



**KENTUCKY INJURY PREVENTION
AND RESEARCH CENTER**

Nonfatal Violence-Related Injury Report, 2019–2024

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Contents

Introduction..... 1

 Definitions..... 2

 Executive Summary 4

Table 1: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries in Kentucky, 2019–2024 5

Table 2: Counts of assault injuries by age and biological sex among Kentucky resident ED visits and inpatient hospitalizations, 2019–2024 6

Table 3: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries in Kentucky, by primary mechanism, 2019–2024 7

Table 4: Counts[†] and crude rates[‡] of assault injuries among Kentucky resident ED visits and inpatient hospitalizations by Area Development District, 2019–2024 8

Table 5: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries from sexual violence, suspected intimate partner violence, and pregnancy-associated violence in Kentucky, 2019–2024..... 10

Table 6: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries from nonfatal child abuse & neglect and adult abuse in Kentucky, 2019–2024..... 11

Table 7: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries from adult abuse in Kentucky, 2019–2024 12

Table 8: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries from nonfatal child abuse and neglect in Kentucky, 2019–2024..... 13

Table 9: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries from sexual violence in Kentucky, 2019–2024..... 14

Table 10: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries from pregnancy-associated violence in Kentucky, 2019–2024 15

Table 11: Demographic characteristics of Kentucky residents who received ED or inpatient treatment for assault injuries from suspected intimate partner violence in Kentucky, 2019–2024 16

Table 12: Counts[†] and rates[‡] of assault injuries by abuse type among Kentucky residents who received ED or inpatient treatment by Area Development Districts, 2019–2024 17

Table 13: Counts[†] and rates[‡] of assault injuries from adult abuse among Kentucky residents who received ED or inpatient treatment in Kentucky, by Area Development District, 2019–2024..... 19

Table 14: Counts[†] and rates[‡] of assault injuries from nonfatal child abuse and neglect among Kentucky residents who received ED or inpatient treatment in Kentucky, by Area Development District, 2019–2024..... 21

Table 15: Counts[†] and rates[‡] of assault injuries from sexual violence among Kentucky residents who received ED or inpatient treatment in Kentucky, by Area Development District, 2019–2024..... 23

Table 16: Counts[†] and rates[‡] of assault injuries from pregnancy-associated violence among Kentucky residents who received ED or inpatient treatment in Kentucky, by Area Development District, 2019–2024..... 25

Table 17: Counts[†] and rates[‡] of assault injuries from suspected intimate partner violence among Kentucky residents who received ED or inpatient treatment in Kentucky, by Area Development District, 2019–2024..... 27

Introduction

This report presents the burden of emergency department (ED) visits and inpatient hospitalizations due to violence-related injuries among Kentucky residents. This report is supported by the Centers for Disease Control and Prevention (CDC) of the U.S. Department of Health and Human Services (HHS) as part of Cooperative Agreement Number 5 NU17CE010182-03-00 totaling \$550,000 with 0% financed with nongovernmental sources. The contents are those of the authors and do not necessarily represent the official views of, nor an endorsement by, CDC, HHS, or the U.S. government. For more information, please visit CDC.gov.

Events represent encounters of care and may be greater than the total number of Kentucky residents who visited an emergency department (ED) or had an inpatient hospital stay. Non-Kentucky residents visiting a Kentucky ED or inpatient hospital are not included in the counts of events. This report also does not include events for Kentucky residents who visited an ED or inpatient hospital located outside of the Commonwealth. These limitations result in a likely undercount of assault ED or inpatient hospital encounters among Kentucky residents.

Several of the abuse indicators included in this report (e.g., suspected intimate partner violence and pregnancy-associated violence) intentionally overlap. These categories are designed to identify trends in violence-related injuries among patients presenting to ED and inpatient facilities over time. Consequently, summing the counts across these overlapping definitions would lead to an inaccurate interpretation of the data. Each category serves to highlight specific patterns of violence-related injuries to contribute to a broader understanding of the burden of such injuries.

