

2011 Kentucky Annual Megavoltage Radiation Services Report

January 1 through December 31, 2011

Revised Publication August 2012



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

Kentucky 
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2011 KENTUCKY MEGAVOLTAGE RADIATION SERVICES REPORT

INTRODUCTION

The Office of Health Policy of the Cabinet for Health and Family Services announces the release of the 2011 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, 2011 through December 31, 2011. 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.

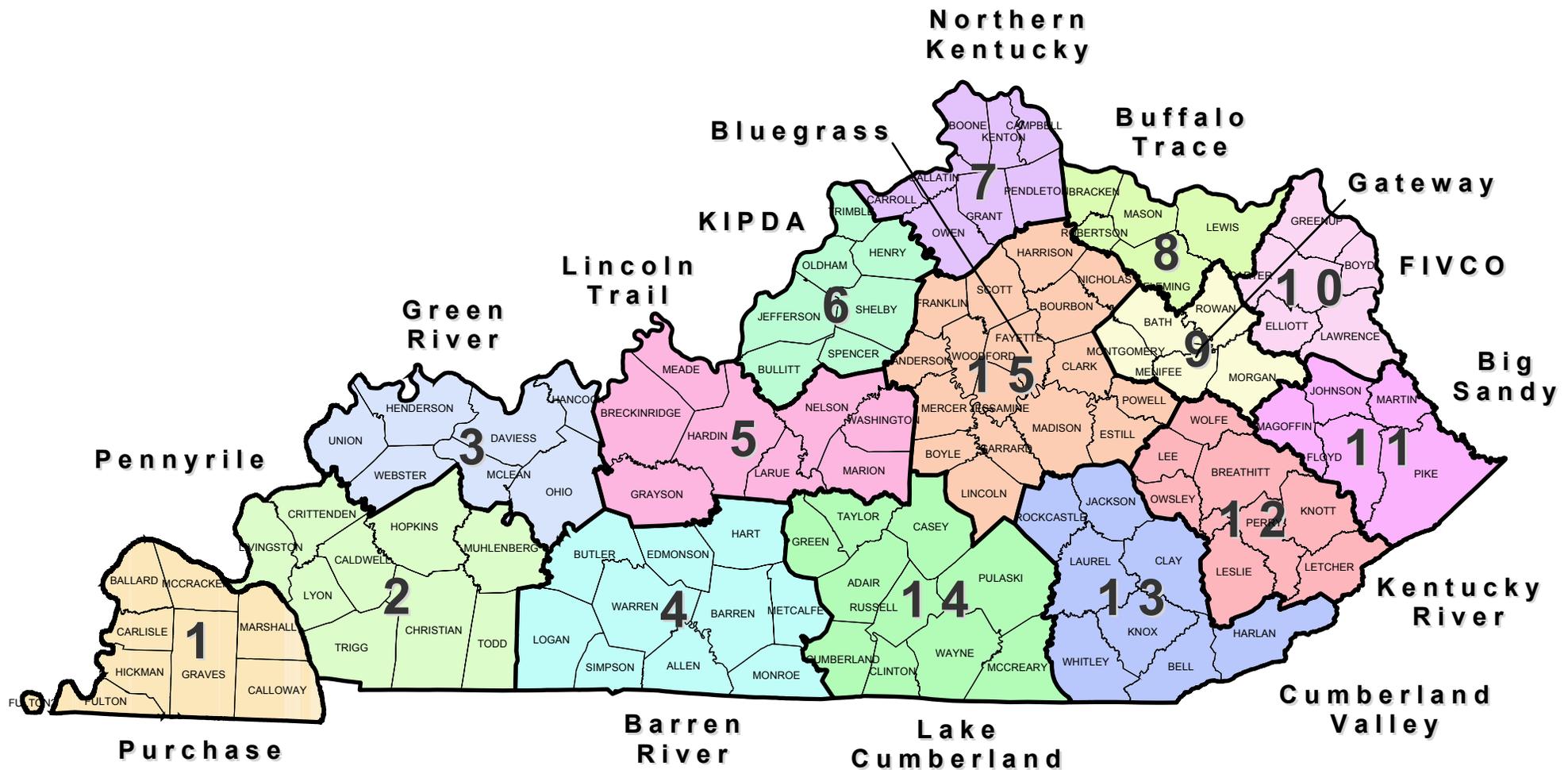
The 2011 report contains two tables. Table 1 documents Linear Accelerator utilization by county and facility. Table 2 documents Linear Accelerator utilization by Facility and Area Development District (ADD). Questions or comments should be directed to Beth Morris at (502) 564-9592 ext: 3156 or e-mail: 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 2012 Megavoltage Survey will be gathering data on those simulations performed on 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		
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	BULLITT						
LYON	HENRY						
3	GREEN RIVER	MUHLENBERG	6	KIPDA	JEFFERSON		
		TODD			OLDHAM		
		TRIGG			SHELBY		
		DAVIESS			SPENCER		
		HANCOCK			TRIMBLE		
		HENDERSON			7	NORTHERN KY	BOONE
		MCLEAN			CAMPBELL		
		OHIO			CARROLL		
		UNION			GALLATIN		
		WEBSTER			GRANT		
4	BARREN RIVER	ALLEN	8	BUFFALO TRACE	KENTON		
		BARREN			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			

