

## APPENDIX

**Table A-1. Demographic and other characteristics of participants  $\geq 18$  years at enrollment by intent to vaccinate in the next year (2014-2015 season)**

	No vaccine intention n=121	Vaccine intention n=75	P value
Age Group, %			0.584
18-49 years	86 (71.1)	56 (74.7)	
$\geq 50$ Years	35 (28.9)	19 (25.3)	
Sex, %			0.455
Male	42 (34.7)	30 (40.0)	
Female	79 (65.3)	45 (60.0)	
Race, %			0.193
White	113 (93.4)	66 (88.0)	
Black	8 (6.6)	9 (12.0)	
Not Hispanic, %	117 (98.3)	73 (97.3)	0.638
Insurance Status, %			0.183
Public	14 (12.3)	14 (19.4)	
Private	100 (87.7)	58 (80.6)	
Currently employed	98 (81.0)	53 (70.7)	0.095
Subjective Social Status, %; range = 1 (low) to 9= (high)			0.376
1-4	16 (13.3)	9 (12.0)	
5	35 (29.2)	31 (41.3)	
6	24 (20.0)	12 (16.0)	
7-9	45 (37.5)	23 (30.67)	
Self-reported health status, %			0.773
Fair/Poor	6 (5.0)	3 (4.0)	
Good	30 (24.8)	22 (29.3)	
Very Good	54 (44.6)	35 (46.7)	
Excellent	31 (25.6)	15 (20.0)	
Smoker, %	21 (17.4)	15 (20.0)	0.642
Household smoking, %	34 (28.1)	23 (30.7)	0.701
Asthma diagnosis, %	31 (25.8)	15 (20.0)	0.351
Any high-risk condition, %	23 (19.0)	19 (25.3)	0.294
Symptoms at enrollment			
Fever, %	62 (51.2)	46 (61.3)	0.167
Fatigue, %	90 (74.4)	58 (77.3)	0.640
Wheezing, %	41 (33.9)	28 (37.3)	0.623
Sore throat, %	83 (68.6)	50 (66.7)	0.779
Nasal Congestion, %	89 (73.6)	55 (73.3)	0.973
Shortness of breath, %	49 (40.5)	21 (28.0)	0.076
Influenza Positive by RT-PCR, %	41 (33.9)	32 (42.7)	0.216
Periods			<b>0.016</b>
Pre-peak	73 (60.3)	32 (42.7)	
Post peak	48 (39.7)	43 (57.3)	
Illness severity at enrollment, range = 1 (worst) to 100 (best), Mean	59 (20.9)	54.7 (19.9)	0.155

(SD)			
Illness severity at follow-up, range = 1 (worst) to 100 (best), Mean (SD)	82.3 (14.4)	80.6 (15.9)	0.426
Ability perform usual activities at enrollment, n (%)			<b>0.025</b>
Not at all (0-5)	69 (57.0)	52 (69.3)	
Somewhat (6-8)	35 (28.9)	21 (28.0)	
Able to perform (9)	17 (14.1)	2 (2.7)	
Sleep quality at enrollment, n (%)			0.594
Worst (0-4)	63 (52.5)	46 (61.3)	
Mild (5-6)	31 (25.8)	18 (24.0)	
Moderate (7-8)	19 (15.8)	8 (10.7)	
Normal (9)	7 (5.8)	3 (4.0)	
Ability perform usual activities at follow-up,* %			0.824
Not at all (0-5)	17 (14.1)	13 (17.3)	
Somewhat (6-8)	49 (40.5)	29 (38.7)	
Able to perform (9)	55 (45.4)	33 (44.0)	
Sleep quality at follow-up,* n (%)			0.807
Worst (0-4)	10 (8.3)	7 (9.3)	
Mild (5-6)	26 (21.5)	16 (21.3)	
Moderate (7-8)	48 (39.7)	25 (33.3)	
Normal (9)	37 (30.6)	27 (36.0)	

