

Alaska Tribal Air Summit

Alaska Tribal Priorities



Presented by: Mary Mullan

Priority Gathering Methods

ALASKA TRIBAL AIR QUALITY PHASE I ASSESSMENT	
COMMUNITY:	Tribe:
COMPLETED BY (Name & Organization):	ASSESSMENT DATE:
Please read through each item in the table. If this is a problem in your community, mark an "x" in the box to the left.	
<p>1. ROAD DUST: Road surfacing materials such as dirt, sand, silt and gravel contain small particles that, when inhaled, can go deep into the lungs and cause health problems. Road dust can be particularly harmful to young children, elders, and individuals with existing medical problems.</p>	
<input type="checkbox"/>	1A. Road surface: Paving roads with asphalt surfacing material is an ideal because these materials do not easily release small particles into the air. Are most roads paved with asphalt? Mark an "x" in the box if most roads are <u>not</u> paved with asphalt.
<input type="checkbox"/>	1B. Road dust control: Road dust is commonly controlled in rural Alaska by spreading water on dusty roads or by treating roads with a palliative (road surface coating). Mark an "x" in the box if none of these dust control measures are available.
<input type="checkbox"/>	1C. Condition and use of Controls Measures: Sometimes dust control measures are available but not in good condition or not used. Water trucks should be operational as used when needed. Palliatives should be applied properly and re-applied as needed. Mark an "x" in the box if operating conditions and utilization of controls are inadequate.
<input type="checkbox"/>	1D. Weather conditions: Weather conditions may have a significant impact on the creation of airborne road dust. Does the community frequently experience dry and windy weather? Mark an "x" in the box if dry and windy conditions favoring the production of road dust are common.
<input type="checkbox"/>	1E. Speed limits: Speed limits are an example of an "administrative control". Administrative controls do not rely on construction or expensive equipment to reduce road dust. Instead, administrative controls require residents to change their behavior. Driving slower on unpaved roads produces less dust. Mark an "x" in the box if an ordinance has not been passed by the council establishing speed limits. Also place an "x" in the box if a speed limit has been established but is not enforced.
<input type="checkbox"/>	1F. Community concern: Are community residents concerned about road dust? Mark an "x" in the box if you are concerned about road dust your community. Also mark an "x" in the box if you are aware of other residents who are concerned about road dust.

- **ANTHC Phase 1 Air Assessments**
 - Fill out annually
- **Alaska Tribal Air Workgroup Poll**
 - Annual Poll to AK Tribal Workgroup

Priority Changes

Priorities can change with:

