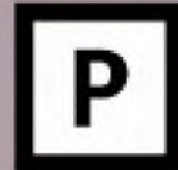
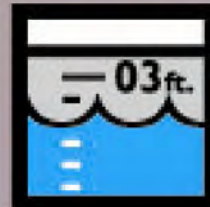


**ACCESSIBILITY INSTRUMENTS MEASURING  
FITNESS AND RECREATION ENVIRONMENTS**

FITNESS CENTER AND  
SWIMMING POOL ACCESSIBILITY

**PROFESSIONAL VERSION**

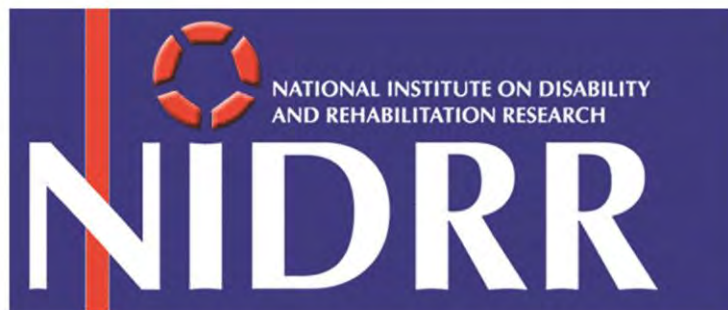




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The term "AIMFREE" was developed by researchers at the University of Illinois at Chicago, Chicago, IL. For more information on this instrument, please contact James Rimmer at (800) 900-8086 or at [email@nchpad.org](mailto:email@nchpad.org). No portion of this manual may be copied, duplicated, or otherwise reproduced without prior written consent from the copyright owner. No portion of this manual, including the AIMFREE instrument, may be modified in any way. This includes, but is not limited to, adding, deleting, editing or rearranging of instrument items, changing instrument directions or scoring procedures.

Funding to develop the AIMFREE Instruments provided by the Centers for Disease Control and Prevention, National Center on Birth Defects and Developmental Disabilities, Division of Human Development and Disability, Grant # R04/CCR518810. Funding for continued research utilizing the AIMFREE manuals provided by the U. S. Department of Education, The National Institute on Disability and Rehabilitation Research (NIDRR), Grant #H133E020715. The AIMFREE manuals were published as part of the dissemination efforts of the RERC RecTech.



AIMFREE was funded through a grant from the Centers for Disease Control and Prevention between 2000 and 2003. The AIMFREE instrument is currently being implemented in a study of fitness center accessibility funded by the National Institute of Disability and Rehabilitation Research (NIDRR), 2007–2012 (NIDRR Grant No. H133E070029).

# TABLE OF CONTENTS

<b>Table of Contents</b> .....	3
<b>Introduction</b> .....	4
What is AIMFREE?.....	4
How Does AIMFREE Fit with the U.S. Access Board Guidelines?.....	4
Who Participated?.....	5
Survey Notes.....	7
Glossary of Terms.....	8
Demographics Sheet.....	12
Directions.....	13
<b>The AIMFREE Fitness Center and Swimming Pool Accessibility Survey (Professional Version)</b>	
Section A: Access Routes* and Entrance Areas.....	14
Section B: Equipment.....	19
Section C: Information and Signage*.....	24
Section D: Locker Rooms and Showers.....	27
Section E: Hot Tubs, Whirlpools, Saunas, Steam Rooms.....	31
Section F: Elevators.....	33
Section G: Bathrooms.....	35
Section H: Professional Behavior.....	39
Section I: Professional Support/Training.....	42
Section J: Policies.....	45
Section K: Programs.....	51
Section L: Swimming Pool.....	53
Section M: Parking.....	57
Section N: Telephones.....	59
Section O: Water Fountains.....	60
<b>Notes</b> .....	62
<b>Scoring Instructions</b> .....	63
Calculating Raw Score.....	63
Scoring Examples.....	64
Converting the Raw Scores into Scale Scores.....	66
Ancillary Scales.....	66
<b>List of Tables</b> .....	67
<b>ADA Accessibility Guidelines</b> .....	89
<b>Information Resources</b> .....	95
<b>Equipment Resources</b> .....	97

# **INTRODUCTION**

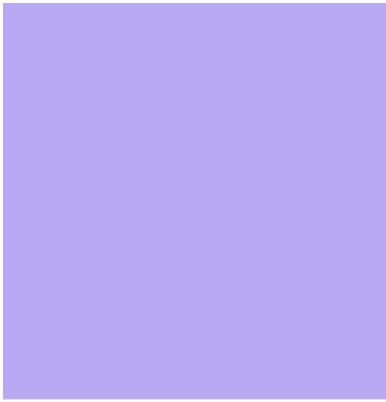
## **What is AIMFREE?**

Project AIMFREE (**A**ccessibility **I**nstruments **M**easuring **F**itness and **R**ecreation **E**nvironments) was a 3-year research project funded by the Centers for Disease Control and Prevention. The purpose of the project was to develop and validate a series of questionnaire measures that could be used by persons with mobility limitations and professionals (i.e., fitness and recreation center staff, owners of fitness centers, park district managers) to assess the accessibility of recreation and fitness facilities, including fitness centers, parks, swimming pools, and trails.

## **How Does AIMFREE Fit with the U.S. Access Board Guidelines?**

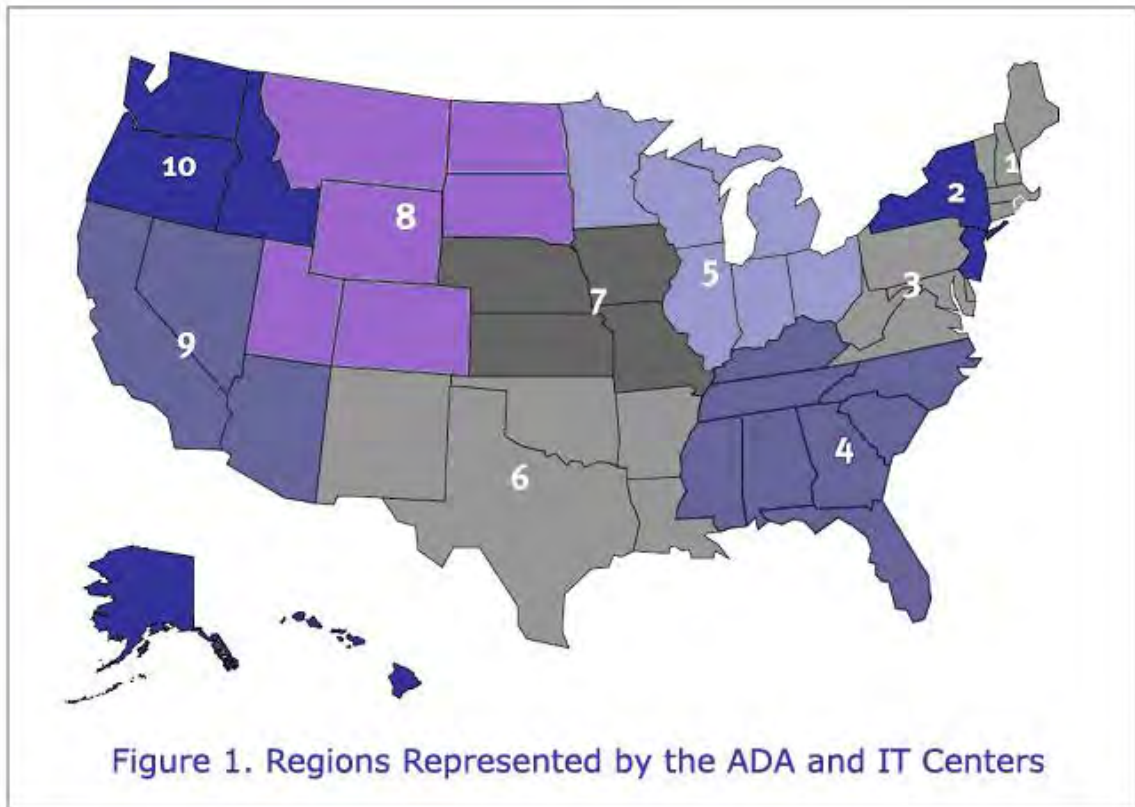
As a result of the strong need to increase accessibility of fitness and recreation facilities for people with disabilities, the U.S. Architectural and Transportation Barriers Compliance Board (known as the U.S. Access Board), an independent federal agency whose primary mission is to promote accessibility for individuals with disabilities, has approved guidelines in 2002 for fitness and recreation facilities. The chapter includes guidelines for amusement rides, boating facilities, fishing piers and platforms, golf courses and miniature golf, sports facilities (i.e., fitness centers), and swimming pools. While guidelines are a good starting point for addressing environmental barriers to participation, they only focus on one dimension of a facility's accessibility — the built environment. There are a host of other factors that affect successful participation that must be evaluated collectively to determine a facility's accessibility. The AIMFREE instruments have integrated the Access Board guidelines for assessing the built environment with six other factors that should be used to collectively assess accessibility at the intersection of the person and the environment. They are:

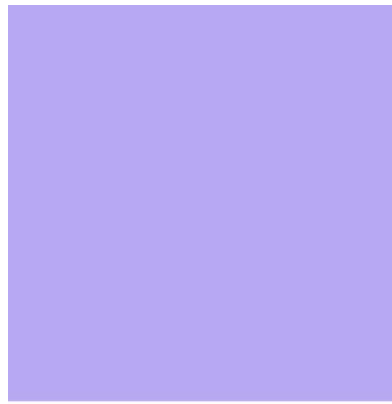
1. Equipment
2. Information
3. Programs
4. Policies
5. Professional Behavior
6. Professional Support and Training



## Who Participated?

Project AIMFREE involved extensive participation and input by persons with disabilities as well as professionals in the areas of architecture, fitness and recreation, city planning, and park district management. Persons with disabilities participated in focus groups that were conducted and coordinated through a network of 10 regional ADA and Technical Assistance Centers for the Americans with Disabilities distributed geographically across the United States (see Figure 1).





In addition to persons with disabilities, focus groups comprising of architects, facility designers, fitness professionals, and park district planners were held to ensure national and regional representation as well as representation of disability, business, and local government interests, all of which are crucial to the development of valid and reliable measures.

A final validation component was the use of the AIMFREE instrument by professionals and people with disabilities through site visits to various fitness and recreation centers across the country. During these site visits, persons with disabilities were given the opportunity to access various recreation and fitness facilities, including the use of exercise equipment, participation in fitness and recreation programs, and interaction with fitness/recreation staff members. The site visits led to the development of normative information (see Tables A-O, Scoring Section).

It is our hope that the development and application of these measures will eventually guide efforts to increase the accessibility of fitness and recreation facilities for ALL individuals, and will allow greater participation of persons with disabilities in the areas of health promotion and recreation.

# **SURVEY NOTES**

The Fitness Center Survey was designed to assess the accessibility of fitness centers and areas leading to and around the facility. The instrument was developed and validated primarily to assess Fitness Centers located in public facilities. While many, if not all, of the items in this instrument can be applicable to all Fitness Centers, some caution should be taken in interpreting scores from this instrument when assessing the facility.

# GLOSSARY OF TERMS

This glossary is designed to assist you in answering some of the questions in this survey. Several of the terms come from the ADA U.S. Access Board guidelines. Note that terms listed in this glossary are indicated with an asterisk (\*) in the instrument to allow you to refer back to this glossary for an explanation of the term.

## Access Route

A path or sidewalk leading directly to a facility entrance. Access routes can connect the entrance to facility parking, street parking adjacent to the facility, or a street sidewalk adjacent to the facility.

## Accessible Resistance Machines

Strength training machines that incorporate the majority of the following features when applicable: ability to use without having to transfer from an assistive device; ability to reach all adjustments from a seated position; ability to use all adjustments with minimal grip strength/fine motor control; use of color contrast; large print/Braille/raised lettering, and small weight increments (e.g. 5 lbs or less on upper body machines).

## Clear Space

Unobstructed area of the floor or ground.

## Clear Width

The unobstructed width of an area, entrance, or other physical feature of the facility. For **doors**, the clear width is the width of the door when open, including doorjamb, frame, hinges, and the part of the door (usually its thickness) that protrudes into the doorway. Essentially, it is the width of the passable area of the door. For **double doors**, the definition of clear width for doors applies, with the exception that only one of the double doors is measured. For **parking spaces**, the clear width is the width of the space within (not including) the lines or stripes that demarcate the space (see Figure 2). For **routes**, including access routes, aisles and corridors, it is the width of the passable, unobstructed portion of the route.

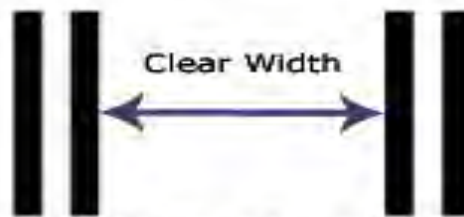


Figure 2. Clear Width



### **Combined Arm-Leg Ergometer**

A cardiovascular exercise machine that allows for the use of both the arms and the legs simultaneously or independently (arms only, legs only) while the user maintains the option of staying in a seated position.

### **Detectable Warning Texture**

An area consisting of raised, truncated domes, presented in a color that contrasts with the surrounding area, which are used to mark the location of curbs and pool edges.



