

**COMPLETE LIST OF RESOURCES AVAILABLE IN THE SAFE STATES ALLIANCE
LIVABILITY AND SMART GROWTH ASSESSMENT TOOLS DATABASE**
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TOOL NAME	AUTHOR	URL	DESCRIPTION	YEAR DEVELOPED
Active Community Environments (ACES) Community Assessment	Washington State Department of Health and Healthy Communities Washington	http://here.doh.wa.gov/materials/active-community-environments/15_ACEToolkit_E12L.pdf	An assessment tool that uses scoring in six areas to determine ways to enhance community health and identify ways to increase activity in communities.	2012
Active Community Schools Workbook	National Center for Bicycling & Walking and the Active Living Resource Center	http://bikewalk.org/assets/Roadmap_Schools_Application.pdf	A set of resources designed to help users think through community goals, determine needs, and better understand how to implement a wide range of existing active living tools, projects, and programs that put communities on the path toward becoming Active Living environments.	Unknown
Active Independent Aging Walkability Checklist	University of Ottawa and the Public Health and Long-term Care Branch, City of Ottawa	http://www.saskatoonhealthregion.ca/pdf/fp-WalkabilityChecklist.pdf	This checklist is used to explore and assess the "walkability" of neighborhoods for older adults.	2004
Allegheny Places Comprehensive Plan Consistency Checklist	Allegheny County Economic Development, Allegheny County	http://www.alleghenyplaces.com/pdf/Comp%20Plan%20Checklist%2001.27.10.pdf	Tool used by Allegheny County municipalities to assess consistency of their current/proposed comprehensive plan with the county's comprehensive plan, "Allegheny Places".	2008
Arlington Bike Survey	City of Arlington, TX, Community Development and Planning and Transportation Planning Division	http://www.arlingtontx.gov/planning/Transportation.html	A tool for residents to address problems inhibiting safe bicycling. Includes assessment of bicycle lane and path features, educational initiatives, and traffic enforcement facilitating bicycle use.	2009
Bedimo-Rung Assessment Tool – Direct Observation (BRAT-DO)	Louisiana State University School of Public Health	http://publichealth.lsuhs.edu/Faculty_pages/rung/Documents/BRAT-DO%20-%20General%20Use%20-%20All.pdf	A paper-and-pencil instrument used to visually identify and evaluate the physical characteristics of parks. Assesses physical, social, and environmental characteristics of parks.	2005
Bicycle Friendly Community Scorecard	League of American Bicyclists	https://www.bikeleague.org/bfa/quick-assessment/community	A scorecard to help assess if a community is ready to apply for the Bicycle Friendly America SM designation.	Unknown
Bikeability Checklist	Pedestrian and Bicycle Information Center	http://www.nhtsa.gov/people/injury/pedbimot/bike/bikeability/	A checklist that helps to identify specific bicycling problems and offers suggestions on what can be done to fix them.	Unknown
Cape Cod Growth Management Audit	Cape Cod Business Roundtable	http://www.epa.gov/smartgrowth/scorecards/Cape_Cod_Audit.pdf	Simple tool for evaluating how well a municipality's plans, practices, and policies support Smart Growth development.	2004
Checklist for Green Congregations: Building, Grounds, and Practices	The Web of Creation	http://www.webofcreation.org/ActionSuggestions/actsugchecklists.htm	Helps church leaders ensure sustainable and green practices and design at the church site.	Unknown
City of Edmonton CPTED Safety Audit	Safedmonton Working Group	http://www.toronto.ca/safetyaudits/pdf/edmonton_safety_audit_guide_extract.pdf	A tool to identify physical features in a community that may help reduce crime.	2000
Colorado Smart Growth Scorecard	Colorado Center for Healthy Communities and The Orton Family Foundation	http://www.epa.gov/smartgrowth/scorecards/Colorado_Scorecard.pdf	A community self-assessment tool that uses principles of Smart Growth to spur discussion and action on community approaches to growth and development issues.	2003
Community Assessment Tool	Pedestrian and Bicycle Information Center, The University of North Carolina Highway Safety Research Center, and the Federal Highway Administration	http://www.walkfriendly.org/WalkFriendlyCommunitiesAssessmentTool.pdf	A tool that serves to recognize existing walkable communities and to provide a framework for communities seeking to improve their walkability by capturing a variety of factors that affect walkability.	2010
