

2013 Kentucky Annual Megavoltage Radiation Services Report

January 1 through December 31, 2013

Published September 2014



Commonwealth Of Kentucky
Cabinet for Health and Family Services
Office of Health Policy

Kentucky 
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2013 KENTUCKY MEGAVOLTAGE RADIATION SERVICES REPORT

INTRODUCTION

The Office of Health Policy of the Cabinet for Health and Family Services announces the release of the 2013 Kentucky Megavoltage Radiation Services Report. The collection and reporting of these data are required by 902 KAR 20:008 and 900 KAR 6:125.

This report covers the period of January 1, 2013 through December 31, 2013. It includes Linear Accelerator procedure utilization for all **licensed** units operating in Kentucky that are compliant with the Kentucky licensing and regulation reporting requirements. The Kentucky Annual Megavoltage Radiation Report is published independently of the Kentucky Hospital Utilization Report. By creating an independent report the licensed free standing Linear Accelerators in the Commonwealth have been included.

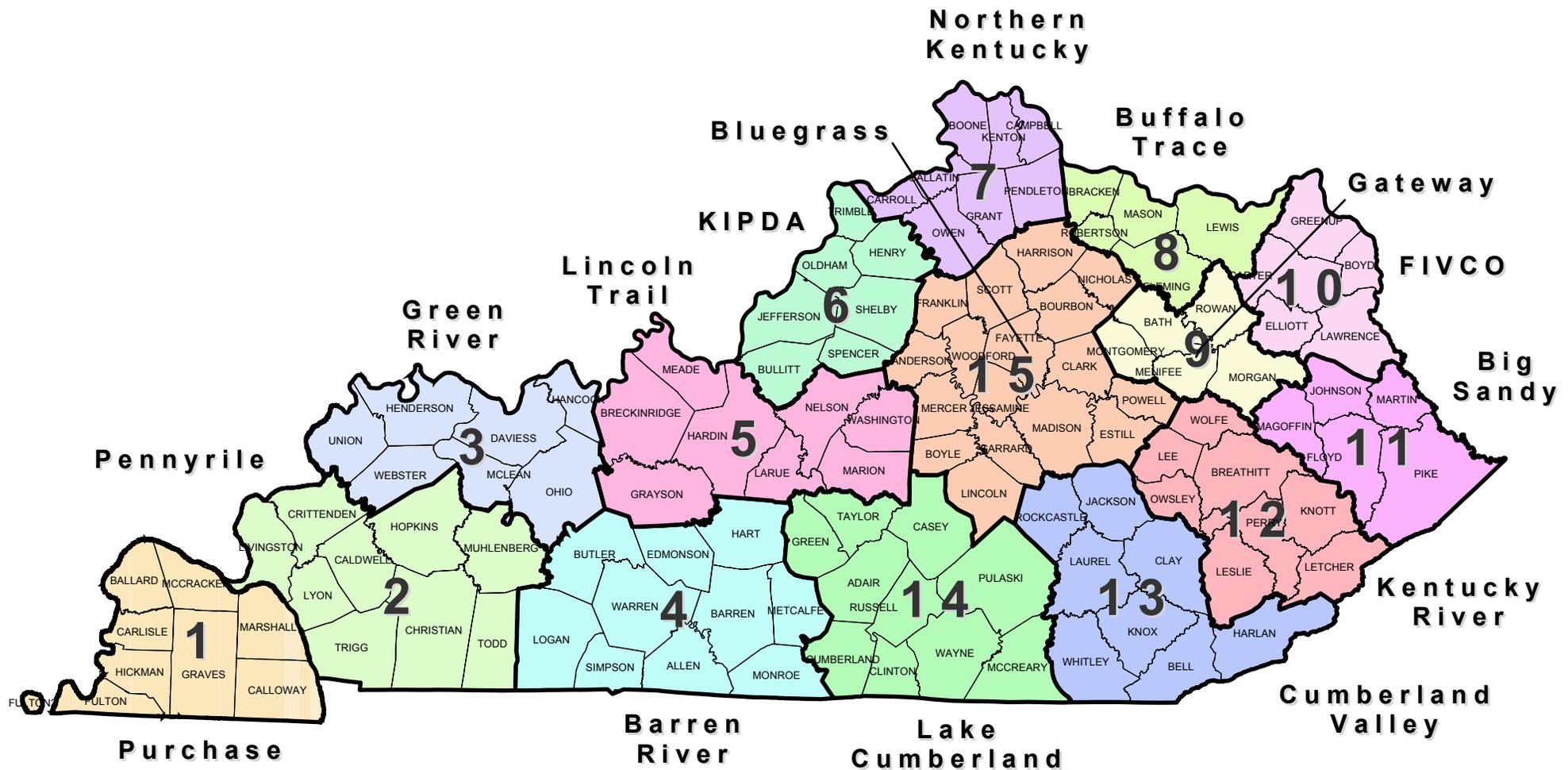
The 2013 report contains two tables. Table 1 documents Linear Accelerator utilization by county and facility. Table 2 documents Linear Accelerator utilization by Facility and Area Development District (ADD). Questions or comments should be directed to Beth Morris at (502) 564-9592 ext: 3156 or e-mail: BethA.Morris@ky.gov.