The “nonfatal child abuse and neglect” and “sexual violence” definitions used in this report conform to the standards set by the Council of State and Territorial Epidemiologists (CSTE) for identifying injury events using hospital records.^{1,2} Due to the complex nature of abuse and its reporting to healthcare providers, data from abuse indicators should be interpreted with caution. Data included in this report should be used to monitor trends for these types of hospital encounters that seek or require medical attention but may not be generalizable to the general population. Please visit the CSTE website on exploratory injury indicators and view their publications on sexual violence ED visits and nonfatal child abuse and neglect hospitalizations to learn more about the limitations and biases of noticing or reporting these types of injuries in healthcare settings.^{1,2}

Numbers greater than zero but less than 11 and rates based on numbers less than 11 were suppressed in accordance with state data management policy. Rates based on numbers less than 20 are unstable and should be interpreted with caution. Population estimates are based on the U.S. Census Bureau’s Annual County Resident Population Estimates by Single Year of Age and Sex.³ The Centers for Disease Control and Prevention’s (CDC’s) guidelines on estimating pregnant women in a geographical area were followed to calculate the rate of violence-associated injuries during pregnancy.⁴ Data on live births, late pregnancy losses, and induced abortion, used to estimate pregnant women in the population, come from the CDC.⁵⁻⁷

Definitions

The data sources for the Kentucky resident data in this report are the Kentucky Outpatient Services Database Files and Inpatient Hospitalization Claims Files, Office of Data Analytics, Cabinet for Health and Family Services. Data are provisional and subject to change. Only events representing initial encounters were included in this report, where applicable, as determined by a seventh character in the ICD-10-CM code of “A” or missing. Data indicating the mechanism of injuries is produced using the National Center for Health Statistics (NCHS) ICD-10-CM external cause-of-injury matrix.⁸ All tables representing the mechanism data intentionally excluded counts from “other specified, child/adult abuse” in lieu of more specific “abuse indicators” portrayed in this report. The “nonfatal child abuse and neglect” and “sexual violence” definitions used in this report conform to the standards set by the CSTE for identifying injury events using hospital records.^{1,2} The identification of violence-related ED or inpatient hospital visits were based on ICD-10-CM codes listed under any diagnosis category, not solely on the primary diagnosis. The following ICD-10-CM codes were used to identify the cause and manner of violence-related injuries:

Primary Mechanism of injury	ICD-10-CM Code	Description
Cut or pierce	X99	Assault by sharp object
Fall	Y01	Assault by pushing from a high place
Firearm	X93, X94, X95.8, X95.9, Y38.4	Assault by handgun, rifle, shotgun (or other larger firearm), unspecified firearm discharge, and terrorism involving firearms
Struck by or against	Y00, Y04, Y08.0	Assault by a blunt object, bodily force, or strike by sport equipment (including blunt force trauma)
Other	X92, T54.1X3, T54.2X3, T54.3X3, T54.93, X97, X98, Y38.8, Y02.0, Y02.1, Y03, Y08.81, Y38.1, [T63.0-T63.8] (with 6th character of 3), T63.93, T65.823, [T36-T53, T55-T62, T65.0X-T65.81, T65.83, T65.89] (with 6th character of 3), [T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, T49.9, T51.9, T52.9, T53.9, T56.9, T57.9, T58.0, T58.1, T58.9, T59.9, T60.9, T61.0, T61.1, T61.9, T62.9, T64, T65.9] (with fifth character of 3), T54.0X3, Y38.7, [T71] (with 6th character of 3), X95.0, X96, Y02.8, Y07, Y38.0, Y38.2, Y38.5, Y38.6, Y38.81, Y38.89, Y38.9, Y08.89, Y09, Y38.80	Assault by: <ul style="list-style-type: none"> • Drowning or submersion • Fire or burns • Suffocation • Bombs and explosives • Terrorism • Motor vehicles or other transportation • Venomous bites or stings • Drug poisoning • Toxic effects of plants and other substances

Abuse Indicators	ICD-10-CM Code	Description
Sexual violence	T74.21, T74.22, T76.21, T76.22, O9A.4	Confirmed and suspected sexual abuse in children and adults of all ages, including sexual abuse complicating pregnancy
Nonfatal child abuse and neglect	T74.02, T74.12, T74.22, T74.32, T74.4, T74.92, T76.02, T76.12, T76.22, T76.32, T76.92	Confirmed and suspected child physical, sexual, and psychological abuse, neglect, abandonment, including shaken infant syndrome, in patients under the age of 18
Adult abuse	T74.01, T74.11, T74.21, T74.31, T74.91, T76.01, T76.11, T76.21, T76.31, T76.91, O9A2, O9A3, O9A4, O04, Z33, Z39, Z3A	Confirmed and suspected physical abuse, sexual abuse, psychological abuse, maltreatment, including violence during pregnancy and other related periods, among patients aged 18 years and above
Suspected intimate partner violence	T7411, T7421, T7431, T7491, T7611, T7621, T7631, T7691, O9A2, O9A3, O9A4, O04, Z33, Z39, Z3A	Confirmed and suspected physical, sexual, psychological abuse or neglect and abandonment among patients above the age of 10
Pregnancy-associated violence (and other related periods)	O9A2, O9A3, O9A4, O04, Z33, Z39, Z3A	Physical abuse, sexual abuse, injury, or poisoning complicating pregnancy, childbirth, or the puerperium, or violence-associated injuries among pregnant and postpartum patients, including violence-associated injuries following an induced termination of pregnancy among patients aged 12 to 55