**Table A-2. Demographic and other characteristics of participants  $\geq 18$  years at enrollment by intent to vaccinate in the next year (2015-2016 season)**

	No vaccine intention n=249	Vaccine intention n=147	P value
Age Group, %			0.849
18-49 years	170 (68.3)	99 (67.3)	
$\geq 50$ Years	79 (31.7)	48 (32.7)	
Sex, %			<b>0.031</b>
Male	96 (38.5)	73 (49.7)	
Female	153 (61.5)	74 (50.3)	
Race, %			0.554
White	217 (87.2)	125 (85.0)	
Black	32 (12.8)	22 (15.0)	
Not Hispanic, %	244 (98.0)	139 (95.9)	0.216
Insurance Status, %			0.966
Public	52 (21.1)	31 (21.2)	
Private	195 (78.9)	115 (78.8)	
Currently employed	192 (77.4)	112 (76.2)	0.779
Subjective Social Status, %; range = 1 (low) to 9= (high)			0.235
1-4	24 (10.0)	18 (13.1)	
5	85 (35.4)	35 (25.5)	
6	53 (22.1)	32 (23.4)	
7-9	78 (32.5)	52 (38.0)	
Self-reported health status, %			0.865
Fair/Poor	15 (6.0)	6 (4.1)	
Good	74 (29.7)	44 (29.9)	
Very Good	104 (41.8)	62 (42.2)	
Excellent	56 (22.5)	35 (23.8)	
Smoker, %	55 (22.1)	36 (24.5)	0.583
Household smoking, %	69 (27.8)	36 (24.5)	0.469
Asthma diagnosis, %	44 (17.8)	30 (20.4)	0.524
Any high-risk condition, %	75 (30.1)	38 (25.8)	0.363
Symptoms at enrollment			
Fever, %	122 (49.0)	89 (60.5)	<b>0.026</b>
Fatigue, %	207 (83.1)	126 (85.7)	0.497
Wheezing, %	94 (37.8)	75 (51.0)	<b>0.009</b>
Sore throat, %	190 (76.3)	101 (68.7)	0.098
Nasal Congestion, %	187 (75.1)	122 (83.0)	0.067
Shortness of breath, %	116 (46.6)	80 (54.4)	0.132
Influenza positive by RT-PCR, %	62 (24.9)	55 (37.4)	<b>0.008</b>
Periods			0.065
Pre-peak	115 (46.2)	82 (55.8)	
Post peak	134 (53.8)	65 (44.2)	
Illness severity at enrollment, range = 1 (worst) to 100 (best), Mean (SD)	58.4 (20.1)	54.1 (21.1)	<b>0.046</b>
Illness severity at follow-up,	79.5 (17.1)	79.3 (18.9)	0.891

range = 1 (worst) to 100 (best), Mean (SD)			
Ability perform usual activities at enrollment, n (%)			0.399
Not at all (0-5)	111 (44.6)	74 (50.3)	
Somewhat (6-8)	98 (36.4)	48 (32.7)	
Able to perform (9)	40 (16.0)	25 (17.0)	
Sleep quality at enrollment, n (%)			0.902
Worst (0-4)	145 (58.2)	83 (56.8)	
Mild (5-6)	56 (22.5)	32 (21.9)	
Moderate (7-8)	34 (13.6)	20 (13.7)	
Normal (9)	14 (5.6)	11 (7.5)	
Ability perform usual activities at follow-up,* %			0.522
Not at all (0-5)	28 (11.2)	17 (11.6)	
Somewhat (6-8)	80 (32.1)	55 (37.4)	
Able to perform (9)	141 (56.6)	75 (51.0)	
Sleep quality at follow-up,* n (%)			0.743
Worst (0-4)	26 (10.4)	13 (8.8)	
Mild (5-6)	42 (16.9)	31 (21.1)	
Moderate (7-8)	93 (37.4)	52 (35.4)	
Normal (9)	88 (35.3)	51 (34.7)	