Please note that due to changes in technology linear accelerator simulations have declined statewide. Simulations are being performed on devices other than the linear accelerator. The 2013 Megavoltage Radiation Survey collected data on those simulations performed on other devices. Those data elements are represented in this report for linear accelerator simulations, CT simulations and other devices.

This report becomes the most recent official data on Megavoltage Radiation Services utilization published by the Cabinet for Health and Family Services. For additional copies of this report, see the following web site <http://chfs.ky.gov/ohp/dhppd/dataresgal.htm> or please submit a request in writing, checks should be made payable to the Kentucky State Treasurer and sent to:

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

Kentucky Counties and Area Development Districts (ADDs)





County and Area Development District Reference

ADD	ADD NAME	COUNTY	ADD	ADD NAME	COUNTY
8	BUFFALO TRACE	MASON ROBERTSON	13	CUMBERLAND VALLEY	LAUREL ROCKCASTLE
9	GATEWAY	BATH MENIFEE MONTGOMERY MORGAN ROWAN	14	LAKE CUMBERLAND	WHITLEY ADAIR CASEY CLINTON CUMBERLAND
10	FIVCO	BOYD CARTER ELLIOTT GREENUP LAWRENCE			GREEN MCCREARY PULASKI RUSSELL TAYLOR WAYNE
11	BIG SANDY	FLOYD JOHNSON MAGOFFIN MARTIN PIKE	15	BLUEGRASS	ANDERSON BOURBON BOYLE CLARK ESTILL FAYETTE FRANKLIN GARRARD HARRISON JESSAMINE LINCOLN MADISON MERCER NICHOLAS POWELL SCOTT WOODFORD
12	KY RIVER	BREATHITT KNOTT LEE LESLIE LETCHER OWSLEY PERRY WOLFE			
13	CUMBERLAND VALLEY	BELL CLAY HARLAN JACKSON KNOX			

Table 1
Megavoltage Radiation



By County and Facility

2013 KENTUCKY ANNUAL MEGAVOLTAGE RADIATION SERVICES REPORT

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations	CT Simulations	Other Device Simulations	Total Simulations
BARREN								
	Freestanding	The Barren River Regional Cancer Center	1	4,191	525	135	390	1,050
			1	4,191	525	135	390	1,050
BOYD								
	Freestanding	Tri State Regional Cancer Center	2	11,299	52	486	0	538
			2	11,299	52	486	0	538
BOYLE								
	Freestanding	Danville Radiation Therapy Center	1	5,775	0	481	0	481
			1	5,775	0	481	0	481
CALLOWAY								
	Hospital	Murray Calloway County Hospital	1	3,544	40	620	0	660
			1	3,544	40	620	0	660
CAMPBELL								
	Hospital	St Elizabeth Ft Thomas	1	2,465	181	88	0	269
			1	2,465	181	88	0	269
CHRISTIAN								
	Hospital	Jennie Stuart Medical Center	1	4,200	21	183	41	245
			1	4,200	21	183	41	245
DAVIESS								
	Freestanding	Owensboro Health Radiation Therapy-Parrish	2	4,627	232	245	0	477
	Hospital	Owensboro Medical Health System	2	3,791	185	195	0	380
			4	8,418	417	440	0	857
FAYETTE								
	Hospital	Central Baptist Hospital	2	7,729	2,397	862	46	3,305
	Freestanding	St Joseph Radiation Oncology Blazer Parkway	1	2,114	114	0	0	114
	Freestanding	St Joseph Radiation Oncology Bob O Link	1	3,490	196	0	233	429

