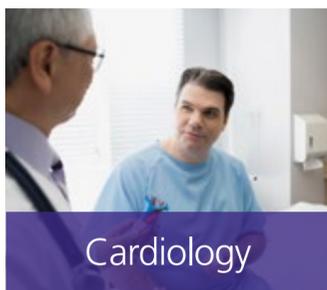
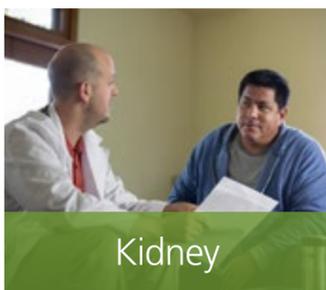
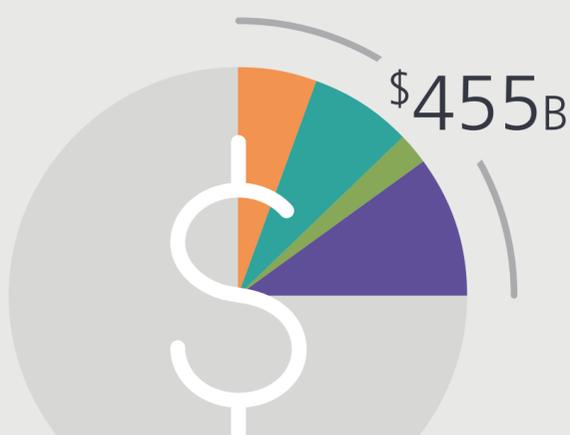


Just four condition categories drive **25% of health care spending.**¹



The number of cancer survivors will increase by nearly 70% through 2040. Very good news, but when combined with rising cancer incidence rates, it also means there will be a growing cancer population to manage.

Throughout the previous decade, costs for treating cancer have **increased by 62%**,² largely driven by new therapies — nearly **70 therapies** have been approved within the last five years alone.³

Many musculoskeletal (MSK) procedures have shifted out of the inpatient setting, improving cost of care.

However, pharma spend in MSK conditions has **risen more than 60% in the last 12 years.**⁴

One in every seven Americans has chronic kidney disease, and this is expected to grow. Most adults don't realize they are suffering in early, highly treatable stages.

The impact of renal disease, especially when it gets to the point of dialysis, is extreme. Patients on dialysis experience major life disruptions and can cost payers **more than a quarter-million dollars a year.**⁵

A decrease in outpatient utilization and smaller-than-average increases in inpatient and pharma costs have tempered spending growth in cardiovascular disease (CVD) treatment.

As prevalence grows across the CVD spectrum, **major heart-condition-based spending is expected to increase dramatically by 2035.**

