

**Current Adult Smoking and Quit Attempts by  
Area Development District, County, and State, 2018-2020**

Location	Sample Size	% Smokers <sup>a</sup>		Sample Size	% Quit Attempts <sup>b</sup>	
		%	Confidence Interval		%	Confidence Interval
<b>Kentucky</b>	<b>18654</b>	<b>23.2</b>	<b>( 22.2 - 24.2 )</b>	<b>3730</b>	<b>51.2</b>	<b>( 48.8 - 53.7 )</b>
<b>Barren River</b>	<b>1162</b>	<b>27</b>	<b>( 23.5 - 30.5 )</b>	<b>273</b>	<b>48.8</b>	<b>( 41 - 56.6 )</b>
Allen	67	45	( 29.6 - 60.3 )	25	47.1	( 20.9 - 73.3 )
Barren	150	33	( 23.7 - 42.4 )	43	38.4	( 20.4 - 56.4 )
Butler	40	19.7	( 5.6 - 33.9 )	11	19.9	( 0.0 - 45.8 )
Edmonson	49	25.6	( 6.8 - 44.4 )	10	17.3	( 0.0 - 44.6 )
Hart	76	25.2	( 10.4 - 40 )	16	70.7	( 41.1 - 100 )
Logan	114	33.2	( 20.8 - 45.7 )	32	52.6	( 28.3 - 76.8 )
Metcalfe	53	34.7	( 17.0 - 52.5 )	18	42.6	( 11.5 - 73.6 )
Monroe	38	39.7	( 17.6 - 61.8 )	11	50.1	( 7.5 - 92.7 )
Simpson	82	25.3	( 12.6 - 38.1 )	16	34.5	( 6.4 - 62.6 )
Warren	493	19.4	( 14.9 - 23.9 )	91	59.4	( 46.5 - 72.4 )
<b>Big Sandy</b>	<b>990</b>	<b>23.6</b>	<b>( 18.7 - 28.4 )</b>	<b>213</b>	<b>52.9</b>	<b>( 40.2 - 65.5 )</b>
Floyd	277	28.7	( 19.7 - 37.7 )	61	66.6	( 49.2 - 84.1 )
Johnson	191	22.8	( 7.7 - 38 )	33	34	( 1.5 - 66.4 )
Magoffin	93	16.3	( 6.9 - 25.7 )	16	32.6	( 3.4 - 61.9 )
Martin	54	24.3	( 7.8 - 40.7 )	15	51.9	( 14 - 89.7 )
Pike	375	21.6	( 15.2 - 27.9 )	88	53.6	( 36.4 - 70.7 )
<b>Bluegrass</b>	<b>1945</b>	<b>20.6</b>	<b>( 18.1 - 23.2 )</b>	<b>315</b>	<b>47.2</b>	<b>( 40.1 - 54.4 )</b>
Anderson	42	23.1	( 5.2 - 41.1 )	7	43.8	( 0.0 - 100.0 )
Bourbon	39	41.9	( 21.1 - 62.7 )	14	81.2	( 56.7 - 100 )
Boyle	55	31.8	( 15.2 - 48.4 )	15	32.2	( 2.4 - 62 )
Clark	93	35.4	( 20.7 - 50 )	24	49.8	( 20.7 - 79 )
Estill	32	47.8	( 24.4 - 71.3 )	11	32.5	( 0 - 71.8 )
Fayette	814	15.7	( 12.1 - 19.2 )	101	40.4	( 28.3 - 52.6 )
Franklin	116	16.4	( 8 - 24.8 )	16	64.9	( 34.8 - 95 )
Garrard	43	28.4	( 9.5 - 47.4 )	10	94.6	( 84.5 - 100 )
Harrison	57	24.6	( 7.2 - 42 )	11	29.4	( 0 - 75.3 )
Jessamine	90	16.8	( 6.5 - 27.2 )	13	14.1	( 0 - 34.4 )
Lincoln	57	29.9	( 11.3 - 48.5 )	11	39.2	( 0 - 82.7 )
Madison	222	14.5	( 8.2 - 20.7 )	31	56	( 32.1 - 80 )
Mercer	53	36.4	( 20.2 - 52.5 )	18	57.9	( 29 - 86.7 )
Nicholas	19	17.8	( 0 - 38.9 )	4	0	( . - . )
Powell	39	26	( 1.7 - 50.3 )	7	16.1	( 0 - 53.5 )
Scott	120	21.4	( 10.5 - 32.4 )	17	68.5	( 39.5 - 97.6 )
Woodford	54	8	( 0 - 16.2 )	5	48.3	( 0 - 100 )

