

Wirral JSNA: Climate Change & Health – October 2016

References

AECOM (2016) Wirral Borough Council: Section 19 Flood Investigation: 22nd August and 2nd September 2015, Manchester, UK. Available at:

<http://democracy.wirral.gov.uk/ieDecisionDetails.aspx?ID=3119>

Basu, R., and Samet, J.M. (2002) Relation between elevated ambient temperature and mortality: A review of the epidemiologic evidence. *Epidemiologic Reviews* **24**, 190-202

Basu, R. (2009) High ambient temperature and mortality: a review of epidemiologic studies from 2001 to 2008. *Environmental Health* **8**, 40.

Bentham, G. & Langford, I.H. (1995) Climate change and the incidence of food poisoning in England and Wales. *39(2):81-6*.

Bentham, G. & Langford, I.H. (2001) Environmental temperatures and the incidence of food poisoning in England and Wales. *International journal of biometereology* **45:22-26**.

BIOPICCC Research Team (2011) *Research Briefing 1: Mapping future risks of extreme weather and growth in older populations in England*. Durham University, UK

Bland, S. (2014) *Climate Change and Social Justice: A review*, Local democracy think tank, UK.

Braga, A.L.F., Zanobetti, A. and Schwartz, J. (2002) The Effect of Weather on Respiratory and Cardiovascular Deaths in 12 U.S. Cities. *Environmental Health Perspectives* **110(9): 859-863**.

Cabinet Office (2008) Identifying people who are vulnerable in a crisis – Guidance for emergency planners and responders, Civil Contingencies Secretariat, UK. Available at: <https://www.gov.uk/government/publications/identifying-people-who-are-vulnerable-in-a-crisis-guidance-for-emergency-planners-and-responders>

Cabinet Office (2013) Emergency Response and Recovery, Civil Contingencies Secretariat, UK. Available at: <https://www.gov.uk/government/publications/emergency-response-and-recovery>

Cecchi, L., D'Amato, G., Ayres, J.G., Galan, C., Forastiere, F., Forsberg, B., Gerritsen, J., Nunes, C., Behrendt, H., Akdis, C., Dahl, R. and Annesi-Maesano, I. (2010) Projections of the effects of climate change on allergic asthma: the contribution of aerobiology. *Allergy* **65(9):1073-1081**.

Cesaroni, G., Farchi, S., Davoli, M., Forastiere, F. and Perucci, C.A. (2003) Individual and area-based indicators of socioeconomic status and childhood asthma. *European Respiratory Journal* **22:619-624**.

CLASP (2016) Weathering the Storm: Would your business cope if you lost power? Or your area flooded? A practical guide for small businesses in Liverpool City Region. Available at: <http://media.claspinfo.org/sites/default/files/Weathering%20the%20Storm%20NW%20ONLINE.pdf>

Committee on Climate Change (2015) UK Climate Change Risk Assessment 2017 Synthesis report: priorities for the next five years. Available at: <https://www.theccc.org.uk/uk-climate-change-risk-assessment-2017/> (Retrieved 28th July 2016)

Committee on Climate Change (2015) Reducing emissions and preparing for climate change: 2015 Progress Report to Parliament Summary and Recommendations. Available at: <http://www.theccc.org.uk/publication/reducing-emissions-and-preparing-for-climate-change-2015-progress-report-to-parliament/> (Retrieved 3rd July 2015)

Deacon, L., Carlin, H., Spalding, J., Giles, S., Stansfield, J., Hughes, S., Perkins, C., and Bellis, M.A. (2009) North West Mental Wellbeing Survey 2009 Summary. North West Public Health Observatory, Centre for Public Health, Liverpool. Available at: <http://www.nwph.net/Publications/NorthWestMentalWellbeing%20SurveySummary.pdf>

Department for Energy and Climate Change (DECC) (2012) *Statistical release - 2010 UK Greenhouse gas emissions, final figures*. Department for Energy and Climate Change, London, UK. Available at: <https://www.gov.uk/government/news/2010-uk-greenhouse-gas-emissions-final-figures-statistical-release>

