DYNAMIC MODELLING OF PROVENANCE AND PERSPECTIVES OF TEXTUAL DATA.

Piek Vossen
Faculty of Humanities
VU University Amsterdam
WE DO NOT LIVE IN THE INFORMATION SOCIETY

FREE ACCESS TO INFORMATION AND KNOWLEDGE

WE LIVE IN A COMMUNICATION SOCIETY

FREE ACCESS TO UNSUPPORTED CLAIMS, LIES, ERRORS, DECEPTION, MANIPULATION, INCONSISTENCIES, TRUST, VAGUENESS, IMPRECISION, MISQUOTES, WRONG CITATIONS
A SOCIETAL DEBATE: VACCINES!

- MEDICAL SCIENCE
  - (Andrew Wakefield 1998, Lancet, vaccination causes autism)
- GOVERNMENT
- PHARMACY
- PUBLIC
  - ANTI-VACCINATION MOVEMENT
  - VACCINATION MOVEMENT
  - EXTREMISTS
  - PARENTS
AND THEN IT HAPPENED...
IN THE HAPPIEST PLACE ON EARTH

IN DECEMBER 2014, A LARGE OUTBREAK OF MEASLES STARTED IN CALIFORNIA WHEN AT LEAST 40 PEOPLE WHO VISITED OR WORKED AT DISNEYLAND THEME PARK IN ORANGE COUNTY CONTRACTED MEASLES; THE OUTBREAK ALSO SPREAD TO AT LEAST HALF A DOZEN OTHER STATES.

HTTPS://WWW.CDPH.CA.GOV/HEALTHINFO/DISCOND/PAGES/MEASLES.ASPX
ZERO U.S. Measles Deaths in 10 Years, but Over 100 Measles Vaccine Deaths Reported

Deaths in the U.S. during the past 10 years: 2004 to 2015

Due to Measles

ZERO

Source: CDC

Due to Measles Vaccines

108

Source: VAERS database
Brian Shilhavy  
Health Impact News Editor  

With the measles and measles vaccine debate reaching a near frenzy on the Internet, it is always nice to throw some cold hard facts on the firestorm currently raging in the measles debate.

So here are some easily verifiable facts regarding deaths due to measles in the United States for the past 10 years, and deaths due to measles vaccines during the same 10 year period.

First, the Centers for Disease Control and Prevention (CDC) keeps a weekly tally of disease outbreaks, including deaths. According to a statement made by Dr. Anne Schuchat, the director of CDC’s National Center for Immunization and Respiratory Diseases, in an Associated Press story picked up by Fox News on April 25, 2014:

There has been no measles deaths reported in the U.S. since 2003. [1]
Vaccines Have Serious Side Effects - The Institute of Medicine Says So!

By Dr. Mercola

As I have long stated, and the Institute of Medicine (IOM) now admits:

"Vaccines are not free from side effects, or "adverse effects"

This admission came after a review of more than 1,000 vaccine studies, which was intended to assess the scientific evidence in the medical literature about specific adverse events associated with eight vaccines for measles, mumps, rubella (MMR); varicella (chickenpox); influenza; hepatitis A; hepatitis B; HPV; diphtheria, tetanus, acellular pertussis (DtaP); and meningococcal. The adverse events selected for IOM review were ones for which people had submitted vaccine injury claims to the federal Vaccine Injury Compensation Program (VICP). A convincing causal relationship was found for 14 adverse events and certain vaccines.
Measles

Fact sheet N°286
Updated November 2015

Key facts

- Measles is one of the leading causes of death among young children even though a safe and cost-effective vaccine is available.
- In 2014, there were 114,900 measles deaths globally – about 314 deaths every day or 13 deaths every hour.
- Measles vaccination resulted in a 79% drop in measles deaths between 2000 and 2014 worldwide.
- In 2014, about 85% of the world’s children received one dose of measles vaccine by their first birthday through routine health services – up from 73% in 2000.
- During 2000-2014, measles vaccination prevented an estimated 17.1 million deaths making measles vaccine one of the best buys in public health.

Measles is a highly contagious, serious disease caused by a virus. In 1980, before widespread vaccination, measles caused an estimated 2.6 million deaths each year.

The disease remains one of the leading causes of death among young children globally, despite the availability of a safe and effective vaccine. Approximately 114,900 people died from measles in 2014 – mostly children under the age of 5.
Side effects of immunization are mostly mild, such as a sore arm or mild fever for a day. However, there is no way to absolutely predict how a specific individual may react to a particular vaccine. If a more serious reaction (adverse event) is suspected, this should be reported to a health care provider or public health office where the vaccine was given.

Procedures and forms to report an adverse event following immunization can be found on the Public Health Agency of Canada’s Vaccine Safety website (external link).