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		%	Confidence Interval		%	Confidence Interval
<b>Buffalo Trace</b>	<b>430</b>	<b>27.5</b>	<b>( 21.5 - 33.5 )</b>	<b>104</b>	<b>45.3</b>	<b>( 32.9 - 57.7 )</b>
Bracken	69	24.6	( 8.4 - 40.8 )	15	27.5	( 0 - 57.8 )
Fleming	135	32.2	( 20.8 - 43.7 )	34	60.1	( 38.7 - 81.6 )
Lewis	78	33.2	( 18.9 - 47.5 )	25	33.6	( 11 - 56.3 )
Mason	132	20.4	( 11.8 - 29.1 )	26	58.9	( 34.4 - 83.5 )
Robertson	16	22.2	( 0 - 48.4 )	4	16.4	( 0 - 76.3 )
<b>Cumberland Valley</b>	<b>1065</b>	<b>27.7</b>	<b>( 23.5 - 31.9 )</b>	<b>242</b>	<b>48.4</b>	<b>( 39.3 - 57.5 )</b>
Bell	103	28.1	( 15.3 - 40.8 )	23	57.3	( 30.4 - 84.2 )
Clay	66	43.1	( 25 - 61.3 )	17	80.8	( 60.3 - 100 )
Harlan	135	20.7	( 12.1 - 29.3 )	34	49	( 26.4 - 71.5 )
Jackson	86	27.3	( 12.5 - 42.1 )	20	19.6	( 0 - 41.6 )
Knox	134	22.1	( 11.7 - 32.5 )	26	42.5	( 15.6 - 69.3 )
Laurel	284	26.1	( 17.9 - 34.3 )	59	44.3	( 24.7 - 64 )
Rockcastle	82	26.5	( 9.6 - 43.3 )	13	18.2	( 0 - 45.2 )
Whitley	175	33.8	( 22.8 - 44.7 )	50	55.2	( 35.9 - 74.5 )
<b>FIVCO</b>	<b>1063</b>	<b>27.2</b>	<b>( 22.8 - 31.7 )</b>	<b>236</b>	<b>46.2</b>	<b>( 36.9 - 55.5 )</b>
Boyd	401	26.7	( 19.2 - 34.2 )	95	46.1	( 31.7 - 60.5 )
Carter	193	23.3	( 14.1 - 32.4 )	39	49.3	( 25.8 - 72.8 )
Elliott	68	32.7	( 14.6 - 50.9 )	18	41.6	( 6.7 - 76.6 )
Greenup	284	25.2	( 16.7 - 33.8 )	50	49.2	( 28.8 - 69.7 )
Lawrence	117	33.3	( 20.2 - 46.3 )	34	42.9	( 18.6 - 67.2 )
<b>Gateway</b>	<b>642</b>	<b>24.9</b>	<b>( 19.7 - 30.1 )</b>	<b>143</b>	<b>45.3</b>	<b>( 33.4 - 57.2 )</b>
Bath	103	18.7	( 10.1 - 27.3 )	25	53.9	( 30.5 - 77.3 )
Menifee	65	14.3	( 0.5 - 28.1 )	9	86.5	( 63.1 - 100 )
Montgomery	172	28.9	( 19.7 - 38.1 )	42	60.1	( 41.7 - 78.5 )
Morgan	131	36.4	( 21.3 - 51.5 )	31	24.6	( 4.8 - 44.4 )
Rowan	171	20.6	( 12.4 - 28.8 )	36	37.6	( 18.5 - 56.6 )
<b>Green River</b>	<b>1085</b>	<b>19.6</b>	<b>( 16.5 - 22.8 )</b>	<b>194</b>	<b>48.3</b>	<b>( 39.4 - 57.2 )</b>
Daviess	485	16.2	( 11.8 - 20.6 )	76	57.3	( 43.1 - 71.5 )
Hancock	57	9.3	( 0.7 - 17.9 )	6	52.8	( 0 - 100 )
Henderson	198	26.7	( 18.7 - 34.7 )	51	48	( 31.2 - 64.9 )
McLean	50	17.3	( 3.6 - 31 )	8	0	( . - . )
Ohio	138	26.2	( 15.9 - 36.6 )	28	44.3	( 19.6 - 69 )
Union	82	17.7	( 6 - 29.5 )	12	46.5	( 5.2 - 87.8 )
Webster	75	18.3	( 6.2 - 30.4 )	13	46.4	( 6.8 - 86.1 )

