



INDIANA
RURAL HEALTH TRANSFORMATION

Rural Health Regional Data Summaries



Indiana
Department
of
Health

Data Trends: Health topics of potential impact





INDIANA
RURAL HEALTH TRANSFORMATION

REGION 4

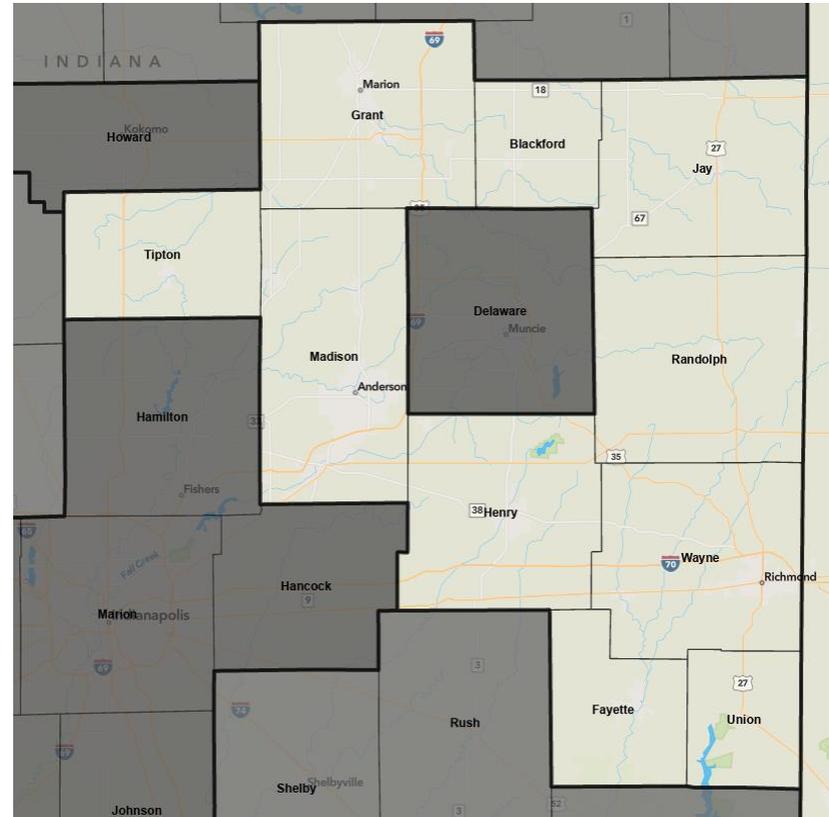


Indiana
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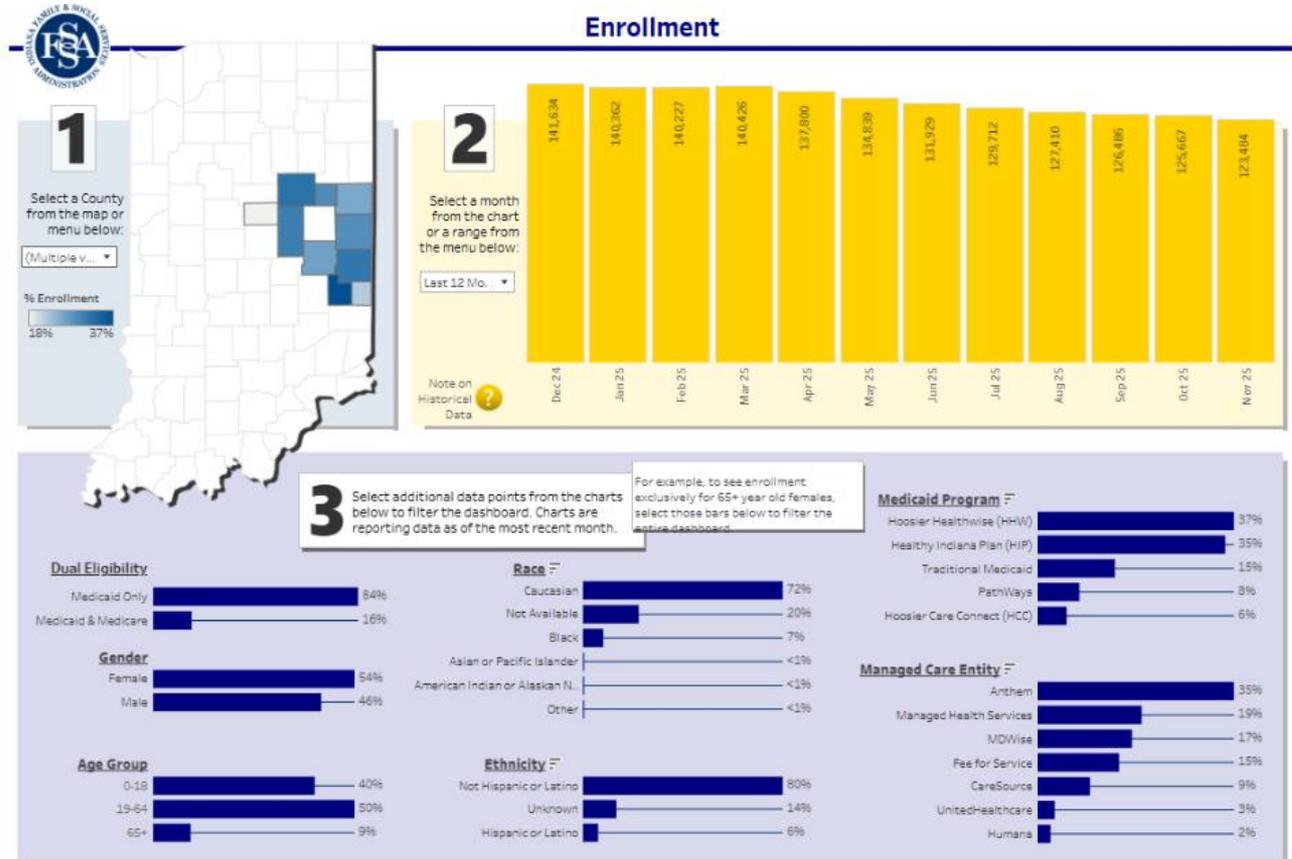
Region 4

