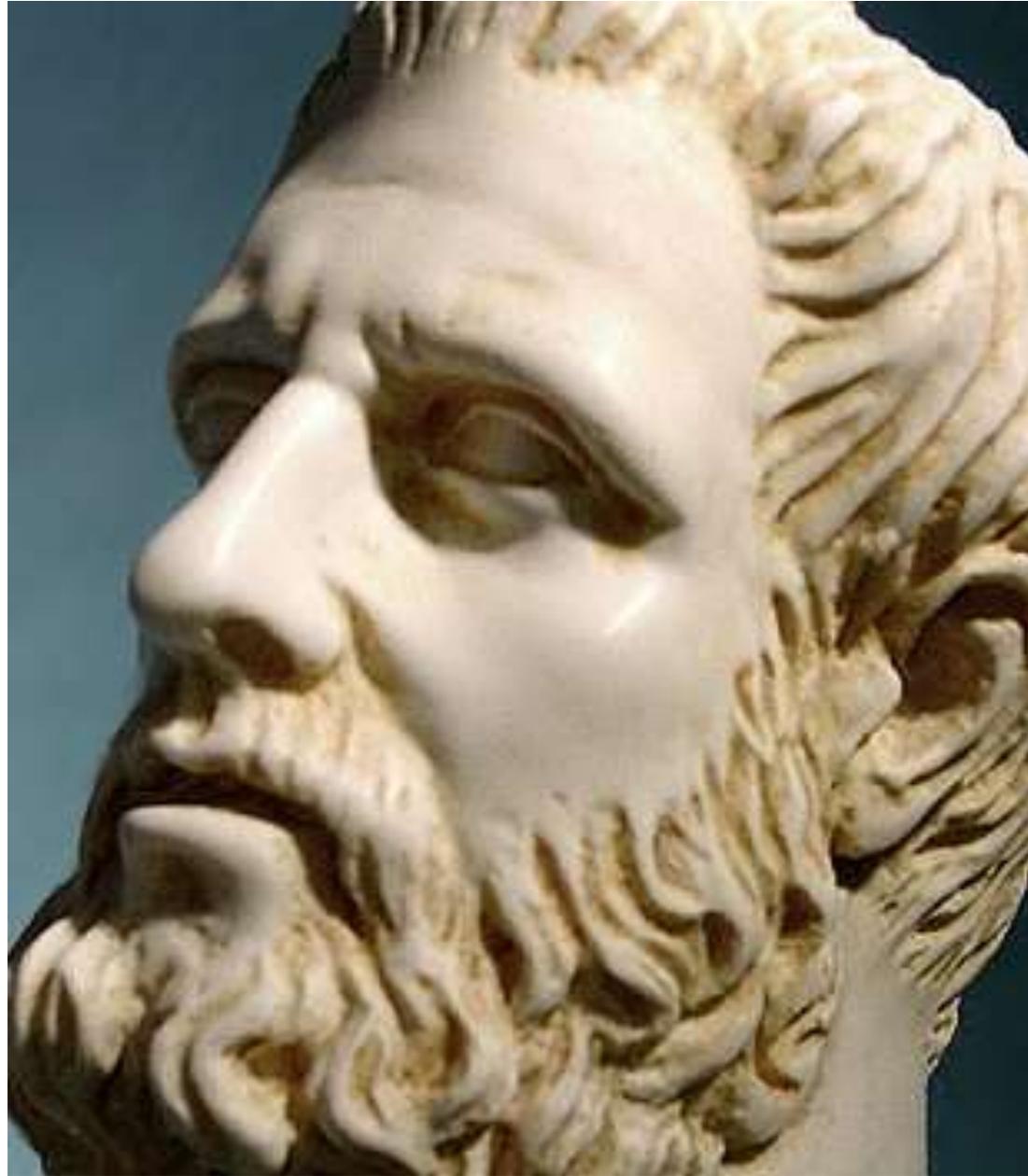


Gabriel Scally

Presentation for
Reuniting Planning and Health

14 November 2014

“This place is
killing me!”