Community Street Reviews	Living Streets Aotearoa and Abley Transportation Consultants Ltd. (New Zealand)	http://www.nzta.govt.nz/resources/community-street-reviews/docs/csr-guide.pdf	A tool used to assess walkability from an environment perspective using peoples' perceptions.	2010
Craig Hospital Inventory of Environmental Factors	Craig Hospital	http://tbims.org/combi/chief/CHIEF.pdf	A tool that allows the quantification of environmental factors and leads to a better understanding of the degree to which elements of the environment impede or facilitate the lives of people with disabilities.	2001
Design for Health Checklists for Comprehensive Plan Elements	Design for Health	http://designforhealth.net/resources/legacy/checklists/	Includes checklists for comprehensive land use, neighborhood, and transportation (bicycle, pedestrian) plans. Also available in Excel format.	2007

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Design Principles for Great Places	EcoCity Cleveland	http://www.epa.gov/smartgrowth/scorecards/ecocitycleveland.pdf	A simple tool used to evaluate proposed and existing community developments.	2005
Designing Projects for Active Living: Developer's Checklist	Premier's Council for Active Living, New South Wales	http://www.pcal.nsw.gov.au/_data/assets/pdf_file/0009/114786/DevChklist_wcasestud_Feb_2011_Lres_18.02.pdf	A checklist designed to encourage the development of communities that promote and support physical activity opportunities.	2011
Environmental Assessment of Public Recreation Spaces (EAPRS) Tool	Cincinnati Children's Hospital Medical Center and Active Living Research Program of the Robert Wood Johnson Foundation	http://activelivingresearch.org/node/10651	A tool that provides a comprehensive direct observation assessment of the physical environments of parks and playgrounds, with an emphasis on evaluating physical elements and qualities with respect to their functionality or potential functionality.	2006
Environmental Supports for Physical Activity Questionnaire	University of South Carolina Prevention Research Center	http://prevention.sph.sc.edu/tools/docs/Env_Supports_for_PA.pdf	A questionnaire that includes an assessment of physical and social environments, including perceptions of the community environment, safety, access to recreation, and conditions of the neighborhood and facilities.	2002
Facilitators and Barriers Survey/Mobility (FABS)	Washington University in St. Louis School of Medicine	http://www.midss.org/sites/www.midss.ie/files/fabs_m.pdf	A measure of environmental features which facilitate or restrict participation in major life activities for people with mobility impairments.	2008
Green Schools Checklist	Illinois EPA	http://www.epa.state.il.us/p2/green-schools-checklist.pdf	A checklist of improvements that schools can make in their daily operations and facility design to create green and healthy environments.	2003
Health Empowerment Zone (HEZ)	University of Illinois at Chicago	http://uic-chp.org/CHP_A5_HEZ_01.html	Short checklists that can measure outdoor environment land use and pathway characteristics to identify features that may be barriers for people with disabilities leading active lifestyles.	2009
Healthy Community Checklist	Michigan Department of Community Health	http://www.mihealthtools.org/checklist/	A 40-item checklist that provides a quick assessment of a community's health environment related to promoting and supporting physical activity, healthy eating, and tobacco-free lifestyles.	2005
Healthy School Environment Assessment Tool (HealthySEAT)	U.S. Environmental Protection Agency	http://epa.gov/schools/healthyseat/index.html	A software program available for download that can be used by district-level staff to conduct self-assessments of their schools and other facilities and to track and manage information on environmental conditions.	2008
Healthy Schools Program	Alliance for a Healthier Generation	https://schools.healthiergeneration.org/	The Healthy Schools Program provides resources on specific changes to make for schools to become healthier environments. A Six Step Process is used as the roadmap for making school health change.	2013
