



**KENTUCKY INJURY PREVENTION  
AND RESEARCH CENTER**

# **Injury-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents, 2018–2022**

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## **Prepared by**

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**Table 1. Injury-Related Inpatient Hospitalizations and Billing Charges among Pregnant and Postpartum Kentucky Residents, 2018–2022**

Year	Number of Hospitalizations	Total Cost	Median Cost
2018	142	\$5,577,246	\$17,811
2019	177	\$4,427,966	\$15,544
2020	187	\$5,959,802	\$17,640
2021	209	\$6,663,263	\$15,885
2022	167	\$5,391,894	\$18,038
Total	882	\$20,020,171	\$16,978

Charges are based on counts that represent encounters of care and reflect hospital billing charges. Counts represent encounters of care and could be greater than the number of individual patients treated.

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**Table 2. Injury-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents by Age Group, 2018–2022**

Age Group	Count	Percentage (%)
12–17 years old	29	3.3
18–24 years old	314	35.6
25–34 years old	447	50.7
35–44 years old	86	9.8
45 years and older	6	0.7
Total	882	100.0

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**Table 3. Injury-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents by Race, 2018–2022**

Race	Count	Percentage (%)
Black	186	21.1
White	670	76.0
Other	26	2.9
Total	882	100.0

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**Table 4. Billing Charges for Injury-Related Inpatient Hospitalizations by Injury Cause among Pregnant and Postpartum Kentucky Residents, 2018–2022**

<b>Injury Cause</b>	<b>Total Charges (\$)</b>	<b>Median Charges (\$)</b>
Cut/Pierce	\$219,131	\$10,392
Drowning/Submersion	*	*
Fall	\$6,781,836	\$16,317
Fire/Flame	*	*
Hot Object/Substance	*	*
Firearm	\$1,799,441	\$75,118
Machinery	\$0	\$0
Motor Vehicle Traffic	\$10,545,492	\$22,636
Motor Vehicle Non-Traffic	\$881,127	\$35,365
Pedal Cyclist, Other	*	*
Pedestrian, Other	*	*
Other Land Transport	*	*
Other Transport	*	*
Bite and Sting	\$590,693	\$17,535
Natural/Environmental	\$206,167	\$21,970
Overexertion	*	*
Poisoning, Drug	\$1,812,410	\$12,963
Poisoning, Non-Drug	\$148,736	\$17,892
Struck by/Against	\$938,798	\$15,885
Suffocation	\$1,700,339	\$54,262
Intimate Partner Violence	\$292,381	\$13,321
Foreign Body	\$292,494	\$35,948
Other Specified, Not Elsewhere Classifiable	\$1,482,086	\$11,949

Charges are based on counts that represent encounters of care and reflect hospital billing charges. Counts represent encounters of care and could be greater than the number of individual patients treated. Due to rounding, percentages may not add up precisely to 100%. \*Certain cells have been suppressed because either 1) the observed number of events is very small (a count of at least one but less than five) and not appropriate for publication or 2) the observed number could be used to calculate the number in a cell that has been suppressed.

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**Table 5. Billing Charges for Injury-Related Inpatient Hospitalizations by Injury Intent among Pregnant and Postpartum Kentucky Residents, 2018–2022**

<b>Injury Intent</b>	<b>Count</b>	<b>Total Charges (\$)</b>	<b>Median Charges (\$)</b>
Unintentional	739	\$24,423,880	\$17,886
Self-Harm	*	*	*
Assault	76	\$2,519,757	\$14,032
Undetermined	*	*	*

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**Table 6. Injury-Related Inpatient Hospitalizations by Injury Cause and Intent among Pregnant and Postpartum Kentucky Residents**

