2021 Comprehensive Plan Tracking
Objective:

The Comprehensive Plan describes our community’s vision for the future. The purpose of tracking data is to check our status and verify we’re on the right route.

Goal 6.2 Improve Public Transit: Maintain, improve, and expand an accessible, safe, and efficient public transportation system.

https://bloomington.in.gov/planning/comprehensive-plan
Overview & Objective

1. **Goals → Policies**
2. **Programs**
3. **Outcomes:** If we’re moving toward our goals, we should see these outcomes.
4. **Indicators:** Data to measure if we’re achieving the desired outcomes.

https://bloomington.in.gov/planning/comprehensive-plan
Overview & Objective

Overview:

6 Chapters
+ Land Use
37 Goals
145 Indicators

https://bloomington.in.gov/planning/comprehensive-plan
Introductions

Beth Rosenbarger, AICP
Planning Services Manager

Keegan Gulick
Zoning & Long Range Planner

Amir Farshchi
Long Range Planner

Mallory Rickbeil
Bicycle and Pedestrian Coordinator
1. 1.2.3- Healthcare Shortage Areas
2. 1.4.2- Percentage of eligible residents voting in local elections
3. 1.5.1- Percentage of residential and nonresidential users with access to Internet download speeds of at least 100 megabyte and one gigabyte per second
4. 1.6.1- Income inequality (Gini coefficient: statistical measurement of wealth distribution among a population)
5. 1.6.2 - Household income and education levels
6. 1.6.3 - Percentage of population living below the poverty line of non-student/adult-led households
7. 1.6.4 - Percentage of 65+ population living below the poverty line, as compared to similar Midwestern college towns
8. 1.7.1- High school graduation rates
9. 1.7.4 - Employment/unemployment rates by sector
10. 1.10.1 - Real per capita personal income
11. 1.10.2 – Number of jobs per worker
12. 2.5.1 - Number of cases investigated and resolved through municipal anti-discrimination laws
13. 3.1.1- Changed policies and programs that encompass new green building codes
14. 3.3.1- Parks and green space area
15. 3.3.3- Percentage of Tree Canopy Coverage
16. 3.5.1- Collect water loss data from City of Bloomington Utilities Department
17. 3.5.2- Gallons of drinking water per household account
18. **3.7.5- Food Desert Inventory**

19. **3.8.2 Tracking greenhouse gas emissions indicate that our community is emitting fewer greenhouse gases over time**

20. **5.2.6- Number of jobs accessible within a 45-minute transit commute**

21. **6.1.3- Citywide Vehicle Miles Traveled**

22. **6.2.1- Number of fatalities and incapacitating injuries**

23. **6.2.2- Crash rates for people walking and bicycling (total number)**

24. **6.2.3- Motor vehicle crash rates**

25. **6.2.4- Average pavement condition index by street typology**
Bloomington/ Monroe County HPSAs

Bloomington/ Monroe County is considered a Healthcare Professional Shortage Area (HPSA) for Mental Health, but not for Primary Care or Dental Care

Key:
- Mental Health HPSA

Date: 2019
Source: data.hpsa.gov/maps
1.4.2 - Percentage of eligible residents voting in local elections

Local Primary and General Elections

In the 2015 and 2019 local elections, 90% of registered voters did not vote.

Key:

- % registered voters who voted
- % registered voters who did not vote

Date: 2015 and 2019
Source: Monroe County Election Central
1.5.1 - Percentage of residential and nonresidential users with access to Internet download speeds of at least 100 megabyte and one gigabyte per second

% of households with a computer but no internet subscription

Access and Service Connections vary throughout Bloomington/ Monroe County

- < 4%
- < 12%
- < 20%
- < 31%

Source: American Community Survey 2019
The Gini Index is a summary measure of income inequality. The Gini coefficient ranges from 0, indicating perfect equality (where everyone receives an equal share), to 1, perfect inequality (where only one recipient or group of recipients receives all the income).

Source: American Community Survey 2019
### Median Earnings in the Past 12 Months by Education Level (In Thousands of Dollars)

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Median Earnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than high school graduate</td>
<td>$16.8</td>
</tr>
<tr>
<td>High school graduate (includes equivalency)</td>
<td>$29.7</td>
</tr>
<tr>
<td>Some college or associate's degree</td>
<td>$32.3</td>
</tr>
<tr>
<td>Bachelor's degree</td>
<td>$40.0</td>
</tr>
<tr>
<td>Graduate or professional degree</td>
<td>$55.9</td>
</tr>
</tbody>
</table>

Source: American Community Survey 2019
In 2019, the US poverty rate was 10.5%.