- Staff Turnover
- Environmental Conditions
- Community Concerns



Alaska Tribal Air Workgroup 2018 Poll

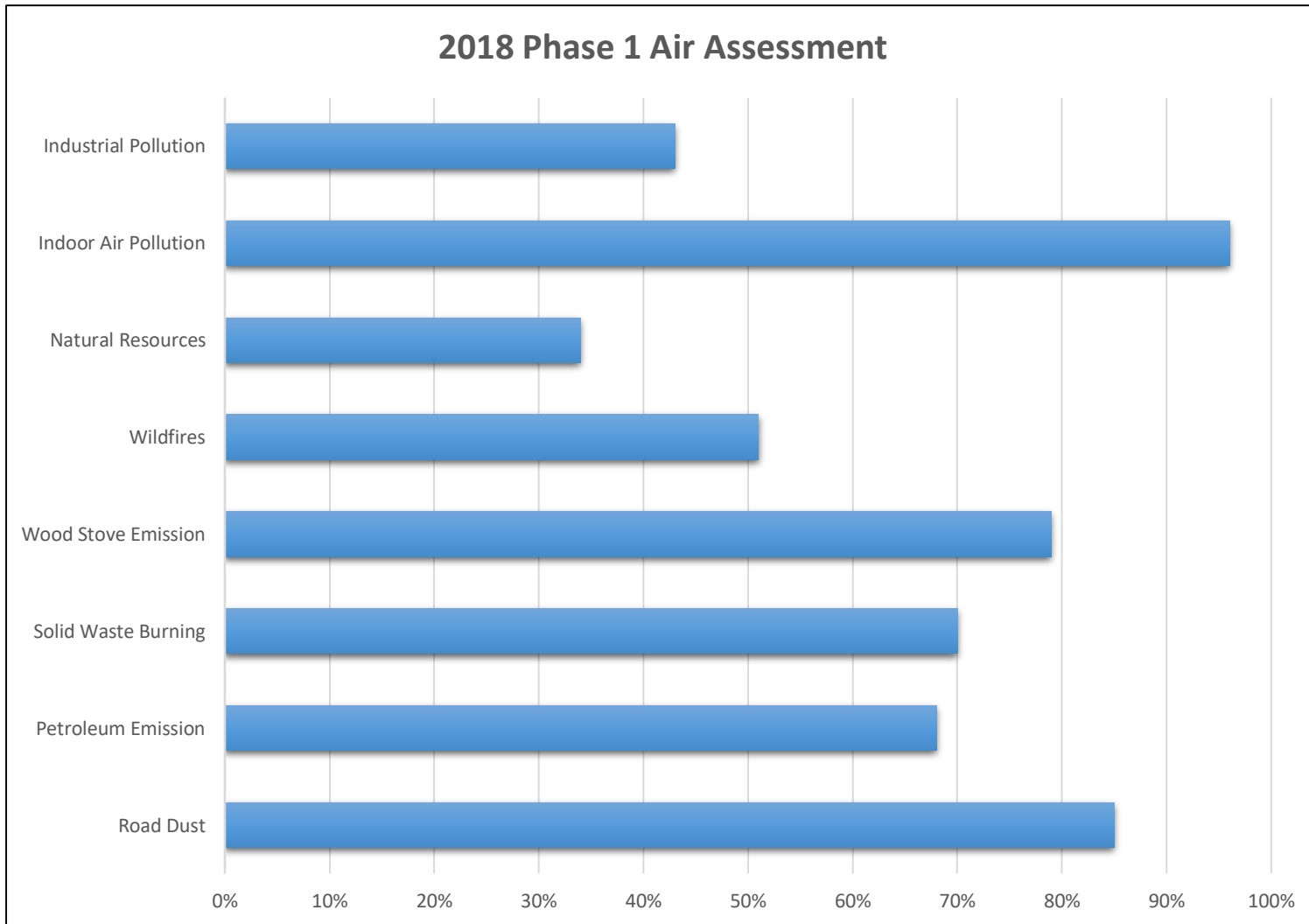
Question:

What is your biggest concerns regarding air quality or environmental changes that impact your community?

1. Erosion
2. Food Security
3. Road dust
4. Wood Smoke & Health Effects
5. Mold
6. Safety
7. Wildfires
8. Indoor Air Quality
9. Thawing Permafrost
10. Flooding
11. Poor Conditions of Homes



