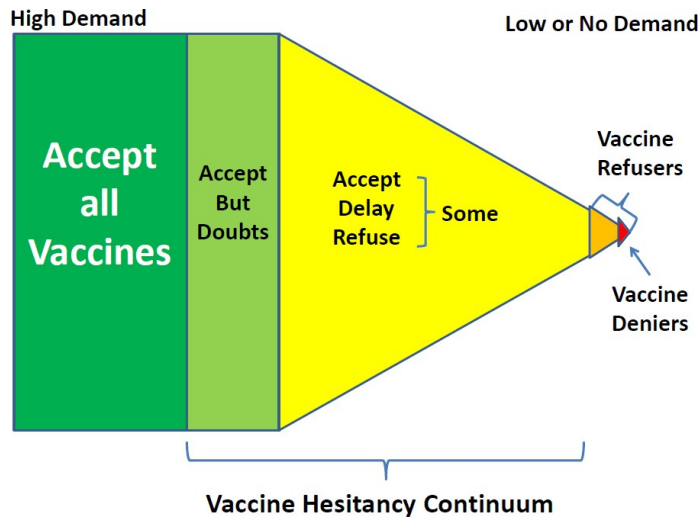


Definition of Vaccine Hesitancy



Vaccine Hesitancy

- refers to delay in acceptance or refusal of vaccines *despite availability of vaccine services*
- *complex and context specific varying across time, place and vaccines*

Vaccine attitudes can be seen on a continuum, ranging from total acceptance to complete refusal. Vaccine-hesitant individuals are a heterogeneous group in the middle of this continuum. Vaccine hesitant individuals may refuse some vaccines, but agree to others; delay vaccines or accept vaccines but are unsure in doing so.

4

[SAGE Working Group on Vaccine Hesitancy Final Report](#)

www.who.int/immunization/sage/meetings/2014/october/SAGE_working_group_revised_report_vaccine_hesitancy

[hesitancy](#)

MacDonald NE and SAGE Working Group on Vaccine Safety. *Vaccine* 2015; 33(34):4161-4h

A.H.T. Wichramasinghe

11th International Congress of Tropical Pediatrics, 4th-7th August, Yogyakarta, Indonesia



If Vaccination is so invaluable, why do people hesitate?

