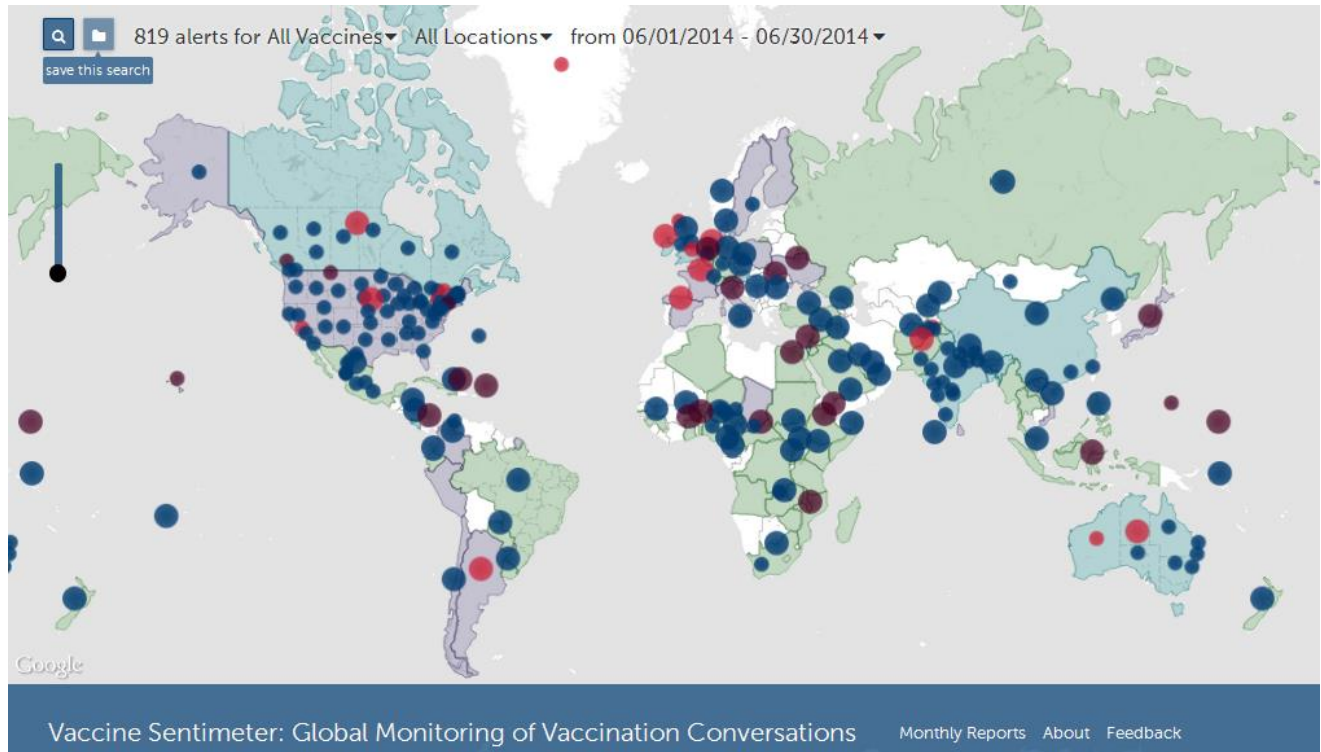


# Vaccine Media Trends Barometer

## June 2014

### Geographic Activity June 1-30, 2014



### Activity Summary

June Reports (Includes duplicate reports)		Number	% of Total	Classified as High or Moderate Risk
Vaccine Sentiment	Negative	116	7%	109
	Neutral	37	2%	26
	Positive	1598	91%	559
Total		1751		694