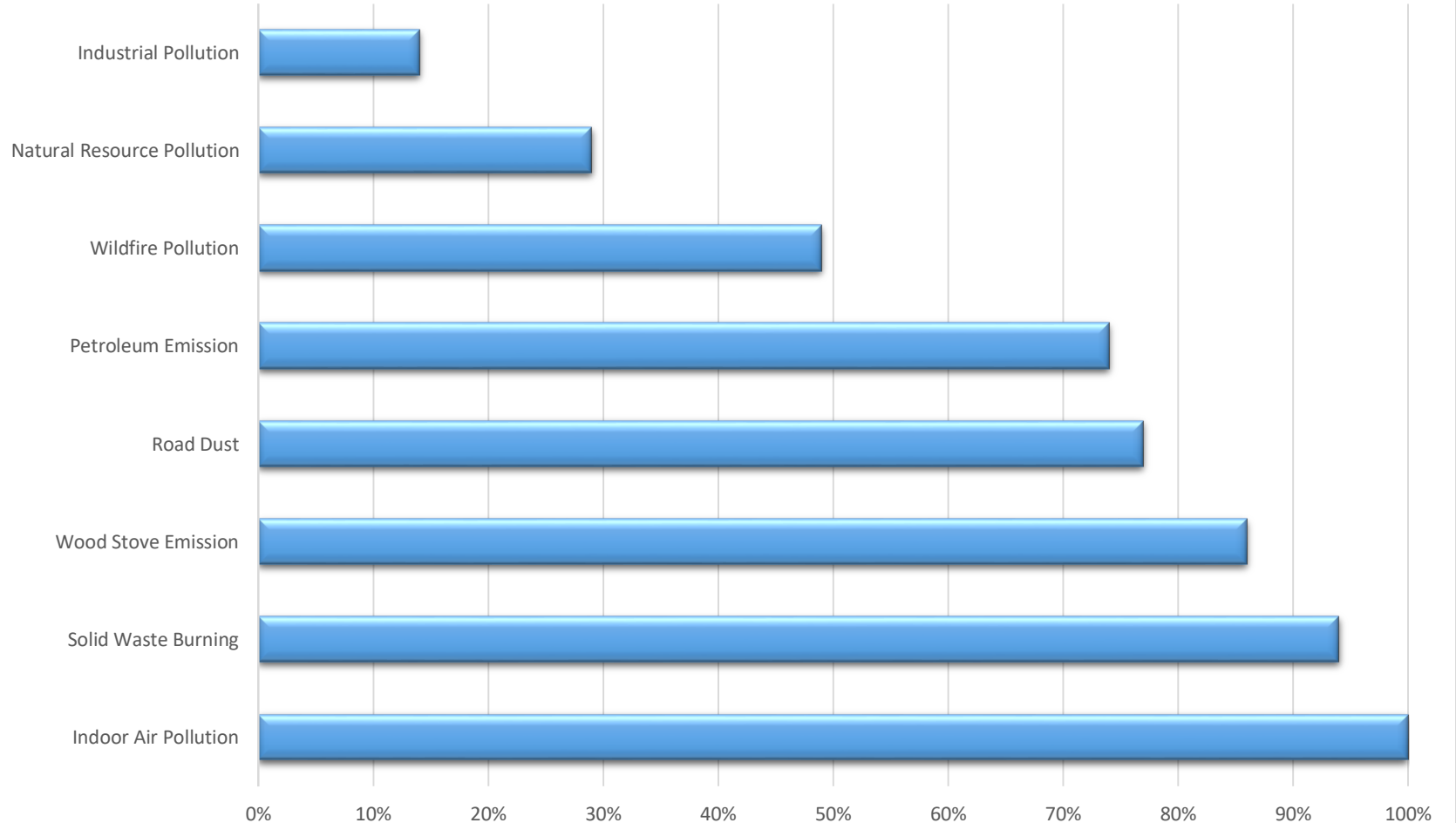
ANTHC Phase 1 Air Assessments



Since 2012, ANTHC has been using an Alaska Tribal Air Quality Phase 1 Assessment to help identify air quality priorities in Tribal communities. **A total of 47 assessments completed by 40 communities in 2018** and a total of 203 assessments in 120 communities since 2012 have been submitted. Data indicates that **Indoor Air Pollution, Road Dust, and Woodstove Emissions** are the top three (3) Tribally-identified air quality concerns in Alaska in 2018.