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

- Grant
- Blackford
- Jay
- Tipton*
- Madison*
- Randolph
- Henry
- Wayne
- Fayette
- Union



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
BLACKFORD	42.7%	40.9%	37.5%
FAYETTE	39.1%	40.8%	41.1%
GRANT	39.2%	39.7%	43.0%
HENRY	42.0%	38.1%	44.4%
JAY	38.9%	38.2%	42.1%
MADISON (PR)	41.4%	43.4%	39.6%
RANDOLPH	40.1%	38.0%	38.9%
TIPTON (PR)	37.6%	38.5%	36.1%
UNION	36.3%	38.1%	40.3%
WAYNE	38.2%	37.8%	39.4%
Regional Average	40.1%	40.2%	40.7%
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. Henry saw an increase 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
BLACKFORD	0.8%
FAYETTE	0.4%
GRANT	0.7%
HENRY	0.6%
JAY	0.7%
MADISON (PR)	0.7%
RANDOLPH	0.5%
TIPTON (PR)	0.6%
UNION	0.5%
WAYNE	0.4%
Regional Rate	0.6%
Statewide Rate	0.5%

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.

Key takeaways: Rates are low for Fayette and Wayne compared to the region. Rates are high for Blackford 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
BLACKFORD	19.1%
FAYETTE	10.1%
GRANT	19.3%
HENRY	15.3%
JAY	18.4%
MADISON (PR)	15.4%
RANDOLPH	13.3%
TIPTON (PR)	17.4%
UNION	6.3%
WAYNE	8.2%
Regional Rate	14.5%
Statewide Rate	11.2%

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.

Key takeaways: Rates are low for Fayette, Union, and Wayne compared to the region.



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
BLACKFORD	41.8*	40.6*	46.4*	45.8*	19.5*
FAYETTE	37.2*	43.6*	80.6	53.3*	66.4*
GRANT	122.8	118.3	141.2	124.6	91.2
HENRY	61.1	77.3	62.0	36.2*	30.4*
JAY	56.7*	29.4*	54.9*	33.4*	15.8*
MADISON (PR)	44.2	50.2	57.1	39.8	45.5
RANDOLPH	40.5*	44.1*	45.5*	23.0*	38.2*
TIPTON (PR)	17.2*	65.5*	31.4*	20.5*	43.4*
UNION	0.0*	25.6*	0.0*	0.0*	19.8*
WAYNE	52.6	68.0	46.3	42.8	40.3
Regional Rate	58.1	65.2	67.6	50.9	48.0
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 Grant compared to the region. Rates for this region are high for Indiana. Grant saw a drop in 2023-2024.



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
BLACKFORD	1,185.4	703.7	628.4	741.5	558.2
FAYETTE	405.2	333.8	560.6	751.2	538.4
GRANT	428.8	631.7	600.0	744.6	655.7
HENRY	392.0	336.6	450.2	411.0	358.6
JAY	673.2	980.9	628.1	554.3	789.7
MADISON (PR)	409.7	433.4	445.0	494.0	508.1
RANDOLPH	447.6	357.7	292.2	400.5	408.8
TIPTON (PR)	314.8	387.7	328.9	403.9	338.4
UNION	140.4*	(S)	141.9*	178.4*	135.7*
WAYNE	291.6	298.2	411.0	455.5	386.0
Regional Rate	418.3	444.9	464.1	522.1	126.4
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. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5). Rates are age-adjusted.*

Key takeaways: Rates are high for Blackford, Grant, and Jay compared to the region. Jay saw an increase in 2020-2021. Blackford saw a drop in 2020-2021. Jay saw a drop in 2021-2022. Jay 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
BLACKFORD	83.8%
FAYETTE	20.3%
GRANT	67.1%
HENRY	44.9%
JAY	80.9%
MADISON (PR)	68.5%
RANDOLPH	48.1%
TIPTON (PR)	78.8%
UNION	14.4%
WAYNE	15.6%
Regional Rate	53.1%
Statewide Rate	47.5%
<i>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.</i>	

Key takeaways: Rates are low for Fayette, Union, and Wayne compared to the region. Rates are high for Blackford, Jay, and Tipton compared to the region.