Home & Community Environment Instrument (HACE)	Boston University	http://www.bu.edu/enact/files/2011/05/HACE-Survey-and-Manual-v1_7-30-2008.pdf	A self-report measure focusing on aspects of the home and the community environment which influence community participation among people with disabilities.	2008
Humboldt County Healthy Development Checklist	Humboldt Partnership for Active Living	http://www.humpal.org/sites/humpal.org/files/files/images/HealthyDevChecklist.pdf	Designed to help residents assess how a proposed development project or the existing 'built environment' of a neighborhood can positively or negatively affect public health.	2008
International Physical Activity Questionnaire	San Diego State University	https://sites.google.com/site/theipaq/home	A self-administered instrument available in multiple languages that can be used to obtain an estimate of physical activity in a community and the extent to which the environment impacts physical activity.	2005
Irvine Minnesota Inventory	University of California, Irvine	https://webfiles.uci.edu/kday/public/index.html	A tool used to measure a wide range of built environment features that may affect physical activity, especially walking. Covers accessibility, pleasurable, perceived safety from crime, and perceived safety from traffic.	2005

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Livable Communities Evaluation Guide	AARP	http://assets.aarp.org/rqcenter/ll/d18311_communities.pdf	A tool used to help residents determine how they can make their communities more livable for older adults. Consists of a series of community self-assessment surveys identifying factors potentially affecting older adults' independence and quality of life.	2005
Maryland Smart Growth Scorecard	Maryland Office of Smart Growth	http://www.epa.gov/smartgrowth/scorecards/Maryland_Scorecard.pdf	A scorecard to qualitatively assess how well a development project follows smart growth principles.	2001
Measurement Instrument for Urban Design Quantities Related to Walkability	University of Maryland, University of California Davis, and Saint Louis University School of Public Health	http://activelivingresearch.org/node/10635	A tool used to determine how urban design qualities of streetscapes impact walkability and active living.	2006
Mobile, Ala. Smart Growth Criteria Matrix	City of Mobile Planning Department	http://www.epa.gov/smartgrowth/scorecards/IncentiveMatrix_Mobile.pdf	A points-based scorecard that rates specific development projects according to a set of smart growth criteria adopted by the City of Mobile. Can be used by developers in the development of a project proposal.	Unknown
Mobility Checklist	Upper Valley Transportation Management Association	http://www.vitalcommunities.org/uvtma/doc/Mobility%20Checklist.pdf	A checklist designed to assess what makes walking, cycling, and public transit more viable, and promotes mobility-oriented development through plans, policies, and zoning provisions.	Unknown
Neighborhood Environment Walkability Survey (NEWS)	Various	http://www.drjamesallis.sdsu.edu/Documents/NEWS.pdf http://www.drjamesallis.sdsu.edu/Documents/NEWSscoring.pdf	An instrument developed to determine the perception of neighborhood design features related to physical activity.	2002
Neighborhood Observational Checklist	Healthy Environments Partnership	http://www.hepdetroit.org/en/projects-a-activities/spehd/72-neighborhood-observation-checklist	A tool used to assess social and built environments, including condition of homes and businesses, vacant lots, streets and sidewalks, traffic patterns, and parks and recreational facilities.	2003
Neighborhood Physical Activity Questionnaire	The University of Western Australia, Deakin University, and National Heart Foundation	http://www.sph.uwa.edu.au/research/cbeh/projects/?a=382545	A tool that measures recreational and transport-related walking within and outside of one's neighborhood, and to assess overall physical activity.	2006
Parent Survey About Walking and Biking to School	National Center for Safe Routes to School	http://www.saferoutesinfo.org/sites/default/files/resources/Parent_Survey_English.pdf	A survey administered to parents to determine factors that affect whether they allow their children to walk or bike to school, the presence of key safety-related conditions along routes to school, and related background information.	Unknown