Injury Cause	Injury Intent			
	Unintentional	Self-Harm	Assault	Undetermined
Cut/Pierce	7	11	0	0
Drowning/Submersion	0	*	0	0
Fall	*	0	*	0
Fire/Flame	*	0	0	0
Hot Object/Substance	*	0	0	0
Firearm	7	0	*	*
Machinery	0	0	0	0
Motor Vehicle Traffic	*	*	0	0
Motor Vehicle Non-Traffic	9	0	0	0
Pedal Cyclist, Other	*	0	0	0
Pedestrian, Other	*	0	0	0
Other Land Transport	*	0	0	0
Other Transport	*	0	0	0
Bite and Sting	31	0	0	0
Natural/Environmental	8	0	0	0
Overexertion	*	0	0	0
Poisoning, Drug	*	44	*	0
Poisoning, Non-Drug	9	0	0	0
Struck by/Against	*	*	28	0
Suffocation	*	*	0	0
Intimate Partner Violence	0	0	15	0
Foreign Body	5	0	0	0
Other Specified, Not Elsewhere Classifiable	63	*	24	0

Charges are based on counts that represent encounters of care and reflect hospital billing charges. Counts represent encounters of care and could be greater than the number of individual patients treated. Due to rounding, percentages may not add up precisely to 100%. \*Certain cells have been suppressed because either 1) the observed number of events is very small (a count of at least one but less than five) and not appropriate for publication or 2) the observed number could be used to calculate the number in a cell that has been suppressed.

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**Table 7. Billing Charges for Fall-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents, 2018–2022**

Count	Total Charges (\$)	Median Charges (\$)
309	\$6,781,836	\$16,317

Charges are based on counts that represent encounters of care and reflect hospital billing charges. Counts represent encounters of care and could be greater than the number of individual patients treated. Due to rounding, percentages may not add up precisely to 100%.

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**Table 8. Discharge Status of Fall-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents, 2018–2022**

Discharge Status	Count	Percentage (%)
Routine Discharge (Home/Self Care)	290	93.9
Left/Discontinued Care	10	3.2
Inpatient	*	*
Another Health Care Facility	*	*
Home Health	*	*
Law Enforcement	*	*
Total	309	100.0

Counts represent encounters of care and could be greater than the number of individual patients treated. Due to rounding, percentages may not add up precisely to 100%. \*Certain cells have been suppressed because either 1) the observed number of events is very small (a count of at least one but less than five) and not appropriate for publication or 2) the observed number could be used to calculate the number in a cell that has been suppressed.

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**Table 9. Billing Charges for Motor Vehicle Traffic and Non-Traffic Collision Injury-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents by Age Group, 2018-2022**

Age Group	Count	Total Charges (\$)	Median Charges (\$)
12–17 years old	8	\$232,027	\$29,919
18–24 years old	84	\$3,731,218	\$19,689
25–34 years old	117	\$6,255,580	\$23,253
35–44 years old	19	\$1,207,795	\$34,631
45 years and older	0	\$0	\$0
Total	228	\$11,426,620	\$23,159

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**Table 10. Discharge Status of Motor Vehicle Traffic and Non-Traffic Collision Injury-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents, 2018–2022**

<b>Discharge Status</b>	<b>Count</b>	<b>Percentage (%)</b>
Routine Discharge (Home/Self Care)	204	89.5
Another Health Care Facility	14	6.1
Left/Discontinued Care	6	2.6
Inpatient	*	*
Home Health	*	*
<b>Total</b>	<b>228</b>	<b>100.0</b>

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**Table 11. Billing Charges for Drug Poisoning-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents by Age Group, 2018–2022**

Age Group	Count	Total Charges (\$)	Median Charges (\$)
12–17 years old	0	\$0	\$0
18–24 years old	36	\$582,679	\$11,127
25–34 years old	31	\$949,385	\$14,047
35–44 years old	*	*	*
45 years and older	*	*	*
<b>Total</b>	<b>78</b>	<b>\$1,812,410</b>	<b>\$12,963</b>

Charges are based on counts that represent encounters of care and reflect hospital billing charges. Counts represent encounters of care and could be greater than the number of individual patients treated. Due to rounding, percentages may not add up precisely to 100%. \*Certain cells have been suppressed because either 1) the observed number of events is very small (a count of at least one but less than five) and not appropriate for publication or 2) the observed number could be used to calculate the number in a cell that has been suppressed.

