

Vaccine Trends Social Barometer

Monthly Report • September 2013

Geographic Activity for 9/1/13-9/30/13

VaccineNews Map



September 2013 Monthly Activity Summary

Unique Alerts Curated		1124	Total Alerts (Including Duplicate Reports)		2240
Report Vaccine Sentiment	Negative	52	Report Vaccine Sentiment	Negative	70
	Neutral	40		Neutral	88
	Positive	1032		Positive	2082

Reporting Trends: Negative Vaccine Sentiment in September

In September, little of the negative vaccine sentiment content suggested high risk issues of concern. Approximately a third of all reports containing negative sentiment toward vaccines revolved around the HPV vaccine across several countries; primarily, the United States, Israel, United Kingdom and Japan. There were also several duplicate reports through established anti vaccination outlets in the US suggesting that blood products from individuals who received HPV vaccine were potentially hazardous to recipients. An incident in West Bengal, India where 114 children were incorrectly administered HBV vaccine orally, instead of OPV vaccine, resulting in the hospitalization of several children, received substantial coverage across all media streams both in and outside of India. While a few of these reports contained negative sentiment toward vaccination, the vast majority did not. Also this month was some coverage of court settlements in the UK surrounding those who reportedly suffered narcolepsy following vaccination with H1N1 vaccine in 2011-2012. Finally, a few negative reports surfaced in regard to the UK government's proposal to deny public benefits to those who refuse vaccination.



Reporting Trends: Positive or Neutral Vaccine Sentiment in September

Topics in high volume (with positive or neutral sentiment toward vaccines) that suggested issues of concern:

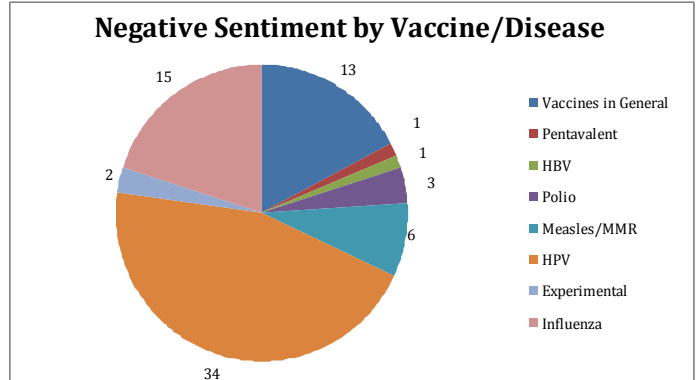
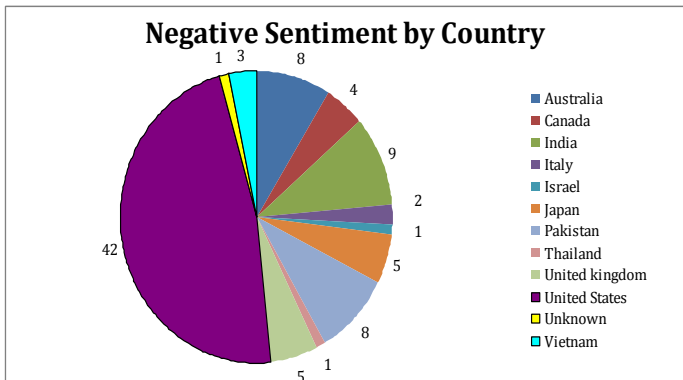
- **US and UK:** Multiple reports of measles outbreaks among under or non-vaccinated groups in several cases, due to religious beliefs
- **India:** Children hospitalized in West Bengal following incorrect administration of HBV vaccine orally instead of OPV vaccine
- **Pakistan:** Polio cases continue to be detected in Pakistan, with vaccination refusals and militant threats cited
- **UK:** Reported shortage of yellow fever vaccine
- **Canada:** Measles outbreak in Vancouver, non-vaccination cited
- **US:** Local pertussis vaccine shortages cited in parts of Illinois

Topics in high volume (with positive or neutral sentiment toward vaccines) that *did not* suggest issues of concern:

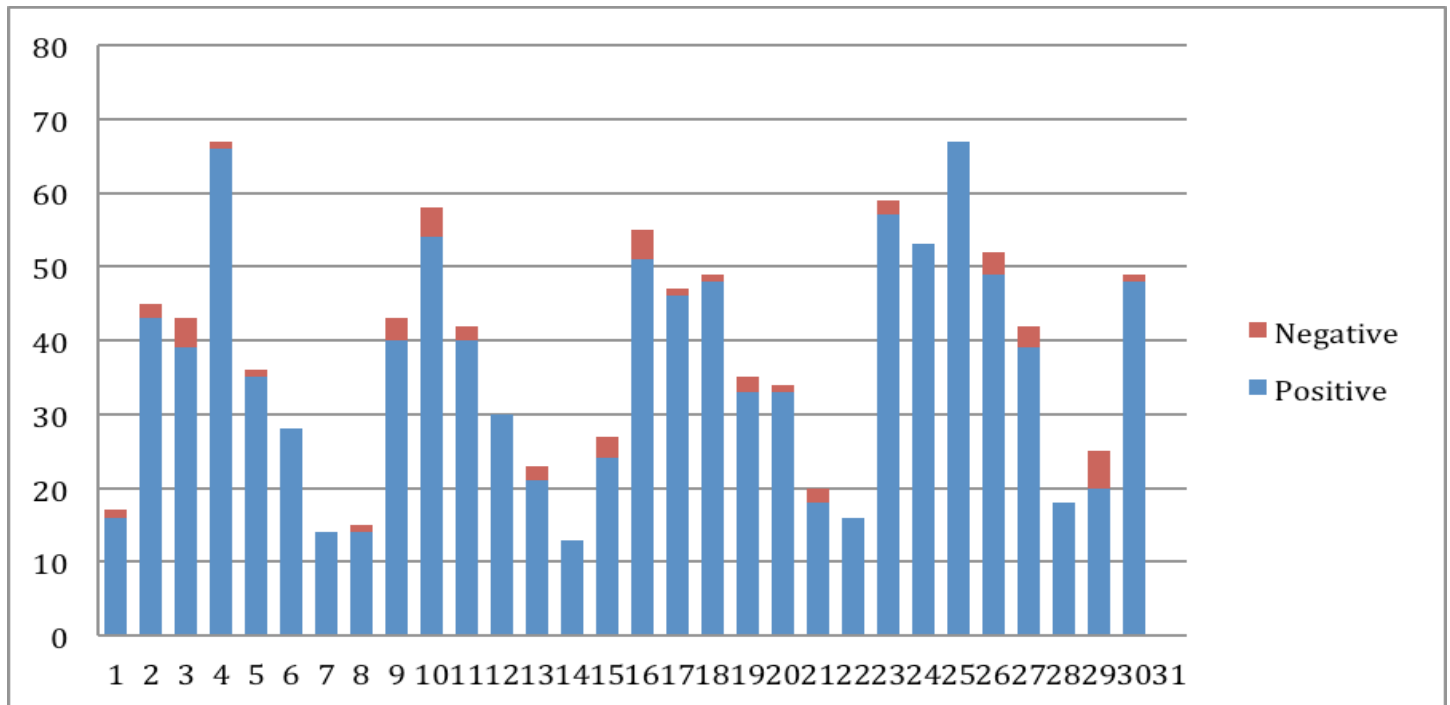
- **US and UK:** Seasonal influenza vaccine clinics; general vaccine recommendations Polio immunization in Pakistan, India and Israel
- **US:** Researchers at the NIH begin testing an H7N9 avian influenza vaccine
- **England:** Reports of a universal influenza vaccine breakthrough at Imperial College in London
- **US:** Researchers in Oregon report progress toward an HIV vaccine based on success preventing simian immunodeficiency virus in rhesus macaques
- **Canada:** British Columbia extends HPV vaccine recommendations to include women up to and including the age of 26
- **Chad:** Published results suggesting high vaccine effectiveness of MenAfriVac in Chad
- **Australia:** Continuing measles cases occurring in Queensland; promotion of vaccination
- **US:** Recently published analyses of 2010 pertussis outbreak in California cites vaccination refusals as playing an important role

Negative Vaccine Sentiment; n=70 alerts including duplicate reports

Some reports may include more than one country or vaccine/disease.



Number of Daily Reports by Sentiment September 2013



High Risk/Negative Sentiment Reports

- **Indian Medics Protest against Deadly Vaccine**

<http://www.aleteia.org/en/health/news/indian-medics-protest-against-deadly-vaccine-3870001>

High and Moderate Risk Activity

High Risk Reports that refer to any the following within six months of the report date: Vaccine refusal, vaccine suspension or withdrawal or report of serious AEFI.

Moderate Risk Reports that refer to any the following within six months of the report date: Additives, all non-severe adverse events following immunization (AEFI), current vaccine-preventable disease (VPD) outbreaks where vaccine issues, uptake or refusal are mentioned, non vaccination, low vaccine supply, religious/philosophical/socio-cultural beliefs, business/political motives, conflict/war, programmatic error, tampering, marginalized populations, contamination, drop-outs, supply, investigations, public demonstrations, and vaccine recalls.

	High Risk	Moderate Risk
Total Reports	135	198
Negative Sentiment	1	45
Neutral Sentiment	7	8
Positive Sentiment	35	151
Country/Vaccine Report Content	India/Pentavalent (1)	Australia/HPV (1) US/HPV (10) Finland/H1N1 (1) US/Influenza (7) India/Polio (1) US/Measles (2) Israel/HPV (2) US/Mumps (1) Israel/Polio (1) Italy/HPV (2) Japan/HPV (1) Sweden/H1N1 (1) UK/H1N1 (2) UK/MMR (1) US/All Vaccines (11) US/H1N1 (1)