Executive Summary

- Emergency department (ED) visits and inpatient hospitalizations for assault-related injuries increased 2.1% (+284 visits) from 2023 to 2024 across Kentucky.
- Although assault-related visits remain concentrated among ages 15–44, the largest year-over-year increases from 2023 to 2024 occurred in children aged <10 (+17.5%) and adults aged ≥65 (+16.5%).
- From 2019 to 2024, “struck by/against” was the most common mechanism for assault-related injuries seen in hospitals, accounting for 72.3% of cases, followed by cut/pierce (4.1%), firearm (2.6%), and fall injuries (1.1%).
- Compared with 2019, the crude rate of assault-related visits declined across every Area Development District (ADD) in 2024.
- From 2019 to 2024, there were 923 ED visits and inpatient hospitalizations for pregnancy-associated violence among White females and 624 among Black females.
- From 2019 to 2024, sexual-violence visits were highest among persons aged 15–24 (2,654) and second highest among children <10 (1,965).
- ED visits from child abuse and neglect are more common among female children (62.9%).
- The majority of child abuse and neglect–related ED or inpatient visits involved children aged ≤4 (52.6%).
- From 2019 to 2024, the crude rate of child abuse and neglect increased the most in the FIVCO, Gateway, and Northern Kentucky ADDs—by +55.2, +100.6, and +25.5 visits per 100,000 persons, respectively.
- The Gateway region experienced higher rates of adult abuse, intimate partner violence, sexual violence, and child abuse and neglect in 2024, compared to 2019.

Table 1: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries in Kentucky, 2019–2024

Characteristic	2019	2020	2021	2022	2023	2024	Total
Total	15,433	13,459	12,777	12,223	13,162	13,446	80,464
Sex							
Male	8,118	7,036	6,725	6,305	6,618	6,577	41,379
Female	7,315	6,423	6,052	5,918	6,508	6,869	39,085
Race							
White	11,567	10,033	9,539	8,979	9,497	9,683	59,298
Black	3,556	3,173	2,899	2,827	3,193	3,295	18,943
Other	310	253	339	417	435	468	2,222
Age Category							
10 and under	437	335	386	354	493	596	2,601
11–14	679	347	472	665	777	732	3,672
15–24	3,798	3,071	2,837	2,915	3,091	3,204	18,916
25–34	3,953	3,491	3,230	2,881	2,993	3,078	19,626
35–44	3,029	2,781	2,669	2,360	2,489	2,464	15,792
45–54	1,941	1,899	1,699	1,656	1,643	1,757	10,595
55–64	1,176	1,093	1,048	946	1,135	1,010	6,408
65+	420	442	436	446	505	605	2,854

Data produced using the NCHS ICD-10-CM external cause-of-injury matrix. Counts from “other specified, child/adult abuse” were intentionally excluded.

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 2: Counts of assault injuries by age and biological sex among Kentucky resident emergency department visits and inpatient hospitalizations, 2019–2024

Age category/sex	2019	2020	2021	2022	2023	2024	Total
10 or under							
Male	263	184	213	202	274	311	1,447
Female	174	151	173	152	219	285	1,154
11–14							
Male	385	171	264	362	424	404	2,010
Female	294	176	208	303	353	328	1,662
15–24							
Male	1,943	1,519	1,411	1,400	1,474	1,440	9,187
Female	1,855	1,552	1,426	1,515	1,617	1,764	9,729
25–34							
Male	1,924	1,686	1,590	1,416	1,420	1,398	9,434
Female	2,029	1,805	1,640	1,465	1,573	1,680	10,192
35–44							
Male	1,545	1,469	1,341	1,177	1,193	1,181	7,906
Female	1,484	1,312	1,328	1,183	1,296	1,283	7,886
45–54							
Male	1,077	1,052	990	911	853	903	5,786
Female	864	847	709	745	790	854	4,809
54–64							
Male	742	717	677	582	708	606	4,032
Female	434	376	371	364	427	404	2,376
65+							
Male	239	238	239	255	272	334	1,577
Female	181	204	197	191	233	271	1,277

Data produced using the NCHS ICD-10-CM external cause-of-injury matrix. Counts from “other specified, child/adult abuse” were intentionally excluded.