Figure 3. Detectable Warning Texture

### **Holding Gloves/Wrist Cuffs**

A modality used to stabilize the hand and handgrip when using exercise equipment, particularly weights or weight machines.

### **Ledge**

A projection or ridge that immediately surrounds a swimming pool that swimmers can hold onto for balance or use to transfer out of the pool.

### **Low MPH Treadmill**

A treadmill that allows the user to walk at a rate of less than 1 mile per hour (MPH).

### **NCCA Accredited Fitness Certification**

The National Commission for Certifying Agencies (NCCA) is the accrediting body that evaluates certifications to determine if they are in compliance with a set of accepted standards. Some examples of the most widely recognized fitness-related certifications that are accredited by NCCA are: American College of Sports Medicine (ACSM) Certified Personal Trainer, National Academy of Sports Medicine (NASM) Certified Personal Trainer, and National Strength and Conditioning Association (NSCA) Certified Personal Trainer. The list of accredited certifications can be found at [www.noca.org](http://www.noca.org).

**Opened/Closed Captioning**

Captioning is text used to communicate audio features, including speech and non-speech elements. Closed captioning can be controlled by the viewer (turned on or off) while open captioning is always present and not controlled by the viewer.

**Pool Lift/Hoist**

Equipment operating above the pool deck that uses an independent power source to lower and raise people into the water. Individuals transfer onto the lift seat from their wheelchairs located on the pool deck.

**Power Assist**

A semi-automatic means of opening a door. When an individual pulls or pushes slightly on a power-assist door, a mechanism attached to the door will swing the door fully open, eliminating the need for additional manual force by the individual.

**Ramp Landing**

A level area or platform located at either end of a wheelchair ramp. Ramp landings should be at least as wide as the ramp itself and have sufficient length to accommodate a wheelchair.

**Signage**

Signs that provide identification, direction, warning, or announcements related to the facility and its programs. Unlike advertisements and posters, the purpose of signage is strictly to provide information.

**Slip-Resistant**

The determination of slip resistance is admittedly subjective and complex. The ADA guidelines generally recommend that surfaces should be hard, stable, and regular. Wet or highly polished surfaces should be avoided.

**Stairs with Handrails**

Accessible pool stairs are designed to provide assistance with balance and support from a standing position when moving from the pool deck into the water and out. ADAAG provisions for stairs include the requirement that all steps have uniform riser heights and uniform tread widths of not less than 11 inches, measured from riser to riser. Additionally, open risers are not permitted.

**Standing Frame**

A metal frame that is designed to hold a person who is paralyzed or unable to stand on his or her own.

**Tactile Maps**

Maps in which areas and routes are indicated by raised lines and surfaces, helping individuals with visual impairments orient themselves to the facility.

### **Therapeutic Pool**

A pool designed for rehabilitative or warm-water exercise, with water temperature higher than standard pools.

### **Three-Dimensional Maps**

See Tactile Maps.

### **Transfer Steps**

Steps that a person using a wheelchair or similar mobility device can transfer onto and use to enter a swimming pool. The top step is at a height similar to that of a wheelchair seat, allowing for easy transfer from wheelchair to steps. The steps usually have a handrail on one or both sides, allowing the individual to use his or her arms to descend into the pool.

### **Transfer Wall**

A transfer wall serves the same purpose as transfer steps. The height of the wall is similar to that of a wheelchair seat, allowing an individual who uses a wheelchair to easily transfer to the wall, from which the individual can descend into the pool.

### **Tread Width**

The tread is the horizontal portion of a step on which the foot rests. The tread width of a step is the distance from the step riser (the vertical part of the step/stairway) to the leading edge of the tread. In Figure 4, the arrowed line represents the tread width.

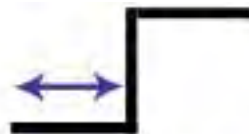


Figure 4. Tread Width

### **Wheelchair Accessible Ergometer**

To be considered wheelchair accessible, this cardiovascular exercise machine allows for use without the individual having to transfer out of his/her wheelchair, and all controls/adjustments are reachable from a seated position and operated with minimal grip strength/ fine motor control.

### **Zero-Depth Entry**

Refers to a section of the pool where the water depth at the pool entry/edge is shallow (zero or near zero depth) and gradually gets deeper, similar to a beach

# DEMOGRAPHICS

**Name of evaluator:**

**Date of evaluation:**

**Name of facility:**

**City:**

**State:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Area (check one):**

- Urban
- Suburban
- Rural

**Type of facility:**  
**(check all that apply)**

- For-Profit
- Non-Profit
- Fitness Center/Health Club
- Park District/Community Center
- Rehabilitation Facility
- Hospital Facility
- University/College
- Other \_\_\_\_\_

**Year facility was built:**

**Year of most recent renovation:**

**Facility size (square feet):**

**Number of members:**

**Average number of daily visits:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# DIRECTIONS

In the following survey, questions will require you to make observations, measurements and judgments about the accessibility of a recreation facility.

This survey is divided into several sections, with each section covering a specific area of the facility. You may use this survey in one of two ways: (1) by completing all sections of the survey, or (2) by completing one or a group of sections separately. In the first case, you will want to familiarize yourself with the sections of the survey by reviewing the Table of Contents, as the order in which you visit various areas of the facility may not correspond with the order of the sections in this survey.

If you desire to take notes while assessing the facility, a blank page has been provided at the end of the survey.

Please note:






- It is critical that each accessibility feature be in working order and is usable by the consumer. Therefore, if an accessibility feature is present but not in working order, you should answer as if the feature was not there and make a note of this. For example, in question #9, Section A, asks “Is a pushbutton available to open entrance doors?” If the pushbutton is available but is not in working order, you should answer “no” to this question.
- Words marked with an asterisk (\*) are listed in the Glossary of Terms.






- Indicates that measurement is required, either with a tape measure or a device that measures slope. See the Equipment Resources section for information about tools to measure slope.

## Section A: Access Routes\* and Entrance Areas

### Access Routes\* and Walkways





	Yes	No	N/A
 1. Is the running slope of access routes* greater than 5% (1-foot rise in 20-foot run)?	1	2	3
 2. Is the cross or side-to-side slope of access routes* greater than 2% (1-foot rise in 50 foot run)?	1	2	3
3. Are access routes*, particularly those marked as accessible, free from obstacles?	1	2	3
4. Are accessible routes clearly marked by signage*?	1	2	3
 5. Are access routes* at least 5 feet wide? <b>If yes, score two points and go to question 6.</b>	1	2	3
 a) Do they have passing spaces at intervals of 200 feet or less?	1	2	3
 b) Do they have passing spaces that are at least 5 feet wide <u>and</u> 5 feet long/deep?	1	2	3
6. Does an accessible path of travel lead from the street or sidewalk to a facility entrance?	1	2	3
7. Can doors, particularly those marked as accessible, be opened without knobs, handles or locks that require grasping or twisting?	1	2	3
8. Do entrance doors open automatically through the use of a sensor or electronic device?	1	2	3

## Section A: Access Routes\* and Entrance Areas


	Yes	No	N/A
9. Is a push button available to open entrance doors?	1	2	3
10. Do entrance doors have power assist*?	1	2	3
 11. Do entrance door thresholds have a lip at the bottom that is 3/4-inch or less?	1	2	3
 12. Do entrance doors have a clear width* greater than 32 inches when open?	1	2	3
13. Is there at least one accessible entrance on the ground floor of the facility?	1	2	3
14. Are facility entrances that are connected to an accessible route also accessible?	1	2	3
15. Do entrances have a front approach, in which the access route brings individuals directly in front of the entrance? <b>If no or not applicable, score one point and go to question 16.</b>	1	2	3
 a) Is the space in front of doors level?	1	2	3
16. Is there a series of doors required to enter the building? <b>If no or not applicable, go to question 17.</b>	1	2	3
a) Do the doors swing in the same direction?	1	2	3

## Section A: Access Routes\* and Entrance Areas

### **Curb Cuts**

	Yes	No	N/A
17. Do curb cuts have a detectable warning texture*? <b>If no or not applicable, go to question 18.</b>	1	2	3
a) Does the warning texture* extend the full width of the ramp?	1	2	3
 b) Does the warning texture* extend 24 inches in length from the curb?	1	2	3
 18. Is the lip at the base of the curb ramp 1/4-inch or less?	1	2	3
 19. Is the slope of curb cuts greater than 8.33% (12 inch rise in 12 foot run)?	1	2	3
 20. Is the slope of the flared sides of curb cuts greater than 10% (1-inch rise in 10 inches run)?	1	2	3

### **Pedestrian Ramps**


21. Do access routes* include steps? <b>If no or not applicable, score six points and go to question 22.</b>	1	2	3
a) Are step edges marked with a brightly colored and/or tactile surface?	1	2	3
b) Is there a pedestrian ramp adjacent to the steps? <b>If no or not applicable, go to question 22.</b>	1	2	3
 i) Is the cross (side-to-side) slope of ramp runs 2% (1-inch rise in 50 inch run) or less?	1	2	3






## **Section A: Access Routes\* and Entrance Areas**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
ii) Does the ramp change directions?	1	2	3
iii) If the ramp changes directions, are landings* placed along the ramp where direction changes occur?	1	2	3

**Score 1 point for a highlighted answer to either ii or iii.**

 c) Do pedestrian ramps that are longer than 6 feet have handrails on both sides of the ramp?	1	2	3
d) Are pedestrian ramps made from a non-slip* material?	1	2	3



### **Entrance Areas**

 22a. Does the service desk/counter have a section that is 3 feet high or less?	1	2	3
 22b. Does the service desk/counter have a clear width* of at least 3 feet?	1	2	3
23. Does the facility have adequate lighting?	1	2	3
24. Can users adjust light levels or can users request lighting-level adjustments in different areas?	1	2	3
25. In your judgment, if the facility has carpeting, does the carpeting make wheelchair travel difficult?	1	2	3
26. Are area carpets/pads fastened to the floor?	1	2	3
27. Is the flooring slip-resistant*?	1	2	3
 28. Is there at least 6 feet of clear width* in facility corridors, allowing two persons who use wheelchairs to pass?	1	2	3

**Section A: Access Routes\* and Entrance Areas**

	Yes	No	N/A
29. Are there changes in elevation in the facility that require steps? (Do not consider changes that can be traveled through the use of an elevator.)	1	2	3
30. If there are changes in elevation inside the facility that require steps (as described above), is there a wheelchair-accessible ramp adjacent to the steps?	1	2	3





**Score 1 point for a highlighted answer to either 29 or 30.**

 31a. If the facility has a snack or juice bar, does the counter at the bar have a portion that is 3 feet high or less.	1	2	3
 31b. If the facility has a snack or juice bar, does it have a clear width* of at least 3 feet?	1	2	3



32. Using the scale below, please rate the overall accessibility of the facility's access routes\* and entrance area. Check the appropriate number:

Not at all accessible		←————→					Completely accessible	
1	2	3	4	5	6	7		

## **Section B: Equipment**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
1. Are there doors leading to the exercise equipment room? <b>If no or not applicable, score three points and go to question 2.</b>	1	2	3
a) Do the doors open automatically or remain open at all times?	1	2	3
 b) Do the doors have a clear width* greater than 2 feet 8 inches?	1	2	3
 c) Do the doors have a threshold that is 1/2-inch high or less?	1	2	3
 2. For each type of exercise equipment in the facility, is there at least one machine that has an adjacent clear space* that is at least 2 feet 6 inches wide <u>and</u> 4 feet long?	1	2	3
3. Is there at least one mode or path of access to each type of exercise equipment for individuals using a wheelchair?	1	2	3
4. Are the paths around exercise equipment free from obstacles?	1	2	3
5. Are the routes to exercise equipment made from a slip-resistant surface?	1	2	3
6. Is exercise equipment arranged in rows? <b>If no or not applicable, score two points and go to question 7.</b>	1	2	3
 a) Is there an area between each row that has a 5 foot diameter clear turning radius?	1	2	3
b) Is there an unobstructed path between and around the rows?	1	2	3

## Section B: Equipment

	Yes	No	N/A
 7. Does the path adjacent to the equipment have a clear width* of at least 3 feet?	1	2	3
 8. Are seats on exercise equipment at least 18 inches wide?	1	2	3
a) Can the seat height of equipment be adjusted?	1	2	3
9. Do any of the machines with seats provide back support?	1	2	3
10. Are there pieces of exercise equipment that allow you to reach the following elements from a seated position?			
a) Handles	1	2	3
b) Grips	1	2	3
c) Controls	1	2	3
11. If exercise equipment has handgrips or handles, can they be moved out of the way in order for individuals to transfer onto the equipment?	1	2	3
12. Does the facility provide exercise equipment that does not require transferring from wheelchair to machine?	1	2	3
13. Are there machines that allow individuals to change settings, (e.g., weight settings) without transferring off of the machine?	1	2	3
14. Is the lightest setting on weight machines suitable for individuals who are not used to exercising or may have low strength levels?	1	2	3
EXAMPLE: LOWEST SETTING ON WEIGHT MACHINE IS 5 POUNDS, WITH WEIGHT ADDED IN 2 TO 5 POUND INCREMENTS.			

