

eAppendix

Table A. Respondent and NICU Characteristics in Relation to SAQ and HSOPSC Composite Scores

Respondent Characteristics	N (%)	SAQ Safety			HSOPSC OPS			SAQ Teamwork			HSOPSC TW		
		Mean	SD	<i>p</i>	Mean	SD	<i>p</i>	Mean	SD	<i>p</i>	Mean	SD	<i>p</i>
Sex (n = 2003)				<.01			<.01			<.01			<.01
Male	305 (15)	79.8	15.7		75.7	21.2		83.0	16.1		82.5	20.0	
Female	1697 (85)	76.1	17.6		71.1	21.4		76.2	18.6		78.3	19.7	
Primary Shift (n = 1868)				0.23			0.29			<.01			<.01
Days	894 (48)	76.9	17.2		71.9	21.6		76.9	18.5		77.5	20.5	
Evenings	79 (4)	75.2	17.1		70.3	22.3		73.8	18.2		79.3	19.0	
Nights	602 (32)	76.8	16.6		71.5	20.5		76.6	17.9		80.7	18.0	
Variable	293 (16)	78.8	18.1		74.2	21.8		82.3	17.7		81.3	19.2	
Job Position (n = 2041)				<.01			<.01			<.01			<.01
Fellow Physician	31 (2)	84.8	13.8		83.9	17.7		90.3	11.0		87.0	11.6	
Physician	204 (10)	80.7	17.1		77.8	20.6		86.0	14.2		85.4	15.9	
Neonatal Nurse Practitioner	35 (2)	78.9	14.4		71.8	22.6		77.8	16.6		77.6	16.1	
Registered Nurse	1464 (72)	75.6	17.6		70.0	21.7		74.9	19.0		77.5	20.4	
Respiratory Care Provider	286 (14)	76.0	17.1		73.2	19.9		79.1	17.4		79.0	20.1	
Other	21 (1)	83.3	15.8		80.7	17.9		82.0	15.3		84.4	14.5	
Work Experience (n = 1970)				<.01			<.01			<.01			<.01
Less than 6 months	20 (1)	84.6	18.1		83.7	17.1		84.7	17.6		86.9	18.8	
6 - 11 months	27 (1)	85.5	12.8		81.5	17.2		87.3	10.2		87.2	12.9	
1 - 2 years	74 (4)	80.2	13.7		77.5	19.0		82.9	15.9		82.7	15.8	
3 - 4 years	192 (10)	76.0	16.3		72.1	20.1		76.6	16.1		79.2	16.8	
5 - 10 years	476 (24)	75.6	17.0		71.1	20.7		76.1	18.2		78.3	19.3	
11 - 20 years	538 (27)	75.7	17.7		71.1	21.9		75.2	19.9		77.0	21.6	
More than 20 years	643 (33)	77.8	18.0		71.6	22.6		78.7	18.5		80.0	20.2	
Hospital and Unit Characteristics													
Urban Location (n = 2072)				<.05*			<.01			<.01			<.05

No	128 (6)	73.3	18.3		64.9	22.5		72.5	19.1		82.7	14.5
Yes	1944 (94)	76.7	17.4		72.0	21.4		77.2	18.6		78.5	20.2
Level of Care (n = 2072)				0.65			<.01			0.48		<.01
Level II	248 (12)	75.8	17.4		67.5	20.9		76.1	18.8		81.0	17.8
Level III	1151 (56)	76.3	18.0		73.2	22.0		77.3	18.6		79.7	20.4
Level IV	673 (32)	76.9	16.8		70.3	20.6		76.5	20.3		76.2	19.7
Number of NICU Beds (n = 1924)				<.05*			<.05			<.01		<.01
Less than 50	1153 (60)	76.5	17.8		72.4	21.1		77.1	18.8		80.0	19.9
50-99	694 (36)	76.8	16.7		69.6	22.1		76.0	18.2		76.2	20.1
More than 99	77 (4)	71.4	19.2		68.4	20.8		68.5	18.4		77.3	17.8
Number of NICU Admissions Annually (n = 1947)				<.05*			<.05			<.01		0.12
Less than 500	945 (49)	77.4	17.0		73.0	20.4		78.6	17.9		79.3	20.5
500-999	714 (37)	75.9	17.6		70.5	21.5		75.9	19.3		77.8	19.5
More than 999	288 (15)	74.5	18.6		70.2	23.7		72.2	19.3		76.8	20.5

SAQ - Safety Attitudes Questionnaire, HSOPSC - Hospital Survey on Patient Safety Culture, OPS - Overall Perception of Safety, TW - Teamwork Within Units, SD - Standard deviation. The p-values from the chi-squared tests refer to comparisons of SAQ and HSOPSC composite scores along each of the characteristics examined.