

# ENHANCING PATIENT DATA TO DRIVE PREVENTIVE CARE

5 diseases kill 16 million people around the world each year.<sup>1</sup>



Diabetes



Cardiovascular disease



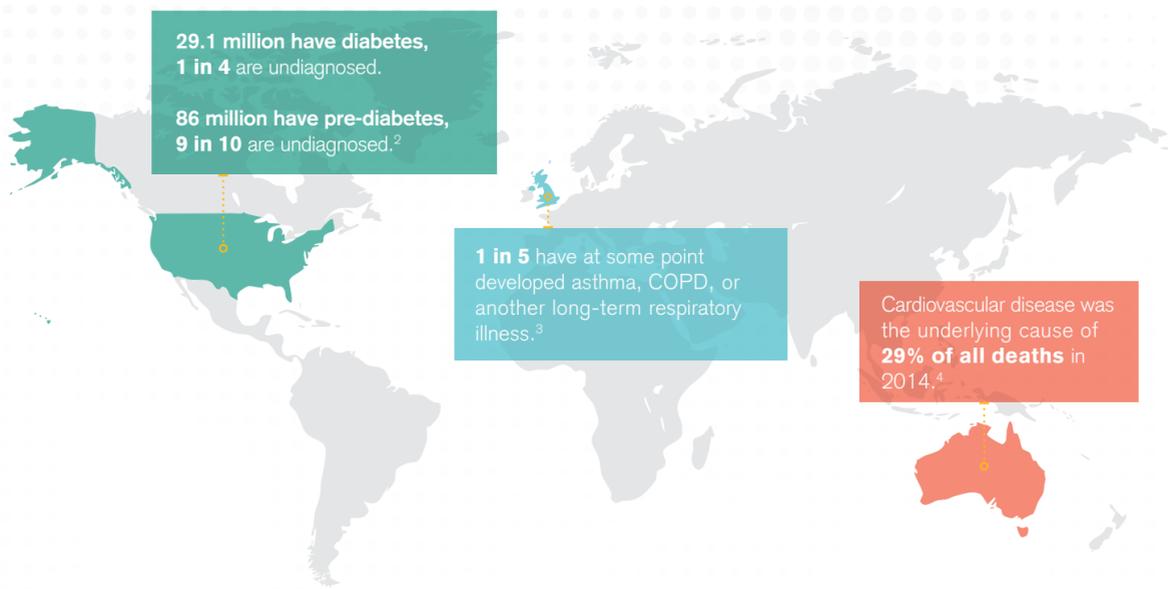
Chronic respiratory disease



Mental illness



Cancer



Up to 90% of patient risk is attributed to social determinants of health, individual behavior patterns, and genetics.<sup>6</sup>

However, this supplemental information often lives outside an organization's EHR.



Embedding this data within the workflow allows physicians to effectively:



Stratify risk



Intervene with preventive care



Close care gaps



Prevent readmissions

This drives a deeper understanding of at-risk patients, and empowers providers to drive preventive care measures.

## PREVENTIVE MEASURES AROUND THE WORLD

In the US, the New York State Department of Health identified Long Island as an at-risk region for child asthma. They launched a program to educate childcare providers about managing asthma.

Results:

**92%** Hospitalizations

**61%** Emergency department visits

**87%** Unscheduled office visits<sup>7</sup>

A US health plan intervened with diabetic members to prevent cardiovascular episodes, achieving:

**15%** Statin therapy adoption<sup>8</sup>

A Finnish study used lifestyle interventions (training in diet, physical activity, and behavior modification) with people at risk of developing diabetes.

Results:

**43%** Relative risk of developing diabetes over seven years.<sup>9</sup>

Prescribing anti-hypertensive medications to people with ≥5% risk for cardiovascular disease, and statins to people with ≥10% risk, could save the Australian government:

**\$5.4 billion** Over the lifetime of its population.<sup>10</sup>



Learn how Qlik's visual analytics platform can embed in your EHR, unlocking valuable insights for delivering preventive care. **Watch this demo video to see how you can give your care teams the tools to keep populations healthy.**

For more customer stories, webinars and videos showing the impact Qlik is having in more than 2,500 healthcare organizations around the world, visit [healthcare.qlik.com](http://healthcare.qlik.com).

<sup>1</sup> World Economic Forum/Willis Towers Watson. Human-Centric Health: Behaviour change and the prevention of non-communicable diseases, 2017. [weforum.org/whitepapers/human-centric-health-behaviour-change-and-the-prevention-of-noncommunicable-diseases](http://weforum.org/whitepapers/human-centric-health-behaviour-change-and-the-prevention-of-noncommunicable-diseases).

<sup>2</sup> National Diabetes Statistics Report, 2014." Centers for Disease Control and Prevention.

<sup>3</sup> "Lung disease in the UK." British Lung Foundation. Accessed May 2017. [statistics.blf.org.uk](http://statistics.blf.org.uk).

<sup>4</sup> "Cardiovascular disease." Australian Institute of Health and Welfare. Accessed May 2017. [aihw.gov.au/cardiovascular-disease](http://aihw.gov.au/cardiovascular-disease).

<sup>5</sup> HIMSS Analytics® Population Health Essentials Brief. 2015 update.

<sup>6</sup> "Using Risk Scores, Stratification for Population Health Management." HealthITAnalytics. April 14, 2017. Accessed May 2017. [healthitanalytics.com/features/using-risk-scores-stratification-for-population-health-management](http://healthitanalytics.com/features/using-risk-scores-stratification-for-population-health-management).

<sup>7</sup> "An Investment in America's Health." Centers for Disease Control and Prevention National Asthma Control Program. 2013.

<sup>8</sup> "2017 Bold Goal Progress Report." Humana: Population Health. Accessed May 2017. [populationhealth.humana.com](http://populationhealth.humana.com).

<sup>9</sup> Lindström, J., M. Peltonen, J. G. Eriksson, P. Ilanne-Parikka, S. Aunola, S. Keinänen-Kiukaanniemi, M. Uusitupa, J. Tuomilehto, and D. Finnish. "Improved lifestyle and decreased diabetes risk over 13 years: long-term follow-up of the randomised Finnish Diabetes Prevention Study (DPS)." Diabetologia. February 2013. Accessed May 2017. [ncbi.nlm.nih.gov/pubmed/23093136](http://ncbi.nlm.nih.gov/pubmed/23093136).

<sup>10</sup> Cobiac, Linda J., Anne Magnus, Jan J. Barendregt, Rob Carter, and Theo Vos. "Improving the cost-effectiveness of cardiovascular disease prevention in Australia: a modelling study." BMC Public Health. June 01, 2012. Accessed May 2017. [bmcpublichealth.biomedcentral.com/articles/10.1186/1471-2458-12-398](http://bmcpublichealth.biomedcentral.com/articles/10.1186/1471-2458-12-398).