## **Section B: Equipment**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
15. Are the following pieces of exercise equipment/assistive devices available in the facility?			
a) Accessible resistance machines*	1	2	3
b) Arm-crank ergometer	1	2	3
c) Combined arm-leg ergometer*	1	2	3
d) Strength training equipment with swing-away seats	1	2	3
e) Recumbent bikes	1	2	3
f) Other exercise equipment with swivel chair	1	2	3
g) Wheelchair accessible ergometer*	1	2	3
h) Wheelchair rollers	1	2	3
i) Low MPH treadmill*	1	2	3
j) Parallel bars	1	2	3
k) Drop rings	1	2	3
l) Light hand weights ( $\leq 2$ lb)	1	2	3
m) Wrist weights	1	2	3
n) Medicine balls	1	2	3
o) Padded mats	1	2	3
p) Standing frame*	1	2	3
q) Gloves or equipment handles with Velcro or similar assistive devices for gripping objects more firmly?	1	2	3
r) Straps	1	2	3

## Section B: Equipment

	Yes	No	N/A
s) Transfer board	1	2	3
t) Wrist cuffs/holding gloves*	1	2	3

### **Cardio Equipment** (treadmill, stair stepper, exercise cycle)

16. Does the facility have cardio exercise equipment? <b>If no or not applicable, go to question 17.</b>	1	2	3
a) On machines requiring pedaling, are mechanisms readily available to fasten feet to the pedals?	1	2	3
b) On machines requiring gripping onto handlebars, are mechanisms available such as gloves with Velcro or handlebars with rubber to make gripping easier?	1	2	3
c) Are alternative formats used for descriptions of controls on exercise equipment? (Indicate specific alternative formats below) <b>If no or not applicable, go to question 16d.</b>	1	2	3
i) Braille	1	2	3
ii) Large print	1	2	3
iii) Raised lettering	1	2	3
iv) Pictograms	1	2	3
v) Audio	1	2	3
vi) Other Please specify: _____	1	2	3
d) In your judgment, are buttons and displays on exercise equipment easily readable?	1	2	3
e) Are buttons on equipment raised from the panel surface?	1	2	3
f) Does exercise equipment provide audible cues?	1	2	3



EXAMPLE: CUES SIGNALING CHANGES IN SPEED OR GRADE ON TREADMILL.

**Section B: Equipment**

17. Using the scale below, please rate the overall accessibility of the facility's equipment. Check the appropriate number:



Not at all accessible ←————→ Completely accessible						
1	2	3	4	5	6	7

**Section C: Information**

	Yes	No	N/A
1. Are the following cues used to orient individuals as to their current location in the building and to various sections of the facility:			
a) Visual cues	1	2	3
b) Tactile cues	1	2	3
EXAMPLE: SIGNS STATING LOCATION IN TEXT AND BRAILLE.			
2. Is information posted on marquees or bulletin boards available in alternative formats? (Indicate specific alternative formats below) <b>If no or not applicable, go to question 3.</b>	1	2	3
a) Braille	1	2	3
b) Large print	1	2	3
c) Raised lettering	1	2	3
d) Audio	1	2	3
3. Do signs directing individuals to various areas of the facility use pictograms or images that describe these areas visually?	1	2	3
EXAMPLE:  			
4. Are tactile/three-dimensional maps* available to help individuals with disabilities orient themselves to the facility?	1	2	3



## Section C: Information

	Yes	No	N/A
5. Is signage* provided in order to distinguish between accessible areas/facilities and non-accessible areas/facilities?	1	2	3
 6. Is the text used for signs between 5/8-inch and 2 inches high?	1	2	3
7. Is the text used for signs in all capital letters?	1	2	3
8. Is the text used for signs in a sans-serif font? (See examples of serif and sans serif fonts below):  EXAMPLE: Serif: TCP San serif: TCP	1	2	3
9. Do room identification signs have raised characters or symbols?	1	2	3
10. Are signs printed with light-colored characters on a dark background?	1	2	3
11. Do televisions and multimedia utilize opened/closed captioning*?	1	2	3
 12. Is the distance from the middle of the wall signs to the floor 5 feet or less?	1	2	3
13. Are room signs placed along the latch side of the door?	1	2	3
14. In your judgment, do signs have glare-free surfaces?	1	2	3

**Section C: Information**







	Yes	No	N/A
15. Are brochures and other literature pertaining to the facility readily available?	1	2	3
<p>EXAMPLE: LOCATED AT THE FRONT DESK, INFORMATION CENTER OF THE FACILITY OR ELECTRONICALLY.  <b>If no or not applicable, go to question 16.</b></p>			
a) If written materials feature images of individuals using the facility, do some of the images include individuals with disabilities?	1	2	3
b) Do brochures and other literature indicate that individuals with disabilities are welcome to use the facility and participate in facility programs?	1	2	3
c) Does language in program brochures indicate that the facility complies with Americans with Disabilities Act standards?	1	2	3

16. Using the scale below, please rate the overall accessibility of the facility's information. Check the appropriate number:







Not at all accessible							←————→	Completely accessible								
1		2	3	4	5	6	7									

## Section D: Locker Rooms and Showers




### Locker Rooms

	Yes	No	N/A
1. Does the facility have a locker room? <b>If no or not applicable, go to question 23.</b>	1	2	3
2. Are there doors leading to the locker room? <b>If no or not applicable, score four points and go to question 3.</b>	1	2	3
a) Do the doors open automatically through the use of a sensor or electronic device?	1	2	3
b) Is a pushbutton available to open the doors?	1	2	3
 c) Do the doors have a clear width* greater than 2 feet 8 inches?	1	2	3
 d) Do the doors have a threshold that is 1/2-inch high or less?	1	2	3
 3. Is there a clear path leading from the locker room entrance to the lockers that is at least 3 feet wide?	1	2	3
 4. If there is a path from the locker room to the bathroom, does the path have a clear width* of at least 3 feet?	1	2	3
 5. If there is a path from the locker room to the showers, does the path have a clear width* of at least 3 feet?	1	2	3
 6. If there is a path from the locker room to one or more facility use area, does the path have a clear width* of at least 3 feet?	1	2	3
7. Are paths leading from the locker room to other areas of the facility free from obstacles?	1	2	3



## **Section D: Locker Rooms and Showers**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
 8. Is there a path with a clear width* of at least 3 feet between the lockers and benches?	<b>1</b>	<b>2</b>	<b>3</b>
9. Are paths leading directly to lockers free from obstacles?	<b>1</b>	<b>2</b>	<b>3</b>
 10. Are there lockers in which the distance from the middle of locker door handles to the floor is 2 feet or less?	<b>1</b>	<b>2</b>	<b>3</b>
11. Can the highest lockers be opened from the position of an individual using a wheelchair?	<b>1</b>	<b>2</b>	<b>3</b>
12. Is the lowest locker at a height of 3 feet or less?	<b>1</b>	<b>2</b>	<b>3</b>
13. Do locker door handles require grasping, pinching, twisting, or pulling with the fingers to open?	<b>1</b>	<b>2</b>	<b>3</b>
 14. Are dressing benches at least 2 feet deep?	<b>1</b>	<b>2</b>	<b>3</b>
 15. Are dressing benches at least 4 feet wide?	<b>1</b>	<b>2</b>	<b>3</b>
 16. Are dressing benches between 17 and 19 inches from the floor to the top of the bench?	<b>1</b>	<b>2</b>	<b>3</b>
 17. Is there at least 3 feet of clear space* between benches and other obstacles?	<b>1</b>	<b>2</b>	<b>3</b>

## Section D: Locker Rooms and Showers

	Yes	No	N/A
18. Is companion seating available adjacent to wheelchair spaces in front of accessible lockers?	1	2	3
19. Is there an accessible scale for weighing an individual seated in a wheelchair?	1	2	3
20. Are wheelchair spaces in front of accessible lockers connected to an accessible route?	1	2	3
21. Does the facility have private family changing rooms?	1	2	3
22. Does the locker room have private changing rooms?	1	2	3
<b>Showers</b>			
23. Does the facility have showers? <b>If no or not applicable, go to section E.</b>	1	2	3
 a) Do shower stall entrances have a clear width* of at least 3 feet?	1	2	3
 b) Does the shower spray unit have a hose at least 5 feet long?	1	2	3
c) Can the shower spray unit be used as a hand-held device?	1	2	3
 d) When used as a fixed showerhead, is the shower spray unit 4 feet or less from the floor?	1	2	3
e) Can shower water temperature be adjusted prior to getting into the shower?	1	2	3

## Section D: Locker Rooms and Showers

	Yes	No	N/A
f) Are the shower controls operable with one closed fist?	1	2	3
g) Is there at least one shower stall where an individual using a wheelchair can roll into the shower?	1	2	3
h) Does the shower stall have grab bars on the wall opposite the showerhead?	1	2	3
i) Are grab bars placed on the sidewall(s)?	1	2	3
 j) Are grab bars 33 to 36 inches from the floor?	1	2	3
 k) Are grab bars at least 3 feet long?	1	2	3
l) Is a fold seat or free shower bench available?	1	2	3

24. Using the scale below, please rate the overall accessibility of the facility's locker rooms and showers. Check the appropriate number:

Not at all accessible		←————→					Completely accessible	
1	2	3	4	5	6	7		







**Section E: Hot tubs, Whirlpools, Saunas, Steam Rooms**

	Yes	No	N/A
1. Does the facility have a hot tub or whirlpool? <b>If no or not applicable, go to question 3.</b>	1	2	3
a) Is there a ramp leading to the hot tub or whirlpool area?	1	2	3
b) Can the water temperature of the hot tub or whirlpool be adjusted from within the unit?	1	2	3
c) Are controls operable with a closed fist?	1	2	3
d) Is a thermometer measuring water temperature visible from within the unit?	1	2	3

2. Using the scale below, please rate the overall accessibility of the facility's hot tub or whirlpool. Check the appropriate number:

Not at all accessible							←————→	Completely accessible						
1		2	3	4	5	6	7							

**Section E: Hot tubs, Whirlpools, Saunas, Steam Rooms**




	Yes	No	N/A
3. Does the facility have a sauna or steam room? <b>If no or not applicable, go to Section F.</b>	1	2	3
a) Are there doors leading to the sauna or steam room? <b>If no or not applicable, score four points and go to question 3b.</b>	1	2	3
 i) Do the doors have power assist*?	1	2	3
 ii) Do the doors have a clear width* greater than 2 feet 8 inches?	1	2	3
 iii) Do the doors have a threshold that is 1/2-inch high or less?	1	2	3
 iv) Is there a clear maneuvering space in front of the doors that is at least 5 feet wide <u>and</u> at least 5 feet long/deep?	1	2	3
 b) Are bench tops 17 to 19 inches high from the floor?	1	2	3
 c) Are benches at least 2 feet deep?	1	2	3
d) Is there a place to park a wheelchair so it doesn't get hot?	1	2	3
e) Is there an emergency button in the sauna/steam room?	1	2	3

4. Using the scale below, please rate the overall accessibility of the facility's sauna or steam room. Check the appropriate number:

Not at all accessible		←————→					Completely accessible	
1	2	3	4	5	6	7		



## Section F: Elevators

	Yes	No	N/A
Does the facility have more than 1 floor?	1	2	3
1. Are there elevators in the facility? <b>If no or not applicable, go to section G.</b>	1	2	3
a) Are elevators located in an accessible path of travel?	1	2	3
b) Are floor numbers clearly marked by the elevators?	1	2	3
c) Is there a visual signal on each floor indicating which elevator is approaching?	1	2	3
d) Do visual signals indicate the direction of the approaching elevator?	1	2	3
 e) Are visual signals in hallways 6 feet or higher from the floor or ground?	1	2	3
f) Is there an audible signal on each floor indicating that an elevator is approaching?	1	2	3
g) Do audible signals provide verbal information as to the direction of the approaching elevator, OR is one sound made for up direction and two sounds for down direction?	1	2	3
h) Do floor buttons inside the elevator have visual indicators to show each floor destination?	1	2	3
i) Are floor button visual indicators extinguished when the elevator reaches each selected floor?	1	2	3
j) Do elevator cars have audible signals indicating the floor number at each stop?	1	2	3
k) Do elevator buttons have raised characters?	1	2	3
 l) Are raised button characters in the elevator at least 3/4 inches high?	1	2	3
 m) Are raised and Braille characters on elevator hoist way jambs at least two inches high?	1	2	3

## Section F: Elevators

		Yes	No	N/A
	n) Are raised designations for control buttons placed immediately to the left of the button to which they apply?	1	2	3
⠠	o) Is the centerline of the highest raised button characters 5 feet or less from the floor?	1	2	3
	p) Are control buttons in elevators designated by Braille?	1	2	3
	q) When elevator doors are closing, do the doors reopen when someone crosses the elevator threshold?	1	2	3
⠠	r) Are elevator emergency communication buttons 35 to 48 inches from the floor?	1	2	3
	s) Are grab bars provided on each sidewall of elevator cabs?	1	2	3
⠠	t) Are grab bars mounted 32 to 36 inches above the floor?	1	2	3
⠠	u) When the elevator is open, is the clear width*of the elevator door at least 3 feet ?	1	2	3
⠠	v) Is the width of the elevator car at least 6 feet 8 inches?	1	2	3







2. Using the scale below, please rate the overall accessibility of the facility's elevator. Check the appropriate number:

Not at all accessible		←————→					Completely accessible	
1	2	3	4	5	6	7		




## **Section G: Bathrooms**

If the facility has multiple bathrooms, please assess the most appropriate bathroom regarding consumer ease of use. That is, assess whichever bathroom lies within the general paths of travel that consumers utilize within the facility.

