Concepts of Universal Design

• Todd Hanson, AIA  
  Principal, JSA & Founder of Access Portsmouth

• Jill Johanning, AIA  
  Architect, Access Design / Alpha One

• Jim Warner, FAIA  
  Principal, JSA Architects Planners Interiors
2008 - White Mountains, solo 50 mile hike
We are told that the 100 years between 1960 and 2060 represent the most dramatic demographic shifts the world has ever seen.
“It’s not that we are disproportionately old, It’s that we are disproportionately not young.” Charles Colgan, professor of public policy and management at the University of Southern Maine’s Muskie School of Public Service.

Maine’s oldest-in-the-nation status comes from its median age of 44.6 years, according to a 2015 estimate by the U.S. Census Bureau.
FIG 2. People with Disabilities Living in the Community as a Percentage of the US Population, by State, 2015

- 9.9% to 11.4%
- 11.5% to 12.8%
- 12.9% to 14.7%
- 14.8% to 19.4%
Workers with disabilities earn less than their peers

For every dollar paid to workers without disabilities, those with disabilities receive only 63¢, on average

The pay gap widens as educational attainment increases

Earnings by highest level of education completed

- High School diploma or equal (no college)
  - Without a disability: $29,471
  - With a disability: $22,966

- Associate's degree
  - Without a disability: $39,968
  - With a disability: $32,768

- Bachelor's degree
  - Without a disability: $58,822
  - With a disability: $46,103

- Master's degree or higher
  - Without a disability: $87,771
  - With a disability: $66,899


www.air.org
Disability Impacts
ALL of US
A Snapshot of Disability in the United States

Click for state-specific information →

22%
of adults in the United States have some type of disability

The percentage of people living with select disabilities in each state is highest in the Southeast.

People living with a disability
People living with no disability

Percentage of adults with select functional disability types*

MAINE AFFORDABLE HOUSING CONFERENCE

JSA
Social implications

• Loss of independence
Social implications

• Loss of independence
• Loss of purpose
Social implications

• Loss of independence
• Loss of purpose
• Isolation
Social implications – “Visitability”
Access Portsmouth helps people of all abilities know what to expect when they visit Portsmouth. We visit local businesses with the goal of determining the accessibility of the front entrance, the usability of the table/surroundings, the ability to use a restroom and the most convenient place to park. We call this “access-friendly” because sometimes, in our old buildings, accommodations are not quite fully ADA compliant but close. With some effort, most of our businesses do whatever they can to give everyone a warm Portsmouth welcome.

The overall goal is far reaching: to raise awareness where it’s lacking, inspire a spirit of inclusiveness, and influence other communities to do the same throughout New England and beyond.
Library Restaurant, The

The Library Restaurant is a steak house that uses the Seacoast’s freshest seafood and produce, as well as exceptional meats including USDA prime sirloin. Open for dinner, lunch and brunch.

401 State St.
Portsmouth, NH
(603) 431-5202

American, Bar/Lounge, Dinner, Downtown Portsmouth, Family Friendly, Gluten Free, Handicap Access, International Cuisine, Late Night Menu, Lunch, Quiet Setting, Seafood, Sunday Brunch, Take Out, Vegetarian, Wine Bar

Dos Amigos Burritos

107 State St.
Portsmouth, NH
(603) 373-6001

Children’s Menu, Dinner, Downtown Portsmouth, Family Friendly, Handicap Access, Lunch, Mexican, Take Out
CRITERIA:

1. PUBLIC ENTRANCE

2. INTERIOR TRAVEL PATH & USABILITY

3. RESTROOMS

4. PARKING & EXTERIOR ACCESS

Inspection Checklist

Public entrance
- Free of steps
- Necessary door clearance
- Wide enough doorway, measurement if snug
- Proper size and configuration of vestibule, description if non-standard

Comments:

Interior travel path and usability
- Clear path between furniture and fixtures to allow equitable circulation to all public areas and restrooms
- Furniture and fixtures of usable dimensions
- Free of interior steps or level changes unless ramps, lifts or elevators are provided

Comments:

Restrooms
- Clearances at the doorway, both inside and outside
- Clearances around toilet and sink
- Appropriate grab bars, the right size in the right location

Comments:

Parking / Exterior access
- Availability and reliability of convenient accessible parking

Comments:
The Music Hall Historic Theater
28 Chestnut Street, Portsmouth
Performing arts center

- Entry: Use the left hand pair of entry doors. The box office is inside on the right. During events, there are volunteers in Music Hall vests directly inside the entry ready to assist patrons with any needs.

