

Vaccine Media Trends Barometer

December 2013

Geographic Activity Dec 1- 31 2013

VaccineNews Map



Activity Summary

December Alerts			% of Total
Report Vaccine Sentiment	Negative	225	1.3%
	Neutral	92	0.5%
	Positive	1370	81.2%
Total		1687	



Media with Negative Vaccine Sentiment or High Risk Events Reported

- Reports that seven babies died after **HBV** vaccination in **China**, resulting in the ban of HBV vaccine manufactured by Shenzhen-based BioKangtai Company in China. Authorities deemed that an adverse reaction to the vaccine was not the cause of death. Example: http://news.xinhuanet.com/english/china/2013-12/21/c_132985140.htm
- In **Pakistan**, two police officers and one **polio** worker were shot dead on December 13th in separate incidents. In the first incident, two police officers providing security to a polio team were killed when unidentified men opened fire at them in Swabi. In the second incident, unidentified men on a motorcycle opened fire on a polio team working in a village in Jamrud resulting in death of one of the polio workers. Example: <http://tribune.com.pk/story/644967/unidentified-men-kill-two-police-officers-in-swabi/>
- Reports of healthcare workers in the **United States** refusing to comply with mandatory **influenza** vaccination policies at healthcare facilities in the United States. Example: http://www.pennlive.com/opinion/index.ssf/2013/12/support_for_nurse_fired_refused_flu_vaccine.html
- Reports of calls to ban **Pentavalent** vaccine in **India** due to a history of infant deaths after receiving the vaccine. Example: <http://news.google.com/news/url?sa=t&fd=R&usg=AFQjCNEA7c-2jAkIjH91G9PaC0N8dbznBg&url=http://www.vancouverdesi.com/lifestyle/stop-administering-pentavalent-vaccine-achuthanandan/678689/>
- A report of an infant death following **yellow fever** vaccination in **India**. Example: http://articles.timesofindia.indiatimes.com/2013-12-18/delhi/45336169_1_fever-vaccine-hc-notice-justice-v-k-jain
- Continued coverage of a lawsuit filed in **France** against Sanofi Pasteur MSD by an 18 year old who claims she developed multiple sclerosis following vaccination with the **HPV vaccine**, Gardasil. Example: <http://www.focusur.fr/20131206/gardasil-le-nouveau-scandale-sanitaire>
- Reports about a talk show in the **United States**, hosted by Katie Couric, featuring negative information about **HPV** vaccine. Example: <http://www.ageofautism.com/2013/12/unofficial-transcript-katie-couric-on-gardasil-vaccine-injury.html>

VPD Outbreaks

- **Measles** in Australia, Indonesia and New Zealand
- **Yellow fever** in Sudan
- **Pertussis** in California
- **Polio** in Pakistan and Syria

Policy

- **India** today announced that it would be mandatory for all persons travelling to the country from **Pakistan** to take an **Oral Polio Vaccine** (OPV) beginning in February, 2014
- **Mexico** implements universal **HPV** vaccination for girls ages 9-11

- Alberta Health in **Canada** launches an **HPV** vaccination program for all grade 5 and 9 boys in the province
- **Chilean** senate approves a bill that requires the removal thimerosol from **all vaccines** used in the country
- **New York City** required **influenza** vaccination for children under five years of age

