



INDIANA
RURAL HEALTH TRANSFORMATION

Rural Health Regional Data Summaries



Indiana
Department
of
Health

Data Trends: Health topics of potential impact





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REGION 2

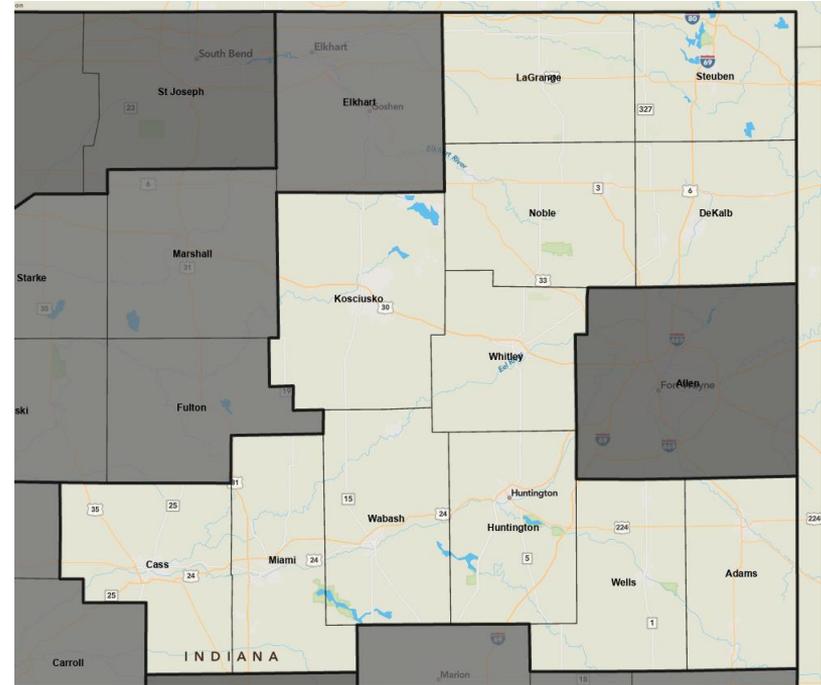


Indiana
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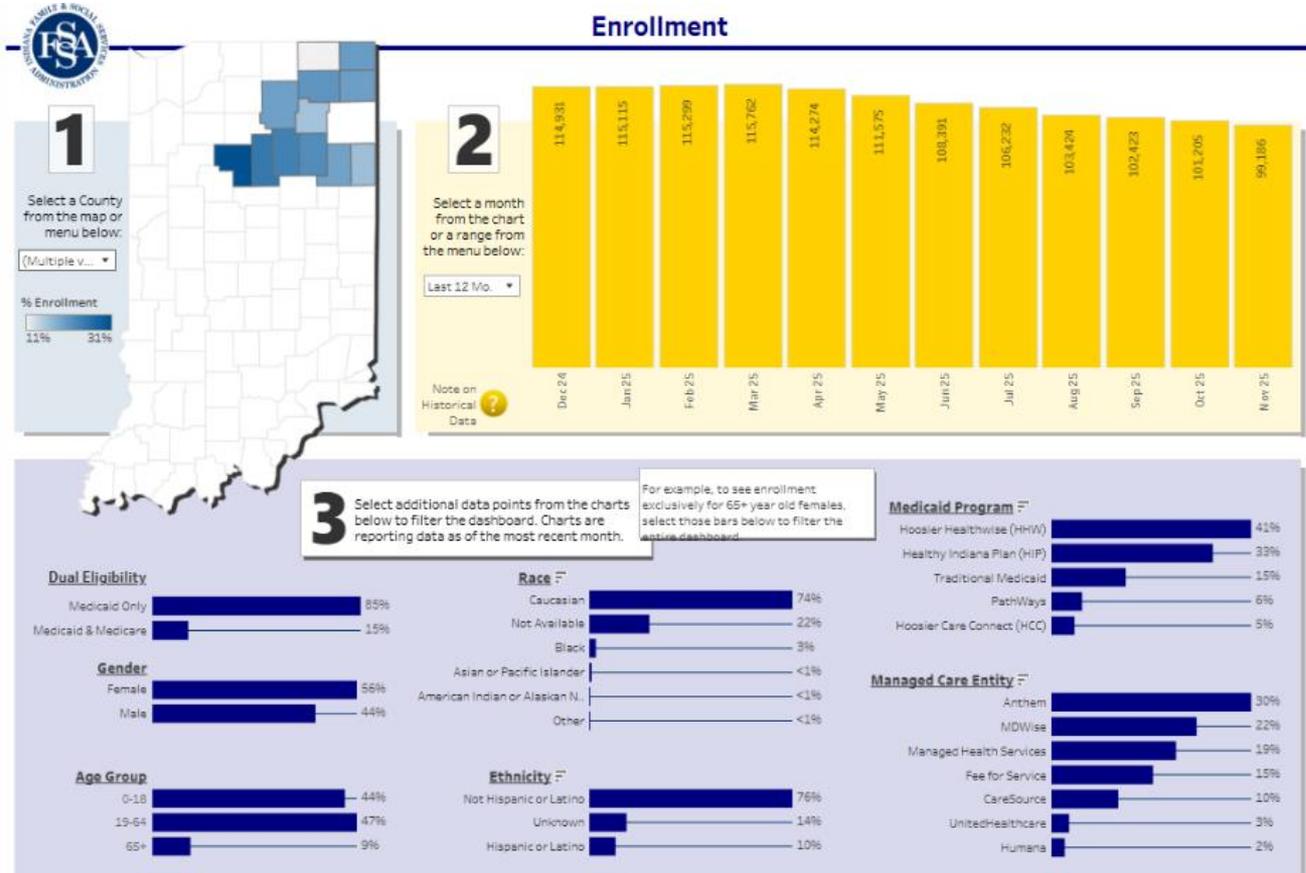
Region 2

This region includes the following **fully rural** or **partially rural*** designated counties:

- LaGrange
- Steuben
- DeKalb
- Noble
- Kosciusko
- Cass
- Miami
- Wabash
- Huntington
- Whitley*
- Wells
- Adams



Medicaid Patient Enrollment Profile



Chronic Disease & Primary Care

Health topic: **Obesity**

Metric: **Prevalence (adults)**

Source: **Centers for Disease Control and Prevention (CDC) Places and Behavioral Risk Factor Surveillance System (BRFSS)**



Chronic Disease & Primary Care

Obesity Prevalence Among Adults

Table 1. Obesity Prevalence by County, 2020-2022			
County	2020	2021	2022
ADAMS	41.7%	39.5%	40.0%
CASS	40.3%	40.0%	40.3%
DEKALB	38.4%	40.3%	41.6%
HUNTINGTON	39.1%	37.9%	39.0%
KOSCIUSKO	36.9%	36.9%	39.5%
LAGRANGE	36.6%	35.7%	42.1%
MIAMI	39.2%	37.9%	42.1%
NOBLE	36.6%	40.3%	36.5%
STEU BEN	38.9%	40.0%	34.1%
WABASH	40.3%	39.5%	36.9%
WELLS	36.5%	37.7%	40.7%
WHITLEY (PR)	36.6%	36.7%	34.6%
Regional Average	38.3%	38.5%	39.0%
Statewide Rate	37.0%	36.0%	38.0%

Data Source: CDC Places. Statewide rates to compare against regional and county rates was sourced from BRFSS data. PR = partially rural. Rates are age-adjusted.

Key takeaways: Rates are increasing for this region but not for the state. LaGrange and Miami saw increases in 2021-2022. Steuben saw a drop in 2021-2022.

Chronic Disease & Primary Care

Health topic: **Diabetes (Type-1 and Type-2)**

Metric: **Prevalence (five-year pooled), death rate (age-adjusted), and non-fatal emergency department (ED) visit rate (age-adjusted)**

Source: **Regenstrief Institute, Indiana Department of Health (IDOH) Vital Records, and Indiana Hospital Association (IHA) Hospital Discharge Datasets**



Chronic Disease & Primary Care

Diabetes Type-1 Prevalence Estimates

Table 2. Type-1 Diabetes Prevalence by County, 2020-2024	
County	2020-2024
ADAMS	0.3%
CASS	0.5%
DEKALB	0.3%
HUNTINGTON	0.5%
KOSCIUSKO	0.3%
LAGRANGE	0.3%
MIAMI	0.6%
NOBLE	0.2%
STEU BEN	0.4%
WABASH	0.4%
WELLS	0.3%
WHITLEY (PR)	0.4%
Regional Rate	0.4%
Statewide Rate	0.5%
<small>Data Source: July 1, 2019 - June 30, 2024, INPC Data pulled from Diabetes Prevalence Estimates for Indiana Counties document prepared by Regenstrief Institute. Source is same for state and county. PR = partially rural.</small>	

Key takeaways: Rates are low for Adams, DeKalb, Kosciusko, LaGrange, Noble, and Wells compared to the region. Rates are high for Miami compared to the region.