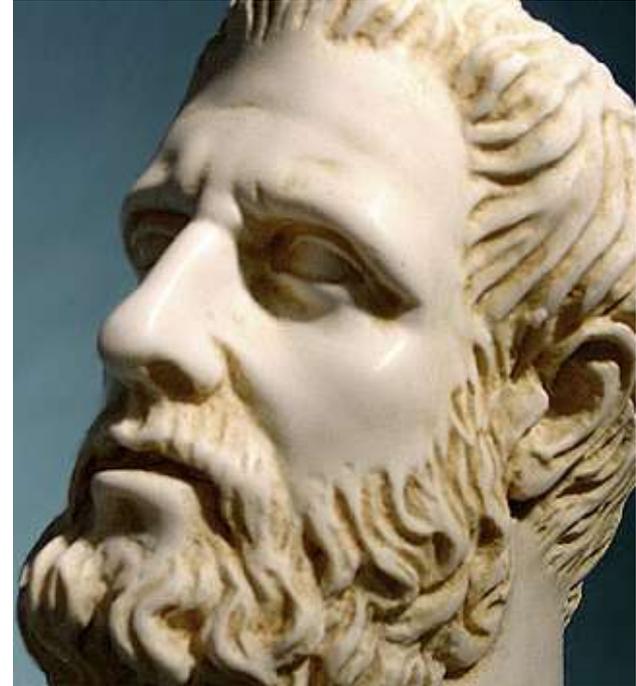


Airs, places, waters

‘When one comes into a city to which he is a stranger, he ought to consider its situation, how it lies as to the winds and the rising of the sun...’

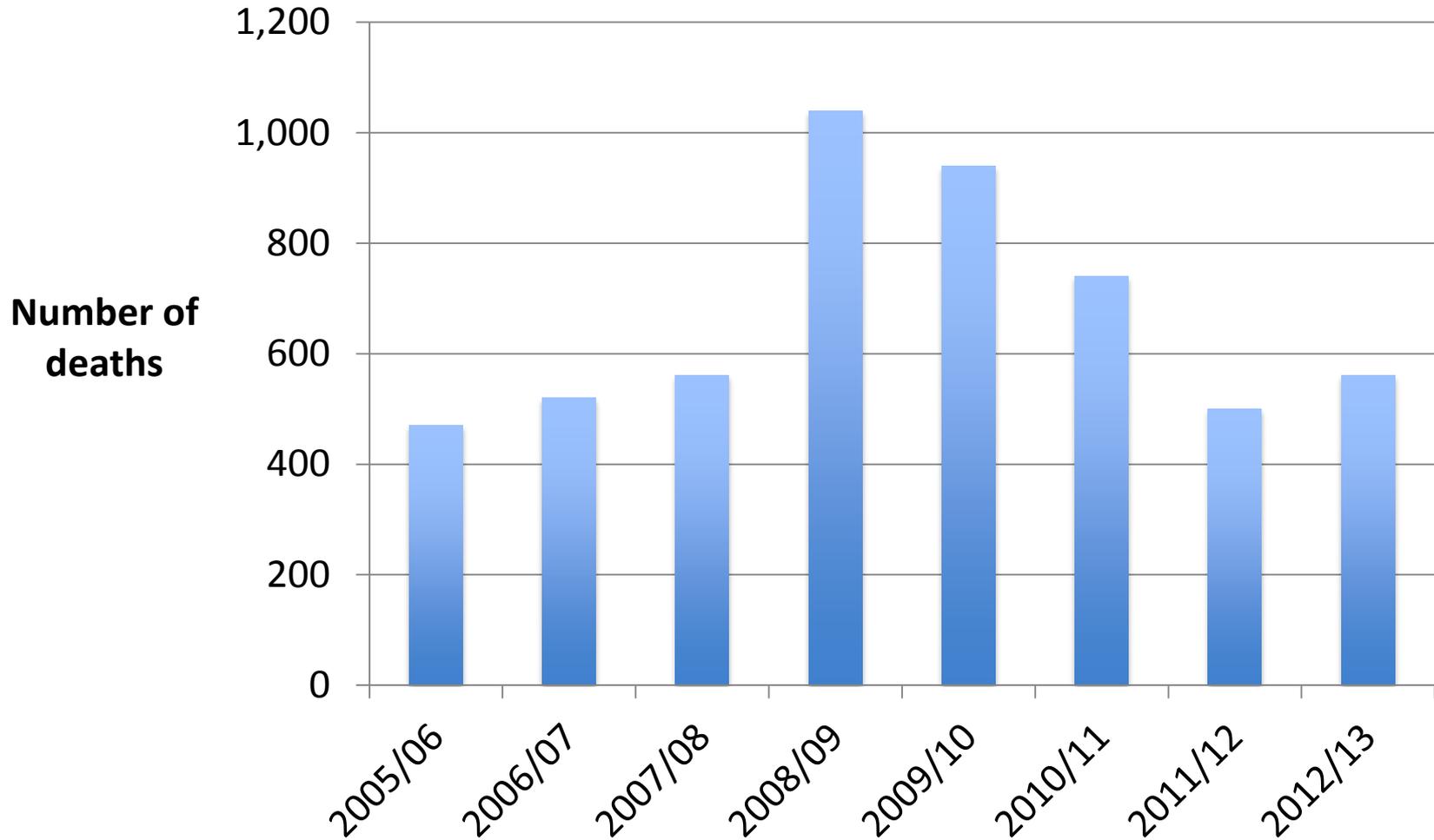
‘...and the ground, whether it be naked and deficient in water, or wooded and well watered, and whether it lies in a hollow, confined situation, or is elevated and cold’

‘Having made these investigations, and knowing beforehand the seasons, such a one must be acquainted with each particular, and must succeed in the preservation of health, and be by no means unsuccessful in the practice of his art.’



