

Design for Health

Health Impact Assessment

- Developed HIA tools tailored to planners
 - Preliminary Assessment (checklist)
 - Rapid Assessment (participatory workshop)
 - Threshold Analysis (comprehensive)
- Identify and evaluate effects of policies, plans, programs, and designs on health
- Detailed guidebooks and training workshops assist planners in using tools



Amy Smith

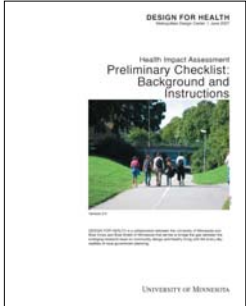
Design for Health
November 20, 2009

UNIVERSITY OF MINNESOTA
www.designforhealth.net

Preliminary Checklist

Overview

- Overview of the Preliminary Checklist HIA 2.1
- Application of HIA to proposal and plan
- Outcomes of the HIA process




Design for Health
November 20, 2009

UNIVERSITY OF MINNESOTA
www.designforhealth.net

Preliminary Checklist

Overview

- First step in HIA process
- Checklist/survey of health issues
- Determine if further assessment is needed
- Quick
- Point-based



Cortina Schreyer, Bookbinder


Design for Health
November 20, 2009

UNIVERSITY OF MINNESOTA
www.designforhealth.net

Preliminary Checklist

Overview

- Assesses significance of project, plan, or policy in terms of its size and scope
 - Is it significant enough to assess?
 - Does the plan or proposal meet some initial thresholds for a healthy community?
- Initial scan of impacts
- Helps determine whether additional analysis is needed



Cortina Schreyer, Bookbinder


Design for Health
November 20, 2009

UNIVERSITY OF MINNESOTA
www.designforhealth.net

Preliminary Checklist

Part I: Is it **significant** enough to assess?

1. Geographic extent
2. Reversibility
3. Population or workforce increase
4. Cumulative impact
5. People affected
6. Land use change
7. Institutional capacity



Cortina Schreyer, Bookbinder

Design for Health
November 20, 2009

UNIVERSITY OF MINNESOTA
www.designforhealth.net

Preliminary Checklist

Part 1: Is it **significant** enough to assess?

Key Questions	No	Uncertain	Yes	
Geographical extent: Does it apply to a geographic area of a full city block or larger?²	0	1	2	
Cumulative impact: Is it occurring in a place where specific local health problems have been identified (e.g. traffic safety, air quality, lack of healthy foods, contaminated brownfield)?	0	1	2	
People affected: Does the project or plan affect vulnerable groups (e.g. children, older people, people with low incomes)?	0	1	2	
Total		+	+	=

If total score is 11 or greater, HIA may be needed, move to Part 2.
If total score is 7-10, a HIA is potentially needed, moving to Part 2 recommended.
If total score is 6 or less, no HIA is required. You may wish to do a HIA on a targeted area or problem.

Design for Health
November 20, 2009

UNIVERSITY OF MINNESOTA
www.designforhealth.net

Preliminary Checklist

Part 2: Does the plan/policy/project meet **thresholds**?

1. Accessibility
2. Physical activity
3. Social capital
4. Air quality
5. Water quality
6. Food
7. Safety



Preliminary Checklist

Part 2: Does the plan or proposal meet some initial **thresholds** for a health community?

Key Questions	No	Uncertain	Yes
Accessibility: Is there regularly scheduled transit service within ¼ miles of all residential and employment areas?	2	1	0
Air quality: Are there any residential areas or schools within 200 meters of a major auto-related transportation corridor such as a freeway or road with six or more lanes?	0	1	2
Food: Are there supermarkets or fruit and vegetable stores located within a mile of each home?	2	1	0
Total	+	+	=

If total score is 13 or greater, it is recommended that you conduct an HIA.
If total score is 8-12, an HIA is potentially needed.
If total score is 7 or less, no HIA required. You may wish to do an HIA on a targeted area or problem.