Vaccination is always given to an otherwise healthy child

Vaccination does not provide 100% protection

Most of these diseases are not in the community

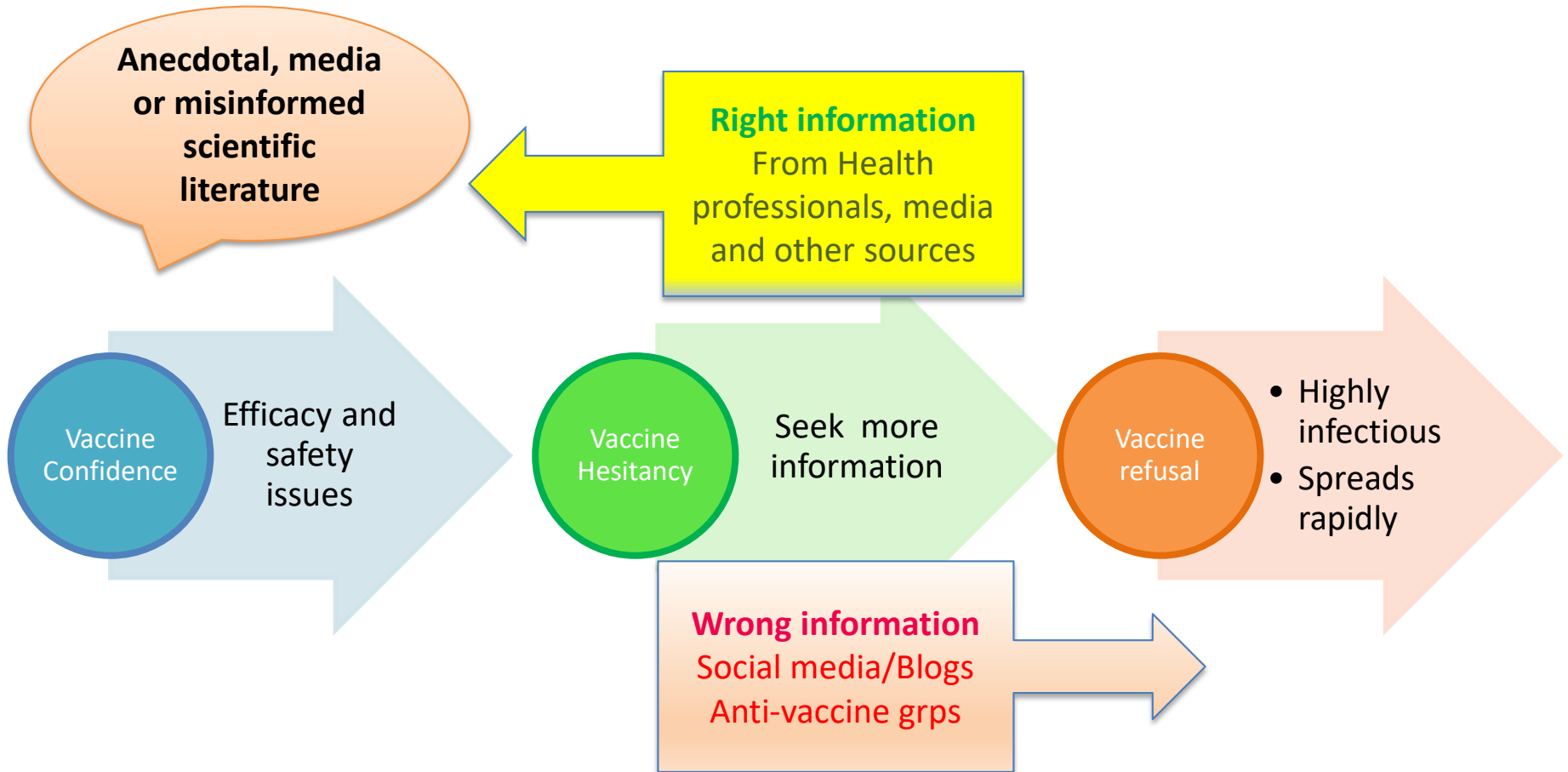
Child may not get the disease even if he is not vaccinated

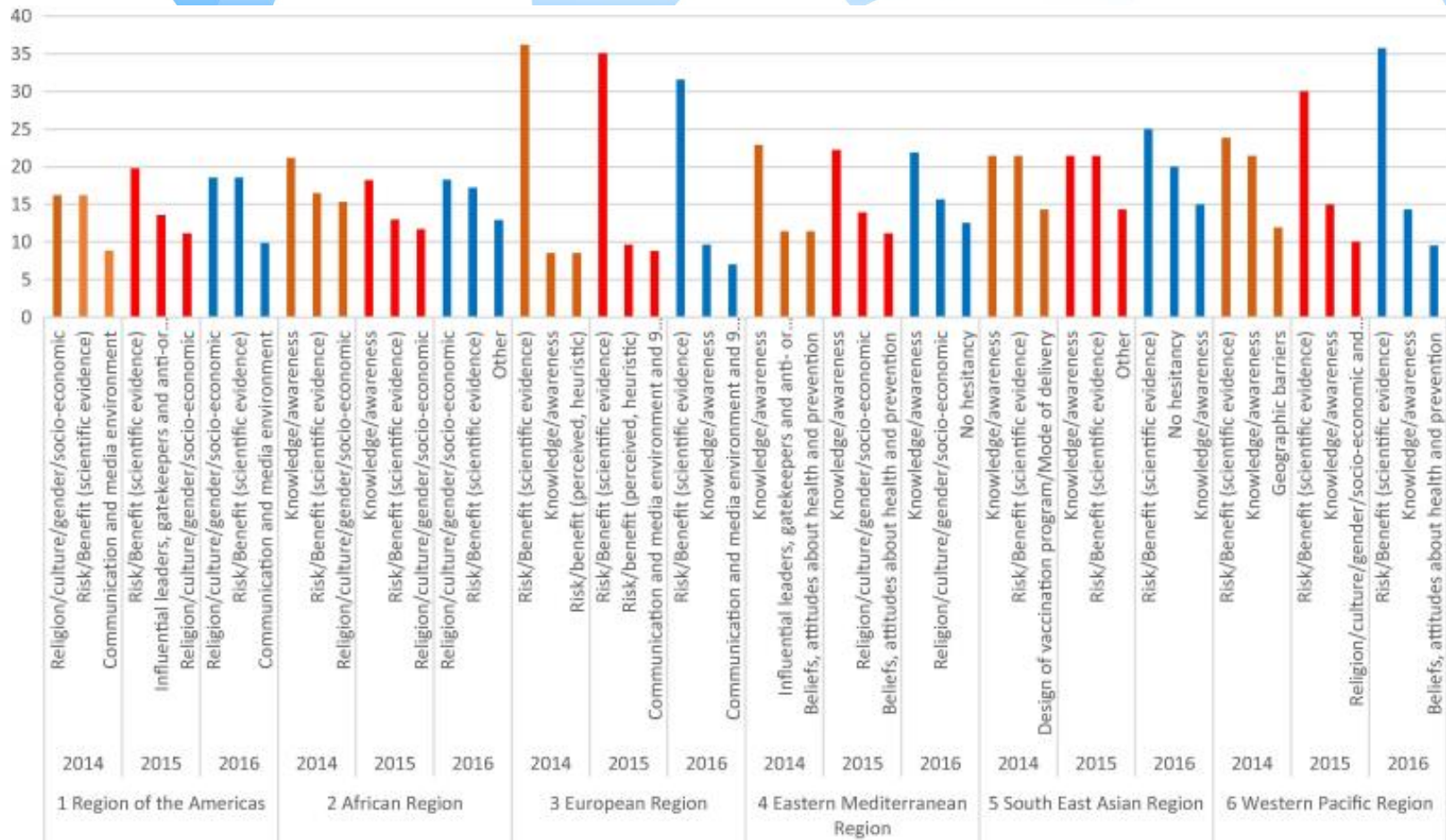
Adverse event how trivial it is parents takes it very serious as it is given to a healthy child