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
BLACKFORD	14.8*	7.1*	25.9*	33.3*	33.8*
FAYETTE	97.8	47.2*	51.8*	41.2*	54.5*
GRANT	36.6	38.9	24.7*	47.6	29.1
HENRY	45.0	49.4	87.5	92.3	81.0
JAY	34.4*	15.9*	37.8*	25.5*	20.8*
MADISON (PR)	47.5	43.8	48.6	64.6	55.1
RANDOLPH	33.6*	40.0*	46.3*	61.8*	48.8*
TIPTON (PR)	37.0*	10.3*	51.5*	10.6*	8.9*
UNION	25.6*	37.0*	0.0*	0.0*	0.0*
WAYNE	51.9	51.3	38.3	59.0	42.6
Regional Rate	46.0	41.1	46.2	56.5	46.6
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 high for Henry compared to the region. Henry saw an increase 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
BLACKFORD	1,063.9	1,190.8	1,305.0	1,088.6	812.1
FAYETTE	449.6	395.7	499.4	652.5	684.0
GRANT	682.3	781.4	855.5	968.6	870.2
HENRY	433.8	475.2	552.5	599.2	455.4
JAY	958.1	1,171.2	1,081.1	1,290.9	966.0
MADISON (PR)	546.0	576.6	613.8	723.0	689.7
RANDOLPH	580.3	646.0	630.5	720.9	689.6
TIPTON (PR)	689.9	816.1	923.7	1,092.5	733.9
UNION	107.7*	132.4*	168.7*	240.8*	162.9*
WAYNE	316.9	334.5	526.3	630.6	543.2
Regional Rate	546.5	599.6	671.2	771.0	675.3
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. * = Unstable (count is less than 20). Rates are age-adjusted.*

Key takeaways: Rates are low for Wayne compared to the region. Rates are high for Blackford and Jay compared to the region. Blackford, Jay, and Tipton saw drops in 2023-2024.

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
BLACKFORD	337.1	219.1	314.7	360.1	326.2
FAYETTE	356.3	250.3	301.6	235.6	333.4
GRANT	262.7	265.9	223.7	281.5	243.4
HENRY	247.8	227.8	312.4	274.7	337.5
JAY	213.8	300.6	318.3	260.9	210.7
MADISON (PR)	276.1	257.9	240.1	267.7	267.1
RANDOLPH	215.7	295.3	214.8	262.4	258.7
TIPTON (PR)	275.6	195.0	194.5	160.4	136.5
UNION	319.8	270.4*	259.2*	315.5	363.2
WAYNE	340.4	328.3	309.5	297.9	288.9
Regional Rate	281.6	266.2	263.5	272.0	275.2
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. * = Unstable (count is less than 20). Rates are age-adjusted.*

Key takeaways: Rates are low for Tipton compared to the region. Blackford and Fayette saw drops in 2020-2021. Blackford saw an increase in 2021-2022. Fayette saw an increase 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
BLACKFORD	1,164.3	1,392.1	1,166.0	913.3	927.5
FAYETTE	548.2	681.0	880.4	983.3	921.2
GRANT	771.6	1,116.6	992.8	1,092.8	1,001.5
HENRY	908.6	976.2	1,002.2	936.1	920.9
JAY	1,027.8	1,182.1	1,035.3	1,199.2	1,404.0
MADISON (PR)	772.3	866.9	862.5	951.5	873.2
RANDOLPH	688.8	631.8	793.0	972.4	953.5
TIPTON (PR)	1,039.1	945.5	864.2	1,081.7	903.4
UNION	287.9*	206.7*	320.7	431.3	456.8
WAYNE	490.4	565.2	657.5	799.8	691.0
Regional Rate	750.6	869.3	872.1	957.2	897.3
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. * = Unstable (count is less than 20). Rates are age-adjusted.*

Key takeaways: Rates are low for Wayne compared to the region. Rates are high for Jay compared to the region. Grant saw an increase in 2020-2021. Blackford saw a drop in 2022-2023.

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
BLACKFORD	78.8*	93.9*	59.7*	42.0*	53.2*
FAYETTE	87.7	102.7	75.0*	50.0*	61.6*
GRANT	84.2	88.4	66.7	72.3	52.9
HENRY	80.7	70.4	63.9	105.4	95.1
JAY	32.7*	67.6*	50.3*	58.8*	102.8
MADISON (PR)	61.4	61.1	74.9	90.7	70.8
RANDOLPH	83.1	97.6	53.3*	71.5*	77.9
TIPTON (PR)	50.1*	58.2*	36.2*	24.6*	53.8*
UNION	80.7*	15.6*	42.4*	36.8*	47.3*
WAYNE	49.4	63.6	54.7	52.7	39.4
Regional Rate	67.5	72.5	64.1	72.2	65.3
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: Henry saw an increase in 2022-2023.



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
BLACKFORD	99.8*	139.9*	93.7*	169.9	61.4*
FAYETTE	123.2	102.0	136.3	133.1	132.7
GRANT	154.6	177.8	167.1	175.1	179.9
HENRY	155.4	147.1	84.4	122.0	108.3
JAY	94.4*	128.5	119.3	149.6	141.5
MADISON (PR)	92.5	89.4	108.2	109.8	122.8
RANDOLPH	72.9	109.3	78.1*	84.1	106.8
TIPTON (PR)	110.2*	127.2	110.9	126.1	169.3
UNION	(S)	(S)	(S)	54.0*	(S)
WAYNE	84.6	56.5	88.6	118.9	105.0
Regional Rate	109.1	111.1	109.6	126.0	126.4
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. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5). Rates are age-adjusted.*

Key takeaways: Rates are high for Grant compared to the region. Rates are increasing both for this region and for the state. Henry saw a drop in 2021-2022. Tipton saw an increase 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
BLACKFORD	24.3%
FAYETTE	26.2%
GRANT	25.7%
HENRY	24.5%
JAY	24.3%
MADISON (PR)	24.5%
RANDOLPH	24.3%
TIPTON (PR)	23.0%
UNION	26.2%
WAYNE	25.1%
Regional Rate	24.1%
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: Rates for this region are high for Indiana.



