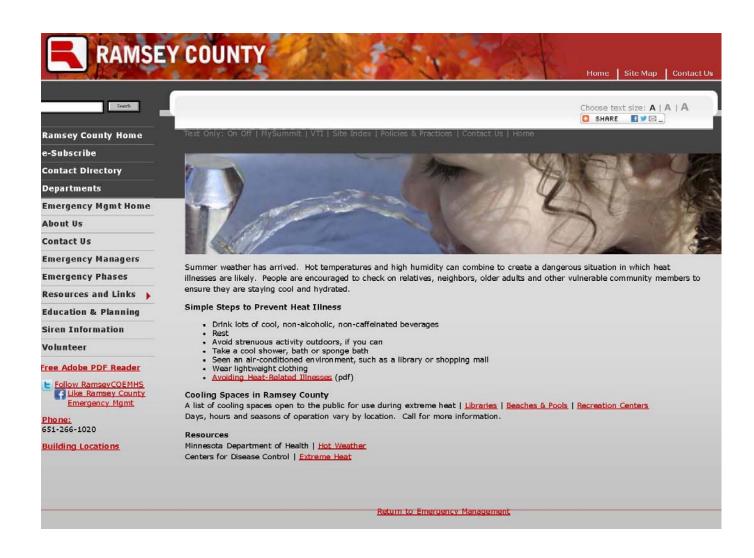
Saint Paul – Ramsey County Public Health Beat the Heat web page



Risk Communication to County Staff

- HP Manager sends all staff email to Department, encouraging them to contact vulnerable clients who may be at risk in extreme heat, as well as informing them what they can do to protect themselves and their family.
- County Manager sends email to all staff in all County
 Departments, encouraging them to contact vulnerable
 clients who may be at risk in extreme heat, as well as
 informing them what they can do to protect themselves
 and their family.

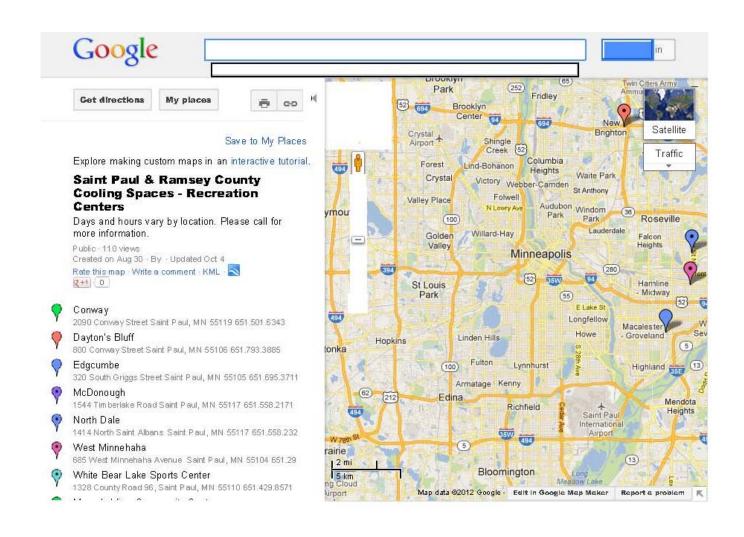
Countywide Email from County Manager Julie Kleinschmidt to all County Staff

- Please share this information with others in your department who may not be on Outlook.
- Tuesday, July 3, 2012, 11:50 a.m.
- Good morning.
- Summer weather has arrived. An Excessive Heat Warning has been issued by the National Weather Service through Thursday night. This means a combination of hot temperatures and high humidity combine to create a dangerous situation in which heat illnesses are likely.
- This situation will likely continue for the next few days including over the holiday. We urge all staff to take steps to protect themselves and their families, and ask that you consider how you might be able to help your friends and neighbors. Also, if your job for the County involves contact with the public, be alert for signs of heat-related illness in those we serve and refer them to the resources below for health and safety tips.
- Simple steps you can take (and encourage your neighbors to take) to prevent illness due to extreme heat include:
 - Drink lots of cool, non-alcoholic, non-caffeinated beverages
- Rest
- Avoid strenuous activity outdoors, if you can
- Take a cool shower, bath or sponge bath
- Seek an air-conditioned environment, such as a library or shopping mall
- Wear lightweight clothing
 - The Federal Emergency Management Agency (FEMA) has some great information on heat safety and emergencies at http://www.ready.gov/heat. The Centers for Disease Control and Prevention website has excellent resources on prevention of illness due to extreme heat (http://www.bt.cdc.gov/disasters/extremeheat). You may also access these resources through links posted on our Emergency Management and Public Health websites and on the County's home page.
- Additionally, our emergency preparedness partner, ECHO (Emergency and Community Health Outreach), currently has a recorded message on how to protect yourself during extreme
 heat. This recorded message is available in 10 languages. If you know people with Limited English Proficiency, prompt them to call ECHO, toll free, at (888) 883-8831 to get
 information in the primary languages spoken in Ramsey County.
- Julie
- Julie Kleinschmidt
- Ramsey County Manager
- 15 West Kellogg Blvd., #250
- St Paul. MN 55102
- Phone: 651-266-8009
- Fax: 651-266-8039
 - Working with You to Enhance our Quality of Life