Hippocrates of Kos
(c. 460 BC – c. 370 BC)

Excess winter mortality in Northern Ireland 2005 -2013



The estimated annual burden of death from air pollution in Belfast

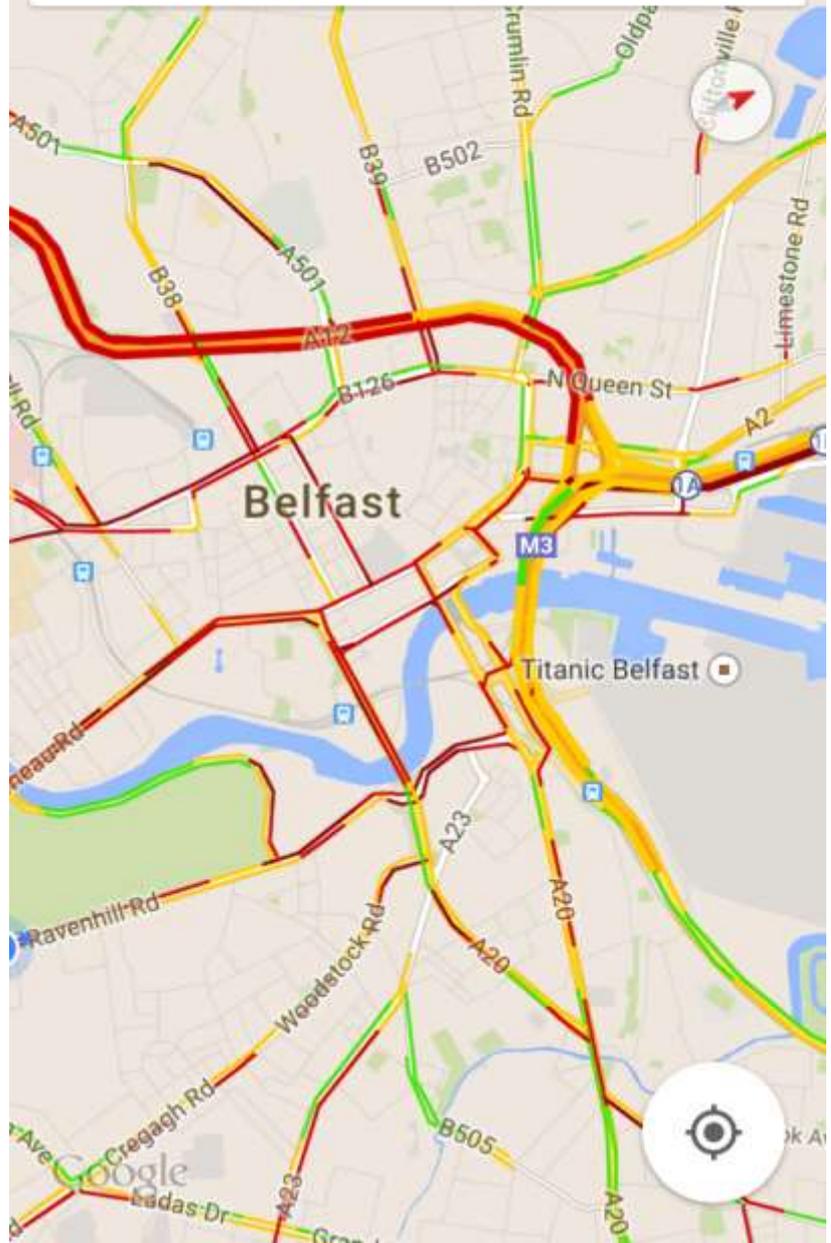
% of deaths attributed to air pollution	5.2%
Number of deaths over 25 years of age attributed to air pollution	141
Associated years of life lost	1,494

The 12 key objectives of HUP (2009)

- promoting healthy lifestyles (especially regular exercise);
- facilitating social cohesion and supportive social networks;
- promoting access to good-quality housing;
- promoting access to employment opportunities;
- promoting accessibility to good-quality facilities (educational, cultural, leisure, retail and health care);
- encouraging local food production and outlets for healthy food;
- promoting safety and a sense of security;
- promoting equity and the development of social capital;
- promoting an attractive environment with acceptable noise levels and good air quality;
- ensuring good water quality and healthy sanitation;
- promoting the conservation and quality of land and mineral resources; and
- reducing emissions that threaten climate stability.



bt6 0bw













so
le
do.