Chronic Disease & Primary Care

Diabetes Type-2 Prevalence Estimates

Table 3. Type-2 Diabetes Prevalence by County, 2020-2024	
County	2020-2024
ADAMS	4.0%
CASS	11.8%
DEKALB	5.0%
HUNTINGTON	5.9%
KOSCIUSKO	5.5%
LAGRANGE	6.1%
MIAMI	15.2%
NOBLE	5.7%
STEU BEN	7.9%
WABASH	11.2%
WELLS	4.1%
WHITLEY (PR)	5.3%
Regional Rate	7.4%
Statewide Rate	11.2%
<i>Data Source: July 1, 2019 - June 30, 2024, INPC Data pulled from Diabetes Prevalence Estimates for Indiana Counties document prepared by Regenstrief Institute. Source is same for state and county. PR = partially rural.</i>	

Key takeaways: Rates are low for Adams, DeKalb, Kosciusko, Wells, and Whitley compared to the region. Rates are high for Cass, Miami, and Wabash compared to the region. Rates for this region are low for Indiana.



Chronic Disease & Primary Care

Diabetes-Related Deaths, All Types

Table 4. Age-Adjusted Diabetes-Related Death Rates per 100,000 by County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	54.6*	48.2*	41.4*	72.2	59.5
CASS	50.7	51.3*	67.8	47.4*	28.3*
DEKALB	44.7*	49.5*	38.8*	46.5	37.8*
HUNTINGTON	42.3*	29.5*	25.8*	29.7*	59.7
KOSCIUSKO	58.9	40.1	35.7	46.1	71.3
LAGRANGE	35.9*	36.7*	48.5*	24.7*	33.2*
MIAMI	54.0*	59.7	80.3	40.3*	42.3*
NOBLE	57.8	47.5	39.4*	44.9	44.7*
STEBEN	43.9*	42.6*	33.9*	23.5*	21.2*
WABASH	88.7	88.4	54.0	65.0	78.4
WELLS	40.0*	24.0*	35.9*	56.7*	42.7*
WHITLEY (PR)	34.4*	57.3	37.5*	59.9	41.6*
Regional Rate	51.2	47.2	44.5	46.4	49.5
Statewide Rate	40.9	42.0	40.0	36.5	34.4

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20). Rates are age-adjusted.*

Key takeaways: Rates are high for Wabash compared to the region. Wabash saw a drop in 2021-2022.



Chronic Disease & Primary Care

Diabetes-Related ED Visits, All Types

Table 5. Age-Adjusted Diabetes-Related ED Visit Rates per 100,000 by County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	209.2	339.3	273.1	216.9	193.9
CASS	388.9	351.5	441.3	480.1	596.8
DEKALB	347.4	374.2	346.7	375.2	426.0
HUNTINGTON	317.3	404.8	440.1	455.4	471.0
KOSCIUSKO	274.7	277.0	330.9	324.0	366.7
LAGRANGE	163.8	147.7	205.5	204.0	232.1
MIAMI	452.7	521.4	428.6	493.2	404.6
NOBLE	325.0	386.6	475.3	429.9	423.8
STEBEN	555.9	375.3	444.1	363.1	367.9
WABASH	487.3	446.8	455.5	805.6	700.0
WELLS	254.2	296.4	316.6	287.2	380.3
WHITLEY (PR)	342.2	391.7	317.7	320.4	359.6
Regional Rate	338.9	353.4	372.3	388.6	149.1
Statewide Rate	344.1	364.1	365.3	401.7	406.9

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. Rates are age-adjusted.

Key takeaways: Rates are low for LaGrange compared to the region. Rates are high for Cass, Miami, and Wabash compared to the region. Adams saw an increase in 2020-2021. Steuben saw a drop in 2020-2021. Wabash saw an increase in 2022-2023. Cass saw an increase in 2023-2024.

Chronic Disease & Primary Care

Health topic: **Hypertension**

Metric: **Prevalence estimates, death rate (age-adjusted), and non-fatal ED visit rate (age-adjusted)**

Source: **Regenstrief Institute, IDOH Vital Records, and IHA Hospital Discharge Datasets**



Chronic Disease & Primary Care

Hypertension Prevalence Estimates

Table 6. Hypertension Prevalence by County, 2020-2024	
County	2020-2024
ADAMS	16.4%
CASS	34.4%
DEKALB	8.7%
HUNTINGTON	13.7%
KOSCIUSKO	21.5%
LAGRANGE	14.0%
MIAMI	54.1%
NOBLE	11.2%
STEU BEN	10.5%
WABASH	28.8%
WELLS	17.1%
WHITLEY (PR)	9.9%
Regional Rate	20.2%
Statewide Rate	47.5%
<small>Data Source: 2020-2024 INPC Data pulled from IDOH Health First Hypertension Report prepared by Regenstrief Institute. Source is same for state and county. PR = partially rural.</small>	

Key takeaways: Rates are low for DeKalb, Huntington, LaGrange, Noble, Steuben, and Whitley compared to the region. Rates are high for Cass, Miami, and Wabash compared to the region. Rates for this region are low for Indiana.



Chronic Disease & Primary Care

Hypertension-Related Deaths

Table 7. Age-Adjusted Hypertension-Related Death Rates per 100,000 by County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	23.6*	42.8*	43.0*	60.0	69.9
CASS	29.1*	36.6*	42.2*	57.0	37.1*
DEKALB	23.7*	44.9*	33.9*	32.1*	40.5*
HUNTINGTON	36.5*	36.0*	35.5*	34.1*	40.9*
KOSCIUSKO	39.7	35.0	30.2	27.4	34.5
LAGRANGE	32.7*	29.5*	19.3*	32.0*	58.0*
MIAMI	37.0*	89.1	65.9	51.2*	87.5
NOBLE	46.7*	19.4*	43.7*	35.2*	25.2*
STEBEN	15.1*	11.8*	19.7*	23.1*	37.6*
WABASH	33.0*	35.8*	39.3*	56.7	39.8*
WELLS	12.4*	27.3*	21.0*	32.0*	43.5*
WHITLEY (PR)	59.9	18.6*	30.4*	47.0*	45.8*
Regional Rate	33.2	35.2	35.0	39.7	44.7
Statewide Rate	39.1	42.5	43.2	44.8	42.9

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20). Rates are age-adjusted.*

Key takeaways: Rates are increasing for this region but not for the state. Miami saw a drop in 2021-2022.



Chronic Disease & Primary Care

Hypertension-Related ED Visits

Table 8. Age-Adjusted Hypertension-Related ED Visit Rates per 100,000 by County, 2020-2024

County	2020	2021	2022	2023	2024
ADAMS	376.0	409.4	482.0	412.7	439.8
CASS	541.4	593.0	779.8	880.9	831.0
DEKALB	436.7	411.1	491.7	567.5	616.3
HUNTINGTON	529.1	601.1	578.1	550.5	624.5
KOSCIUSKO	403.4	439.0	533.7	511.8	493.6
LAGRANGE	337.7	466.9	407.5	470.0	425.1
MIAMI	533.2	402.4	583.5	578.7	558.0
NOBLE	399.1	483.6	470.5	597.7	667.9
STEU BEN	550.8	452.4	565.3	620.6	711.7
WABASH	607.1	725.2	659.1	748.6	735.7
WELLS	395.2	482.5	524.7	585.6	551.4
WHITLEY (PR)	380.6	462.3	443.7	568.0	607.2
Regional Rate	454.6	487.8	543.6	587.2	597.4
Statewide Rate	528.5	590.1	634.8	704.1	654.9

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. Rates are age-adjusted.

Key takeaways: Rates are high for Cass compared to the region. Rates are increasing for this region but not for the state. Cass and Miami saw increases in 2021-2022.

