# Indiana Hospital Association

# ChimeMaps

An innovative solution that uses advanced GIS mapping techniques to provide actionable insights to inform business planning, community health, and population health strategies.
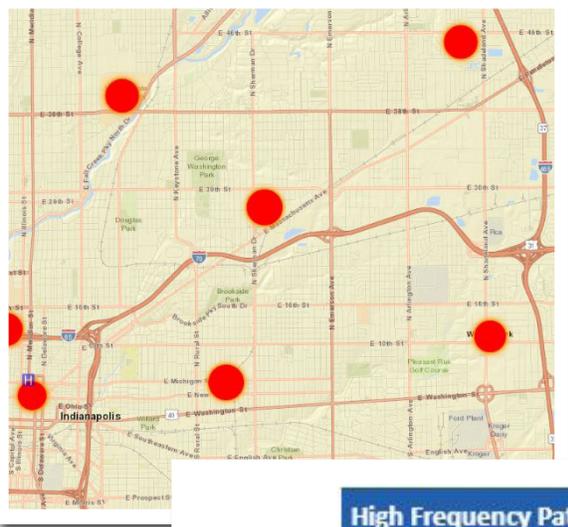
# POPULATION HEALTH

Reduce readmissions and improve appropriate utilization with **ChimeMaps.**
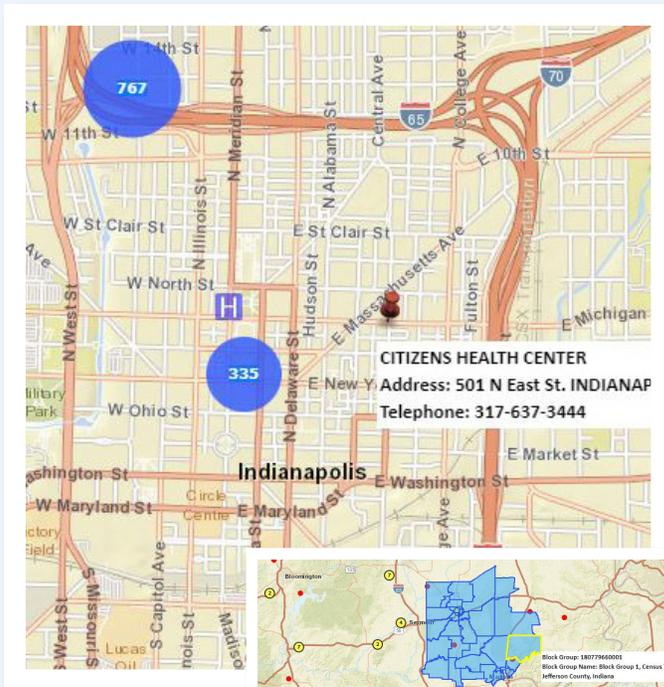


| High Frequency Patients | | |
|---|---|---|
| MRN | Encounters | Total Charges |
| DMRNC10989EB5E2352 | 47 | $151,388.31 |
| DMRN96D8D68C2E12CB | 14 | $315,933.70 |
| DMRN21C14196EC5661 | 11 | $192,268.77 |
| DMRN6E0A76235847C5 | 11 | $13,588.68 |
| DMRNA0DCCB7813479A | 10 | $26,241.45 |

- **GAIN** insights into the utilization patterns and socio-economic characteristics of frequent utilizers to inform the development of strategies to improve outcomes.

- **TARGET** chronic diseases, mental health, and other community health concerns to develop case management lists for targeted patient outreach.

- **PINPOINT** health condition "hot spots" and high-risk neighborhoods to identify clusters of patients with specific conditions, combined with social determinants that impact health outcomes.

- **IDENTIFY** priority areas by filtering patients by payer.

- **IMPROVE** case management by identifying high-frequency users and interactively exploring their encounter history.

# COMMUNITY HEALTH NEEDS ASSESSMENTS

Develop community health needs assessments (CHNAs) and community health improvement plans with **ChimeMaps.**



CITIZENS HEALTH CENTER
Address: 501 N East St. INDIANAP
Telephone: 317-637-3444

- **EVALUATE** the impact of disease burden on a community by accessing geocoded encounter data, which is integrated with U.S. census, demographic, and social determinants of health data such as poverty and education.