\*Using Fisher's Exact Test

**Table A-3. Demographic and other characteristics of participants  $\geq 18$  years at enrollment by intent to vaccinate in the next year (2016-2017 season)**

	No vaccine intention n=159	Vaccine intention n=86	P value
Age Group, %			0.226
18-49 years	89 (56.0)	55 (63.9)	
$\geq 50$ Years	70 (44.0)	31 (36.1)	
Sex, %			0.913
Male	64 (40.2)	34 (39.5)	
Female	95 (59.8)	52 (60.5)	
Race, %			0.113
White	144 (90.6)	72 (83.7)	
Black	15 (9.4)	14 (16.3)	
Not Hispanic, %	156 (98.1)	85 (100.0)	0.553*
Insurance Status, %			<b>0.003</b>
Public	55 (34.8)	14 (16.5)	
Private	103 (65.2)	71 (83.5)	
Currently employed	NA	NA	---
Subjective Social Status, %; range = 1 (low) to 9= (high)			0.064
1-4	25 (17.4)	8 (9.9)	
5	58 (40.3)	24 (29.6)	
6	25 (17.3)	22 (27.2)	
7-9	36 (25.0)	27 (33.3)	
Self-reported health status, %			0.962
Fair/Poor	10 (6.3)	5 (5.9)	
Good	47 (29.5)	27 (31.8)	
Very Good	68 (42.8)	37 (43.5)	
Excellent	34 (21.4)	16 (18.8)	
Smoker, %	24 (15.1)	19 (22.6)	0.144
Household smoking, %	32 (20.1)	24 (28.2)	0.151
Asthma diagnosis, %	30 (19.0)	19 (22.4)	0.533
Any high-risk condition, %	71 (44.6)	34 (39.5)	0.439
Symptoms at enrollment			
Fever, %	109 (68.5)	57 (66.3)	0.716
Fatigue, %	139 (87.4)	75 (87.2)	0.962
Wheezing, %	69 (43.4)	40 (46.5)	0.639
Sore throat, %	119 (74.8)	72 (83.7)	0.109
Nasal Congestion, %	124 (78.0)	74 (86.1)	0.126
Shortness of breath, %	83 (52.2)	51 (59.3)	0.287
Influenza Positive by RT-PCR, %	68 (42.8)	35 (40.7)	0.754
Periods			0.845
Pre-peak	50 (31.5)	26 (30.2)	
Post peak	109 (68.5)	60 (69.8)	
Illness severity at enrollment, range = 1 (worst) to 100 (best), Mean (SD)	55.6 (20.3)	54.9 (19.8)	0.792
Illness severity at follow-up,	78.5 (19)	80 (15)	0.480

range = 1 (worst) to 100 (best), Mean (SD)			
Ability perform usual activities at enrollment, n (%)			0.603
Not at all (0-5)	91 (57.6)	51 (60.0)	
Somewhat (6-8)	43 (27.2)	25 (29.4)	
Able to perform (9)	24 (15.2)	9 (10.6)	
Sleep quality at enrollment, n (%)			0.351
Worst (0-4)	90 (56.6)	46 (54.1)	
Mild (5-6)	36 (22.6)	27 (31.8)	
Moderate (7-8)	23 (14.5)	9 (10.6)	
Normal (9)	10 (6.3)	3 (3.5)	
Ability perform usual activities at follow-up,* %			0.702
Not at all (0-5)	16 (10.1)	11 (12.8)	
Somewhat (6-8)	67 (42.1)	38 (44.2)	
Able to perform (9)	76 (47.8)	37 (43.0)	
Sleep quality at follow-up,* n (%)			0.087
Worst (0-4)	20 (12.6)	9 (10.5)	
Mild (5-6)	29 (18.2)	11 (12.8)	
Moderate (7-8)	48 (30.2)	40 (46.5)	
Normal (9)	62 (39.0)	26 (30.2)	

\*Using Fisher's Exact Test