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations	CT Simulations	Other Device Simulations	Total Simulations
	Hospital	University of Kentucky Hospital	4	24,349	2,086	1,144	0	3,230
			8	37,682	4,793	2,006	279	7,078
FRANKLIN								
	Freestanding	Bluegrass Radiation Oncology Center	1	2,679	0	235	0	235
			1	2,679	0	235	0	235
GREENUP								
	Freestanding	Bellefonte Cancer Center	1	2,049	310	121	0	431
			1	2,049	310	121	0	431
HARDIN								
	Hospital	Hardin Memorial Hospital	2	5,694	457	305	0	762
			2	5,694	457	305	0	762
HOPKINS								
	Hospital	Merle M Mahr Cancer Center	2	4,921	352	201	69	622
			2	4,921	352	201	69	622
JEFFERSON								
	Freestanding	Baptist Eastpoint Radiation Oncology	1	4,118	0	289	0	289
	Hospital	Baptist Health Louisville	3	14,090	0	1,211	0	1,211
	Hospital	Cyberknife Radiosurgery Center	1	199	0	199	0	199
	Freestanding	Louisville Radiation Oncology	2	5,952	0	571	0	571
	Freestanding	Norton Cancer Institute Radiation Center Northeast	1	3,463	0	455	0	455
	Hospital	Norton Hsp/Kosair Chdrn Hsp/Norton Healthcare Pav	1	7,640	0	1,020	0	1,020
	Hospital	Norton Suburban Hospital	2	9,979	0	1,265	0	1,265
	Hospital	University Of Louisville Hospital	6	19,350	180	1,316	26	1,522
			17	64,791	180	6,326	26	6,532
KENTON								
	Hospital	St Elizabeth Edgewood	3	6,585	464	375	0	839
			3	6,585	464	375	0	839

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations	CT Simulations	Other Device Simulations	Total Simulations
MCCRACKEN								
	Hospital	Baptist Health Paducah	2	15,514	1,360	0	0	1,360
			2	15,514	1,360	0	0	1,360
NELSON								
	Freestanding	Flaget Cancer Center	1	2,271	147	84	0	231
			1	2,271	147	84	0	231
PERRY								
	Hospital	Hazard ARH Regional Medical Center	1	3,855	428	195	233	856
			1	3,855	428	195	233	856
PIKE								
	Hospital	Pikeville Medical Center	2	6,329	0	303	0	303
			2	6,329	0	303	0	303
PULASKI								
	Hospital	Lake Cumberland Regional Hospital	1	7,288	557	318	0	875
			1	7,288	557	318	0	875
ROWAN								
	Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,050	195	157	0	352
			2	4,050	195	157	0	352
WARREN								
	Hospital	The Medical Center At Bowling Green	2	8,640	858	157	701	1,716
			2	8,640	858	157	701	1,716
		State Total:	56	212,240	11,337	13,216	1,739	26,292

Table 2
Megavoltage Radiation



By ADD and Facility

Table 2 - Megavoltage Radiation Therapy by ADD and County

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations	CT Simulations	Other Device Simulations	Total Simulations
1 PURCHASE									
 CALLOWAY									
		Hospital	Murray Calloway County Hospital	1	3,544	40	620	0	660
				1	3,544	40	620	0	660
 MCCRACKEN									
		Hospital	Baptist Health Paducah	2	15,514	1,360	0	0	1,360
				2	15,514	1,360	0	0	1,360
			ADD 1 Totals:	3	19,058	1,400	620	0	2,020
2 PENNYRILE									
 CHRISTIAN									
		Hospital	Jennie Stuart Medical Center	1	4,200	21	183	41	245
				1	4,200	21	183	41	245
 HOPKINS									
		Hospital	Merle M Mahr Cancer Center	2	4,921	352	201	69	622
				2	4,921	352	201	69	622
			ADD 2 Totals:	3	9,121	373	384	110	867
3 GREEN RIVER									
 DAVISS									
		Freestanding	Owensboro Health Radiation Therapy-Parrish	2	4,627	232	245	0	477
		Hospital	Owensboro Medical Health System	2	3,791	185	195	0	380
				4	8,418	417	440	0	857
			ADD 3 Totals:	4	8,418	417	440	0	857
4 BARREN RIVER									
 BARREN									
		Freestanding	The Barren River Regional Cancer Center	1	4,191	525	135	390	1,050
				1	4,191	525	135	390	1,050

