Welcome
Health Impact Assessment Scoping Webinar
This webinar is being recorded

There are many cool interactive functions for today’s presentation!

4 buttons on your screen - test audio, Q & A, chat, raise hand.

If you are having technical issues with audio, try the test audio function.

Please note: as a webinar participant, you do not have audio/video ability until you are called on. To be called on, simply raise your virtual hand.
How to Interact Today with ZOOM Webinar

4 buttons in the top left corner of your screen - test audio, Q & A, chat, raise hand.

We will call on you.... this may take a moment or two as it switches over.

The Q & A box is great place to put a question to be answered, especially if you don’t care to be called on.

The Chat box: is great for any comments, to let us know something isn’t working, to say hello, feel to introduce yourself by organization or community, you can also talk amongst yourselves with the private chat.

There really is no wrong way to interact.
Please share, because we want to hear form you!
Introduction to HIA Agenda

Slide 5 – HEP Introduction

Slide 9 – Introduction of HIA Teams

Slide 13 – Scoping Objectives

Slide 17 – Case Study Example

Slide 24 – Scoping Exercises

Slide 37 – Discussion and Questions

Slide 38 – Wrap Up
Meet the HEP team

Jessi
Grants & Capacity Building Strategist

Jinelle
Creative Logistics & Operations Associate

David
Communications & Marketing Associate
Meet the HIA Technical Assistance Providers

Yolanda

Christina

Richard
About Us

New Mexico Health Equity Partnership, an initiative at the Santa Fe Community Foundation founded in 2012

**Shared Value:** Every NM should have the opportunity to lead a healthy life and have a say in decisions that impact their communities and lives.

**Purpose:** Train groups on how to make a more compelling case to decision makers on issues they care about that affect their health.

**Tool:** We provide financial resources, training and coaching to support communities to complete Health Impact Assessments.

**Approach:** We support community leaders to be their own champions and ensure residents have a real voice and seat at the table.
Welcome Participants

Ice Breaker Question:
If you could send a one word message to yourself as a pre-teen, what would it be?
Welcome HIA Teams

- **Somos Un Pueblo Unido** - The health impacts of the collaboration between U.S. Immigration Customs Enforcement (ICE) and local law enforcement on rural and semi-rural immigrant families in San Juan county.

- **Together for Brothers** - The health impacts of free bus passes on young men of color, including native, immigrant and refugee youth in the International District and Westgate neighborhoods in Albuquerque.

- **Global 505** – The health impacts of language access and how that connects to education, employment and transportation opportunities in refugee and immigrant communities in Albuquerque.
The Health Impacts of the Collaboration between U.S. Immigration Customs Enforcement and Local Law Enforcement on Rural and Semi-rural Immigrant Families

Connection to Health: The HIA will examine the connection between collaboration policies and: 1) family unity, 2) economic security, and 3) access to health and other key services and the link this has to stress, mental and physical health of children between the ages of 0-8.

Partnerships: Somos Un Pueblo Unido will work with its San Juan County affiliate, Familias Unidas and other community partners, including: Sexual Assault Services, Family Crisis Center, and Engaging Latino Communities for Education.
The Health Impacts of Free Bus Passes on Young Men of Color in the International District and Westgate Neighborhoods in Albuquerque

Connections to Health: The HIA will assess the connection between what free bus passes for young people would mean for increased access to: 1) recreation and other activities, 2) educational opportunities, 3) employment opportunities and 4) walking and other healthy habits and the connection this has to emotional, mental and physical health outcomes.

Partnership: Together for Brothers (T4B), an organization led by young men of color, will work with other community organizations (i.e. International District Healthy Communities Coalition, Juntos, etc.) in Bernalillo County. The HIA will provide intentional opportunities for young men of color, ages 14-24 to strengthen their leadership, collect data through motivational interviews with riders of public transit, and educate decision makers on issues of importance to them utilizing art, infographics, and short videos.
The Health Impacts of Language Access in Refugee and Immigrant Communities

Connections to Health: The HIA will assess the connection between what language access for refugees and immigrants would mean for increased access to quality: 1) education, 2) employment, and 3) transportation.

Partnerships: New Mexico Asian Family Center's Global 505 network, which unites voices representing Asian, African, Latino, and Muslim communities across Albuquerque has held two HIA convening using art and play as a medium to hone in on their specific HIA topic. Global 505 partners that participated in the first two events included Juntos: Our Air, Our Water, Catholic Charities, Women's Global Pathways, and Refugee Well Being Project.
Webinar Purpose