Oncology



Musculoskeletal



Kidney



Cardiology



Top current cost drivers: Hospitalizations, pharma and surgery

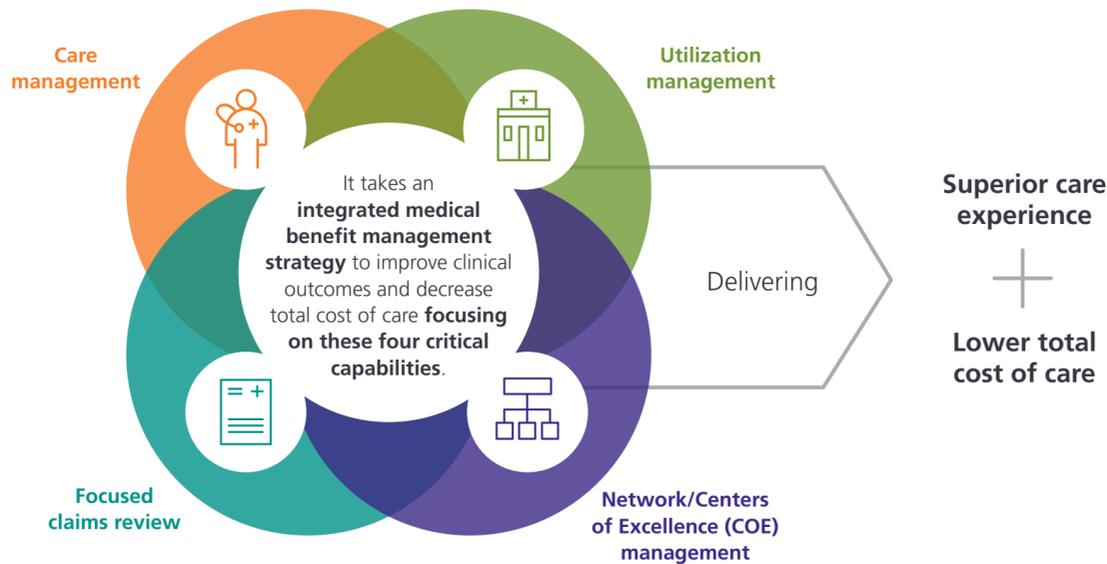


Greatest future growth in spending: Patient complexity and pharma



The way forward to create value for payers, employers and patients:

Thoughtful integration strategy > Maximize clinical outcomes > Decrease total cost of care



A fully integrated strategy is necessary to address the cost drivers of complex and high-cost conditions.

[Learn more now.](#)

¹Bureau of Economic Analysis. Blended account, 2000–2014. Retrieved from <https://www.bea.gov/data/special-topics/health-care> (updated August 2017).
²Pyenson BS, Fitch KV, Pelizzari PM. Cost drivers of cancer care: A retrospective analysis of Medicare and commercially insured population claim data 2004–2014. Milliman. April 2016. [milliman.com/insight/2016/Cost-drivers-of-cancer-care-A-retrospective-analysis-of-Medicare-and-commercially-insured-population-claim-data-2004-2014/](http://www.milliman.com/insight/2016/Cost-drivers-of-cancer-care-A-retrospective-analysis-of-Medicare-and-commercially-insured-population-claim-data-2004-2014/).
³QuintilesIMS Institute. Global Oncology Trends. May 2017.
⁴Bone and Joint Initiative USA. (2014). Overall change in musculoskeletal diseases health care cost, 1996–2011. Retrieved from <http://www.boneandjointburden.org/2014-report/xf1/overall-change-musculoskeletal-diseases-health-care-cost>.
⁵Colestaneh L, Alvarez PJ, Reaven NL, et al. All-cause costs increase exponentially with increased chronic kidney disease stage. *AJMC*. June 21, 2017. ajmc.com/journals/supplement/2017/all-cause-costs-increase-exponentially-with-increased-chronic-kidney-disease-stage/.
⁶Milliman. "Cost Drivers of Cancer Care: A Retrospective Analysis of Medicare and Commercially Insured Population Claim Data 2004–2014." Milliman, Apr. 14, 2016. www.milliman.com/insight/2016/Cost-drivers-of-cancer-care-A-retrospective-analysis-of-Medicare-and-commercially-insured-population-claim-data-2004-2014/.
⁷Bone and Joint Initiative USA. (2014). Direct Medical Costs. Retrieved from <http://www.boneandjointburden.org/2014-report/fih1/direct-medical-costs-0>.
⁸Colestaneh L, et al. (June 2017). All-Cause Costs Increase Exponentially with Increased Chronic Kidney Disease Stage. Retrieved from <https://www.ajmc.com/journals/supplement/2017/all-cause-costs-increase-exponentially-with-increased-chronic-kidney-disease-stage/>.
⁹AHA. "Heart Disease and Stroke Statistics — 2018 Update: A Report from the American Heart Association." *Circulation*, vol. 137, no. 12, 2018, doi:10.1161/cir.0000000000000573.
¹⁰Bone and Joint Initiative USA. (2014). Overall change in musculoskeletal diseases health care cost, 1996–2011. Retrieved from <http://www.boneandjointburden.org/2014-report/xf1/overall-change-musculoskeletal-diseases-health-care-cost>.
¹¹United States Renal Data System. (2018). USRDS Annual Data Report: Epidemiology of Kidney Disease in the United States, 2009–2016. National Institutes of Health. Retrieved from <https://www.usrds.org/2018/view/Default.aspx>.
¹²Park C, Fang J, Hawkins NA, and Wang G. (2017). Comorbidity Status and Annual Total Medical Expenditures in U.S. Hypertensive Adults. *American Journal of Preventive Medicine*, 53(6). doi:10.1016/j.amepre.2017.07.014.