## Media with Negative Vaccine Sentiment or High Risk Events Reported

- **Murky circumstances: Two children reportedly die from measles vaccine-Pakistan**  
Two children died and four others fell unconscious and were admitted to the hospital in Khyber-Pakhtunkhwa, Pakistan after reportedly receiving measles vaccinations <http://tribune.com.pk/story/718178/murky-circumstances-two-children-reportedly-die-from-measles-vaccine/>
- **Anti-measles campaign turns fatal-Pakistan**  
An opinion piece in the Pakistani Daily Times claiming that despite a report of the death of a child during an anti-measles campaign in KP, the government did not stop the campaign and investigate <http://www.dailytimes.com.pk/opinion/12-Jun-2014/anti-measles-campaign-turns-fatal>
- **Deaths from vaccine: Health minister suspends 17 officials for negligence-Pakistan**  
In Peshawar, 17 officials of the provincial health department were suspended after the committee investigating child fatalities following measles vaccination submitted their report. The KP government concluded a 12-day measles mass vaccination on May 31 during which hundreds of children reportedly fainted after receiving the shot while nearly 10 children died in reported reactions to the vaccine <http://tribune.com.pk/story/721412/deaths-from-vaccine-health-minister-suspends-17-officials-for-negligence/>
- **Measles reaction: Ultimatum given to government to withdraw suspensions-Pakistan**  
In Peshawar, the All Doctors Community (ADC) rejected the suspension of 17 senior and junior officials of the provincial health department and demanded an independent judicial inquiry <http://tribune.com.pk/story/724762/measles-reaction-ultimatum-given-to-govt-to-withdraw-suspensions/>
- **Danger: Untrained vaccination team ahead-Pakistan**  
Editorial claiming governmental negligence in the 12-day measles mass vaccination in KP during which hundreds of children reportedly fainted after receiving the shot while nearly 10 children died in reported reactions to the vaccine <http://tribune.com.pk/story/721631/danger-untrained-vaccination-team-ahead/>
- **Don't knock people who oppose vaccination-United States**  
Letter to the Editor blaming child's autism on vaccination [http://www.nwitimes.com/news/opinion/mailbag/don-t-knock-people-who-oppose-vaccination/article\\_2cebb532-70ed-524a-aaad-2a5625f8dfb7.html](http://www.nwitimes.com/news/opinion/mailbag/don-t-knock-people-who-oppose-vaccination/article_2cebb532-70ed-524a-aaad-2a5625f8dfb7.html)
- **Dr. Kelly Brogan, M.D. and Sayer Ji - HPV Vaccine Maker's Study proves natural HPV infection beneficial, not deadly-United States**  
An article questioning the effectiveness and safety of HPV vaccine <http://prn.fm/dr-kelly-brogan-m-d-and-sayer-ji-hpv-vaccine-makers-study-proves-natural-hpv-infection-beneficial-not-deadly/>
- **This Mama Isn't Scared of the Shmeasle Measles-United States**  
A parent speaking out against MMR vaccine and risk of adverse events associated with it and downplaying seriousness of measles infection <http://www.livingwhole.org/this-mama-isnt-scared-of-the-shmeasle-measles/>