Delivery/Access

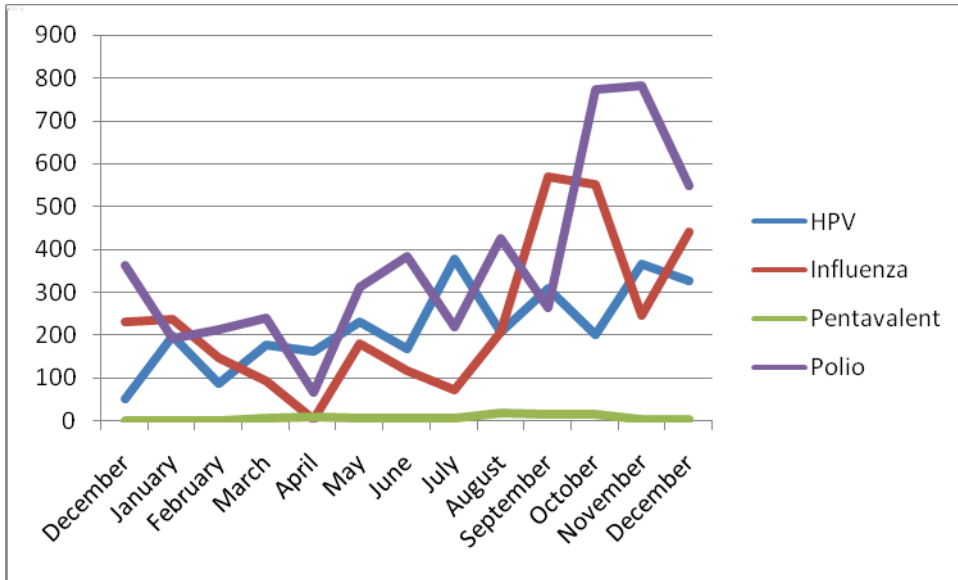
- More than 3,000 students at Princeton University in New Jersey were vaccinated with Bexsero, a vaccine providing protection against serogroup B **meningococcal disease**, but not yet approved for use in the **United States** by the Food and Drug Administration (FDA) under an Investigational New Drug approval from FDA. This was in response to a meningococcal disease outbreak that has been occurring on the campus since March, 2013.
- California requests permission to import Bexsero, a vaccine providing protection against serogroup B **meningococcal disease**, but not yet approved for use in the **United States** by the Food and Drug Administration (FDA) in response to a meningococcal disease outbreak that has been occurring on the University of California Santa Barbara campus in recent months.

Research

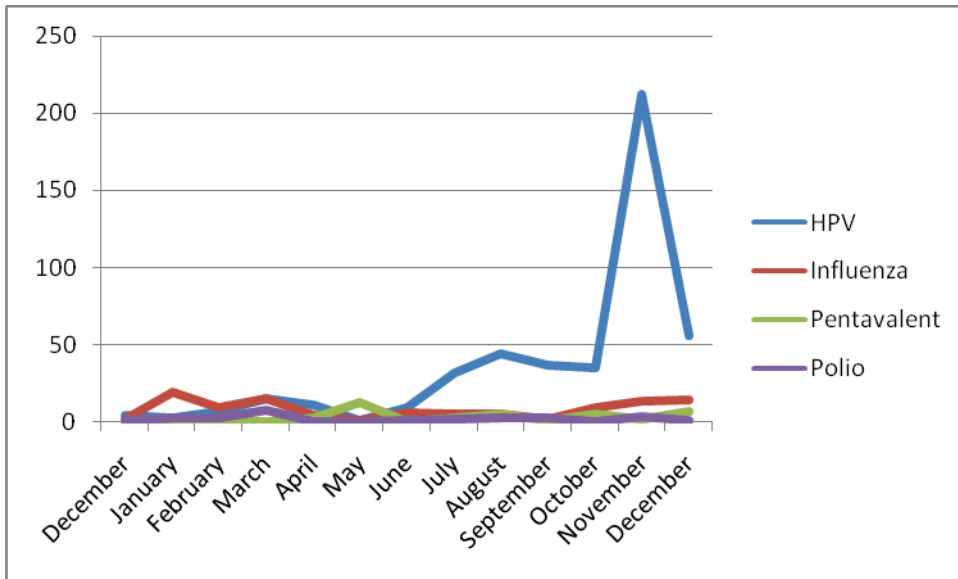
- An assistant professor at **Iowa** State University admits to falsifying research to make it appear an **AIDS vaccine** under development was working better than expected. The research was being funded with millions in NIH funding.
- A **United States** study suggests that **influenza** vaccine may be more effective in women
- **Italian** researchers find that the tuberculosis vaccine (**BCG**) could potentially prevent the onset of Multiple sclerosis

