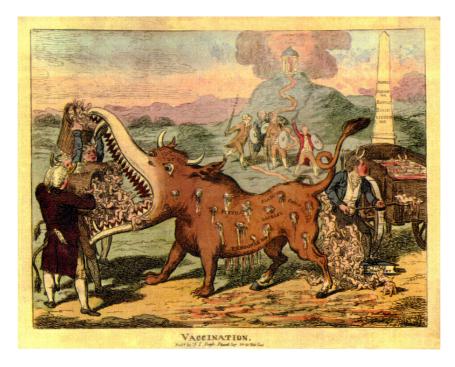
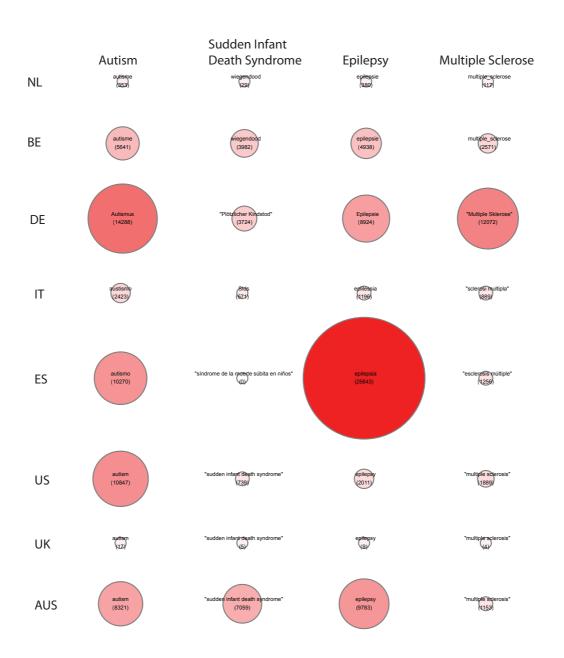
The Vaccination Debate



Paul Chappel Maria Gonzalez Aguado Alessandro Caliandro Sabine Niederer Jeroen Jonkman

Vaccine Controversy: resonance per country

Comparing resonance in the top 20 local Google results per country



en.wikipedia.org/wiki/Vaccination (2) flu.gov/individualfamily/vaccination

- (1) nhs.uk/planners/vaccinations/pages/landing.aspx (0) avn.org.au (713) naturalnews.com/vaccination.html
- (1) cdc.gov/flu/professionals/vaccination (0) cdc.gov/flu/protect/vaccine (1) whale.to/vaccines.html
- (1) netdoctor.co.uk/health_advice/facts/childhoodvaccinations.htm (1) immunise.health.gov.au (11) nvic.org (252) vaccination.co.uk (15) traveldoctor.com.au (7) vaclib.org

vaccinationnews.com (9070)

(0) vaccination.org.au (3) tmb.ie (14) vaccinationtruth.com (0) caringforkids.cps.ca/immunization/index.htm (0)

Search engine: google.com

Query: Vaccination

Top source_URL: vaccinationnews.com

Description: Sceptical site run by a not-for-profit organisation

Claims:

Vaccination risks are understated by government and the medical profession.

Toxic chemicals are contained within vaccines.

No-one should be forced to vaccinate.

The websites that resonate in the US are both national and international. There are websites several websites from Australia included in the top 10.

The top 4 sites are run by sceptical non profit organisations and the other sites are run by a variety of organisations.

en.wikipedia.org/wiki/Vaccination (2) avn.org.au (713) immunise.health.gov.au (12) health.gov.au (879) traveldoctor.com.au (7) vaccination.org.au (3) vaccinationtruth.com (0) visainfo.org.au (18) betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Travel_vaccinations?open

mydr.com.au (6680)

poultryhub.org/bird-health-and-disease/vaccination (o) hpvregister.org.au

- (0) vaccinations.com.au (0) vaccination.inoz.com/Similar (0) travelvaccination.com.au (0) travelvaccines.com.au (0) yellowfever.com.au
- (o) vaccinationawareness.com.au (7) health.act.gov.au/health-services/find-a-health-service/immunisation-and-vaccination
- (o) apvma.gov.au/use_safely/vaccination.php (o)

Search engine: google.com.au

Query: Vaccination

Top source_URL: mydr.com.au

Description: Health portal

Claim: Vaccines are useful tools for public health.

Although the top website was a health portal that was not sceptical, there were three sceptical websites. The top sceptical website made claims such as 'Investigate before vaccinate' and suggested AVN (the organisation) is often victimised.

The top 8 sites were all Australian and were a mix of non profit organisations, health portals and government sites.

nhs.uk/planners/vaccinations/pages/landing.aspx (o) netdoctor.co.uk/health_advice/facts/childhoodvaccinations.htm

(1) vaccination.co.uk

(15) hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/VaccinationImmunisation (o) immunisation.nhs.uk

(1) dh.gov.uk/ab/JCVI/DH_094786 (0) fitfortravel.nhs.uk (0) masta-travel-health.com (0) nvmonline.co.uk (0) future-of-vaccination.co.uk

(o) travelhealth.co.uk (o) scs.qmul.ac.uk/swineflu/Docs/20337.pdf (o) mdtravelhealth.com/destinations/asia/india.html

(0) traveldoctor.info/vaccinations/india.116.html (0) nhs.uk/chq/Pages/1072.aspx?CategoryID=67&SubCategoryID=152 (0) bbc.co.uk/news/uk-wales-13931091 (0) noah.co.uk/issues/briefingdoc/20-equinevaccination.htm (0) petvaccinationclinic.co.uk (0) myvaccs.com

(o) nathnac.org/yellowfevercentres.aspx (o)

Search engine: Google.co.uk

Query: Vaccination

Top source_URL: www.vaccination.co.uk.

