

Appendix 1. Comparison of those prescribed and not prescribed long-acting medication in the WTCHR cohort.

	Not on medication (n=1,016)	On medication (n=1,293^a)	p value
	N (%)	N (%)	
Controlled asthma	707 (69.6)	322 (25.0)	<0.001 *
Age on 9/11			<0.001 *
18-24	49 (4.8)	20 (1.6)	
25-44	616 (60.6)	716 (55.4)	
45-64	339 (33.4)	548 (42.4)	
65+	12 (1.2)	9 (0.7)	
Gender			<0.001 *
Males	540 (53.2)	847 (65.5)	
Females	476 (46.9)	446 (34.5)	
Race			n.s.
White	722 (71.1)	885 (68.5)	
Black	81 (8.0)	124 (9.6)	
Latino	135 (13.3)	199 (15.4)	
Asian	50 (4.9)	44 (3.4)	
Other/multiracial	28 (2.8)	41 (3.2)	
Rescue Recovery Worker	532 (52.4)	835 (64.5)	<0.001 *
PTSD	249 (24.5)	523 (40.5)	<0.001 *
Depression	246 (24.2)	479 (37.1)	<0.001 *
Anxiety	280 (27.6)	472 (36.5)	<0.001 *
Education			<0.001 *
High school or less	203 (20.0)	334 (25.8)	
Some college	250 (24.6)	444 (34.3)	
College grad or greater	563 (55.4)	515 (39.8)	
Household Income			<0.001 *
Less than \$25,000	107 (10.5)	163 (12.6)	
\$25,001-\$50,000	133 (13.1)	211 (16.3)	
\$50,001-\$75,000	160 (15.8)	254 (19.6)	
\$75,001-\$150,000	411 (40.5)	503 (38.9)	
More than \$150,000	205 (20.2)	162 (12.5)	
Weight Status			<0.001 *
Healthy/underweight	255 (25.1)	207 (16.0)	
Overweight	346 (34.1)	491 (38.0)	
Obese	415 (40.9)	595 (46.0)	
Smoking History^b			n.s.
Never smoker	573 (56.4)	682 (52.8)	
Former smoker	346 (34.1)	482 (37.3)	
Current smoker	94 (9.3)	117 (9.1)	
OSA^c	201 (19.8)	458 (35.4)	<0.001 *
GERD^d	353 (34.7)	698 (54.0)	<0.001 *
Social support			n.s.
Low	198 (19.5)	272 (21.0)	
Medium	380 (37.4)	473 (36.6)	
High	438 (43.1)	548 (42.4)	

Hospitalized last 12 months ^e	7 (0.7)	52 (4.0)	<0.001 *
ER visit last 12 months ^f	75 (7.4)	263 (20.3)	<0.001 *
Ever had pulmonary function test	903 (88.9)	1,256 (97.1)	<0.001 *

- a. On medication refers to those currently prescribed long-term asthma control medication.
- b. 15 participants are missing information on this variable.
- c. 96 participants are missing information on this variable.
- d. 64 participants are missing information on this variable.
- e. 30 participants are missing information on this variable.
- f. 88 participants are missing information on this variable.

***significant at the 0.05 level**