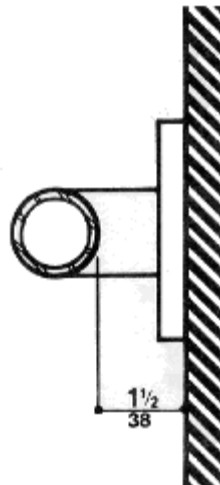
Please indicate the location (locker room, front lobby, family changing room, etc) of the bathroom you assess. \_\_\_\_\_

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
1. Do the bathroom doors have power assist*?	1	2	3
2. Is a pushbutton available to open the doors?	1	2	3
3. Do the bathroom doors open automatically?	1	2	3
 4. Do bathroom doors have a clear width* greater than 2 feet 8 inches?	1	2	3
 5. Is there an unobstructed turning radius of at least 5 feet in front of restroom doors?	1	2	3
 6. Do toilet stall doors have a clear width* of at least 3 feet?	1	2	3
7. Do toilet stall doors swing towards the area outside of the stall?	1	2	3
 8. Are accessible toilet stalls at least 5 feet wide <u>and</u> at least 5 feet long/deep?	1	2	3
 9. Is the distance from the center of the toilet to the stall wall at least 18 inches?	1	2	3
 10. Are flush controls mounted 3 feet 8 inches or less above the floor?	1	2	3








## Section G: Bathrooms

	Yes	No	N/A
 11. Is the toilet seat 17 to 19 inches high from the floor?	1	2	3
 12. Is the center of toilet paper dispensers 19 inches or less from the floor?	1	2	3
13. Does the toilet paper dispenser provide a continuous paper flow?	1	2	3
14. Does the toilet stall door have a latch or handle near the doorjamb to aid in closing the door from the inside?	1	2	3
15. Are grab bars installed within the accessible stall(s)? <b>If no or not applicable, go to question 16.</b>	1	2	3
a) Is a grab bar mounted on the wall behind the toilet?	1	2	3
b) Are grab bars mounted on the stall sidewalls?	1	2	3
 c) Are grab bars 1½ inches from the stall wall to which they are mounted?	1	2	3





EXAMPLE: CROSS-SECTION VIEW OF GRAB BAR WITH SIDE WALL ON RIGHT OF FIGURE.



## **Section G: Bathrooms**

		<b>Yes</b>	<b>No</b>	<b>N/A</b>
	d) Are sidewall grab bars between 40 and 42 inches long?	<b>1</b>	<b>2</b>	<b>3</b>
	e) Is the distance from the back of the stall to the far end of sidewall grab bars 12 inches or less?	<b>1</b>	<b>2</b>	<b>3</b>
	f) Are grab bars mounted 33 to 36 inches from floor?	<b>1</b>	<b>2</b>	<b>3</b>
	16. Is the bathroom floor slippery?	<b>1</b>	<b>2</b>	<b>3</b>
	17. Are hot water pipes and abrasive surfaces below the sink insulated?	<b>1</b>	<b>2</b>	<b>3</b>
	18. Are towel dispensers and/or hand dryers easy for a wheelchair user to reach?	<b>1</b>	<b>2</b>	<b>3</b>
	19. Is the bottom edge of mirrors 3 feet 4 inches or less from the floor?	<b>1</b>	<b>2</b>	<b>3</b>
	20. Is there a clear floor space that is at least 2 feet 6 inches wide <u>and</u> at least 4 feet long/deep for front approach to sinks?	<b>1</b>	<b>2</b>	<b>3</b>
	21. Is there a clear floor space that is at least 2 feet 6 inches wide <u>and</u> at least 4 feet long for front approach to paper dispensers and/or hand dryers?	<b>1</b>	<b>2</b>	<b>3</b>
	22. Is there a clear floor space that is at least 2 feet 6 inches wide <u>and</u> 4 feet long/deep for front approach to mirrors?	<b>1</b>	<b>2</b>	<b>3</b>

**Section G: Bathrooms**

	Yes	No	N/A
 23. Is the sink counter 2 feet 10 inches or less above the floor?	1	2	3
 24. Is the knee space below the sink at least 2 feet 6 inches wide?	1	2	3
 25. Is the knee space below the sink at least 19 inches deep (from the front surface of the sink/counter to the pipes under the sink)?	1	2	3
 26. Is the sink depth 6.5 inches or less?	1	2	3

27. Using the scale below, please rate the overall accessibility of the facility's bathroom. Check the appropriate number:

Not at all accessible							←————→	Completely accessible						
1		2	3	4	5	6	7							

## **Section H: Professional Behavior**

**N=Never    R=Rarely    S=Sometimes    M=Most of the time**

Directions: Using the answer key above, please answer the following items after you have met with staff members working within the facility. The Professional Behavior section is most appropriate when you have observed staff interacting with people with disabilities. If not applicable go to section L.

Note: Items that are negatively scored (see Scoring section for additional information) are denoted with a minus sign (-) at the end of the question, whereas positively scored items have a plus sign (+) at the end of the question.

1. Was staff available to assist consumers? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

2. Was staff willing to assist consumers? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

3. Did the staff member(s) who helped consumers have good ideas on how to improve their fitness? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

4. During the tour of the facility, did the staff member(s) present instructions and other information to consumers in a clear manner? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

5. Did the staff member(s) make eye contact when speaking to consumers? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

6. If a personal assistant accompanied consumer(s) to the facility, did staff talk directly to the personal assistant rather than to the consumer? (-)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

## **Section H: Professional Behavior**

7. Did you feel that the staff was impatient with consumers? (-)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

8. Were consumers allowed to try various pieces of exercise equipment during their visit to the facility? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

9. Did staff members ask consumers if they needed assistance before attempting to help them? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

10. Did staff members appear uncomfortable or impatient when helping consumers? (-)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

11. Did staff members who assisted consumers ever speak in a condescending tone? (-)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

12. Did staff members appear uncomfortable with consumers being in the facility? (-)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

13. When consumers requested assistance from a staff member, did the staff member take a "passive" approach? (-)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

14. Did you feel that consumers received helpful feedback from the facility staff? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M



## **Section H: Professional Behavior**

15. Did you feel that staff members were supportive to consumers? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

16. Did you feel that staff members were encouraging to consumers? (+)

\_\_\_\_\_ N \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ M

17. Using the scale below, how would you rate the general accessibility of staff behaviors? Check the appropriate number:

Not at all accessible ←————→ Completely accessible						
1	2	3	4	5	6	7

## **Section I: Professional Support/Training**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
1. Have staff members encountered difficulties in helping individuals with disabilities in the facility?	1	2	3
2. If difficulties are encountered in helping individuals with disabilities, are staff members able to receive emotional and/or instructional support?	1	2	3
<b>Score 1 point for a highlighted answer to either 1 or 2.</b>			
3. Does your facility have a medical reference book on disability and associated conditions?	1	2	3
4. Is staff trained in the performance of wheelchair transfers?	1	2	3
5. Does your facility have a training manual or textbook on working with individuals with disabilities related to fitness programming?	1	2	3
6. Do staff members receive training (e.g., workshops, in-services) on communicating with people with disabilities?	1	2	3
7. Do staff members receive training on providing accommodations to persons with disabilities?	1	2	3
8. When a person with a disability requests directions to the facility, are staff members familiar with accessible public transportation routes, including nearest bus or train stops near the facility?	1	2	3

## **Section I: Professional Support/Training**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
9. Do staff members attend conferences or continuing education classes regarding the accessibility of fitness facilities?	1	2	3
10. Do staff members receive basic information on medications and their effects during exercise?	1	2	3
11. Are staff members knowledgeable about medical conditions and medications such as:			
a) Autonomic dysreflexia	1	2	3
b) Beta blockers	1	2	3
c) Diabetes	1	2	3
d) Behavioral problems	1	2	3
e) Seizures	1	2	3
f) Sodium retention	1	2	3
g) High blood pressure	1	2	3
h) Common secondary conditions associated with disability	1	2	3
12. Is there a staff member on site that has training or certification in the following areas:			
a) ACSM Certified Inclusive Fitness Trainer	1	2	3
b) Adapted physical education	1	2	3
c) Clinical exercise physiology	1	2	3
d) Kinesiotherapy	1	2	3
e) NCCA accredited fitness certification (e.g. ACSM, NSCA, NASM, etc)*	1	2	3
f) Occupational therapy	1	2	3
g) Physical therapy	1	2	3
h) Therapeutic recreation	1	2	3

## **Section I: Professional Support/Training**

13. Using the scale below, how do you feel about the overall level of professional support and training in the facility? Check the appropriate number:

Not at all professional ←————→ Completely professional						
1	2	3	4	5	6	7

## Section J: Policies

	Yes	No	N/A
1. Are service animals allowed in your facility?	1	2	3
2. Is information available in an alternative format upon request? (Indicate specific alternative formats below) <b>If no or not applicable, go to question 3.</b>	1	2	3
a) Braille	1	2	3
b) Large print	1	2	3
c) Raised lettering	1	2	3
d) Pictograms	1	2	3
e) Audio	1	2	3
f) Other Please specify: _____	1	2	3
3. When your facility is about to undergo structural modifications, are individuals with disabilities invited to provide input?	1	2	3
4. Does your facility have a mission statement indicating that the inclusion of persons with disabilities is a facility goal?	1	2	3
5. Will you allow a consumer's personal assistant to enter the facility without incurring additional charges?	1	2	3
6. Can a consumer's personal assistant be allowed to attend facility programs without incurring additional charges?	1	2	3

## **Section J: Policies**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
7. Can membership fees be pro-rated based upon how much of the facility is accessible or equipment is usable by persons with disabilities?	<b>1</b>	<b>2</b>	<b>3</b>
8. Does anything related to a person's disability ever require a higher membership fee?	<b>1</b>	<b>2</b>	<b>3</b>
9. Is the accessibility of the facility periodically reviewed?	<b>1</b>	<b>2</b>	<b>3</b>
10. Does the facility require staff to be trained in basic first aid?	<b>1</b>	<b>2</b>	<b>3</b>
11. Does your facility advertise its accessible services?	<b>1</b>	<b>2</b>	<b>3</b>
12. Are tours of the facility regarding its accessibility features provided to persons with disabilities?	<b>1</b>	<b>2</b>	<b>3</b>
13. Does your facility refer individuals to healthcare specialists such as dieticians and therapists upon request?	<b>1</b>	<b>2</b>	<b>3</b>
14. Does your facility keep a list of assistive device manufacturers that can be provided upon request?	<b>1</b>	<b>2</b>	<b>3</b>
15. Can consumers receive a complete list of the accessible exercise equipment available at your facility?	<b>1</b>	<b>2</b>	<b>3</b>

## **Section J: Policies**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
16. Are complimentary visits allowed in order for persons with disabilities to assess whether your facility meets their needs?	1	2	3
17. Does at least one person with a disability serve on your facility's advisory board or committee?	1	2	3
18. Has your facility ever received a complaint regarding its accessibility?	1	2	3
19. If your facility receives a complaint regarding its accessibility, is there a formal process for handling that complaint?	1	2	3
a) Are complaints regarding accessibility reviewed in a timely manner?	1	2	3
b) After a complaint regarding accessibility is reviewed, is a summary of the review given to the person who filed the complaint?	1	2	3
20. Does your facility actively seek input from persons with disabilities regarding the creation of new programs?	1	2	3
21. When determining where to host a recreation program, are accessible sites always chosen?	1	2	3
22. Would management assign additional staff members if a number of persons with disabilities expressed interest in their fitness services?	1	2	3

## **Section J: Policies**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
23. Would management pay or provide release time for staff to attend continuing education activities related to working with persons with disabilities?	<b>1</b>	<b>2</b>	<b>3</b>
24. Does your facility's marketing plan include persons with disabilities as a targeted population?	<b>1</b>	<b>2</b>	<b>3</b>
25. If your facility is not accessible for a particular consumer, is information readily available concerning the location of accessible facilities in the vicinity?	<b>1</b>	<b>2</b>	<b>3</b>
26. Has your facility designated an employee to oversee the facility's compliance with the Americans with Disabilities Act?	<b>1</b>	<b>2</b>	<b>3</b>
27. If your facility has adaptive equipment, is it readily available in the area where it is used?	<b>1</b>	<b>2</b>	<b>3</b>
28. Is the number of paid staff adequate to meet the needs of persons with disabilities who use your facility?	<b>1</b>	<b>2</b>	<b>3</b>
29. When the number of paid staff is not adequate to meet the needs of consumers with disabilities, does your facility recruit more volunteers or staff?	<b>1</b>	<b>2</b>	<b>3</b>
<b>Score 1 point for a highlighted answer to either 28 or 29.</b>			
30. Does exercise equipment receive timely preventive maintenance?	<b>1</b>	<b>2</b>	<b>3</b>