Description: 'Personal' site run by a chiropractist. Claim: Vaccination risks often outweigh benefits.

Only three of the sites found by the scraper were related to Autism. This is perhaps surprising given the Autism/MMR debate was started after a publication in the UK scientific Journal 'The Lancet.' Two of the three sites included in the final analysis were non-sceptical. One was governmental and the other a health portal.

lcr.nl (o) nl.wikipedia.org/wiki/Inenting (o) rijksoverheid.nl/onderwerpen/vaccinaties (o) gezondopreis.nl

(o) rivm.nl/rvp(1) vaccinatiesopreis.nl (o) travelclinic.com/264/suriname.htm (o) nvkp.nl

(195) tinussmits.nl (72) skepsis.nl/inenten.html (1) cjgrijnmond.nl/hpv-vaccinatie

(o) thuisvaccinatie.nl (o) ggdgooi.nl/content/3-infoover/jgz/04-vaccinaties.htm

(o) emigratiesuriname.nl/vakantie/vaccinatie (o) problemenopreis.nl/gezondheid/vaccinaties

(o) gezondheidsraad.nl (83) ggdmn.nl/client/3/?

websiteid=3&contentid=4107&pagetitle=Vaccinatie_HPV (1) travelclinic.nl (0) natuurlijk-welzijn.org/artikel/Vaccinatie171.html (0)

Search engine: Google.nl

Query: Vaccinatie

Top source: www.nvkp.nl

Dutch anti vaccination organization.

Claim

Breakthrough: U.S. Court of Federal Claims has determined that thimerosal, a preservative containing mercury in many vaccines for children, can cause autism.

Largest sources

Governmental organizations (2 out of 6). Just one of the sources – actually the main source - of them is skeptical.

Nationality of search results All Dutch

vacciweb.be (3) nl.wikipedia.org (492) belgium.be (110) gezondheid.be (1250) e-gezondheid.be (246) zorg-en-gezondheid.be (12) itg.be (2) boozoo.be (0) ehealth.fgov.be (0) vaccinatieweek.be (2) cjsm.vlaanderen.be

(3) tegenkanker.be (8) uzleuven.be (219) vrgt.be (0) provant.be (137) **Zappybaby.be**

(2670) vwvj.be (119) users.telenet.be (357) cm.be (10) schaerbeek.irisnet.be (1)

Search engine: Google.be

Query: Vaccinatie

Top source: http://www.vacciweb.be

Belgian health portal for questions on vaccination.

Claims

The link between vaccination and autism has not been scientifically proved and belongs to the realm of rumors.

Vaccines have some side effects but are generally safe. Experts know what they are talking about

In some cases vaccination is not necessary (e.g. 'common flu'). But if necessary (follow the experts) vaccination is a good idea.

Largest sources

Governmental organizations (4 out of 10). None of the sources is skeptical.

Nationality of search results

All Belgian, but remarkably the top search and one other website are written in French

levaccinazioni.it (104) salute.gov.it (154) vitanaturale.it (0) mednat.org (403) disinformazione.it (30) epicentro.iss.it

(o) mammaepapa.it (13) comilva.org (1610)

lgirodelmondo.it (o) BioPort.com

(o) cesmet.com (o) amicianimali.it (o) amicopediatra.it (9) asl.milano.it (2) guidaconsumatore.com

(78) vaccinazioni.it (0) bag.admin.ch (13) totemtabu.it (0) sponzilli.it (0) aslromaa.it (7)

Search engine: Google.it

Query: Vaccinazioni

Top source:

Comilva. Org is a portal related to a national civic association of parents. It is skeptical.

Claims

No-one should be forced to be vaccination.

Mandatory vaccinations are in contrast with the Civil Rights.

Mandatory vaccinations hinder the right of acting, thought, and information.

Largest sources

Governmental organizations (4 out of 10).

Generally speaking 7 sources out of 10 are not skeptical.

Nationality of search results

All the sources are national, just one links to a the Board of Health of Switzerland.

saludcapital.gov.co (14) vacunacion.com.ar (17) msal.gov.ar (19) esmas.com (1090) salud.bioetica.org (13) bebesenlaweb.com.ar (2) vacunacionlibre.org (13) vacunas.org (781) msps.es (60) col.ops-oms.org (0) saludcolombia.com (0) nlm.nih.gov

(144) guiainfantil.com (7970) portalfarma.com (14) nl.gob.mx (101) vacunasaep.or (16) redsalud.gov.cl (16)

Search engine: google.es (Spain)

Query: Vacunación

Top source_URL & description

http://www.guiainfantil.com/salud/vacunas.htm

Health information portal for parents. Not Skeptical. It assumes that vaccination is "natural" and offers advices and vaccination calendar for parents. It warms about general slight side-effects, not about autism.

Claims

No remarkable claims

Largest sources

Sources were governmental web pages (7) and health portals (3- one of them was personal and devoted to the promotion of vaccination).

All the sources support vaccination and only assert slight and commonly risks of vaccines (mainly fever).

Nationality of search results

The fifty per cent of the sources (5) were national, three were based in Latin American countries (Argentina (2) and Mexico (1), one in the US and one was an international Latin American portal.

Skeptical pages were not founded.

Note: vaccination debate could be also related with language communities The web based in the US was supportive with vaccination although in this country there is an active movement against it.