- **VISUALIZE** data illustrating condition prevalence for hospitals, health systems, and statewide.

- **ISOLATE** specific geographic regions using "hot spot" mapping technology that supports the identification of community health improvement priorities.

- **PLOT** the locations of healthcare facilities such as Federally Qualified Health Centers on the map to visualize the accessibility to target communities.

- **DESIGN** effective intervention and outreach programs to develop action plans.

Block Group: 180779660001
Block Group Name: Block Group 1, Census Tract 9660, Jefferson County, Indiana

**Search Results**

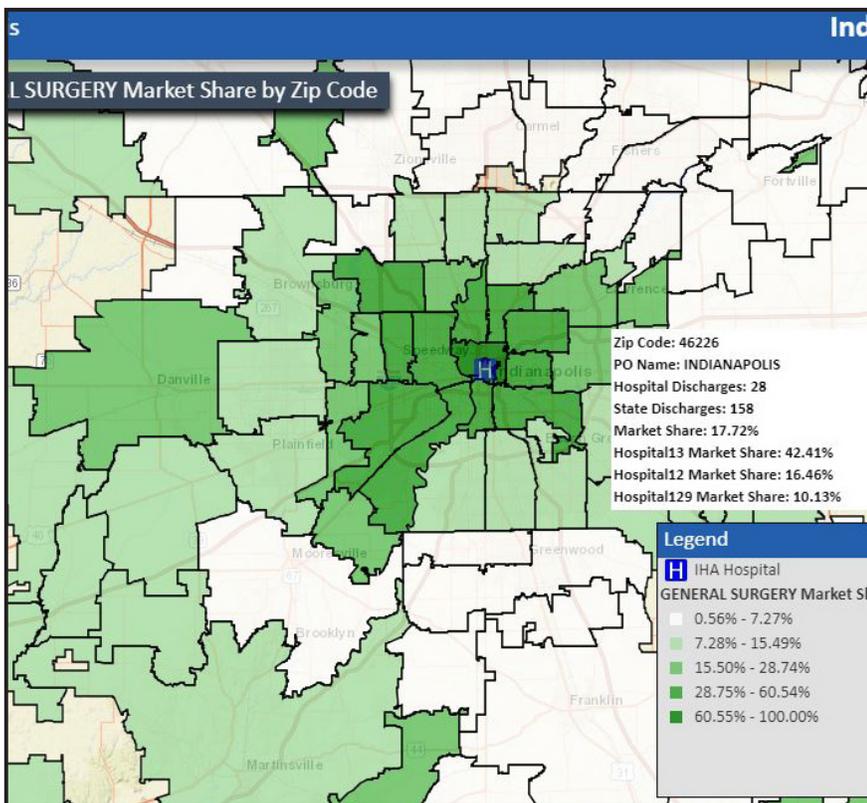| Block Group | Block Group Name | Med Age | % w/Diploma | % w/BA | Avg HH Size | % F-Head HHs ... | % Vacant H... |
|---|---|---|---|---|---|---|---|
| 180779606003 | Tract 9606, Jennings County, Indiana | 37.10 | 84.46% | 6.90% | 2.52 | 9.77% | 9.07% |
| 180779660001 | Block Group 1, Census Tract 9660, Jefferson County, Indiana | 39.30 | 90.54% | 10.45% | 2.57 | 2.47% | 8.98% |
| 180779664002 | Block Group 3, Census Tract 9664, Jefferson County, Indiana | 42.70 | 85.25% | 12.16% | 2.52 | 3.15% | 8.89% |
| 180779603011 | Block Group 1, Census Tract 9603, Jennings | 44.60 | 81.22% | 2.60% | 2.41 | 0.00% | 8.74% |
| Block Group | Block Group Name | Med Age | % w/Diploma | % w/BA | Avg HH Size | % F-Head HHs ... | % Vacant H... |
| All Block Groups | All Block Groups | 37.54 | 84.69% | 11.82% | 2.61 | 10.29% | 11.85% |
| Selected Block Groups | Selected Block Groups | 42.90 | 79.91% | 5.95% | 2.76 | 17.81% | 14.78% |

