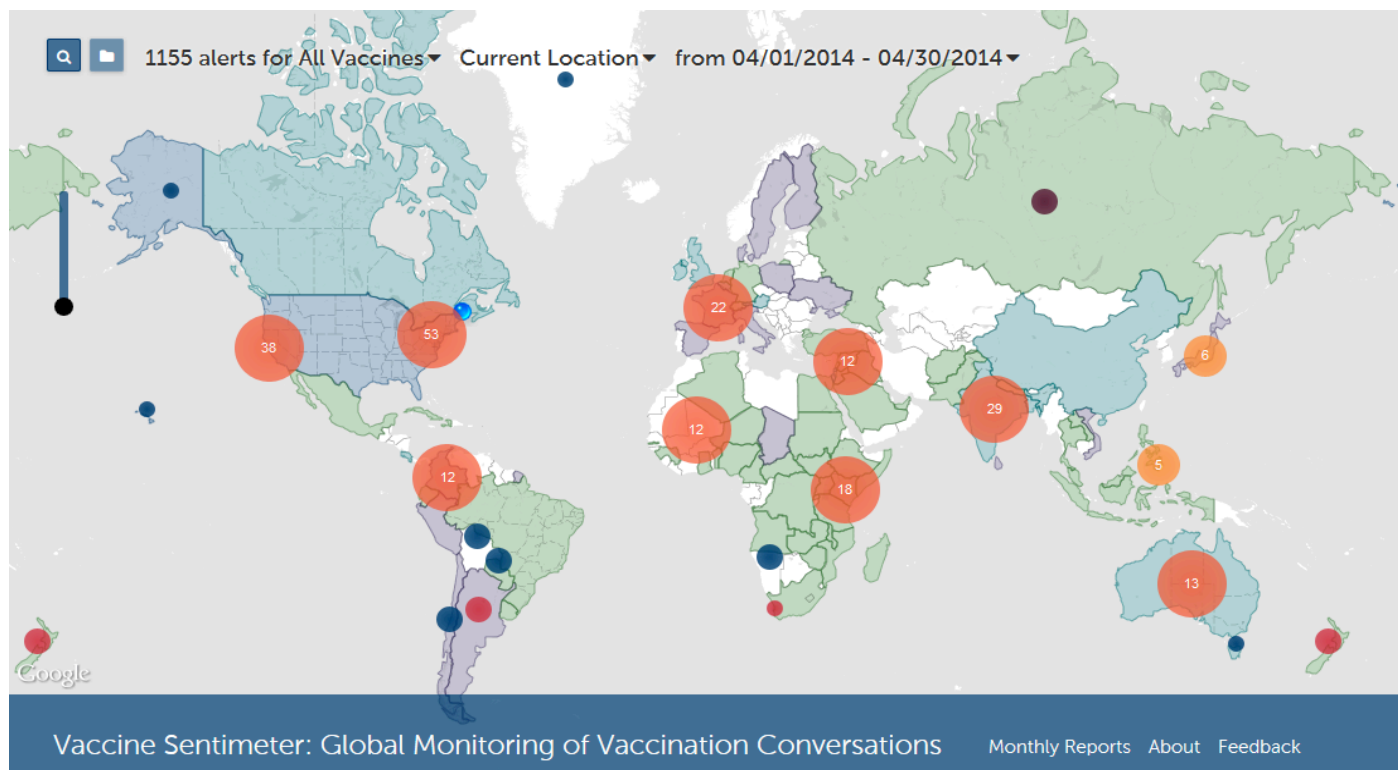


Vaccine Media Trends Barometer

April 2014

Geographic Activity April 1-30, 2014



Activity Summary

April Reports		Number	% of Total	Classified as High or Moderate Risk
Vaccine Sentiment	Negative	253	9%	244
	Neutral	86	3%	74
	Positive	2557	88%	817
Total		2896		1135

Media with Negative Vaccine Sentiment or High Risk Events Reported

Hepatitis B Vaccine Kills 17 Children

A US author reports on 17 deaths after HBV immunization in China in 2013, and the general risks of the vaccine

<http://humansarefree.com/2014/04/hepatitis-b-vaccine-kills-17-children.html>

Ineficiencia de la Vacuna contra el VPH, visto por un médico del Perú Profundo

The dangers and inefficiency of the HPV vaccine in Peru

<http://www.arsenalterapeutico.com/2014/04/06/ineficiencia-de-la-vacuna-contra-el-vph-visto-por-un-medico-del-peru-profundo/>

