

Descriptive Statistics and Inter-Rater Reliability for APARS Items and Scales (N=31 sites)

Item or Scale	% reporting yes or no		Inter-rater reliability	
	No	Yes	One-way ICC ^a or Kappa	% agreement
Outside Positive PA Features/Functionality 12-item scale	Mean = 4.9 (SD = 2.9)		.946 ^a	NA
> 1 Building	58.1	41.9	1.00	100
> 1 Grassy areas >10ftx10ft	35.7	64.3	.772	89.2
> 1 Exits connected by sidewalks	48.4	51.6	.924	96.7
> 1 Bench along path	42.9	57.1	.779	89.3%
No outside stairways (not from building)	82.1	17.9	.850	92.8
Directional signs	60.7	39.3	.868	96.4
Marked crossings	75.0	25.0	.909	96.4
Bike racks	78.6	21.4	.900	96.4
> 1 Path intersections within site	67.7	32.3	.928	96.5
≥30% of path shaded by trees	57.1	42.9	.708	85.7
Curved paths	53.6	46.4	.789	92.9
Paths with moderate slope	75.0	25.0	.900	96.4
Outside Aesthetics 3-item scale	Mean = 1.6 (SD = 0.9)		.743 ^a	NA
Water features	46.4	53.6	.716	85.8
Art/sculptures	57.1	42.9	.926	96.4
Pleasant views from the path	14.3	85.7	.604	89.3
Outside Hazards 4-item scale	Mean = 1.1 (SD = 1.1)		.813 ^a	NA
Hazardous sections	53.6	46.4	.635	82.1
Roads to cross	67.9	32.1	.826	92.9
Obstructions on path	89.3	10.7	.512	89.2
≤1 exterior light	78.6	21.4	1.00	100
Outside Exercise Facilities 10-item scale	Mean = 1.0 (SD = 1.8)		.946 ^a	NA
Putting green	89.3	10.7	1.00	100
Horse shoes	89.3	10.7	1.00	100

Bocci ball	96.4	3.6	1.00	100
Lawn bowling	92.9	7.1	1.00	100
Basketball hoop	92.9	7.1	1.00	100
Exercise stations	89.3	10.7	1.00	100
Tennis court	100	0	NA	100
Swimming pool	75.0	25.0	1.00	100
Bike paths	100	0	NA	100
Shuffle board	82.1	17.9	1.00	100
Inside Exercise Facilities 7-item scale	Mean = 3.4 (SD = 1.8)		.763 ^a	NA
Dedicated aerobics classroom	77.4	22.6	.708	90.3
Combined fitness/aerobics room	71.0	29.0	.757	90.3
CV/aerobic equipment in fitness room	29.0	71.0	.585	80.6
Weights/resistance equipment	32.3	67.7	.674	83.9
Indoor swimming pool	93.5	6.5	1.00	100
Dedicated physical therapy room/facility	71.0	29.0	.832	93.6
Exercise equipment not in dedicated room	83.9	16.1	.716	93.6
Inside Social Facilities 19-item scale	Mean = 10.3 (SD = 3.7)		.805 ^a	NA
Exergames/interactive video games	80.6	19.4	1.00	100
Mind fitness games	83.9	16.1	.870	96.8
Warm-water therapy pool	83.9	16.1	.870	96.8
Open social lounges or living room area	9.7	90.3	.000	86.2
Lecture hall or theater	90.3	9.7	.603	88.0
Multi-purpose room	25.8	74.2	.789	92.9
Dining room	16.1	83.9	.758	93.1
TV/entertainment room	41.9	58.1	.854	93.1
Public TV	22.6	77.4	.580	86.2
Computer room	58.1	41.9	.717	86.2
Public computer	25.8	74.2	.655	86.2
Music room	67.7	32.3	.852	93.5

Billiard table	61.3	38.7	.793	90.4
Card/game room	45.2	54.8	.672	83.9
Arts/craft room	45.2	54.8	.806	90.3
Library	16.1	83.9	.640	87.1
Kitchen	41.9	58.1	.672	83.9
Fireplace	32.3	67.7	.733	87.1
Daily newspaper	25.8	74.2	.663	87.1
Inside Buildings 8-item scale	Mean = 4.6 (SD = 1.5)		.796 ^a	NA
> 4 floors	77.4	22.6	.832	93.6
> 2 staircase	35.5	64.5	.859	93.6
≤ 1 elevator	80.6	19.4	.739	90.4
> 1 corridor with view to outdoors	38.7	61.3	.737	86.7
≥ 1 corridor with artwork	38.7	61.3	.927	96.6
≤ 1 corridor with varying thresholds/ slippery/ changing surfaces	25.8	74.2	.586	86.6
≥ 1 staircase visible from main entrance	87.1	12.9	.518	90.4
≥ 1 automatic door to outside	16.1	83.9	.667	90.0
Onsite Services 17-item scale	Mean = 7.8 (SD = 3.2)		.859 ^a	NA
> 1 Open areas/courtyards/patios	42.9	57.1	.928	96.5
> 1 Seating/eating areas	32.1	67.9	.845	92.8
> 1 Shaded or covered seating or eating areas	57.1	42.9	.784	89.3
Bank	87.1	12.9	.367	90.3
Pharmacy	96.8	3.2	.000	93.5
Hairdresser/beautician	19.4	80.6	.817	93.6
Chapel/religious services	32.3	67.7	.852	93.5
Mediation/quiet room	96.8	3.2	1.00	100
Mail room/ post office	22.6	77.4	.832	93.6
Café/ cafeteria	80.6	19.4	.903	96.8
Spa/ wellness center	61.3	38.7	.860	93.6
Gift shop	58.1	41.9	.870	93.5

Snack shop	58.1	41.9	.594	80.6
Vending machines	74.2	25.8	1.00	100
Laundry	3.2	96.8	.000	93.5
Physiotherapist	71.0	29.0	.832	93.6
Medical/dental clinic	58.1	41.9	.665	83.9
Activity programming (exercise)	M = 9.5 (SD = 8.3)		.887 ^a	93.6
Activity programming (social)	M = 32.0 (SD = 32.2)		.432 ^a	48.4
Site Info	NA		NA	NA
Number of Residents	M = 92.2 (SD = 99.7)		.978 ^a	96.7
Length of longest walking path (feet)	M = 1016.8 (SD = 1042.6)		.932 ^a	90.0
Length of continuous walking path through corridors (feet)	M = 332.9 (SD = 185.8)		.725 ^a	84.7
# corridors i.e. 20 ft w/ room	M = 9.6 (SD = 6.0)		.739 ^a	73.4
# exits to outside at ground level	M = 4.3 (SD = 2.1)		.897 ^a	86.7
Percent independent residents	M = 52.4 (SD = 45.4)		.882 ^a	92.8

Note: ^aInter-observer reliability was calculated using ICC; ^bLand area and building floor area descriptive statistics were calculated for the validity sample only (n = 12); n = 31 for all other items