Number of Reports that Mention Vaccines by Month and Sentiment

Positive Sentiment December 2012-December 2013



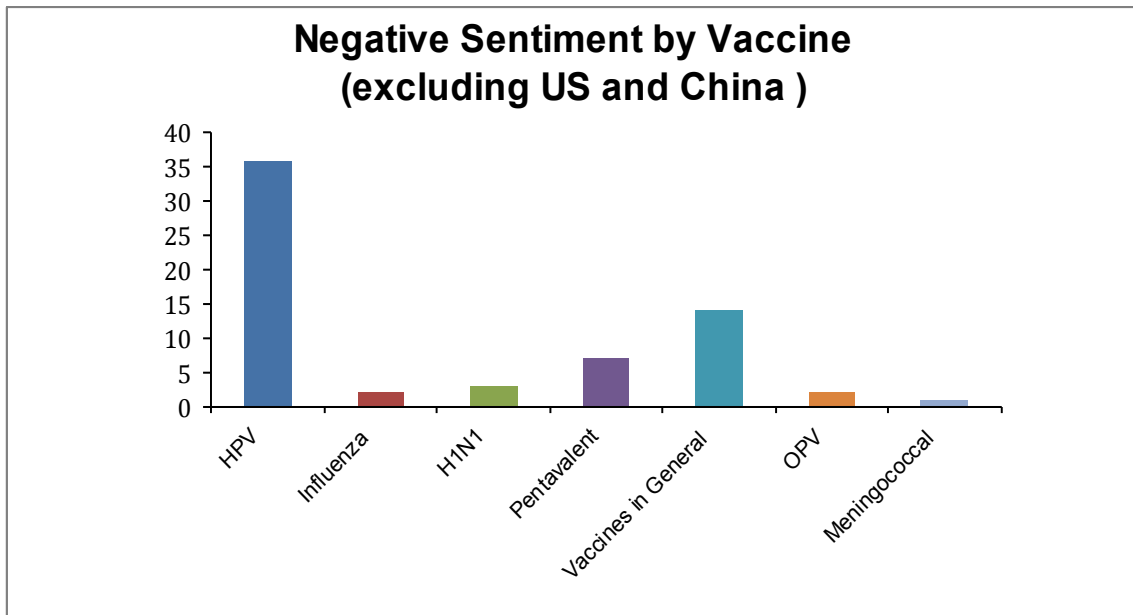
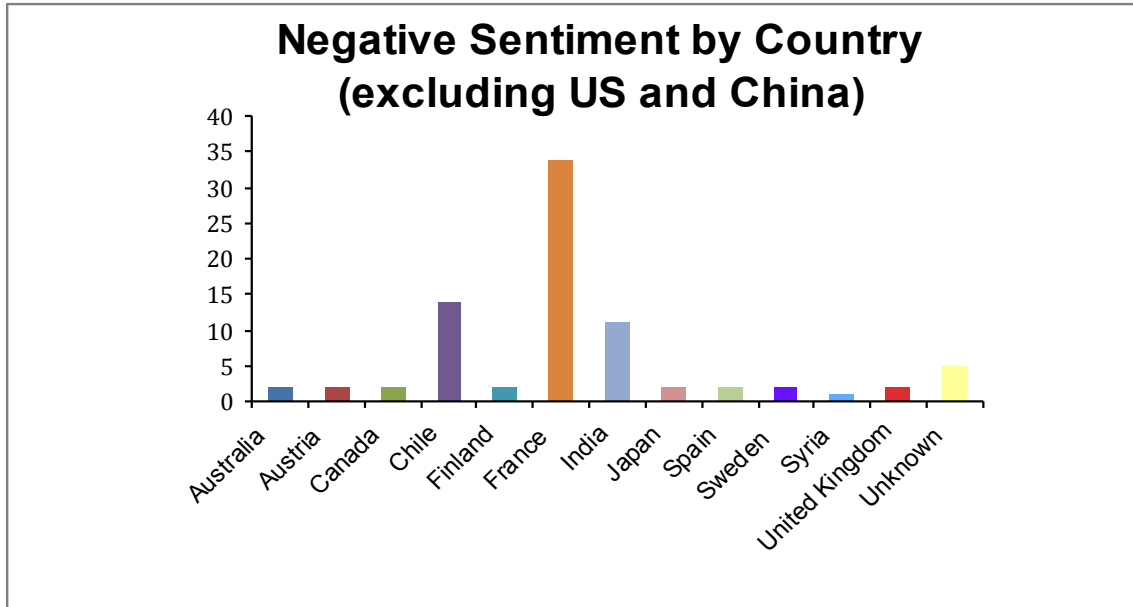
Negative Sentiment December 2012-December 2013