- **Mumps Vaccine Proves Ineffective-United States**  
 Article questioning the effectiveness of MMR vaccine  
<http://www.anh-usa.org/mumps-vaccine-proves-ineffective/>
- **Changes Needed for US Vaccine Policy to Protect Human and Civil Rights**  
 Opinion piece written by anti-vaccine activist Barbara Loe Fisher claiming that US vaccine policies infringe on civil rights of parents and children  
<http://www.theepochtimes.com/n3/737131-changes-needed-for-us-vaccine-policy-to-protect-human-and-civil-rights/>
- **California Measles: 85% of Those Contracting It Are Fully Vaccinated-United States**  
 Anti-vaccination editorial questioning efficacy of MMR vaccine and suggesting conspiracy theories around its effectiveness <http://www.activistpost.com/2014/06/california-measles-85-of-those.html#!brCPra>
- **Priest died after suffering 'very rare adverse reaction' to yellow fever vaccine, an inquest heard-Ireland**  
 Reports about a fatal adverse reaction to yellow fever vaccine in Ireland  
<http://www.independent.ie/irish-news/news/priest-died-after-suffering-very-rare-adverse-reaction-to-yellow-fever-vaccine-an-inquest-heard-30361617.html>
- **Flu vaccine linked to seizures, convulsions and severe disabilities still being and severe disabilities still being given to children FOUR years after it was banned-United Kingdom**  
 UK report that doctors are still administering a flu vaccination that was banned in 2010 from being used on children under five after it caused a five-year-old girl to become severely disabled  
<http://www.dailymail.co.uk/news/article-2660277/Four-years-vaccine-banned-use-young-children-given.html>
- **Confusing circumstances: Two siblings die of measles-Pakistan**  
 In Charsadda a father of two children reported that they had been recently vaccinated and died of measles soon after vaccination, claiming the vaccine worsened their condition  
<http://tribune.com.pk/story/723342/confusing-circumstances-two-siblings-die-of-measles/>
- **A new study finds the CDC may have covered up the clear and present danger associated with mercury in vaccine-United States**  
 Report of a cover up by the CDC around mercury in vaccines and adverse effects associated with it  
<http://www.greenmedinfo.com/blog/study-finds-evidence-cdc-cover-link-between-autism-and-mercury-vaccines>
- **Poliovirus Has Traveled to Brazil for the World Cup**  
 Wild poliovirus (WPV-1) was found in sewage in Brazil for the first time since 1989  
<http://www.natureworldnews.com/articles/7739/20140624/poliovirus-traveled-brazil-wold-cup-who-report.htm>



- **Polio spread feared as nearly 500000 Pakistanis uprooted-Afghanistan**  
 UN agencies report that about 50,000 Pakistanis have crossed into eastern Afghanistan to escape air strikes over the past 10 days and 435,000 have fled within their homeland, which could fuel the spread of polio as many are not vaccinated  
<http://in.reuters.com/article/2014/06/24/uk-pakistan-airstrikes-polio-idINKBN0EZ1S120140624>
- **Rise in US measles cases due to vaccination opt outs**  
 The recent surge in measles cases in the U.S. is largely due to those who are unvaccinated  
[http://vaccinenewsdaily.com/medical\\_countermeasures/330905-rise-in-u-s-measles-cases-due-to-vaccination-opt-outs/](http://vaccinenewsdaily.com/medical_countermeasures/330905-rise-in-u-s-measles-cases-due-to-vaccination-opt-outs/)
- **KZN hospital without polio vaccine-South Africa**  
 In Durban, South Africa KwaZulu-Natal hospital has been without the polio vaccine since the middle of April and all babies born since then did not receive oral polio vaccine before leaving the hospital  
<http://www.news24.com/SouthAfrica/News/KZN-hospital-without-polio-vaccine-20140603>
- **Mom Kidnaps Daughter to Avoid Vaccine 'Brainwashing-United States**  
 A Florida mother reportedly kidnaps her daughter from her father to avoid her being vaccinated  
<http://www.mediaite.com/online/mom-kidnaps-daughter-to-avoid-vaccine-brainwashing-black-history-lessons/>
- **California's deadly whooping cough epidemic blamed on anti-vaccine campaign-United States**  
 An outbreak of pertussis in California is blamed on an anti-vaccine campaign  
<http://rt.com/usa/166636-california-pertussis-epidemic/>
- **US FDA warns GSK over problems at Quebec flu vaccine manufacturing plant-Canada**  
 The US FDA has issued a warning to the GlaxoSmithKline regarding a number of concerns, many related to sterility issues and microbial contamination problems at the GSK manufacturing facility in Ste-Foy, Quebec  
<http://www2.canada.com/windsorstar/news/story.html?id=de262011-4ef6-4d75-9053-8d3aa7490358>
- **Lack of coordination hampering vaccination of NWA children-Pakistan**  
 A report that lack of sufficient staff and proper coordination between the Khyber Pakhtunkhwa health department and administrations of southern districts are hampering immunization of displaced children arriving from North Waziristan Agency  
<http://www.dawn.com/news/1114588>
- **Saba Button parents gets payout following flu vaccine debacle-Australia**  
 Parents of a Western Australian girl were awarded millions in damages following a disabling adverse reaction following a flu vaccination in April, 2010  
<http://www.perthnow.com.au/news/western-australia/parents-of-saba-button-who-was-victim-of-flu-vaccine-debacle-receive-payout-from-wa-government/story-fnhocxo3-1226945651845?nk=0972132509420c607ad57656f9ed65e6>



