Greater Lawrence Family Health Center

By Erick Sandoval, R.N. and Estefany Frias, R.N.
Geographic Distribution

Population July 1st, 2018 → 80,376
Land Area in Square Miles → 6.93 miles
Population Per Square Mile → 11,027

(United States Census, 2018)
Age, Race and Class Distribution

Persons under 5 years of age → 7.6%

Persons under 18 years of age → 26.5%

Persons 65 years and over → 9.8%

Language other than English spoken at home 5 years and older → 77.9%

(United States Census, 2018)
Lawrence, MA poverty rate data, 2016.

Residents with income below the poverty level in 2017:
- Lawrence: 18.7%
- Whole state: 10.5%

Residents with income below 50% of the poverty level in 2017:
- Lawrence: 7.2%
- Whole state: 5.1%

Poverty rate among disabled males:
- Lawrence: 24.1%
- Massachusetts: 13.1%

Disability rate in this city among poor males (it is 27.9% among male residents who are not classified as poor):
- Lawrence: 33.5%
- Massachusetts: 31.3%

Poverty rate among disabled females:
- Lawrence: 28.4%
- Massachusetts: 18.0%

Disability rate in this city among poor females (it is 28.8% among female residents who are not classified as poor):
- Lawrence: 33.6%
- Massachusetts: 32.5%

Renting rate in this city among poor and not poor residents:
- Residents below poverty level: 89.6%
- Residents above poverty level: 60.7%

(Lawrence, MA poverty rate data, 2016).
### Languages Spoken (Top 20)

<table>
<thead>
<tr>
<th>Language</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish</td>
<td>72.9%</td>
</tr>
<tr>
<td>English</td>
<td>22.1%</td>
</tr>
<tr>
<td>French</td>
<td>0.7%</td>
</tr>
<tr>
<td>Vietnamese</td>
<td>0.7%</td>
</tr>
<tr>
<td>African languages</td>
<td>0.5%</td>
</tr>
<tr>
<td>Portuguese</td>
<td>0.4%</td>
</tr>
<tr>
<td>Urdu</td>
<td>0.8%</td>
</tr>
<tr>
<td>French Creole</td>
<td>0.3%</td>
</tr>
<tr>
<td>Arabic</td>
<td>0.2%</td>
</tr>
<tr>
<td>Native American languages</td>
<td>0.2%</td>
</tr>
<tr>
<td>Italian</td>
<td>0.2%</td>
</tr>
<tr>
<td>Lange, of India</td>
<td>0.2%</td>
</tr>
<tr>
<td>Chinese</td>
<td>0.2%</td>
</tr>
<tr>
<td>Other Asian languages</td>
<td>0.1%</td>
</tr>
<tr>
<td>Korean</td>
<td>0.1%</td>
</tr>
<tr>
<td>German/Yiddish</td>
<td>0.0%</td>
</tr>
<tr>
<td>Japanese</td>
<td>0.0%</td>
</tr>
<tr>
<td>Slavic languages</td>
<td>0.0%</td>
</tr>
<tr>
<td>West Germanic languages</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

### Race & Ethnic Diversity

<table>
<thead>
<tr>
<th>Race and Ethnic Origin</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>15.5%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>2.5%</td>
</tr>
<tr>
<td>American Indian And Alaska Native</td>
<td>0.0%</td>
</tr>
<tr>
<td>Asian</td>
<td>2.3%</td>
</tr>
<tr>
<td>Native Hawaiian And Other Pacific Islanders</td>
<td>0.0%</td>
</tr>
<tr>
<td>Other Race / Two or More Races</td>
<td>0.5%</td>
</tr>
<tr>
<td>Hispanic Or Latino (Of Any Race)</td>
<td>79.1%</td>
</tr>
</tbody>
</table>

### Census, 2018

Population estimates, July 1, 2018 (V2018) for Lawrence city, Massachusetts: 80,376

<table>
<thead>
<tr>
<th>Race and Hispanic Origin</th>
<th>Lawrence city, Massachusetts</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>White alone, percent</td>
<td>54.7%</td>
<td>80.8%</td>
</tr>
<tr>
<td>Black or African American alone</td>
<td>6.2%</td>
<td>3.9%</td>
</tr>
<tr>
<td>American Indian and Alaska Native alone</td>
<td>0.4%</td>
<td>0.5%</td>
</tr>
<tr>
<td>Asian alone, percent</td>
<td>2.3%</td>
<td>7.1%</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander alone</td>
<td>0.0%</td>
<td>0.1%</td>
</tr>
<tr>
<td>Two or More Races, percent</td>
<td>3.0%</td>
<td>2.5%</td>
</tr>
<tr>
<td>Hispanic or Latino, percent</td>
<td>79.1%</td>
<td>12.3%</td>
</tr>
<tr>
<td>White alone, not Hispanic or Latino, percent</td>
<td>15.5%</td>
<td>71.4%</td>
</tr>
</tbody>
</table>
Lawrence Needs Assessment Survey

“There is a need for recreation space for the children which usually is rented at a premium and very expensive. Most gyms are inaccessible to the neighborhood. There are a large number of children who don’t do physical activities.”

-Focus group participant

“In the bodegas, they sell fried chicken; there aren’t healthy options in the bodegas.”