Chronic Disease & Primary Care

Health topic: **Heart Disease**

Metric: **Death rate (age-adjusted)** and **non-fatal ED visit rate (age-adjusted)**

Source: **IDOH Vital Records** and **IHA Hospital Discharge dataset**



Chronic Disease & Primary Care

Heart Disease-Related Deaths

Table 9. Age-Adjusted Heart Disease-Related Death Rates per 100,000 by County, 2020-2024

County	2020	2021	2022	2023	2024
ADAMS	212.0	190.6	166.0	173.8	205.6
CASS	197.9	314.2	276.0	297.8	267.1
DEKALB	240.7	234.8	224.3	222.5	245.7
HUNTINGTON	267.5	231.4	265.1	231.5	202.8
KOSCIUSKO	257.5	239.2	239.1	214.5	235.0
LAGRANGE	209.9	206.1	241.7	223.0	194.3
MIAMI	269.5	297.4	245.6	286.2	318.6
NOBLE	301.1	259.7	287.8	271.2	247.4
STEU BEN	256.2	196.6	264.3	305.8	241.4
WABASH	222.3	237.2	227.1	206.2	237.0
WELLS	269.6	217.3	226.8	248.4	163.9
WHITLEY (PR)	216.4	165.0	213.1	259.9	224.4
Regional Rate	245.3	235.0	239.1	241.6	233.6
Statewide Rate	257.9	257.2	248.7	244.8	239.9

Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. Rates are age-adjusted.

Key takeaways: Cass saw an increase in 2020-2021. Steuben saw an increase in 2021-2022. Steuben and Wells saw drops in 2023-2024.



Chronic Disease & Primary Care

Heart Disease-Related ED Visits

Table 10. Age-Adjusted Heart Disease-Related ED Visits per 100,000 by County, 2020-2024

County	2020	2021	2022	2023	2024
ADAMS	745.5	778.3	846.5	800.6	781.7
CASS	846.9	1,181.1	1,169.0	1,209.2	1,107.4
DEKALB	705.3	711.6	710.2	821.8	825.2
HUNTINGTON	581.2	783.8	796.3	827.0	836.7
KOSCIUSKO	610.4	733.0	791.1	756.9	697.1
LAGRANGE	586.1	684.5	622.1	754.3	630.8
MIAMI	825.5	984.3	955.6	923.5	853.2
NOBLE	605.7	680.5	806.8	709.8	704.8
STEBEN	964.8	820.5	962.6	1,152.6	903.3
WABASH	996.5	1,003.5	977.0	1,336.0	1,067.8
WELLS	495.0	697.3	854.9	719.7	643.1
WHITLEY (PR)	572.0	665.8	741.8	729.6	713.2
Regional Rate	706.3	805.9	849.1	883.6	806.8
Statewide Rate	639.1	730.6	734.8	769.9	753.9

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. Rates are age-adjusted.

Key takeaways: Rates are high for Cass compared to the region. Cass, Huntington, and Wells saw increases in 2020-2021. Steuben and Wabash saw increases in 2022-2023. Steuben and Wabash saw drops in 2023-2024.

Chronic Disease & Primary Care

Health topic: **Stroke**

Metric: **Death rate (age-adjusted)** and **non-fatal ED visit rate (age-adjusted)**

Source: **IDOH Vital Records** and **IHA Hospital Discharge dataset**



Chronic Disease & Primary Care

Stroke-Related Deaths

Table 11. Age-Adjusted Stroke-Related Death Rates per 100,000 by County, 2020-2024

County	2020	2021	2022	2023	2024
ADAMS	80.1	62.6	38.8*	55.5	44.2*
CASS	37.4*	48.2*	48.3*	51.4	41.0*
DEKALB	77.8	76.2	63.1	49.2	67.1
HUNTINGTON	68.3	76.9	62.1	79.9	53.4
KOSCIUSKO	50.7	76.7	75.1	62.4	53.5
LAGRANGE	63.4*	37.4*	65.1*	33.8*	40.2*
MIAMI	48.1*	74.7	54.3	73.6	42.5*
NOBLE	72.1	66.5	58.8	60.6	62.7
STEBEN	47.1*	60.9	28.6*	51.4*	32.8*
WABASH	77.4	66.5	84.0	59.0	72.4
WELLS	75.7	76.3	55.2*	65.0*	74.9
WHITLEY (PR)	40.8*	48.2*	70.9	54.5	69.8
Regional Rate	60.5	65.7	59.9	58.7	54.2
Statewide Rate	57.0	59.0	56.1	56.0	55.7

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20). Rates are age-adjusted.*

Key takeaways: Kosciusko saw an increase in 2020-2021. Huntington saw a drop in 2023-2024.



Chronic Disease & Primary Care

Stroke-Related ED Visits

Table 12. Age-Adjusted Stroke-Related ED Visit Rates per 100,000 by County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	128.0	130.8	102.8	113.7	131.5
CASS	143.3	146.7	173.5	178.7	182.2
DEKALB	131.1	124.9	139.2	218.1	180.9
HUNTINGTON	133.0	111.2	140.2	145.6	150.9
KOSCIUSKO	170.8	140.8	159.5	145.1	144.2
LAGRANGE	148.2	146.0	152.7	131.5	143.4
MIAMI	186.9	179.0	124.0	129.1	128.0
NOBLE	133.8	120.3	134.0	143.6	138.0
STEBEN	155.9	142.5	175.0	167.1	174.6
WABASH	170.2	155.3	201.7	193.2	172.0
WELLS	120.0	112.7	77.4	78.0	121.4
WHITLEY (PR)	129.3	111.5	167.3	124.8	122.0
Regional Rate	148.4	135.7	147.0	149.9	149.1
Statewide Rate	88.3	94.0	100.0	103.9	106.6

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. Rates are age-adjusted.

Key takeaways: Rates are low for Wells compared to the region. Rates for this region are high for Indiana. Wabash and Whitley saw increases in 2021-2022. Miami saw a drop in 2021-2022. DeKalb saw an increase in 2022-2023. Whitley saw a drop in 2022-2023. Wells saw an increase in 2023-2024. DeKalb saw a drop in 2023-2024.



Chronic Disease & Primary Care

Health topic: **Smoking**

Metric: **Prevalence (adults)** and **Prevalence among pregnant women**

Source: **BRFSS, IDOH Vital Records**



Chronic Disease & Primary Care

Smoking Prevalence Among Adults

Table 13. Smoking Prevalence Among Adults by County, 2018-2022	
County	2018-2022
ADAMS	18.8%
CASS	20.2%
DEKALB	18.5%
HUNTINGTON	25.9%
KOSCIUSKO	18.1%
LAGRANGE	21.2%
MIAMI	23.1%
NOBLE	18.2%
STEU BEN	21.2%
WABASH	23.1%
WELLS	18.8%
WHITLEY (PR)	18.2%
Regional Rate	20.1%
Statewide Rate	17.9%
<i>Data Source: BRFSS. Source is same for state and county. PR = partially rural. Counties with insufficient data are grouped with nearby ones.</i>	

Key takeaways: No definitive trends or regional differences.



Chronic Disease & Primary Care

Smoking Prevalence Among Pregnant Women

Table 14. Smoking Prevalence Among Pregnant Women by County, 2021-2024				
County	2021	2022	2023	2024
ADAMS	4.6%	3.3%	3.6%	1.5%*
CASS	11.9%	9.8%	5.6%	4.4%
DEKALB	16.4%	12.6%	10.0%	3.2%*
HUNTINGTON	12.9%	11.8%	6.6%	6.7%
KOSCIUSKO	10.7%	8.1%	6.7%	3.8%
LAGRANGE	3.6%	2.9%	1.4%*	1.8%*
MIAMI	21.0%	16.3%	9.0%	6.2%
NOBLE	12.5%	7.0%	6.2%	5.0%
STEU BEN	16.7%	9.2%	8.5%	7.4%
WABASH	16.0%	6.8%	7.2%	9.1%
WELLS	12.6%	11.0%	7.4%	5.0%*
WHITLEY (PR)	9.8%	9.0%	5.9%	2.4%*
Regional Rate	11.4%	8.2%	6.1%	4.2%
Statewide Rate	9.0%	6.6%	5.3%	3.8%

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Rates are high for Miami and Steuben compared to the region. Rates are decreasing both for this region and for the state. Noble, Steuben, and Wabash saw drops in 2021-2022. Miami saw a drop in 2022-2023.

