
2019 Kentucky Annual Administrative Claims Data Report - Cardiac Catheterization

January 1 through December 31, 2019

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2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – Cardiac Catheterization

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2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – CARDIAC CATHETERIZATION

INTRODUCTION

Thank you for your interest in the **2019 Annual Administrative Claims Data Report – Cardiac Catheterization**. This report covers the utilization of Cardiac Catheterization Labs by licensed Kentucky hospitals for the calendar year January 1, through December 31, 2019. The administrative claims data, submitted by hospitals and ambulatory facilities as required by 900 KAR 7:030 – Data Reporting by Health Care Providers, was used to produce the utilization information in this report.

The Kentucky Annual Administrative Claims Data Report – Cardiac Catheterization uses administrative claims data to determine utilization. Table 1 of this report details the hospitals, including the number of cardiac catheterization labs, authorized to provide catheterization services. The source of this information comes from the Certificate of Need Inventory, which may be viewed on the following web site: <https://chfs.ky.gov/agencies/os/oig/dcn/Pages/inventory.aspx>.

Cardiac catheterization is a diagnostic or therapeutic procedure in which a catheter is introduced into a large vein or artery, usually of an arm or leg, and threaded through the circulatory system to the heart. A single procedure lasts from the time the catheter is inserted until the time that the catheter is completely withdrawn from the patient. With regard to cardiac catheterization services the term “laboratory” (lab) means each dedicated room within a fixed-site facility which is individually equipped and staffed for the purposes of performing cardiac catheterizations.

The claims are counted in three ways. The number of procedures classified as “All Therapeutic” is a count of administrative claims records where the record included at least one therapeutic code, regardless of the presence of any diagnostic codes. Similarly, the number of procedures classified as “All Diagnostic” is simply a count of administrative claims records where the record included at least one diagnostic code, regardless of the presence of any therapeutic codes. Finally, the number of procedures classified as “Therapeutic and Diagnostic” is a count of the number of claims records where the record included at least one diagnostic code AND at least one therapeutic code. This count overlaps the other two counts.

To determine the number of cardiac catheterizations performed, each administrative claims record was examined to determine if it contained at least one of the following procedure codes. Inpatient Hospital Discharge records were examined for ICD-10 Procedure codes, while Outpatient Services Records were examined for CPT Procedure codes.