Department for Energy and Climate Change (DECC) (2014) Local Authority Carbon Dioxide Emissions estimates 2014. Statistical release: national statistics. Department for Energy and Climate Change, London, UK. Available at: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/533670/Local_Authority_CO2_Emissions_Statistical_Release_2014.pdf (Accessed 9th September 2016)

Department for Energy and Climate Change (DECC) (2015) *2005-2014 UK Local and regional CO2 emissions emissions statistical summary*. Department for Energy and Climate Change, London, UK. Available at: <https://www.gov.uk/government/statistics/uk-local-authority-and-regional-carbon-dioxide-emissions-national-statistics-2005-2014> (Accessed 9th September 2016)

Department for Environment, Food and Rural Affairs (Defra) (2012) *UK Climate Change Risk Assessment: Government Report*, Department for Environment, Food and Rural Affairs, London, UK. Available at <http://www.defra.gov.uk/publications/files/pb13698-climate-risk-assessment.pdf> (Retrieved 5 March 2014)

Department for Environment, Food and Rural Affairs (Defra) (2013) *The National Adaptation Programme - Making the country resilient to a changing climate*, Department for Environment Food and Rural Affairs, London, UK. Available at https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/209866/pb13942-nap-20130701.pdf (Retrieved 3 February 2014)

Dennekamp, M., and Carey, M. (2010) Air Quality and chronic disease: why action on climate change is also good for health. *NSW Public Health Bulletin* 21(5-6): 115-121.

Department of Health (2006) *Cardiovascular Disease and Air Pollution: A report by the Committee on the Medical Effects of Air Pollutants*, London.

Department of Health (2008) *Health Effects of Climate Change in the UK 2008: An update of the Department of Health Report 2001/2002*, London. Available at: http://webarchive.nationalarchives.gov.uk/+www.dh.gov.uk/en/publicationsandstatistics/publications/publicationspolicyandguidance/dh_080702

Department of Health (2011) Heatwave Plan for England: Protecting health and reducing harm from extreme heat and heat waves, London. Available at: www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/documents/digitalasset/dh_127235.pdf

Department of Health (2014) The NHS Outcomes Framework 2014-15, London. Available at: <https://www.gov.uk/government/publications/nhs-outcomes-framework-2014-to-2015>

Department of Health (2014) Improving Outcomes and supporting transparency – Part 1a: Public Health Outcomes Framework for England, 2013-2016, London. Available at: <https://www.gov.uk/government/publications/healthy-lives-healthy-people-improving-outcomes-and-supporting-transparency>

Department of Health (2014) The Adult Social Care Outcomes Framework 2014-15, London. Available at: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/263783/adult_social_care_framework.pdf

Diffey, B. (2004) Climate change, ozone depletion and the impact on ultraviolet exposure of human skin. *Physics in Medicine and Biology* 49:R1-R11.

D'Ippoliti, D., Michelozzi, P., Marino, C., de'Donato, F., Menne, B., Katsouyanni, K., Kirchmayer, U., Analitis, A., Medina-Ramon, M., Paldy, A., Atkinson, R., Kovats, S., Bisanti, L., Schneider, A., Lefranc, A., Iniguez, C. and Perucci, C.A. (2010) The impact of heat waves on mortality in 9 European cities: results from the EuroHEAT project. *Environmental Health* 9:37-46.

Dockery, D.W. (2001) Epidemiologic Evidence of Cardiovascular Effects of Particulate Air Pollution. *Environmental Health Perspectives* 109(S4): 483-486.

Donaldson, G. and Keatinge, W. (2008) *Direct effects of rising temperatures on mortality in the UK*. In: *Health Effects of Climate Change in the UK 2008*. Ed. S. Kovats. Department of Health and Health Protection Agency. Last accessed on 28th March 2014 at http://www.climatenorthernireland.org.uk/cmsfiles/resources/files/Health-Effects-of-Climate-Change-in-the-UK-2008_Department-of-Health-Update.pdf

D'Souza, R.M., Becker, N.G., Hall, G., and Moodie, K.B.A. (2004) Does ambient temperature affect foodborne disease? *Epidemiology* 15(1):86-92.