Maternal & Child Health

Health topic: **Infant mortality**

Metric: **Infant mortality rate (per thousand)**

Definition: **The number of infant deaths per 1,000 live births in each time period**

Source: **IDOH Vital Records**



Maternal & Child Health

Infant Mortality Rate

Table 15. Infant Mortality Rate per 1,000 by County, 2016-2024					
County	2016-2020	2017-2021	2018-2022	2019-2023	2020-2024
ADAMS	9.6	9.5	9.0	8.6	6.9
CASS	8.8	7.0*	8.6	8.3	8.1
DEKALB	5.2*	4.8*	5.1*	5.1*	6.7*
HUNTINGTON	5.8*	4.9*	6.5*	5.6*	5.6*
KOSCIUSKO	6.2	6.3	7.5	7.7	8.1
LAGRANGE	6.4	7.0	6.7	6.2	6.7
MIAMI	6.9*	6.9*	4.9*	6.0*	6.1*
NOBLE	8.3	7.9	8.5	10.1	9.2
STEBEN	3.8*	5.0*	5.6*	6.4*	5.4*
WABASH	3.8*	3.2*	6.3*	7.6*	8.2*
WELLS	2.9*	3.6*	3.6*	4.2*	3.0*
WHITLEY (PR)	7.3*	5.9*	3.8*	4.3*	4.3*
Regional Rate	6.5	6.4	6.7	7.0	6.9
Statewide Rate	7.0	6.8	6.8	6.7	6.7

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: No definitive trends or regional differences.

Maternal & Child Health

Health topic: **Low birthweight**

Metric: **Low birthweight rate**

Definition: **The percentage of babies that were born with a weight of less than 2,500 grams**

Source: **IDOH Maternal and Child Health**



Maternal & Child Health

Low Birthweight Rate

Table 16. Low Birthweight Rate by County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	6.6%	5.5%	6.7%	7.9%	9.0%
CASS	7.3%	10.9%	8.8%	7.2%	6.7%
DEKALB	8.2%	5.6%	7.8%	8.5%	8.2%
HUNTINGTON	8.5%	9.2%	8.6%	8.6%	9.7%
KOSCIUSKO	6.6%	7.6%	4.9%	7.6%	6.2%
LAGRANGE	4.5%	3.6%	2.5*	6.0%	3.5%
MIAMI	5.0%*	8.5%	8.6%	10.4%	7.3%
NOBLE	7.6%	6.7%	6.7%	6.5%	5.6%
STEBEN	4.7%*	8.8%	5.8%*	9.4%	9.0%
WABASH	6.9%	7.1%	7.1%	7.5%	7.3%
WELLS	7.5%	6.6%	7.0%	9.6%	7.6%
WHITLEY (PR)	6.4%	5.3%*	5.8%	3.5%*	6.9%
Regional Rate	6.7%	6.9%	6.3%	7.6%	6.9%
Statewide Rate	8.1%	8.4%	8.7%	8.6%	8.5%

*Data Source: Indiana Department of Health Maternal and Child Health. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Cass saw an increase in 2020-2021. DeKalb saw a drop in 2020-2021. Kosciusko saw a drop in 2021-2022. Kosciusko and Wells saw increases in 2022-2023. LaGrange and Miami saw drops in 2023-2024.

Maternal & Child Health

Health topic: **Pre-term births**

Metric: **Pre-term birth rate**

Definition: **The percentage of babies that were born at less than 37 weeks**

Source: **IDOH Maternal and Child Health**



Maternal & Child Health

Pre-Term Birth Rate

Table 17. Pre-Term Birth Rate by County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	11.6%	9.9%	8.1%	8.2%	9.9%
CASS	13.3%	11.9%	11.0%	9.9%	10.1%
DEKALB	8.9%	8.1%	8.4%	10.9%	9.3%
HUNTINGTON	12.0%	11.9%	12.0%	10.6%	8.9%
KOSCIUSKO	8.4%	10.1%	6.0%	9.8%	7.3%
LAGRANGE	6.5%	6.2%	3.8%	6.0%	4.9%
MIAMI	8.8%	11.9%	10.7%	11.4%	11.4%
NOBLE	9.6%	8.3%	6.7%	9.6%	6.4%
STEBEN	8.1%	10.2%	8.8%	14.2%	10.8%
WABASH	9.0%	12.8%	11.5%	13.8%	6.4%
WELLS	9.3%	7.9%	9.0%	11.9%	9.1%
WHITLEY (PR)	9.4%	9.5%	7.1%	7.0%	10.4%
Regional Rate	9.4%	9.6%	8.0%	9.8%	8.3%
Statewide Rate	10.4%	10.9%	10.9%	11.0%	10.9%

Data Source: Indiana Department of Health Maternal and Child Health. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for LaGrange compared to the region. Wabash saw an increase in 2020-2021. Kosciusko saw a drop in 2021-2022. Kosciusko and Steuben saw increases in 2022-2023. Wabash saw a drop in 2023-2024.

Maternal & Child Health

Health topic: **Early prenatal care**

Metric: **No Early Prenatal Care rate**

Definition: **The percentage of births to mothers that did not access prenatal care in the first trimester**

Source: **IDOH Maternal and Child Health**



Maternal & Child Health

No Early Pre-Natal Care Rate

Table 18. No Early Pre-Natal Care Rate by County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	60.4%	58.0%	60.9%	56.0%	54.8%
CASS	36.3%	29.4%	28.3%	29.8%	29.3%
DEKALB	39.5%	32.6%	31.5%	26.4%	29.8%
HUNTINGTON	28.8%	23.6%	21.9%	14.7%	17.5%
KOSCIUSKO	34.9%	40.0%	30.5%	25.8%	24.3%
LAGRANGE	55.4%	55.8%	48.1%	43.9%	35.7%
MIAMI	26.0%	25.9%	22.3%	19.1%	27.7%
NOBLE	41.8%	36.1%	33.3%	31.1%	26.8%
STEU BEN	31.8%	24.9%	23.5%	18.8%	26.9%
WABASH	27.7%	22.8%	18.9%	17.9%	26.1%
WELLS	31.0%	26.5%	25.8%	25.1%	25.9%
WHITLEY (PR)	27.3%	24.5%	27.2%	20.4%	19.7%
Regional Rate	39.2%	36.7%	33.8%	29.9%	30.0%
Statewide Rate	30.7%	28.3%	29.1%	26.6%	27.3%

Data Source: Indiana Department of Health Maternal and Child Health. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for Huntington, Miami, Steuben, Wabash, and Whitley compared to the region. Rates are high for Adams and LaGrange compared to the region. Rates are decreasing for this region but not for the state. Kosciusko saw a drop in 2021-2022. Miami, Steuben, and Wabash saw increases in 2023-2024. LaGrange saw a drop in 2023-2024.

Trauma & Injury Prevention

Health topic: **Older adult (age 65+) falls**

Metric: **Death rate from falls (65+), non-fatal hospitalization rate from falls (65+) and non-fatal ED visit rate from falls (65+)**

Source: **IDOH Vital Records and IHA Hospital Discharge dataset**



Trauma & Injury Prevention

Deaths From Falls (Age 65+)

Table 19. Falls (Age 65+), Death Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
ADAMS	67.1*	33.0*	79.5*
CASS	111.6*	69.5*	68.0*
DEKALB	79.2*	63.9*	74.3*
HUNTINGTON	29.2*	57.0*	55.3*
KOSCIUSKO	46.6*	72.9*	57.8*
LAGRANGE	17.0*	98.2*	31.3*
MIAMI	45.3*	91.5*	44.3*
NOBLE	95.4*	93.8*	148.4*
STEU BEN	51.8*	25.2*	36.8*
WABASH	88.1*	58.7*	71.5*
WELLS	37.5*	36.4*	53.0*
WHITLEY (PR)	0.0*	72.3*	55.4*
Regional Rate	56.6	65.5	65.6
Statewide Rate	53.1	58.1	58.4

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Rates are increasing both for this region and for the state.



