

Participation and Sensory Environment Questionnaire (PSEQ) Score Sheet

Directions: Obtain a raw score for each of the subscales by summing the scores for each item in that subscale. Each item is scored from 1 to 5 (None = 1, A Little = 2, Some = 3, A Lot = 4, Too Much to Participate = 5). **The responses for the importance and ranking sections are not scored**, but can help clinicians to prioritize areas for intervention. The subscales allow us to interpret the impact of the sensory environment on participation in home activities and community activities for target intervention and strategy development

Convert Raw Scores to Standard Scores using the Conversion Charts provided. Interpret each Standard Score using Interpretation Guide page 2.

Subscale:	ITEM NUMBERS	Raw Score	Standard Score
Home	1 - 15		
Community	1 - 19		

Home Conversion Chart				Community Conversion Chart							
Raw	Standard Score	Raw	Standard Score	Raw	Standard Score	Raw	Standard Score	Raw	Standard Score	Raw	Standard Score
15	35	46	57	19	31	50	55	81	67		
16	35	47	57	20	35	51	55	82	67		
17	40	48	58	21	37	52	55	83	67		
18	41	49	58	22	38	53	60	84	69		
19	42	50	59	23	38	54	60	85	70		
20	42	51	60	24	41	55	57	86	70		
21	43	52	60	25	41	56	57	87	71		
22	44	53	61	26	42	57	57	88	71		
23	44	54	61	27	50	58	57	89	71		
24	45	55	62	28	43	59	57	90	71		
25	45	56	62	29	43	60	57	91	73		
26	46	57	63	30	43	61	57	92	75		
27	46	58	64	31	45	62	57	93	77		
28	47	59	64	32	45	63	58	94	78		
29	47	60	65	33	45	64	58	95	80		
30	48	61	66	34	46	65	58				
31	49	62	66	35	50	66	58				
32	49	63	66	36	50	67	59				
33	50	64	68	37	50	68	60				
34	50	65	69	38	50	69	61				
35	51	66	70	39	50	70	63				
36	51	67	71	40	50	71	64				
37	52	68	72	41	50	72	64				
38	52	69	73	42	50	73	64				
39	53	70	75	43	50	74	64				
40	53	71	76	44	50	75	64				
41	54	72	77	45	50	76	64				
42	55	73	78	46	51	77	64				
43	55	74	79	47	52	78	65				
44	56	75	80	48	52	79	67				
45	56			49	54	80	67				

Standard Score Interpretation Guide

Standard Score	Interpretation
Score of 55 and below	Typical/Minimal impact of the sensory environment on participation
Score of 56-70	Moderate/Significant impact of the sensory environment on participation
Score of 71 and above	Substantial impact of the sensory environment on participation

Raw scores were converted to T- scores for the purposes of interpreting results. T-scores are type of standardized score that represents the sample used for standardization. It is important to note that the sample used to develop the P-SEQ was comprised of both children with ASD (n = 167, 55%) and children without ASD (n = 137; 45%). A T-score of 50 represents the mean. A difference of 10 from the mean indicates a difference of one standard deviation. Thus, a score of 60 is one standard deviation above the mean, while a score of 30 is two standard deviations below the mean. High scores on the *Participation and Sensory Environment Questionnaire* indicate a higher level of impact of the sensory environment on participation. Based on this, results of a T-scores of 60 or higher suggest that the sensory environment is impacting participation at a level that may require additional environmental modifications/adaptations or interventions to support participation in the home or community. A T-score of 70 or higher suggests that the sensory environment is having a substantial impact on participation.