

EXPERIENCE

PROJECT HISTORY

▶ RELEVANT HEALTHCARE EXPERIENCE

ALTRU HEALTH SYSTEMS | Strategic Master Plan | Grand Forks, North Dakota

ASCENSION COLUMBIA ST. MARY'S HOSPITAL | OB Clinic Expansion and Renovation | Milwaukee, Wisconsin

AURORA BAYCARE MEDICAL CENTER | Surgical Utilization Study | Sports Medicine Center | Green Bay, Wisconsin

AURORA ST. LUKE'S MEDICAL CENTER | Master Plan | Emergency Department Analysis | Milwaukee, Wisconsin

BETH ISRAEL DEACONESS MEDICAL CENTER | Chestnut Hill Square MOB | Integrated Breast Care Center | Boston, Massachusetts

BUMRUNGRAD INTERNATIONAL PETCHABURI CAMPUS HOSPITAL | Bangkok, Thailand

CENTRACARE HEALTH - LONG PRAIRIE | Master Plan and Replacement Hospital | Long Prairie, Minnesota

CENTRACARE | St. Cloud Hospital | Emergency Department Expansion | St. Cloud, Minnesota

CONFIDENTIAL ACADEMIC MEDICAL CENTER | Illinois

ESSENTIA HEALTH WEST | East Addition | Duluth, Minnesota

EDWARD HINES, JR. VETERANS HOSPITAL | Building 1 Renovation | Hines, Illinois

FAIRVIEW HEALTH SERVICES | Southdale ED Expansion | Minneapolis, Minnesota

FRANCISCAN PHYSICIANS HOSPITAL | Master and Operational Plans | Munster, Indiana

FROEDTERT & THE MEDICAL COLLEGE OF WISCONSIN | Moorland Reserve Health Center OT/PT Evaluation | New Berlin, Wisconsin

HEALTHEAST-WOODWINDS | Family Practice, Internal Medicine and Pediatrics Clinic | Woodbury, Minnesota

HOLY FAMILY MEMORIAL HOSPITAL | Space Utilization Study | Manitowoc, Wisconsin

LUCILE PACKARD CHILDREN'S HOSPITAL STANFORD | Stanford Children's | Heart, Neurology and Pulmonary Clinic Work Flow Optimization | Palo Alto, California

MERCY SAINT MARY'S HOSPITAL | Inpatient Demand Study | Grand Rapids, Michigan

NORTHEAST GEORGIA MEDICAL CENTER | Master Plan and Net New Hospital | Braselton, Georgia

NORTHWESTERN MEDICAL GROUP | Primary Care Institute | Chicago, Illinois

PENINSULA REGIONAL MEDICAL CENTER | Master Plan | Salisbury, Maryland

RIVERVIEW HEALTH | Ambulatory Care Clinic Consolidation | Crookston, Minnesota

ST. CLOUD VA HEALTH CARE SYSTEM | Acute Diagnostics and Imaging Expansion | St. Cloud, Minnesota

SPECTRUM HEALTH | United Hospital Master Plan and Predesign | Greenville, Michigan

SUTTER HEALTH | CMPC Interventional Services Planning | Sacramento, California

THEDACARE SHAWANO MEDICAL CENTER | Replacement Critical Access Hospital | Shawano, Wisconsin

TRINITY HEALTH, MERCY HEALTH MUSKEGON | Master Plan and Replacement Hospital | Muskegon, Michigan

UNIVERSITY OF CALIFORNIA - IRVINE MEDICAL CENTER | Ambulatory Care Center Programming | Orange, California

UNIVERSITY OF KENTUCKY UK HEALTHCARE | Master Plan Update | Lexington, Kentucky

UNIVERSITY OF VIRGINIA | Ray Hunt Medical Office Building | Charlottesville, Virginia

VERDE VALLEY MEDICAL CENTER I Community Engagement and Process Improvement I Cottonwood, Arizona

