



Developing an early warning system for public concerns about vaccine safety

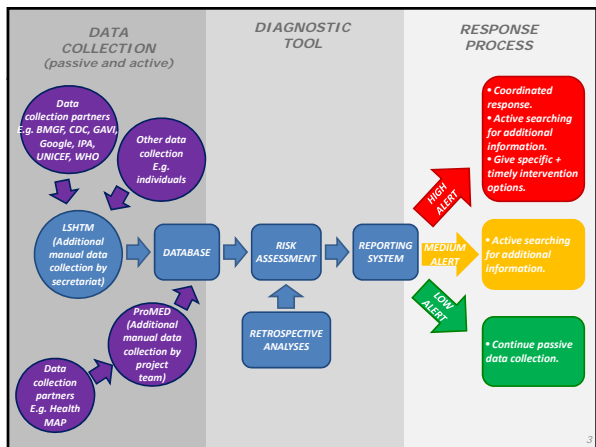
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Goals and objectives

- To build an information surveillance system for early **monitoring and detection of public concerns** around vaccines;
- To apply a diagnostic tool to data collected to **determine the risk level of public concerns** in terms of their potential to disrupt vaccine programs;
- To **provide analysis and guidance** for early response and public engagement.



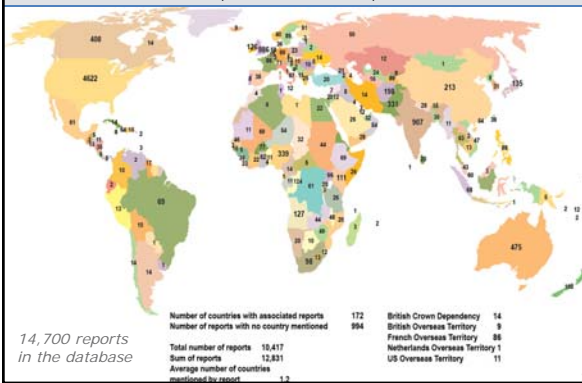
What might people be concerned about?

Data categories of Public Concern

- Additives
- AEFI
- Beliefs
- Motives
- Policy/Recommendation
- Risk/Benefit
- Cost

Reports globally

(Mar 2010 to Feb 2011)



Concerns about influenza vaccine

Non-vaccination and vaccine refusals

Low vaccine uptake among:

- healthcare workers (Ireland, UK, USA)
- children (Australia, Hong Kong, Ukraine, USA)

Risk/Benefit

- Perceived risks of influenza vs. perceived risks of influenza vaccine (fever, Gulf War Syndrome, pain).
- Low perceived effectiveness of influenza vaccine.

7

Concerns about H1N1 vaccine

Business motives

"Big pharma and WHO created false pandemic for financial gain"

"The governments keep natural medicine very quiet because there is no money in it"

"Population planners at the highest levels of government and industry conspired to spread diseases, vaccines, drugs, and death most profitably"

Risk/Benefit

Perceived risks of swine flu (mild symptoms, death) vs. perceived risks of H1N1 vaccine (death, guillian barre syndrome, narcolepsy)

AEFI – Narcolepsy

8



Project to Protect Public Confidence in Immunization

<http://www.lshtm.ac.uk/eph/ide/research/vaccinetrust/>

10