Trauma & Injury Prevention

ED Visits From Falls (Age 65+)

Table 20. Falls (Age 65+), ED Visit Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
ADAMS	7,024.3	7,285.3	7,881.8
CASS	6,680.6	6,991.9	7,362.5
DEKALB	7,422.1	7,670.7	7,466.6
HUNTINGTON	9,145.3	8,689.5	9,266.9
KOSCIUSKO	5,536.3	5,765.4	6,263.2
LAGRANGE	5,602.7	6,679.8	6,326.3
MIAMI	6,755.3	6,193.7	6,498.3
NOBLE	7,096.9	6,940.2	7,578.2
STEBEN	8,391.6	7,848.6	7,853.7
WABASH	8,917.3	9,737.5	10,153.0
WELLS	5,843.8	6,102.0	6,025.8
WHITLEY (PR)	7,953.0	8,656.1	8,489.1
Regional Rate	7,097.6	7,265.7	7,513.4
Statewide Rate	6,032.1	6,410.5	6,666.6

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are increasing both for this region and for the state. LaGrange and Wabash saw increases in 2022-2023.



Trauma & Injury Prevention

Hospitalizations From Falls (Age 65+)

Table 21. Falls (Age 65+), Hospitalization Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
ADAMS	972.3	873.6	1,064.7
CASS	836.8	973.0	966.2
DEKALB	1,545.2	1,393.5	1,102.0
HUNTINGTON	1,400.2	1,381.8	1,604.4
KOSCIUSKO	1,125.9	1,192.8	1,347.6
LAGRANGE	764.0	1,244.3	751.6
MIAMI	1,193.9	1,373.0	1,373.5
NOBLE	1,252.4	1,090.3	970.1
STEU BEN	958.3	858.0	736.3
WABASH	1,454.4	1,510.5	1,344.2
WELLS	1,367.3	1,293.3	1,484.4
WHITLEY (PR)	1,679.8	1,141.6	1,121.7
Regional Rate	1,208.1	1,189.6	1,162.3
Statewide Rate	1,103.9	1,132.9	1,187.9

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for Steuben compared to the region. Rates are decreasing for this region but increasing for the state. LaGrange saw an increase in 2022-2023. Whitley saw a drop in 2022-2023. LaGrange saw a drop in 2023-2024.

Trauma & Injury Prevention

Health topic: **Motor vehicle traffic injuries**

Metric: **Death rate from motor vehicle injuries, non-fatal hospitalization rate from motor vehicle injuries** and **non-fatal ED visit rate from motor vehicle injuries**

Source: **IDOH Vital Records** and **IHA Hospital Discharge dataset**

Trauma & Injury Prevention

Deaths From Motor Vehicle Traffic Injuries

Table 22. Motor Vehicle Traffic Injuries, Death Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	11.1*	11.0*	13.7*
CASS	16.0*	10.6*	8.0*
DEKALB	4.6*	20.4*	11.3*
HUNTINGTON	21.7*	10.9*	13.5*
KOSCIUSKO	22.3*	17.4*	18.6*
LAGRANGE	7.3*	9.8*	14.6*
MIAMI	8.4*	28.2*	11.2*
NOBLE	10.6*	4.2*	20.9*
STEU BEN	14.4*	14.3*	14.3*
WABASH	3.2*	13.0*	39.0*
WELLS	3.5*	7.0*	34.7*
WHITLEY (PR)	17.3*	34.5*	11.5*
Regional Rate	12.7	15.2	17.1
Statewide Rate	14.2	13.7	12.6

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Rates are increasing for this region but decreasing for the state.

Trauma & Injury Prevention

ED Visits From Motor Vehicle Traffic Injuries

Table 23. Motor Vehicle Traffic Injuries, ED Visit Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	465.8	463.0	524.8
CASS	799.1	801.8	820.0
DEKALB	688.3	690.1	685.8
HUNTINGTON	662.4	655.2	739.0
KOSCIUSKO	605.0	625.9	669.4
LAGRANGE	506.5	452.2	442.6
MIAMI	482.1	621.4	657.1
NOBLE	760.0	729.5	711.1
STEU BEN	486.7	647.2	602.4
WABASH	645.5	616.2	724.6
WELLS	480.0	532.3	611.2
WHITLEY (PR)	632.5	630.4	699.4
Regional Rate	608.1	626.3	658.4
Statewide Rate	762.0	836.2	862.3

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for LaGrange compared to the region. Rates are increasing both for this region and for the state. Miami and Steuben saw increases in 2022-2023. Wabash saw an increase in 2023-2024.



Trauma & Injury Prevention

Hospitalizations From Motor Vehicle Traffic Injuries

Table 24. Motor Vehicle Traffic Injuries, Hospitalization Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
ADAMS	66.5	52.4*	54.7
CASS	50.6*	55.8	53.2
DEKALB	54.9	79.2	67.7
HUNTINGTON	57.0	87.0	73.1
KOSCIUSKO	65.6	70.9	64.5
LAGRANGE	71.0	44.0*	65.7
MIAMI	72.9	56.5	39.3*
NOBLE	80.2	59.0	81.6
STEU BEN	46.1*	71.6	60.2
WABASH	48.7*	81.5	87.7
WELLS	63.5*	73.5	79.9
WHITLEY (PR)	69.3	54.7*	83.1
Regional Rate	63.0	65.6	67.1
Statewide Rate	44.4	47.0	45.1

*Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Rates for this region are high for Indiana. Rates are increasing for this region but not for the state. Huntington saw an increase in 2022-2023.

Trauma & Injury Prevention

Health topic: **Traumatic brain injury (TBI)**

Metric: **Death rate from TBI, non-fatal hospitalization rate from TBI and non-fatal ED visit rate from TBI**

Source: **IDOH Vital Records** and **IHA Hospital Discharge dataset**

Trauma & Injury Prevention

Deaths From Traumatic Brain Injuries

Table 25. Traumatic Brain Injuries, Death Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	8.3*	5.5*	30.1*
CASS	29.3*	31.9*	24.0*
DEKALB	29.7*	20.4*	24.8*
HUNTINGTON	10.9*	21.8*	13.5*
KOSCIUSKO	11.1*	14.9*	19.8*
LAGRANGE	9.8*	17.1*	14.6*
MIAMI	5.6*	19.8*	16.8*
NOBLE	31.7*	23.2*	18.8*
STEU BEN	34.6*	17.2*	14.3*
WABASH	38.9*	35.9*	19.5*
WELLS	3.5*	10.5*	13.9*
WHITLEY (PR)	5.8*	28.8*	14.3*
Regional Rate	18.1	20.1	19.0
Statewide Rate	21.1	21.3	22.4

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: No definitive trends or regional differences.

Trauma & Injury Prevention

ED Visits From Traumatic Brain Injuries

Table 26. Traumatic Brain Injuries, ED Visit Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	160.8	148.8	199.5
CASS	255.7	161.9	308.8
DEKALB	279.0	300.9	284.2
HUNTINGTON	236.2	274.6	265.3
KOSCIUSKO	232.6	220.2	224.4
LAGRANGE	203.1	254.2	216.4
MIAMI	179.4	240.1	221.8
NOBLE	276.6	240.4	244.7
STEU BEN	293.7	200.5	195.1
WABASH	295.2	205.4	243.7
WELLS	176.5	192.6	222.2
WHITLEY (PR)	228.1	259.1	246.5
Regional Rate	236.1	226.9	239.2
Statewide Rate	246.7	260.1	261.2

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for Adams compared to the region. Cass, Steuben, and Wabash saw drops in 2022-2023. Cass saw an increase in 2023-2024.



Trauma & Injury Prevention

Hospitalizations From Traumatic Brain Injuries

Table 27. Traumatic Brain Injuries, Hospitalization Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
ADAMS	88.7	79.9	79.3
CASS	61.3	66.4	61.2
DEKALB	105.2	92.8	92.5
HUNTINGTON	76.0	103.3	92.0
KOSCIUSKO	76.7	70.9	85.5
LAGRANGE	80.8	90.4	90.0
MIAMI	75.7	96.0	81.4
NOBLE	76.0	75.9	102.5
STEU BEN	103.7	88.8	80.3
WABASH	100.6	107.6	81.2
WELLS	91.8	80.5	107.6
WHITLEY (PR)	104.0	74.8	86.0
Regional Rate	85.3	84.0	86.7
Statewide Rate	62.2	64.7	66.4

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for Cass compared to the region. Huntington saw an increase in 2022-2023. Whitley saw a drop in 2022-2023. Noble and Wells saw increases in 2023-2024. Wabash saw a drop in 2023-2024.

