# particle

Minimize risk, maximize value

Reduced Hospitalizations = Reduced Costs

Preventable hospitalizations run quite a large bill. Heart failure, diabetes, and chronic obstructive pulmonary disease (COPD) were noted as the three most common and most expensive reasons for potentially preventable hospitalizations among adults in the US.

What exactly causes these hospitalizations and how can they be prevented?

Preventable Hospitalizations by Condition

Mean cost per stay:
- $10,100
- $8,800
- $12,500
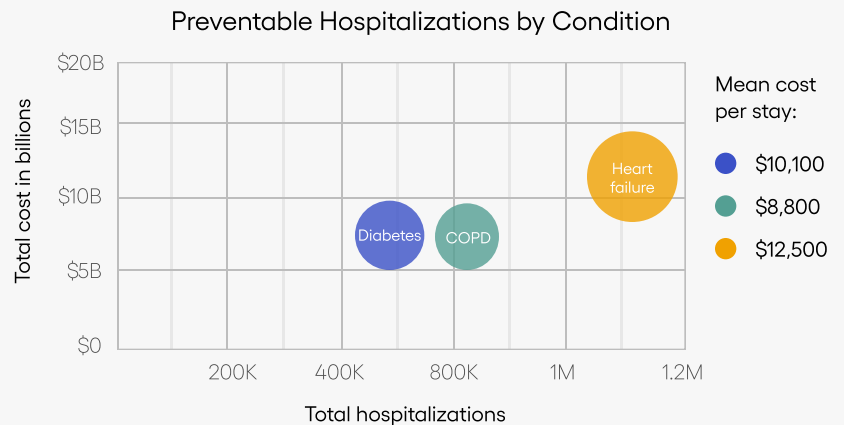
A Data-Driven Approach to Risk Management

Approximately 20–35% of all unplanned hospitalizations are considered avoidable if complications are handled well in primary care. However, most providers are limited by the patient history that lives within their EMR - and they don't even realize they're missing critical information.

Trying to provide the right treatment to a patient without all of the right information leads to costly complications and delayed diagnosis. With Particle, providers gain access to complete, longitudinal patient medical records from all providers in order to drive comprehensive care. With the right data, you can take a proactive approach to patient care in order to avoid costly complications and hospitalizations. Here's how:

- **Medication management:** Stay on top of a patient's medications in order to avoid drug interactions, medication errors, incorrect dosages, and adverse reactions - especially for chronically ill patients. Many chronic conditions, such as diabetes, hypertension, and heart disease, require long-term medication management. Particle provides a deduplicated history of medication records in order to help providers more easily manage patient medications, reducing the risk of future hospitalizations.
- **Patient monitoring:** Routine monitoring of vital signs, such as blood pressure, heart rate, and oxygen saturation, can surface subtle changes that indicate worsening health. Prompt detection allows for early intervention, prevents disease progression, and avoids costly complications - especially in high risk patients. And, we make it easy. We only give you the newest available patient data since the last time you checked.
- **Coordinated care:** When PCPs and specialists don't communicate effectively, patient care is compromised. Particle's data bridges the gaps, delivering a complete picture of patient health at the point of care without a single phone call or fax. With all of a patient's information, providers can avoid redundant testing and procedures, conflicting treatments, missed opportunities for preventive care, and delays in referrals to specialists. We'll keep you in the know, flagging potential gaps in care, medication interactions, and ADT events.

Reach out to our team to learn more about how Particle puts data to work to help risk-bearing organizations minimize risk and maximize value.

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