

» LEADING HOME: Using Big Data to Improve Care at Home



Annual home health expenditures are expected to grow to \$157.2 billion by 2022.¹



Payers absorb \$17.5B in wasteful spending while patients face unnecessary medical risks and costs.²

CareCentrix is leading the path home through an approach that combines advanced analytics and clinical teams who interact directly with individual patients through proprietary workflow tools. We are helping our clients reduce waste, prevent unnecessary hospital readmissions, and help patients heal where they most want to be – at home.

WE'RE USING BIG DATA TO MAKE BETTER DECISIONS FOR INDIVIDUAL PATIENTS



DECISION 1: Identify the best path for the patient's care after discharge

What You Should Know

\$35B³

The minimum 10-year savings forecast available by adopting "Most Clinically Appropriate and Cost Effective Setting Model"

What We Know

\$2.72⁴

PMPM savings achieved by a CareCentrix commercial health plan client

Suggested Next Steps

Hospitals sometimes discharge patients to high-cost settings even though the patient might be better served in their home setting. An integrated end-to-end post-acute care solution identifies the best path for the patient's care. By implementing a program that's patient-focused and home-based, you have a better likelihood of increased care quality, higher patient satisfaction, and lowered overall costs.



DECISION 2: Connect patients, providers, and caregivers through technology

What You Should Know

\$90-\$110B⁵

Potential amount of U.S. healthcare costs saved through coordination of care among providers, and alignment around proven treatment protocols model

What We Know

95%⁶

Percentage of patients who would recommend the CareCentrix HomeSTAR[®] Post-Acute Care program

Suggested Next Steps

Innovative technology platforms such as HomeBridge, connect care managers, post-acute care providers, patients, and families. In addition to augmenting communication, technology platforms can support risk modeling and stratification, provide real-time service authorizations, recommend preferred sites of care, track plans of care, and validate delivery of services... ultimately allowing the home to become the hub for post-acute care.



DECISION 3: Diminish fraud

What You Should Know

\$70-234B⁷

Amount accounted for fraud each year in the U.S. healthcare system

What We Know

10%⁸

Percentage of total spend detected as potential fraud with anywhere from 3-8% recoverable

Suggested Next Steps

To be successful, a best-in-class Fraud Waste and Abuse Recovery program must be implemented. Expert knowledge should be combined with big data analytics with a focus on care at home and advanced detection methods. An intimate understanding of auditing and recovering on behalf of plans is a must. The fusion of all these elements enables maximum amplification of total savings.



DECISION 4: Reduce hospital readmissions

What You Should Know

76%⁹

Percentage of hospital readmissions that are potentially preventable

What We Know

38%¹⁰

Percent demonstrated reduction in readmission rates through CareCentrix programs

Suggested Next Steps

Hospital readmissions reflect failings in all three "Triple Aim" dimensions: poor patient experience, lower quality of care, and higher costs (waste). Reducing hospital readmissions requires an integrated approach – one that involves transition coaching, coordination of services, close communication and coordination among stakeholders, and dedicated technology to integrate people and processes.

Sources:

1. "National Health Expenditure Projections 2012-2022," www.cms.gov.

2. "Report to Congress: Promoting Greater Efficiency in Medicare," June 2007, MedPac (Medical Payment Advisory Commission), Washington D.C.

3. "Clinically Appropriate and Cost Effective Placement (CACEP): Improving Health Care Quality and Efficiency," November, 2012.

4. Internal CareCentrix Data of Underwriting for Clients

5. "The 'big data' revolution in health care," Center for US Health Reform Business Technology Office, McKinsey & Company, January, 2013.

6. Internal CareCentrix Data of Underwriting for Clients

7. "Combating Health Care Fraud in a Post-Reform World: Seven Guiding Principles for Policymakers," The National Health Care Anti-Fraud Association, White Paper, October, 2010.

8. Internal CareCentrix Data of Underwriting for Clients.

9. "Draft Measure Specifications: Potentially Preventable Hospital Readmission Measures for Post-Acute Care," October, 2015, CMS (Centers for Medicare & Medicaid Services)

10. Internal CareCentrix Data of Underwriting for Clients.