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Table 3: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries in Kentucky, by primary mechanism, 2019–2024

Characteristic	Primary Mechanism				
	Struck by/against	Cut/pierce	Firearm	Fall	Other
Year					
2019	11,577	605	333	110	2,808
2020	9,744	676	463	147	2,429
2021	9,057	574	416	162	2,568
2022	8,641	512	361	148	2,561
2023	9,392	494	270	159	2,811
2024	9,763	475	268	172	2,768
Sex					
Male	29,729	2,430	1,718	416	7,086
Female	28,445	906	393	482	8,859
Race					
White	43,555	2,111	859	723	12,050
Black	13,019	1,121	1,198	157	3,448
Other	1,599	104	54	18	447
Age Category					
10 or under	1,036	25	19	193	1,328
11–14	2,786	65	35	31	755
15–24	14,161	635	734	78	3,308
25–34	14,488	923	591	102	3,522
35–44	11,357	807	381	118	3,129
45–54	7,749	500	223	102	2,021
55–64	4,691	282	90	83	1,262
65+	1,906	99	38	191	620

Data produced using the NCHS ICD-10-CM external cause-of-injury matrix. Counts from “other specified, child/adult abuse” were intentionally excluded.

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Table 4: Counts[†] and crude rates[‡] of assault injuries among Kentucky resident emergency department visits and inpatient hospitalizations by Area Development District, 2019–2024

District	2019	2020	2021	2022	2023	2024	Total
Barren River	808 [†]	625	709	593	700	611	4,046
	258.9 [‡]	199.9	224.5	185.3	216.2	188.7	212.4
Big Sandy	544	462	487	340	269	302	2,404
	388.0	330.6	353.1	250.2	199.8	224.3	292.5
Bluegrass	2,608	2,426	2,271	2,097	2,333	2,420	14,155
	313.1	290.9	272.0	250.1	276.5	286.8	281.7
Buffalo Trace	140	106	95	97	109	141	688
	250.5	189.6	169.9	173.8	194.7	251.8	205.4
Cumberland Valley	830	769	707	739	746	769	4,560
	361.2	334.8	309.2	324.2	327.9	338.8	332.5
FIVCO	341	285	237	246	256	245	1,610
	253.6	212.2	177.6	184.7	193.0	184.7	201.8
Gateway	183	149	146	140	159	148	925
	214.4	174.4	170.8	162.9	183.9	171.1	179.7
Green River	571	536	545	568	526	517	3,263
	263.3	247.3	252.8	264.6	244.6	240.5	252.4
Kentucky River	521	410	382	302	346	314	2,275
	489.2	386.4	364.0	292.9	340.5	309.0	366.4
KIPDA	4,830	4,278	4,020	3,943	4,209	4,422	25,702
	471.5	417.4	393.6	386.7	411.9	432.8	420.1
Lake Cumberland	709	576	543	563	677	649	3,717
	343.2	278.9	261.5	270.3	323.4	310.0	297.2
Lincoln Trail	779	600	641	657	704	769	4,150
	277.5	213.5	226.3	231.6	246.6	269.4	244.5
Northern Kentucky	1,362	1,206	1,069	1,041	1,161	1,159	6,998
	290.7	257.0	226.9	219.7	243.4	243.0	247.1
Pennyrile	607	522	493	472	475	520	3,089
	282.8	243.3	230.1	220.2	222.0	243.0	240.8
Purchase	600	509	432	425	456	460	2,882
	304.1	258.0	219.0	215.8	231.5	233.5	244.0

[‡]Rates are per 100,000 population.

Data produced using the NCHS ICD-10-CM external cause-of-injury matrix. Counts from “other specified, child/adult abuse” were intentionally excluded.

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 5: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries from sexual violence, suspected intimate partner violence, and pregnancy-associated violence in Kentucky, 2019–2024

Characteristic	Suspected intimate partner violence	Sexual violence	Pregnancy-associated violence
Sex			
Female	8,247	7,750	1,594
Male	920	1,103	n/a
Race			
White	7,114	7,045	923
Black	1,803	1,550	624
Other	250	258	47
Age Category			
10 and under	n/a	1,965	n/a
11–14	16	758	12–14 -
15–24	3,123	2,654	15–24 909
25–34	2,636	1,557	25–34 581
35–44	1,610	1,060	35–44 92
45–54	843	508	45–55 *
55–64	430	217	n/a
65+	509	134	n/a

Counts greater than zero but less than 11 are suppressed in accordance with state data management policy and indicated by an asterisk (). In some instances, the second lowest number has been censored to protect a suppressed value, indicated by a dash (-).