Ubiquity of vaccination, often makes it an easy target for blame



Vaccine Hesitancy is a communicable disease...





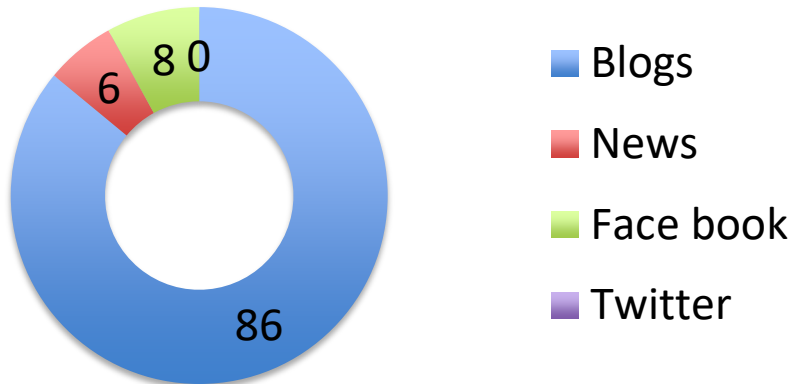
[Vaccine hesitancy around the globe: Analysis of three years of WHO/UNICEF Joint Reporting Form data-2015-2017.](#)

Lane S, MacDonald NE, Marti M, Dumolard L.

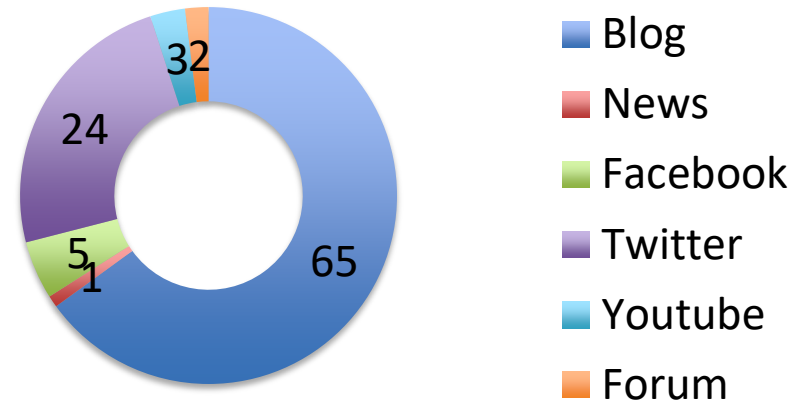
Vaccine. 2018 Jun 18;36(26):3861-3867. doi: 10.1016/j.vaccine.2018.03.063. Epub 2018 Mar 28.