- Restrooms: There is elegant ramping leading to the lobby restrooms. Ladies room is on the left, accessible stall is #9. Family restroom and men's room are on the right. All are accessible. The family restroom is generously oversized and very accessible. The ladies and mens restrooms are some of the most unusual restrooms in the country, a visit is encouraged.

- Interior access: There is an elevator from the street level lobby to the orchestra level. A staff member will facilitate. It will hold a person in a wheelchair plus staff member. The elevator doors open automatically at the orchestra level. The elevator does not service the balcony level. There are removable seats in the front row that staff will configure to suit your group. If you choose to transfer to regular seating, staff will store your chair until needed.

- Parking: Worth Lot (5 handicapped spaces), Bridge St Lot (2 handicapped spaces), Hanover St. Parking Garage (18 handicapped spaces)

- Comments: Music Hall staff members and volunteers are very intuitive and accommoding. If you call ahead, they will be prepared for any special needs you may have; if you do not call in advance, their professional staff still handles accessibility needs with ease. There is a 'house wheelchair' available to borrow. There is additional accessibility information on the 'Box Office Info' page of the Music Hall website.

The Music Hall Loft
131 Congress Street, Portsmouth
Performing arts and film venue
Name: Portsmouth Gas Light Co.

Description:
Four venues: Wood-fired cooking and live entertainment.

Entry:
Grill: There are steps to reach the Market St entry for the street level Grill. The patio entrance around the corner/back will give accessible rear entry to the street level Grill. Go through the patio (staff will accommodate) and enter through the back door labeled "Restrooms." In the winter months, it is possible that the patio entrance may be blocked by snow. Call ahead to be sure the entrance is usable on the day you visit.

Pizza Pub: Lower level, stairs only, not accessible.

Deck: Easy access directly from the sidewalk on the corner of Market and Hanover St.

Third Floor Nightclub: Use the small ATM entry lobby on the Hanover St side of the building, there is an elevator to access the nightclub.

Restrooms:
Accessible restrooms in the street level Grill also serve the patio. Third Floor Nightclub has accessible restrooms.

Map data ©2017 Google Terms 200 ft - Google My Maps
Rí Rá Irish Pub

Name
Rí Rá Irish Pub

Description
Irish pub

Entry
Ramp entry to good door/entry

Restrooms
Accessible restrooms, men's room missing a grab bar

Interior
Bar is all high tops. There are three standard tables in the rear 'vault' dining room. Side dining room is standard tables, but up several steps and inaccessible.
America Walks and NCHPAD Award
Designing for Inclusive Health Grants

Access Portsmouth (Portsmouth, NH)
Zeitgeist Center for Arts & Community (Duluth, MN)
Hanover County Health Department (Ashland, VA)
3 Billion Persons with Disabilities, Family & Friends Worldwide

$8 > Trillion Discretionary Income
CAPITALIZE ON THE BUYING POWER OF PEOPLE WITH DISABILITIES—EXHIBIT AT ABILITIES EXPO

Billions of dollars are spent annually in the disabilities marketplace. This number is certain to increase as the current population ages and new generations grow. Current estimates indicate that number of Americans living with a disability is more than 54 million¹.

Each day presents new challenges for this unique population. As a result, demand is steadily increasing for new products, services and technologies to improve their quality of life. This creates a distinct opportunity and strong marketplace for businesses like yours.

Question:
What is the aggregate income of people with disabilities in the United States?
Answer: Over $1 Trillion¹