Table 1
Megavoltage Radiation



By County and Facility

2011 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	1	5,832	557
			1	5,832	557
BOYD					
	Freestanding	Tri State Regional Cancer Center	2	13,817	650
			2	13,817	650
BOYLE					
	Freestanding	Danville Radiation Therapy Center	1	6,141	537
			1	6,141	537
CALLOWAY					
	Hospital	Murray Calloway County Hospital	1	3,830	494
			1	3,830	494
CAMPBELL					
	Hospital	St Elizabeth Ft Thomas	1	2,513	254
			1	2,513	254
CHRISTIAN					
	Hospital	Jennie Stuart Medical Center	1	4,650	18
			1	4,650	18
DAVIESS					
	Hospital	Owensboro Medical Health System	2	9,754	347
			2	9,754	347
FAYETTE					
	Hospital	Central Baptist Hospital	2	8,650	2,822
	Hospital	St Joseph Radiation Oncology Blazer Parkway	1	2,694	138
	Hospital	St Joseph Radiation Oncology Bob O Link	1	3,255	228
	Hospital	University of Ky Hospital	4	19,856	1,909
			8	34,455	5,097
FRANKLIN					
	Freestanding	Bluegrass Radiation Oncology Center	1	2,679	239
			1	2,679	239

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
GREENUP					
	Freestanding	Bellefonte Cancer Center	1	2,782	196
			1	2,782	196
HARDIN					
	Hospital	Hardin Memorial Hospital	2	7,016	302
			2	7,016	302
HENDERSON					
	Freestanding	Therapy Associates Cancer Center	1	1,424	0
			1	1,424	0
HOPKINS					
	Hospital	Regional Medical Center of Hopkins Co	2	4,405	534
			2	4,405	534
JEFFERSON					
	Hospital	Baptist Eastpoint Radiation Oncology	1	2,961	244
	Hospital	Baptist Hospital East	3	16,416	1,460
	Freestanding	Louisville Radiation Oncology	2	5,967	781
	Hospital	Norton Hsp/Kosair Chdrn Hsp/Norton Healthcare Pav	1	1,997	378
	Hospital	Norton Suburban Hospital	2	13,628	2,014
	Freestanding	Owsley Brown Frazier Radiation Center	1	6,379	762
	Hospital	University Of Louisville Hospital	5	23,718	1,684
			15	71,066	7,323
KENTON					
	Hospital	St Elizabeth Edgewood	3	5,886	706
			3	5,886	706
MCCRACKEN					
	Hospital	Western Baptist Hospital	2	14,337	10
			2	14,337	10
NELSON					
	Hospital	Flaget Cancer Center	1	1,669	94
			1	1,669	94
PERRY					
	Hospital	Hazard ARH Regional Medical Center	1	5,117	679
			1	5,117	679
PIKE					
	Hospital	Pikeville Medical Center	2	7,150	0
			2	7,150	0

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
PULASKI					
	Hospital	Lake Cumberland Regional Hospital	1	7,639	633
			1	7,639	633
ROWAN					
	Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,281	187
			2	4,281	187
WARREN					
	Hospital	The Medical Center At Bowling Green	2	9,185	1,048
			2	9,185	1,048
			State Total:	53	225,628
					19,905