## VPD Outbreaks

### Measles

- United States: Washington, Kansas, Ohio, Texas (1 case), Rhode Island (1 case)
- Somalia
- New Zealand
- Queensland, Australia

### Pertussis

- California, United States
- United Kingdom

### Polio

- Pakistan-FATA
- Kano State, Nigeria-new case

## Policy

- A federal panel in the United States says nasal spray flu vaccine should be first choice for kids ages 2 to 8
- Novartis submits application to the US FDA for Bexsero Vaccine (*N. meningitidis* serogroup B vaccine) approval
- Gardasil is approved in Europe for the prevention of anal cancer
- Ohio gives hospitals guidance to limit spread of measles amid largest US outbreak since 1994
- Pakistan institutes policy per the WHO that all outbound travelers are required to provide polio vaccination papers
- A federal judge has upheld a New York City policy that bars unvaccinated students from public school

## Delivery/Access

- In the US, Ohio pharmacists are now allowed to administer MMR vaccine
- Amid increasing cases, health officials rush to immunize kids against polio in numerous regions of Pakistan
- In Pakistan, Minister of State for National Health Services, Saira Afzal Tarar urges support and guidance of Ulema for polio eradication campaign
- In the US, members of the Amish community in Ohio rethink vaccines amid measles outbreak and agree to vaccination
- A mass vaccination campaign against Japanese encephalitis is launched in Bihar
- A UAE assistance program vaccinates 2.5 million Pakistani children against polio