Cardiac Caths	Diagnostic Catheterization	Therapeutic Catheterization
Inpatient	02563ZZ, 02573ZZ, 025K3ZZ, 025L3ZZ, 02B40ZX, 02B43ZX, 02B44ZX, 02B50ZX, 02B53ZX, 02B54ZX, 02B60ZX, 02B63ZX, 02B63ZZ, 02B64ZX, 02B70ZX, 02B73ZX, 02B73ZZ, 02B74ZX, 02B90ZX, 02B93ZX, 02B94ZX, 02BD0ZX, 02BD3ZX, 02BD4ZX, 02BF0ZX, 02BF3ZX, 02BF4ZX, 02BG0ZX, 02BG3ZX, 02BG4ZX, 02BH0ZX, 02BH3ZX, 02BH4ZX, 02BJ0ZX, 02BJ3ZX, 02BJ4ZX, 02BK0ZX, 02BK3ZX, 02BK3ZZ, 02BK4ZX, 02BL0ZX, 02BL3ZX, 02BL3ZZ, 02BL4ZX, 02BM0ZX, 02BM3ZX, 02BM4ZX, 4A020N6, 4A020N7, 4A020N8, 4A020PZ, 4A023FZ, 4A023N6, 4A023N7, 4A023N8, 4A023PZ, B2000ZZ, B2001ZZ, B200YZZ, B2010ZZ, B2011ZZ, B201YZZ, B2020ZZ, B2021ZZ, B202YZZ, B2030ZZ, B2031ZZ, B203YZZ, B2040ZZ, B2041ZZ, B204YZZ, B2050ZZ, B2051ZZ, B205YZZ, B2060ZZ, B2061ZZ, B206YZZ, B2070ZZ, B2071ZZ, B207YZZ, B2080ZZ, B2081ZZ, B208YZZ, B20F0ZZ, B20F1ZZ, B20FYZZ, B210010, B2100ZZ, B210110, B2101ZZ, B210Y10, B210YZZ, B211010, B2110ZZ, B211110, B2111ZZ, B211Y10, B211YZZ, B212010, B2120ZZ, B212110, B2121ZZ, B212Y10, B212YZZ, B213010, B2130ZZ, B213100, B2131ZZ, B213Y10, B213YZZ, B2140ZZ, B2141ZZ, B214YZZ, B2150ZZ, B2151ZZ, B215YZZ, B2160ZZ, B2161ZZ, B216YZZ, B2170ZZ, B2171ZZ, B217YZZ, B2180ZZ, B2181ZZ, B218YZZ, B21F0ZZ, B21F1ZZ, B21FYZZ	02703ZZ, 02704ZZ, 02713ZZ, 02714ZZ, 02723ZZ, 02724ZZ, 02733ZZ, 02734ZZ, 02C03ZZ, 02703DZ, 027034Z
Outpatient	93451, 93452, 93453, 93454, 93455, 93456, 93457, 93458, 93459, 93460, 93461, 93462, 93463, 93464, 93503, 93505, 93530, 93531, 93532, 93533, 93561, 93562, 93563, 93564, 93565, 93566, 93567, 93568, 93571, 93572, 93580, 93581, 93582, 93583, 93590, 93591, 93592, 93600, 93602, 93603, 93609, 93610, 93612, 93613, 93615, 93616, 93618, 93619, 93620, 93621, 93622, 93623, 93624, 93631, 93640, 93641, 93642, 93644, 93653, 93660, C1730, C1731, 93662	92920, 92921, 92924, 92925, 92928, 92929, 92933, 92934, 92937, 92938, 92941, 92943, 92944, 92960, 92961, 92970, 92971, 92973, 92974, 92975, 92977, 92978, 92979, 92980, 92981, 92982, 92984, 92986, 92987, 92990, 92992, 92993, 92995, 92996, 92997, 92998, 93590, 93591, 93592, 93650, 93651, 93652, 93654, 93655, 93656, 93657, 0234T, 0235T, 0236T, 0237T, 0238T, C1732, C1733, C2630, C9600, C9601, C9602, C9603, C9604, C9605, C9606, C9607, C9608, C9741, G0290, G0291

All Therapeutic: Includes a count of the number of administrative claims records where the record included at least one Therapeutic Code regardless of the presence of any Diagnostic code(s).

All Diagnostic: Includes a count of the number of administrative claims records where the record included at least one Diagnostic Code regardless of the presence of any Therapeutic code(s)

Therapeutic & Diagnostic: Includes a count of the number of administrative claims records where the record included at least one Diagnostic code AND at least one Therapeutic code. This count includes the overlap of the previous two groups.



Summary of 2019 Data

In 2019, cardiac catheterization procedures were performed in 46 Kentucky hospitals, located in 33 counties. There were 9 hospitals with a total of 10 labs, licensed to perform diagnostic catheterizations only. There were 37 hospitals, with a total of 106 labs, licensed as comprehensive, which can perform both diagnostic and therapeutic catheterizations. There were 55,502 diagnostic catheterizations performed and 20,116 therapeutic catheterizations performed. The volume of diagnostic procedures decreased by 458 and the volume of therapeutic decreased by 30 since 2018.

“Pediatric” means the patient age is 17 years or less. “Adult” means the patient age is 18 years or greater.

Questions or comments regarding the data contained in this report should be directed to Allison Lile at (502) 564-7940, ext. 3155, or e-mail: Allison.Lile@ky.gov.