Preliminary Checklist

Completing the Preliminary Checklist

- What information is needed?
- Where do I get information?
- Who should be involved?
- How do you use it for a proposal or plan?
 - Project proposal (e.g. mixed use development)
 - Corridor plan (e.g. transit corridor development strategy)



Preliminary Checklist

Completing a Preliminary Checklist (Part 1) - Proposal

Key Questions	What info?	Where to get it?	Who has it?
Geographic extent: Does it apply to a geographic area of a full city block or larger?	•Proposed project boundaries •Street network	•Site plan •Master streets plan	•Developer •Planning •Public works
Cumulative impact: Is it occurring in a place where specific local health problems have been identified (e.g. traffic safety, air quality, lack of healthy foods, contaminated brownfields)?	•Proposed land use •Health data •Site conditions •Traffic conditions	•Site plan •Comprehensive plan •Environmental review •Transportation plan •CIP	•Developer •Planning •Environmental services •Public works •MDH, MPCA •EPA
People affected: Does the project or plan affect vulnerable groups (e.g. children, older people, people with lower incomes)?	•Existing and proposed land use •Demographic information	•Site plan •Comprehensive plan •Census	•Developer •Planning •Housing/service providers •School district

Preliminary Checklist

Completing a Preliminary Checklist (Part 2) - Proposal

Key Questions	What info?	Where to get it?	Who has it?
Accessibility: Is there regularly scheduled transit service within ¼ miles of all residential and employment areas?	•Proposed land use •Transit routes	•Site plan •Transit system map	•Developer •Planning •Public works •Metro Transit
Air quality: Are there any residential areas or schools within 200 meters of a major auto-related transportation corridor such as a freeway or road with six or more lanes?	•Proposed land use •Roadway locations and functional classification	•Site plan •Comprehensive plan •Transportation plan (local, county, state) •CIP (local, county, school district)	•Developer •Planning •Public works •County •Mn/DOT •School district
Food: Are there supermarkets or fruit and vegetable stores located within a mile of each home?	•Existing and proposed land use •Permit information	•Site plan •Comprehensive plan •Business license files	•Developer •Planning •Housing services •Business licensing agency

Design for Health Healthier Communities through Smart Growth

Health Impact Assessment
Level 1: Preliminary Checklist
Version 2.1

Introduction: The HIA preliminary checklist is used to provide a relatively simple approach that can be used to assess the potential health impacts of a project or policy. It is the first step in a multi-step process to assess and address the health impacts of a project or policy. The checklist is intended to be used by project developers, planners, and public officials. It is not intended to be used as a substitute for a formal health impact assessment. For more information on the HIA process, see the HIA manual and the HIA website.

Part 1: Is it of enough significance to assess?

Key Questions	No	Uncertain	Yes
Geographic extent: Does it apply to a geographic area of a full city block or larger?	0	1	1
Accessibility: Will the changes for details or expansion to transit service be significant?	0	1	1
Proximity to transit: Does it substantially increase the residential population density or job density within a transit stop and/or station area?	0	1	1
Proximity to transit: Is it occurring in a place where specific local health problems have been identified (e.g. traffic safety, air quality, lack of healthy foods, contaminated brownfields)?	0	1	1
People affected: Does the project or plan affect vulnerable groups (e.g. children, older people, people with lower incomes)?	0	1	1
Land use: Does it substantially change the predominant land use in the geographic area?	0	1	1
Local government: Is the project or plan in a local government jurisdiction and is it subject to local government review?	0	1	1
Total	0	5	6

If total score is 6 or greater, HIA may be needed, move to Part 2.
If total score is 5 or less, HIA is potentially needed, consider if HIA is warranted.
If total score is 0 to 4, no HIA is required. You may wish to do an HIA on a targeted area or problem.

Design for Health Healthier Communities through Smart Growth

Preliminary Checklist

Using the HIA

- Who is involved?
 - City staff – planners, engineers, parks, public health, others
 - Public
 - Elected/appointed officials
 - Other agencies/organizations
- What is required?
 - Time varies
 - Basic knowledge of the project, plan, or policy



Design for Health
November 20, 2009

www.designforhealth.net

UNIVERSITY OF MICHIGAN

Preliminary Checklist

Using the HIA

- What are the outcomes of a preliminary checklist?
 - Knowledge about the connections between health and planning
 - Additional HIA may be needed
 - Key health concerns may emerge
 - Need for scoring adjustments to reflect local values and conditions



Design for Health
November 20, 2009

www.designforhealth.net

UNIVERSITY OF MICHIGAN

Preliminary Checklist

Local Cases

- **Eden Prairie** – evaluation tool with elected officials during a town center tool
- **Eden Prairie** staff – staff evaluated senior housing project
- **Carver County** – evaluate citizen petition for environmental impact assessment, added questions on air quality, demolition impacts, and social capital
- Used by staff in comprehensive plan updates in other cities



Design for Health
November 20, 2009

www.designforhealth.net

UNIVERSITY OF MICHIGAN