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		%	Confidence Interval		%	Confidence Interval
<b>Kentucky River</b>	<b>1185</b>	<b>29.8</b>	<b>( 25.2 - 34.5 )</b>	<b>292</b>	<b>55.6</b>	<b>( 46.2 - 65.1 )</b>
Breathitt	139	28.3	( 15 - 41.5 )	35	19.3	( 5.3 - 33.4 )
Knott	192	30	( 18.1 - 41.8 )	40	51.2	( 26.4 - 75.9 )
Lee	87	48	( 28.6 - 67.3 )	27	65.5	( 34.2 - 96.9 )
Leslie	100	26.4	( 11.9 - 40.9 )	21	43.6	( 9.9 - 77.4 )
Letcher	214	28.1	( 17.4 - 38.8 )	51	73.3	( 55.8 - 90.9 )
Owsley	35	34.7	( 12.2 - 57.2 )	13	65.5	( 29.9 - 100 )
Perry	320	27	( 18.3 - 35.7 )	75	62.4	( 45.7 - 79.1 )
Wolfe	98	26.8	( 14.1 - 39.4 )	30	61.6	( 37.3 - 85.8 )
<b>KIPDA</b>	<b>3012</b>	<b>21.6</b>	<b>( 18.9 - 24.3 )</b>	<b>514</b>	<b>53.6</b>	<b>( 46.5 - 60.8 )</b>
Bullitt	146	19.8	( 10.2 - 29.4 )	27	38.5	( 9.5 - 67.6 )
Henry	37	14.5	( 0.6 - 28.3 )	8	75.7	( 25.4 - 100 )
Jefferson	2586	22.3	( 19.2 - 25.3 )	444	55.8	( 47.9 - 63.8 )
Oldham	110	19.3	( 7.5 - 31.1 )	11	33.8	( 0 - 70.3 )
Shelby	77	15.9	( 2.6 - 29.2 )	10	48.1	( 0 - 100 )
Spencer	39	22.7	( 6.1 - 39.2 )	9	66.3	( 25.8 - 100 )
Trimble	17	50.6	( 14.9 - 86.3 )	5	45.7	( 0 - 100 )
<b>Lake Cumberland</b>	<b>1172</b>	<b>24.5</b>	<b>( 21.2 - 27.9 )</b>	<b>247</b>	<b>49.8</b>	<b>( 41.9 - 57.8 )</b>
Adair	104	36	( 23 - 49 )	30	32.6	( 9.9 - 55.3 )
Casey	80	17	( 5.8 - 28.1 )	15	58.4	( 21.1 - 95.8 )
Clinton	62	28.1	( 10.4 - 45.9 )	11	48.5	( 2.1 - 94.9 )
Cumberland	23	27	( 4.4 - 49.5 )	7	66.1	( 12.3 - 100 )
Green	63	26.8	( 9.4 - 44.3 )	11	64	( 18.9 - 100 )
McCreary	96	35.6	( 22.4 - 48.9 )	30	71	( 47.8 - 94.3 )
Pulaski	412	23	( 17.7 - 28.3 )	81	45.4	( 32.3 - 58.4 )
Russell	119	17.3	( 8.9 - 25.7 )	21	48.3	( 20.5 - 76 )
Taylor	104	21.9	( 12.4 - 31.4 )	21	37	( 12.8 - 61.3 )
Wayne	109	19.7	( 10.2 - 29.1 )	20	50.5	( 23.5 - 77.5 )
<b>Lincoln Trail</b>	<b>1121</b>	<b>23.3</b>	<b>( 19.8 - 26.7 )</b>	<b>232</b>	<b>52.6</b>	<b>( 43.9 - 61.3 )</b>
Breckinridge	80	21.3	( 9.1 - 33.4 )	17	57.6	( 23.3 - 92 )
Grayson	114	23.5	( 12.6 - 34.3 )	23	42.4	( 16 - 68.8 )
Hardin	429	27	( 20.6 - 33.3 )	97	52	( 37.1 - 66.8 )
Larue	63	20.1	( 5.7 - 34.5 )	12	88.5	( 68.5 - 100 )
Marion	94	24.5	( 11.9 - 37 )	21	45.8	( 13.6 - 78 )
Meade	126	20.1	( 11.3 - 28.9 )	24	58.3	( 34.1 - 82.6 )
Nelson	162	17.5	( 10.6 - 24.4 )	28	43	( 20.6 - 65.4 )
Washington	53	25	( 8.7 - 41.3 )	10	61.3	( 20.2 - 100 )