This report becomes the most recent official data on cardiac catheterization utilization published by the Cabinet for Health Services. For additional copies of this report, please submit a request in writing along with a check in the amount of \$20.00 made payable to the Kentucky State Treasurer to:

Cabinet for Health and Family Services
Office of Health Data and Analytics
Division of Analytics
275 East Main Street 4 W-E
Frankfort, KY 40621

SECTION I

*Diagnostic and Therapeutic Cardiac
Catheterization Labs*

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 1 - Diagnostic & Therapeutic Laboratories

Source: Cabinet for Health and Family Services, Certificate of Need November 2020 Inventory

ADD	Facility	Diagnostic Only	Comprehensive (Diagnostic and Therapeutic)
01 - PURCHASE			
	Baptist Health Paducah		4
	Jackson Purchase Medical Center	1	
	Mercy Health Lourdes Hospital		3
	Murray-Calloway County Hospital		1
02 - PENNYRILE			
	Baptist Health Madisonville		3
	Jennie Stuart Medical Center	1	
03 - GREEN RIVER			
	Methodist Hospital	1	
	Owensboro Medical Health System		3
04 - BARREN RIVER			
	Tri-Star Greenview Regional Hospital		1
	T. J. Samson Hospital *		1
	The Medical Center at Bowling Green		3
05 - LINCOLN TRAIL			
	Hardin Memorial Hospital		2
06 - KIPDA			
	Baptist Health Louisville		6
	Jewish Hospital		8
	Norton Audubon Hospital		4
	Norton Brownsboro		2
	Norton Hospital/Norton Children's Hospital/Norton Healthcare Pavilion		7
	Norton Women's and Children's Hospital		1
	UofL Health-Mary & Elizabeth Hospital		1
	University of Louisville Hospital		2
07 - NORTHERN KY			
	St. Elizabeth Edgewood		5
	St. Elizabeth Florence	2	
	St. Elizabeth Ft. Thomas	1	
08 - BUFFALO TRACE			
	Meadowview Regional Medical Center		1

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 1 - Diagnostic & Therapeutic Laboratories

Source: Cabinet for Health and Family Services, Certificate of Need November 2020 Inventory

ADD	Facility	Diagnostic Only	Comprehensive (Diagnostic and Therapeutic)
09 - GATEWAY			
	St. Claire Medical Center		2
10 - FIVCO			
	King's Daughters' Medical Center		3
	Our Lady of Bellefonte Hospital, Inc.		1
11 - BIG SANDY			
	Highlands Regional Medical Center		1
	Pikeville Medical Center		2
12 - KY RIVER			
	Hazard ARH Regional Medical Center		2
	Kentucky River Medical Center	1	
13 - CUMBERLAND VALLEY			
	Baptist Health Corbin		2
	Middlesboro ARH Hospital	1	
	Saint Joseph Hospital London		5
14 - LAKE CUMBERLAND			
	Lake Cumberland Regional Hospital		3
	Taylor Regional Hospital	1	
15 - BLUEGRASS			
	Baptist Health Lexington		8
	Baptist Health Richmond		1
	Clark Regional Medical Center		1
	Ephraim McDowell Regional Medical Center		2
	Frankfort Regional Medical Center		1
	Harrison Memorial Hospital		1
	St. Joseph East		2
	St. Joseph Hospital		7
	UK HealthCare		4
	UK HealthCare Good Samaritan Hospital	1	
Statewide		10	106

SECTION II

Cardiac Catheterization Utilization

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE											
	Calloway	21075001 - Murray Calloway County Hospital		1	1		0	0		1	1
	Graves	21069501 - Jackson Purchase Medical Center		4	4		0	0		4	4
	McCracken	21081001 - Lourdes Hospital		691	691		488	488		2,266	2,266
		21081501 - Baptist Health Paducah	0	733	733	0	451	451	2	1,436	1,438
	01 - Purchase Total		0	1,429	1,429	0	939	939	2	3,707	3,709
02 - PENNYRILE											
	Christian	21033001 - Jennie Stuart Medical Center		23	23		0	0		2	2
	Hopkins	21067001 - Baptist Health Madisonville		413	413		331	331		1,104	1,104
	02 - Pennyrile Total		0	436	436	0	331	331	0	1,106	1,106
03 - GREEN RIVER											
	Daviess	21000301 - Owensboro Health Regional Hospital	1	926	927	0	640	640	2	2,484	2,486
	Henderson	21032001 - Methodist Hospital		22	22		0	0		32	32
	03 - Green River Total		1	948	949	0	640	640	2	2,516	2,518
04 - BARREN RIVER											
	Barren	21024001 - T. J. Samson Community Hospital		468	468		415	415		1,248	1,248
	Warren	21006501 - TriStar Greenview Regional Hospital		202	202		117	117		539	539
		21007001 - The Medical Center Bowling Green		831	831		629	629		2,332	2,332
	04 - Barren River Total		0	1,501	1,501	0	1,161	1,161	0	4,119	4,119
05 - LINCOLN TRAIL											
	Hardin	21016501 - Hardin Memorial Hospital		205	205		167	167		881	881
	05 - Lincoln Trail Total		0	205	205	0	167	167	0	881	881