Areas shown in green on the map are at or below the overall US poverty rate.

Source: American Community Survey 2019
1.6.3 - Percentage of population living below the poverty line of non-student/adult-led households

Percent of people who are 25+ and who are in poverty

- 5.6%
- 5.7 – 10.5%
- 10.6 - 35%
- 35.1 - 60%
- 60–80%

In 2019, the US poverty rate was 10.5%.

Areas shown in green on the map are at or below the overall US poverty rate.

Source: American Community Survey 2019
1.6.4 - Percentage of 65+ population living below the poverty line, as compared to similar Midwestern college towns

Percent of people who are 65+ and who are in poverty

- 5.6%
- 5.7 - 10.5%
- 10.6 - 35%
- 35.1 - 60%
- 60-80%

In 2019, the US poverty rate was 10.5%. For people over 65, the national poverty rate was 8.9%.

Areas shown in green on the map are at or below the overall US poverty rate.

Source: American Community Survey 2019
### 1.6.4 - Percentage of population living below the poverty line, as compared to similar Midwestern college towns

<table>
<thead>
<tr>
<th>County University</th>
<th>Poverty Rate – All Ages</th>
<th>Poverty Rate excluding Rate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monroe County Indiana University</td>
<td>25%</td>
<td>14.9%</td>
</tr>
<tr>
<td>Washtenaw County, MI University of Michigan</td>
<td>15.2%</td>
<td>10.2%</td>
</tr>
<tr>
<td>Tippecanoe County Purdue University</td>
<td>21.8%</td>
<td>14.7%</td>
</tr>
<tr>
<td>Johnson County, IA University of Iowa</td>
<td>17.9%</td>
<td>9.3%</td>
</tr>
<tr>
<td>Story County, IA Iowa State</td>
<td>22.3%</td>
<td>8.3%</td>
</tr>
</tbody>
</table>

Source: Census 2012-2016
1.7.1- High school graduation rate

2020 Graduation Rate - MCCSC
—Overall Graduation Rate (86%)

86.6%  
Female

85.0%  
Male

Source: Indiana Department of Education (https://inview.doe.in.gov/)
1.7.1- High school graduation rate

2020 Graduation Rate- MCCSC

- Overall Graduation Rate (86%)

<table>
<thead>
<tr>
<th>Category</th>
<th>Graduation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic/Latino(a)</td>
<td>95.7%</td>
</tr>
<tr>
<td>Asian</td>
<td>91.3%</td>
</tr>
<tr>
<td>Black</td>
<td>82.8%</td>
</tr>
<tr>
<td>Multiracial</td>
<td>88.3%</td>
</tr>
<tr>
<td>White</td>
<td>86.3%</td>
</tr>
</tbody>
</table>

Source: Indiana Department of Education (https://inview.doe.in.gov/)
1.7.1- High school graduation rate

2020 Graduation Rate - MCCSC

- Overall Graduation Rate (86%)

Paid Meals: 91.7%
Free/Reduced Price Meals: 79.9%

Source: Indiana Department of Education (https://inview.doe.in.gov/)
1.7.1- High school graduation rate

2020 Graduation Rate- MCCSC

General Education: 87.4%
Special Education: 84.8%

Source: Indiana Department of Education (https://inview.doe.in.gov/)
1.7.4 - Employment/unemployment rates by sector

Bloomington Unemployment Rate

Source: Bureau of Labor Statistics
1.7.4 Employment/unemployment rates by sector

Total Nonfarm Employment

Source: Bureau of Labor Statistics
1.7.4 Employment/unemployment rates by sector

**Trade, Transportation, and Utilities**

**Education and Health Services**

Source: Bureau of Labor Statistics
1.7.4 Employment/unemployment rates by sector

Leisure and Hospitality

Manufacturing

Source: Bureau of Labor Statistics
1.10.1- Real per capita personal income

Real per capita personal income

The Bloomington MSA and West Lafayette MSA have the lowest real per capita income compared with Champaign, IL MSA; Ann Arbor, MI MSA; and the US.