Trauma & Injury Prevention

Health topic: **Overdoses (all drugs)**

Metric: **Death rate from overdoses, non-fatal hospitalization rate from overdoses, and non-fatal ED visit rate from overdoses**

Source: **IDOH Vital Records** and **IHA Hospital Discharge dataset**



Trauma & Injury Prevention

Deaths From Overdoses

Table 28. Overdoses, Death Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	16.6*	16.5*	5.5*
CASS	45.3*	23.9*	5.3*
DEKALB	6.9*	11.3*	20.3*
HUNTINGTON	35.3*	10.9*	10.8*
KOSCIUSKO	28.5	26.1	12.4*
LAGRANGE	9.8*	4.9*	0.0*
MIAMI	47.7*	22.6*	30.9*
NOBLE	25.3*	19.0*	8.4*
STEBEN	17.3*	11.5*	14.3*
WABASH	35.7*	19.6*	9.7*
WELLS	17.6*	14.0*	13.9*
WHITLEY (PR)	23.1*	28.8*	2.9*
Regional Rate	25.6	18.0	11.2
Statewide Rate	39.1	32.4	24.7

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Rates for this region are low for Indiana. Rates are decreasing both for this region and for the state.



Trauma & Injury Prevention

ED Visits From Overdoses

Table 29. Overdoses, ED Visit Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
ADAMS	110.9	151.6	136.7
CASS	250.4	241.6	292.9
DEKALB	169.2	95.0	153.4
HUNTINGTON	268.8	258.3	213.8
KOSCIUSKO	228.9	171.7	147.5
LAGRANGE	83.2	92.9	80.2
MIAMI	238.3	257.0	196.6
NOBLE	192.1	143.4	167.3
STEU BEN	152.6	143.2	137.7
WABASH	249.8	225.0	276.2
WELLS	211.8	154.1	149.3
WHITLEY (PR)	179.1	161.2	114.7
Regional Rate	195.7	171.5	168.4
Statewide Rate	244.9	223.0	188.4

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for Adams and LaGrange compared to the region. Rates are high for Cass, Huntington, and Wabash compared to the region. Rates are decreasing both for this region and for the state. DeKalb saw a drop in 2022-2023.



Trauma & Injury Prevention

Hospitalizations From Overdoses

Table 30. Overdoses, Hospitalization Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
ADAMS	49.9*	38.6*	43.7*
CASS	66.6	29.2*	50.6*
DEKALB	27.4*	29.4*	36.1*
HUNTINGTON	111.3	76.1	105.6
KOSCIUSKO	84.1	87.1	88.0
LAGRANGE	22.0*	34.2*	19.5*
MIAMI	67.3	73.4	81.4
NOBLE	54.9	71.7	69.0
STEU BEN	43.2*	43.0*	28.7*
WABASH	42.2*	71.7	55.2*
WELLS	81.2	45.5*	59.0*
WHITLEY (PR)	60.6	37.4*	60.2
Regional Rate	60.5	56.0	60.4
Statewide Rate	82.3	78.6	73.1

*Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Rates are high for Huntington and Kosciusko compared to the region. Huntington saw a drop in 2022-2023. Huntington saw an increase in 2023-2024.

Trauma & Injury Prevention

Health topic: **Opioid overdoses**

Metric: **Death rate from opioid overdoses, non-fatal hospitalization rate from opioid overdoses** and **non-fatal ED visit rate from opioid overdoses**

Source: **IDOH Vital Records**

Trauma & Injury Prevention

Deaths From Opioid Overdoses

Table 31. Opioid Overdoses, Death Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	11.1*	13.8*	5.5*
CASS	26.6*	10.6*	5.3*
DEKALB	2.3*	6.8*	11.3*
HUNTINGTON	35.3*	8.2*	10.8*
KOSCIUSKO	18.6*	8.7*	5.0*
LAGRANGE	7.3*	0.0*	0.0*
MIAMI	28.0*	19.8*	14.0*
NOBLE	10.6*	12.7*	2.1*
STEU BEN	5.8*	5.7*	14.3*
WABASH	26.0*	6.5*	6.5*
WELLS	17.6*	10.5*	10.4*
WHITLEY (PR)	23.1*	17.3*	0.0*
Regional Rate	17.2	9.8	6.7
Statewide Rate	30.2	23.4	16.6

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: Rates for this region are low for Indiana. Rates are decreasing both for this region and for the state.

Trauma & Injury Prevention

ED Visits From Opioid Overdoses

Table 32. Opioid Overdoses, ED Visit Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	(S)	35.8*	(S)
CASS	40.0*	47.8*	34.6*
DEKALB	43.4*	15.8*	18.0*
HUNTINGTON	54.3	40.8*	29.8*
KOSCIUSKO	76.7	53.5	29.8
LAGRANGE	(S)	(S)	(S)
MIAMI	75.7	48.0*	39.3*
NOBLE	21.1*	19.0*	23.0*
STEU BEN	23.0*	14.3*	17.2*
WABASH	42.2*	29.3*	39.0*
WELLS	77.6	24.5*	52.1*
WHITLEY (PR)	43.3*	40.3*	14.3*
Regional Rate	44.5	32.4	25.3
Statewide Rate	98.5	77.3	54.7

*Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Rates are high for Kosciusko compared to the region. Rates for this region are low for Indiana. Rates are decreasing both for this region and for the state.



Trauma & Injury Prevention

Hospitalizations From Opioid Overdoses

Table 33. Opioid Overdoses, Hospitalization Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	13.9*	(S)	(S)
CASS	(S)	13.3*	(S)
DEKALB	(S)	(S)	15.8*
HUNTINGTON	32.6*	27.2*	32.5*
KOSCIUSKO	27.2	23.6*	18.6*
LAGRANGE	(S)	(S)	(S)
MIAMI	(S)	14.1*	(S)
NOBLE	12.7*	21.1*	18.8*
STEU BEN	(S)	(S)	(S)
WABASH	(S)	16.3*	19.5*
WELLS	(S)	(S)	24.3*
WHITLEY (PR)	28.9*	(S)	20.1*
Regional Rate	15.2	14.3	15.7
Statewide Rate	20.3	20.7	17.6

*Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: No definitive trends or regional differences.

Trauma & Injury Prevention

Health topic: **Overdose deaths by drug**

Metric: **Number of overdose deaths from heroin, benzodiazepine, cocaine, psychostimulants, and synthetic opioids**

Source: **IDOH Vital Records**



Trauma & Injury Prevention

Death Counts From Overdoses, Any Opioid

Table 34. Any Opioid Overdoses, Death Counts by County, 2022-2024			
County	2022	2023	2024
ADAMS	4	5	2
CASS	10	4	2
DEKALB	1	3	5
HUNTINGTON	13	3	4
KOSCIUSKO	15	7	4
LAGRANGE	3	0	0
MIAMI	10	7	5
NOBLE	5	6	1
STEU BEN	2	2	5
WABASH	8	2	2
WELLS	5	3	3
WHITLEY (PR)	8	6	0
Regional Total	84	48	33
Statewide Total	2,064	1,608	1,149

Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural.

Key takeaways: Counts are decreasing both for this region and for the state. Cass, Huntington, Kosciusko, and Wabash saw drops in 2022-2023. Whitley saw a drop in 2023-2024.



Trauma & Injury Prevention

Death Counts From Overdoses, Heroin

Table 35. Heroin Overdoses, Death Counts by County, 2022-2024

County	2022	2023	2024
ADAMS	0	0	1
CASS	0	0	0
DEKALB	0	0	0
HUNTINGTON	0	0	0
KOSCIUSKO	1	0	0
LAGRANGE	0	0	0
MIAMI	1	0	0
NOBLE	0	0	0
STEU BEN	0	0	0
WABASH	0	0	0
WELLS	0	0	0
WHITLEY (PR)	0	0	0
Regional Total	2	0	1
Statewide Total	66	24	25

Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural.

Key takeaways: Kosciusko and Miami saw drops in 2022-2023. Adams saw an increase in 2023-2024.



Trauma & Injury Prevention

Death Counts From Overdoses, Benzodiazepine

Table 36. Benzodiazepine Overdoses, Death Counts by County, 2022-2024			
County	2022	2023	2024
ADAMS	0	1	0
CASS	0	0	0
DEKALB	0	0	1
HUNTINGTON	0	0	0
KOSCIUSKO	2	0	0
LAGRANGE	0	0	0
MIAMI	0	0	1
NOBLE	0	0	0
STEU BEN	0	0	1
WABASH	0	0	0
WELLS	1	0	0
WHITLEY (PR)	0	0	0
Regional Total	3	1	3
Statewide Total	212	187	142

Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural.

