

# Accepted Manuscript

## Why Policymakers Should Care About “Big Data” in Healthcare

David W. Bates MD, MSc ,  
Axel Heitmueller PhD Managing Director ,  
Meetal Kakad MD, MPH Director of eHealth , Suchi Saria PhD

PII: S2211-8837(18)30099-6  
DOI: [10.1016/j.hlpt.2018.04.006](https://doi.org/10.1016/j.hlpt.2018.04.006)  
Reference: HLPT 287



To appear in: *Health Policy and Technology*

Received date: 5 January 2018  
Revised date: 21 March 2018  
Accepted date: 15 April 2018

Please cite this article as: David W. Bates MD, MSc , Axel Heitmueller PhD Managing Director , Meetal Kakad MD, MPH Director of eHealth , Suchi Saria PhD , Why Policymakers Should Care About “Big Data” in Healthcare , *Health Policy and Technology* (2018), doi: [10.1016/j.hlpt.2018.04.006](https://doi.org/10.1016/j.hlpt.2018.04.006)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Highlights

- This paper puts forward the reasons that policymakers should invest in big data to improve the health of their populations.
- “Smart cities” are beginning to invest in this area to improve health.
- Model approaches for making large quantities of data available to researchers and clinicians among other stakeholders are described.
- We also present the current state of big data approaches to improve clinical care including specific examples.
- We discuss policy issues around and examples of successful regulatory approaches, including deidentification and privacy protection.

Download English Version:

<https://daneshyari.com/en/article/8733124>

Download Persian Version:

<https://daneshyari.com/article/8733124>

[Daneshyari.com](https://daneshyari.com)