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
06 - KIPDA											
	Jefferson	21036501 - Baptist Health Louisville		1,209	1,209		972	972		3,026	3,026
		21051001 - Jewish Hospital and St Marys Healthcare		925	925		719	719		2,913	2,913
		21055001 - University of Louisville Hospital		79	79		64	64		432	432
		21061001 - Norton Audubon Hospital		1,065	1,065		781	781		2,598	2,598
		21061501 - Norton Women's & Children's Hospital	0	44	44	0	1	1	1	188	189
		21062001 - Sts Mary and Elizabeth Hospital		96	96		71	71		466	466
		21888501 - Kosair Childrens Hospital	96	9	105	96	9	105	301	40	341
		21888601 - Norton Hospital	0	826	826	0	618	618	1	1,916	1,917
		21999701 - Norton Brownsboro Hospital		334	334		206	206		767	767
		06 - KIPDA Total	96	4,587	4,683	96	3,441	3,537	303	12,346	12,649
07 - NORTHERN KY											
	Boone	21012001 - St Elizabeth Florence		30	30		13	13		330	330
	Campbell	21018401 - St Elizabeth Fort Thomas		28	28		10	10		212	212
	Kenton	21888701 - St Elizabeth Edgewood	0	1,914	1,914	0	1,405	1,405	1	4,248	4,249
		07 - Northern Kentucky Total	0	1,972	1,972	0	1,428	1,428	1	4,790	4,791
08 - BUFFALO TRACE											
	Mason	21071001 - Meadowview Regional Medical Center		318	318		163	163		1,150	1,150
		08 - Buffalo Trace Total	0	318	318	0	163	163	0	1,150	1,150
09 - GATEWAY											
	Rowan	21071701 - St Claire Regional Medical Center		161	161		145	145		705	705
		09 - Gateway Total	0	161	161	0	145	145	0	705	705
10 - FIVCO											
	Boyd	21004001 - King's Daughter's Medical Center	0	1,116	1,116	0	835	835	5	3,690	3,695
		21004201 - Our Lady of Bellefonte Hospital	0	133	133	0	104	104	11	744	755
		10 - FIVCO Total	0	1,249	1,249	0	939	939	16	4,434	4,450
11 - BIG SANDY											
	Floyd	21087301 - Highlands Regional Medical Center	0	63	63	0	41	41	2	261	263
	Pike	21086001 - Pikeville Medical Center		615	615		396	396		2,017	2,017
		11 - Big Sandy Total	0	678	678	0	437	437	2	2,278	2,280

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
12 - KY RIVER											
	Breathitt	21000601 - Kentucky River Medical Center		7	7		0	0		21	21
	Perry	21028701 - Hazard ARH Regional Medical Center		261	261		225	225		1,091	1,091
12 - Kentucky River Total			0	268	268	0	225	225	0	1,112	1,112
13 - CUMBERLAND VALLEY											
	Bell	21071501 - Middlesboro ARH Hospital		9	9		0	0		38	38
	Laurel	21047501 - Saint Joseph Hospital London	0	355	355	0	282	282	1	957	958
	Whitley	21008801 - Baptist Health Corbin		217	217		185	185		529	529
13 - Cumberland Valley Total			0	581	581	0	467	467	1	1,524	1,525
14 - LAKE CUMBERLAND											
	Pulaski	21094001 - Lake Cumberland Regional Hospital		358	358		286	286		2,028	2,028
	Taylor	21007601 - Taylor Regional Hospital		65	65		0	0		145	145
14 - Lake Cumberland Total			0	423	423	0	286	286	0	2,173	2,173
15 - BLUEGRASS											
	Boyle	21014001 - Ephraim Mcdowell Reg Medical Center		258	258		204	204		583	583
	Clark	21097001 - Clark Regional Medical Center		51	51		0	0		0	0
	Fayette	21040701 - Baptist Health Lexington	2	2,199	2,201	2	1,391	1,393	11	4,257	4,268
		21042001 - UK HealthCare Good Samaritan Hospital		4	4		2	2		32	32
		21043501 - Saint Joseph East		244	244		156	156		699	699
		21044001 - Saint Joseph Hospital	0	1,198	1,198	0	790	790	3	2,587	2,590
		21045501 - UK Chandler Medical Center	26	721	747	26	515	541	67	2,487	2,554
	Franklin	21019501 - Frankfort Regional Medical Center	0	182	182	0	108	108	1	458	459
	Harrison	21013001 - Harrison Memorial Hospital		175	175		153	153		619	619
	Madison	21090001 - Baptist Health Richmond		211	211		171	171		557	557
15 - Bluegrass Total			28	5,243	5,271	28	3,490	3,518	82	12,279	12,361
State Total			125	19,999	20,124	124	14,259	14,383	409	55,120	55,529