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
BLACKFORD	26.2%	11.3%*	15.8%*	7.1%*
FAYETTE	17.1%	15.9%	11.1%	9.3%
GRANT	22.6%	17.0%	15.4%	9.3%
HENRY	13.5%	11.0%	8.8%	7.5%
JAY	13.5%	8.7%	7.7%	7.9%
MADISON (PR)	15.6%	10.6%	8.9%	7.3%
RANDOLPH	18.9%	9.1%	10.0%	12.1%
TIPTON (PR)	5.9%*	7.2%*	4.1%*	6.0%*
UNION	13.1%*	5.0%*	8.8%*	7.8%*
WAYNE	13.8%	11.3%	9.1%	8.6%
Regional Rate	16.3%	11.6%	10.0%	8.3%
Statewide Rate	9.0%	6.6%	5.3%	3.8%
<i>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).</i>				

Key takeaways: Rates are high for Grant compared to the region. Rates for this region are high for Indiana. Rates are decreasing both for this region and for the state. Randolph saw a drop in 2021-2022. Grant saw a drop in 2023-2024.

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
BLACKFORD	10.7*	10.8*	8.0*	10.0*	13.2*
FAYETTE	9.6*	9.2*	9.4*	10.1*	10.6*
GRANT	8.6	8.9	9.4	9.7	10.7
HENRY	5.1*	5.6*	7.3*	8.0*	9.6
JAY	12.2*	8.7*	8.8*	6.8*	9.4*
MADISON (PR)	7.1	7.4	7.7	8.2	7.8
RANDOLPH	11.5*	9.4*	6.5*	6.5*	4.9*
TIPTON (PR)	10.3*	9.1*	7.7*	8.8*	(S)
UNION	(S)	(S)	(S)	(S)	(S)
WAYNE	7.2	7.4	7.4	7.5	8.7
Regional Rate	8.1	7.9	8.0	8.2	8.7
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 between 5 and 19). (S) = Suppressed (count is less than 5).*

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
BLACKFORD	8.8%*	5.6%*	4.7%*	9.2%*	9.4%*
FAYETTE	7.1%*	7.3%	6.7%*	8.6%	10.4%
GRANT	8.5%	11.2%	9.4%	9.7%	11.9%
HENRY	9.0%	7.3%	9.7%	9.7%	7.7%
JAY	9.7%	8.4%	7.3%	5.0%*	8.2%
MADISON (PR)	8.1%	9.9%	10.9%	10.3%	10.5%
RANDOLPH	7.5%	8.4%	7.3%	6.3%*	6.0%*
TIPTON (PR)	7.1%*	8.5%*	12.4%*	8.1%*	3.3%*
UNION	(S)	7.1%*	(S)	12.3%*	12.5%*
WAYNE	9.8%	8.7%	11.5%	8.8%	10.0%
Regional Rate	8.5%	9.1%	9.8%	9.1%	9.7%
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 between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: No definitive trends or regional differences.

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
BLACKFORD	8.8%*	9.5%*	8.5%*	11.7%*	15.0%*
FAYETTE	6.7%*	11.3%	13.5%	11.8%	17.1%
GRANT	13.2%	12.8%	11.9%	12.5%	14.9%
HENRY	10.6%	7.3%	11.6%	11.9%	11.8%
JAY	9.0%	10.8%	8.0%	6.0%*	10.8%
MADISON (PR)	11.0%	13.5%	13.0%	12.8%	13.3%
RANDOLPH	13.2%	9.1%	9.4%	6.7%*	10.4%
TIPTON (PR)	8.9%*	14.4%	14.4%	10.5%*	9.9%*
UNION	(S)	10.7%*	(S)	22.8%*	10.9%*
WAYNE	12.7%	11.7%	13.5%	13.0%	13.9%
Regional Rate	11.2%	11.8%	12.1%	11.8%	13.3%
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. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Henry and Randolph saw drops in 2020-2021. Henry saw an increase in 2021-2022. Fayette saw an increase 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
BLACKFORD	16.0%	20.6%	19.8%	21.7%	22.8%
FAYETTE	30.5%	33.9%	31.3%	27.2%	28.9%
GRANT	23.4%	24.4%	25.5%	19.3%	19.7%
HENRY	21.5%	22.7%	22.6%	21.3%	20.2%
JAY	38.8%	32.3%	32.9%	37.1%	33.8%
MADISON (PR)	25.6%	23.7%	22.3%	22.6%	18.6%
RANDOLPH	23.1%	29.0%	30.4%	24.5%	25.5%
TIPTON (PR)	20.1%	17.6%	28.1%	21.5%	17.9%
UNION	21.6%*	23.8%	30.0%*	12.3%*	12.5%*
WAYNE	30.6%	32.4%	32.4%	27.5%	31.9%
Regional Rate	26.1%	26.4%	26.4%	23.9%	23.1%
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. * = Unstable (count is less than 20).*

Key takeaways: Rates are high for Jay compared to the region. Randolph saw an increase in 2020-2021. Jay saw a drop in 2020-2021. Tipton saw an increase in 2021-2022. Grant, Randolph, and Tipton saw drops in 2022-2023.