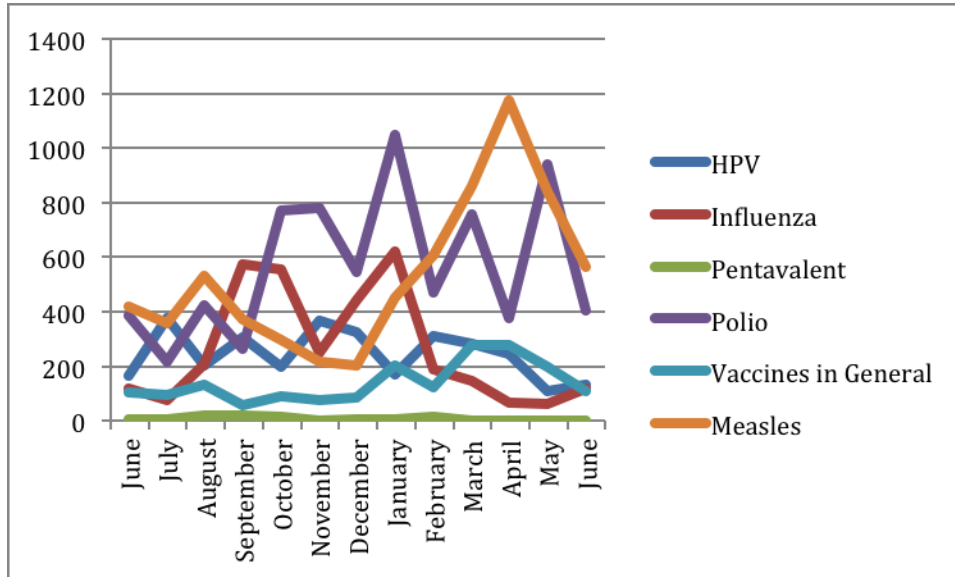
## Research

- New research published in The Canadian Medical Journal indicates that the combined MMRV vaccine shows a slightly increased risk of febrile seizures in children, compared with the previously separate vaccines for MMR and varicella
- A vaccine targeting a mutation found in gliomas, can induce an immune response and prevent tumor progression in mice, according to a German study published in *Nature*.
- US researchers in Georgia found that manipulating a protein expressed by most liver cancer cells allowed them to make a vaccine that is exceedingly effective at preventing the disease in mice.
- An Indian biotechnology non-profit, says it has developed an affordable and rugged cholera vaccine which requires no vaccination
- Sanofi Pasteur, announced the success of a clinical trial in Asia to test the effectiveness of a dengue vaccine