Environment Agency (2015) Greater Manchester, Merseyside and Cheshire Drought Plan.

Fischbacher, C.M., Bhopal, R., Povey, C., Steiner, M., Chalmers, J., Mueller, G., Jamieson, J. and Knowles, D. (2007) Record linked retrospective cohort study of 4.6 million people exploring ethnic variations in disease: myocardial infarction in South Asians. *BMC Public Health* 7:142-151.

Flynn, A., McGreevy, C. and Mulkerrin, E.C. (2005) Why do older patients die in a heatwave? *QJM* 98, 227-229.

Gray, J.S. (2008) Ixodes ricinus seasonal activity: Implications of global warming indicated by revisiting tick and weather data. 298:19-24.

Green Alliance (2011) *Climate science explained, Green Alliance Briefing July 2011*, Green Alliance, London, UK.

Hajat, S. and Haines, A. (2002) Associations of cold temperatures with GP consultations for respiratory and cardiovascular disease amongst the elderly in London. *International Journal of Epidemiology* 31:825-830.

Hajat, S., Kovats, R.S. and Lachowycz, K. (2007) Heat-related and cold-related deaths in England and Wales: who is at risk? *Occupational and Environmental Medicine* (64):93-100.

Hajat, S., O'Connor, M., and Kosatsky, T. (2010) Health effects of hot weather: from awareness of risk factors to effective health protection. *Lancet* **375**, 856-863.

Hansen, A., Bi, P., Nitschke, M., Ryan, P., Pisaniello, D. and Tucker, G. (2008) The Effect of Heat Waves on Mental Health in a Temperate Australian City. *Environmental Health Perspectives* 116:1369-1375

Health and Social Care Information Centre (2011) Health Survey for England 2011, Health, Social Care and Lifestyles, University College London, London, UK

Health Protection Agency (2011a) Heat wave General Information.

Health Protection Agency (2011b) Fun in the sun - but take care too!

Health Protection Agency (2012) Health effects of climate change in the UK 2012, current evidence, recommendations and research gaps. Available at:

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/371103/Health_Effects_of_Climate_Change_in_the_UK_2012_V13_with_cover_accessible.pdf

HM Government (2008) Climate Change Act 2008, The Stationary Office Ltd, UK. <http://www.legislation.gov.uk/ukpga/2008/27/contents> (accessed 24 February 2014)

Hunter, P.R. (2003) Climate change and waterborne and vector-borne disease. *Journal of Applied Microbiology Symposium* 94 Suppl:37S-46S.

Huynen, M., Martens, P., Schram, D., Weijenberg, M.P. and Kunst, A.E. (2001) The Impact of Heat Waves and Cold Spells on Mortality Rates in the Dutch Population. *Environmental Health Perspectives* 109(5):463-470.

Intergovernmental Panel on Climate Change (IPCC) (2007) Fourth Assessment Report. Cambridge: Cambridge University Press. (Accessed 17th April 2014) Available at:

http://www.ipcc.ch/publications_and_data/publications_ipcc_fourth_assessment_report_synthesis_report.htm

Intergovernmental Panel on Climate Change (IPCC) (2013) Summary for Policymakers. In: *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S. K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA Available at: www.ipcc.ch/pdf/assessment-report/ar4/wg1/ar4-wg1-spm.pdf (Retrieved 4 February 2014)

Intergovernmental Panel on Climate Change (IPCC) (2014) Climate Change 2014: Impacts, adaptation and vulnerability. Accessed 17th April 2014, available at:

<http://www.ipcc.ch/report/ar5/wg2/>

Jones, A., Perkins, C., Stansfield, J., Mason, J., O’Keefe, M., McHale, P., Leckenby, N. and Bellis, M. (2013) Northwest Mental Wellbeing Survey 2012/13, Public Health England, London, UK

http://www.nwph.net/Publications/NW%20MWB_PHE_Final_28.11.13.pdf

Joseph Rowntree Foundation (2011) Climate change, justice and vulnerability, (Online accessed 15th April 2014) Available at:

<http://www.jrf.org.uk/publications/climate-change-justice-and-vulnerability>

Joseph Rowntree Foundation (2014) Climate Justice: How did we get there? (Accessed 5th June 2015) Available at: <http://www.jrf.org.uk/publications/climate-justice-how-did-we-get-here>

Joseph Rowntree Foundation (2015) Community resilience to climate change: an evidence review. Available at: <https://www.jrf.org.uk/report/community-resilience-climate-change>

Kazmierczak, A. and Kenny, C. (2011) Risk of flooding to infrastructure in Greater Manchester. Manchester: University of Manchester.

Kovats, R.S., Edwards, S.J., Hajat, S., Armstrong, B.G., Ebi, K.L. and Menne, B. (2004) The effect of temperature on food poisoning: a time-series analysis of salmonellosis in ten European countries. *Epidemiology and infection* 132:443-53.

Kovats, R.S. and Hajat, S. (2008) Heat Stress and Public Health: A Critical Review. *Annual Review of Public Health* 29: 41-55.

Kunst, A.E., Looman, C.W.N. and Mackenbach. J.P. (1993) Outdoor Air Temperature and Mortality in the Netherlands: A Time-Series Analysis. *American Journal of Epidemiology* 137(3):331-341.

Lake, I.R., Gillespie, I.A., Bentham, G., Nichols, G.L., Lane, C., Adak, G.K., Threlfall, E.J. (2009) A re-evaluation of the impact of temperature and climate change on foodborne illness. *Epidemiology and Infection* 137:1538-1547.

Liverpool John Moores University: Centre for Public Health (2012) *The Impact of climate change upon health and health inequalities in the north west of England* Centre for Public Health, Liverpool John Moores University, Liverpool, UK. Authors: Bates, G., Chadborn, N., Jones, L. and McVeigh, J. Available at: <http://www.cph.org.uk/wp-content/uploads/2012/08/the-impact-of-climate-change-upon-health-and-health-inequalities-in-the-north-west-of-england.pdf> (Retrieved 23 February 2014)

Local Government Association (2015) Councillor briefing pack: Resilient Communities – Ensuring your community is resilient to the impacts of extreme weather. London. (Accessed 5th June 2015) Available at: http://www.local.gov.uk/documents/10180/6869714/L15-77+CL+Resilient+c_WEB.PDF/a0abfcae-a4db-42ce-abae-55c82d1d7bea

Local Government Association (2015) A Guide for communicating in severe weather, London. Available at: http://www.local.gov.uk/documents/10180/5854661/L14-633+Extreme+Weather+Communications+Guidance_11.pdf/da2e2109-bd1e-42e6-8496-410c7fe566a4

Maiden, T. and Monaghan, P. (2015) Climate Ready Councils: The business case for managing the impacts of severe weather and a changing climate. Available at: <http://www.local.gov.uk/documents/10180/49936/EA+-+Business+Case+for+Adaption+-+May+15+-+v12+Low+res+FINAL.pdf/d266040c-51cf-41d2-baac-0d5555b1e706>

Marmot, M.G. (2010) *Fair society, healthy lives: Strategic review of health inequalities in England post-2010*. The Marmot Review, London UK. Available at: <http://www.instituteofhealthequity.org/projects/fair-society-healthy-lives-the-marmot-review/fair-society-healthy-lives-full-report> (Retrieved 24 February 2014)

Mason, V., Andrews, H. and Upton, D. (2010) The psychological impact of exposure to floods. *Psychology, Health & Medicine* 15(1):61-73.