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE										
	Ballard	0	36	36	0	26	26	2	108	110
	Calloway	0	131	131	0	93	93	2	313	315
	Carlisle		44	44		27	27		85	85
	Fulton		34	34		20	20		77	77
	Graves	0	248	248	0	156	156	5	535	540
	Hickman		21	21		15	15		54	54
	McCracken	0	337	337	0	217	217	6	960	966
	Marshall	1	173	174	1	120	121	2	514	516
	01 - Purchase Total	1	1,024	1,025	1	674	675	17	2,646	2,663
02 - PENNYRILE										
	Caldwell	1	64	65	1	50	51	1	183	184
	Christian	0	116	116	0	78	78	1	302	303
	Crittenden		42	42		33	33		105	105
	Hopkins	1	239	240	1	185	186	2	649	651
	Livingston	1	60	61	1	35	36	1	147	148
	Lyon	1	52	53	1	36	37	1	112	113
	Muhlenberg	0	145	145	0	110	110	7	487	494
	Todd		16	16		13	13		54	54
	Trigg	0	52	52	0	24	24	1	148	149
	02 - Pennyrile Total	4	786	790	4	564	568	14	2,187	2,201
03 - GREEN RIVER										
	Daviess	7	525	532	6	353	359	13	1,345	1,358
	Hancock	1	48	49	1	32	33	1	144	145
	Henderson		29	29		10	10		51	51
	McLean		62	62		44	44		164	164
	Ohio	2	119	121	2	87	89	9	279	288
	Union		11	11		6	6		23	23
	Webster	0	44	44	0	35	35	2	132	134
	03 - Green River Total	10	838	848	9	567	576	25	2,138	2,163

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
04 - BARREN RIVER										
	Allen		112	112		86	86		287	287
	Barren	4	320	324	4	269	273	6	794	800
	Butler	1	56	57	1	33	34	1	178	179
	Edmonson	0	51	51	0	34	34	1	116	117
	Hart	2	79	81	2	67	69	3	271	274
	Logan	1	121	122	1	93	94	1	316	317
	Metcalf	0	90	90	0	75	75	1	215	216
	Monroe		57	57		45	45		162	162
	Simpson	1	49	50	1	39	40	2	161	163
	Warren	1	401	402	1	284	285	7	1,129	1,136
	04 - Barren River Total	10	1,336	1,346	10	1,025	1,035	22	3,629	3,651
05 - LINCOLN TRAIL										
	Breckinridge	1	93	94	1	65	66	1	227	228
	Grayson	1	127	128	1	99	100	3	321	324
	Hardin	4	283	287	4	227	231	9	870	879
	Larue		44	44		31	31		131	131
	Marion	0	72	72	0	54	54	1	196	197
	Meade	0	72	72	0	62	62	1	221	222
	Nelson	1	199	200	1	160	161	4	556	560
	Washington		46	46		37	37		119	119
	05 - Lincoln Trail Total	7	936	943	7	735	742	19	2,641	2,660
06 - KIPDA										
	Bullitt	2	277	279	2	204	206	12	708	720
	Henry	1	61	62	1	48	49	1	187	188
	Jefferson	24	2,415	2,439	24	1,766	1,790	89	6,860	6,949
	Oldham	6	154	160	6	121	127	9	391	400
	Shelby	2	164	166	2	113	115	5	384	389
	Spencer		82	82		64	64		177	177
	Trimble		42	42		38	38		107	107
	06 - KIPDA Total	35	3,195	3,230	35	2,354	2,389	116	8,814	8,930

