The State of Vaccine Confidence 2016: Global Insights Through a 67-Country Survey

Overview of attention for article published in EBioMedicine, October 2016

| SUMMARY | News | Blogs | Policy documents | Twitter | Facebook | Wikipedia | Google+ | Video |

| Dimensions citations |

1452

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In the top 5% of all research outputs scored by Altmetric

One of the highest-scoring outputs from this source (#3 of 2,025)

High Attention Score compared to outputs of the same age (99th percentile)

High Attention Score compared to outputs of the same age and source (99th percentile)

Mentioned by

128 news outlets
16 blogs
3 policy sources
431 tweeters
8 Facebook pages
1 Wikipedia page
1 Google+ user
1 video uploader

Citations

219 Dimensions

Readers on

432 Mendeley

What is this page?

Title	The State of Vaccine Confidence 2016: Global Insights Through a 67-Country Survey
Published in	EBioMedicine, October 2016
DOI	10.1016/j.ebiom.2016.08.042
Pubmed ID	27658738
Authors	Heidi J. Larson, Alexandre de Figueiredo, Zhao Xiahong, William S. Schulz, Pierre Verger, Iain G. Johnston, Alex R. Cook, Nick S. Jones

Abstract   Public trust in immunization is an increasingly important global health issue. Losses in confidence in vaccines and immunization programmes can lead to vaccine reluctance and refusal, risking disease outbreaks and challenging immunization goals in high- and low-income settings. National and international immunization stakeholders have called for better monitoring of vaccine confidence to identify emerging concerns before they evolve into vaccine confidence crises. We perform a large-scale, data-driven study on worldwide attitudes to immunizations. This survey - which we believe represents the largest survey on confidence in immunization to date - examines perceptions of vaccine importance, safety, effectiveness, and religious compatibility among 65,819 individuals across 67 countries. Hierarchical models are employed to probe relationships between individual- and country-level socio-economic factors and vaccine attitudes obtained through the four-question, Likert-scale survey. Overall sentiment towards vaccinations is positive across all 67 countries, however there is wide variability between countries and across world regions. Vaccine-safety related sentiment is particularly negative in the European region, which has seven of the ten least confident countries, with 41% of respondents in France and 36% of respondents in Bosnia & Herzegovina reporting that they disagree that vaccines are safe (compared to a global average of 13%). The oldest age group (65+) and Roman Catholics (amongst all faiths surveyed) are associated with positive views on vaccine sentiment, while the Western Pacific region reported the highest level of religious incompatibility with vaccines. Countries with high levels of schooling and good access to health services are associated with lower rates of positive sentiment, pointing to an emerging inverse relationship between vaccine sentiments and socio-economic status. Regular monitoring of vaccine attitudes - coupled with monitoring of local immunization rates - at the national and sub-national levels can identify populations with declining confidence and acceptance. These populations should be prioritized to further investigate the drivers of negative sentiment and to inform appropriate interventions to prevent adverse public health outcomes.

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Geographical breakdown

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United States	84	19%
United Kingdom	22	5%
Spain	18	4%
France	16	4%
Canada	9	2%
Italy	8	2%
Australia	7	2%
Sweden	5	1%
India	5	1%
Other	41	10%
Unknown	216	50%

Demographic breakdown

Type	Count	As %
Members of the public	366	85%
Scientists	29	7%
Practitioners (doctors, other healthcare professionals)	24	6%
Science communicators (journalists, bloggers, editors)	9	2%
Unknown	3	<1%

Mendeley readers

The data shown below were compiled from readership statistics for **432** Mendeley readers of this research output. Click here to see the associated Mendeley record.

Geographical breakdown

Country	Count	As %
Netherlands	1	<1%
Portugal	1	<1%
Denmark	1	<1%
France	1	<1%
Unknown	428	99%

Demographic breakdown

Readers by professional status	Count	As %
Student > Master	100	23%
Student > Ph. D. Student	65	15%
Student > Bachelor	63	15%
Researcher	49	11%
Student > Postgraduate	26	6%
Other	63	15%
Unknown	66	15%

Readers by discipline	Count	As %
Medicine and Dentistry	100	23%
Social Sciences	54	13%
Nursing and Health Professions	44	10%
Psychology	23	5%
Immunology and Microbiology	16	4%
Other	94	22%
Unknown	101	23%

Attention Score in Context

This research output has an **Altmetric Attention Score** of **1452**. This is our high-level measure of the quality and quantity of online attention that it has received. This Attention Score, as well as the ranking and number of research outputs shown below, was calculated when the research output was last mentioned on **18 March 2020**.

ALL RESEARCH OUTPUTS	OUTPUTS FROM EBIOMEDICINE	OUTPUTS OF SIMILAR AGE	OUTPUTS OF SIMILAR AGE FROM EBIOMEDICINE
#2,257	#3	#70	#1
of 14,593,798 outputs	of 2,025 outputs	of 263,408 outputs	of 109 outputs

Altmetric has tracked 14,593,798 research outputs across all sources so far. Compared to these this one has done particularly well and is in the 99th percentile: it's **in the top 5% of all research outputs ever tracked** by Altmetric.