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
BLACKFORD	152.4*	37.9*	37.2*
FAYETTE	41.1*	0.0*	0.0*
GRANT	38.5*	38.6*	30.2*
HENRY	51.6*	82.5*	20.2*
JAY	156.2*	105.6*	131.6*
MADISON (PR)	24.0*	31.9*	38.8*
RANDOLPH	19.6*	118.2*	58.2*
TIPTON (PR)	58.9*	58.0*	56.1*
UNION	69.2*	0.0*	0.0*
WAYNE	107.7*	83.8*	29.9*
Regional Rate	56.1	54.7	37.0
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 decreasing for this region but increasing 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
BLACKFORD	8,079.3	8,984.1	6,845.2
FAYETTE	7,415.8	7,402.1	8,553.7
GRANT	7,318.2	8,236.1	7,996.7
HENRY	8,519.9	8,207.9	7,793.3
JAY	7,211.7	6,835.6	7,844.2
MADISON (PR)	6,461.9	7,819.5	8,029.0
RANDOLPH	6,018.4	7,290.6	6,764.9
TIPTON (PR)	7,243.8	9,541.8	8,443.2
UNION	4,013.8	3,137.5	3,386.6
WAYNE	7,314.8	7,940.3	7,042.9
Regional Rate	7,081.8	7,871.4	7,676.3
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 low for Union compared to the region. Tipton saw an increase in 2022-2023. Blackford saw a drop in 2023-2024.



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
BLACKFORD	1,562.5	1,440.5	1,153.3
FAYETTE	924.4	1,216.8	1,301.7
GRANT	1,215.9	1,375.3	1,578.2
HENRY	1,124.3	1,134.3	1,191.2
JAY	1,536.1	1,583.5	1,553.0
MADISON (PR)	1,297.2	1,307.2	1,397.0
RANDOLPH	1,274.3	1,379.3	1,473.2
TIPTON (PR)	942.3	1,160.1	1,318.4
UNION	622.8*	667.6*	702.9*
WAYNE	1,046.1	883.9	1,242.4
Regional Rate	1,193.5	1,228.2	1,358.8
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. * = Unstable (count is less than 20).*

Key takeaways: Rates are increasing both for this region and for the state. Fayette saw an increase in 2022-2023. Wayne saw an increase in 2023-2024. Blackford 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
BLACKFORD	41.9*	16.8*	33.9*
FAYETTE	25.7*	0.0*	12.9*
GRANT	19.7*	15.1*	12.0*
HENRY	22.5*	28.6*	8.1*
JAY	39.6*	30.0*	19.8*
MADISON (PR)	16.7	16.6	7.5*
RANDOLPH	45.0*	12.4*	8.2*
TIPTON (PR)	26.0*	13.1*	13.1*
UNION	43.2*	28.7*	29.1*
WAYNE	10.6*	15.1*	4.5*
Regional Rate	21.7	17.1	10.0
Statewide Rate	14.2	13.7	12.6
<i>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).</i>			

Key takeaways: Rates are decreasing both for this region and 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
BLACKFORD	1,032.0	832.4	778.6
FAYETTE	852.3	843.2	874.2
GRANT	905.8	1,145.0	1,268.5
HENRY	832.1	807.3	727.4
JAY	861.5	753.8	872.8
MADISON (PR)	759.8	977.3	1,057.2
RANDOLPH	675.2	644.2	764.3
TIPTON (PR)	533.8	622.7	691.7
UNION	474.7	530.6	290.5
WAYNE	781.6	875.6	975.8
Regional Rate	794.9	905.4	969.1
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 Tipton and Union compared to the region. Rates are increasing both for this region and for the state. Grant and Madison saw increases in 2022-2023. Union saw a drop 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
BLACKFORD	75.5*	50.4*	76.2*
FAYETTE	47.1*	42.8*	38.6*
GRANT	56.0	61.9	75.2
HENRY	63.4	57.2	38.7*
JAY	158.4	44.9*	74.4*
MADISON (PR)	58.4	56.6	52.2
RANDOLPH	69.6*	53.7*	65.7*
TIPTON (PR)	(S)	98.3*	45.7*
UNION	(S)	(S)	(S)
WAYNE	24.1*	24.2*	37.6
Regional Rate	56.6	52.2	52.9
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 between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Grant saw an increase in 2023-2024.

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
BLACKFORD	58.7*	16.8*	25.4*
FAYETTE	55.7*	0.0*	21.4*
GRANT	21.2*	31.7	19.6*
HENRY	22.5*	18.4*	18.3*
JAY	39.6*	30.0*	29.8*
MADISON (PR)	12.9*	22.6	20.1
RANDOLPH	32.7*	20.6*	28.8*
TIPTON (PR)	32.5*	26.2*	26.1*
UNION	14.4*	0.0*	14.5*
WAYNE	33.2	22.7*	24.1*
Regional Rate	25.5	22.1	21.8
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: Rates are decreasing for this region but increasing for the state.



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
BLACKFORD	268.5	319.5	220.0
FAYETTE	316.9	355.3	390.0
GRANT	289.3	380.7	367.1
HENRY	323.0	292.3	328.0
JAY	287.2	314.5	272.8
MADISON (PR)	239.9	342.6	311.4
RANDOLPH	241.4	268.4	291.7
TIPTON (PR)	175.8	262.2	274.1
UNION	143.8*	229.5*	174.3*
WAYNE	300.3	353.9	302.7
Regional Rate	270.7	334.1	316.0
Statewide Rate	246.1	260.1	261.2

*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: Madison saw an increase in 2022-2023. Blackford saw a drop 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
BLACKFORD	117.5*	92.5*	76.2*
FAYETTE	38.5*	34.2*	94.3
GRANT	74.2	105.7	90.3
HENRY	73.6	65.4	44.8
JAY	84.2*	109.8	74.4*
MADISON (PR)	71.4	77.7	70.8
RANDOLPH	57.3*	49.6*	57.5*
TIPTON (PR)	84.6*	78.7*	52.2*
UNION	(S)	(S)	(S)
WAYNE	36.2	39.3	31.6
Regional Rate	65.3	71.2	64.1
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. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Rates are low for Wayne compared to the region. Rates are high for Grant compared to the region. Grant saw an increase in 2022-2023.

