

**Table. Estimated Monthly and Annual Costs to Employers from Cigarette Smoking by County**

<b>Counties</b>	<b>Percent of Adults who Smoke<sup>1</sup></b>	<b>Adult Population<sup>2</sup></b>	<b>Estimated # of Adults who Smoke</b>	<b># in the Labor Force<sup>3</sup></b>	<b>Estimated # of Adults who Smoke in the Labor Force</b>	<b>Total Cost per Month<sup>4</sup></b>	<b>Total Cost per Year<sup>4</sup></b>
Adair	26.12	14,861	3,882	4,360	1,139	\$683,299.20	\$7,957,019.18
Allen	25.73	15,641	4,024	4,543	1,169	\$701,348.34	\$8,167,201.42
Anderson	21.42	18,268	3,913	4,775	1,023	\$613,686.71	\$7,146,381.73
Ballard	23.36	6,117	1,429	2,234	522	\$313,117.44	\$3,646,252.59
Barren	26.06	33,802	8,809	14,671	3,823	\$2,293,957.56	\$26,713,135.79
Bath	26.58	9,503	2,526	1,890	502	\$301,452.81	\$3,510,418.00
Bell	31.42	18,995	5,968	7,953	2,499	\$1,499,128.14	\$17,457,347.21
Boone	17.97	100,137	17,993	96,041	17,257	\$10,354,399.52	\$120,576,982.42
Bourbon	23.31	15,500	3,613	6,641	1,548	\$928,704.34	\$10,814,762.05
Boyd	23.82	37,983	9,049	23,253	5,540	\$3,323,718.42	\$38,704,700.98
Boyle	22.51	24,326	5,475	13,742	3,093	\$1,855,820.95	\$21,611,034.94
Bracken	24.38	6,360	1,551	1,277	311	\$186,836.11	\$2,175,706.47
Breathitt	29.59	10,673	3,158	2,587	765	\$459,227.20	\$5,347,700.79
Breckenridge	25.30	15,711	3,975	3,446	872	\$523,102.80	\$6,091,532.11
Bullitt	22.10	63,008	13,927	27,063	5,982	\$3,589,171.98	\$41,795,907.74
Butler	26.03	9,377	2,441	2,799	729	\$437,169.88	\$5,090,843.24
Caldwell	23.37	9,903	2,314	4,565	1,067	\$640,127.04	\$7,454,279.39
Calloway	21.33	30,297	6,464	14,968	3,193	\$1,915,972.20	\$22,311,496.24
Campbell	19.82	73,538	14,579	28,951	5,740	\$3,443,720.45	\$40,102,124.67
Carlisle	25.46	3,720	947	994	253	\$151,843.44	\$1,768,216.86
Carroll	25.96	8,104	2,104	6,883	1,787	\$1,072,147.80	\$12,485,161.12
Carter	26.52	20,774	5,510	5,386	1,428	\$857,064.38	\$9,980,514.65
Casey	28.38	12,064	3,424	3,844	1,091	\$654,610.95	\$7,622,944.48
Christian	25.31	53,678	13,584	30,073	7,611	\$4,566,334.21	\$53,174,961.87
Clark	22.08	28,694	6,337	13,779	3,043	\$1,825,776.80	\$21,261,170.87
Clay	32.13	15,983	5,135	3,887	1,249	\$749,300.46	\$8,725,603.89
Clinton	27.95	7,098	1,984	3,950	1,104	\$662,310.35	\$7,712,604.04
Crittenden	24.88	6,958	1,731	1,899	473	\$283,537.96	\$3,301,799.59
Cumberland	25.63	4,649	1,192	1,909	489	\$293,608.69	\$3,419,073.15