Parents Say No to HPV Vaccine

HPV vaccine refusals in South Africa

<http://news.google.com/news/url?sa=t&fd=R&ct2=us&usg=AFQjCNFJXEyAddEj2gT8ZBMsNFrEk4N1FA&clid=c3a7d30bb8a4878e06b80cf16b898331&cid=43982365491541&ei=8dZDU7CKIYvBggf1hgE&url=http://www.iol.co.za/lifestyle/family/kids/parents-say-no-to-hpv-vaccine-1.1672840>

Doctor Bernard Dalbergue: “Todo el mundo sabía que Gardasil no aportaba

A doctor speaking out against HPV vaccine in France

<http://noticiasdeabajo.wordpress.com/2014/04/28/doctor-bernard-dalbergue-todo-el-mundo-sabia-que-gardasil-no-aportaba-estrictamente-nada/>

NPR (and Other Major Media) Spreads Serious Falsehoods about HPV Vaccine

The dangers of HPV vaccine in the US

<http://www.anh-usa.org/falsehoods-about-hpv-vaccine/>

California pushing measles scare story after just one in a million people contract rare disease

The risks of MMR vaccine in the US

http://www.naturalnews.com/044701_measles_scare_story_california.html

VPD Outbreaks

Measles

- United States: Ohio, New York, Washington, Connecticut
- Canada: Calgary, Alberta, Edmonton, Manitoba
- Vietnam
- Australia

Polio

- Pakistan
- Iraq
- Cameroon
- Equatorial Guinea
- Afghanistan
- Syria

Policy

- Under pressure from the public, US restaurant chain, Chili's cancels national fundraising event for autism organization considered to be anti-vaccine
- Novartis meningitis B vaccine Bexsero receives FDA Breakthrough Therapy designation in the US
- A spokesperson for the National Immunization Advisory Committee in Ireland suggested that boys may be considered for HPV vaccination in schools in the future. Currently, HPV vaccine is offered to all school girls in Ireland.

Delivery/Access

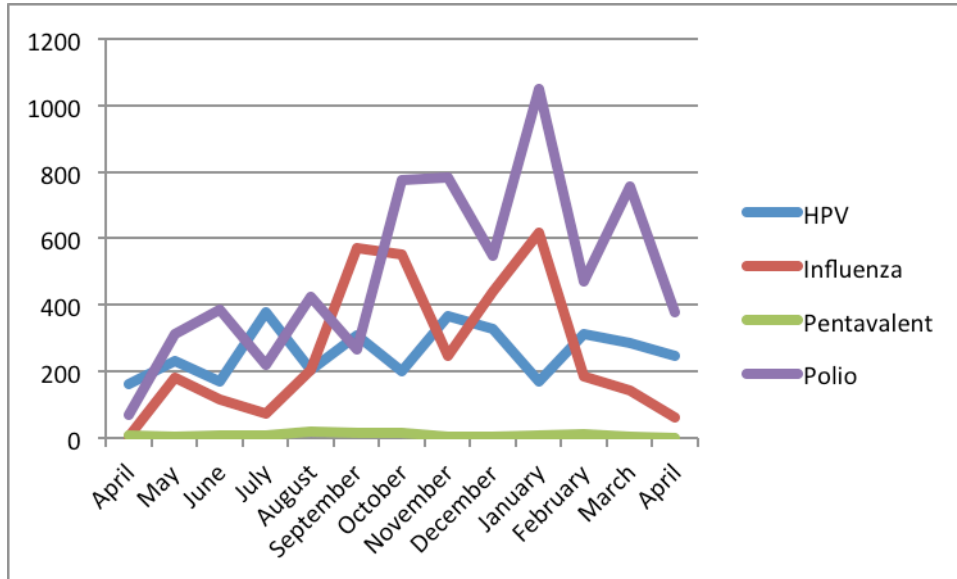
- In Pakistan, the army is taking over security for polio eradication teams in militancy-hit Khyber Pakhtunkhwa province.
- Pakistani officials said Monday they would begin administering polio vaccines to children at security checkpoints in the country's lawless tribal belt to protect against Taliban attacks.

