

2010 Kentucky Annual Megavoltage Radiation Services Report

January 1 through December 31, 2010

Published July 2011



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

Kentucky 
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2010 KENTUCKY MEGAVOLTAGE RADIATION SERVICES REPORT

INTRODUCTION

The Office of Health Policy of the Cabinet for Health and Family Services announces the release of the 2010 Kentucky Megavoltage Radiation Services Report. The collection and reporting of these data are required by 902 KAR 20:008 and 900 KAR 6:125.

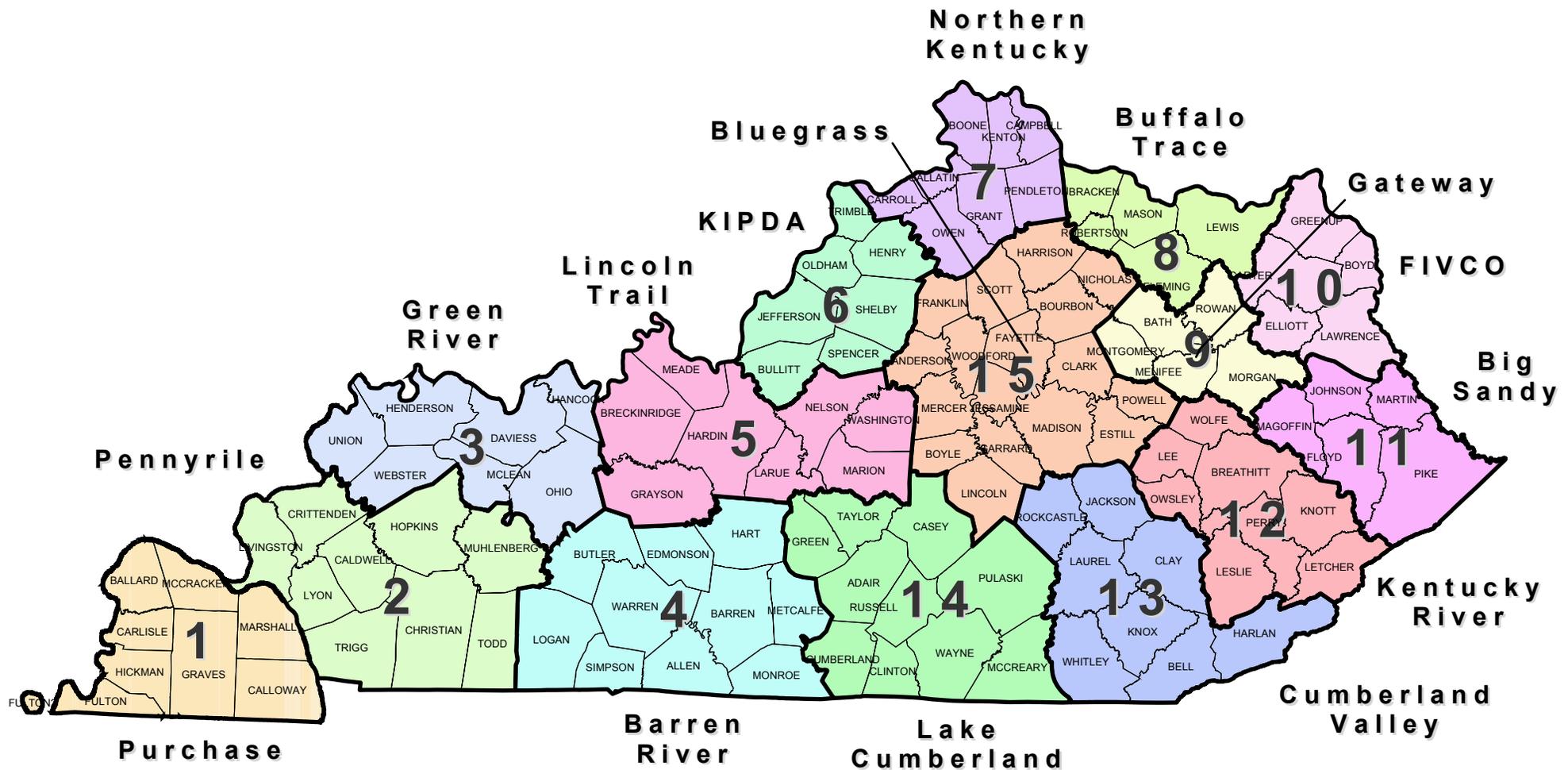
This report covers the period of January 1, 2010 through December 31, 2010. It includes Linear Accelerator procedure utilization for all **licensed** units operating in Kentucky that are compliant with the Kentucky licensing and regulation reporting requirements. This Megavoltage Report is published 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 2010 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. 3954 or e-mail: BethA.Morris@ky.gov.