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 6: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries from nonfatal child abuse and neglect and adult abuse in Kentucky, 2019–2024

Characteristic	Nonfatal child abuse and neglect	Adult abuse
Sex		
Female	5,154	8,592
Male	3,170	1,204
Race		
White	6,479	7,715
Black	1,574	1,827
Other	271	254
Age Category		
4 or under	4,166	n/a
5–9	1,667	n/a
10–14	1,083	n/a
15–17	1,007	n/a
18–24	n/a	2,914
25–34	n/a	2,660
35–44	n/a	1,637
45–54	n/a	888
55–64	n/a	556
65+	n/a	1,079

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 7: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries from adult abuse in Kentucky, 2019–2024

Characteristic	2019	2020	2021	2022	2023	2024
Sex						
Female	1,488	1,400	1,375	1,441	1,414	1,474
Male	228	211	184	196	201	184
Race						
White	1,411	1,299	1,241	1,261	1,248	1,255
Black	280	282	286	317	318	344
Other	25	30	32	59	49	59
Age Category						
18–24	498	482	460	526	469	479
25–34	499	428	433	430	422	448
35–44	280	269	244	274	302	268
45–54	160	152	149	139	128	160
55–64	96	85	89	89	92	105
65+	173	185	171	172	196	182

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 8: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries from nonfatal child abuse and neglect in Kentucky, 2019–2024

Characteristic	2019	2020	2021	2022	2023	2024
Sex						
Male	519	469	544	526	530	582
Female	789	824	839	852	911	939
Race						
White	1,032	1,052	1,074	1,040	1,119	1,162
Black	234	211	264	279	270	316
Other	42	30	45	59	52	43
Age Category						
4 or under	656	684	709	672	711	734
5–9	273	269	288	287	266	284
10–14	153	121	146	129	162	213
15–17	147	131	156	179	187	207

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 9: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries from sexual violence in Kentucky, 2019–2024

Characteristic	2019	2020	2021	2022	2023	2024
Sex						
Male	173	168	177	205	188	192
Female	1,306	1,188	1,241	1,310	1,345	1,360
Race						
White	1,216	1,110	1,144	1,167	1,202	1,206
Black	238	223	232	289	273	295
Other	25	23	42	59	58	51
Age Category						
10 and under	327	327	315	330	337	329
11–14	122	104	131	117	145	139
15–24	441	390	417	495	450	461
25–34	286	230	243	258	268	272
35–44	173	167	164	176	199	181
45–54	85	86	91	78	74	94
55–64	27	29	35	36	39	51
65+	18	23	22	25	21	25

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Table 10: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries from pregnancy-associated violence in Kentucky, 2019–2024

Characteristic	2019	2020	2021	2022	2023	2024
Sex						
Female	294	295	254	259	223	269
Race						
White	179	184	154	136	121	149
Black	-	-	-	113	93	110
Other	*	*	*	*	*	*
Age Category						
12–14	0	*	*	*	0	*
15–24	160	174	140	155	131	149
25–34	114	105	103	89	73	97
35–44	20	-	-	12	19	17
45–55	0	0	0	*	0	0

*Counts greater than zero but less than 11 are suppressed in accordance with state data management policy and indicated. In some instances, the second lowest number also has been censored to protect a suppressed value and is indicated by a dash (-).

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 11: Demographic characteristics of Kentucky residents who received emergency department or inpatient treatment for assault injuries from suspected intimate partner violence in Kentucky, 2019–2024

Characteristic	2019	2020	2021	2022	2023	2024
Sex						
Male	175	155	140	144	159	147
Female	1,439	1,349	1,316	1,378	1,350	1,415
Race						
White	1,316	1,204	1,149	1,145	1,142	1,158
Black	275	273	274	318	317	346
Other	23	27	33	59	50	58
Age Category						
11–14	*	*	*	*	*	*
15–24	548	518	493	552	496	516
25–34	497	423	430	426	417	443
35–44	276	262	239	269	299	265
45–54	152	148	140	131	121	151
55–64	-	-	-	-	-	-
65+	72	84	82	74	100	97

*Counts greater than zero but less than 11 and rates based on numbers less than 11 are suppressed in accordance with state data management policy. In some instances, the second lowest number also has been censored to protect a suppressed value and is indicated by a dash (-).