► RELEVANT CULTURAL EXPERIENCE

TULSA CITY | County Library | Master Plan | Tulsa, Oklahoma

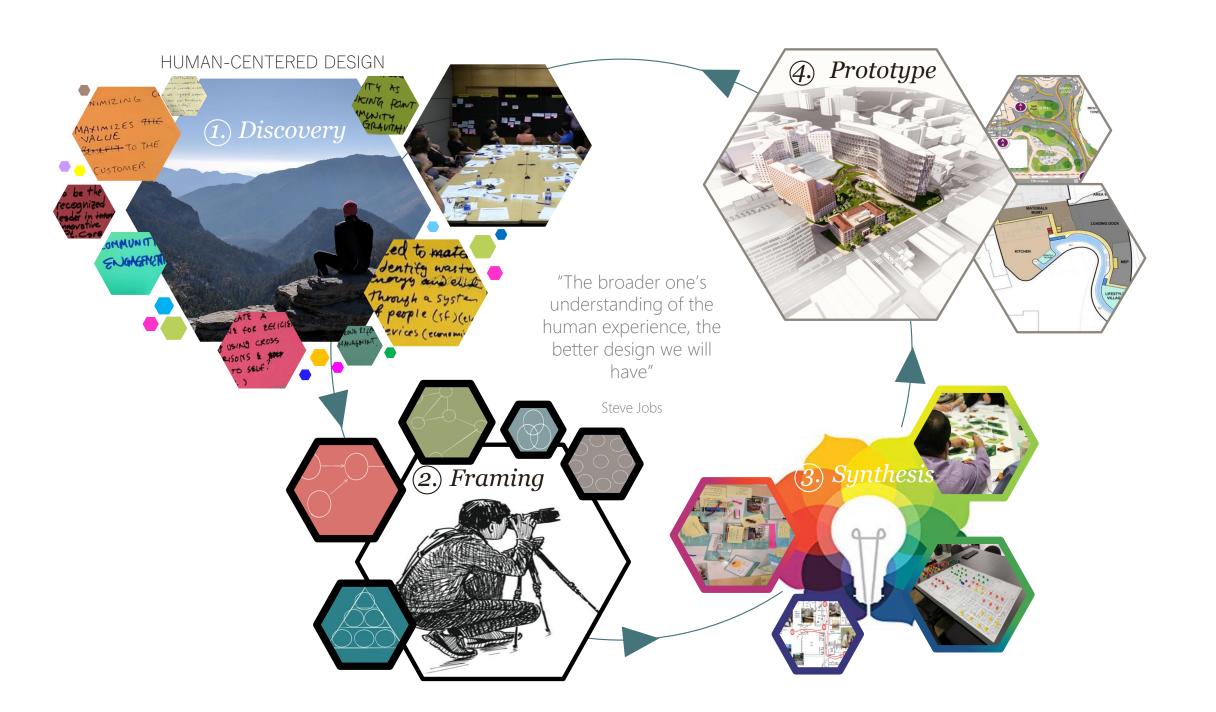
► RELEVANT CORPORATE EXPERIENCE

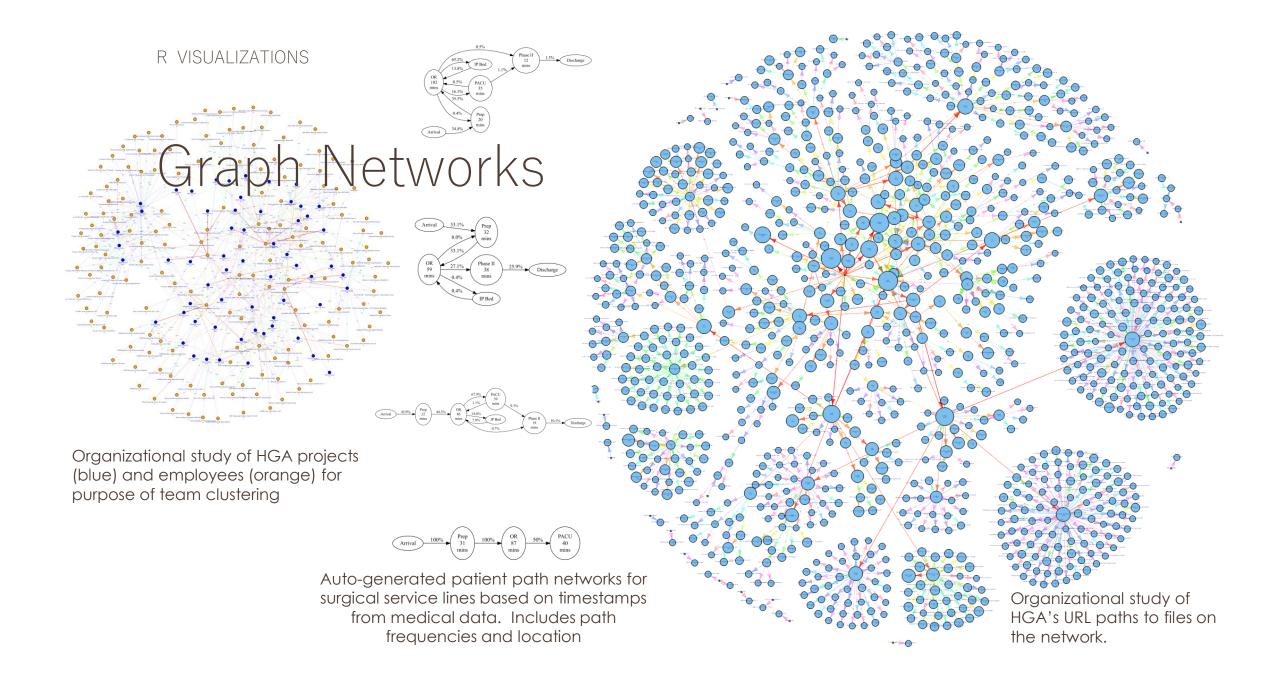
CITY OF MINNEAPOLIS | Water Distribution Center | Workflow Analysis and Location Study | Minneapolis, Minnesota