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<b>Counties</b>	<b>Percent of Adults who Smoke<sup>1</sup></b>	<b>Adult Population<sup>2</sup></b>	<b>Estimated # of Adults who Smoke</b>	<b># in the Labor Force<sup>3</sup></b>	<b>Estimated # of Adults who Smoke in the Labor Force</b>	<b>Total Cost per Month<sup>4</sup></b>	<b>Total Cost per Year<sup>4</sup></b>
Daviess	21.01	78,502	16,493	44,210	9,289	\$5,573,112.60	\$64,898,896.23
Edmonson	25.86	9,503	2,457	1,486	384	\$230,567.76	\$2,684,961.57
Elliott	30.01	5,903	1,771	828	248	\$149,071.86	\$1,735,941.86
Estill	28.99	11,084	3,214	2,186	634	\$380,279.31	\$4,428,352.59
Fayette	18.26	254,496	46,471	185,473	33,867	\$20,320,421.88	\$236,631,312.79
Fleming	25.95	11,469	2,977	3,116	809	\$485,246.23	\$5,650,692.40
Floyd	28.25	28,039	7,920	10,090	2,850	\$1,709,979.22	\$19,912,708.04
Franklin	20.00	40,657	8,131	31,253	6,251	\$3,750,351.95	\$43,672,848.41
Fulton	27.88	5,189	1,447	2,045	570	\$342,128.25	\$3,984,083.47
Gallatin	24.62	6,497	1,600	2,460	606	\$363,386.30	\$4,231,633.51
Garrard	23.56	13,021	3,068	2,100	495	\$296,856.00	\$3,456,888.12
Grant	25.03	18,397	4,605	4,893	1,225	\$734,894.89	\$8,557,851.05
Graves	24.47	27,768	6,795	11,471	2,807	\$1,684,116.36	\$19,611,535.02
Grayson	27.11	20,390	5,528	7,353	1,993	\$1,196,038.98	\$13,927,873.92
Green	25.68	8,644	2,220	1,710	439	\$263,476.80	\$3,068,187.34
Greenup	22.58	27,993	6,321	6,601	1,491	\$894,381.63	\$10,415,074.05
Hancock	23.58	6,932	1,635	3,932	927	\$556,299.36	\$6,478,106.05
Hardin	22.23	84,095	18,694	46,416	10,318	\$6,190,790.91	\$72,091,760.15
Harlan	30.38	20,888	6,346	5,729	1,741	\$1,044,313.52	\$12,161,030.90
Harrison	23.82	14,477	3,448	4,893	1,165	\$699,247.51	\$8,142,737.24
Hart	26.67	14,376	3,834	4,719	1,259	\$755,134.44	\$8,793,540.50
Henderson	24.08	34,500	8,307	17,903	4,311	\$2,586,549.81	\$30,120,372.58
Henry	24.16	12,102	2,923	2,649	640	\$383,939.98	\$4,470,981.10
Hickman	25.78	3,530	910	919	237	\$142,128.59	\$1,655,087.48
Hopkins	23.69	35,186	8,335	15,873	3,760	\$2,256,139.68	\$26,272,746.55
Jackson	29.01	9,994	2,900	1,607	466	\$279,753.89	\$3,257,733.99
Jefferson	21.69	614,376	133,250	452,001	98,033	\$58,819,858.65	\$684,957,254.03
Jessamine	21.53	39,704	8,548	16,897	3,638	\$2,182,754.46	\$25,418,175.69
Johnson	24.99	17,751	4,435	4,996	1,248	\$748,991.92	\$8,722,010.87