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 12: Counts[†] and rates[‡] of assault injuries by abuse type among Kentucky residents who received emergency department or inpatient treatment by Area Development Districts, 2019–2024

District	Adult abuse	Nonfatal child abuse and neglect	Sexual violence	Pregnancy-associated violence	Suspected intimate partner violence
Barren River	745 [†] 17.9 [‡]	376 17.1	521 27.3	73 3.7 ^{††}	687 41.7
Big Sandy	196 10.7	225 23.3	179 21.8	24 3.7	178 24.7
Bluegrass	1,908 17.1	1,954 33.1	1,747 34.8	266 7.1	1,766 40.1
Buffalo Trace	85 11.7	73 18.9	87 26.0	11 1.7	82 28.3
Cumberland Valley	420 14.1	546 32.6	440 32.1	63 6.1	367 31.1
FIVCO	247 13.9	244 26.0	220 27.6	25 3.8	236 33.7
Gateway	163 14.2	160 26.3	141 27.4	14 2.2	142 31.6
Green River	453 16.2	424 28.6	485 37.5	67 7.4	423 37.9
Kentucky River	254 18.4	208 28.5	220 35.4	26 2.5	222 4.1
KIPDA	2,894 21.4	2,277 31.9	2,779 45.4	645 12.7	2,826 520.8
Lake Cumberland	344 12.4	474 32.3	319 25.5	52 4.0	325 29.9
Lincoln Trail	507 13.8	626 32.1	623 36.7	74 4.9	469 32.0
Northern Kentucky	771 12.5	219 6.7	347 12.3	120 4.8	697 28.8
Pennyrile	399 14.4	299 20.4	371 28.9	65 5.6	369 33.8
Purchase	410 15.5	219 15.7	374 31.7	69 6.6	378 36.5

[‡]Rates are per 100,000 population.

^{††}Rates in this column are per 1,000 estimated pregnant females in the population.

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 13: Counts[†] and rates[‡] of assault injuries from adult abuse among Kentucky residents who received emergency department or inpatient treatment in Kentucky, by Area Development District, 2019–2024

District	2019	2020	2021	2022	2023	2024	Total
Barren River	154 [†]	157	134	122	88	90	745
	64.5 [‡]	65.6	55.4	49.8	35.4	36.3	51.0
Big Sandy	59	30	22	35	25	25	196
	53.7	27.4	20.3	32.8	23.6	23.6	30.3
Bluegrass	305	298	299	320	359	327	1,908
	47.0	45.9	45.9	48.8	54.4	49.5	48.6
Buffalo Trace	18	*	*	21	12	13	85
	42.1	*	*	49.1	28.0	30.3	33.1
Cumberland Valley	92	59	74	53	78	64	420
	52.0	33.4	42.1	30.3	44.6	36.6	39.8
FIVCO	46	30	38	49	34	50	247
	43.8	28.6	36.4	47.0	32.6	48.0	39.4
Gateway	23	22	25	31	28	34	163
	34.3	32.7	37.2	46.0	41.2	50.1	40.3
Green River	83	76	69	95	64	66	453
	50.3	46.1	42.0	57.9	38.9	40.1	45.9
Kentucky River	49	50	35	29	47	44	254
	58.8	60.2	42.6	35.9	59.0	55.2	52.0
KIPDA	464	447	459	516	493	515	2,894
	58.5	56.3	57.9	65.1	62.0	64.8	60.8
Lake Cumberland	64	70	52	46	55	57	344
	39.7	43.4	32.1	28.3	33.6	34.8	35.3
Lincoln Trail	74	88	85	87	88	85	507
	34.6	41.1	39.4	40.2	40.3	38.9	39.1
Northern Kentucky	136	136	130	115	104	150	771
	38.3	38.2	36.2	31.8	28.4	41.0	35.6
Pennyrile	77	64	65	61	62	70	399
	47.2	39.3	40.0	37.5	38.2	43.1	40.9
Purchase	72	72	63	57	78	68	410
	46.4	46.4	40.6	36.8	50.2	43.8	44.0

[‡]Rates are per 100,000 population.

The denominator was calculated using the estimated number of people aged 18 years of age or over living in each geographic region.

*Counts greater than zero but less than 11 and rates based on numbers less than 11 are suppressed in accordance with state data management policy. In some instances, the second lowest number also has been censored to protect a suppressed value and is indicated by a dash (-). Rates based on numbers less than 20 are unstable and should be interpreted with caution.

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Table 14: Counts[†] and rates[‡] of assault injuries from nonfatal child abuse and neglect among Kentucky residents who received emergency department or inpatient treatment in Kentucky, by Area Development District, 2019–2024