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		
1	PURCHASE	BALLARD	4	BARREN RIVER	SIMPSON		
		CALLOWAY			WARREN		
		CARLISLE			METCALFE		
		FULTON			MONROE		
		2	PENNYRILE	GRAVES	5	LINCOLN TRAIL	BRECKINRIDGE
				HICKMAN			GRAYSON
				MARSHALL			HARDIN
				MCCRACKEN			LARUE
				CALDWELL			MARION
				CHRISTIAN	MEADE		
CRITTENDEN	NELSON						
HOPKINS	WASHINGTON						
LIVINGSTON	6			KIPDA	BULLITT		
LYON	HENRY						
MUHLENBERG	JEFFERSON						
TODD	OLDHAM						
TRIGG	SHELBY						
3	GREEN RIVER	DAVIESS	7	NORTHERN KY	SPENCER		
		HANCOCK			TRIMBLE		
		HENDERSON			BOONE		
		MCLEAN			CAMPBELL		
		OHIO			CARROLL		
		UNION			GALLATIN		
		WEBSTER			GRANT		
		ALLEN			KENTON		
4	BARREN RIVER	BARREN	8	BUFFALO TRACE	OWEN		
		BUTLER			PENDLETON		
		EDMONSON			BRACKEN		
		HART			FLEMING		
		LOGAN			LEWIS		



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			

2010 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
BARREN					
	Freestanding	The Barren River Regional Cancer Center	1	4,927	587
			1	4,927	587
BOYD					
	Freestanding	Tri State Regional Cancer Center	2	13,475	623
			2	13,475	623
BOYLE					
	Freestanding	Danville Radiation Therapy Center	1	5,516	517
			1	5,516	517
BULLITT					
	Hospital	Flaget Cancer Center	1	489	33
			1	489	33
CALLOWAY					
	Hospital	Murray Calloway County Hospital	1	2,468	391
			1	2,468	391
CAMPBELL					
	Hospital	St Elizabeth Ft Thomas	1	2,756	266
			1	2,756	266
CHRISTIAN					
	Hospital	Jennie Stuart Medical Center	1	4,156	242
			1	4,156	242
DAVISS					
	Hospital	Owensboro Medical Health System	2	8,889	429
			2	8,889	429
FAYETTE					
	Hospital	Central Baptist Hospital	2	8,049	2,592

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
	Hospital	St Joseph Radiation Oncology Blazer Parkway	1	3,637	175
	Hospital	St Joseph Radiation Oncology Bob O Link	1	3,968	261
	Hospital	University of Ky Hospital	4	18,355	1,969
			8	34,009	4,997
FRANKLIN					
	Freestanding	Bluegrass Radiation Oncology Center	1	3,181	315
			1	3,181	315
GREENUP					
	Freestanding	Bellefonte Cancer Center	1	3,652	260
			1	3,652	260
HARDIN					
	Hospital	Hardin Memorial Hospital	2	6,824	830
			2	6,824	830
HENDERSON					
	Freestanding	Therapy Associates Cancer Center	1	119	136
			1	119	136
HOPKINS					
	Hospital	Regional Medical Center of Hopkins Co	2	5,058	633
			2	5,058	633
JEFFERSON					
	Hospital	Baptist Hospital East	4	19,077	1,770
	Hospital	Kindred Hospital Louisville	2	372	7
	Freestanding	Louisville Radiation Oncology	2	5,925	704
	Hospital	Norton Suburban Hospital	2	14,766	2,253
	Freestanding	Owsley Brown Frazier Radiation Center	1	5,163	599
	Hospital	University Of Louisville Hospital	5	22,648	1,878
			16	67,951	7,211

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
KENTON					
	Hospital	St Elizabeth Edgewood	3	5,855	669
			3	5,855	669
MCCRACKEN					
	Hospital	Western Baptist Hospital	2	14,627	1,440
			2	14,627	1,440
PERRY					
	Hospital	Hazard ARH Regional Medical Center	1	4,278	543
			1	4,278	543
PIKE					
	Hospital	Pikeville Medical Center	2	5,736	274
			2	5,736	274
PULASKI					
	Hospital	Lake Cumberland Regional Hospital	1	6,629	325
			1	6,629	325
ROWAN					
	Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,323	161
			2	4,323	161
WARREN					
	Hospital	The Medical Center At Bowling Green	2	9,038	1,183
			2	9,038	1,183
			State Total:	54	213,956
					22,065