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**Table 12. Discharge Status of Drug Poisoning-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents, 2018–2022**

<b>Discharge Status</b>	<b>Count</b>	<b>Percentage (%)</b>
Routine Discharge (Home/Self Care)	55	70.5
Another Health Care Facility	13	16.7
Left/Discontinued Care	5	6.4
Inpatient	*	*
Law Enforcement	*	*
<b>Total</b>	<b>78</b>	<b>100.0</b>

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**Table 11. Billing Charges for Intimate Partner Violence Injury-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents by Age Group, 2018–2022**

Age Group	Count	Total Charges (\$)	Median Charges (\$)
12–17 years old	*	*	*
18–24 years old	6	\$63,805	\$12,854
25–34 years old	5	\$110,845	\$17,676
35–44 years old	*	*	*
45 years and older	15	\$292,381	\$13,321

Charges are based on counts that represent encounters of care and reflect hospital billing charges. Counts represent encounters of care and could be greater than the number of individual patients treated. Due to rounding, percentages may not add up precisely to 100%. \*Certain cells have been suppressed because either 1) the observed number of events is very small (a count of at least one but less than five) and not appropriate for publication or 2) the observed number could be used to calculate the number in a cell that has been suppressed.

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**Table 12. Discharge Status of Intimate Partner Violence Injury-Related Inpatient Hospitalizations among Pregnant and Postpartum Kentucky Residents, 2018–2022**

Discharge Status	Count	Percentage (%)
Routine Discharge (Home/Self Care)	13	86.7
Law Enforcement	*	*
Left/Discontinued Care	*	*
Total	15	100.0

Charges are based on counts that represent encounters of care and reflect hospital billing charges. Counts represent encounters of care and could be greater than the number of individual patients treated. Due to rounding, percentages may not add up precisely to 100%. \*Certain cells have been suppressed because either 1) the observed number of events is very small (a count of at least one but less than five) and not appropriate for publication or 2) the observed number could be used to calculate the number in a cell that has been suppressed.

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## Definitions

Pregnancy and postpartum cases were defined by any of the following ICD-10-CM codes in any field: Z3A, Z33, Z39, O9A with a 4th character of 2, 3, or 4.

Fall injuries were defined by any of the following ICD-10-CM codes in any field: V000 with a 6th character of 1, W00–W15, W16 with a 6th character of 2, W16.42, W16.92, W17, W18.1–W18.3, or W19.

Motor vehicle injuries were defined by any of the following ICD-10-CM codes in any field: V20.0–V29.0 with a 4th character of 0 or 4, V02.0–V04.0, V09.0, V09.2, V12.0–V14.0, V19.0, V19.2, V19.4, V19.6, V30.0–V79.0, V80.3–V80.5, V81.0, V81.1, V82.0, V82.1, V86.0, V87.0–V87.8, V88.0–V88.8, V89.0, or V89.2 with a 4th character of 0 or 5 and a 7th character of 'A' or missing.

Drug poisoning injuries were defined by any of the following ICD-10-CM codes in any field: T36–T50 with a 6th character of 1, 2, 3, or 4, and T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, or T49.9 with a 5th character of 1, 2, 3, or 4.

Intimate partner violence injuries were defined by any of the following ICD-10-CM codes in any field: T74 with a 4th character of 0, 1, 2, 4, 5, 6, or 9, and T76 with a 4th character of 0, 1, 2, 4, 5, 6, or 9.

## Data Source

Kentucky Inpatient Hospitalization Claims Files, Office of Health Data and Analytics, Cabinet for Health and Family Services.

## Disclaimers

Data are provisional and subject to change. Counts greater than zero but less than five are suppressed in accordance with state data management policy.

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