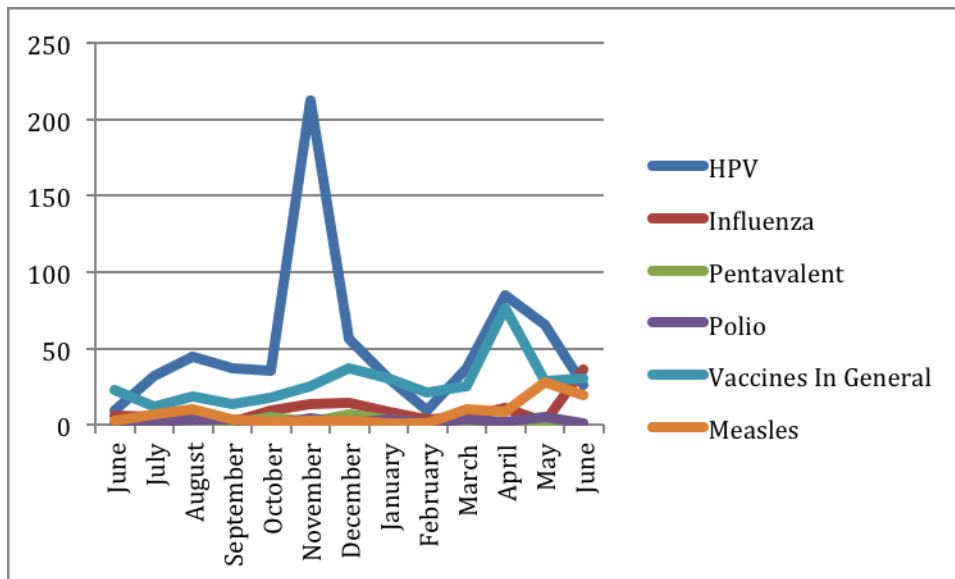


## Number of Reports that Mention Vaccines by Month and Sentiment

### Positive Sentiment June 2013-June 2014



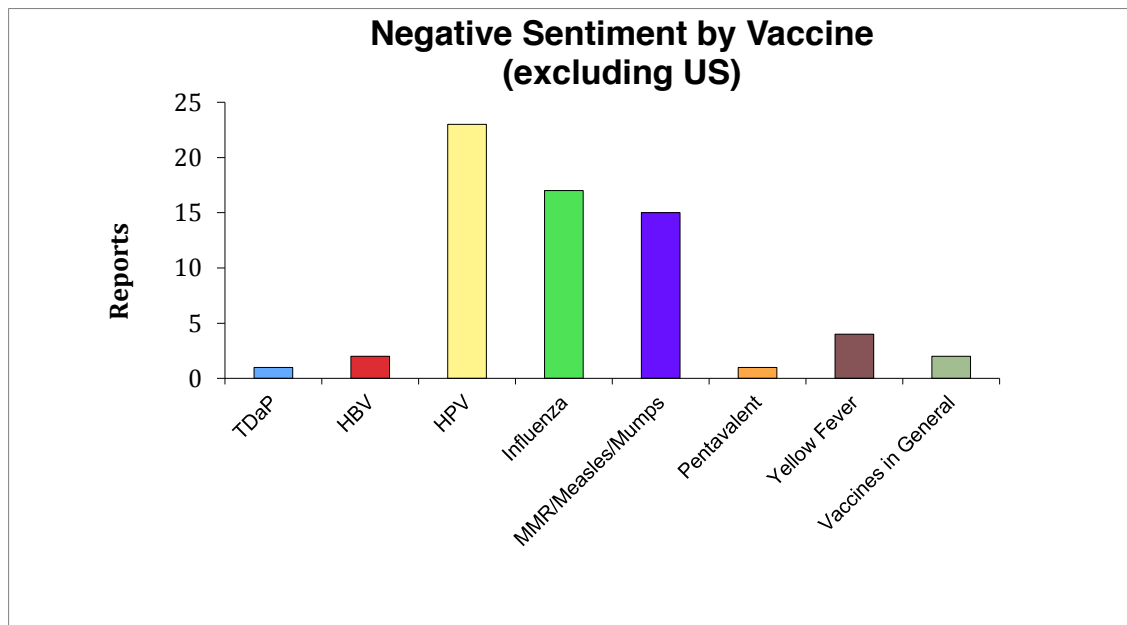
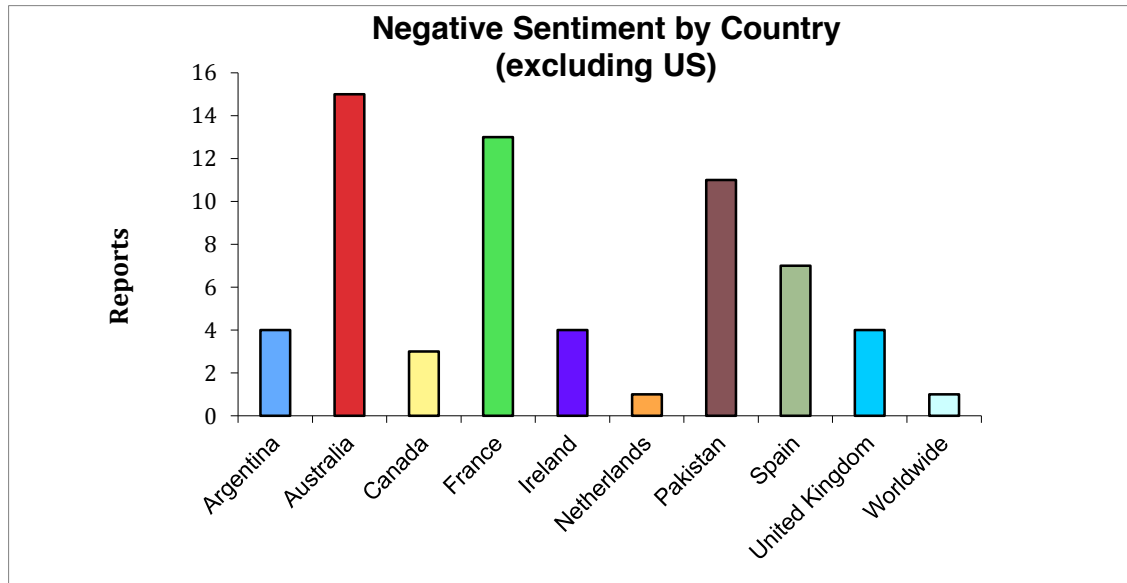
### Negative Sentiment June 2013-June 2014