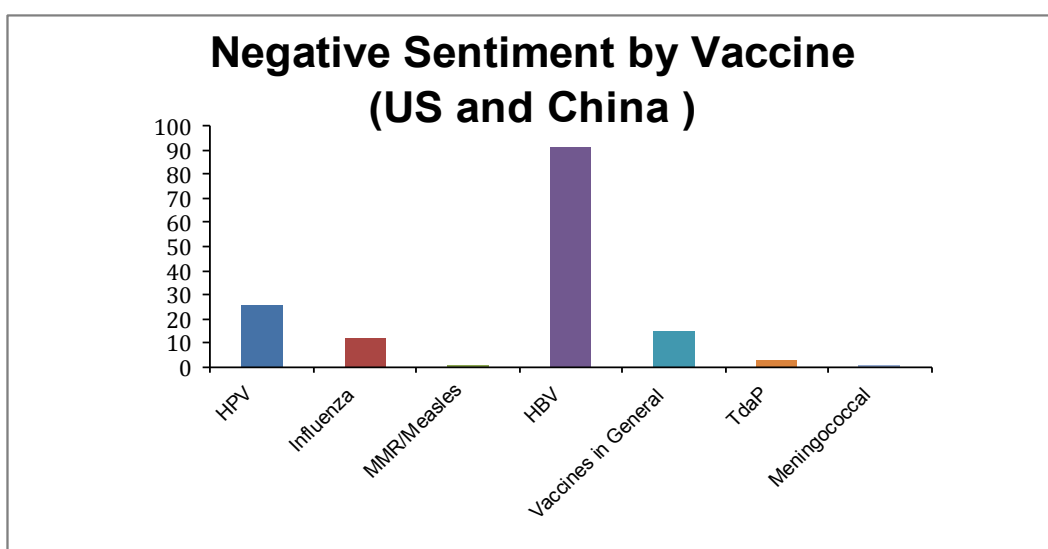
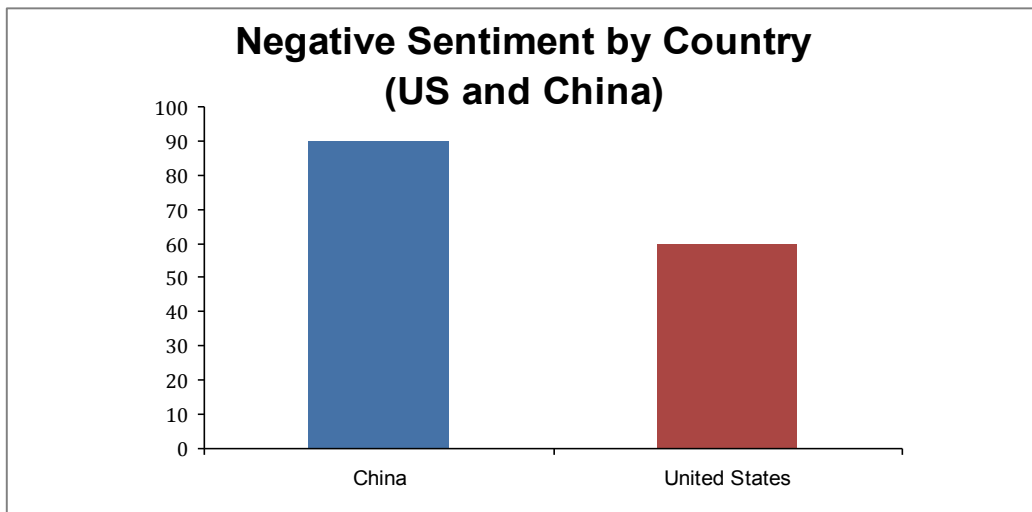


December Negative Vaccine Sentiment* (n= 225 alerts including duplicate reports; 1.3 % of all reports)

Reports may include more than one country or vaccine/disease.

*Due to the large number of negative sentiment reports from China and United States in December, reports by vaccine for these countries are detailed separately.





Special Focus on HBV Vaccine in China

High risk negative sentiment alerts in December were dominated by reports out of China of the deaths of seven babies following vaccination with HBV vaccine produced by Shenzhen-based BioKangtai Company. State news agency Xinhua reported that the initial seven deaths occurred in the southern province of Guangdong as well as the provinces of Hunan and Sichuan. Following these reports, China's top health, food and drug administration suspended use of the BioKangtai product across the country and the Chinese Health Ministry launched an investigation. Chinese regulators cleared the manufacturers of hepatitis B vaccines of any connection to the deaths. By the end of the month, reports were widely circulating that twelve infants had died following HBV vaccination, including in the southern province of Hainan. Three of the deaths were being attributed to HBV vaccine produced by another manufacturer, Beijing-based Tiantan Biological Products Co. Ltd. Both BioKangtai and Tiantan are major suppliers of free HBV vaccine across China. On December 27, the World Health Organization issued a statement in support of China's investigation into the reported deaths and pledged its assistance. Negative blog posts and commentary on mainstream media outlets focused on the Chinese public's worry about the overall safety of vaccines in the country and calls on the government to make more information about the investigation public.