-Focus group participant

Figure 34
Percent of Adults who do not Consume Five Servings of Fruits and Vegetables by State and Community Health Network Area, 2011-2013

<table>
<thead>
<tr>
<th></th>
<th>MA</th>
<th>CHNA 11</th>
<th>CHNA 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>19</td>
<td>13</td>
<td>20</td>
</tr>
</tbody>
</table>

Figure 35
Percent of Adults Lacking Daily Exercise by State and Community Health Network Area, 2011-2013

<table>
<thead>
<tr>
<th></th>
<th>MA</th>
<th>CHNA 11</th>
<th>CHNA 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>22</td>
<td>27</td>
<td>20</td>
</tr>
</tbody>
</table>

Data source: Massachusetts Department of Public Health, Behavioral Risk Factor Surveillance Survey Data

(Lawrence General Hospital, 2016)
“The majority [of children] are staying home, not going outside because it is unsafe outside.”

-Focus group participant

Figure 23
Violent Crime Offenses Known to Law Enforcement per 100,000 Population by State and Service Area, 2011 and 2014

<table>
<thead>
<tr>
<th></th>
<th>MA</th>
<th>Primary Service Area</th>
<th>Secondary Service Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andover</td>
<td>428</td>
<td>42</td>
<td>46</td>
</tr>
<tr>
<td>Lawrence</td>
<td>994</td>
<td>994</td>
<td>1,094</td>
</tr>
<tr>
<td>Methuen</td>
<td>183</td>
<td>163</td>
<td>27</td>
</tr>
<tr>
<td>North Andover</td>
<td>32</td>
<td>27</td>
<td>13</td>
</tr>
<tr>
<td>Boxford</td>
<td>12</td>
<td>97</td>
<td>591</td>
</tr>
<tr>
<td>Georgetown</td>
<td>12</td>
<td>12</td>
<td>697</td>
</tr>
<tr>
<td>Haverhill</td>
<td>12</td>
<td>12</td>
<td>697</td>
</tr>
</tbody>
</table>

(Lawrence General Hospital, 2016)
“Lawrence has a high level of volunteerism; its strength is the people. The people support each other are connected and willing to help the community. Overall Lawrence is a strong community.”

—Interviewee

“I appreciate the friendliness that is part of the bigger picture. I’ve lived in other places with racial diversity that didn’t have the cohesiveness that I do see here.”

—Focus group participant

“Families are large and interconnected. Those networks are important.”

—Focus group participant

“Faith is the largest net here. Most people belong, even tangentially, to a church.”

—Focus group participant

(Lawrence General Hospital, 2016)
Resources in the Community

- Soup kitchens
  - Lazarus House
- Farmers markets
  - Hosted from July-October
  - 3x a week
- Senior Center
  - Low cost GED classes
  - Activities
- Transitional housing for victims of DV/IPV
- House of Mercy
Provides primary and preventive care, as well as mental health, substance abuse and other community-based services to anyone in need regardless of their insurance status or ability to pay.

Is the second largest Federally-Qualified Health Center in Massachusetts

Serves 60,000+ patients from the Merrimack Valley

Has 6 clinical sites in Lawrence and Methuen
Programs Offered

- Accountable Care Organization (ACO) → My Care Family (Mi Familia de Cuidadores)
  - ACOs are groups of doctors, hospitals, and other health care providers, who come together voluntarily to give coordinated high-quality care to their patients.
  - GLFHC has partnered with Lawrence General Hospital and AllWays Health Partners
Community based program at 100 Water Street

- Community health workers staff this location
- Confidential, free testing for STDs, HIV, and Viral Hepatitis is offered
- **Syringe Service Program (SSP):** Based on a harm-reduction model, this program offers products designed to keep clients as healthy as possible while dealing with substance abuse issues.
Exploring Interprofessional Teams of Care

- The variety of different scopes of practice offered at GLFHC include: MD’s, FNP’s, PA’s, ANP’s, DO’s and more!
- Very close interprofessional relationships
- Offered at a variety of locations!
Health Advocacy

- National Alliance for Hispanic Health
- National Latino Behavioral Health Association (NLBHA)
National Alliance for Hispanic Health

- **Mission**: to close the gaps in three key areas:
  1. Research, services, and policy
  2. Scientific discovery and benefit for the individual
  3. Community services and medical practice

- **Areas of Advocacy**:
  - Education
  - Health Education

- **Successes**:
  - $2.375 million in Scholarships to 175 students over five years
National Latino Behavioral Health Association (NLBHA)

- **Mission:** is to influence national behavioral health policy, eliminate disparities in funding and access to services, and improve the quality of services and treatment outcomes for Latino populations.

- **Areas of Advocacy:**
  - Health Policy
  - Education
  - Research
  - Treatment

- **Successes:** Research has identified some of the barriers Hispanics may have with respect to seeking treatment.

- **Challenges:** Translating research findings into clinical practice
Service/Experiential Learning

- Met with professionals from various fields (clinical manager, interpreter, case managers)
- Surveyed patients regarding their experiences in receiving care
- Shadowed an FNP, LPN, and MA
- Participated in team exercises at The House of Mercy
- Had lunch at Lazarus House (soup kitchen)
Service/Experiential Learning cont.
Acknowledgements

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Mara Reyes, HIV Services

Lucy Thanos, RN
References

Accountable Care Organizations. (2019, October 2). Retrieved from https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/ACO/.


