



New Mexico Health Equity Partnership HIA Scoping Exercises

Activity 1: Defining HIA goals and developing a 1 page case study

1. Confirm the proposed policy your HIA will focus on.

2. Define 2 goals for your HIA and how you will utilize the HIA in your coalition.

3. Identify 2-3 health determinants that will be impacted by your proposed policy decision. The following are common health determinants assessed in HIAs: secure employment, job quality and safety, quality and accessibility of housing, quality of nutrition, access to goods and services, access to parks, etc. Feel free to investigate other topics not listed here as well related to the proposed policy your HIA will inform.

4. Determine which populations and geographic areas will be most impacted by the proposed policy.

5. Determine who will start to compile information regarding your HIA (goals, proposed policy, health determinants, partners, etc.) into a 1 page case study.

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Activity 2: Developing pathway diagrams for each health determinant

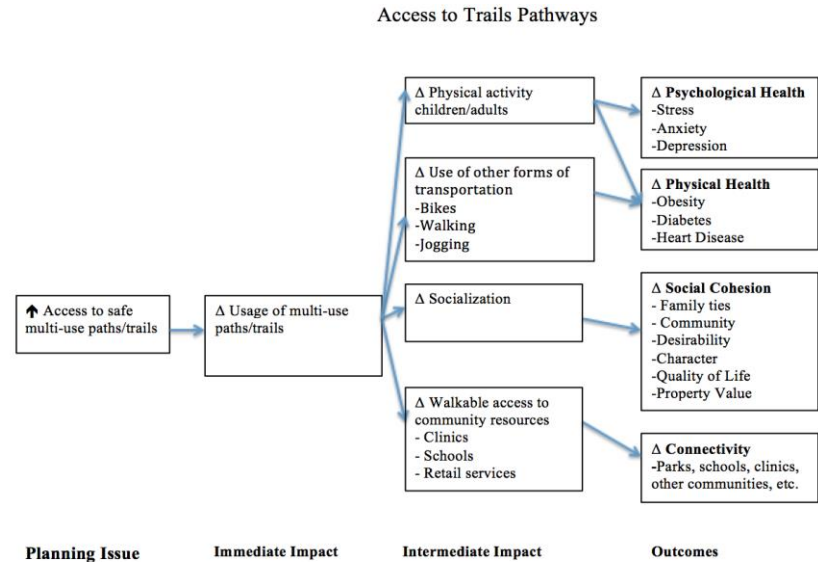
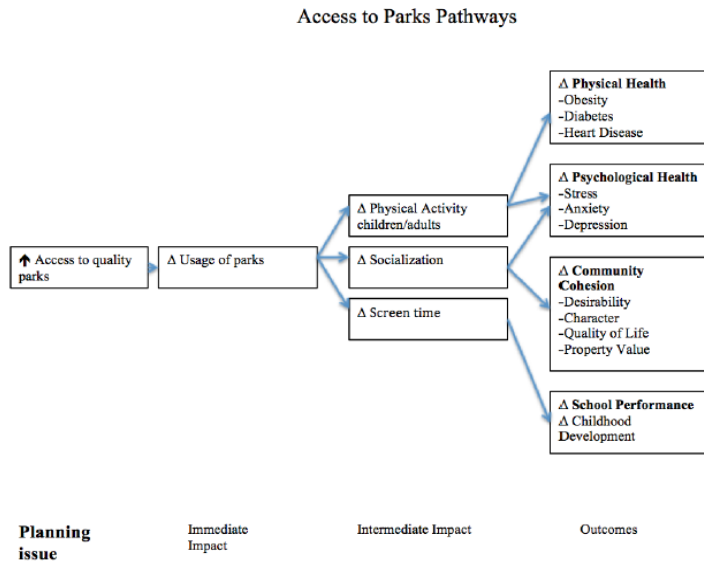
Within the context of your case study scenario, please identify the 2-3 health determinants that will be prioritized in your HIA for the proposed project, plan or policy.

Health Determinant #1: _____

Health Determinant #2: _____

Health Determinant #2: _____

On the following pages, describe potential pathways from the proposed project, plan or policy to changes in social and environmental conditions that lead to each health determinant you've selected. Identify potential health outcomes resulting from your health determinant as well (draw a "pathway diagram"). On the right hand side of the pathway, please make sure you are illustrating the potential health outcomes for vulnerable children. Examples are provided below:



Pathway Diagram for Health Determinant #1_____ (draw visual below)

Pathway Diagram for Health Determinant #2_____ (draw visual below)

Pathway Diagram for Health Determinant #3_____ (draw visual below)

Activity 3: Completing the scoping worksheet for each health determinant

Now for each health determinant you have identified, complete the following worksheet with questions for one proximate effect, one health outcome, and one vulnerable population.

- Identify an “existing conditions research question” to understand baseline conditions related to the health determinant.
- Identify an “impact research question” that describes how the project, plan, or policy may impact baseline conditions related to the preceding question.
- Identify the indicators that can be used to answer the preceding existing conditions and impact questions.
- Identify the data sources for each indicator.
- Identify the methods that will be used to assess baseline conditions and predict impacts.
- List high-medium-low priority for the research questions and/or indicators.
- List any special notes to keep in mind.

An example of a completed scoping worksheet for one health determinant is shared on the next page.

HIA Scoping Worksheet – Example

Project:	Freeway Expansion					
Health Determinant:	Air Quality					
Geographic Scope:	0-150m from freeway; 150-300m; County/Region					
Existing Conditions Research Questions	Impact Research Questions	Indicators	Data Sources	Methods	Priority	Notes
What are existing levels of air pollution?	Based on traffic model, how will the projected changes affect air quality? How would specific features of the proposal (e.g., carpool lanes) impact AQ?	Levels of some of the following: Carbon Black, NOx, SOx, DPM, PM2.5, PM10 Levels of above pollutants attributable to traffic on freeway Level of emitted NO2 Level of emitted ultrafine particles	Environmental Impact Assessment; AQ modeling; emissions inventories; local studies	AQ modeling; GIS mapping lit review	High	
What are current asthma rates compared to county and state? How many missed school days are currently attributable to asthma in the impacted areas?	How would changes in air quality resulting from the project be expected to impact asthma risk? How would changes in asthma rates be expected to impact missed school days?	Asthma prevalence, hospitalizations Days of missed school due to asthma	Health survey; hospital admissions data School district	Model using odds ratios from meta-analyses (e.g., Weinmayr) Qualitative description (lit review and review of available stats)	High	
How do demographics of populations living near air pollution sources compare to characteristics of people living elsewhere?	Will projected changes in air pollution exposure adversely impact people with social, economic, or education-related vulnerabilities?	Income, ethnicity/race, age data	Census	Qualitative description (lit review and review of available stats)	High	

Scoping Worksheet for Health Determinant #3_____

HIA policy focus:						
Geographic Scope:						
Existing Conditions Research Questions	Impact Research Questions	Indicators	Data Sources	Methods	Priority	Notes

Source Credit: Thank you to Human Impact Partners for providing the NMHEP with training and the use of their materials to modify into our own. We are grateful for all HIP has done to building the capacity of HIA in New Mexico.