Date: 2009-2019
Source: Bureau of Economic Analysis
apps.bea.gov/iTable/index_regional.cfm
1.10.2 – Number of jobs per worker

Source: EP Office of Community Revitalization
2.5.1 - Number of cases investigated and resolved through municipal anti-discrimination laws

<table>
<thead>
<tr>
<th>Types of cases involving allegations of discrimination (2010- present)</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Race</td>
<td>16</td>
</tr>
<tr>
<td>Disability</td>
<td>12</td>
</tr>
<tr>
<td>Sex</td>
<td>6</td>
</tr>
<tr>
<td>Sexual Orientation</td>
<td>3</td>
</tr>
<tr>
<td>Race + National Origin</td>
<td>2</td>
</tr>
<tr>
<td>Race + Disability</td>
<td>2</td>
</tr>
<tr>
<td>Gender Identity</td>
<td>2</td>
</tr>
<tr>
<td>Race + Sexual Orientation...</td>
<td>1</td>
</tr>
<tr>
<td>Race + Sex + National Origin</td>
<td>1</td>
</tr>
<tr>
<td>Disability + Pregnancy</td>
<td>1</td>
</tr>
<tr>
<td>Familial Status</td>
<td>1</td>
</tr>
<tr>
<td>National Origin</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: City of Bloomington Human Rights Commission
2.5.1 - Number of cases investigated and resolved through municipal anti-discrimination laws

Sector which allegations of discrimination occurred (2010- present)

- Employment: 29 cases
- Public Accommodation: 11 cases
- Housing: 8 cases
- Employment + Public Accommodation: 1 case

Source: City of Bloomington Human Rights Commission
3.1.1- Changed policies and programs that encompass new green building codes

The 2007 UDO only had sustainability incentives for the subdivision of land.

Subdivisions that could meet certain criteria described in the chapter could receive reduced lot sizes and reduced setbacks.
3.1.1- Changed policies and programs that encompass new green building codes

The 2020 UDO allows for developments that incorporate green building practices to have increased height and reduced bulk requirements.

These green building practices include:
- LEED Certification
- Storm water Drainage
- Solar Energy
- Building Efficiency
- Cool or Vegetated Roof
3.3.1- Parks and green space area

Total Parks Area:
2,298.2 Acres

Source: City of Bloomington
3.3.3- Percentage of Tree Canopy Coverage

38% tree canopy coverage
34% impervious surface
24% pervious surface
3% bare soil
<1% open water

Date: 2019
Source: Urban Tree Canopy Assessment Report
“One goal would be to create new tree canopy where densities of the citizen population are highest and tree canopy coverage is lowest. Equity of the tree canopy utilizing socio-demographic and economic data is often part of developing a master urban forest plan for the community.”

Date: 2019
Source: Urban Tree Canopy Assessment Report
3.5.1- Collect water loss data from City of Bloomington Utilities Department

Total Volume of Water Loss per Year - 2016-2020
City of Bloomington

<table>
<thead>
<tr>
<th>Year</th>
<th>Billion Gallons of Water Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>1.06</td>
</tr>
<tr>
<td>2017</td>
<td>1.26</td>
</tr>
<tr>
<td>2018</td>
<td>0.99</td>
</tr>
<tr>
<td>2019</td>
<td>1.18</td>
</tr>
<tr>
<td>2020</td>
<td>1.33</td>
</tr>
</tbody>
</table>

Source: City of Bloomington Utilities Department

The Volume of Lake Griffy (approx 0.42 Billion Gallons)
3.5.1- Collect water loss data from City of Bloomington Utilities Department

Gallons of Water Loss per Minute per Year - 2016-2020
City of Bloomington

<table>
<thead>
<tr>
<th>Year</th>
<th>Gallons Lost per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>2,023</td>
</tr>
<tr>
<td>2017</td>
<td>2,405</td>
</tr>
<tr>
<td>2018</td>
<td>1,881</td>
</tr>
<tr>
<td>2019</td>
<td>2,244</td>
</tr>
<tr>
<td>2020</td>
<td>2,535</td>
</tr>
</tbody>
</table>

Source: City of Bloomington Utilities Department
3.5.2- Gallons of drinking water per household account

Total Gallons of Drinking Water per Capita per Day

- Single-Family Residential
- Multi-Family Residential

<table>
<thead>
<tr>
<th>Year</th>
<th>Single-Family Residential</th>
<th>Multi-Family Residential</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>56</td>
<td>45</td>
</tr>
<tr>
<td>2017</td>
<td>55</td>
<td>49</td>
</tr>
<tr>
<td>2018</td>
<td>54</td>
<td>44</td>
</tr>
<tr>
<td>2019</td>
<td>51</td>
<td>42</td>
</tr>
<tr>
<td>2020</td>
<td>48</td>
<td>35</td>
</tr>
</tbody>
</table>

Source: City of Bloomington Utilities Department
3.7.5- Food Desert Inventory

Low Income and Low Access Areas without Vehicles

Several census tracts show a disproportionately high number of households (without vehicles) that are < ½ mile from a supermarket

Key:

- Limited access/ limited income households without vehicle

Date: 2019
Source: ers.usda.gov/maps
3.8.2 Tracking greenhouse gas emissions indicate that our community is emitting fewer greenhouse gases over time.

