Data Sources for the **Minneapolis Population Characteristics and Environmental Indicators** Map

Population Characteristics

- Percent of people living below Federal poverty level– *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Percent of people of color and Indigenous peoples– *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Percent of people that do not speak English very well– *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Percent of people that have a disability (mental or physical) – *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Asthma hospitalizations (rate per 10,000 people) – *Minnesota Department of Health, ZIP code level data for the Twin Cities Metro Area, 2009-2013*

- Risk of poisoning from lead-based paint (based on age of home) – *Minneapolis Health Department, Lead and Asthma Risk in Minneapolis report, May 2015*

- Heart attack hospitalizations (age-adjusted rate per 10,000 people) – *Minnesota Hospital Association, 5-year estimates (2009-2013) for heart attack hospitalizations by ZIP code*

- Percent of the population less than 5 years old – *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Percent of the population age 65 years and older– *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Percent of the population 18 years old or older with at least high school diploma– *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Licensed nursing homes - *Minnesota Department of Health, database of licensed, registered or certified health care providers, December 30, 2016*

- Licensed child care centers and family child care - *Minnesota Department of Health, database of licensed, registered or certified health care providers, December 30, 2016*

- Public and public charter schools - *Minneapolis Public Schools, March 2017*

Gentrification Indicator

- Gentrification risk level – *University of Minnesota Center for Urban and Regional Affairs, 2016. Note: Neighborhood typologies for tract-level vulnerability, demographic change, and housing market designations based on methodology from Dr. Lisa Bates, Portland State University, 2013.*

Employment Indicators

- Unemployment rate – *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Number of jobs within 5 miles of Census Tract - *Minnesota Housing, Community Profiles for Planning in 2017*

Greening Indicators

- Normalized Difference Vegetation Index - *United States Geological Survey, December 2015; 30-meter raster grid (aerial photo), calculated by using near-infrared radiation minus visible radiation divided by near-infrared radiation plus visible radiation. The Normalized Difference Vegetation Index is a measure of "greenness."*

Industrial Activities and Contaminated Land/Soil Indicators

- Minnesota Pollution Control Agency permitted activities - *MPCA, What's in my Neighborhood, June 2016 download; Includes MPCA's permitted activities: air permits, stormwater permits, hazardous waste permits, tanks & leak sites, brownfields, solid waste and "multiple activities."*

- All identified potentially contaminated sites (a.k.a. Brownfields) - *MPCA, What's in my Neighborhood, June 2016 download; Includes MPCA's permitted activities: brownfield sites (Petroleum Brownfields, RCRA cleanup, Voluntary Investigation & Cleanup, and Superfund); active and inactive*

- Active Brownfield sites - *MPCA, What's in my Neighborhood, June 2016 download; Includes MPCA's permitted activities: only active brownfield sites*

- Percent of current industrial land use – *Minneapolis Community Planning and Economic Development, Current Land Use Map, 2010; Percent of land area that meets current land use category of general industrial, light industrial or transportation/communications/utilities.*

- MDA sites of soil and ground water contamination - *Minnesota Department of Agriculture, Sept 2015; known and potential sources of agricultural chemical soil and ground water contamination.*

Housing Quality and Affordability Indicators

- Tier 2 and 3 rental properties - *Minneapolis Regulatory Services, June 2016*

- Percent of households paying more than 30% of income on rent – *U.S. Census Bureau, American Community Survey, 5-year Estimates, 2015*

- Affordable Housing Gap - *Minnesota Housing, Community Profiles for Planning in 2017; Difference between the number of rental units affordable to 50% AMI and the number of rental households with incomes less than 50% AMI (gap).*

Food Access Indicators

- Grocery stores, markets and co-ops within ¼ mile of Census Tract - *University of Minnesota, 2016*

- Corner stores and retail outlets in compliance with Minneapolis staple food ordinance within ¼ mile of Census Tract – *Minneapolis Health Department, 2015*

- Farmers' markets, mini markets and farm stands within ¼ mile of Census Tract – *Homegrown Minneapolis, 2016*

- Operating food shelves within ¼ mile of Census Tract – *Homegrown Minneapolis, 2016*

Air Quality Indicators

- Community averages for Benzene exposure - *Minneapolis Health Department, 2015 (voluntary air monitors); based on average and maximum Benzene levels by community*

- Community averages for Tetrachloroethene (Perc) exposure - *Minneapolis Health Department, 2015 (voluntary air monitors); based on average and maximum Tetrachloroethene levels by community*

- Community averages for Trichloroethene (TCE) exposure - *Minneapolis Health Department, 2015 (voluntary air monitors), based on average and maximum Trichloroethene levels by community*

- Increased health risk from all air pollutants and all sources – *Minnesota Pollution Control Agency, 2016 (2011 data); All Sources Inhalation Risk Hazard Index shows the average risk above baseline for negative health outcomes resulting from all air pollutants and all sources (point source, area source, on-road mobile and off-road mobile) in the given Census Tract*

- Increased cancer risk from exposure to diesel-particulate matter from all sources - *Minnesota Pollution Control Agency, 2016 (2011 data); Diesel-PM Inhalation Risk Cancer Risk shows the average risk for cancer above baseline resulting from exposure to diesel-particulate matter from all sources within each Census Tract*

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