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Older research outputs will score higher simply because they've had more time to accumulate mentions. To account for age we can compare this Altmetric Attention Score to the 263,408 tracked outputs that were published within six weeks on either side of this one in any source. This one has done particularly well, scoring **higher than 99% of its contemporaries**.

We're also able to compare this research output to 109 others from the same source and published within six weeks on either side of this one. This one has done particularly well, scoring **higher than 99% of its contemporaries**.

Mapping global trends in vaccine confidence and investigating barriers to vaccine uptake: a large-scale retrospective temporal modelling study

Overview of attention for article published in The Lancet, September 2020

2990

About this Attention Score

In the top 5% of all research outputs scored by Altmetric

MORE...

Mentioned by

- **231** news outlets
- **13** blogs
- **3** policy sources
- **1607** tweeters
- **3** Wikipedia pages
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Citations

- **44** Dimensions

Readers on

- **245** Mendeley

What is this page?

| SUMMARY | News | Blogs | Policy documents | Twitter | Wikipedia | Reddit | Video | Dimensions citations |

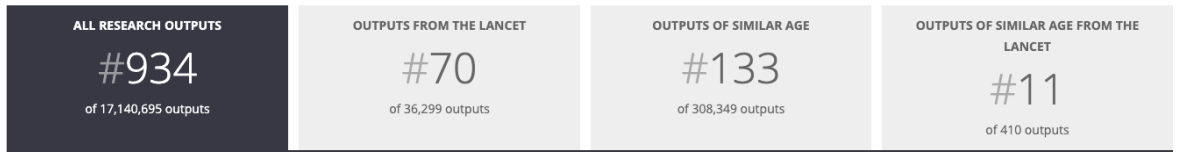|	
Title	Mapping global trends in vaccine confidence and investigating barriers to vaccine uptake: a large-scale retrospective temporal modelling study
Published in	The Lancet, September 2020
DOI	10.1016/s0140-6736(20)31558-0
Pubmed ID	32919524
Authors	Alexandre de Figueiredo, Clarissa Simas, Emilie Karafillakis, Pauline Paterson, Heidi J Larson

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| TWITTER DEMOGRAPHICS | MENDELEY READERS | **ATTENTION SCORE IN CONTEXT** |

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ALL RESEARCH OUTPUTS	OUTPUTS FROM THE LANCET	OUTPUTS OF SIMILAR AGE	OUTPUTS OF SIMILAR AGE FROM THE LANCET
#934	**#70**	**#133**	**#11**
of 17,140,695 outputs	of 36,299 outputs	of 308,349 outputs	of 410 outputs

Altmetric has tracked 17,140,695 research outputs across all sources so far. Compared to these this one has done particularly well and is in the 99th percentile: it's **in the top 5% of all research outputs ever tracked** by Altmetric.
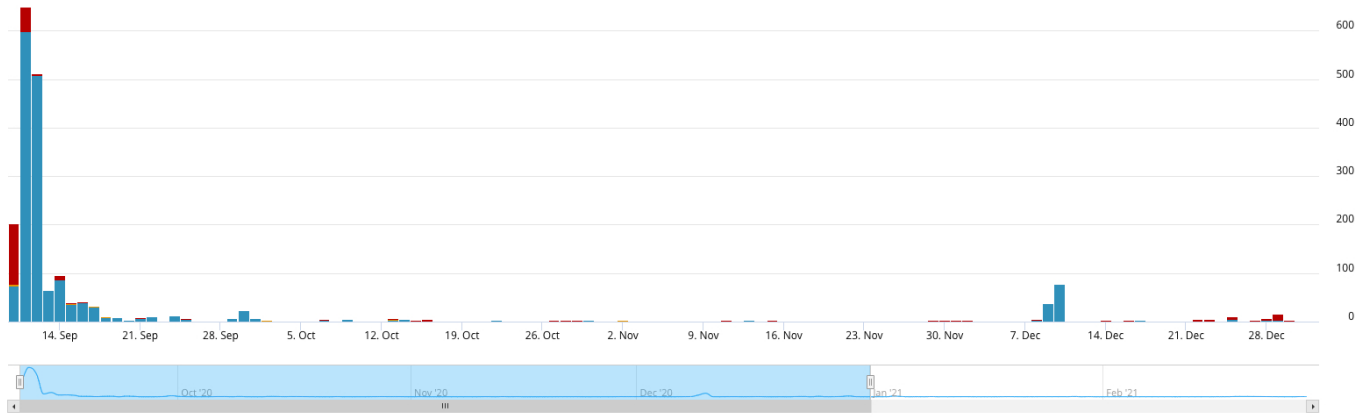
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Showing mentions over time for the **1 research output** in your search query.

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Explorer overview statistics and organizational data were last updated **about 17 hours ago**. The next update will run in **about 7 hours**. Dimensions citation counts are accurate as of **1 day ago**.
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