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
07 - NORTHERN KY										
	Boone	0	510	510	0	362	362	1	1,203	1,204
	Campbell		352	352		250	250		832	832
	Carroll		49	49		40	40		157	157
	Gallatin		46	46		31	31		136	136
	Grant		145	145		109	109		417	417
	Kenton		663	663		478	478		1,623	1,623
	Owen		46	46		36	36		107	107
	Pendleton		104	104		84	84		250	250
	07 - Northern Kentucky Total	0	1,915	1,915	0	1,390	1,390	1	4,725	4,726
08 - BUFFALO TRACE										
	Bracken		74	74		47	47		222	222
	Fleming		127	127		80	80		378	378
	Lewis	0	69	69	0	40	40	1	238	239
	Mason		133	133		73	73		473	473
	Robertson		16	16		9	9		52	52
	08 - Buffalo Trace	0	419	419	0	249	249	1	1,363	1,364
09 - GATEWAY										
	Bath	0	88	88	0	67	67	2	237	239
	Menifee		35	35		29	29		111	111
	Montgomery	2	140	142	2	103	105	3	366	369
	Morgan		58	58		49	49		184	184
	Rowan		116	116		92	92		389	389
	09 - Gateway Total	2	437	439	2	340	342	5	1,287	1,292
10 - FIVCO										
	Boyd	1	291	292	1	212	213	6	988	994
	Carter	0	164	164	0	125	125	1	548	549
	Elliott		21	21		14	14		82	82
	Greenup	2	172	174	2	119	121	7	583	590
	Lawrence	1	103	104	1	77	78	2	343	345
	10 - FIVCO Total	4	751	755	4	547	551	16	2,544	2,560

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
11 - BIG SANDY										
	Floyd	0	189	189	0	143	143	4	666	670
	Johnson	1	150	151	1	112	113	2	463	465
	Magoffin	0	80	80	0	52	52	1	229	230
	Martin	0	38	38	0	32	32	1	178	179
	Pike	1	256	257	1	158	159	6	916	922
	11 - Big Sandy Total	2	713	715	2	497	499	14	2,452	2,466
12 - KY RIVER										
	Breathitt		65	65		49	49		173	173
	Knott		64	64		47	47		214	214
	Lee		31	31		20	20		86	86
	Leslie		39	39		31	31		144	144
	Letcher	1	126	127	1	90	91	2	422	424
	Owsley		19	19		8	8		49	49
	Perry	0	125	125	0	91	91	1	433	434
	Wolfe		33	33		18	18		92	92
	12 - Kentucky River Total	1	502	503	1	354	355	3	1,613	1,616
13 - CUMBERLAND VALLEY										
	Bell		79	79		51	51		236	236
	Clay	0	66	66	0	50	50	3	305	308
	Harlan	0	87	87	0	65	65	2	271	273
	Jackson	0	75	75	0	60	60	1	203	204
	Knox	0	129	129	0	96	96	2	307	309
	Laurel	0	283	283	0	207	207	1	760	761
	Rockcastle		75	75		62	62		171	171
	Whitley	1	311	312	1	241	242	5	701	706
	13 - Cumberland Valley Total	1	1,105	1,106	1	832	833	14	2,954	2,968