“The more integrated we are with our community, the less likely we are to experience colds, heart attacks, strokes, cancer, depression, and premature death of all sorts...

Over the last 20 years more than a dozen large studies . . . Have shown that people who are socially disconnected are between 2 and 5 times more likely to die from all causes, compared with matched individuals who have close ties with family, friends, and the community.”



Robert D. Putnam

Social capital and the built environment

“This study suggests that the way we design and build our communities and neighbourhoods affects social capital and thus physical and mental health.

The results indicate that residents living in walkable, mixed-use neighbourhoods are more likely to know their neighbors, to participate politically, to trust others, and to be involved socially.”

Source: Leyden, Kevin M. "Social capital and the built environment: the importance of walkable neighborhoods." *American journal of public health* 93, no. 9 (2003): 1546-1551.





fun.





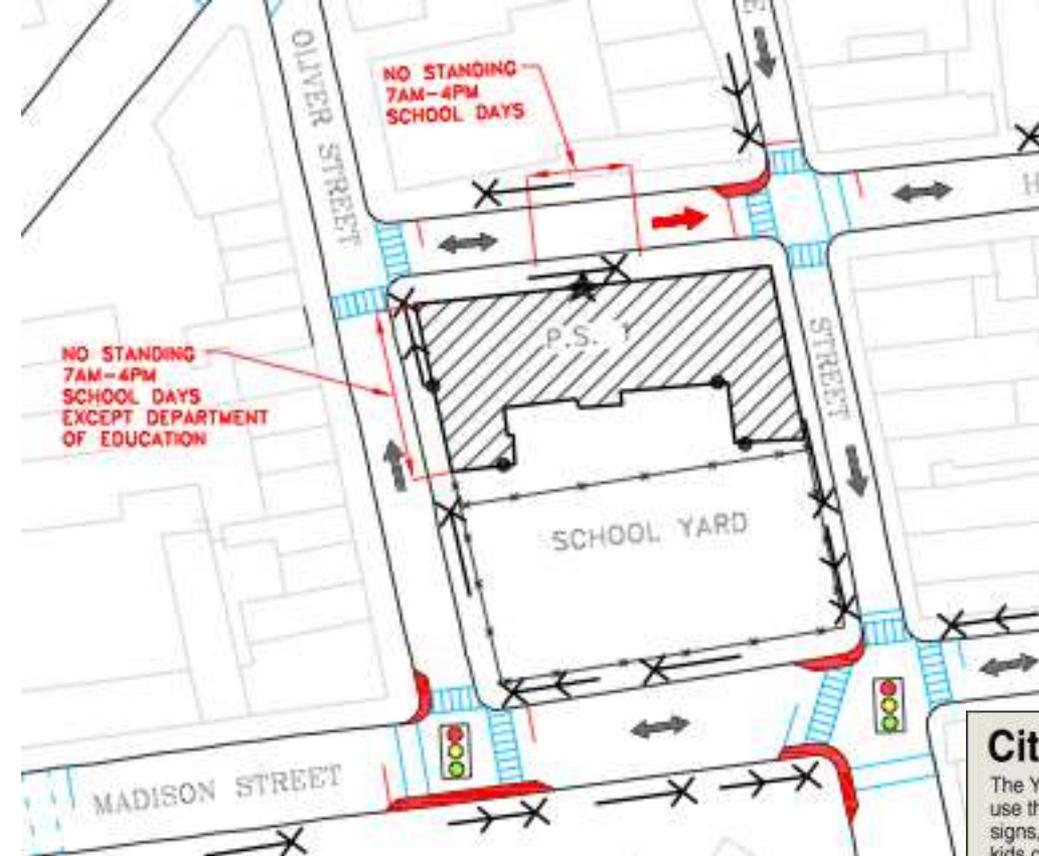












City schools' 'Go Safe' walking routes

The York City School District has developed "Go Safe" walking routes and will be encouraging students to use them when they are walking to and from school each day. The routes are marked with green and blue signs, and some businesses and other organizations have put up stickers to show they are "safe havens" kids can use if they encounter trouble.

----- "Go Safe" walking routes



New York City - Safe Routes to School

“There was a 44% reduction in school-aged pedestrian injury rates between pre-intervention and post-intervention periods in census tracts with SRTS interventions sites compared with no change in census tracts without SRTS interventions.”

Source: DiMaggio, Charles, and Guohua Li. "Effectiveness of a safe routes to school program in preventing school-aged pedestrian injury." *Pediatrics* 131, no. 2 (2013): 290-296.

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