## **Section J: Policies**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
31. Is information available to consumers about making the transition from rehabilitation to community-based fitness activities or programs?	<b>1</b>	<b>2</b>	<b>3</b>
32. Is staff kept up to date on the latest adapted equipment by attending conferences and workshops?	<b>1</b>	<b>2</b>	<b>3</b>
33. Are new employees provided with instruction on how to assist in the transfer of individuals with mobility impairments in and out of the pool?	<b>1</b>	<b>2</b>	<b>3</b>
<b>Swimming Pool Policies</b> (If no swimming pool, skip to Section K)			
34. Is the pool's water temperature kept between 84 and 92 degrees Fahrenheit (33 and 37 degrees Celsius) when it is in use?	<b>1</b>	<b>2</b>	<b>3</b>
35. If the pool is wheelchair-accessible, is adaptive equipment available, such as aquatic chairs, to facilitate entering and exiting the pool?	<b>1</b>	<b>2</b>	<b>3</b>
36. Does the facility allow persons who use wheelchairs to enter swimming pools using their own wheelchairs?	<b>1</b>	<b>2</b>	<b>3</b>
37. Are lifeguards available to provide assistance and training?	<b>1</b>	<b>2</b>	<b>3</b>
38. Does the facility have an Aquatics Facility Operator (AFO)?	<b>1</b>	<b>2</b>	<b>3</b>
39. Do any staff members in the facility have training in adapted aquatics?	<b>1</b>	<b>2</b>	<b>3</b>

**Section J: Policies**

	Yes	No	N/A
40. Does the facility provide water joggers?	1	2	3
41. Does the facility provide shortee-vests that help to keep swimmers warm?	1	2	3
42. Does the facility provide swim rings for chest or torso support?	1	2	3
43. Are floatation devices allowed during swimming programs and lessons?	1	2	3
44. If applicable, is a buddy system used during swimming programs and lessons?	1	2	3
45. Does the swim program cover the use of nontraditional swim strokes (e.g., dog paddle)?	1	2	3
46. If applicable, is enough time given for program participants with disabilities to change and enter the pool prior to the start of the class/program?	1	2	3

47. Using the scale below, how do you feel about the overall accessibility of the facility's policies? Check the appropriate number:

Not at all accessible		←————→					Completely accessible	
1	2	3	4	5	6	7		

## **Section K: Programs (Group Activities)**

**Direct interviewing of staff is suggested for Section K**

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
1. When a person enrolls in a program, is the person asked if he or she requires any accommodations?	<b>1</b>	<b>2</b>	<b>3</b>
2. Are registrants with disabilities contacted prior to the start of the program to discuss any accommodations or adaptations that are necessary for their participation?	<b>1</b>	<b>2</b>	<b>3</b>
3. Are programs that allow persons with disabilities to participate provided in your facility?	<b>1</b>	<b>2</b>	<b>3</b>
4. If your facility offers programs specifically for persons with disabilities, are they similar in content to programs offered to persons who do not have disabilities?	<b>1</b>	<b>2</b>	<b>3</b>
5. Do exercise classes and programs (e.g., aerobic classes) include activities that can be performed from a seated position?	<b>1</b>	<b>2</b>	<b>3</b>
6. Are chairs available in exercise classes?	<b>1</b>	<b>2</b>	<b>3</b>
7. Are rails available to hold onto during standing exercises?	<b>1</b>	<b>2</b>	<b>3</b>
8. Can individuals with disabilities participate in fitness/recreation programs at their own pace?	<b>1</b>	<b>2</b>	<b>3</b>
9. Does your facility provide enough time for persons with disabilities to prepare (i.e., use locker room, shower) prior to the start of a program?	<b>1</b>	<b>2</b>	<b>3</b>



## Section K: Programs (Group Activities)

	Yes	No	N/A
10. After a fitness or recreation program has been completed, are participants with disabilities asked to evaluate the program with respect to its accessibility?	1	2	3





11. Using the scale below, how do you feel about the overall accessibility of the facility's policies? Check the appropriate number:

Not at all accessible							←————→	Completely accessible								
1	2	3	4	5	6	7										




## Section L: Swimming Pool

	Yes	No	N/A
1. Are there doors leading to the swimming pool? <b>If no or not applicable, score two points and go to question 2.</b>	1	2	3
 a) Do the doors have power assist*?	1	2	3
b) Do the doors have a threshold that is 1/2-inch high or less?	1	2	3
2. Does the pool have a ledge* to hold onto when entering the water?	1	2	3
3. Does the surface immediately around the pool have a detectible warning texture*?	1	2	3
 4. Do paths leading to and around the pool have a clear width* of at least 3 feet ?	1	2	3
5. Please indicate the availability of the following means of entering and exiting the pool:			
a) Lift or hoist*	1	2	3
b) Wet/dry ramp*	1	2	3
c) Zero-depth entry*	1	2	3
d) Transfer wall*	1	2	3
e) Stairs with handrails*	1	2	3
6. If there is only one accessible means of pool entry and exit, is this accessible means a pool lift*, zero-depth entry*, or wet/dry ramp*?	1	2	3
7. If there are two or more accessible means of entering and exiting the pool, is at least one of these means a movable floor, transfer steps*, transfer wall*, or stairs with handrails*?	1	2	3

## Section L: Swimming Pool

	Yes	No	N/A
8. Is each accessible means of pool entry and exit connected to an accessible route?	1	2	3
9. Does the pool have a lift* for entering and exiting? <b>If no or not applicable, go to question 10.</b>	1	2	3
 a) Does the pool lift* descend 18 to 20 inches below the water surface?	1	2	3
b) Does the pool lift* seat have armrests on both sides?	1	2	3
c) Is a footrest attached to the pool lift*?	1	2	3
d) Are pool lift* controls accessible from the deck level?	1	2	3
e) Can the pool lift* controls be operated without the need for grasping, pinching or twisting of the wrist?	1	2	3
10. Does the pool have at least one ramp for entry/exit? <b>If no or not applicable, go to question 11.</b>	1	2	3
 a) Is the width of the ramp at least 3 feet ?	1	2	3
 b) Is the slope of the ramp greater than 8.3% (equivalent to 1-foot rise in ramp height for every 12 feet of ramp length)?	1	2	3
c) Are ramp landings* level?	1	2	3
d) Are ramp landings* at least as wide as the ramp run?	1	2	3
 e) Are ramp landings* at least 5 feet long?	1	2	3
f) Does the ramp have handrails?	1	2	3

## Section L: Swimming Pool

	Yes	No	N/A
11. If the total linear length of the pool wall (measured on all four sides) is less than 300 feet, does the pool have at least one accessible means of entry and exit?	1	2	3
12. If the total linear length of the pool wall (measured on all four sides) is 300 feet or more, does the pool have at least two accessible means of entry and exit?	1	2	3
<b>Score 1 point for a highlighted answer to either question 11 or 12.</b>			
13. Does the pool have a transfer wall*? <b>If no or not applicable, go to question 14.</b>	1	2	3
 a) Is it 12 to 16 inches wide?	1	2	3
 b) Is the transfer wall* top 16 to 18 inches above the floor?	1	2	3
c) Is the surface of the transfer wall* non-abrasive?	1	2	3
 14. Is the clear space* adjacent to each point of pool entry at least 5 feet wide <u>and</u> 5 feet long/deep?	1	2	3
15. Is there an area in the pool where persons who move slowly can swim without interfering with other swimmers?	1	2	3
16. In your judgment, are pool depth markers clearly visible from outside the pool?	1	2	3
17. Are lifeguards available to provide assistance?	1	2	3







## **Section L: Swimming Pool**

18. Using the scale below, please rate the overall accessibility of the facility's pool. Check the appropriate number:

Not at all accessible ←————→ Completely accessible						
1	2	3	4	5	6	7



## Section M: Parking (Ancillary Section)

		Yes	No	N/A
	1. Does the facility have a parking lot, parking structure, or parking area? <b>If no or not applicable, go to section N.</b>	1	2	3
	a) Do parking spaces that are designated as accessible have a clear width* of at least 8 feet?	1	2	3
	b) Do parking spaces that are designated as accessible have an access aisle adjacent to parking space?	1	2	3
	c) If parking spaces marked as accessible have access aisles, do they have a clear width* of at least 5 feet?	1	2	3
	d) Do spaces for lift-equipped vans have a clear width of 16 feet available?	1	2	3
	e) Are parking spaces designated as accessible at least 20 feet long?	1	2	3
	f) Do parking spaces that are designated as accessible have a vertical clearing of at least 98 inches?	1	2	3
	g) Is the maximum distance between the entrance to the facility and a parking space 150 feet or less?	1	2	3

**Section M: Parking (Ancillary Section)**



	Yes	No	N/A
h) According to your own assessment, are accessible parking spaces as close as possible to facility entrances?	1	2	3
i) Are drains and catch basins located outside the path leading from accessible parking spaces to the building entrance?	1	2	3
j) Are accessible parking spaces kept free from obstacles?	1	2	3
k) Does the facility have a ticket machine for parking lot access?	1	2	3
l) If the facility parking lot(s) use ticket machines, can the driver obtain the ticket while remaining seated on the driver's side of the car?	1	2	3

**Score 1 point for a highlighted answer to either k or l.**

2. Using the scale below, please rate the overall accessibility of the facility's parking area. Check the appropriate number:

Not at all accessible							←————→	Completely accessible						
1			2	3	4	5	6	7						






**Section N: Telephones (Ancillary Section)**

	Yes	No	N/A
<b>If there are no public telephones, skip to Section O</b>			
1. Is there at least one public telephone per floor, or one per bank of telephones, equipped with an amplifying device for individuals with hearing impairments?	1	2	3
2. Are telephones equipped with amplifying devices clearly marked using appropriate signage*?	1	2	3
3. Are Telecommunication Devices for the Deaf (TDD) identified with the appropriate signage*?	1	2	3
4. Is an electrical outlet available at a bank of public telephones for at least one phone, permitting use of a TDD?	1	2	3
 5. Is the coin slot located 4 feet or less from the floor for front approach or 4 feet 6 inches or less for side approach?	1	2	3
 6. Is there a clear space* that is at least 2 feet 6 inches wide AND at least 4 feet long/deep to allow forward or side approach to the telephone?	1	2	3

7. Using the scale below, please rate the overall accessibility of the facility's telephones. Check the appropriate number:

Not at all accessible		←————→					Completely accessible	
1	2	3	4	5	6	7		

## Section O: Water Fountains (Ancillary Section)

	Yes	No	N/A
1. Are water fountain controls operable without the need for tight grasping, pinching, or twisting of the wrist?	1	2	3
2. Are water fountain controls on the front or side of the unit?	1	2	3
 3. Is there a clear floor space in front of the unit that is at least 2 feet 6 inches wide AND at least 4 feet long/deep?	1	2	3
 4. Is there at least 17 inches of clearance space (measured from the wall) beneath the water fountain to allow for wheelchair access?	1	2	3
 5. Is the spout height 3 feet or less as measured from the floor to the spout outlet?	1	2	3
 6. Are the bottoms of water fountains 2 feet 3 inches or more from the ground? <b>If no or not applicable, go to question 7.</b>	1	2	3
a) Do water fountain units protrude less than 4 inches into the room or hallway?	1	2	3
 7. Does the water flow from the spout extend at least 4 inches from the base of the spout?	1	2	3
8. If there is more than one water fountain in a particular area, are they mounted at different heights, serving seated and standing users?	1	2	3

**Section O: Water Fountains (Ancillary Section)**

9. Using the scale below, please rate the overall accessibility of the facility's water fountains. Check the appropriate number:

Not at all accessible ←————→ Completely accessible						
1	2	3	4	5	6	7



# SCORING INSTRUCTIONS

## Calculating the Raw Score

Scored items are items in which one of the three possible response choices (1="Yes", 2="No", 3="Not Applicable") is highlighted (bold text). The bolded response indicates greater accessibility.

To calculate the raw score for each scale, simply count the number of items in which the chosen response corresponds to the bolded response. You may use the scoring sheet provided on the next page to record the raw score for each section of the instrument.

Consider the following two example questions to better understand how to calculate the raw score:

	<b>Yes</b>	<b>No</b>	<b>N/A</b>
1. Do curb cuts have a detectable warning texture*?	<b>1</b>	2	3
2. Is the slope of the flared sides of curb cuts 10% or less (1-inch rise in 10 inches run)?	1	<b>2</b>	3

In the case above, a response of "Yes" to question 1 would add one point to the raw score of the section, while an answer of "No" to question 2 would add one more point. In most cases, the bolded item will be a "Yes" response, but this is not always the case.

Note that not all items in the survey have a bolded response, and therefore are not included in the scoring. Other items may have a unique scoring that gives more than one point for an accessible response. You will find the scoring instructions for these items below the question text in bold.

**Also note that in some cases, two or more items may be scored as a single item. These items are shaded with a gray background. Scoring instructions below the shaded items are also provided.**

## Professional Behavior Scale

Each item in Section H: Professional Behavior is scored on a 1-4 Likert scale ranging from a value of 1 to 4. For questions marked (+) each question can be scored using these values: “Never” (1) to “Most of the Time” (4). Questions designated as positive with an answer of “Never” should be scored as 1 point, “Rarely” as 2 points, “Sometimes” as 3 points and “Most of the time” as 4 points.

For questions marked (-) each question can be scored using these values: “Never” (4) to “Most of the Time” (1). Questions designated as negative with an answer of “Never” should be scored as 4 points, “Rarely” as 3 points, “Sometimes” as 2 points and “Most of the time” as 1 point.

Combine the Likert score from each of the nine items to produce a raw score. Refer to Table H to convert the raw score to a scale score and standardization sample percentile.