District	2019	2020	2021	2022	2023	2024	Total
Barren River	72 [†]	42	76	58	67	61	376
	98.2 [‡]	57.2	102.7	77.2	88.7	80.7	84.1
Big Sandy	40	34	42	30	41	38	225
	132.1	112.8	141.9	103.0	143.1	132.7	127.5
Bluegrass	288	340	324	310	335	357	1,954
	156.1	184.5	176.3	169.1	182.8	194.8	177.3
Buffalo Trace	12	*	*	19	12	17	73
	91.6	*	*	146.1	91.7	129.9	93.0
Cumberland Valley	103	95	80	65	103	100	546
	194.3	179.4	151.7	123.1	195.6	189.9	172.3
FIVCO	20	35	48	54	52	35	244
	68.0	119.3	165.4	187.4	183.0	123.2	140.7
Gateway	20	17	27	30	27	39	160
	109.4	93.1	147.8	162.3	145.4	210.0	144.9
Green River	64	67	71	74	78	70	424
	123.3	129.5	138.8	146.1	154.7	138.8	138.4
Kentucky River	58	34	24	35	28	29	208
	250.2	147.5	105.4	156.7	127.6	132.2	153.8
KIPDA	357	315	388	403	369	445	2,277
	154.3	136.4	169.5	177.3	162.7	196.2	165.9
Lake Cumberland	74	95	75	59	96	75	474
	162.7	209.3	164.7	129.8	211.1	164.9	173.7
Lincoln Trail	99	93	96	107	107	124	626
	148.0	139.2	142.5	159.3	159.3	184.6	155.5
Northern Kentucky	25	25	39	41	36	53	219
	22.1	22.1	34.7	36.6	32.3	47.6	32.5
Pennyrile	46	65	36	59	50	43	299
	89.2	126.1	69.8	113.9	96.6	83.1	96.4
Purchase	30	29	51	34	40	35	219
	71.0	68.9	121.4	81.3	96.1	84.0	87.1

[‡]Rates are per 100,000 population.

The denominator was calculated using the estimated number of people under 18 years of age living in each geographic region.

*Counts greater than zero but less than 11 and rates based on numbers less than 11 are suppressed in accordance with state data management policy. In some instances, the second lowest number also has been censored to protect a suppressed value and is indicated by a dash (-). Rates based on numbers less than 20 are unstable and should be interpreted with caution.

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Table 15: Counts[†] and rates[‡] of assault injuries from sexual violence among Kentucky residents who received emergency department or inpatient treatment in Kentucky, by Area Development District, 2019–2024

District	2019	2020	2021	2022	2023	2024	Total
Barren River	94 [†]	70	84	87	87	99	521
	30.1 [‡]	22.4	26.6	27.2	26.9	30.6	27.3
Big Sandy	36	21	27	30	37	28	179
	25.7	15.0	19.6	22.1	27.5	20.8	21.8
Bluegrass	261	277	263	296	335	315	1,747
	31.3	33.2	31.5	35.3	39.7	37.3	34.8
Buffalo Trace	17	11	*	24	14	-	87
	30.4	19.7	*	43.0	25.0	-	26.0
Cumberland Valley	81	70	74	54	85	76	440
	35.3	30.5	32.4	23.7	37.4	33.4	32.1
FIVCO	39	20	40	46	39	36	220
	29.0	14.9	30.0	34.5	29.4	27.1	27.6
Gateway	16	14	24	27	27	33	141
	18.7	16.4	28.1	31.4	31.2	38.2	27.4
Green River	86	68	80	92	88	71	485
	39.7	31.4	37.1	42.9	40.9	33.0	37.5
Kentucky River	48	30	24	36	37	45	220
	45.1	28.3	22.9	34.9	36.4	44.3	35.4
KIPDA	460	430	457	500	461	471	2,779
	44.9	42.0	44.7	49.0	45.1	46.1	45.4
Lake Cumberland	63	46	48	51	52	59	319
	30.5	22.3	23.1	24.5	24.8	28.2	25.5
Lincoln Trail	112	115	105	94	96	101	623
	39.9	40.9	37.1	33.1	33.6	35.4	26.7
Northern Kentucky	48	54	57	53	48	87	347
	10.2	11.5	12.1	11.2	10.1	18.2	12.3
Pennyrile	61	65	54	74	61	56	371
	28.4	30.3	25.2	34.5	28.5	26.2	28.9
Purchase	57	65	71	51	66	64	374
	28.9	32.9	36.0	25.9	33.5	32.5	31.7

[‡]Rates are per 100,000 population.

*Counts greater than zero but less than 11 and rates based on numbers less than 11 are suppressed in accordance with state data management policy. In some instances, the second lowest number also has

been censored to protect a suppressed value and is indicated by a dash (-). Rates based on numbers less than 20 are unstable and should be interpreted with caution.

