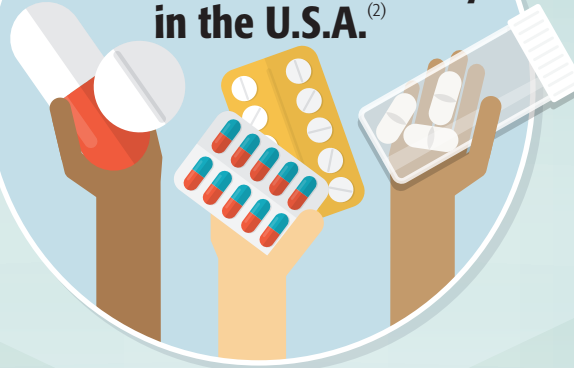


# Antibiotic Resistance Awareness

## Antibiotic Consumption

**235 Million**

doses consumed annually  
in the U.S.A.<sup>(2)</sup>



Rx

**Overprescription**  
of Antibiotics for  
Respiratory Symptoms



### Global Consumption of Antibiotics

in human medicine has risen  
between 2000 and 2010.<sup>(1)</sup> **36%**

Out of **40 Million** people

who are given antibiotics for respiratory issues, annually in the U.S.:

**Over 27 Million People**  
get antibiotics unnecessarily<sup>(2)</sup>

Up to **1/2** of all antibiotics  
prescribed in human medicine are not  
needed or not prescribed appropriately.<sup>(3)</sup>

**Only 13 Million People**  
who need antibiotics actually get them<sup>(2)</sup>

In developed countries,  
between **10 & 20 courses of**  
**antibiotics** are prescribed to  
children before they are **18**  
**years old!**<sup>(4)</sup>



(1) CDDEP website: [http://cddep.org/publications/state\\_worlds\\_antibiotics\\_2015](http://cddep.org/publications/state_worlds_antibiotics_2015)

(2) Review on Antimicrobial Resistance, Rapid diagnostics: Stopping Unnecessary Use Of Antibiotics. 2015

(3) Antibiotic Resistance Threats in the United States, 2013. Centers for Disease Control and Prevention (CDC)

(4) Blaser M. Antibiotic overuse: Stop the killing of beneficial bacteria. Nature 2011;476:393-394