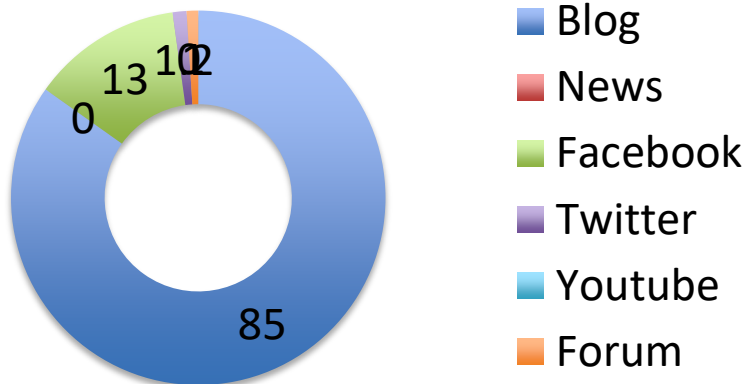
Rumanian Networks



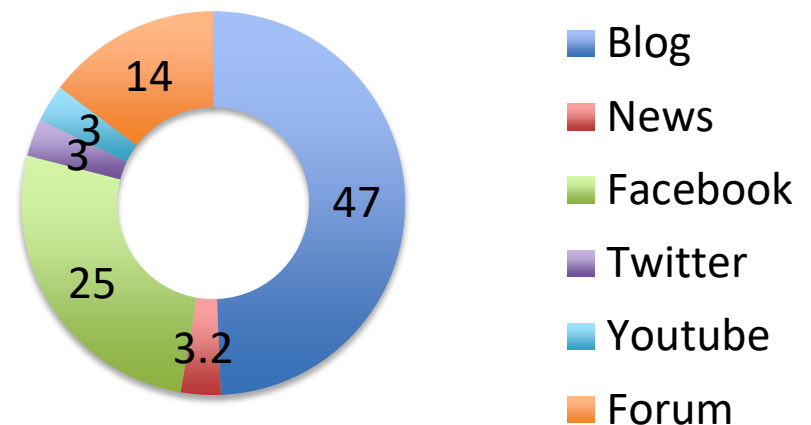
Russian Networks



Polish Networks



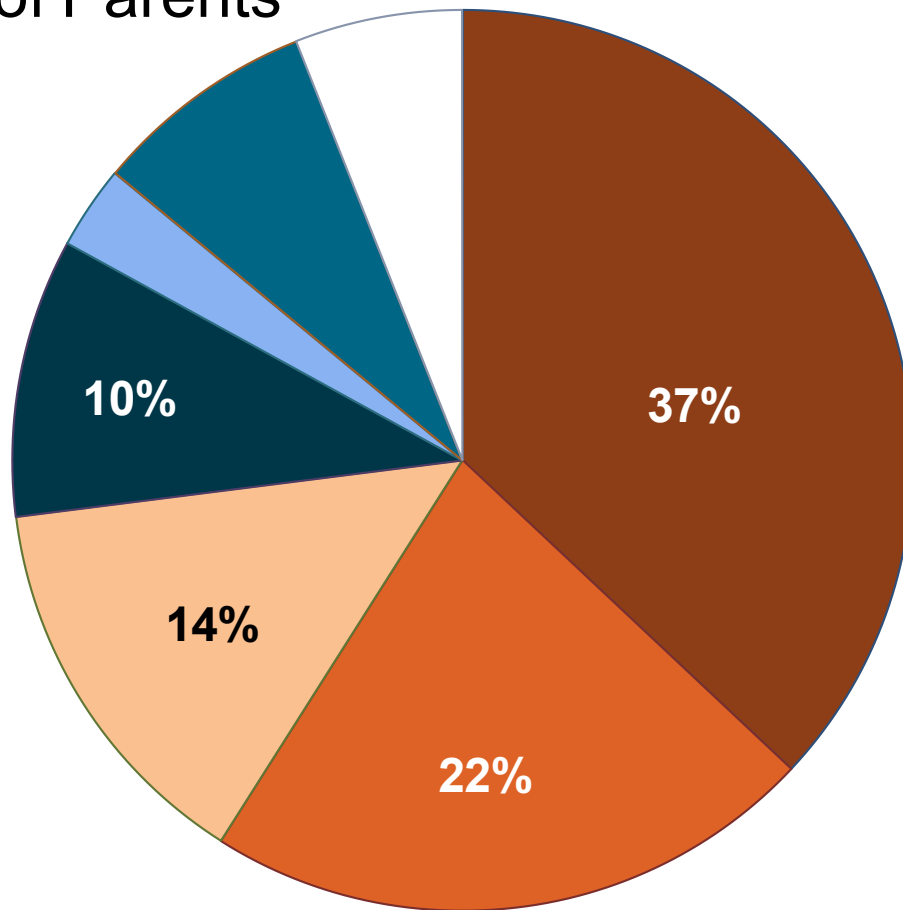
English Networks



Distribution by channel for various networks

Why Parents Change Their Minds

% of Parents

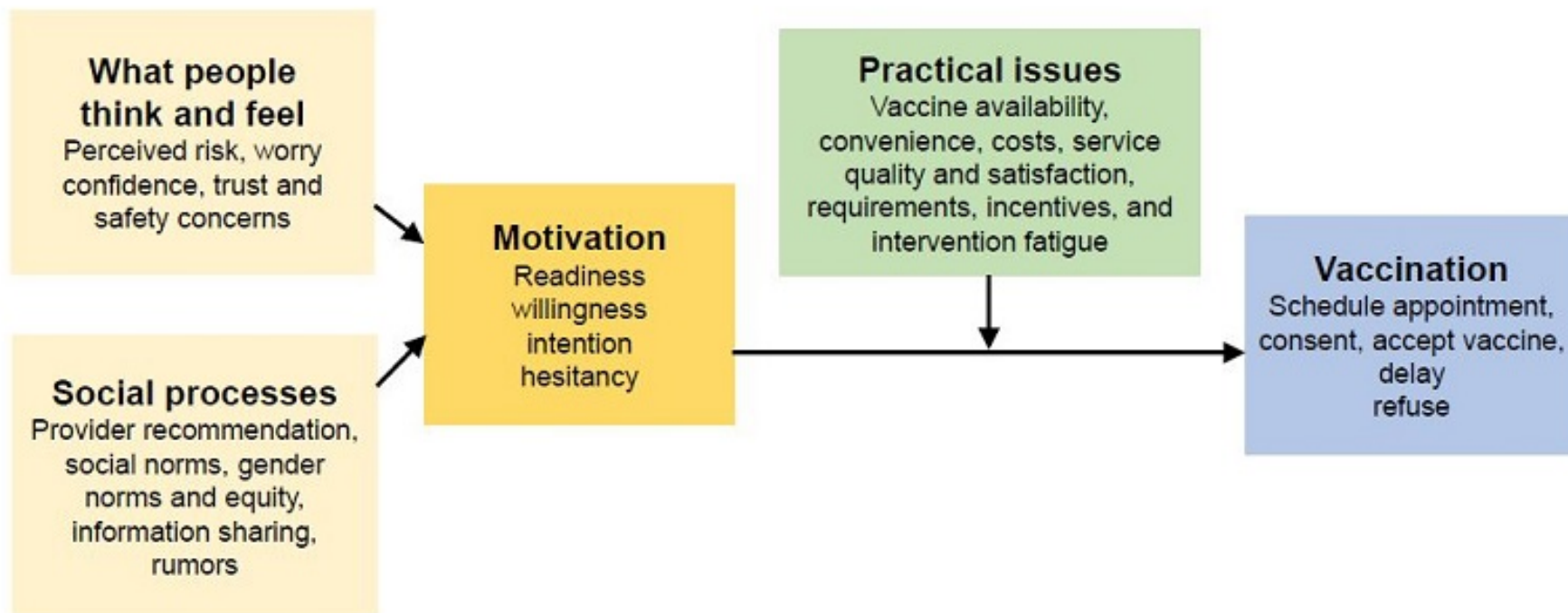


- Information or assurances from child's doctor
- Just thought more about it
- Info from some other source
- Doctor refused to treat/daycare wouldn't admit
- Discussion with spouse/relative
- Other
- Don't know



Adapted from D Opel, 2011; Gustet al, *Pediatrics*, 2008

Increasing Vaccination Model



Source: The BeSD expert working group. Based on: Brewer NT, Chapman GB, Rothman AJ, Leask J, and Kempe A (2017). Increasing vaccination: Putting psychological science into action. *Psychological Science for the Public Interest*. 18(3): 149-207

