CMS Medicaid Dataset

**Allowed Research Usage**
- Measuring and Explaining Inequities
- Optimizing Interventions and Delivery Systems

**Claim File Types**
- Members & Eligibility
- Inpatient Claims
- Rx Claims
- “Other” Claims - (Outpatient, clinics, labs, and others)

**Dataset Contents**
- Costs and Charges
- Procedures and Diagnosis
- Prescriptions and Charges
- Membership Eligibility
- Race, Gender, Ethnicity, and Age
- Location Information
- Provider NPI

<table>
<thead>
<tr>
<th>Years of data</th>
<th>States Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005 - 2009</td>
<td>Initial Purchase included Southern states and large comparison states (14 overall)</td>
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<tr>
<td>2010 - 2020*</td>
<td>All 50 states where available (*2019-2020 in progress)</td>
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</tbody>
</table>

**What is Medicaid?**
Medicaid provides health coverage to millions of Americans, including eligible low-income adults, children, pregnant women, elderly adults and people with disabilities. Medicaid is administered by states, according to federal requirements. The program is funded jointly by states and the federal government.
Shriners Children’s Datasets

Patient Population
• Pediatric patients
  • Burn Care
  • Neuromuscular Disorders
  • Craniofacial Conditions
  • Orthopedics
  • Spine Care
  • Sports Medicine

Research Focus and Needs
• Motion analysis
• Genomics
• AI/ML
• Application Development
• Wearables and Voice Recognition Devices

Dataset Contents
• EHR Data for 20 Shriners Children Hospitals
• Video Motion Data
• Imaging Data
• Genomics Data

Who are Shriners Children’s?
Shriners Children’s is a 100-year-old organization consisting of 20 pediatric care centers in the US. Mexico, and Canada. The specialize in patient care and research.

GT-Shriners Children’s Conference
• February 22-24, 2024, in Atlanta
• Funding call
I-CONECT Dataset

Collected as part of a clinical trial to examine how social engagement via technology impacts brain health in socially isolated older adults

**Participants:** 75 older adults (75yo+)

**Intervention:** Regular conversation via video chat with a trained conversational partner (30 minutes, 2-3x/week over 6 months)

**Dataset:** audio/video recordings of chat, ASR transcriptions
Cognitive Empowerment Program Home Dataset

- 29 homes
- Dyads of individuals with mild cognitive impairment (MCI) and care partners
- 1 to 4 years of data

**Continuous Results**
- Humidity Sensors
- Microwave
- Stove Hood
- Temperature Sensors
- Dishwasher Water
- Microwave
- Oven
- Stove
- Power sensors
  - Microwave
  - Toaster Oven
  - TVs
- Emfit / Bed Sensor

**Discrete Results**
- Motion Sensors
  - Room level
  - Gait speed array
- Door Sensors
  - Freezer
  - Fridge
  - Microwave
  - Back Door
- Vibration Sensors
  - Toilet tanks
  - Medication box
- Medication Buttons
- Medication boxes
- Weight scale