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
BLACKFORD	33.6*	33.6*	33.9*
FAYETTE	60.0*	55.6*	30.0*
GRANT	69.7	65.0	34.6
HENRY	28.6*	32.7*	24.4*
JAY	39.6*	59.9*	5.0*
MADISON (PR)	61.5	43.0	41.0
RANDOLPH	53.2*	41.3*	28.8*
TIPTON (PR)	39.1*	6.6*	6.5*
UNION	57.5*	28.7*	43.6*
WAYNE	69.4	52.9	57.2
Regional Rate	56.8	46.5	36.1
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 high for Indiana. Rates are decreasing both for this region and for the state. Grant saw a drop in 2023-2024.



Trauma & Injury Prevention

ED Visits From Overdoses

Table 29. Overdoses, ED Visit Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
BLACKFORD	310.4	285.9	228.5
FAYETTE	398.3	372.4	257.1
GRANT	431.7	365.6	261.8
HENRY	269.9	310.7	185.4
JAY	193.1	219.6	213.3
MADISON (PR)	326.4	326.8	253.3
RANDOLPH	286.5	235.4	189.0
TIPTON (PR)	208.3	196.6	143.6
UNION	(S)	86.0*	(S)
WAYNE	378.7	313.0	251.5
Regional Rate	330.7	311.0	232.5
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. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Rates are low for Jay and Tipton compared to the region. Rates are decreasing both for this region and for the state. Fayette and Henry saw drops in 2023-2024.



Trauma & Injury Prevention

Hospitalizations From Overdoses

Table 30. Overdoses, Hospitalization Rates per 100,000 by County, 2022-2024			
County	2022	2023	2024
BLACKFORD	50.3*	84.1*	101.6*
FAYETTE	158.5	196.9	184.3
GRANT	63.6	66.5	88.8
HENRY	87.9	63.4	61.1
JAY	74.3*	59.9*	59.5*
MADISON (PR)	101.0	98.1	82.7
RANDOLPH	98.2	111.5	94.5
TIPTON (PR)	65.1*	(S)	45.7*
UNION	(S)	71.7*	72.6*
WAYNE	166.0	133.1	197.3
Regional Rate	101.4	95.3	103.6
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 between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Rates are low for Grant and Henry compared to the region. Rates are high for Fayette and Wayne compared to the region. Wayne 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
BLACKFORD	25.2*	25.2*	16.9*
FAYETTE	38.5*	30.0*	21.4*
GRANT	63.6	54.4	24.1*
HENRY	20.4*	22.5*	14.3*
JAY	34.7*	25.0*	5.0*
MADISON (PR)	44.8	29.4	22.4
RANDOLPH	49.1*	20.6*	12.3*
TIPTON (PR)	6.5*	0.0*	0.0*
UNION	57.5*	28.7*	43.6*
WAYNE	58.8	39.3	45.2
Regional Rate	44.8	32.3	23.2
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 are high for Wayne compared to the region. Rates for this region are high 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
BLACKFORD	142.6*	92.5*	59.2*
FAYETTE	179.9	158.4	64.3*
GRANT	125.7	104.2	70.7
HENRY	94.0	100.1	38.7*
JAY	69.3*	74.9*	64.5*
MADISON (PR)	126.0	129.1	92.4
RANDOLPH	130.9	82.6	53.4*
TIPTON (PR)	45.6*	72.1*	45.7*
UNION	(S)	(S)	(S)
WAYNE	153.9	111.9	79.8
Regional Rate	123.1	110.2	71.5
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 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
BLACKFORD	(S)	(S)	(S)
FAYETTE	47.1*	59.9*	51.4*
GRANT	7.6*	22.7*	25.6*
HENRY	24.5*	(S)	18.3*
JAY	(S)	(S)	(S)
MADISON (PR)	28.1	25.7	17.1
RANDOLPH	24.6*	28.9*	24.7*
TIPTON (PR)	(S)	(S)	(S)
UNION	(S)	(S)	(S)
WAYNE	36.2	42.3	57.2
Regional Rate	24.6	26.5	26.8
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: Rates are high for Wayne compared to the region. Rates are increasing for this region but not for the state.

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
BLACKFORD	3	3	2
FAYETTE	9	7	5
GRANT	42	36	16
HENRY	10	11	7
JAY	7	5	1
MADISON (PR)	59	39	30
RANDOLPH	12	5	3
TIPTON (PR)	1	0	0
UNION	4	2	3
WAYNE	39	26	30
Regional Total	186	134	97
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. Madison and Wayne saw drops in 2022-2023. Grant 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
BLACKFORD	0	0	0
FAYETTE	0	0	0
GRANT	0	2	1
HENRY	0	1	1
JAY	0	0	0
MADISON (PR)	0	0	0
RANDOLPH	2	0	0
TIPTON (PR)	1	0	0
UNION	0	0	0
WAYNE	0	0	0
Regional Total	3	3	2
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: Grant and Henry saw increases in 2022-2023. Randolph and Tipton saw drops in 2022-2023. Grant saw a drop 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
BLACKFORD	2	1	0
FAYETTE	0	1	2
GRANT	2	1	1
HENRY	2	1	3
JAY	0	0	0
MADISON (PR)	19	8	2
RANDOLPH	0	1	0
TIPTON (PR)	0	0	0
UNION	0	1	0
WAYNE	9	8	7
Regional Total	34	22	15
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: Counts are decreasing both for this region and for the state. Madison saw a drop in 2022-2023. Madison 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
BLACKFORD	0	1	0
FAYETTE	0	2	0
GRANT	2	8	2
HENRY	0	2	3
JAY	0	0	0
MADISON (PR)	7	7	10
RANDOLPH	0	0	0
TIPTON (PR)	0	0	0
UNION	0	0	0
WAYNE	10	7	10
Regional Total	19	27	25
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: Grant saw an increase in 2022-2023. Grant saw a drop 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
BLACKFORD	3	0	1
FAYETTE	7	6	3
GRANT	22	11	13
HENRY	4	7	9
JAY	3	4	1
MADISON (PR)	33	23	24
RANDOLPH	7	3	4
TIPTON (PR)	2	0	0
UNION	1	1	0
WAYNE	21	16	14
Regional Total	103	71	69
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. Grant and Madison saw drops in 2022-2023.



