

Accepted Manuscript

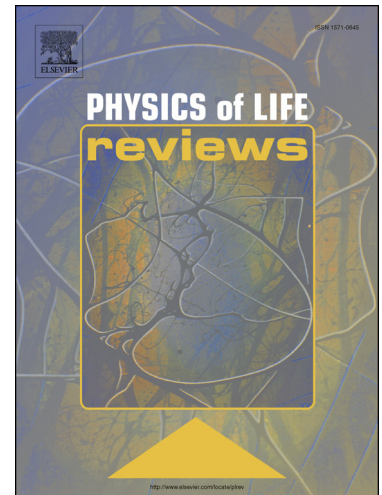
Mathematical models to characterize early epidemic growth: A Review

Gerardo Chowell, Lisa Sattenspiel, Shweta Bansal, Cécile Viboud

PII: S1571-0645(16)30064-1
DOI: <http://dx.doi.org/10.1016/j.plrev.2016.07.005>
Reference: PLREV 767

To appear in: *Physics of Life Reviews*

Received date: 28 March 2016
Revised date: 1 July 2016
Accepted date: 2 July 2016



Please cite this article in press as: Chowell G, et al. Mathematical models to characterize early epidemic growth: A Review. *Phys Life Rev* (2016), <http://dx.doi.org/10.1016/j.plrev.2016.07.005>

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

- We review recent progress on characterizing early epidemic growth patterns
- We survey mathematical approaches for modeling early epidemic growth
- The standard SIR model can incorporate flexible early epidemic growth profiles

Download English Version:

<https://daneshyari.com/en/article/8207158>

Download Persian Version:

<https://daneshyari.com/article/8207158>

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