



The Numbers

Jvion's clinical-AI CORE™ can accurately identify individuals NOT at high risk today for medication non-adherence but on a rapid trajectory to become so, enabling PBMs to act fast.



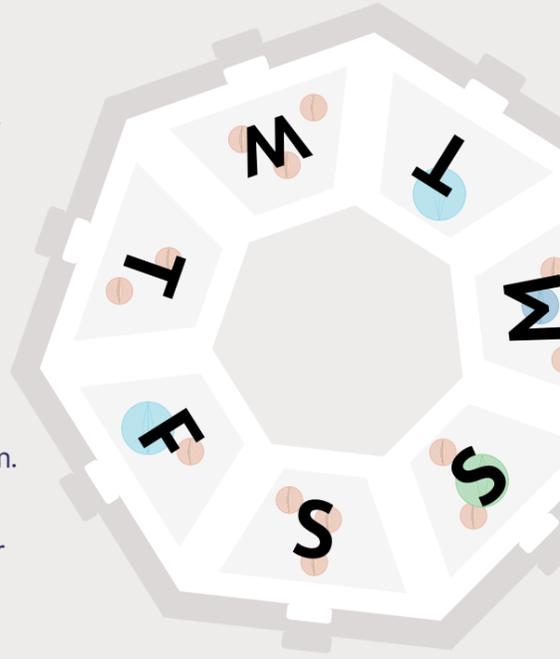
Medical expenditures resulting from medication non-adherence is approximately **\$300 billion**, which represents more than 30% of the total waste (excluding fraud and abuse) in the healthcare system.



Failure to take prescribed medications costs over **\$100 billion a year in excess** hospitalizations.



It is estimated that nearly **one-third of patients never fill their prescriptions**, and three out of four Americans do not take their medications as directed.¹



1. Source: [https://www.triple-tree.com/strategic-insights/2015/april/medication-non-adherence-a-\\$290-billion-unnecessa/](https://www.triple-tree.com/strategic-insights/2015/april/medication-non-adherence-a-$290-billion-unnecessa/)



On average, Jvion finds about 20% of its clients' populations to be highly at risk for non-adherence. Jvion's clinical-AI considers more than 4000 clinical and socioeconomic risk factors for each patient to surface the driving factors and what can be done to change the outcome.



According to the **World Health Organization**, medication adherence can have a more direct impact on patient outcomes than the specific treatment itself.