Medlock, J.M. and Leach, S.A. (2015) Effect of climate change on vector-borne disease risk in the UK. *The Lancet Online*. (Accessed 5th June 2015) Available at: [http://www.thelancet.com/journals/laninf/article/PIIS1473-3099\(15\)70091-5/abstract](http://www.thelancet.com/journals/laninf/article/PIIS1473-3099(15)70091-5/abstract)

Merseyside Resilience Forum (2015) Merseyside Emergency Response Manual.

Merseyside Resilience Forum (2015) Merseyside Multi-Agency Response to a Flooding Event (Annex to MERM).

Merseyside Resilience Forum (2015) Severe Weather Activation Guidance.

MET Office Hadley Centre (2012) Climate impacts on food security and nutrition, Crown Copyright, UK. (Accessed on 17th April 2014) Available at: <http://www.metoffice.gov.uk/climate-guide/climate-change/impacts/food>

MET Office Hadley Centre (2014) Too hot, too cold, too wet, too dry: Drivers and impacts of seasonal weather in the UK, Crown Copyright, UK. (Accessed on 17th April 2014) Available at: <http://www.metoffice.gov.uk/research/news/2014/uk-drivers-and-impacts>

MET Office Hadley Centre (2015) Climate risk: An update on the science, Crown Copyright, UK. (Accessed 5th June 2015) Available at: http://www.metoffice.gov.uk/media/pdf/o/1/COP20_climate_risk_an_update_on_the_science.pdf

Met Office Hadley Centre (2016) State of the UK Climate 2015, Crown Copyright, UK. (Accessed 1st August 2016) Available at: http://www.metoffice.gov.uk/media/pdf/r/4/State_of_the_UK_climate_2015.pdf

McMichael, A.J., Wilkinson, P., Kovats, R.S., Pattenden, S., Hajat, S., Armstrong, B., Vajanapoom, N., Niciu, E.M., Mahomed, H., Kingkeow, C., Kosnik, M., O'Neill, M.S., Romieu, I., Ramirez- Aguilar, M., Barreto, M.L., Gouveia, N. and Nikiforov, B. (2008) International study of temperature, heat and urban mortality: the 'ISOTHURM' project. *International Journal of Epidemiology* 37, 1121-1131.

McMullen, C. P. and Jabbour, J. (2009) *Climate Change Science Compendium*, United Nations Environment Programme, Nairobi, Kenya. Available at: http://www.unep.org/pdf/ccScienceCompendium2009/cc_ScienceCompendium2009_full_highres_en.pdf (Retrieved 24 February 2014).

NHS England (2013) CCG Outcomes indicator set 2014-15 – At a glance (online accessed 15th April 2014) Available at: <http://www.england.nhs.uk/ccg-ois/>

Northwest Climate Change Partnership (2010) *Rising to the Challenge: A climate Change Strategy for England's Northwest 2010-2012*. The Northwest Climate Change Partnership, Warrington, UK. Available at:
http://www.climatechangenorthwest.co.uk/assets/files/documents/feb_10/cli_1265921054_NW_Climate_Change_Action_Plan_.pdf (Retrieved 5 March 2012)

Northwest Climate Change Partnership (2012) A Summary of Climate Change Risks for North West England - To coincide with the publication of the UK Climate Change Risk Assessment (CCRA) 2012 The Northwest Climate Change Partnership, Warrington, UK. Available at:
http://www.climatechangenorthwest.co.uk/assets/files/documents/jan_12/cli_1327577206_NW_CCRA (Retrieved, 5th March 2014)

Norval, M., Cullen, A.P., de Gruijl, F.R., Longstreth, J., Takizawa, Y., Lucas, R.M., Noonan, F.P. and van der Leun, J.C. (2007) The effects on human health from stratospheric ozone depletion and its interactions with climate change. *Photochemical and Photobiological Sciences* 6:232-251.

Office of National Statistics (2016) Skin cancer in England: A look at melanoma skin cancer over 20 years. <http://www.slideshare.net/statisticsONS/skin-cancer-in-england-a-look-at-melanoma-skin-cancer-over-20-years> (accessed 9th September 2016)

Pope, C.A., Burnett, R.T., Thurston, D., Thun, M.J., Calle, E.E., Krewski, D., Godleski, J.J. (2004) Cardiovascular Mortality and Long-Term Exposure to Particulate Air Pollution: Epidemiological Evidence of General Pathophysiological Pathways of Disease. *Circulation* 109:71-77.

