

Health Protection Overview

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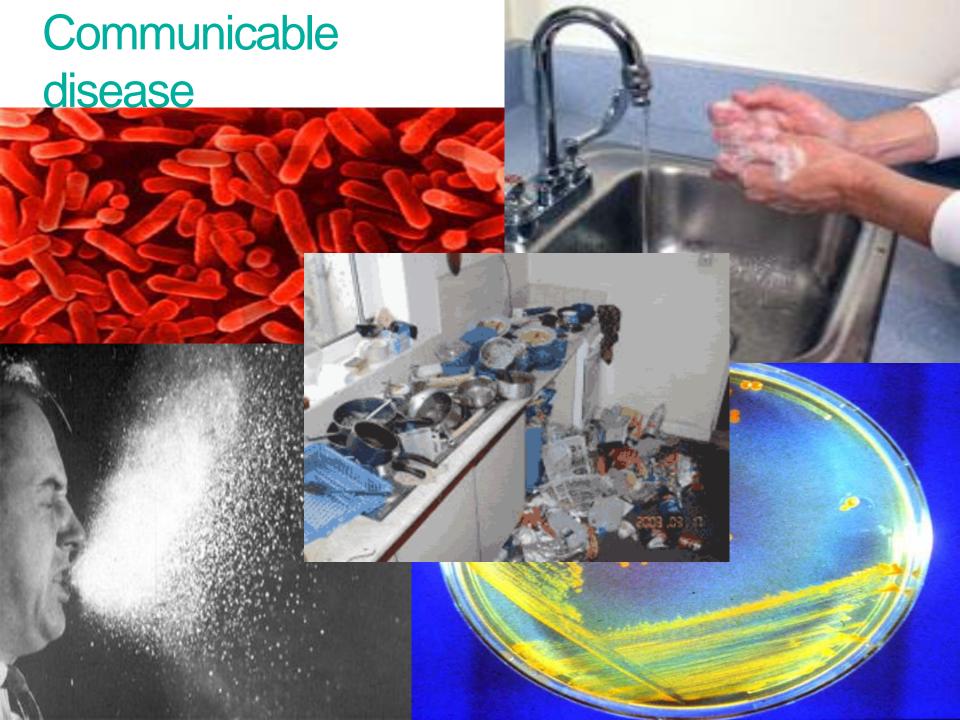


Emergency Response











Who we work with

Internal to PHE

- National Infections service
- Field service
- Centre for radiation, chemicals and the environment
- Health and Wellbeing
- Healthcare
- Health and Justice

External to PHE

- Local Authority PH
- Local Authority EH
- Acute trusts
- CCGs
- Local resilience fora
- Fire and Rescue, YAS, Police
- Prisons
- ICS, Combined Authorities

In the '60s, the General Surgeon - USA "...it is time to close the book on infectious diseases"-

So we can celebrate a great victory.....





Diseases that have emerged / re emerged

- TB (MDR, XDR)
- HIV
- MRSA
- C Diff
- E coli O157
- Ebola
- Pandemic flu H1N1 (Swine flu)
- Zika
- CPE



But it's the 21st Century!

Societal events (War, migration, urban decay)

Human behaviour (travel, diet, recreation)

Health care (new devices, transplants, immunosuppression)

Environmental Change (deforestation, flood, climate change)

Public health infrastructure (organisation, trained personnel)