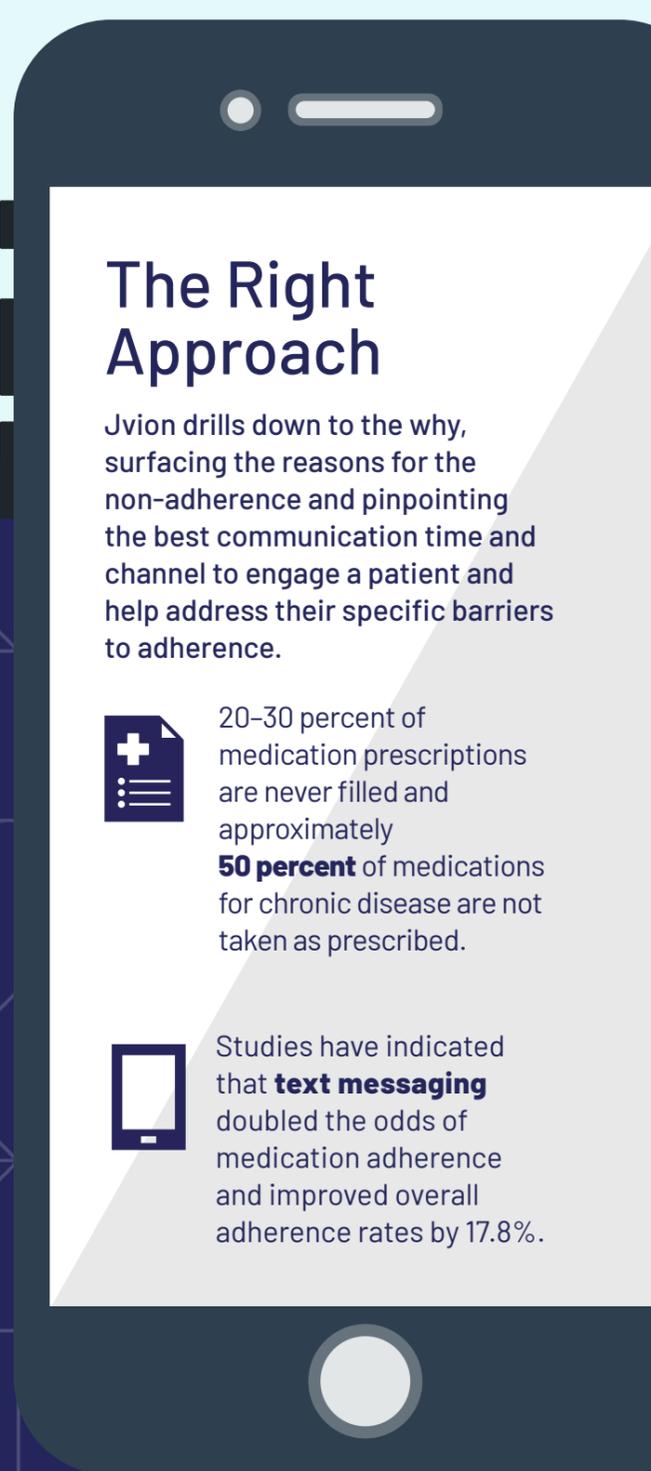
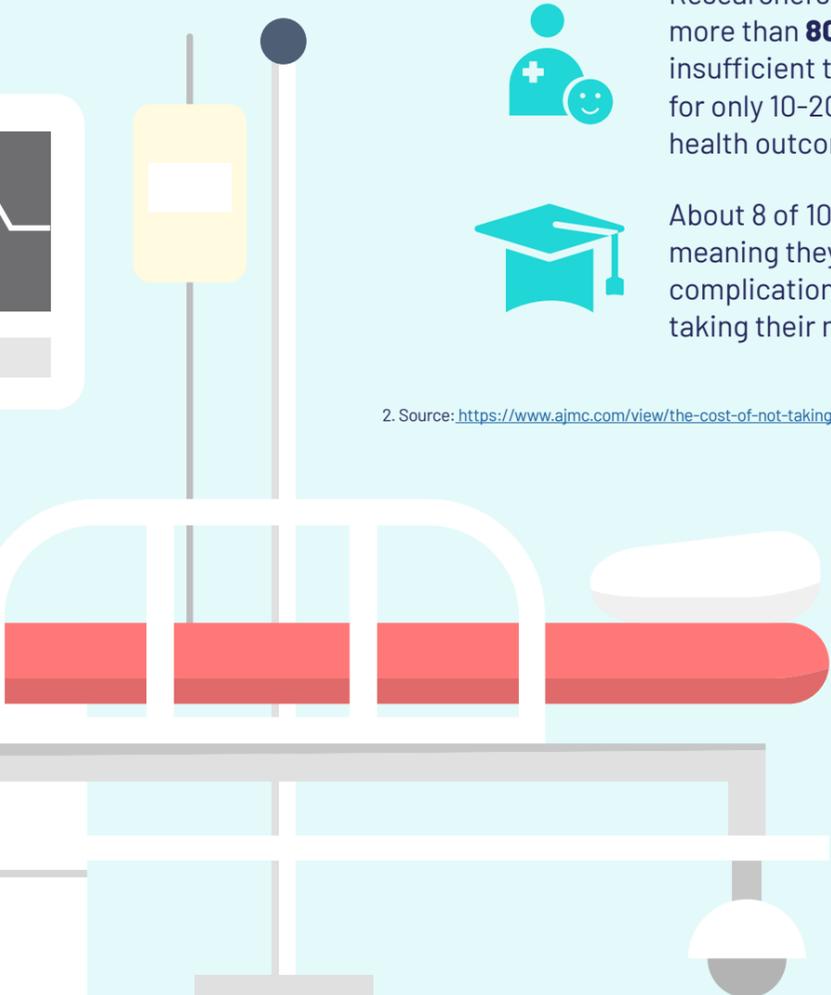


Researchers believe social determinants of health drive more than **80% of health outcomes**. Medical care alone is insufficient to improve health as it is estimated to account for only 10-20% of the modifiable contributors to improved health outcomes.



About 8 of 10 patients have below-average health literacy, meaning they have limited understanding of the potential complications of their health conditions as a result of not taking their medications.²

2. Source: <https://www.ajmc.com/view/the-cost-of-not-taking-our-medicine-the-complex-causes-and-effects-of-low-medication-adherence>



The Right Approach

Jvion drills down to the why, surfacing the reasons for the non-adherence and pinpointing the best communication time and channel to engage a patient and help address their specific barriers to adherence.



20-30 percent of medication prescriptions are never filled and approximately **50 percent** of medications for chronic disease are not taken as prescribed.



Studies have indicated that **text messaging** doubled the odds of medication adherence and improved overall adherence rates by 17.8%.

To learn more call 470.427.2900 or visit jvion.com.

About Jvion

Jvion, a leader in prescriptive clinical artificial intelligence, enables providers, payers and other healthcare entities to identify and prevent avoidable patient harm, utilization and costs. An industry first, the Jvion CORE™ goes beyond predictive analytics and machine learning to identify patients on a trajectory to becoming high-risk. Jvion determines the interventions that will more effectively reduce risk and enable clinical and operational action. The CORE accelerates time to value by leveraging established patient-level intelligence to drive engagement across healthcare organizations, populations, and individuals. To date, the Jvion CORE has been deployed across hundreds of clients and resulted in millions saved.