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
14 - LAKE CUMBERLAND										
	Adair	2	107	109	2	80	82	4	296	300
	Casey	0	42	42	0	34	34	1	147	148
	Clinton	1	28	29	1	23	24	4	109	113
	Cumberland		42	42		34	34		104	104
	Green	1	63	64	1	42	43	3	144	147
	McCreary	1	63	64	1	45	46	3	348	351
	Pulaski	3	316	319	3	241	244	3	1,240	1,243
	Russell		67	67		48	48		310	310
	Taylor	0	113	113	0	61	61	4	282	286
	Wayne	0	100	100	0	69	69	4	361	365
	14 - Lake Cumberland Total	8	941	949	8	677	685	26	3,341	3,367
15 - BLUEGRASS										
	Anderson		123	123		75	75		268	268
	Bourbon	1	97	98	1	70	71	2	352	354
	Boyle	1	150	151	1	116	117	2	301	303
	Clark		181	181		112	112		418	418
	Estill		86	86		57	57		212	212
	Fayette	7	1,186	1,193	7	694	701	20	2,290	2,310
	Franklin	0	266	266	0	160	160	4	567	571
	Garrard	1	73	74	1	54	55	1	180	181
	Harrison	1	157	158	1	128	129	1	482	483
	Jessamine	1	241	242	1	157	158	2	458	460
	Lincoln	3	125	128	3	92	95	4	306	310
	Madison	2	398	400	2	280	282	4	902	906
	Mercer	1	111	112	1	74	75	1	244	245
	Nicholas	1	54	55	1	44	45	1	177	178
	Powell	0	59	59	0	36	36	2	170	172
	Scott		171	171		121	121		423	423
	Woodford	1	142	143	1	83	84	1	270	271
	15 - Bluegrass Total	20	3,620	3,640	20	2,353	2,373	45	8,020	8,065

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 3 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
Out of State										
Out of State		20	1,481	1,501	20	1,101	1,121	71	4,766	4,837
Grand Total		125	19,999	20,124	124	14,259	14,383	409	55,120	55,529

SECTION III

Trends in Cardiac Catheterization Utilization

2019 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT - CARDIAC CATHETERIZATION

Table 4 - Trend of Therapeutic and Diagnostic Cardiac Catheterization Procedures by Facility ADD

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

Facility ADD	All Therapeutic					Therapeutic & Diagnostic					All Diagnostic				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
01 - Purchase	1,203	906	888	1,285	1,429	907	866	852	865	939	3,227	3,110	3,374	3,299	3,709
02 - Pennyriple	452	383	314	348	436	361	365	304	284	331	1,384	1,376	1,102	1,027	1,106
03 - Green River	738	618	771	985	949	538	566	676	761	640	2,091	2,408	2,438	2,604	2,518
04 - Barren River	1,350	1,134	1,175	1,427	1,501	1,098	1,078	1,098	1,096	1,161	3,962	4,034	4,023	4,037	4,119
05 - Lincoln Trail	276	202	170	179	205	207	187	160	151	167	922	874	934	869	881
06 - KIPDA	5,531	4,221	3,800	4,864	4,683	4,072	3,810	3,395	3,755	3,537	13,927	13,377	12,589	13,366	12,649
07 - Northern Kentucky	1,871	1,531	1,414	1,761	1,972	1,389	1,349	1,236	1,306	1,428	4,172	4,569	4,370	4,433	4,791
08 - Buffalo Trace	819	596	499	452	318	438	293	250	206	163	1,671	1,375	1,359	1,259	1,150
09 - Gateway	201	202	197	173	161	180	184	177	142	145	629	659	714	614	705
10 - FIVCO	1,224	950	1,111	1,262	1,249	894	880	1,035	989	939	3,537	3,874	4,448	4,438	4,450
11 - Big Sandy	786	503	432	733	678	537	481	410	471	437	2,284	2,218	1,891	2,242	2,280
12 - Kentucky River	430	321	301	453	268	331	269	270	395	225	1,424	1,316	1,475	1,544	1,112
13 - Cumberland Valley	409	388	394	493	581	346	333	359	388	467	1,324	1,423	1,208	1,351	1,525
14 - Lake Cumberland	579	399	424	478	423	408	330	282	314	286	1,716	1,979	1,977	2,102	2,173
15 - Bluegrass	4,906	3,867	3,906	5,253	5,271	3,627	3,538	3,535	3,689	3,518	12,549	12,720	12,626	12,775	12,361
Statewide	20,775	16,221	15,796	20,146	20,124	15,333	14,529	14,039	14,812	14,383	54,819	55,312	54,528	55,960	55,529



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