Source: City Climate Action Plan, 2021
5.2.6- Number of jobs accessible within a 45-minute transit commute

There are less areas and less jobs available within a 45-minute transit commute as compared to a 45-minute motor vehicle commute.

Source: EPA Office of Community Revitalization
# of jobs accessible within a 45-minute motor vehicle commute

There are less areas and less jobs available within a 45-minute transit commute as compared to a 45-minute motor vehicle commute.

Source: EPA Office of Community Revitalization
6.1.3 - Citywide Vehicle Miles Traveled

Daily Vehicle 1,000 Miles Traveled - All Vehicles

<table>
<thead>
<tr>
<th>Year</th>
<th>Miles Traveled</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>765</td>
</tr>
<tr>
<td>2016</td>
<td>784</td>
</tr>
<tr>
<td>2017</td>
<td>803</td>
</tr>
<tr>
<td>2018</td>
<td>803</td>
</tr>
<tr>
<td>2019</td>
<td>1,079</td>
</tr>
<tr>
<td>2020</td>
<td>778</td>
</tr>
</tbody>
</table>

Source: https://secure.in.gov/indot/2469.htm
6.2.1- Number of fatalities and incapacitating injuries

Total Number of Motor Vehicle Crash Fatalities per Year

6.2.1- Number of fatalities and incapacitating injuries

Total Number of Motor Vehicle Crash Injuries per Year

6.2.2- Crash rates for people walking and bicycling (total number)

<table>
<thead>
<tr>
<th>Year</th>
<th>People Bicycling</th>
<th>People Walking</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>51</td>
<td>64</td>
</tr>
<tr>
<td>2011</td>
<td>41</td>
<td>76</td>
</tr>
<tr>
<td>2012</td>
<td>66</td>
<td>62</td>
</tr>
<tr>
<td>2013</td>
<td>46</td>
<td>53</td>
</tr>
<tr>
<td>2014</td>
<td>56</td>
<td>68</td>
</tr>
<tr>
<td>2015</td>
<td>36</td>
<td>70</td>
</tr>
</tbody>
</table>

Source: ARIES/BMCMPO (2010-2016) Monroe County
6.2.3- Motor vehicle crash rates

Total Number of Motor Vehicle Crashes

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>3,059</td>
</tr>
<tr>
<td>2014</td>
<td>3,209</td>
</tr>
<tr>
<td>2015</td>
<td>3,765</td>
</tr>
<tr>
<td>2016</td>
<td>3,790</td>
</tr>
<tr>
<td>2017</td>
<td>3,715</td>
</tr>
<tr>
<td>2018</td>
<td>3,654</td>
</tr>
<tr>
<td>2019</td>
<td>3,134</td>
</tr>
</tbody>
</table>

Neighborhood Residential Streets account for nearly 60% of city street miles.

Date: 2019
Source: Public Works Pavement Index
1.2.3 – Healthcare professional shortage areas (severity of clinician shortage)
1.4.2 – % of eligible residents voting in local elections
1.5.1. – % of residential and nonresidential users with access to Internet download speeds of at least 100 megabyte and one gigabyte per second
1.6.1- Income inequality (Gini coefficient: statistical measurement of wealth distribution among a population)
1.7.1- High school graduation rate by sex/gender and General Education and Special Education Classification
1.7.4- Employment/ unemployment rates by sector
1.10.1- Real per capital personal income
1.10.2- Jobs per worker (number of jobs per person in the workforce)
3.3.1- Parks and green space area
3.5.1- Collect water loss data from City of Bloomington Utilities Department--Per Minute
3.5.2- Gallons of drinking water per household account
3.7.5- Food desert inventory
6.2.3- Motor vehicle crash rates
6.2.4- Average pavement condition index by road typology
Sources

- Monroe County Election Central
- American Community Survey 2019
- data.hpsa.gov/maps
- Indiana Department of Education
- Bureau of Labor Statistics
- Bureau of Economic Analysis
- EP Office of Community Revitalization
- City of Bloomington Human Rights Commission
- Urban Tree Canopy Assessment Report
- City of Bloomington Utilities Department
- ers.usda.gov/maps
- City Climate Action Plan, 2021
- EPA Office of Community Revitalization
- https://secure.in.gov/indot/2469.htm
- ARIES/BMCMPO (2013-2019)- Monroe County
- 2018 Comprehensive Plan of the City
Thank You!

We will continue to track the indicators of the Comprehensive Plan

https://bloomington.in.gov/planning/comprehensive-plan

Questions?