

Coding instructions for content analysis of perceived populations affected by air pollution from fossil fuels

For the following variables, code each survey response for the presence or absence (0=absent; present=1) of the following categories listed below. The order in which the categories are mentioned in the survey response does not matter for the purposes of coding, simply the presence or absence of a particular category.

ALL – This category represents any response that indicates everyone or all people are vulnerable to the health effects of air pollution from burning fossil fuels. Examples include: “All of us” “Everyone”

BABIES/VERY YOUNG – This category represents any reference to babies, the unborn, or very young. This **DOES NOT INCLUDE** references to children or young people without the modifier of “very young”. Examples include: “babies” “the very young” “Infants” “toddlers”

CHILDREN/YOUNG – This category represents any reference to children or young people. This **DOES NOT INCLUDE** references to babies, the unborn, or very young. Examples include: “young children” “young” “kids” “Children”

CITY DWELLERS – This category represents any reference to people who live in cities, urban areas, and references to those in highly populated areas. Examples include “Those in highly populated areas” “City” “urban residents”

COAL MINERS– This category represents any **SPECIFIC** reference to people who work as coal miners or just miners. This **DOES NOT INCLUDE** any **NON-SPECIFIC** reference to people who live or work in polluted areas or simply live near coal mines. Examples include: “coal miners” “coalminers” “miners”

SENIORS – This category represents any reference to seniors, the elderly, or older adults. Examples include: “Elderly” “older” “the very old” “senior citizens”

DISENFRANCHISED – This category represents any general reference to people who are underprivileged or disenfranchised. Examples include: “Underprivileged”

LIVE/WORK IN POLLUTED AREA – This category represents any **NON-SPECIFIC** reference to people who live or work in polluted areas, including those close to or downwind of sources of pollution such as power plants and highways. Examples include: “people in downwind communities” “people near power plants” “those who live closer to facilities” “people who live close to freeways or power plants” “smog prone areas”

LOW IMMUNITY – This category represents any explicit reference to people with weakened immune systems. Examples include: “Immune compromised” “immune-suppressed individuals” “people with poor immune systems”

MINORITIES – This category represents any general reference to racial or ethnic minorities, people of color (sometimes abbreviated as POC), or specific references to certain minority groups including African Americans, Asians, Hispanics/Latinos, and American Indians. Examples include: “POCs” “asian american” “African Americans” “minorities” “Native Americans/Indians”

OUTDOOR WORKERS/FARMERS – This category represents any reference to farmers or people who primarily work outdoors. This DOES NOT INCLUDE any NON-SPECIFIC reference to people who live or work in polluted areas. Examples include: “people who work outdoors” “outdoor workers” “Farmers”

POOR/LOW INCOME – This category represents any reference to poor people, members of low-income households, or the homeless. Examples include: “Lower class” “Less fortunate” “homeless” “Poor” “Low-income individuals”

RURAL – This category represents any reference to people who live in rural or less populated areas. Examples include: “in less populated places”

SICK AND DISABLED – This category represents any general reference to people with pre-existing conditions, a more specific reference to people with illnesses such as lung disease, or the disabled. Examples include: “Those already affected by lung disease” “Those with lung problems” “Asthmatic people” “People with existing health conditions” “disabled individuals” “medically challenged” “People with heart problems”

SMOKERS – This category represents any reference to people who smoke. Examples include: “Smokers” “if a smoker”

SPECIFIC REGION – This category represents any reference to people who live in a particular geographic region. This DOES NOT INCLUDE NON-SPECIFIC references to people who live in cities or in rural areas. Examples include: “people who lives in west coast” “People living in the Appalachian areas” “Closer to the equator” “West Virginians” “Californians” “Coal Country Folks” “eastern US such as the winds blow from west to east”

UNINSURED/LIMITED HEALTHCARE – This category represents any general reference to people who don’t have health insurance or have limited access to healthcare because of where they live or because of an inability to afford it. Examples include: “people who can't afford good healthcare”

WOMEN – This category represents any reference to women. Examples include: “women” “pregnant women”

DON'T KNOW – This category includes any response that expresses a lack of sufficient knowledge to provide an answer. Examples include: “I don’t know” “not sure”

OTHER – This category includes any responses that are intelligible, but that don’t fit any of the other categories.

UNINTELLIGIBLE – This category includes any response that includes random strings of characters, OR a response that does not provide sufficient information to categorize it into one of the above categories. This category should only be applied if the ENTIRE response is unintelligible.

SKIPPED – This category includes any response that is left blank or skipped over with a response of “n/a”, any other variation of “not applicable”.