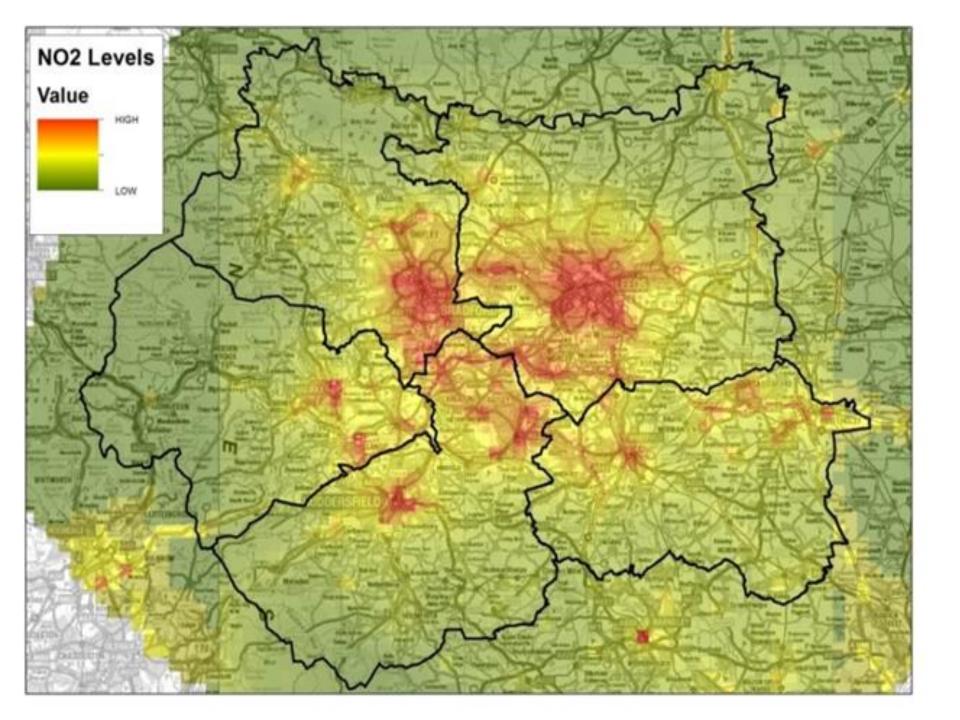
Microbiological adaptation (antibiotic resistance, mutation)





Air Quality

Y&H PHE Centre





Talking about AQ can have this effect on people.....

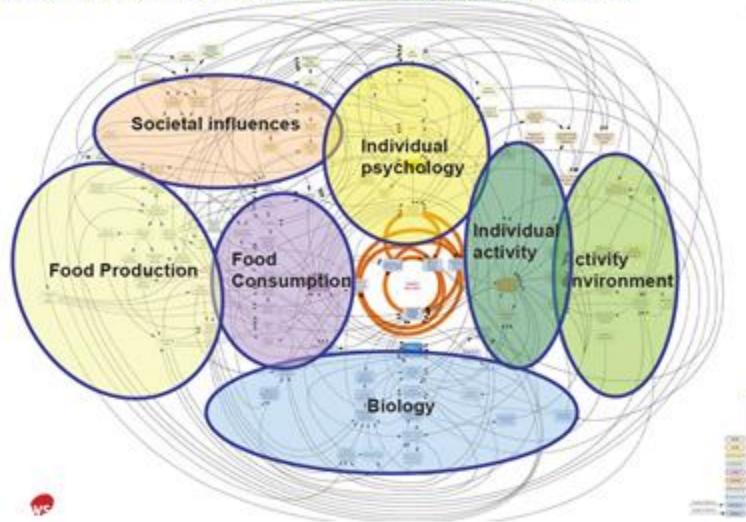




So need to keep people's attention

- The health effects of poor AQ
 - Local level
- Links to wider public health issues
 - Obesity
 - Physical activity
 - Diabetes
 - CHD
 - Mental health
 - Improving safety
 - Reducing crime
 - Increasing social cohesion and equality
- · Walking, cycling
- Green infrastructure and the environment
- WY as a place to live, work and invest

Foresight-Full obesity systems map with thematic clusters





West Yorks Low Emission Strategy

- DEFRA funding
- Addressing emissions associated with:
 - Buses
 - Freight
 - Passenger Cars
 - Taxis
 - Trains
 - Planning Guidance & Air Quality



Integrated working

- Political interest: EU Fines etc.
- HWBBs, Health Protection Boards
- Local Authority Chief Transport Officers for WY
- West Yorkshire Combined Authority / Leeds City Region
- Transport for the North
- Input to the West Yorkshire Transport Strategy 2016-36 and Transport for the North Strategy.
- "If you plan cities for cars and traffic, you get cars and traffic. If you plan for people and places, you get people and places."