Table 2 - Megavoltage Radiation Therapy by ADD and County

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations	CT Simulations	Other Device Simulations	Total Simulations
WARREN									
		Hospital	The Medical Center At Bowling Green	2	8,640	858	157	701	1,716
				2	8,640	858	157	701	1,716
			ADD 4 Totals:	3	12,831	1,383	292	1,091	2,766
5 LINCOLN TRAIL									
HARDIN									
		Hospital	Hardin Memorial Hospital	2	5,694	457	305	0	762
				2	5,694	457	305	0	762
NELSON									
		Freestanding	Flaget Cancer Center	1	2,271	147	84	0	231
				1	2,271	147	84	0	231
			ADD 5 Totals:	3	7,965	604	389	0	993
6 KIPDA									
JEFFERSON									
		Freestanding	Baptist Eastpoint Radiation Oncology	1	4,118	0	289	0	289
		Hospital	Baptist Health Louisville	3	14,090	0	1,211	0	1,211
		Hospital	Cyberknife Radiosurgery Center	1	199	0	199	0	199
		Freestanding	Louisville Radiation Oncology	2	5,952	0	571	0	571
		Freestanding	Norton Cancer Institute Radiation Center Northeast	1	3,463	0	455	0	455
		Hospital	Norton Hsp/Kosair Chdrn Hsp/Norton Healthcare Pav	1	7,640	0	1,020	0	1,020
		Hospital	Norton Suburban Hospital	2	9,979	0	1,265	0	1,265
		Hospital	University Of Louisville Hospital	6	19,350	180	1,316	26	1,522
				17	64,791	180	6,326	26	6,532
			ADD 6 Totals:	17	64,791	180	6,326	26	6,532

Table 2 - Megavoltage Radiation Therapy by ADD and County

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations	CT Simulations	Other Device Simulations	Total Simulations
7 NORTHERN KY									
CAMPBELL									
		Hospital	St Elizabeth Ft Thomas	1	2,465	181	88	0	269
				1	2,465	181	88	0	269
KENTON									
		Hospital	St Elizabeth Edgewood	3	6,585	464	375	0	839
				3	6,585	464	375	0	839
		ADD 7 Totals:		4	9,050	645	463	0	1,108
9 GATEWAY									
ROWAN									
		Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,050	195	157	0	352
				2	4,050	195	157	0	352
		ADD 9 Totals:		2	4,050	195	157	0	352
10 FIVCO									
BOYD									
		Freestanding	Tri State Regional Cancer Center	2	11,299	52	486	0	538
				2	11,299	52	486	0	538
GREENUP									
		Freestanding	Bellefonte Cancer Center	1	2,049	310	121	0	431
				1	2,049	310	121	0	431
		ADD 10 Totals:		3	13,348	362	607	0	969
11 BIG SANDY									
PIKE									
		Hospital	Pikeville Medical Center	2	6,329	0	303	0	303
				2	6,329	0	303	0	303
		ADD 11 Totals:		2	6,329	0	303	0	303

Table 2 - Megavoltage Radiation Therapy by ADD and County

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations	CT Simulations	Other Device Simulations	Total Simulations
12 KY RIVER									
PERRY									
		Hospital	Hazard ARH Regional Medical Center	1	3,855	428	195	233	856
				1	3,855	428	195	233	856
			ADD 12 Totals:	1	3,855	428	195	233	856
14 LAKE CUMBERLAND									
PULASKI									
		Hospital	Lake Cumberland Regional Hospital	1	7,288	557	318	0	875
				1	7,288	557	318	0	875
			ADD 14 Totals:	1	7,288	557	318	0	875
15 BLUEGRASS									
BOYLE									
		Freestanding	Danville Radiation Therapy Center	1	5,775	0	481	0	481
				1	5,775	0	481	0	481
FAYETTE									
		Hospital	Central Baptist Hospital	2	7,729	2,397	862	46	3,305
		Freestanding	St Joseph Radiation Oncology Blazer Parkway	1	2,114	114	0	0	114
		Freestanding	St Joseph Radiation Oncology Bob O Link	1	3,490	196	0	233	429
		Hospital	University of Kentucky Hospital	4	24,349	2,086	1,144	0	3,230
				8	37,682	4,793	2,006	279	7,078
FRANKLIN									
		Freestanding	Bluegrass Radiation Oncology Center	1	2,679	0	235	0	235
				1	2,679	0	235	0	235
			ADD 15 Totals:	10	46,136	4,793	2,722	279	7,794
			State Total:	56	212,240	11,337	13,216	1,739	26,292

Megavoltage Radiation



Comments Page

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Facility	Comments
Central Baptist Hospital	Ultrasound Machine This device is used for Prostate Seed and Mammosite placement.
Flaget Cancer Center	CT, MR, and PET scans for simulation and fusion are performed at our affiliate hospital; the department does not own the scanners. There is however a vacant CT vault in our department where a CT simulator is planned.
Jennie Stuart Medical Center	Simulations on other devices include Ultrasound simulations, MRI simulations for fusion with CT, and PET/CT simulations.
Owensboro Health Radiation Therapy-Parrish	This is for June-December. We submitted survey license number 100092 for January-May.
St Joseph Radiation Oncology Blazer Parkway	Synergy linac was removed for upgrade 6/17/13. Reopened with Agility linac on 7/26/13.
St Joseph Radiation Oncology Bob O Link	Conventional Simulator
Tri State Regional Cancer Center	CBCTs and Block Checks were included in 2012 reporting. Here in 2013, the report does not include CBCTs or block checks.



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