Table 2
Megavoltage Radiation



By ADD and Facility

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	3,830	494
				<u>1</u>	<u>3,830</u>	<u>494</u>
MCCRACKEN						
	Hospital		Western Baptist Hospital	2	14,337	10
				<u>2</u>	<u>14,337</u>	<u>10</u>
			ADD 1 Totals:	3	18,167	504
2 PENNYRILE						
CHRISTIAN						
	Hospital		Jennie Stuart Medical Center	1	4,650	18
				<u>1</u>	<u>4,650</u>	<u>18</u>
HOPKINS						
	Hospital		Regional Medical Center of Hopkins Co	2	4,405	534
				<u>2</u>	<u>4,405</u>	<u>534</u>
			ADD 2 Totals:	3	9,055	552
3 GREEN RIVER						
DAVISS						
	Hospital		Owensboro Medical Health System	2	9,754	347
				<u>2</u>	<u>9,754</u>	<u>347</u>
HENDERSON						
	Freestanding		Therapy Associates Cancer Center	1	1,424	0
				<u>1</u>	<u>1,424</u>	<u>0</u>
			ADD 3 Totals:	3	11,178	347
4 BARREN RIVER						
BARREN						
	Freestanding		The Barren River Regional Cancer	1	5,832	557
				<u>1</u>	<u>5,832</u>	<u>557</u>
WARREN						
	Hospital		The Medical Center At Bowling Green	2	9,185	1,048
				<u>2</u>	<u>9,185</u>	<u>1,048</u>
			ADD 4 Totals:	3	15,017	1,605
5 LINCOLN TRAIL						
HARDIN						
	Hospital		Hardin Memorial Hospital	2	7,016	302
				<u>2</u>	<u>7,016</u>	<u>302</u>

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
NELSON						
		Hospital	Flaget Cancer Center	1	1,669	94
				1	1,669	94
				ADD 5 Totals:	3	8,685
6	KIPDA					
JEFFERSON						
		Hospital	Baptist Eastpoint Radiation Oncology	1	2,961	244
		Hospital	Baptist Hospital East	3	16,416	1,460
		Freestanding	Louisville Radiation Oncology	2	5,967	781
		Hospital	Norton Hsp/Kosair Chdrn Hsp/Norton Healthcare Pav	1	1,997	378
		Hospital	Norton Suburban Hospital	2	13,628	2,014
		Freestanding	Owsley Brown Frazier Radiation Ctr	1	6,379	762
		Hospital	University Of Louisville Hospital	5	23,718	1,684
				15	71,066	7,323
				ADD 6 Totals:	15	71,066
7	NORTHERN KY					
CAMPBELL						
		Hospital	St Elizabeth Ft Thomas	1	2,513	254
				1	2,513	254
KENTON						
		Hospital	St Elizabeth Edgewood	3	5,886	706
				3	5,886	706
				ADD 7 Totals:	4	8,399
9	GATEWAY					
ROWAN						
		Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,281	187
				2	4,281	187
				ADD 9 Totals:	2	4,281
10	FIVCO					
BOYD						
		Freestanding	Tri State Regional Cancer Center	2	13,817	650
				2	13,817	650
GREENUP						
		Freestanding	Bellefonte Cancer Center	1	2,782	196
				1	2,782	196
				ADD 10 Totals:	3	16,599

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear Acc Simulations
11 BIG SANDY						
PIKE						
		Hospital	Pikeville Medical Center	2	7,150	0
				2	7,150	0
				ADD 11 Totals:	2	7,150
12 KY RIVER						
PERRY						
		Hospital	Hazard ARH Regional Medical Center	1	5,117	679
				1	5,117	679
				ADD 12 Totals:	1	5,117
14 LAKE CUMBERLAND						
PULASKI						
		Hospital	Lake Cumberland Regional Hospital	1	7,639	633
				1	7,639	633
				ADD 14 Totals:	1	7,639
15 BLUEGRASS						
BOYLE						
		Freestanding	Danville Radiation Therapy Center	1	6,141	537
				1	6,141	537
FAYETTE						
		Hospital	Central Baptist Hospital	2	8,650	2,822
		Hospital	St Joseph Radiation Oncology Blazer Parkway	1	2,694	138
		Hospital	St Joseph Radiation Oncology Bob O Link	1	3,255	228
		Hospital	University of Ky Hospital	4	19,856	1,909
				8	34,455	5,097
FRANKLIN						
		Freestanding	Bluegrass Radiation Oncology Center	1	2,679	239
				1	2,679	239
				ADD 15 Totals:	10	43,275
				State Total:	53	225,628

Megavoltage Radiation



Comments Page

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Comments Section

Facility	Comments
Baptist Hospital East	Previous (2010) survey included Baptist Eastpoint Radiation Therapy.
Jennie Stuart Medical Center	The difference between Total Linear Accelerator Simulations from previous years is due to additional information under the definition Simulation "only count those simulation that are performed on the linear accelerator equipment.
Norton Hsp/Kosair Chdrn Hsp/Norton Healthcare Pav	Opened August 2011
Pikeville Medical Center	The variance from prior years in the number of simulations reported is attributable to the current year definition of "simulation" to include only those completed on the linear accelerator. LinAc simulations are not tracked independently.
Tri State Regional Cancer Center	Devices: 2 LINAC & 1 CT = 3



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