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 16: Counts[†] and rates[‡] of assault injuries from pregnancy-associated violence among Kentucky residents who received emergency department or inpatient treatment in Kentucky, by Area Development District, 2019–2024

District	2019	2020	2021	2022	2023	2024	Total
Barren River	11 [†]	*	14	11	14	13	73
	3.3 [‡]	*	4.2	3.3	4.3	4.0	3.7
Big Sandy	*	*	*	*	*	*	24
	*	*	*	*	*	*	3.7
Bluegrass	37	58	46	40	40	45	266
	5.8	9.4	7.4	6.4	6.5	7.3	7.1
Buffalo Trace	*	*	*	0	*	*	11
	*	*	*	0	*	*	1.7
Cumberland Valley	13	*	11	11	*	11	63
	7.3	*	6.3	6.3	*	6.4	6.1
FIVCO	*	*	*	*	*	*	25
	*	*	*	*	*	*	3.8
Gateway	*	0	0	*	*	*	14
	*	0	0	*	*	*	2.2
Green River	13	15	*	*	*	14	67
	8.4	10.0	*	*	*	9.3	7.4
Kentucky River	*	*	*	*	*	*	26
	*	*	*	*	*	*	2.5
KIPDA	121	111	107	122	87	97	645
	14.2	13.2	12.8	14.5	10.1	11.3	12.7
Lake Cumberland	*	*	*	11	*	*	52
	*	*	*	5.1	*	*	4.0
Lincoln Trail	*	*	15	11	14	16	74
	*	*	5.8	4.4	5.6	6.5	4.9
Northern Kentucky	24	33	15	13	11	24	120
	5.7	7.9	3.5	3.1	2.6	5.7	4.8
Pennyrile	14	13	*	*	*	12	65
	7.0	6.8	*	*	*	6.2	5.6
Purchase	12	*	12	*	15	13	69
	6.8	*	6.9	*	8.7	7.6	6.6

[‡]Rates are per 1,000 estimated pregnant females in the population.

Denominator is the estimated number of pregnant women in each geographic region, calculated from the number of live births, induced abortions, and late term losses each year.

*Counts greater than zero but less than 11 and rates based on counts less than 11 are suppressed in accordance with state data management policy. In some instances, the second lowest number also has been censored to protect a suppressed value and is indicated by a dash (-). Rates based on numbers less than 20 are unstable and should be interpreted with caution.

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data extracted September 2025. Data are provisional and subject to change.

Table 17: Counts[†] and rates[‡] of assault injuries from suspected intimate partner violence among Kentucky residents who received emergency department or inpatient treatment in Kentucky, by Area Development District, 2019–2024

District	2019	2020	2021	2022	2023	2024	Total
Barren River	144 [†]	147	124	112	83	77	687
	52.9 [‡]	53.9	45.0	40.1	29.4	27.1	41.7
Big Sandy	53	25	19	35	22	24	178
	42.7	20.2	15.5	29.0	18.4	20.4	24.7
Bluegrass	274	279	280	294	337	302	1,766
	37.4	38.0	38.0	39.7	45.2	40.1	40.1
Buffalo Trace	17	-	*	21	12	12	82
	34.7	-	*	43.0	24.4	24.7	28.3
Cumberland Valley	84	48	69	45	69	52	367
	41.8	23.9	34.5	22.6	34.7	26.5	31.1
FIVCO	46	26	37	46	34	47	236
	38.7	21.9	31.3	38.9	28.8	40.4	33.7
Gateway	18	15	22	26	28	33	142
	23.8	19.8	29.1	34.2	36.7	43.5	31.6
Green River	77	72	66	86	59	63	423
	40.7	38.0	35.0	45.7	31.3	33.7	37.9
Kentucky River	45	42	30	24	40	41	222
	47.9	44.9	32.4	26.3	44.5	46.7	40.9
KIPDA	464	440	441	500	476	505	2,826
	51.6	48.9	49.1	55.7	52.9	55.7	52.8
Lake Cumberland	60	67	50	46	45	57	325
	32.9	36.7	27.3	25.0	24.3	31.0	29.9
Lincoln Trail	71	80	79	81	81	77	469
	29.0	32.6	32.0	32.7	32.4	31.0	32.0
Northern Kentucky	123	123	117	101	91	142	697
	30.1	30.1	28.4	24.4	21.8	33.9	28.5
Pennyrile	72	59	57	54	60	67	369
	38.8	31.8	30.8	29.2	32.5	36.9	33.8
Purchase	66	70	56	51	72	63	378
	37.8	40.1	32.0	29.2	41.2	36.3	36.5

[‡]Rates are per 100,000 population.

The denominator was calculated using the estimated number of people aged 10 and above living in each geographic region.

*Counts greater than zero but less than 11 and rates based on numbers less than 11 are suppressed in accordance with state data management policy. In some instances, the second lowest number also has been censored to protect a suppressed value and is indicated by a dash (-). Rates based on numbers less than 20 are unstable and should be interpreted with caution.

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