Path Environment Audit Tool (PEAT)	Purdue University	http://activelivingresearch.org/node/10652	A computer-based instrument for trained observers to assess physical characteristics of community trails and paths, including design, amenity, and aesthetics/maintenance items.	2005
Pedestrian and Bicyclist Intersection Safety Indices	University of North Carolina Highway Safety Research Center, and U.S. Department of Transportation, Federal Highway Administration	http://www.fhwa.dot.gov/publications/research/safety/pedbike/06129/index.cfm	A set of models that enable users to identify intersection crossings and intersection approach legs that should be the greatest priority for undergoing in-depth pedestrian and bicycle safety assessment. Uses observable characteristics of an intersection crossing or approach leg and produces a safety index score, with higher scores indicating greater priority for an in-depth safety assessment. The tool is intended to provide a rating of the safety of an individual crossing (Ped ISI) or approach leg (Bike ISI) rather than evaluating the intersection as a whole.	2006
Pedestrian Environment Data Scan (PEDS) Tool	University of Maryland and University of North Carolina	http://planningandactivity.unc.edu/PEDS%20Instrument%20v.2.pdf	An instrument to measure environmental features that relate to walking in varied environments. Was designed to specifically address pedestrian concerns as well as minimize cost and implementation time.	2007

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Pedestrian Environmental Quality Index (PEQI)	San Francisco Department of Public Health	http://peqiwalksafe.com/docs/PEQI2.0_AuditForm.pdf	A tool used to assess the quality of the pedestrian environment and address pedestrian needs. Organized into 5 categories: intersection safety, traffic, street design, land use, and perceived safety.	2012
Pedestrian Walk Audits and Checklists	Various	http://www.pedbikeinfo.org/planning/tools_audits.cfm	Compilation of various walk audit tools hosted by the Pedestrian and Bicycle Information Center.	various
Pennsylvania Department of Transportation Bicycle and Pedestrian Checklist	Pennsylvania Department of Transportation	ftp://ftp.dot.state.pa.us/public/PubsForms/Forms/D-310.pdf	A checklist for planners to consider a variety of Smart Growth-based improvements to a community or development.	Unknown
Physical Activity Resource Assessment (PARA)	The University of Houston	http://grants.hhp.coe.uh.edu/undo/?page_id=21	A short measure of the quality, features, amenities, and incivilities of different types of physical activity facilities.	2010
Prevention Research Centers Healthy Aging Research Network (PRC-HAN) Street Segment and Intersection Audit Protocol and Tool	Prevention Research Centers Healthy Aging Research Network, University of Washington and Saint Louis University School of Public Health	http://depts.washington.edu/hprc/docs/29nov05_final_audit_tool.pdf	An audit tool designed to measure community-scale and street-scale factors associated with physical activity in older adults.	2005
Promoting Active Communities (PAC) Assessment	Michigan Department of Community Health	http://www.mihealthtools.org/communities/default.asp?tab=preview	A web-based self-assessment tool that enables communities to examine their policies, programs, and built environments related to promoting and supporting physical activity.	2008
Public Health in Land Use Planning & Community Design Checklist	National Association of County & City Health Officials and Tri-County Health Department, Colorado	http://www.naccho.org/topics/environmental/landuseplanning/upload/LandUseChecklist-03-10-03.pdf	A tool used to assist local public health agencies in their review of applications for new development or redevelopment plans. Can also be used to identify potential health impacts.	2003
Recreation Facility Evaluation Tool	University of South Carolina Prevention Research Center	http://prevention.sph.sc.edu/tools/docs/documents_recfacility.pdf	An instrument used to identify and evaluate parks, playgrounds, sports fields, aquatic facilities/pools, and recreation centers.	2003
Safe Routes Start-up Checklist	America Walks and Physical Activity Policy Research Network	http://www.saferoutesinfo.org/program-tools/america-walks-safe-routes-school-start-checklist	A tool for parents, school staff, and community members to identify the safety and popularity of walking and bicycling to school to support policies for improving current conditions.	2006