Pope, C.A. and Dockery, D.W. (2006) Health Effects of Fine Particulate Air Pollution: Lines that Connect. *Journal of the Air & Waste Management Association* 56:709-742.

Public Health England (2015) Heatwave Plan for England: Protecting health and reducing harm from severe heat and heat waves, London. Available at:
<https://www.gov.uk/government/publications/heatwave-plan-for-england> (accessed 29 July 2016)

Public Health England (2015) Cold Weather Plan for England 2015: Protecting Health and Reducing harm from cold weather, London. Available at:
<https://www.gov.uk/government/collections/cold-weather-plan-for-england> (accessed 29 July 2016)

Public Health England (2014) Flooding – Frequently asked health questions, (online accessed 15th April 2014) Available at:
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/348925/Flooding_questions_and_answers_February_2014.pdf

Reacher, M., McKenzie, K., Lane, C., Nichols, T., Kedge, I., Iversen, A., Hepple, P., Walter, T., Laxton, C. and Simpson, J. (2004) Health impacts of flooding in Lewes: a comparison of reported gastrointestinal and other illness and mental health in flooded and nonflooded households. *Communicable Disease and Public Health* 7(1):1-8.

Revich, B. and Shaposhnikov, D. (2008) Excess mortality during heat waves and cold spells in Moscow, Russia. *Occupational and Environmental Medicine* 65:691-696.

Rigel, D.S. (2008) Cutaneous ultraviolet exposure and its relationship to the development of skin cancer. *Journal of the American Academy of Dermatology* 58(5):S129-32.

Rooney, C., McMichael, A.J. and Kovats, R.S. and Coleman, M.P. (1998) Excess mortality in England and Wales, and in Greater London, during the 1995 heat wave. *Journal of Epidemiology and Community Health* 52:482-486.

Royal College of Physicians (2016) *Every Breath we take: the lifelong impact of air pollution*. Report of a working party, London. Available at: <https://www.rcplondon.ac.uk/projects/outputs/every-breath-we-take-lifelong-impact-air-pollution>

Royal Society (2010) *Climate change: a summary of the science, September 2010*. The Royal Society, London, UK. Available at: <http://royalsociety.org/policy/publications/2010/climate-change-summary-science/> (Retrieved 22 February 2014)

Scarborough, P., Bhatnagar, P., Wickramasinghe, A., Smolina, K., Mitchell, C., Rayner, M. (2010) Coronary heart disease statistics. British Heart Foundation

Shack, L., Khan, S. and Moran, T. (2007) Cancer Incidence Projections, North West, 1982-2020. North West Cancer Intelligence Service.

Sustainable Development Unit (2014a) *'Under the Weather': Improving health, wellbeing and resilience in a changing climate*. Last accessed on 18th March 2014 at http://www.sduhealth.org.uk/documents/publications/Adaptation_Under_the_weather_24_02_14.pdf

Sustainable Development Unit (2015) *'Under the Weather': Improving health, wellbeing and resilience in a changing climate – Version 2, March 2015*. (Accessed 5th June 2015) Available at: <http://www.sduhealth.org.uk/areas-of-focus/community-resilience/community-resilience-copy.aspx>

Sustainable Development Unit (2014b) *Adaptation to Climate Change – Planning Guidance for Health and Social Care organisations* (online accessed 15th April 2014) Available at: http://www.sduhealth.org.uk/documents/publications/2014/Adaptation_Guidance_12_Mar_2014.pdf

Sustainable Development Unit (2014c) *Sustainable, Resilient, healthy People and Places – A Sustainable Development Strategy for the NHS, Public Health and Social Care System* (online accessed 15th April 2014) Available at: http://www.sduhealth.org.uk/documents/publications/2014%20strategy%20and%20modulesNewFolder/Strategy_FINAL_Jan2014.pdf

Tapsell, S.M. and Tunstall, S.M. (2008) 'I wish I'd never heard of Banbury': The relationship between 'place' and the health impacts from flooding. *Health & Place* 14(2):133-154.

