

IN-HOME TELEMONITORING: COST SAVINGS HIGHLIGHTS FROM OTHER STATES

ALASKA (AK)

- **AK's in-home telemonitoring program reduced the annual cost of care for participants from \$676,782 to \$42,417 for a 1,500% return on investment.ⁱ**
- Patients experienced significant stabilization of glucose levels and body weight and patient reporting of vital signs increased 42%.ⁱⁱ

COLORADO (CO)

- CO's in-home telemonitoring pilot reduced 30-day re-hospitalizations by 62% for participants struggling with CHF, COPD, and diabetes. **Emergency room visits dropped 92%.ⁱⁱⁱ**

INDIANA (IN)

- **IN re-hospitalizations decreased 70%** for patients with CHF and COPD participating in St. Vincent Health's in-home telemonitoring pilot.^{iv}
- Researchers also found a statistically significant increase in patient engagement.^v

KANSAS (KS)

- KS' telemonitoring program **saved approximately \$26,298 per patient and reduced hospital admissions;** cost of equipment was \$816 per patient per year.^{vi}

LOUISIANA (LA)

- Inpatient stays dropped over 50% in LSU's study on in-home telemonitoring for patients with CHF and COPD.^{vii}

NEW YORK (NY)

- NY's Eddy Visiting Nurse Association completed an in-home telemonitoring study that saw **hospital admissions drop 55%, emergency room visits drop 29%, and overall medical costs drop 42%.^{viii}**

PENNSYLVANIA (PA)

- PA-based Geisinger Health Plan's in-home telemonitoring program for patients with CHF **reduced hospital readmissions by 44%,** compared to a control group.^{ix}

DEPT. OF VETERANS AFFAIRS (VA)

- In 2013, the VA's Care Coordination Home Telehealth (CCHT) program provided services to over 600,000 veterans and **reduced bed days of care by 53%, hospital admissions by 30%, and saved nearly \$2,000 per patient per year.^x**

ⁱ Care Plan Solutions, *Case Study – Alaska Federal Health Care Partnership* (2013). See <http://www.cstcareplansolutions.com/files/2013/11/cst-case-study-alaska-federal-health-care-partnership.pdf>.

ⁱⁱ *Ibid.*

ⁱⁱⁱ The Commonwealth Fund, *Case Studies in Telehealth Adoption*. "Centura Health at Home: Home Telehealth as the Standard of Care." January 2013. See http://www.commonwealthfund.org/~media/files/publications/case-study/2013/jan/1655_broderick_telehealth_adoption_centura_case_study.pdf.

^{iv} Alan Snell, "The Role of Remote Care Management in Population Health." *Health Affairs*. April 4, 2014. See <http://healthaffairs.org/blog/2014/04/04/the-role-of-remote-care-management-in-population-health/>.

^v *Ibid.*

^{vi} Ryan Spaulding, PhD, Center for Telemedicine & Telehealth, University of Kansas Medical Center, "Medicaid HCBS/FE Home Telehealth Pilot: Final Report for Study Years 1-3," September 2007 – June 2010. See <http://www.healthcare.philips.com/main/shared/pdfs/KDOA%20Pilot%20Final%20Report.pdf>.

^{vii} Legislative Report from the Louisiana Department of Health and Hospitals, Office of the Secretary, to the Joint House and Senate Committees on Health and Welfare, January 30, 2013. See <http://dhh.louisiana.gov/assets/docs/LegisReports/HCR96-2013.pdf>.

^{viii} Home Care Association of New York State, "Home Telehealth: Enhancing Care, Saving Costs: How remote-monitoring technology is changing the landscape of home care delivery by reducing hospitalizations and health care expenses." See <http://htcare.com/assets/Home-Telehealth-Enhancing-Care-Saving-Costs.pdf>.

^{ix} Ken Terry, "Geisinger plan reduces readmissions 44% with telemonitoring." *FierceHealthIT*, March 2, 2012. See <http://www.fiercehealthit.com/story/geisinger-plan-reduces-readmissions-44-telemonitoring/2012-03-02>.

^x Adam Darkins, "Telehealth Services in the Department of Veterans Affairs (VA)." See http://assets.fiercemarkets.net/public/sites/govit/vatelehealthpresentation_adam_darkins.pdf.