Research

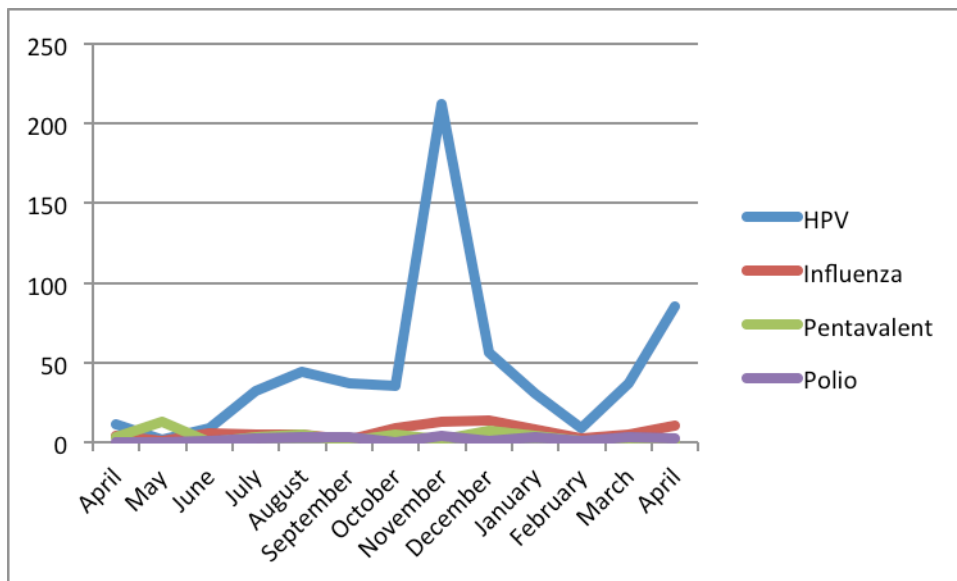
- Sanofi-Pasteur reported success in a Phase III efficacy trial of a candidate dengue vaccine conducted in Asia where cases were reduced 56% with the vaccine.
- Researchers in the UK found that small financial incentives can dramatically increase the likelihood of people who inject drugs completing a course of hepatitis B virus (HBV) vaccination, according to new research published in *The Lancet*.
- A research study in the US finds that HIV positive women respond well to quadrivalent HPV vaccine.
- A study conducted by Public Health England demonstrated a reduction in two high risk HPV types, which are included in the HPV vaccines used in sexually active young women in England.

Number of Reports that Mention Vaccines by Month and Sentiment

Positive Sentiment April 2013-April 2014



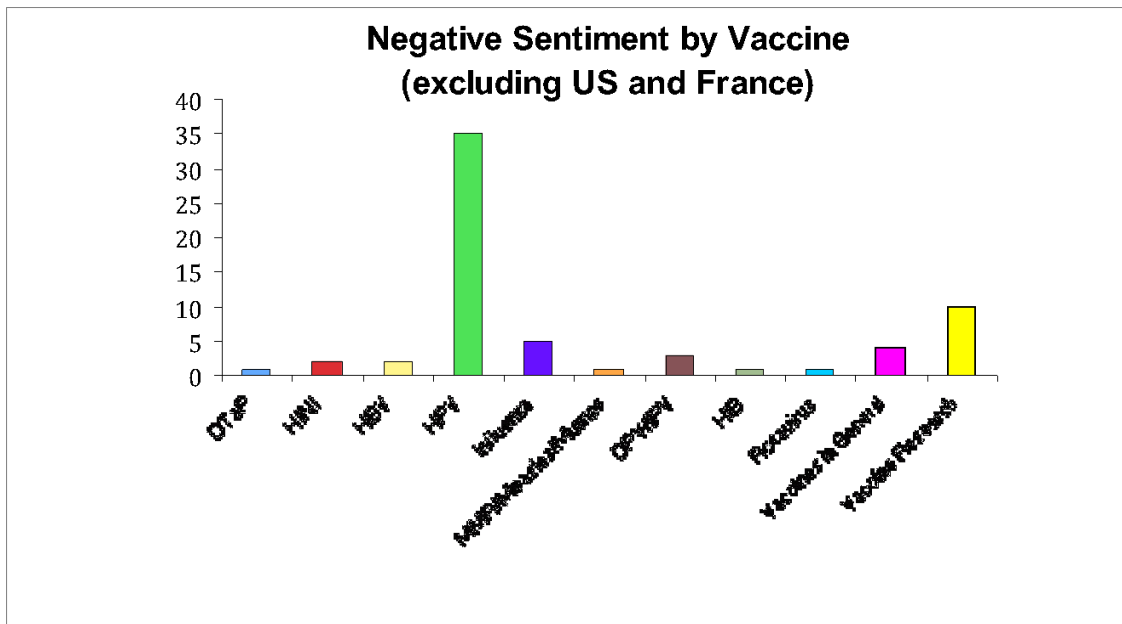
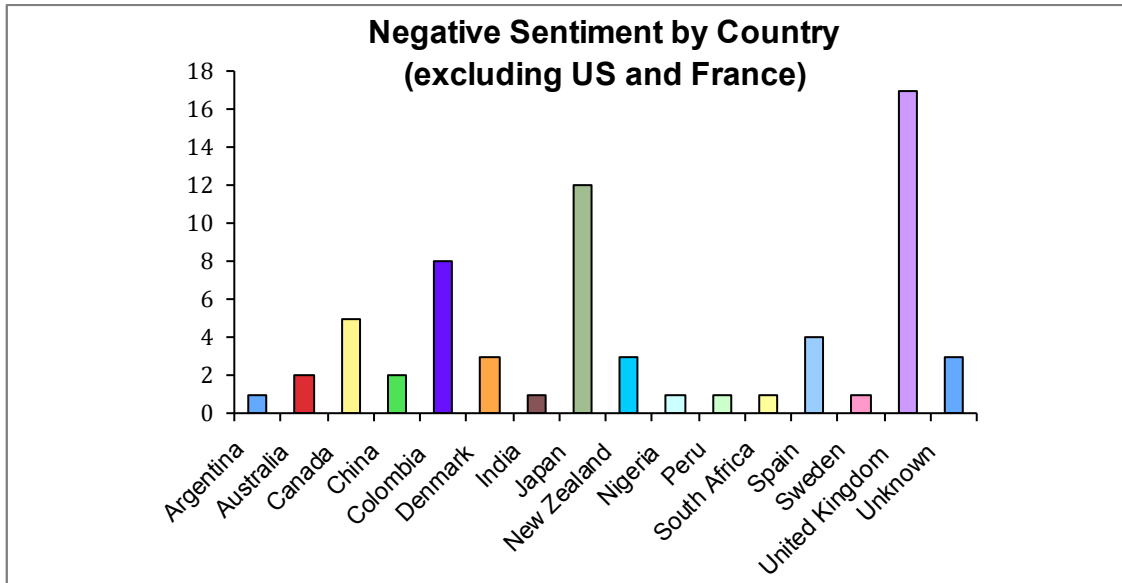
Negative Sentiment April 2013-April 2014