Trauma & Injury Prevention

Death Counts From Overdoses, Synthetic Opioid

Table 39. Synthetic Opioid Overdoses, Death Counts by County, 2022-2024			
County	2022	2023	2024
BLACKFORD	2	3	1
FAYETTE	9	7	5
GRANT	39	35	16
HENRY	8	11	7
JAY	7	5	1
MADISON (PR)	50	38	29
RANDOLPH	11	4	3
TIPTON (PR)	1	0	0
UNION	2	2	3
WAYNE	36	23	29
Regional Total	165	128	94
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. Madison and Wayne saw drops in 2022-2023. Grant saw a drop in 2023-2024.

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
BLACKFORD	1,196.2	1,154.6	1,087.4
FAYETTE	1,580.0	1,436.6	1,320.8
GRANT	1,085.0	1,079.0	1,021.9
HENRY	1,329.5	1,219.4	1,104.5
JAY	796.2	818.1	759.1
MADISON (PR)	1,096.4	1,061.1	970.5
RANDOLPH	877.5	926.9	889.8
TIPTON (PR)	858.0	832.2	783.9
UNION	794.7	675.5	586.3
WAYNE	1,082.4	1,050.9	974.2
Regional Rate	1,108.5	1,070.4	989.8
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 Jay and Union compared to the region. Rates are high for Fayette compared to the region. Rates for this region are high for Indiana. Rates are decreasing both for this region and for the state. Fayette saw a drop in 2022-2023.

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
BLACKFORD	50.3*	8.4*	33.9*
FAYETTE	21.4*	21.4*	21.4*
GRANT	12.1*	36.3	15.0*
HENRY	14.3*	14.3*	22.4*
JAY	19.8*	20.0*	19.8*
MADISON (PR)	17.5	25.7	21.6
RANDOLPH	24.6*	16.5*	12.3*
TIPTON (PR)	32.5*	19.7*	13.1*
UNION	14.4*	0.0*	29.1*
WAYNE	16.6*	27.2*	15.1*
Regional Rate	18.3	24.1	19.1
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
BLACKFORD	109.1*	117.7*	101.6*
FAYETTE	111.4	128.4	137.1
GRANT	184.8	161.6	141.4
HENRY	143.1	190.1	250.6
JAY	118.8	79.9*	94.2*
MADISON (PR)	140.4	175.8	143.0
RANDOLPH	98.2	95.0	90.4
TIPTON (PR)	110.7*	65.5*	52.2*
UNION	(S)	(S)	(S)
WAYNE	125.2	151.2	135.5
Regional Rate	135.8	151.4	142.1
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. * = Unstable (count is between 5 and 19). (S) = Suppressed (count is less than 5).*

Key takeaways: Rates are low for Randolph compared to the region. Rates are high for Henry compared to the region. Henry 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
BLACKFORD	(S)	50.4*	84.6*
FAYETTE	68.5*	47.1*	77.1*
GRANT	16.7*	30.2	31.6
HENRY	36.8*	32.7*	28.5*
JAY	39.6*	44.9*	24.8*
MADISON (PR)	33.4	37.0	29.8
RANDOLPH	49.1*	28.9*	32.9*
TIPTON (PR)	(S)	(S)	(S)
UNION	(S)	(S)	(S)
WAYNE	49.8	60.5	57.2
Regional Rate	35.2	39.0	38.3
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 high for Wayne compared to the region. Wayne saw an increase in 2022-2023.

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
BLACKFORD	6,373	7,810	8,577	6,254	0*
FAYETTE	0*	2,769	10,953	10,895	11,088
GRANT	26,637	33,626	31,865	33,652	34,885
HENRY	15,595	16,901	17,921	17,735	14,811
JAY	7,409	8,660	9,486	9,787	11,704
MADISON (PR)	53,942	57,678	58,769	65,002	67,291
RANDOLPH	6,889	7,755	7,866	8,598	8,876
TIPTON (PR)	5,089	6,189	6,738	6,985	7,570
UNION	0*	0*	0*	0*	0*
WAYNE	36,226	26,689	32,313	33,531	32,799
Regional Total	158,160	168,077	184,488	192,439	189,024
Statewide Total	835,498	934,002	995,892	1,017,665	1,017,155
<i>Data Source: Indiana Hospital Association (IHA) Hospital Discharge dataset. Source is same for state and county. PR = partially rural. * = No emergency departments within the county.</i>					

Key takeaways: Counts are increasing both for this region and for the state. Grant saw an increase in 2020-2021. Wayne saw a drop in 2020-2021. Fayette and Wayne saw increases in 2021-2022. Madison saw an increase in 2022-2023.