ANTHC Phase 1 Air Assessments

2017 Concerns

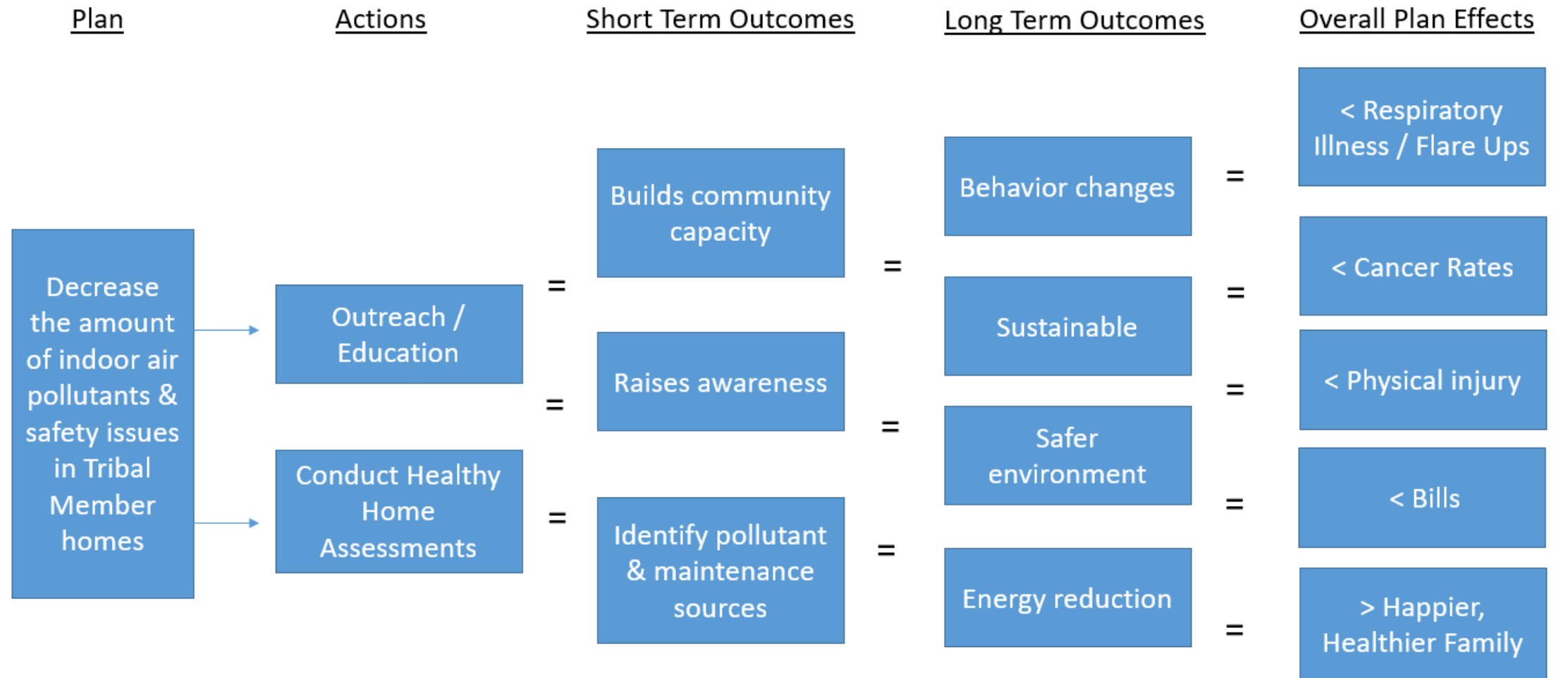


In 2017, 35 assessments were completed in Alaska with participants from 29 communities. **Indoor air quality, solid waste burning, and wood stove emissions** are rated the top 3 concerns.

ANTHC Phase 1 Air Assessments

Indoor Air					
Residents are disabling or turning off ventilation systems / known homes without working ventilation	Non-EPA certified wood stoves are common in the community	Burning wet wood in woodstoves is common	Mold is present in many homes in the community	Common for residents to smoke in the home	Residents are concerned about indoor air pollution
77%	59%	54%	80%	40%	80%

Creating Priorities Can Make A Change!



Questions??



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