Safety Audit Checklist for Dual-Use Paths	Main Roads Western Australia	https://www.mainroads.wa.gov.au/Documents/SafetyAuditChecklistforDualUsePaths.doc	A tool to examine crash potential and safety performance of the road or road proposal.	1997
Senior Walking Environmental Assessment Tool - Revised (SWEAT-R)	Oregon Health and Science University and Portland State University	http://wolfriver.irt.drexel.edu/SiteData/docs/SWEAT-R_%20v11_CIHR_Revised-09-07-07/068a1e4e29d4dd9be61da178b04635e/SWEAT-R_%20v11_CIHR_Revised-09-07.pdf	A tool for measuring a broad range of built environment characteristics that may be linked to active aging.	2007
Sidewalk Assessment Tool	University of South Carolina Prevention Research Center	http://prevention.sph.sc.edu/tools/docs/document_sidewalk.pdf	A 5-item tool used to assess each segment of a sidewalk: levelness, artificial items blocking the path, natural items blocking the path, cleanliness (litter), and surface condition.	2005
Slips Assessment Tool (SAT)	Health & Safety Executive, UK	http://www.hse.gov.uk/slips/sat/proforma/satproforma.pdf	A tool that calculates the "slip risk" and evaluates the slip risk potential of pedestrian walkways/surfaces.	2006
Smart Growth Checklist for Municipal Land Use Planning and Management	New York State Department of Transportation	https://www.dot.ny.gov/programs/smart-planning/repository/SGCheck_Municipal_PRINT.pdf	Easy-to-use checklist for assessing whether current land use planning and management practices in a community align with the principles of Smart Growth.	Unknown
Smart Growth Code and Zoning Audit	Smart Growth Leadership Institute	http://www.smartgrowthamerica.org/documents/zoningaudit.pdf	Tool for evaluating whether local zoning codes, regulations and standards align with Smart Growth principles.	2007
Smart Growth Development Checklist	City of New Westminster, BC: Planning	http://www.epa.gov/smartgrowth/scorecards/Westminster_scorecard.pdf	The scorecard rates projects in six broad sustainability categories - accessibility, housing choice, efficient use of public funds, protect open space and natural areas, placemaking, and shorter commutes and more transportation choices.	2004
Smart Growth Matrix	Transportation, Planning, and Design Department, Austin, TX	http://www.epa.gov/smartgrowth/scorecards/austin_matrix.pdf	Points-based tool used to determine the Smart Growth attributes of a specific development project.	2001
Smart Growth Policy Audit	Smart Growth Leadership Institute	http://www.smartgrowthamerica.org/documents/policyaudit.pdf	An audit used to review the land use and development policies in a community to help achieve a vision for smarter growth.	2007

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Smart Growth Project Scorecard	Smart Growth Leadership Institute	http://www.smartgrowthamerica.org/documents/scorecard.pdf	Measures the qualities of proposed development projects to see if they correspond to the community's vision for smarter growth.	2007
Smart Growth Scorecard	San Diego Association of Governments	http://www.sandag.org/uploads/projectid/projectid_344_9168.pdf	A scorecard that includes a set of 14 questions about land use, proximity to transit, accessibility, design and aesthetics, and other important characteristics.	2009
Smart Growth Scorecard: Municipal Review	New Jersey Future	http://www.epa.gov/smartgrowth/scorecards/NJFuturemunicipal_card.pdf	A scorecard used to identify strengths and weaknesses in municipal planning and decision-making related to Smart Growth.	Unknown
Smart Growth Scorecard: Proposed Development	New Jersey Future	http://www.epa.gov/smartgrowth/scorecards/NJFuturenewdevcard.pdf	A scorecard based on general smart growth criteria and can be used by citizens and local officials to evaluate development proposals and the potential benefits and drawbacks they may bring to the community.	Unknown
Southeastern Massachusetts Smart Growth Audit	A Partnership for Southeastern Massachusetts	http://www.epa.gov/smartgrowth/scorecards/SEMAauditform.pdf	Points-based tool with questions relevant to rural and urbanized areas.	Unknown
St. Louis Analytic Audit Tool and Checklist	Saint Louis University School of Public Health	http://www.midss.org/sites/default/files/audit_tool_analytic.pdf	A tool to measure the walkability and bikeability of street-scale environments as well as physical activity behavior.	2004