Review the second step of HIA, Scoping.
# HIA Steps

<table>
<thead>
<tr>
<th>HIA Step</th>
<th>Description</th>
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<tbody>
<tr>
<td>Screening</td>
<td>Determines the need and value of an HIA</td>
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<tr>
<td><strong>Scoping</strong></td>
<td><strong>Determines which health impacts to evaluate, methods for analysis, and a workplan</strong></td>
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<td>Assessment</td>
<td>Provides:</td>
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<tr>
<td></td>
<td>1) a profile of existing health conditions</td>
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<td>2) evaluation of potential health impacts</td>
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<tr>
<td>Recommendations</td>
<td>Provide strategies to manage adverse health impacts and maximize benefits to health</td>
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<tr>
<td>Reporting</td>
<td>Includes:</td>
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<tr>
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<td>1) development of the HIA report</td>
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<td>2) communication of findings &amp; recommendations</td>
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<tr>
<td>Evaluation &amp; Monitoring</td>
<td>Tracks and evaluates:</td>
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<td></td>
<td>1) the process of conducting the HIA</td>
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<td>2) impacts on decision-making processes and implementation of the decision</td>
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<tr>
<td></td>
<td>3) impacts of the decision on health outcomes</td>
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Step 2: Scoping

Objective

To create a plan for conducting a HIA that defines priority issues, research questions and methods.
Developing an HIA Scope

- Develop a project timeline and work plan
- Develop a plan for stakeholder engagement and identify roles for stakeholders
- Determine HIA goals, health determinants, and develop a 1 page case study
- Identify vulnerable populations
- Identify geographic and temporal boundaries for the assessment
- Confirm health determinants and identify health outcomes the proposal will impact
- Develop pathway diagrams
- Generate research questions
- Identify preliminary data sources and methods
- Consider how HIA will be communicated and reported
Case Study Sample Project
Doña Ana County Scoping

Through the scoping process the HIA team decided that the HIA would focus on analyzing how proposed changes to the county’s comprehensive plan could impact health by changing the following conditions (health determinants):

Access to parks and trails

Community cohesion

Vulnerable Populations

Doña Ana County residents, particularly those suffering from chronic diseases and those who have limited access to parks and trails

Doña Ana County youth
Sample Pathway for HIA Report

Access to Parks Pathways

↑ Access to quality parks → △ Usage of parks

△ Physical Activity
children/adults

△ Socialization

△ Screen time

△ Physical Health
- Obesity
- Diabetes
- Heart Disease

△ Psychological Health
- Stress
- Anxiety
- Depression

△ Community Cohesion
- Desirability
- Character
- Quality of Life
- Property Value

△ School Performance
△ Childhood Development

Planning issue

Immediate Impact

Intermediate Impact

Outcomes
Sample Pathway for HIA Report

Access to Trails Pathways

↑ Access to safe multi-use paths/trails
Δ Usage of multi-use paths/trails

Δ Physical activity
- children/adults

Δ Use of other forms of transportation
- Bikes
- Walking
- Jogging

Δ Psychological Health
- Stress
- Anxiety
- Depression

Δ Physical Health
- Obesity
- Diabetes
- Heart Disease

Δ Socialization

Δ Social Cohesion
- Family ties
- Community
- Desirability
- Character
- Quality of Life
- Property Value

Δ Walkable access to community resources
- Clinics
- Schools
- Retail services

Δ Connectivity
- Parks, schools, clinics, other communities, etc.

Planning Issue
Immediate Impact
Intermediate Impact
Outcomes
How would changes to the county’s comprehensive plan impact access to parks and trails?

How would changes in access to parks and trails impact community cohesion?

How would changes in access to parks and trails impact levels of physical activity and chronic disease among vulnerable populations?

What are the current barriers that local residents face in terms of access to county parks and trails?
# Health Determinant: Access to Parks

<table>
<thead>
<tr>
<th>Existing Conditions Research Question</th>
<th>Impact Research Question</th>
<th>Indicators (how to measure the issue identified)</th>
</tr>
</thead>
</table>
| How many parks and recreation areas are currently in the community? | How would shared-use agreements with schools impact access to parks and recreation areas for residents? | Parks  
Population and location of residents  
Number and location of schools |
| What is the current state of park facilities and amenities in Doña Ana County? | How would changes to the comprehensive plan impact the quality of facilities and amenities in local parks? How could this impact park use? | Quality of facilities (reports of issues, maintenance activity, etc.) |
Questions
1. Activity 1: Defining HIA Goals and Developing a 1 Page Case Study

2. Activity 2: Drawing a pathway diagram for each health determinant

3. Activity 3: Developing research questions for each health determinant using a scoping worksheet
Activity 1: Developing Goals for your HIA

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.
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.
Common HIA Goals

Improve decision to account for health impacts
Include health in the decision-making process
Involve diverse stakeholders, including community members
Build the capacity of stakeholders to use HIA

<table>
<thead>
<tr>
<th>HIA Project</th>
<th>Goals</th>
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<tbody>
<tr>
<td>McKinley County HIA on uranium mining moratorium</td>
<td>Increase awareness among decision makers and impacted communities of health impacts of uranium mining&lt;br&gt;Highlight how the moratorium and other future policy could affect health of local communities&lt;br&gt;Include community stories and voice alongside existing research</td>
</tr>
<tr>
<td>Doña Ana County HIA</td>
<td>Ensure health language is incorporated into the county’s Comprehensive Plan&lt;br&gt;Inform broader discussion about health impacts of local policy</td>
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Health Determinants

Which conditions (health determinants) could be impacted by the proposed decision in your case study?