## Scoring Examples

Circle the answer that best describes the situation of the facility. For each answer that is circled and highlighted in **bold**, score one point. If the answer circled is not highlighted in bold, score no points. Add up the points scored for a section to find the total score.

### Example 1

	Yes	No	N/A
1. Were you able to get to and enter the bathroom? <b>If no or not applicable, go to section E.</b>	<b>1</b>	2	3
a) Are doors to the bathroom wide enough for wheelchair access?	<b>1</b>	2	3
b) Is there an unobstructed turning space in the restroom (with no door swinging in this space)?	<b>1</b>	2	3
c) Is the bathroom floor slippery?	1	<b>2</b>	3
d) Do toilet stall doors swing toward the area outside of the stall?	<b>1</b>	2	3

**Score For This Section: 4 Points**



## Scoring Examples

### Example 2

	Yes	No	N/A
29. Are there changes in elevation in the facility that require steps?	1	2	3
30. If there are changes in elevation inside the facility that require steps, is there a wheelchair-accessible ramp adjacent to the steps?	1	2	3

**Score 1 point for a highlighted answer to either 29 or 30.**

**Score For This Section: 1 Point**

### Example 3 (Taken from Section H: Professional Behavior)

3. Was staff available to assist consumers? (+)	___ N ___ R ___ S ___ M <b>+ 4 points</b>
4. Was staff willing to assist consumers? (+)	___ N ___ R ___ S ___ M <b>+ 3 points</b>
6. If a personal assistant accompanied consumer(s) to the facility, did staff talk directly to the personal assistant rather than to the consumer? (-)	___ N ___ R ___ S ___ M <b>+ 2 points</b>

**Score For This Section: 9 Points**

Once you have calculated the raw score for all of the sections of the instrument, add the individual raw score totals to arrive at a grand total. The grand total will then be used to convert the raw score into a total scale score and associated percentile rank. The percentile rank indicates how accessible the facility is relative to the standardization sample.

## **Converting the Grand Total Score into a Total Scale Score**

Converting the grand total raw score into a scale score and percentile rank is simple. Refer to the tables on the following pages (Tables A-O) to find the scale score and percentile that corresponds to the grand total raw score. The percentile will indicate how the assessed facility compares to facilities in the standardization sample.

## **Ancillary Scales**

The Parking, Telephone and Water Fountain subscales that follow provide ancillary accessibility information. These subscales are not scored; we found that many of the facilities in our study were completely accessible or nearly so according to these measures. Hence, a meaningful scoring system for these subscales could not be created.

## **List Of Tables**

**Table A** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Access Routes and Entrance Areas Scale **Page 69**

**Table B** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Equipment Scale **Page 70**

**Table C** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Information Scale **Page 71**

**Table D** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Locker Rooms and Showers Scale **Page 72**

**Table E** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Hot Tubs and Whirlpools Scale **Page 73**

**Table F** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Elevators Scale **Page 74**

**Table G** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Bathrooms Scale **Page 75**

**Table H** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Professional Behavior Scale **Page 76**

**Table I** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Professional Support and Training Scale **Page 77**

**Table J** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Policies Scale **Page 78**

**Table K** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Programs Scale **Page 79**

**Table L** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Swimming Pool Scale **Page 80**

**Table M** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Parking Scale **Page 81**

**Table N** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Telephones Scale **Page 82**

**Table O** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Water Fountains Scale **Page 83**

**Table 1** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Built Environment, Equipment Composite Score (Sections A through B, D through G and L through O) **Page 84**

**Table A** Raw Score to Scale Score Conversion and Standardization  
 Sample Percentiles for the Access Routes and Entrance Areas Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>20</b>	51.0	6
<b>1</b>	11.1	0	<b>21</b>	51.5	10
<b>2</b>	17.8	0	<b>22</b>	53.6	18
<b>3</b>	22.0	0	<b>23</b>	55.0	27
<b>4</b>	25.1	0	<b>24</b>	56.3	35
<b>5</b>	27.8	0	<b>25</b>	57.7	41
<b>6</b>	30.1	0	<b>26</b>	59.1	48
<b>7</b>	32.11	0	<b>27</b>	60.6	56
<b>8</b>	34.0	0	<b>28</b>	62.1	63
<b>9</b>	35.7	0	<b>29</b>	63.7	71
<b>10</b>	37.3	0	<b>30</b>	65.4	81
<b>11</b>	38.8	0	<b>31</b>	67.3	89
<b>12</b>	40.3	1	<b>32</b>	69.4	93
<b>13</b>	41.7	1	<b>33</b>	71.7	96
<b>14</b>	43.1	1	<b>34</b>	73.3	98
<b>15</b>	44.5	1	<b>35</b>	77.6	99
<b>16</b>	45.8	1	<b>36</b>	81.9	100
<b>17</b>	47.1	1	<b>37</b>	88.8	100
<b>18</b>	48.4	2	<b>38</b>	100.0	100
<b>19</b>	49.7	4			

**Table B** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Equipment Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>28</b>	51.8	68
<b>1</b>	9.0	0	<b>29</b>	52.8	75
<b>2</b>	14.5	0	<b>30</b>	53.8	79
<b>3</b>	18.0	0	<b>31</b>	54.8	82
<b>4</b>	20.7	0	<b>32</b>	55.9	86
<b>5</b>	22.9	0	<b>33</b>	56.9	90
<b>6</b>	24.9	0	<b>34</b>	57.9	91
<b>7</b>	26.6	0	<b>35</b>	58.9	93
<b>8</b>	28.3	0	<b>36</b>	60.0	94
<b>9</b>	29.8	1	<b>37</b>	61.1	96
<b>10</b>	31.3	1	<b>38</b>	62.2	96
<b>11</b>	32.6	1	<b>39</b>	63.3	97
<b>12</b>	34.0	1	<b>40</b>	64.4	98
<b>13</b>	35.3	2	<b>41</b>	65.6	99
<b>14</b>	36.5	3	<b>42</b>	66.8	100
<b>15</b>	37.8	4	<b>43</b>	68.1	100
<b>16</b>	39.0	5	<b>44</b>	69.4	100
<b>17</b>	40.1	9	<b>45</b>	70.8	100
<b>18</b>	41.3	12	<b>46</b>	72.3	100
<b>19</b>	42.4	17	<b>47</b>		100
<b>20</b>	43.5	22	<b>48</b>	75.5	100
<b>21</b>	44.6	25	<b>49</b>	77.4	100
<b>22</b>	45.7	28	<b>50</b>	79.6	100
<b>23</b>	46.72	33	<b>51</b>	82.2	100
<b>24</b>	47.8	43	<b>52</b>	85.6	100
<b>25</b>	48.8	53	<b>53</b>	91.1	100
<b>26</b>	49.8	59	<b>54</b>	100.0	100
<b>27</b>	50.8	62			

**Table C** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Information Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>12</b>	48.3	49
<b>1</b>	11.4	1	<b>13</b>	51.0	60
<b>2</b>	18.6	1	<b>14</b>	53.7	71
<b>3</b>	23.3	2	<b>15</b>	56.5	79
<b>4</b>	26.9	3	<b>16</b>	59.5	86
<b>5</b>	30.1	5	<b>17</b>	62.6	89
<b>6</b>	32.9	10	<b>18</b>	66.0	91
<b>7</b>	35.6	15	<b>19</b>	69.7	92
<b>8</b>	38.1	20	<b>20</b>	74.1	94
<b>9</b>	40.7	24	<b>21</b>	79.6	97
<b>10</b>	43.2	31	<b>22</b>	87.8	98
<b>11</b>	45.8	41	<b>23</b>	100.0	99

**Table D** Raw Score to Scale Score Conversion and Standardization  
 Sample Percentiles for the Locker Rooms and Showers Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>19</b>	44.5	9
<b>1</b>	9.9	0	<b>20</b>	45.8	13
<b>2</b>	15.9	0	<b>21</b>	47.1	19
<b>3</b>	19.6	0	<b>22</b>	48.5	27
<b>4</b>	22.4	0	<b>23</b>	49.8	37
<b>5</b>	24.7	0	<b>24</b>	51.3	47
<b>6</b>	26.7	0	<b>25</b>	52.9	56
<b>7</b>	28.4	0	<b>26</b>	54.6	60
<b>8</b>	30.1	0	<b>27</b>	56.3	69
<b>9</b>	31.6	0	<b>28</b>	58.3	79
<b>10</b>	33.0	0	<b>29</b>	60.5	85
<b>11</b>	34.4	0	<b>30</b>	63.1	91
<b>12</b>	35.7	0	<b>31</b>	65.9	96
<b>13</b>	37.0	0	<b>32</b>	69.5	99
<b>14</b>	38.3	0	<b>33</b>	73.8	100
<b>15</b>	39.5	1	<b>34</b>	79.5	100
<b>16</b>	40.7	1	<b>35</b>	88.1	100
<b>17</b>	41.9	4	<b>36</b>	100.0	100
<b>18</b>	43.2	8			



**Table E** Raw Score to Scale Score Conversion and Standardization  
 Sample Percentiles for the Hot Tubs and Whirlpools Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	13	<b>8</b>	51.4	93
<b>1</b>	10.0	29	<b>9</b>	52.9	97
<b>2</b>	16.4	35	<b>10</b>	54.4	97
<b>3</b>	20.8	37	<b>11</b>	56.0	98
<b>4</b>	24.2	41	<b>12</b>	57.6	99
<b>5</b>	27.0	49	<b>13</b>	59.2	99
<b>6</b>	29.6	67	<b>14</b>	61.0	100
<b>7</b>	31.9	83	<b>15</b>	100.0	100

**Table F** Raw Score to Scale Score Conversion and Standardization  
 Sample Percentiles for the Elevators Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>11</b>	42.0	11
<b>1</b>	9.7	0	<b>12</b>	44.8	14
<b>2</b>	14.1	1	<b>13</b>	47.82	19
<b>3</b>	16.0	2	<b>14</b>	51.1	31
<b>4</b>	23.5	2	<b>15</b>	54.8	42
<b>5</b>	26.42	3	<b>16</b>	59.3	52
<b>6</b>	29.1	3	<b>17</b>	64.9	68
<b>7</b>	31.7	3	<b>18</b>	71.7	82
<b>8</b>	34.3	3	<b>19</b>	79.5	89
<b>9</b>	36.8	5	<b>20</b>	88.6	95
<b>10</b>	39.4	8	<b>21</b>	100.0	99

**Table G** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Bathrooms Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>16</b>	31.54	8
<b>1</b>	7.28	0	<b>17</b>	32.70	10
<b>2</b>	11.86	0	<b>18</b>	33.94	13
<b>3</b>	14.65	0	<b>19</b>	35.18	17
<b>4</b>	16.82	0	<b>20</b>	36.58	23
<b>5</b>	18.60	0	<b>21</b>	38.13	33
<b>6</b>	20.07	0	<b>22</b>	39.83	44
<b>7</b>	21.47	0	<b>23</b>	41.77	53
<b>8</b>	22.71	0	<b>24</b>	44.09	64
<b>9</b>	23.95	0	<b>25</b>	46.96	76
<b>10</b>	25.03	0	<b>26</b>	50.53	87
<b>11</b>	26.12	0	<b>27</b>	69.75	95
<b>12</b>	27.20	1	<b>28</b>	77.86	97
<b>13</b>	28.29	3	<b>29</b>	87.87	99
<b>14</b>	29.37	3	<b>30</b>	100.00	100
<b>15</b>	30.46	6			

**Table H** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Professional Behavior Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>16</b>	0.0	0	<b>41</b>	46.3	7
<b>17</b>	8.3	0	<b>42</b>	47.3	8
<b>18</b>	13.6	0	<b>43</b>	48.3	10
<b>19</b>	17.0	0	<b>44</b>	49.3	12
<b>20</b>	19.6	0	<b>45</b>	50.2	13
<b>21</b>	21.7	0	<b>46</b>	51.2	13
<b>22</b>	23.6	0	<b>47</b>	52.2	15
<b>23</b>	25.3	2	<b>48</b>	53.3	17
<b>24</b>	26.8	3	<b>49</b>	54.3	17
<b>25</b>	28.3	3	<b>50</b>	55.4	17
<b>26</b>	29.6	3	<b>51</b>	56.5	18
<b>27</b>	30.9	3	<b>52</b>	57.7	20
<b>28</b>	32.3	3	<b>53</b>	58.9	22
<b>29</b>	33.4	3	<b>54</b>	60.2	30
<b>30</b>	34.6	3	<b>55</b>	61.6	38
<b>31</b>	35.8	3	<b>56</b>	63.1	43
<b>32</b>	36.9	3	<b>57</b>	64.8	?
<b>33</b>	38.0	3	<b>58</b>	66.7	?
<b>34</b>	39.1	3	<b>59</b>	69.0	?
<b>35</b>	40.2	3	<b>60</b>	71.8	77
<b>36</b>	41.3	3	<b>61</b>	75.6	88
<b>37</b>	42.3	3	<b>62</b>	81.0	95
<b>38</b>	43.3	3	<b>63</b>	89.3	98
<b>39</b>	44.3	3	<b>64</b>	100.0	100
<b>40</b>	45.3	5			