# SERVICE LINE PERFORMANCE AND DISTANCE ANALYSIS

Face a demanding and dynamic future using **ChimeMaps.**



L SURGERY Market Share by Zip Code

Zip Code: 46226
PO Name: INDIANAPOLIS
Hospital Discharges: 28
State Discharges: 158
Market Share: 17.72%
Hospital13 Market Share: 42.41%
Hospital12 Market Share: 16.46%
Hospital129 Market Share: 10.13%

**Legend**
IHA Hospital
GENERAL SURGERY Market Sh
0.56% - 7.27%
7.28% - 15.49%
15.50% - 28.74%
28.75% - 60.54%
60.55% - 100.00%

**CREATE** service area scenarios based on modeling different drive times or road distances patients might be willing to travel to access specific services.

**COMPARE** market share to peer hospitals by service line and zip code.

**LEARN** which physicians are responsible for encounters at your hospital or health system by using the detailed case list.
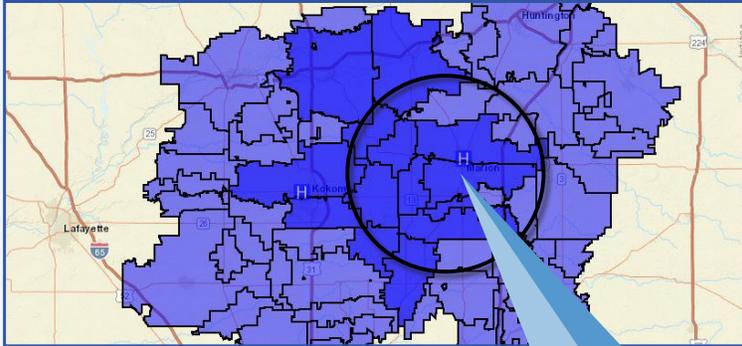
**GET** at-a-glance insight into payer segmentation, top diagnoses, and high-frequency utilizers.

**IDENTIFY** opportunities for targeted growth into new service lines or geographies, and identify specific zip codes where investment may have less return.

# MARKET ASSESSMENT FOR BUSINESS PLANNING

Be a market leader using **ChimeMaps**.



**SEE** where patients live, and understand how specific zip codes contribute to overall utilization.

**ANALYZE** areas by zip code that may be underserved or where there may be an overlap of services to determine whether the hospital should expand into certain areas.

**COMPARE** the hospital's service area to the service areas of peers to view market share in overlapping areas.

**UNDERSTAND** the market better by adding to the map layers such as geographic boundaries and other healthcare facilities such as freestanding surgery centers.

**DETERMINE** strategic approaches by leveraging population insights.

| ...arges | Hospital Dischar... | Zip Code Share ... | Market Shar... | Utilization per 1,... | Hospital | Total P... |
|---|---|---|---|---|---|---|
| | 5 | 0.1% | 0.6% | 0.5 | Hospital81 | 10,425 |
| | 4 | 0.1% | 0.2% | 0.2 | Hospital81 | 19,537 |
| | 1 | 0.0% | 0.4% | 0.3 | Hospital131 | 2,949 |
| | 2 | 0.1% | 1.4% | 0.9 | Hospital131 | 2,275 |
| | 1 | 0.0% | 0.2% | 0.1 | Hospital131 | 7,358 |
| | 12 | 0.3% | 1.2% | 1.0 | Hospital131 | 11,458 |
| | 15 | 0.4% | 1.5% | 1.3 | Hospital81 | 11,458 |
| | 14 | 0.4% | 27.5% | 23.3 | Hospital131 | 601 |
| | 32 | 0.8% | 1.8% | 1.3 | Hospital131 | 23,761 |

Hospital: Hospital81
Zip Code: 46036
PO Name: ELWOOD
Drive Time: 40 Minute(s)
Hospital Encounters: 15
State Encounters: 994

**For more information or to schedule a demonstration, please contact:**

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Data Services Coordinator
Phone: 317-423-7735
Email: dataserviceshelpdesk@IHAconnect.org

A Indiana Hospital Association/Connecticut Hospital Association Collaboration

**Indiana Hospital Association**

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