World Health Organization Regional Office for Europe
Quantifying Disease from Inadequate Housing

Housing Inadequacy	Disease
*Linkages with **sufficient evidence** for estimating burden of disease*	
Heat	Related cardiovascular effects and/or excess mortality
Cold indoor temperatures	Winter excess mortality
Energy efficiency of housing	Health
Radon exposure in dwellings	Cancer
Neighbourhood and building noise	Related health effects
Environmental tobacco smoke in dwellings	Respiratory and allergic effects
Lead in paint, dust, soil, and drinking water	Lead-related health effects
Humidity and mould in dwellings	Related health effects
Hygrothermal conditions	House dust mite exposure & respiratory disease
Building and equipment factors	Injuries / domestic accidents
Injury Database on domestic accidents	Injuries
Multifamily housing, high-rise housing, and housing quality	Mental health
*Linkages with **some evidence** for estimating burden of disease*	
Ventilation in the dwelling	Respiratory and allergic effects
Volatile organic compounds	Respiratory, cardiovascular and allergic effects
Cockroaches and rodents in dwellings	Respiratory and allergic effects
Cats, dogs, and mites in dwellings	Respiratory and allergic effects
Pets and mites	Respiratory, allergic or asthmatic effects
Sanitation and hygiene conditions	Related physical health effects
Social conditions of housing	Fear / fear of crime
Poverty and social exclusion	Related health effects
Crowding	Related health effects
Social factors / social climate	Mental health
*Linkages with **insufficient evidence** for estimating burden of disease*	
Lighting conditions in the dwelling	Mental and other health effects
Particulate matter in indoor air	Respiratory and allergic effects

Summary Report prepared by National Center for Healthy Housing from the "Report on the WHO technical meeting on quantifying disease from inadequate housing," Bonn, Germany, 28-30 November, 2005. See www.euro.who.int/Document/HOH/EBD_Bonn_Report.pdf. For more information on WHO Regional Office for Europe's work on housing and health, see www.euro.who.int/Housing/20060519_2.