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		%	Confidence Interval		%	Confidence Interval
<b>Northern Kentucky</b>	<b>1439</b>	<b>20.8</b>	<b>( 18.1 - 23.4 )</b>	<b>252</b>	<b>53.8</b>	<b>( 46.4 - 61.2 )</b>
Boone	425	11.9	( 8.2 - 15.6 )	46	65.4	( 50 - 80.7 )
Campbell	290	22	( 15.3 - 28.7 )	49	54.3	( 35.7 - 72.9 )
Carroll	33	32.9	( 9.7 - 56.2 )	8	56.7	( 5.2 - 100 )
Gallatin	37	25.5	( 8.8 - 42.2 )	9	76.5	( 35 - 100 )
Grant	92	22.1	( 12.3 - 31.8 )	21	52.3	( 25.7 - 78.9 )
Kenton	457	25.5	( 20.4 - 30.5 )	98	47.2	( 35.5 - 58.9 )
Owen	53	18.2	( 3.9 - 32.4 )	9	62.1	( 16 - 100 )
Pendleton	52	27.1	( 11.4 - 42.9 )	12	41.2	( 0.2 - 82.3 )
<b>Pennyryle</b>	<b>1234</b>	<b>26.2</b>	<b>( 22.8 - 29.6 )</b>	<b>269</b>	<b>51.5</b>	<b>( 44 - 59.1 )</b>
Caldwell	87	36	( 22.2 - 49.8 )	21	49.7	( 22.3 - 77 )
Christian	302	28.8	( 21.9 - 35.8 )	80	51.7	( 38 - 65.3 )
Crittenden	54	22	( 6.8 - 37.2 )	8	50.8	( 2.1 - 99.5 )
Hopkins	314	29.2	( 21.7 - 36.7 )	71	50.5	( 34.1 - 66.9 )
Livingston	66	17.4	( 6 - 28.9 )	12	56.5	( 17.7 - 95.3 )
Lyon	59	16.4	( 4.9 - 27.8 )	9	41.4	( 0 - 85.4 )
Muhlenberg	193	22.2	( 14.5 - 29.9 )	33	59.2	( 39.3 - 79 )
Todd	75	23.1	( 9.7 - 36.4 )	16	49	( 14 - 83.9 )
Trigg	84	24	( 12.5 - 35.5 )	19	47.5	( 18.7 - 76.2 )
<b>Purchase</b>	<b>1109</b>	<b>25.4</b>	<b>( 21.4 - 29.5 )</b>	<b>204</b>	<b>62.2</b>	<b>( 53.2 - 71.1 )</b>
Ballard	64	18.1	( 2.7 - 33.6 )	7	43.6	( 0 - 100 )
Calloway	194	15.2	( 7.9 - 22.4 )	26	76.3	( 57.1 - 95.5 )
Carlisle	33	30.1	( 9.7 - 50.4 )	9	91.7	( 75.5 - 100 )
Fulton	34	31	( 12 - 49.9 )	10	46.6	( 4.5 - 88.7 )
Graves	202	32.2	( 22.5 - 41.9 )	51	64.1	( 45.7 - 82.5 )
Hickman	27	24	( 0 - 50.2 )	4	100	( 100 - 100 )
Marshall	190	24.5	( 16.3 - 32.6 )	36	48.2	( 28.1 - 68.3 )
McCracken	365	27.9	( 20 - 35.9 )	61	60.3	( 43.3 - 77.4 )

Source: Kentucky Behavioral Risk Factor Surveillance Survey, 2018-2020

Note: Weighted estimates using 3-year pooled aggregates

<sup>a</sup> Current smoker is defined by CDC as smoking cigarettes on one or more of the past 30 days.

<sup>b</sup> Smokers who tried to quit smoking for 1 day or longer in the past 12 months.

\*Percentage could not be estimated because sample size is < 50.

Meets threshold for sample size for smoking prevalence, but not for quit attempts.