**Table I** Raw Score to Scale Score Conversion and Standardization  
 Sample Percentiles for the Professional Support and Training Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	1	<b>9</b>	56.3	57
<b>1</b>	16.1	6	<b>10</b>	59.4	67
<b>2</b>	26.8	10	<b>11</b>	62.9	76
<b>3</b>	33.5	15	<b>12</b>	66.7	86
<b>4</b>	38.5	21	<b>13</b>	71.2	93
<b>5</b>	42.7	26	<b>14</b>	76.9	94
<b>6</b>	46.3	35	<b>15</b>	85.8	94
<b>7</b>	49.7	42	<b>16</b>	100.0	97
<b>8</b>	53.0	49			

**Table J** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Policies Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>28</b>	49.22	33
<b>1</b>	9.61	0	<b>29</b>	50.12	36
<b>2</b>	15.45	0	<b>30</b>	51.03	39
<b>3</b>	19.08	0	<b>31</b>	51.94	42
<b>4</b>	21.78	0	<b>32</b>	52.88	46
<b>5</b>	23.99	0	<b>33</b>	53.83	51
<b>6</b>	25.88	0	<b>34</b>	54.81	56
<b>7</b>	27.55	0	<b>35</b>	55.81	60
<b>8</b>	29.06	0	<b>36</b>	56.84	64
<b>9</b>	30.45	0	<b>37</b>	57.91	69
<b>10</b>	31.75	0	<b>38</b>	59.02	72
<b>11</b>	32.97	0	<b>39</b>	60.18	76
<b>12</b>	34.12	0	<b>40</b>	61.40	83
<b>13</b>	35.23	0	<b>41</b>	62.69	88
<b>14</b>	36.29	0	<b>42</b>	64.07	90
<b>15</b>	37.32	0	<b>43</b>	65.56	93
<b>16</b>	38.31	1	<b>44</b>	67.17	96
<b>17</b>	39.29	3	<b>45</b>	68.95	99
<b>18</b>	40.24	4	<b>46</b>	70.93	100
<b>19</b>	41.17	6	<b>47</b>	73.18	100
<b>20</b>	42.09	6	<b>48</b>	75.82	100
<b>21</b>	43.00	7	<b>49</b>	79.05	100
<b>22</b>	43.90	10	<b>50</b>	83.27	100
<b>23</b>	44.79	13	<b>51</b>	89.83	100
<b>24</b>	45.68	15	<b>52</b>	100.00	100
<b>25</b>	46.57	19			
<b>26</b>	47.45	24			
<b>27</b>	48.33	28			

**Table K** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Programs Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>5</b>	54.1	13
<b>1</b>	16.7	0	<b>6</b>	62.3	28
<b>2</b>	28.8	0	<b>7</b>	71.3	49
<b>3</b>	38.0	0	<b>8</b>	83.3	71
<b>4</b>	46.1	1	<b>9</b>	100.0	89

**Table L** Raw Score to Scale Score Conversion and Standardization  
 Sample Percentiles for the Swimming Pool Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>19</b>	51.4	72
<b>1</b>	10.2	0	<b>20</b>	53.0	74
<b>2</b>	16.9	0	<b>21</b>	54.6	76
<b>3</b>	21.3	3	<b>22</b>	56.2	78
<b>4</b>	24.7	7	<b>23</b>	57.9	80
<b>5</b>	27.6	9	<b>24</b>	59.8	83
<b>6</b>	30.0	11	<b>25</b>	61.8	83
<b>7</b>	32.2	11	<b>26</b>	63.9	85
<b>8</b>	34.2	12	<b>27</b>	66.3	87
<b>9</b>	36.1	14	<b>28</b>	68.9	90
<b>10</b>	37.8	16	<b>29</b>	71.7	93
<b>11</b>	39.4	20	<b>30</b>	75.0	96
<b>12</b>	41.0	27	<b>31</b>	78.7	96
<b>13</b>	42.6	32	<b>32</b>	83.3	97
<b>14</b>	44.1	34	<b>33</b>	90.0	100
<b>15</b>	45.6	42	<b>34</b>	100.0	100
<b>16</b>	47.0	53			
<b>17</b>	48.5	61			
<b>18</b>	50.0	68			



**Table M** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Parking Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>6</b>	53.5	7
<b>1</b>	16.2	0	<b>7</b>	59.1	15
<b>2</b>	27.7	0	<b>8</b>	65.4	22
<b>3</b>	35.7	0	<b>9</b>	73.0	35
<b>4</b>	42.2	1	<b>10</b>	84.0	61
<b>5</b>	48.0	3	<b>11</b>	100.0	<b>89</b>

**Table N** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Telephones Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	-9.35E	0	<b>4</b>	70.00	36
<b>1</b>	9.94	5	<b>5</b>	81.18	49
<b>2</b>	37.37	17	<b>6</b>	95.44E	80
<b>3</b>	58.95	29			

**Table O** Raw Score to Scale Score Conversion and Standardization  
Sample Percentiles for the Water Fountains Scale

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.00	0	<b>4</b>	55.9	18
<b>1</b>	20.2	1	<b>5</b>	67.0	34
<b>2</b>	34.8	6	<b>6</b>	80.4	61
<b>3</b>	45.8	12	<b>7</b>	100.0	88

**Table 1** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Built Environment, Equipment Composite Score (Sections A through B, D through G and L through O)

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>0</b>	0.0	0	<b>28</b>	29.3	0
<b>1</b>	7.2	0	<b>29</b>	29.6	0
<b>2</b>	11.4	0	<b>30</b>	29.9	0
<b>3</b>	13.9	0	<b>31</b>	30.2	0
<b>4</b>	15.7	0	<b>32</b>	30.4	0
<b>5</b>	17.1	0	<b>33</b>	30.7	0
<b>6</b>	18.3	0	<b>34</b>	30.9	0
<b>7</b>	19.3	0	<b>35</b>	31.2	0
<b>8</b>	20.2	0	<b>36</b>	31.4	0
<b>9</b>	21.0	0	<b>37</b>	31.7	0
<b>10</b>	21.7	0	<b>38</b>	31.9	0
<b>11</b>	22.4	0	<b>39</b>	32.1	0
<b>12</b>	23.0	0	<b>40</b>	32.4	0
<b>13</b>	23.5	0	<b>41</b>	32.6	0
<b>14</b>	24.1	0	<b>42</b>	32.8	0
<b>15</b>	24.5	0	<b>43</b>	33.0	0
<b>16</b>	25.0	0	<b>44</b>	33.2	0
<b>17</b>	25.5	0	<b>45</b>	33.5	0
<b>18</b>	25.9	0	<b>46</b>	33.7	0
<b>19</b>	26.3	0	<b>47</b>	33.9	0
<b>20</b>	26.7	0	<b>48</b>	34.1	0
<b>21</b>	27.0	0	<b>49</b>	34.3	0
<b>22</b>	27.4	0	<b>50</b>	34.5	0
<b>23</b>	27.7	0	<b>51</b>	34.7	0
<b>24</b>	28.1	0	<b>52</b>	34.9	0
<b>25</b>	28.4	0	<b>53</b>	35.1	0
<b>26</b>	28.7	0	<b>54</b>	35.3	0
<b>27</b>	29.0	0	<b>55</b>	35.4	0

**Table 1 Continued** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Built Environment, Equipment Composite Score (Sections A through B, D through G and L through O)

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>56</b>	35.6	0	<b>84</b>	40.3	0
<b>57</b>	35.8	0	<b>85</b>	40.5	0
<b>58</b>	36.0	0	<b>86</b>	40.6	0
<b>59</b>	36.2	0	<b>87</b>	40.8	0
<b>60</b>	36.3	0	<b>88</b>	40.9	0
<b>61</b>	36.5	0	<b>89</b>	41.1	0
<b>62</b>	36.7	0	<b>90</b>	41.2	0
<b>63</b>	36.9	0	<b>91</b>	41.4	0
<b>64</b>	37.1	0	<b>92</b>	41.5	0
<b>65</b>	37.2	0	<b>93</b>	41.7	0
<b>66</b>	37.4	0	<b>94</b>	41.8	0
<b>67</b>	37.6	0	<b>95</b>	42.0	0
<b>68</b>	37.7	0	<b>96</b>	42.2	0
<b>69</b>	37.9	0	<b>97</b>	42.3	0
<b>70</b>	38.1	0	<b>98</b>	42.4	0
<b>71</b>	38.2	0	<b>99</b>	42.6	0
<b>72</b>	38.4	0	<b>100</b>	42.8	0
<b>73</b>	38.6	0	<b>101</b>	42.9	0
<b>74</b>	38.7	0	<b>102</b>	43.1	0
<b>75</b>	38.9	0	<b>103</b>	43.2	0
<b>76</b>	39.0	0	<b>104</b>	43.3	0
<b>77</b>	39.2	0	<b>105</b>	43.5	0
<b>78</b>	39.4	0	<b>106</b>	43.7	0
<b>79</b>	39.5	0	<b>107</b>	43.8	0
<b>80</b>	39.7	0	<b>108</b>	44.0	0
<b>81</b>	39.8	0	<b>109</b>	44.1	0
<b>82</b>	40.0	0	<b>110</b>	44.2	0
<b>83</b>	40.2	0	<b>111</b>	44.4	0

**Table 1 Continued** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Built Environment, Equipment Composite Score (Sections A through B, D through G and L through O)

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>112</b>	44.5	0	<b>140</b>	48.8	18
<b>113</b>	44.7	0	<b>141</b>	48.9	18
<b>114</b>	44.8	0	<b>142</b>	49.1	19
<b>115</b>	45.0	0	<b>143</b>	49.3	20
<b>116</b>	45.1	0	<b>144</b>	49.4	22
<b>117</b>	45.3	0	<b>145</b>	49.6	24
<b>118</b>	45.4	0	<b>146</b>	49.7	26
<b>119</b>	45.6	0	<b>147</b>	49.9	28
<b>120</b>	45.7	0	<b>148</b>	50.1	32
<b>121</b>	45.9	0	<b>149</b>	50.2	34
<b>122</b>	46.0	0	<b>150</b>	50.4	34
<b>123</b>	46.2	0	<b>151</b>	50.5	35
<b>124</b>	46.3	0	<b>152</b>	50.7	38
<b>125</b>	46.5	1	<b>153</b>	50.9	39
<b>126</b>	46.6	3	<b>154</b>	51.0	41
<b>127</b>	46.8	6	<b>155</b>	51.2	44
<b>128</b>	47.0	6	<b>156</b>	51.4	46
<b>129</b>	47.1	6	<b>157</b>	51.5	48
<b>130</b>	47.2	8	<b>158</b>	51.7	51
<b>131</b>	47.4	9	<b>159</b>	51.9	54
<b>132</b>	47.6	9	<b>160</b>	52.0	55
<b>133</b>	47.7	10	<b>161</b>	52.2	56
<b>134</b>	47.9	11	<b>162</b>	52.4	59
<b>135</b>	48.0	11	<b>163</b>	52.5	61
<b>136</b>	48.2	13	<b>164</b>	52.7	63
<b>137</b>	48.3	16	<b>165</b>	52.9	66
<b>138</b>	48.5	17	<b>166</b>	53.1	68
<b>139</b>	48.6	18	<b>167</b>	53.2	69

**Table 1 Continued** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Built Environment, Equipment Composite Score (Sections A through B, D through G and L through O)

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>168</b>	53.4	70	<b>196</b>	59.0	97
<b>169</b>	53.6	72	<b>197</b>	59.2	97
<b>170</b>	53.8	74	<b>198</b>	59.5	97
<b>171</b>	54.0	75	<b>199</b>	59.7	97
<b>172</b>	54.1	77	<b>200</b>	59.9	97
<b>173</b>	54.3	78	<b>201</b>	60.2	97
<b>174</b>	54.5	79	<b>202</b>	60.4	97
<b>175</b>	54.7	80	<b>203</b>	60.7	97
<b>176</b>	54.9	82	<b>204</b>	60.9	97
<b>177</b>	55.1	83	<b>205</b>	61.2	97
<b>178</b>	55.3	84	<b>206</b>	61.4	97
<b>179</b>	55.5	84	<b>207</b>	61.7	98
<b>180</b>	55.7	84	<b>208</b>	61.9	99
<b>181</b>	55.8	86	<b>209</b>	62.2	100
<b>182</b>	56.0	87	<b>210</b>	62.5	100
<b>183</b>	56.2	88	<b>211</b>	62.7	100
<b>184</b>	56.5	89	<b>212</b>	63.0	100
<b>185</b>	56.7	89	<b>213</b>	63.3	100
<b>186</b>	56.9	90	<b>214</b>	63.6	100
<b>187</b>	57.1	91	<b>215</b>	63.9	100
<b>188</b>	57.3	92	<b>216</b>	64.2	100
<b>189</b>	57.5	92	<b>217</b>	64.5	100
<b>190</b>	57.7	92	<b>218</b>	64.8	100
<b>191</b>	57.9	92	<b>219</b>	65.1	100
<b>192</b>	58.1	92	<b>220</b>	65.4	100
<b>193</b>	58.3	93	<b>221</b>	65.7	100
<b>194</b>	58.6	95	<b>222</b>	66.0	100
<b>195</b>	58.8	96	<b>223</b>	66.4	100

**Table 1 Continued** Raw Score to Scale Score Conversion and Standardization Sample Percentiles for the Built Environment, Equipment Composite Score (Sections A through B, D through G and L through O)

<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>	<b>Raw Score</b>	<b>Scale Score</b>	<b>Percentile</b>
<b>224</b>	66.7	100	<b>240</b>	73.5	100
<b>225</b>	67.1	100	<b>241</b>	74.1	100
<b>226</b>	67.4	100	<b>242</b>	74.7	100
<b>227</b>	67.8	100	<b>243</b>	75.3	100
<b>228</b>	68.2	100	<b>244</b>	76.0	100
<b>229</b>	68.5	100	<b>245</b>	76.7	100
<b>230</b>	68.9	100	<b>246</b>	77.4	100
<b>231</b>	69.3	100	<b>247</b>	78.2	100
<b>232</b>	69.7	100	<b>248</b>	79.1	100
<b>233</b>	70.2	100	<b>249</b>	80.1	100
<b>234</b>	70.6	100	<b>250</b>	81.2	100
<b>235</b>	71.0	100	<b>251</b>	82.4	100
<b>236</b>	71.5	100	<b>252</b>	83.9	100
<b>237</b>	72.0	100	<b>253</b>	85.8	100
<b>238</b>	72.5	100	<b>254</b>	88.4	100
<b>239</b>	73.0	100	<b>255</b>	92.7	100
			<b>256</b>	100.0	100



# ADA ACCESSIBILITY GUIDELINES

Many of the items on the AIMFREE instrument are drawn from the Americans With Disabilities Act Accessibility Guidelines (ADAAG) for Buildings and Facilities. In the tables below you will find a listing of those questions that are directly addressed in the guidelines, the reference to where they can be found in the guidelines, and the page number on which they can be located.