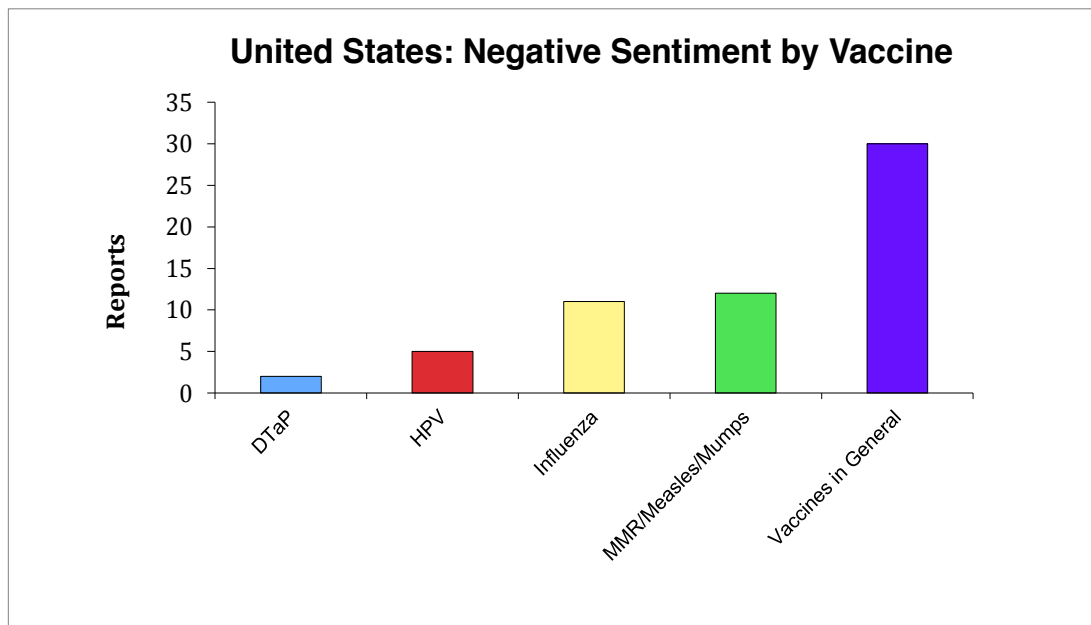
## June Negative Vaccine Sentiment\* (n= 116 alerts including duplicate reports; 7% of all reports)

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 June, reports by vaccine for the US are detailed separately.







## Special Focus

In June, approximately 13% of all negative sentiment reports were about a well-publicized recent settlement between vaccine maker CSL and the parents of an 11-month old Western Australian girl who suffered a febrile seizure and hypoxic brain injury following vaccination with Fluvax in 2010. The vaccine was eventually recalled and is no longer approved for children under five. Also in June, nearly 22% of all the negative sentiment reports revolved around HPV vaccine and the risk of adverse events. These reports were mostly in countries other than the US. This level of negative sentiment around HPV vaccine appears to be on a downward trend and was the lowest it has been in the last three months.

Although representing only 10% of all negative reports this month, the negative sentiment reports about issues in Pakistan, and in particular Khyber- Pakhtunkhwa (K-P) remain especially concerning due to their persistence over the last two months. In particular, adverse events following measles vaccination including mass fainting episodes as well as suspected deaths following vaccination and claims of negligence, continued to be reported or re-reported during June. These reports continued to appear from multiple different regions of K-P. In Peshawar, 17 officials of the provincial health department were suspended after a committee investigating child fatalities following measles vaccination submitted a report. Soon after, the All Doctors Community (ADC) rejected the suspension of 17 senior and junior officials of the provincial health department and demanded an independent judicial inquiry, concerned the committee was responding to public pressure. There appears to be a lack of trust between at least some doctors and government health officials.

In addition to the reports associated with measles vaccine, there were also multiple reports this month about issues surrounding the vaccination of internally displaced people (IDPs) from North Waziristan, to other areas of Pakistan and Afghanistan. At least one report claimed that lack of sufficient staff and proper coordination between the K-P health department and administrations of southern districts was hampering immunization of arriving IDPs from North Waziristan Agency. UN agencies reported that about 50,000 Pakistanis have crossed into eastern Afghanistan to escape air strikes and 435,000 have fled within their homeland, in the month of June which could fuel the spread of polio as many remain unvaccinated.