**Table. Estimated Monthly and Annual Costs to Employers from Cigarette Smoking by County**

<b>Counties</b>	<b>Percent of Adults who Smoke<sup>1</sup></b>	<b>Adult Population<sup>2</sup></b>	<b>Estimated # of Adults who Smoke</b>	<b># in the Labor Force<sup>3</sup></b>	<b>Estimated # of Adults who Smoke in the Labor Force</b>	<b>Total Cost per Month<sup>4</sup></b>	<b>Total Cost per Year<sup>4</sup></b>
Kenton	20.88	128,943	26,923	67,179	14,027	\$8,416,185.12	\$98,006,475.72
Knott	28.55	11,228	3,205	1,953	558	\$334,522.25	\$3,895,511.65
Knox	29.74	23,183	6,896	7,532	2,240	\$1,344,220.22	\$15,653,444.41
LaRue	24.73	11,338	2,804	2,510	621	\$372,390.19	\$4,336,483.82
Laurel	24.96	47,982	11,977	26,799	6,689	\$4,013,559.54	\$46,737,900.83
Lawrence	28.21	12,527	3,534	3,706	1,045	\$627,240.06	\$7,304,210.51
Lee	31.31	6,013	1,883	1,576	493	\$296,046.68	\$3,447,463.64
Leslie	29.68	8,243	2,446	1,438	427	\$256,061.02	\$2,981,830.53
Letcher	29.30	16,952	4,967	4,123	1,208	\$724,812.37	\$8,440,440.03
Lewis	29.11	9,948	2,896	1,943	566	\$339,383.96	\$3,952,126.20
Lincoln	26.49	18,576	4,921	3,873	1,026	\$615,568.00	\$7,168,289.35
Livingston	23.97	7,129	1,709	2,530	606	\$363,870.82	\$4,237,275.74
Logan	24.90	20,978	5,223	8,599	2,141	\$1,284,618.10	\$14,959,377.72
Lyon	22.32	7,517	1,678	2,406	537	\$322,239.10	\$3,752,474.36
Madison	21.59	73,345	15,836	33,127	7,152	\$4,291,373.41	\$49,973,043.35
Magoffin	32.32	9,155	2,959	1,819	588	\$352,777.83	\$4,108,097.86
Marion	24.53	14,901	3,655	8,142	1,997	\$1,198,210.90	\$13,953,165.91
Marshall	21.15	25,125	5,314	10,363	2,192	\$1,315,064.70	\$15,313,928.43
Martin	27.75	9,063	2,515	1,914	531	\$318,650.14	\$3,710,680.83
Mason	25.00	13,245	3,311	7,893	1,973	\$1,183,985.90	\$13,787,515.81
McCracken	21.53	53,058	11,423	37,591	8,093	\$4,856,005.38	\$56,548,182.65
McCreary	29.16	13,028	3,799	2,991	872	\$523,310.17	\$6,093,946.88
McLean	24.06	7,091	1,706	1,757	423	\$253,640.52	\$2,953,643.86
Meade	22.24	22,345	4,969	4,133	919	\$551,458.94	\$6,421,739.35
Menifee	26.04	4,719	1,229	906	236	\$141,549.33	\$1,648,342.00
Mercer	23.06	17,634	4,066	6,084	1,403	\$841,782.24	\$9,802,554.18
Metcalfe	27.87	7,867	2,193	1,869	521	\$312,534.18	\$3,639,460.53
Monroe	26.60	8,670	2,306	3,082	820	\$491,887.20	\$5,728,026.44
Montgomery	25.54	21,511	5,495	10,020	2,560	\$1,535,741.32	\$17,883,707.69