The document being referenced can be downloaded at <http://www.access-board.gov/adaag/ADAAG.pdf>.

<b>Section A: Access Routes and Entrance Areas</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
<b>1</b>	4.3.7	23	<b>17</b>	4.7.7 & 4.29.2	30 & 58
<b>2</b>	4.3.7	23	<b>17a</b>	4.7.7	30
<b>3</b>	4.2.4.1	18	<b>17b</b>	4.7.7	30
<b>4</b>	4.30.7 (1)	60	<b>18</b>	4.5.2	28
<b>5</b>	4.2.2	18	<b>20</b>	4.7.5	30
<b>5a</b>	4.3.4	20	<b>21b (i)</b>	4.8.6	34
<b>5b</b>	4.3.4	20	<b>21b (ii)(iii)</b>	4.8.4 (3)	33
<b>6</b>	4.3.2	19	<b>21c</b>	4.8.5	33
<b>7</b>	4.13.9	41	<b>21d</b>	4.5.1	26
<b>8</b>	4.13.12	44	<b>22a</b>	4.32.4	63
<b>9</b>	4.13.12	44	<b>25</b>	4.5.3	28
<b>10</b>	4.13.12	44	<b>26</b>	4.5.3	28
<b>11</b>	4.13.8	41	<b>27</b>	4.5.1	26
<b>12</b>	4.13.5	40	<b>28</b>	4.3.4	20
<b>13</b>	4.3.2	19	<b>29</b>	4.3.8	23
<b>14</b>	4.3.2	19	<b>30</b>	4.3.8	23
<b>15a</b>	4.13.6	40	<b>31a</b>	4.32.4	63
<b>16a</b>	4.13.7	41			

ADA Accessibility Guidelines, cont.

<b>Section B: Equipment</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
<b>1a</b>	4.13.12	44	<b>6a</b>	4.2.3	18
<b>1b</b>	4.13.5	40	<b>6b</b>	4.2.4.1	18
<b>1c</b>	4.13.8	41	<b>7</b>	4.3.3	20
<b>2</b>	4.2.4.1	18	<b>16c</b>	4.30.4	60
<b>4</b>	4.2.4.2	18	<b>16e</b>	4.30.4	60
<b>5</b>	4.5.1 & 4.2.4.3	26 &17			

<b>Section C: Information</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
<b>1a</b>	4.30.4	60	<b>3</b>	4.30.7	60
<b>1b</b>	4.30.4	60	<b>6</b>	4.30.4	60
<b>2</b>	4.30.4	60	<b>7</b>	4.30.4	60
<b>2a</b>	4.30.4	60	<b>8</b>	4.30.4	60
<b>2b</b>	4.30.4	60	<b>9</b>	4.30.4	60
<b>2c</b>	4.30.4	60	<b>10</b>	4.30.5	60
<b>2d</b>	4.30.4	60	<b>12</b>	4.30.6	60

ADA Accessibility Guidelines, cont.

<b>Section D: Locker Rooms and Showers</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
2a	4.13.12	44	15	4.37.3	66
2b	4.13.12	44	16	4.37.5	66
2c	4.13.7	41	17	4.37.2	66
2d	4.13.8	41	21	A.4.22.3	A13
3	4.3.3	20	23a	4.21.2	51
4	4.3.3	20	23b	4.21.6	51
5	4.3.3	20	23c	4.21.6	51
6	4.3.3	20	23d	4.21.6	51
7	4.23.3	53	23f	4.27.4	58
8	4.3.3	20	23g	4.21.2	51
9	4.25.2	56	23h	4.21.4	51
10	4.25.3	56	23i	4.26.2	56
12	4.25.3	56	23j	4.21.4	51
13	4.27.4	58	23k	4.21.4	51
14	4.37.3	66	23l	4.21.3	51

<b>Section E: Hot Tubs, Whirlpools, Saunas, Steam Rooms</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
1c	4.27.4	58	3a (iv)	4.13.6	40
3a (i)	4.13.12	44	3b	4.21.3	51
3a (ii)	4.13.5	40	3c	4.37.3	66
3a (iii)	4.13.8	41			

ADA Accessibility Guidelines, cont.

<b>Section F: Elevators</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
<b>1</b>	4.10.1	34	<b>1k</b>	4.10.12	38
<b>1a</b>	4.10.1	34	<b>1l</b>	4.10.12	38
<b>1b</b>	4.10.13	39	<b>1m</b>	4.10.5	37
<b>1c</b>	4.10.13	39	<b>1n</b>	4.10.12	38
<b>1d</b>	4.10.13	39	<b>1o</b>	4.10.5	37
<b>1e</b>	4.10.12	38	<b>1p</b>	4.10.5	37
<b>1f</b>	4.10.13	39	<b>1q</b>	4.10.6	37
<b>1g</b>	4.10.13	39	<b>1r</b>	4.10.14	40
<b>1h</b>	4.10.13	39	<b>1u</b>	4.10.9	38
<b>1i</b>	4.10.13	39	<b>1v</b>	4.10.9	38
<b>1j</b>	4.10.13	39			

<b>Section G: Bathrooms</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
<b>4</b>	4.16.2	46	<b>15d</b>	4.17.6	47
<b>5</b>	4.23.3	46	<b>15e</b>	4.17.6	47
<b>6</b>	4.17.5	47	<b>15f</b>	4.17.6	47
<b>7</b>	4.23.2	53	<b>16</b>	4.5.1	26
<b>8</b>	4.17.3	46	<b>17</b>	4.24.6	55
<b>9</b>	4.17.3	46	<b>18</b>	4.23.7	54
<b>10</b>	4.16.5	46	<b>19</b>	4.19.6	50
<b>11</b>	4.17.3	46	<b>20</b>	4.24.5	55
<b>12</b>	4.17.3	46	<b>21</b>	4.27.2	56
<b>13</b>	4.16.6	46	<b>22</b>	4.27.2	56
<b>14</b>	4.17.5	47	<b>23</b>	4.24.3	55
<b>15</b>	4.17.6	47	<b>24</b>	4.24.3	55
<b>15a</b>	4.17.6	47	<b>25</b>	4.24.3	55
<b>15b</b>	4.17.6	47	<b>26</b>	4.24.2	55
<b>15c</b>	4.17.6	47			

ADA Accessibility Guidelines, cont.

<b>Section L: Swimming Pool</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
1	15.8.2	97	9e	15.8.5.7	99
1b	4.13.8	41	10	15.8.2	97
3	4.29.6	59	10a	4.3.3	20
4	15.8.5.3	98	10b	4.3.7	23
5a	15.8.2	97	10c	4.3.8	23
5b	15.8.2	97	10d	4.8.4	33
5c	15.8.2	97	10e	4.8.4	33
5d	15.8.2	97	10f	4.8.5	33
5e	15.8.2	97	11	15.8.2	97
6	15.8.2	97	12	15.8.2	97
7	15.8.2	97	13	15.8.7	100
8	15.8.2	97	13a	15.8.7.3	100
9	15.8.2	97	13b	15.8.7.2	100
9a	15.8.5.8	99	13c	15.8.7.4	100
9b	15.8.5.6	98	14	15.8.8.2	101
9c	15.8.5.6	98	16	4.29.6	59
9d	15.8.5.7	99			

<b>Section M: Parking (Ancillary Section)</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
1a	4.6.3	29	1f	4.6.5 & 4.1.2(5)(B)	29 & 8
1b	4.6.3	29	1g	4.6.2	28
1c	4.6.6	29	1h	4.6.2	28
1e	4.6.6	29			

ADA Accessibility Guidelines, cont.

<b>Section N: Telephones (Ancillary Section)</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
2	4.30.7	60	4	4.31.9	62
3	4.30.7	60			

<b>Section O: Water Fountains (Ancillary Section)</b>					
<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>	<b>AIMFREE Question Number</b>	<b>ADAAG Reference</b>	<b>ADAAG Page Number</b>
1	4.15.4	44	4	4.15.5	44
2	4.15.4	44	5	4.15.2	44
3	4.15.5	44	7	4.15.3	44

# **INFORMATION RESOURCES**

## **Rehabilitation Engineering Center on Interactive Exercise Technologies and Exercise Physiology**

The Rehabilitation Engineering Research Center on Interactive Technologies and Exercise Physiology (RERC RecTech) at the University of Illinois at Chicago is a five-year grant funded by the National Institute on Disability and Rehabilitation Research (NIDRR) of the U.S. Department of Education. The primary mission of the Center is to expand new knowledge and research on exercise technology for people with disabilities, and to disseminate technology development through education, training and collaboration with private sectors.

**Phone:** (312) 355-1400 (voice)

**Web:** [www.RecTech.org](http://www.RecTech.org)

## **National Center on Health, Physical Activity and Disability (NCHPAD)**

The National Center on Health, Physical Activity and Disability (NCHPAD) is the premier resource for information on physical activity, health promotion, and disability. We empower people with disabilities and health conditions to become healthier and more active. NCHPAD provides telephone and online information and resources on physical activity, fitness, adapted recreation, adapted sports, disability and chronic health conditions. Whether you are someone with a disability looking to improve your health, a researcher seeking groundbreaking information or a practitioner seeking exercises for a client, NCHPAD has something for everyone.

**Phone:** (800) 900-8086 (voice and TTY)

**Web:** [www.NCHPAD.org](http://www.NCHPAD.org)

## **National Center on Accessibility**

The National Center on Accessibility is a cooperative project between the National Park Service and Indiana University to provide information and technical assistance, primarily on recreation access.

**Phone:** (812) 856-4422 (voice)  
(812) 856-4421 (TTY)

**Web:** [www.indiana.edu/~nca/](http://www.indiana.edu/~nca/) \*

## **U.S. Access Board**

The Access Board is an independent federal agency devoted to accessibility for persons with disabilities. The board provides technical assistance and training on guidelines and standards and develops and maintains accessibility requirements in many areas.

**Phone:** (800) 872-2253 (voice)  
(800) 993-2822 (TTY)

**Web:** [www.access-board.gov/](http://www.access-board.gov/) \*

## **National Recreation and Park Association**

NRPA is a national, non-profit service organization dedicated to advancing parks, recreation and environmental efforts that enhance the quality of life for all people.

**Phone:** (800) 626-6772 (voice)

**Web:** [www.nrpa.org/](http://www.nrpa.org/) \*

## **ADA and IT Technical Assistance Centers**

The National Institute on Disability and Rehabilitation Research (NIDRR) has established ten regional centers to provide information, training, and technical assistance to employers, persons with disabilities, and other entities with responsibilities under the ADA.

**Phone:** (800) 949-4232 (voice and TTY)

**Web:** [www.adata.org](http://www.adata.org) \*

## **ADA Home Page**

The U.S. Department of Justice web site provides information resources and technical assistance on ADA regulations and news on updates to the ADA code.

**Phone:** (800) 514-0301 (voice)

(800) 514-0383 (TTY)

**Web:** [www.ADA.gov](http://www.ADA.gov) \*



# EQUIPMENT RESOURCES

## SmartTool™

The SmartTool is an electronic level that can be used to measure both running slopes and cross slopes, which is useful for several items in the professional AIMFREE Instruments.

**Manufacturer:** M-D Building Products

**Phone:** (800) 654-8454.

**Web:** [www.mdteam.com](http://www.mdteam.com)

## ADA Accessibility Stick

The ADA Accessibility Stick is a tool designed to measure key environmental features mandated by the Americans with Disabilities Act Accessibility Guidelines.

**Manufacturer:** Access, Inc.

**Phone:** (785) 841-0321 (voice)  
(785) 841-1979 (fax)

**Web:** [www.adastick.com](http://www.adastick.com)



ACCESSIBILITY INSTRUMENTS MEASURING  
FITNESS AND RECREATION ENVIRONMENTS

## FITNESS CENTER ACCESSIBILITY

INSTRUMENT: PROFESSIONAL VERSION