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
1 PURCHASE						
 CALLOWAY						
		Hospital	Murray Calloway County Hospital	1	2,468	391
				1	2,468	391
 MCCRACKEN						
		Hospital	Western Baptist Hospital	2	14,627	1,440
				2	14,627	1,440
				ADD 1 Totals:	3	17,095
2 PENNYRILE						
 CHRISTIAN						
		Hospital	Jennie Stuart Medical Center	1	4,156	242
				1	4,156	242
 HOPKINS						
		Hospital	Regional Medical Center of Hopkins Co	2	5,058	633
				2	5,058	633
				ADD 2 Totals:	3	9,214
3 GREEN RIVER						
 DAVISS						
		Hospital	Owensboro Medical Health System	2	8,889	429
				2	8,889	429
 HENDERSON						
		Freestanding	Therapy Associates Cancer Center	1	119	136
				1	119	136
				ADD 3 Totals:	3	9,008

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
4 BARREN RIVER						
BARREN						
		Freestanding	The Barren River Regional Cancer Center	1	4,927	587
				1	4,927	587
WARREN						
		Hospital	The Medical Center At Bowling Green	2	9,038	1,183
				2	9,038	1,183
			ADD 4 Totals:	3	13,965	1,770
5 LINCOLN TRAIL						
HARDIN						
		Hospital	Hardin Memorial Hospital	2	6,824	830
				2	6,824	830
			ADD 5 Totals:	2	6,824	830
6 KIPDA						
BULLITT						
		Hospital	Flaget Cancer Center	1	489	33
				1	489	33
JEFFERSON						
		Hospital	Baptist Hospital East	4	19,077	1,770
		Hospital	Kindred Hospital Louisville	2	372	7
		Freestanding	Louisville Radiation Oncology	2	5,925	704
		Hospital	Norton Suburban Hospital	2	14,766	2,253
		Freestanding	Owsley Brown Frazier Radiation Center	1	5,163	599
		Hospital	University Of Louisville Hospital	5	22,648	1,878
				16	67,951	7,211
			ADD 6 Totals:	17	68,440	7,244

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
7 NORTHERN KY						
CAMPBELL						
		Hospital	St Elizabeth Ft Thomas	1	2,756	266
				1	2,756	266
KENTON						
		Hospital	St Elizabeth Edgewood	3	5,855	669
				3	5,855	669
			ADD 7 Totals:	4	8,611	935
9 GATEWAY						
ROWAN						
		Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,323	161
				2	4,323	161
			ADD 9 Totals:	2	4,323	161
10 FIVCO						
BOYD						
		Freestanding	Tri State Regional Cancer Center	2	13,475	623
				2	13,475	623
GREENUP						
		Freestanding	Bellefonte Cancer Center	1	3,652	260
				1	3,652	260
			ADD 10 Totals:	3	17,127	883
11 BIG SANDY						
PIKE						
		Hospital	Pikeville Medical Center	2	5,736	274
				2	5,736	274
			ADD 11 Totals:	2	5,736	274

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
12 KY RIVER						
PERRY						
	Hospital		Hazard ARH Regional Medical Center	1	4,278	543
				1	4,278	543
			ADD 12 Totals:	1	4,278	543
14 LAKE CUMBERLAND						
PULASKI						
	Hospital		Lake Cumberland Regional Hospital	1	6,629	325
				1	6,629	325
			ADD 14 Totals:	1	6,629	325
15 BLUEGRASS						
BOYLE						
	Freestanding		Danville Radiation Therapy Center	1	5,516	517
				1	5,516	517
FAYETTE						
	Hospital		Central Baptist Hospital	2	8,049	2,592
	Hospital		St Joseph Radiation Oncology Blazer Parkway	1	3,637	175
	Hospital		St Joseph Radiation Oncology Bob O Link	1	3,968	261
	Hospital		University of Ky Hospital	4	18,355	1,969
				8	34,009	4,997
FRANKLIN						
	Freestanding		Bluegrass Radiation Oncology Center	1	3,181	315
				1	3,181	315
			ADD 15 Totals:	10	42,706	5,829
			State Total:	54	213,956	22,065

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Facility	Comments
Baptist Hospital East	One device is located at 2400 Eastpoint Parkway.
Flaget Cancer Center	Services began September 13, 2010
Kindred Hospital Louisville	Radiation Therapy Department closed in February 2011
Owensboro Medical Health System	Simulations reported for 2009 were overstated because they included simulations not done in the megavoltage machine.
Tri State Regional Cancer Center	Referece: Journal of the American College of Radiology article by M. S. Gossman in 2011
UK Clinic Morehead Cancer Treatment Center	Only one unit was functional during CY 2010
University of Ky Hospital	One of the linear accelerators has been decommissioned, but remained on site
University Of Louisville Hospital	5 Linear, 2 Simulators



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