.52***
Gender	Male	10,378	85.3%	1,025	82.5%		9,431	88.1%	3,879	82.0%	
	Female	1,783	14.7%	217	17.5%	7.01**	1,279	11.9%	851	18.0%	100.96***
Marital Status	Single/Never Married	1,557	12.8%	159	12.8%		1,614	15.1%	761	16.1%	
	Married/Partnered	8,151	67.0%	757	61.0%		6,997	65.3%	2,575	54.4%	
	Widowed/ Sep/Dvrccd	2,453	20.2%	326	26.2%	26.33***	2,099	19.6%	1,394	29.5%	206.36***
Education	High School or Less	2,497	20.5%	317	25.5%		4,652	43.4%	2,464	52.1%	

	Some College or Higher	9,664	79.5%	925	74.5%	16.92***	6,058	56.6%	2,266	47.9%	98.96***
Income	≤\$80,000/year	7,231	59.5%	793	63.8%		7,834	73.1%	3,893	82.3%	
	>\$80,000/year	4,930	40.5%	449	36.2%	9.03**	2,876	26.9%	837	17.7%	150.65***
						1020.76*					
History of Psychiatric Disorder		804	6.6%	423	34.1%	**	1,194	11.1%	1,359	28.7%	734.99***
		Mean	SD	Mean	SD	t	Mean	SD	Mean	SD	t
Age in Years		41.8	7.0	43.7	7.4	9.16***	45.1	10.2	45.1	10.0	.20
Sum Before 9/11 Stressors		1.1	1.6	1.7	2.2	12.08***	1.4	2.0	2.1	2.9	18.53***
Sum WTC-Related Exposures		5.0	1.2	5.9	1.9	15.91***	3.4	1.9	3.9	2.1	14.62***
Sum After WTC Stressors		2.4	2.1	4.3	3.1	28.52***	2.7	2.6	5.0	3.5	44.64***
Sum WTC-Related Medical Conditions		0.6	0.8	0.9	0.9	10.10***	0.5	0.7	0.6	0.8	5.01***
Social Support during WTC Recovery Effort – Family		2.2	1.4	1.8	1.4	8.43***	1.6	1.4	1.3	1.4	11.98***
Social Support during WTC Recovery Effort – Work		0.8	0.8	0.6	0.8	5.10***	0.6	0.7	0.4	0.7	10.11***

Note. Probable PTSD (Posttraumatic stress disorder) was assessed using the Posttraumatic Stress Checklist-Specific Version (PCL-S); * p < .05, **p <.01, *** p < .001.

Supplementary Table 2.

Exposure to Potentially Traumatic, WTC-Related Exposures by Racial/Ethnic Status in Police (n=13,403) and Non-Traditional (n=15,440) WTC General Responders

Types of Exposures Endorsed	Police Responders					Non-Traditional Responders				
	White (1)	Black (2)	Latino/a (3)	Chi-Square	Pairwise Contrast	White (1)	Black (2)	Latino/a (3)	Chi-Square	Pairwise Contrast
Caught in WTC dust cloud	27.0%	25.1%	25.5%	3.99	-	14.0%	14.1%	9.0%	74.48***	1,2>3
Arrival between 9/11 and 9/13	87.2%	83.0%	84.3%	30.53***	1>2,3	68.7%	67.9%	47.3%	614.40***	1,2>3
Worked adjacent to WTC pit/pile	82.0%	76.7%	78.9%	33.75***	1>2,3	79.3%	76.9%	75.3%	28.74***	1>3
Worked in search & rescue	26.7%	17.6%	19.7%	105.05***	1>2,3	10.6%	4.7%	4.0%	204.76***	1>2,3
Exposed to human remains	64.0%	50.7%	53.8%	170.83***	1>2,3	38.4%	29.3%	22.4%	363.43***	1>2>3
Worked longer than median hours	59.9%	59.6%	59.2%	0.42	-	43.0%	41.2%	41.1%	5.49	-
Slept at WTC site	18.5%	14.5%	16.6%	17.56***	1>2	17.4%	11.0%	9.6%	165.45***	1>2,3
Injured at WTC site	25.6%	21.3%	20.8%	37.43***	1>2,3	25.1%	24.8%	26.1%	1.95	-
Knew someone who was injured	60.2%	53.4%	53.2%	62.38***	1>2,3	38.0%	37.7%	32.4%	42.02***	1,2>3
Death of friend/family member	74.0%	62.2%	63.9%	171.35***	1>2,3	47.9%	40.8%	35.6%	192.10***	1>2>3

Note. Probable PTSD (Posttraumatic stress disorder) was assessed using the Posttraumatic Stress Checklist-Specific Version (PCL-S); * p < .05, ** p < .01, *** p < .001