

# Case Study: Livongo Demonstrates Cost Savings

MEDICAL CLAIMS ANALYSIS FOR TWO SELF-INSURED EMPLOYERS



PRESENTED AT 77TH ANNUAL AMERICAN DIABETES ASSOCIATION'S SCIENTIFIC SESSIONS

A scientific study presented at the 77th Annual American Diabetes Association's Scientific Sessions shows Livongo drives cost savings for two large self-insured employers.

Livongo's data science team conducted a retrospective data analysis for two large self-insured employer clients leveraging multiple data sources.

1. Health benefits eligibility data from clients
2. Enrollment, population demographics, and blood glucose values from Livongo
3. Medical claims spending from claims administrators

## Study Demographics

|  |        |
|--|--------|
| Livongo Members with Claims Data             | 4,346  |
| Non-Livongo people with Diabetes with Claims | 12,065 |
| Female                                       | 41%    |
| Mean age (yrs)                               | 52.0   |
| Age 18-44                                    | 22%    |
| Age 45-64                                    | 67%    |
| Age > 65                                     | 10%    |
| Insulin Use                                  | 47%    |

COST SAVINGS: \$83 DECREASE IN HEALTHCARE SPENDING PER PARTICIPANT PER MONTH

Livongo's data science team analyzed medical claims of 3,474 Livongo members against 12,065 people with diabetes not enrolled in Livongo, comparing years before and after Livongo launched. Livongo saved the two large self-insured employers \$83.06 per member per month on healthcare costs.

## PER PARTICIPANT PER MONTH SAVINGS

▼ \$83 PPPM

Livongo demonstrated a 5.8% decrease compared to non-Livongo members over the same timeframe

## CLINICAL OUTCOMES: 0.9 PERCENT REDUCTION IN MEAN HBA1C

Livongo analyzed blood glucose data for 4,346 Livongo members over a one-year timeframe. The study revealed a reduction in mean HbA1c from 7.8 percent to 6.9 percent.

HbA1c is an important indicator of how well blood glucose has been managed over a three-month period. This substantial improvement reduces the likelihood of long-term complications such as kidney failure, blindness, heart attacks, and strokes.

## MEAN REDUCTION IN HBA1C

▼ 0.9%

Livongo members reduced their mean A1c from 7.8% to 6.9%

## LIVONGO MEMBERS SUSTAINED IMPROVEMENTS IN MEAN HBA1C OVER A YEAR

### Reduction in Mean A1c