Key takeaways: Adams saw an increase in 2022-2023. Kosciusko and Wells saw drops in 2022-2023. DeKalb, Miami, and Steuben saw increases in 2023-2024. Adams saw a drop in 2023-2024.



Trauma & Injury Prevention

Death Counts From Overdoses, Cocaine

Table 37. Cocaine Overdoses, Death Counts by County, 2022-2024			
County	2022	2023	2024
ADAMS	0	1	1
CASS	0	0	1
DEKALB	1	1	1
HUNTINGTON	0	0	0
KOSCIUSKO	3	2	0
LAGRANGE	1	0	0
MIAMI	2	0	0
NOBLE	0	0	1
STEU BEN	0	0	0
WABASH	0	0	0
WELLS	0	0	0
WHITLEY (PR)	1	1	0
Regional Total	8	5	4
Statewide Total	478	442	348

Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural.

Key takeaways: Counts are decreasing both for this region and for the state. Adams saw an increase in 2022-2023. Kosciusko, LaGrange, and Miami saw drops in 2022-2023. Cass and Noble saw increases in 2023-2024. Kosciusko and Whitley saw drops in 2023-2024.

Trauma & Injury Prevention

Death Counts From Overdoses, Psychostimulants Other Than Cocaine

Table 38. Psychostimulant Overdoses Other Than Cocaine, Death Counts by County, 2022-2024			
County	2022	2023	2024
ADAMS	2	0	1
CASS	6	6	0
DEKALB	0	0	2
HUNTINGTON	7	0	1
KOSCIUSKO	8	3	1
LAGRANGE	3	1	0
MIAMI	8	5	4
NOBLE	4	4	1
STEU BEN	2	2	1
WABASH	7	3	2
WELLS	1	2	2
WHITLEY (PR)	3	1	0
Regional Total	51	27	15
Statewide Total	948	763	618

Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural.

Key takeaways: Counts are decreasing both for this region and for the state. Huntington, Kosciusko, and Wabash saw drops in 2022-2023. Cass saw a drop in 2023-2024.



Trauma & Injury Prevention

Death Counts From Overdoses, Synthetic Opioid

Table 39. Synthetic Opioid Overdoses, Death Counts by County, 2022-2024			
County	2022	2023	2024
ADAMS	4	4	2
CASS	9	3	1
DEKALB	1	3	4
HUNTINGTON	11	2	3
KOSCIUSKO	12	6	3
LAGRANGE	3	0	0
MIAMI	8	6	4
NOBLE	5	5	0
STEU BEN	2	2	5
WABASH	8	2	2
WELLS	5	3	3
WHITLEY (PR)	7	5	0
Regional Total	75	41	27
Statewide Total	1,911	1,504	1,045

Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural.

Key takeaways: Counts are decreasing both for this region and for the state. Cass, Huntington, Kosciusko, and Wabash saw drops in 2022-2023.

Trauma & Injury Prevention

Health topic: **Opioid prescribing**

Metric: **Opioid prescribing rate (per thousand)**

Source: Indiana Scheduled Prescription Electronic Collection and Tracking Program (INSPECT)



Trauma & Injury Prevention

Opioid Prescribing Rate

Table 40. Opioid Prescribing Rate per 1,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	455.8	485.4	461.2
CASS	705.2	712.6	656.2
DEKALB	591.8	622.5	572.5
HUNTINGTON	778.1	844.5	800.3
KOSCIUSKO	623.6	620.9	564.5
LAGRANGE	304.8	288.1	262.3
MIAMI	911.4	863.9	804.2
NOBLE	640.0	640.0	579.2
STEU BEN	543.8	571.9	539.7
WABASH	969.3	1,010.8	983.5
WELLS	788.9	756.1	659.3
WHITLEY (PR)	699.1	727.4	651.4
Regional Rate	653.4	663.0	612.1
Statewide Rate	701.2	686.2	628.7

Data Source: Indiana Scheduled Prescription Electronic Collection and Tracking Program (INSPECT). Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for Adams and LaGrange compared to the region. Rates are high for Miami and Wabash compared to the region. Wells saw a drop in 2023-2024.

Trauma & Injury Prevention

Health topic: **Suicide and non-fatal self-harm**

Metric: **Death rate from self-harm, non-fatal hospitalization rate from self-harm** and **non-fatal ED visit rate from self-harm**

Source: **IDOH Vital Records** and **IHA Hospital Discharge dataset**



Trauma & Injury Prevention

Deaths From Self-Harm

Table 41. Self-Harm, Death Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	2.8*	5.5*	10.9*
CASS	26.6*	15.9*	24.0*
DEKALB	20.6*	18.1*	27.1*
HUNTINGTON	16.3*	19.0*	16.2*
KOSCIUSKO	7.4*	13.7*	19.8*
LAGRANGE	4.9*	9.8*	9.7*
MIAMI	25.2*	11.3*	19.7*
NOBLE	29.6*	12.7*	20.9*
STEU BEN	23.0*	25.8*	5.7*
WABASH	29.2*	16.3*	16.2*
WELLS	3.5*	17.5*	13.9*
WHITLEY (PR)	2.9*	23.0*	14.3*
Regional Rate	15.6	15.4	17.1
Statewide Rate	16.8	17.3	16.9

*Data Source: Indiana Department of Health Vital Records Division. Source is same for state and county. PR = partially rural. * = Unstable (count is less than 20).*

Key takeaways: No definitive trends or regional differences.

Trauma & Injury Prevention

ED Visits From Self-Harm

Table 42. Self-Harm, ED Visit Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	85.9	66.1	54.7
CASS	189.1	169.9	244.9
DEKALB	157.8	140.3	126.3
HUNTINGTON	162.9	155.0	165.1
KOSCIUSKO	153.4	126.9	111.6
LAGRANGE	66.1	78.2	77.8
MIAMI	151.4	203.4	190.9
NOBLE	143.6	141.3	123.4
STEBEN	138.2	111.7	117.6
WABASH	152.5	172.8	162.5
WELLS	84.7	91.1	107.6
WHITLEY (PR)	101.1	100.7	88.9
Regional Rate	135.0	129.7	128.8
Statewide Rate	111.9	108.7	105.3

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Rates are low for Adams, LaGrange, Wells, and Whitley compared to the region. Rates are high for Cass and Miami compared to the region. Rates are decreasing both for this region and for the state. Miami saw an increase in 2022-2023. Cass saw an increase in 2023-2024.



Trauma & Injury Prevention

Hospitalizations From Self-Harm

Table 43. Self-Harm, Hospitalization Rates per 100,000 by County, 2022-2024

County	2022	2023	2024
ADAMS	19.4*	(S)	21.9*
CASS	16.0*	18.6*	31.9*
DEKALB	38.9*	31.7*	11.3*
HUNTINGTON	73.3	40.8*	46.0*
KOSCIUSKO	37.1	39.8	34.7
LAGRANGE	17.1*	17.1*	(S)
MIAMI	28.0*	36.7*	59.0
NOBLE	29.6*	31.6*	31.4*
STEU BEN	25.9*	22.9*	(S)
WABASH	29.2*	39.1*	29.2*
WELLS	45.9*	24.5*	38.2*
WHITLEY (PR)	34.7*	14.4*	20.1*
Regional Rate	33.0	28.1	28.0
Statewide Rate	30.7	29.4	27.5

*Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Rates are decreasing both for this region and for the state.