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
BLACKFORD	73.0
FAYETTE	71.8
GRANT	71.9
HENRY	74.2
JAY	74.2
MADISON (PR)	73.8
RANDOLPH	74.1
TIPTON (PR)	76.0
UNION	75.5
WAYNE	72.6
Regional Average	73.4
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
BLACKFORD	810	725	657	770	1,048
FAYETTE	535	577	644	777	677
GRANT	717	869	735	716	626
HENRY	806	1,159	637	485	496
JAY	1,003	893	418	521	966
MADISON (PR)	491	392	352	317	404
RANDOLPH	776	877	614	1,108	848
TIPTON (PR)	731	756	457	364	384
UNION	2,147	7,299	1,000	2,807	1,921
WAYNE	326	299	192	203	203
Regional Ratio	550	519	389	384	418
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 Wayne compared to the region. Values are high for Blackford, Fayette, Grant, Henry, Jay, Randolph, and Union compared to the region. Values for this region are high for Indiana. Union saw an increase in 2015-2017. Union saw a drop in 2017-2019. Union saw an increase in 2019-2021.

Geospatial Analysis

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

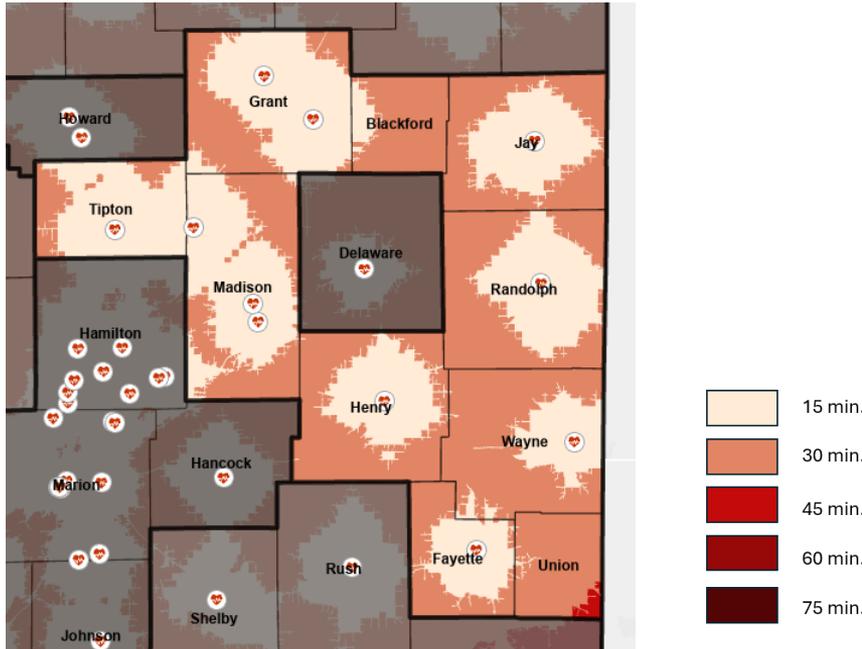
Metric: **Drive-time analysis of local emergency departments*** and
Drive-time analysis of local birthing hospitals*

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

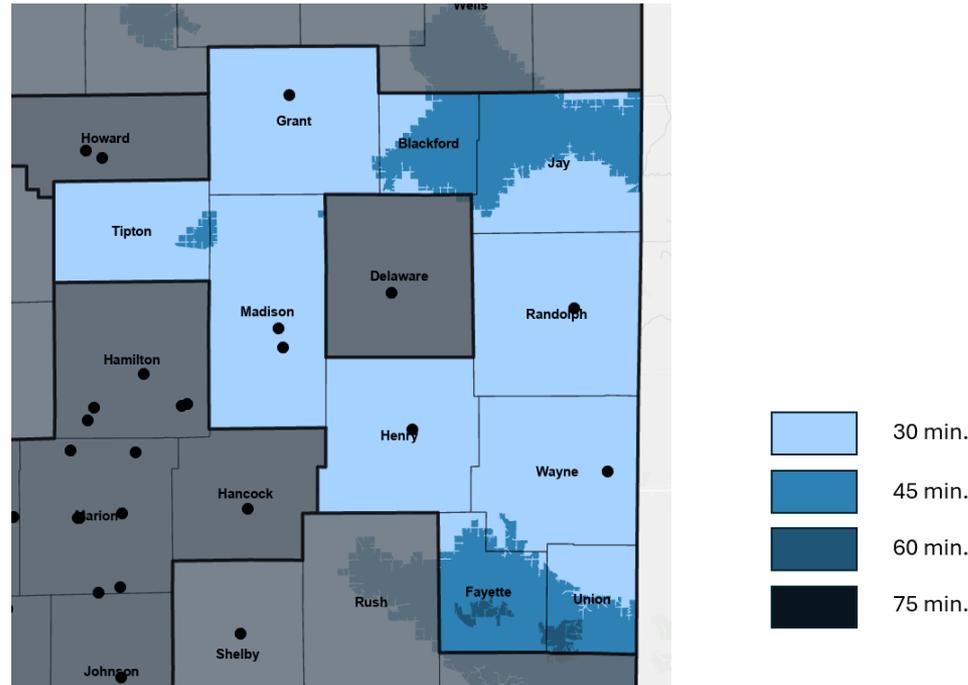
Drive-time to emergency departments



Key takeaways: Most residents in this region can access emergency care within a 15 or 30 minute drive. **Parts of Union county exhibit longer drive-times, up to 45 minutes.**

Geospatial Analysis

Drive-time to birthing hospitals



Key takeaways: Most counties in this region exhibit drive-times of 30 minutes or less to an Indiana birthing facility. However, some residents of Blackford, Jay, Tipton, Fayette and Union **may travel between 45 and 60 minutes to receive care at an Indiana facility.**