- Canadian Adverse Events Following Immunization Surveillance System (CAEFISS) (external link)
- IMPACT – Canadian Immunization Monitoring Program ACTive: Canadian Paediatric Society (external link)
- World Health Organization: Vaccine Safety (external link)
BUILD MACHINES THAT HELP TO UNDERSTAND COMMUNICATION

newsreader-project.eu

OOH WHAT BIG EARS YOU HAVE

GOOD LISTENER MUST BE YOU

17 components to analyse language
In 2014, there were 114,900 measles deaths globally. There has been no measles deaths reported in the U.S. since 2003. The search result contained 108 deaths over this period, resulting from four different measles vaccines.

During 2000-2014, measles vaccination prevented an estimated 17.1 million deaths.
In 2014, there were 114,900 measles deaths globally. There has been no measles deaths reported in the U.S. since 2003. The search result contained 108 deaths over this period, resulting from four different measles vaccines ...

During 2000-2014, measles vaccination prevented an estimated 17.1 million deaths.
In 2014, there were 114,900 measles deaths globally. There has been no measles deaths reported in the U.S. since 2003. The search result contained 108 deaths over this period, resulting from four different measles vaccines.

During 2000-2014, measles vaccination prevented an estimated 17.1 million deaths.
In 2014, there were 114,900 measles deaths globally. There has been no measles deaths reported in the U.S. since 2003. The search result contained 108 deaths over this period, resulting from four different measles vaccines ...

During 2000-2014, measles vaccination prevented an estimated 17.1 million deaths.
In 2014, there were 114,900 measles deaths globally. During 2000-2014, measles vaccination prevented an estimated 17.1 million deaths.

There has been no measles deaths reported in the U.S. since 2003. The search result contained 108 deaths over this period, resulting from four different measles vaccines.
SIDE EFFECTS OF HPV VACCINATION

WWW.APOTHEEK.NL

- pijn plaats injectie
- roodheid
- koorts
- vermoeidheid
- misselijkheid
- buikpijn
- stuiptrekkingen
- braken
- diarree
- galbulten
- jeuk
- benauwdheid
- zwellingen
- spierpijn
- hoofdpijn
- vreemde gevoelswaarneming
- opgezwollen lippen, tong of gezicht
- problemen met zien
- harde plek onder huid of bloeding
- pijn in de armen of benen

WWW.DOKTERDOKTER.NL

- zwellingen
- jeuk
- spierpijn
- flauwvallen
- hoofdpijn
- gewrichtspijn
- misselijkheid
- huiduitslag
- roodheid
- vergrote eileiders
- eierstokcysten
- onvruchtbaarheid
- spontane abortussen
- miskramen
- geboorteafwijkingen
- zwellingen
- coma
- slapheid
- jeuk

WWW.EARTH-MATTERS.NL

- overlijden
- beroertes
- epilepsie
- verlammingen
- duizeligheid
- hartproblemen
- korte adem
- haaruitval
- gewichtsverlies
- slapeloosheid
- zenuwpijn
- rugpijn
- gehoorverlies
- trombosis
- vergrote lever
- menstruatiepijn
- stemmingswisselingen
- chronische vermoeidheid
- auto-immuun ziekten
- spraak en oogproblemen
- opgezette lymfeklieren
- baarmoederhalskanker
PROVENANCE NETWORKS
DID THEY CHANGE THE PERSPECTIVE?

www.autismweb.com
slippdigby.wordpress.com
vaccinatiesdoorgeprikt.nl
www.nujij.nl
www.wanttoknow.nl
Frank Bleeker
www.naturalnews.com

WWW.TINUSSMITS.NL
www.menssana.nu
nvkp.nl
www.cease-therapie.nl
www.klassiekehomeopathie.net
www.lareb.nl
www.rivm.nl
www.apotheek.nl
www.dokterdokter.nl
www.wijwordenwakker.org
www.earth-matters.nl
kanker-therapie.nl
martinvrijland.com
www.actueelnieuwsnederland.nl
Long term vision

• Can we turn the internet into a network that shows:
  • who states what when?
  • what is their perspective on this information?
  • where do they get their information from?
  • do they twist or change the information?
  • what is the quality of this information?
vaccins → cause → swelling  
vaccins → cause → autism

= certain, denial, sells pills, angry
vaccins → cause → swelling

vaccins → cause → autism

GRASP
GROUNDED REPRESENTATION AND SOURCE PERSPECTIVE

○ = certain, denial, sells pills, angry
vaccines - cause - swelling
vaccines - cause - autism

GRaSP
GROUNDED REPRESENTATION AND SOURCE PERSPECTIVE

= certain, denial, sells pills, angry

PHARMACY
GOVERNMENT
MEDICAL SCIENCE

ANTI VACCINES
PARENTS
PRO VACCINES

1850
2050
The Internet map

http://internet-perspectivemap.net/

BUILD A KNOWLEDGE AND INFORMATION MAP WITH PERSPECTIVE VALUES