St. Louis Environment and Physical Activity Instrument	Saint Louis University School of Public Health	http://activelivingresearch.org/files/SLU_SURVEY_0.pdf	An instrument that measures perceived environmental influences on physical activity. Includes a detailed assessment of walking behavior and barriers to being physically active.	2006
Sustainable Communities Index (formerly the Healthy Development Measurement Tool or HDMT)	San Francisco Department of Public Health	http://www.sustainablecommunitiesindex.org/	A comprehensive evaluation metric of over 100 performance measures used to consider health needs in urban development plans and projects.	2006
Sustainable Design and Green Building Toolkit for Local Governments	EPA Region 4	http://www.epa.gov/region4/recycle/green-building-toolkit.pdf	A toolkit for local governments with several resources for addressing local codes of ordinances that affect the design, construction, renovation, operation, and maintenance of a building and its immediate site. Contains an assessment tool, a resource guide, and a guide for developing an implementation action plan for changes to the permitting process. It can also be used by members of the development community and other building professionals.	2010
TOD Checklist	Reconnecting America	http://reconnectingamerica.org/assets/Uploads/tch.pdf	A comprehensive list of what to look for in good TOD projects and plans. This checklist is designed to help evaluate the specific elements and items that go into transit-supportive station area plans and development proposals.	2007
Trail/Path Planning Checklist	Oakland County Planning & Economic Development Services	http://www.destinationoakland.com/parksandtrails/trailsoakroutes/Documents/trails_planning_checklist.pdf	A 10-step structured checklist designed to help get the establishment of a trail/path network started in a community, guide planning efforts, and measure progress.	2003
Transit Score®	Walk Score®	http://www.walkscore.com/transit-score-methodology.shtml	Online tool that rates how well a location is served by public transportation.	Unknown
Twin Cities Walking Survey	University of Minnesota, Cornell University, and University of Pennsylvania School of Medicine	http://activelivingresearch.org/node/10619	A self-administered survey to measure the relationship between built environments, walking behavior, physical activity barriers, and total physical activity.	2003
Vermont Smart Growth Scorecard	The Vermont Forum on Sprawl	http://www.epa.gov/smartgrowth/scorecards/VTscorecardvtfonspawl.pdf	A scorecard that allows communities to assess their own ability to handle projected growth and development. The scorecard is arranged into eight categories based on locally developed principles that describe smart growth in Vermont.	2000

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Walk Score®	Walk Score®	www.walkscore.com/	A scorecard that allows communities to assess their own ability to handle projected growth and development. The scorecard is arranged into eight categories based on locally developed principles that describe smart growth in Vermont.	Unknown
Walkability Checklist	Pedestrian and Bicycle Information Center	http://katana.hsrc.unc.edu/cms/downloads/walkability_checklist.pdf	A checklist designed to help identify specific walking problems and provide suggestions on what can be done to solve them.	Unknown
Walking and Biking Suitability Assessment (WABSA)	The University of North Carolina at Chapel Hill School of Public Health	http://www.unc.edu/~jemery/WABSA/tools.htm	Tools that are used to assess the suitability of local streets for walking and bicycling.	2003
Walking Route Audit Tool for Seniors (WRATS)	San Diego State University and University of California, San Diego	http://activelivingresearch.org/files/WRATS_AuditTool_07.17.09_0.pdf	An audit tool that can be used to assess the features and traffic safety issues associated with a specific walking route.	Unknown
Worksite Walkability Audit Tool	Centers for Disease Control and Prevention	http://www.cdc.gov/nccdphp/dnpao/hwi/downloads/walkability_audit_tool.pdf	A tool that examines the suitability of workplace routes for recreational walking and the presence of features needed for persons with mobility impairments.	2005