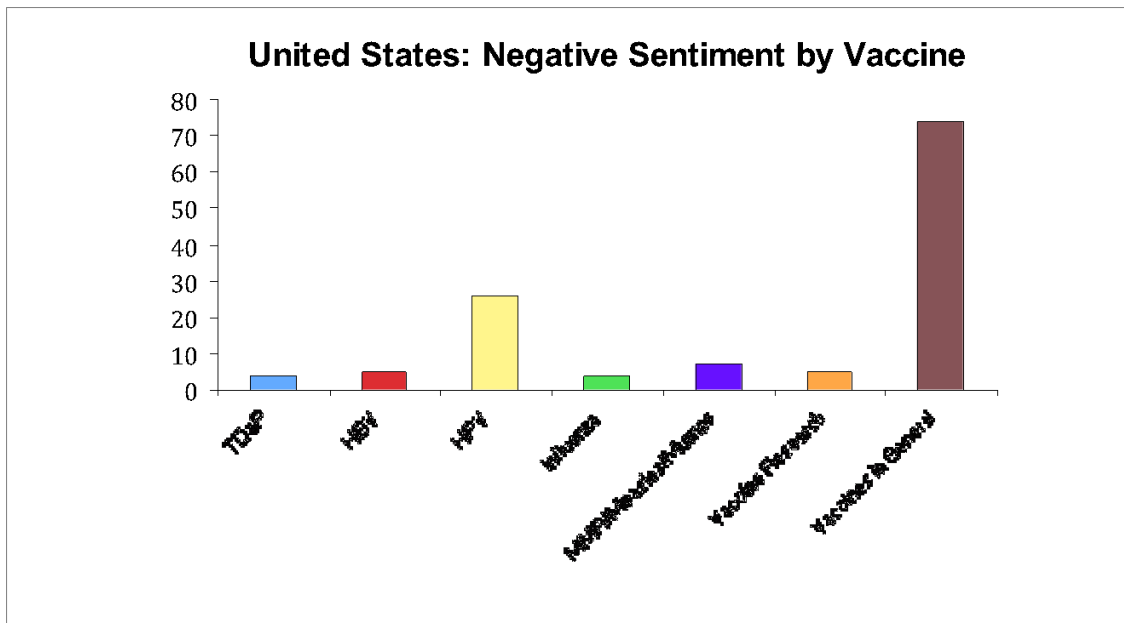
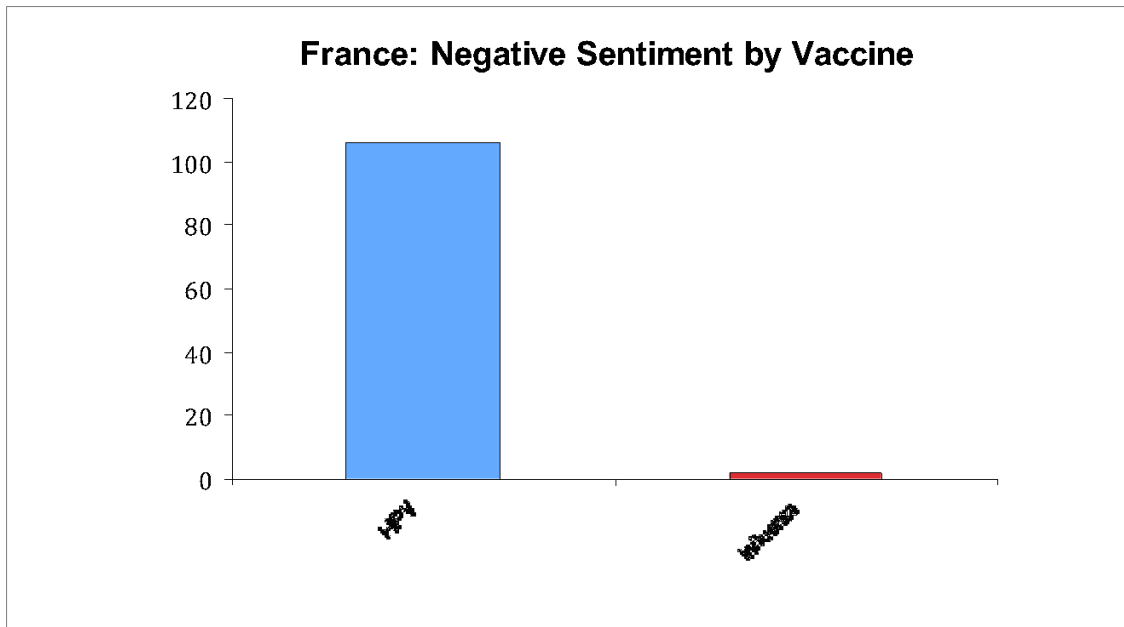