See “Determinants of Health” handout in your binder
Poll: Which health determinants will you be investigating through your HIA project?
Impacted Populations and Geographic areas

Which populations are most at-risk of being adversely affected by the proposed decision in your case study?

Which geographic areas do these community members live in?

Consider how community members most directly impacted will be engaged in the HIA process. It is critical that community members most directly impacted hold leadership roles throughout the process.
Impacted Populations and Geographic Area

Poll: Which populations will be impacted through your HIA project?
Activity 2: Developing pathway diagrams

• Draw pathway diagrams for each health determinant from the proposed policy.
• Identify potential health outcomes resulting from your health determinant.
• On the right hand side of the pathway, please make sure you are illustrating potential health outcomes for vulnerable children.
Lobos CO2 Pipeline HIA – Culture & Connection to Land

CO₂ pipeline built

Δ Control over land
   (eminent domain)

Δ Areas containing historic remains
   (e.g., Disruption to Native American, land grant and Hispanic heritage families)

Δ Community conflict
   (over pipeline project among neighbors)

Δ Cultural & spiritual traditions/practices

Δ Ability to fulfil responsibility of caring for land

Δ Ancestral legacy and land rights

Δ Community identity

Δ Connections to land, ancestors and history

Δ Support for future generations
   • Physical home/land
   • Community to sustain and support

Δ Community health status

Δ Mental health
   For example:
   • Historical trauma triggered
   • Stress
   • Depression
   • Isolation and loneliness
   • Substance abuse
   • Disempowerment

Δ General health status

Δ Social connectedness
While pathways in most HIA reports are linear, they do not always start out this way. In scoping meetings for the McKinley HIA, stakeholders felt more comfortable discussing impacts of the proposed decision in a circular format.
Activity 3: Completing the Scoping Worksheet

• Identify an “existing conditions research question”.
• Identify an “impact research question”.
• Identify the indicators.
• Identify the data sources for each indicator.
• Identify the methods that will be used.
• List high-medium-low priority for the research questions.
• List any special notes to keep in mind.
### Scoping Worksheet

**HIA Scoping Worksheet – Example**

<table>
<thead>
<tr>
<th>Project: Freeway Expansion</th>
<th>Health Determinant: Air Quality</th>
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<tbody>
<tr>
<td>Geographic Scope: 0-150m from freeway; 150-300m: County/Region</td>
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</table>

<table>
<thead>
<tr>
<th>Research Questions</th>
<th>Indicators</th>
<th>Data Sources</th>
<th>Method</th>
<th>Priority</th>
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</thead>
<tbody>
<tr>
<td>What are existing levels of air pollution?</td>
<td>Levels of some of the following: Carbon Black, NOx, SOx, DPM, PM2.5, PM10</td>
<td>Environmental Impact Assessment; AQ modeling; emissions inventories; local studies</td>
<td>AQ modeling, GIS mapping lit review</td>
<td>High</td>
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<tr>
<td></td>
<td>Levels of above pollutants attributable to traffic on freeway</td>
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<td></td>
<td>Level of emitted NO2</td>
<td></td>
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<td></td>
<td>Level of emitted ultrafine particles</td>
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<tr>
<td>What are current asthma rates compared to county and state?</td>
<td>Asthma prevalence, hospitalizations</td>
<td>Health survey, hospital admissions data</td>
<td>Model using odds ratios from meta-analyses (e.g., Weimayr)</td>
<td>High</td>
</tr>
<tr>
<td>How many missed school days are currently attributable to asthma in the impacted areas?</td>
<td>Days of missed school due to asthma</td>
<td>School district</td>
<td>Qualitative description (lit review and review of available stats)</td>
<td></td>
</tr>
<tr>
<td>How do demographics of populations living near air pollution sources compare to characteristics of people living elsewhere?</td>
<td>Income, ethnicity/race, age data</td>
<td>Census</td>
<td>Qualitative description (lit review and review of available stats)</td>
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<tr>
<td>HIA policy focus:</td>
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<tr>
<td>Geographic Scope:</td>
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<td>Existing Conditions Research Questions</td>
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Discussion and Questions?
Wrap Up

Where can you find us and learn more?

Sign up to be a HEP member and/or for our newsletter at www.nmhep.org

Follow us on www.facebook.com/NMHEP

Please view HIA reports at http://nmhep.org/resources/hia-reports/
Wrap Up

Acknowledgements

Thank you to all the webinar participants, new HIA teams, guest HIA team, HIA TA Providers, and Human Impact Partners for the use of their materials and ongoing training.
Thank you!