Syndromic Surveillance

Health topic: **Emergency department utilization**

Metric: **Emergency department visit counts**

Source: **IHA Hospital Discharge dataset**

**ED visit counts by facility represent where care is accessed, not necessarily where the patient lives. A count of 0 indicates that individuals rely on neighboring counties for emergency care.*



Syndromic Surveillance

Emergency Department Utilization

Table 44. ED Visit Counts by Facility County, 2020-2024					
County	2020	2021	2022	2023	2024
ADAMS	8,072	8,460	9,997	10,361	10,640
CASS	13,592	15,725	17,376	17,942	18,243
DEKALB	13,304	16,021	16,631	16,633	16,119
HUNTINGTON	12,723	15,485	16,039	15,586	15,928
KOSCIUSKO	12,703	13,614	13,942	13,776	29,241
LAGRANGE	8,066	9,722	10,586	10,604	10,248
MIAMI	8,962	9,817	9,930	10,316	9,780
NOBLE	15,010	17,984	18,292	17,335	17,325
STEU BEN	12,982	15,232	16,263	15,926	16,090
WABASH	11,600	13,963	14,048	14,938	14,643
WELLS	7,431	9,255	9,602	9,009	9,149
WHITLEY (PR)	21,837	26,126	27,943	27,476	12,925
Regional Total	146,282	171,404	180,649	179,902	180,331
Statewide Total	835,498	934,002	995,892	1,017,665	1,017,155

Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural.

Key takeaways: Whitley saw an increase in 2020-2021. Kosciusko saw an increase in 2023-2024. Whitley saw a drop in 2023-2024.

Vitality

Health topic: **Life expectancy**

Metric: **Average life expectancy**

Source: **University of Wisconsin Population Institute**



Vitality

Life Expectancy

Table 45. Life Expectancy by County, 2019-2021

County	2019-2021
ADAMS	76.6
CASS	75.6
DEKALB	75.9
HUNTINGTON	75.4
KOSCIUSKO	76.8
LAGRANGE	78.6
MIAMI	74.5
NOBLE	75.8
STEU BEN	78.1
WABASH	74.3
WELLS	76.7
WHITLEY (PR)	77.9
Regional Average	76.4
Statewide Average	75.6

Data Source: University of Wisconsin Population Health Institute. Source is same for state and county. PR = partially rural.

Key takeaways: No definitive trends or regional differences.

Medical Workforce

Health topic: **Professional capacity**

Metric: **Healthcare provider ratio**

Definition: **Ratio of full-time equivalent physician count to population**

Source: **IU School of Medicine Bowen Center**



Medical Workforce

Provider Ratio

Table 46. Provider Ratios by County, 2015-2023					
County	2015	2017	2019	2021	2023
ADAMS	2,193	3,238	813	586	621
CASS	567	512	436	420	521
DEKALB	847	802	636	649	674
HUNTINGTON	825	828	836	781	634
KOSCIUSKO	888	769	590	566	680
LAGRANGE	1,322	828	662	661	774
MIAMI	686	612	591	545	711
NOBLE	1,165	1,076	921	1,007	1,036
STEU BEN	968	820	595	527	537
WABASH	993	700	633	563	758
WELLS	2,059	1,579	510	688	645
WHITLEY (PR)	848	756	632	821	850
Regional Ratio	939	822	630	618	685
Statewide Ratio	361	316	209	205	215

Data Source: Bowen Center for Health Workforce Research and Policy. Source is same for state and county. PR = partially rural.

Key takeaways: Values are low for Cass compared to the region. Values are high for Adams, Noble, and Wells compared to the region. Values for this region are high for Indiana. Adams saw an increase in 2015-2017. LaGrange and Wells saw drops in 2015-2017. Adams and Wells saw drops in 2017-2019.

Geospatial Analysis

Health topic: **Drive-time to medical resources**

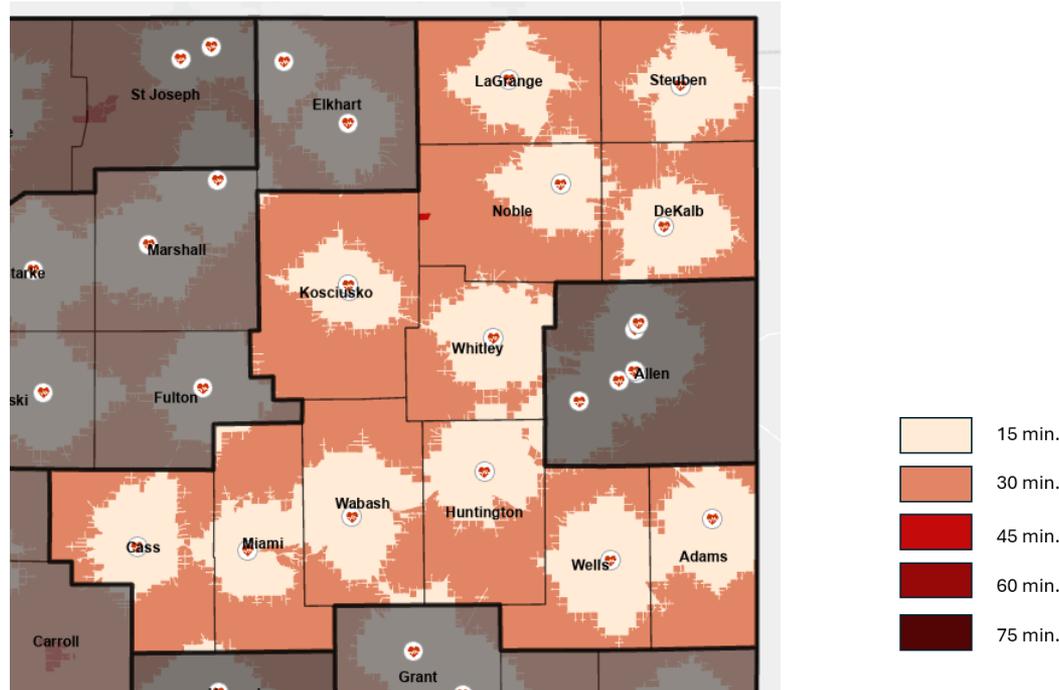
Metric: **Drive-time analysis of local emergency departments*** and
Drive-time analysis of local birthing hospitals*

Source: **IDOH Maternal and Child Health** and **Indiana Hospital Association**

**Out-of-state emergency departments and birthing hospitals were not included in this analysis.*

Geospatial Analysis

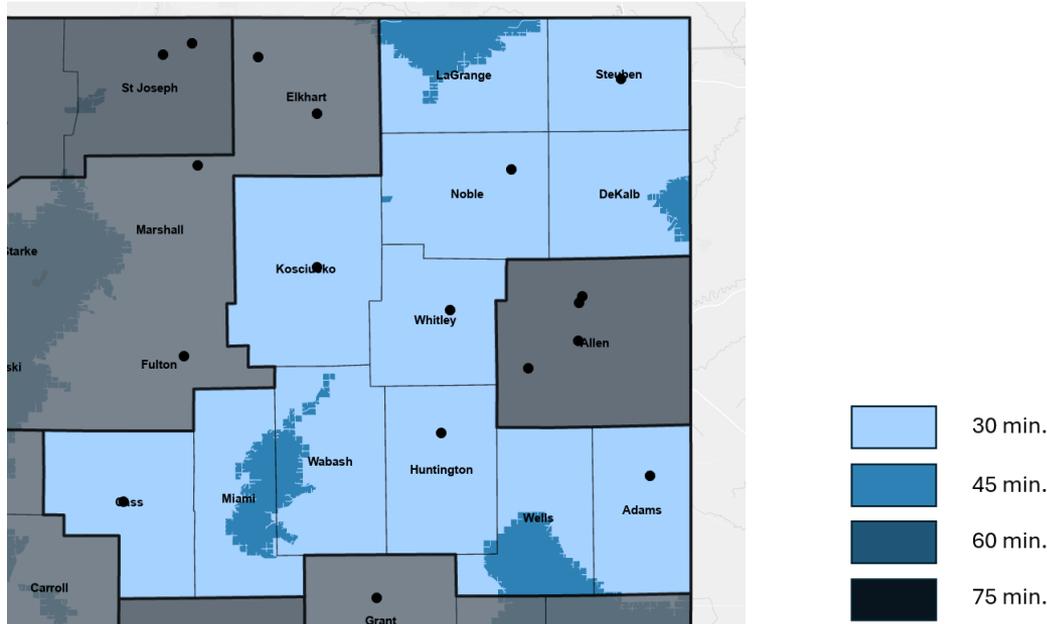
Drive-time to emergency departments



Key takeaways: Most residents in this region can access emergency care within a 15 or 30 minute drive.

Geospatial Analysis

Drive-time to birthing hospitals



Key takeaways: Most residents in this region can access an Indiana birthing hospital within a 30 minute drive. Portions of Wells, DeKalb, LaGrange, Wabash and Miami counties exhibit drive-times of 45 minutes to receive this care.