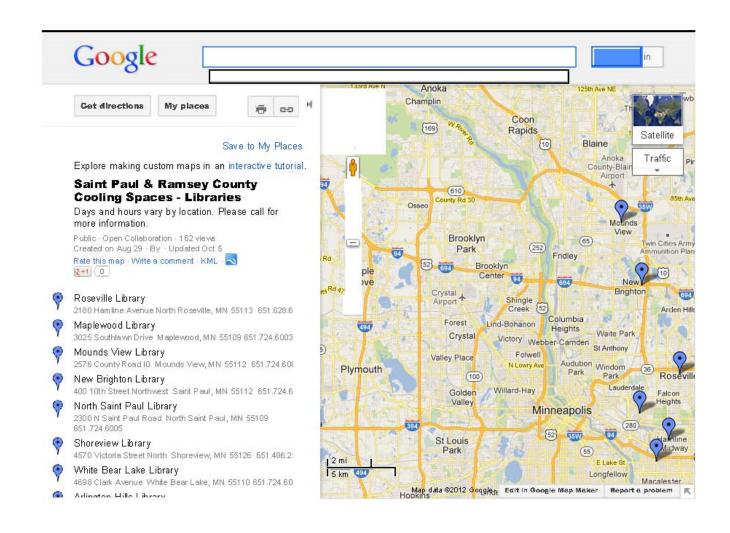
Response Actions to Assist the Public in Beating the Heat, week of July 4, 2012

- Web page created for the public to ID publicly operated facilities with air conditioning that would be open in St. Paul during the Fourth of July holiday week. Web page listed facility name, address, and hours of operation for each day.
- Web page created for the public to geo-locate facilities in Ramsey County with air conditioning. Separate pages were searchable for libraries and rec centers.
- Web page created for the public to geo-locate pools and beaches in Ramsey County.

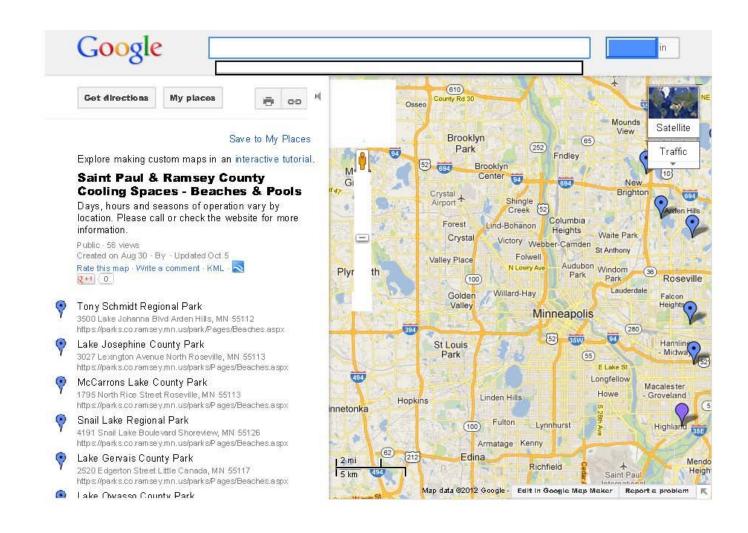
Saint Paul – Ramsey County Public Health web page- Air Conditioned Rec Centers



Saint Paul – Ramsey County Public Health web page-Libraries



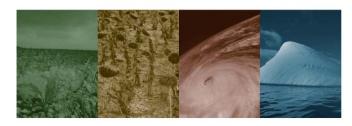
Saint Paul – Ramsey County Public Health web page-Beaches and Pools



Ramsey County Vulnerability Assessment

Assessing Health Vulnerability to Climate Change:

A Guide for Health Departments



Climate and Health Technical Report Series

Climate and Health Program, Centers for Disease Control and Prevention

Arie Ponce Manangan', Christopher K. Uejio', Shubhayu Saha', Paul J. Schramm', Gino D. Marinucci', Jeremy J. Hess' George Luber'