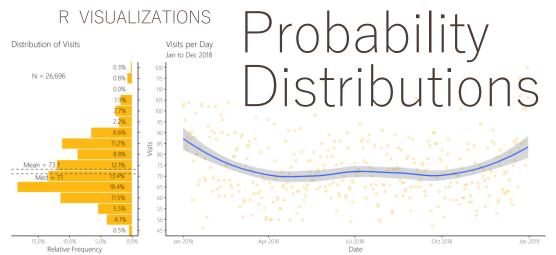
CITY OF SAINT PAUL | Board of Water Commission | Space Utilization Study | St. Paul, Minnesota

SECURE GOVERNMENT BUILDING COMPLEX | Undisclosed Location

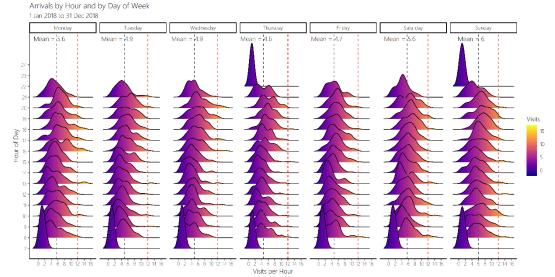
E.A. SWEEN COMPANY | IES Study and Master Plan | Eden Prairie, Minnesota



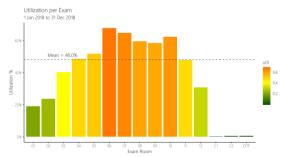




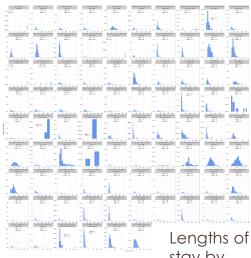
Census distribution, trend, and seasonality



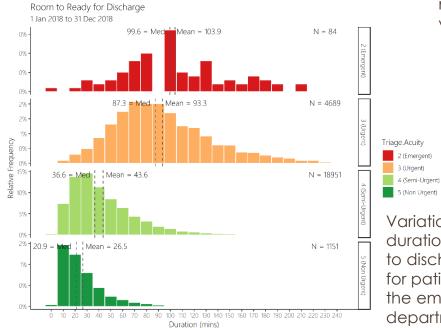
Ridge plot of patient arrivals by day of week and hour of day.



Exam room usage

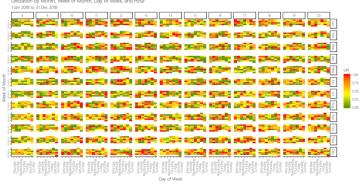


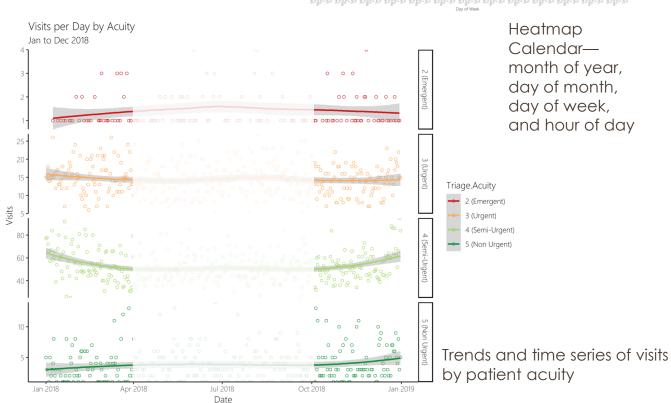
stay by numerous variables

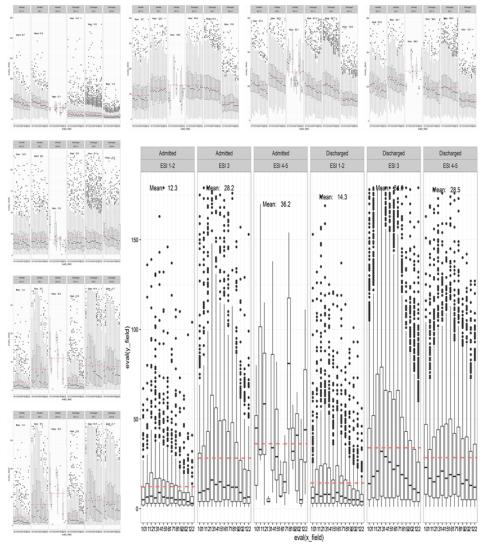


Variation in duration of room to discharge times for patients visiting the emergency department

Descriptive Statistics & Trends







Box and whiskers faceted by discharge category