Tunstall, S., Tapsell, S., Green, C., Floyd, P. and George, C. (2006) The health effects of flooding: Social research results from England and Wales. *Journal of water and health* 4(3):365-80.

van der Leun, J.C., Piacentini, R.D. and De Gruijl, F.R. (2008) Climate change and human skin cancer. *Photochemical and Photobiological Sciences* 7:730-733.

Vandentorren, S., Bretin, P., Zeghnoun, A., Mandereau-Bruno, L., Croisier, A., Cochet, C., Ribéron, J., Siberan, I., Declercq, B., and Ledrans, M. (2006) August 2003 heatwave in France: risk factors for death of elderly people living at home. *The European Journal of Public Health* 16, 583-591.

Walkiss, P., Cimato, F., Hunt, A., and Morley, B. (2016) Climate Change Impacts on the Future Cost of Living. Supported by Joseph Rowntree Foundation. Available at: <http://www.paulwalkiss.co.uk/documents/FINAL%20Walkiss%20report%2030032016.pdf>

Wild, S.H., Fischbacher, C.M., Brock, A., Griffiths, C. and Bhopal, R. (2007) Mortality from all causes and circulatory disease by country of birth in England and Wales 2001-2003. *Journal of Public Health* 29(2):191-198.

Wilkinson, P., Pattenden, S., Armstrong, B., Fletcher, A., Kovats, R.S., Mangtani, P. and McMichael, A.J. (2004) Vulnerability to winter mortality in elderly people in Britain: population based study. *British Medical Journal* 329, 647-651.

Wirral Council (2007) *Climate Change Strategy 2007/2012*. Sustainability Unit, Wirral Council, Birkenhead, UK

Wirral Council (2010) *Local Climate Change Impact Profile Media Trawl*. Sustainability Unit, Wirral Council, Birkenhead, UK Available at http://info.wirral.nhs.uk/document_uploads/Downloads/Wirral%20Local%20Climate%20Impact%20Profile%20Media%20Trawl%202010.pdf last accessed 15th July 2015

Wirral Council (2011) All Hazards Emergency Plan.

Wirral Council (2011) *Corporate Plan for 2011-14*, Wirral Council, Wallasey, UK.

Wirral Council (2012) Carbon Budget 2012-13, *Wirral Council Cabinet, 21st February 2012*. Wirral Council, Wallasey, UK.

Wirral Council (2014) COOL Wirral Climate Change Strategy 2014-2019. (Accessed 5th June 2015) Available at: <https://www.wirral.gov.uk/about-council/climate-change-and-sustainability/cool-wirral>

Wirral Council (2015) Wirral Local Climate Impact Profile 2005-2014.

Wirral Council (2015) Wirral Economic Profile: November 2015. http://info.wirral.nhs.uk/document_uploads/Wirral%20Economic%20Profiles/Wirral_Economic_Profile_November_2015.pdf (Accessed 9th September 2016)

Wirral Council (2016) Greenhouse gas emissions report 2015/16, Wirral Council, Birkenhead, UK. Available at: <http://www.wirral.gov.uk/about-council/climate-change-and-sustainability/greenhouse-gas-emissions-reports> (Accessed 08 September 2016)

World Health Organisation (2010) Malaria (online, accessed 1st July 2014). Available at: www.who.int/mediacentre/factsheets/fs094/en/

World Health Organisation (2016) Climate change and health Fact Sheet. Last accessed 29th July 2016 at <http://www.who.int/mediacentre/factsheets/fs266/en/>

Zhang, Y., Bi, P. and Hiller, J.E. (2010) Climate variations and Salmonella infection in Australian subtropical and tropical regions. *Science of the Total Environment* 408:524-530.