April Negative Vaccine Sentiment* (n= 253 alerts including duplicate reports; 9% of all reports)

A single report may include more than one country or vaccine/disease.

*Due to the large number of negative sentiment reports relative to other countries in April, reports by vaccine for France and the US are detailed separately.





Special Focus

A noticeable increase in negative sentiment reports was observed from March to April, where the percentage of all reports containing negative vaccine sentiment tripled from three to nine percent. This increase appeared to be primarily due to coverage of statements made by Jenny McCarthy in the US and issues around the HPV vaccine in France.

On April 12, Jenny McCarthy, celebrity co-host of a US talk show, wrote a column in the Chicago Sun Times clarifying her stance on vaccines. The column was published in response to negative comments she received regarding a tweet she posted on an unrelated topic. In the past, McCarthy has been outspoken about her belief that her son's autism was due to vaccines, and that she cured him with a change in nutrition. Her recent column was

the focus of numerous reports in April including some with negative sentiment as well as positive sentiment toward vaccines. Articles concerning Jenny McCarthy accounted for 20% of the negative sentiment reports this month.

Also observed in April, was an increase in negative sentiment reports around HPV vaccine in France; similar to that seen in November, 2013 although the April increase was not as substantial. The November uptick was due to coverage of a lawsuit filed in France against Sanofi Pasteur MSD by an 18 year old woman claiming that HPV (Gardasil) vaccination led to multiple sclerosis. The claimant justified her lawsuit on the Regional Commission for conciliation and compensation for medical accidents (RCCI) Bordeaux acknowledgement of a link between pathology and vaccination. At that time, there was an indication that additional claims would be filed, claiming additional adverse effects. Sanofi publicly criticized the determination of the RCCI as not being based on scientific evidence.

The April uptick, representing 42% of all negative sentiment reports this month, appeared to be due to a press conference held on April 2, by Michèle Rivasi, of the European Parliament (Rep. South East France). At the event, she requested a "moratorium" on Gardasil, marketed by a "Franco-American joint venture", pending studies to demonstrate its effectiveness, and citing the original claim filed in November, "twelve additional ones and 25 more expected imminently". At the event, she had present a neurobiologist and two physicians claiming that aluminum in the vaccine posed a risk. Others spoke out against the effectiveness of the HPV vaccine. The observed level of media coverage in the French press continues to suggest the potential for HPV vaccine concern in France and bears monitoring.