

# Leading with Data

## 11 Ways Premier Applied Sciences Is Transforming Healthcare Innovation

Life sciences companies and healthcare organizations use data to extract insights that can demonstrate the clinical and financial value of diagnostic and therapeutic products, improve research studies and clinical trials, support discovery of new treatments and accelerate product development. The need for real-world data (RWD) and real-world evidence (RWE) is only growing. Premier uses RWD/RWE to achieve significant advancements in research and development, with the goal of improving the future of healthcare.

### **Clinical Trials:**

Provide agile, end-to-end solutions to help ease the burden and complexity of clinical trials – from planning to submissions support and publications.

### **Market Analysis:**

Determine the products/ treatments for a given disease state highlighting patient, visit and hospital characteristics.

### **Health Economics Research:**

Understand the economic impact of therapeutic treatments on the healthcare system and processes of care for patients and populations.

### **Comparative Effectiveness:**

Determine differences in effectiveness of multiple therapeutic interventions, including outcomes, safety and harms.

### **Data Extracts / Data Licenses:**

Provide individual extracts for specific research projects and/or licenses to full database.

### **Regulatory Submissions:**

Demonstrate product safety and efficacy, provide therapeutic context and/or support expanding label indications and guidance for treatment.

### **Risk Assessment & Predictive Modeling:**

Determine risk factors for and estimate the probability of an outcome or differences in outcomes based on historic data and characteristics of patients, visits and hospitals.

### **Outcomes Research:**

Evaluate the end results of therapeutic treatments on the healthcare system and processes of care for patients and populations.

### **Clinical Care Guidelines:**

Derive evidence from comparing outcomes among different populations or for different treatments among a more uniform population.

### **Burden of Illness:**

Describe the epidemiology and disease state burden of relevant diseases including current treatment.

### **Market Trending:**

Review real-world uptake of products in the market and/or compare uptake versus competitive products.

Learn more at [premierinc.com/real-world-evidence](https://premierinc.com/real-world-evidence).