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Morgan	28.18	10,893	3,070	2,772	781	\$468,719.81	\$5,458,242.24
Muhlenberg	24.95	24,260	6,054	7,395	1,845	\$1,107,163.80	\$12,892,922.40
Nelson	20.95	35,749	7,490	16,045	3,362	\$2,017,113.05	\$23,489,281.49
Nicholas	27.98	5,686	1,591	844	236	\$141,691.71	\$1,650,000.02
Ohio	25.28	17,951	4,539	7,012	1,773	\$1,063,768.49	\$12,387,584.01
Oldham	16.46	49,530	8,152	16,192	2,665	\$1,599,079.03	\$18,621,275.31
Owen	24.81	8,533	2,117	1,313	326	\$195,417.15	\$2,275,632.66
Owsley	29.33	3,186	935	625	183	\$110,000.97	\$1,280,961.27
Pendleton	23.57	11,194	2,639	2,238	528	\$316,527.05	\$3,685,957.52
Perry	27.71	22,252	6,166	10,869	3,012	\$1,807,162.27	\$21,044,404.60
Pike	27.09	46,593	12,622	19,561	5,299	\$3,179,462.72	\$37,024,843.35
Powell	26.06	10,047	2,618	2,683	699	\$419,505.98	\$4,885,147.12
Pulaski	25.19	50,635	12,757	24,703	6,224	\$3,734,214.60	\$43,484,929.07
Robertson	25.61	1,727	442	278	71	\$42,716.42	\$497,432.73
Rockcastle	26.53	12,552	3,330	3,656	970	\$581,931.51	\$6,776,592.44
Rowan	25.81	19,815	5,114	9,672	2,496	\$1,497,862.15	\$17,442,604.72
Russell	25.57	13,877	3,549	5,458	1,396	\$837,414.20	\$9,751,688.40
Scott	19.47	42,616	8,295	27,864	5,424	\$3,254,309.64	\$37,896,435.76
Shelby	20.17	36,361	7,336	15,673	3,162	\$1,897,166.38	\$22,092,502.53
Simpson	23.17	15,010	3,478	8,758	2,029	\$1,217,537.16	\$14,178,220.23
Spencer	20.28	14,798	3,002	1,985	403	\$241,580.34	\$2,813,203.05
Taylor	24.25	20,215	4,902	12,344	2,993	\$1,796,035.11	\$20,914,828.88
Todd	25.10	8,911	2,237	2,270	570	\$341,840.17	\$3,980,728.77
Trigg	22.23	10,975	2,440	2,843	632	\$379,283.19	\$4,416,752.75
Trimble	24.17	6,631	1,602	1,194	289	\$173,120.67	\$2,015,990.26
Union	25.11	10,461	2,627	4,922	1,236	\$741,492.30	\$8,634,677.84
Warren	21.30	102,897	21,919	62,946	13,408	\$8,045,030.12	\$93,684,375.71
Washington	22.76	9,956	2,266	3,234	736	\$441,635.04	\$5,142,840.04
Wayne	27.09	15,116	4,095	5,792	1,569	\$941,448.00	\$10,963,162.01

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Webster	26.30	9,264	2,437	2,678	704	\$422,663.41	\$4,921,915.41
Whitley	26.54	27,787	7,374	12,607	3,346	\$2,007,331.12	\$23,375,370.85
Wolfe	32.22	5,026	1,619	1,480	477	\$286,094.24	\$3,331,567.44
Woodford	19.10	20,897	3,992	8,782	1,678	\$1,006,571.61	\$11,721,526.46
<b>KENTUCKY</b>	<b>23.86</b>	<b>3,483,900</b>	<b>831,259</b>	<b>1,835,209</b>	<b>437,881</b>	<b>\$262,728,520.44</b>	<b>\$3,059,473,620.52</b>

1. Behavioral Risk Factor Surveillance System, 2017-19 Average Smoking Prevalence

2. 2020 U.S. Census <https://tinyurl.com/yc47h472>

3. U.S. Bureau of Labor Statistics, March 2021 <https://tinyurl.com/28ushnn3>

4. Costs were calculated using the inflation-adjusted estimates of monthly and annual costs of smoking to employers. Monthly costs are estimated at \$600 per smoker per month. Annual costs are estimated at \$6,987 per smoker per year. Employer costs include healthcare costs and productivity losses (e.g. absenteeism). [Berman M, Crane R, Seiber E, Munur M. Estimating the cost of a smoking employee. Tob Control. Sep 2014;23(5):428-33. doi:10.1136/tobaccocontrol-2012--050888]

Kentucky Center for Smoke-free Policy, February 2022.