Climate and Health Program, Division of Environmental Hazards and Health Effects (DEHHE), National Center for Environmental Health (NCEH), Centers for Disease Control and Prevention (CDC) Atlanta, GA, USA

*Department of Geography, Florida State University, Tallahassee, FL, USA

*Department of Emergency Medicine, School of Medicine, Emory University, Atlanta, GA, USA

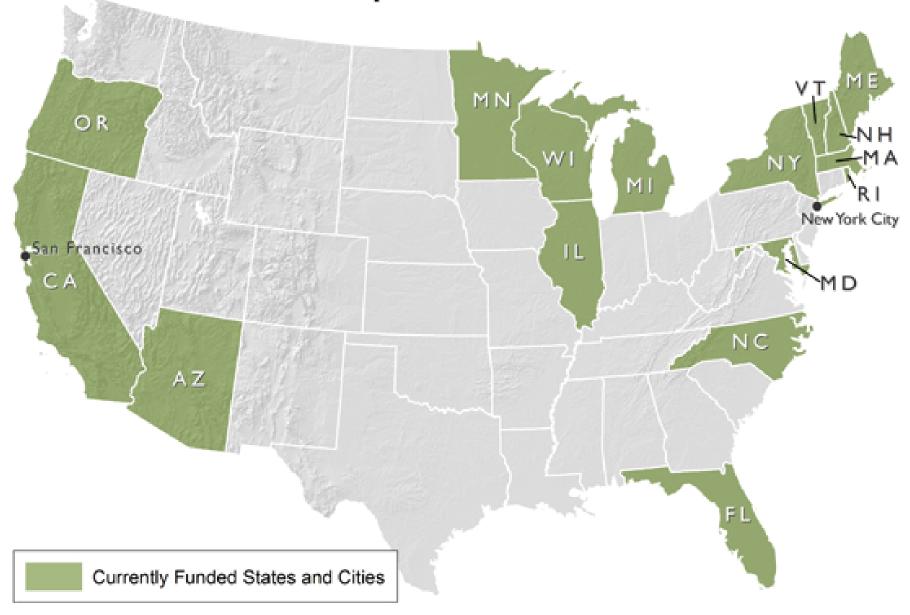
Department of Environmental Health, Rollins School of Public Health, Emory University, Atlanta, GA, USA

National Center for Environmental Health
Division of Environmental Hazards and Health Effects



The value of a vulnerability assessment is that it allows health departments to understand the people and places in their jurisdiction that are more susceptible to adverse health impacts associated with the climaterelated exposures modified by climate change. This assessment of people and place vulnerability can then be used to implement more targeted public health action to reduce harm to people.

CDC Climate Ready States and Cities Initiative



The BRACE Framework



Vulnerability

"[The] characteristics of a person or group that influence their capacity to anticipate, cope with, resist, and recover from the impact of a natural hazard."

- MDH Climate Change Vulnerability Assessment
- Temporary
- Situational

Broad



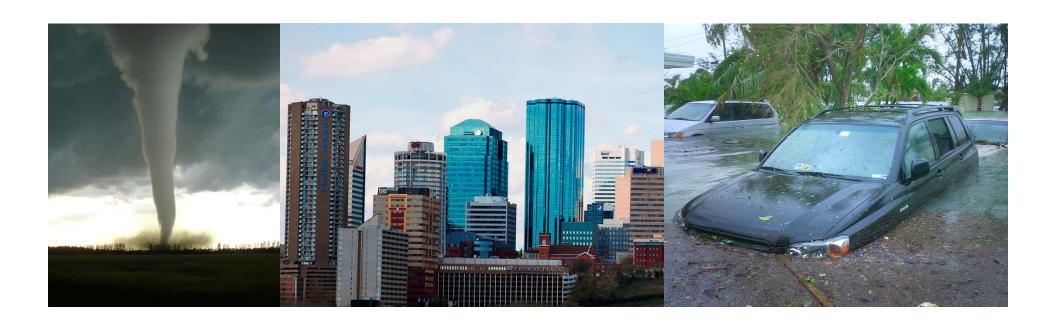
Risk

"[The] probability that a natural disaster or weather event related to climate change will occur at a particular location."

OR

"The probability that a person or group of persons... is located in the path of a hazard (e.g. a flood prone area)."

MDH Climate Change Vulnerability Assessment



Strategic Planning and Risk Assessment



Big Changes

- Climate
 - More severe weather
 - Hotter
- Bigger population
 - MN Experiences annual growth

We have to be ready!

•Lots of other places and groups are...

The state of California, the State of Minnesota, Los Angeles and Fresno Counties, Royal Dutch Shell, and many more...