

2008 Kentucky Annual Megavoltage Radiation Services Report

January 1 through December 31, 2008

Published June 2009



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

Kentucky 
UNBRIDLED SPIRIT™

2008 KENTUCKY MEGAVOLTAGE RADIATION SERVICES REPORT

INTRODUCTION

The Office of Health Policy of the Cabinet for Health and Family Services announces the release of the 2008 Kentucky Megavoltage Radiation Services Report. The collection and reporting of these data are required by 902 KAR 20:008.

This report covers the period of January 1, 2008 through December 31, 2008. 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 2008 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



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				
		GRAVES			5	LINCOLN TRAIL	BRECKINRIDGE		
		HICKMAN					GRAYSON		
		MARSHALL					HARDIN		
		MCCRACKEN					LARUE		
		CALDWELL					MARION		
		CHRISTIAN					MEADE		
2	PENNYRILE	CRITTENDEN	6	KIPDA	NELSON				
		HOPKINS			WASHINGTON				
		LIVINGSTON			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								
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			

2008 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	4,753	572
			1	4,753	572
BOYD					
	Freestanding	Tri State Regional Cancer Center	2	15,331	720
			2	15,331	720
BOYLE					
	Freestanding	Danville Radiation Therapy Center	1	4,727	238
			1	4,727	238
CALLOWAY					
	Hospital	Murray Calloway County Hospital	1	3,698	274
			1	3,698	274
CAMPBELL					
	Hospital	St Luke Hospital East	1	3,138	230
			1	3,138	230
CHRISTIAN					
	Hospital	Jennie Stuart Medical Center	1	4,641	248
			1	4,641	248
DAVIESS					
	Hospital	Owensboro Medical Health System	2	8,832	614
			2	8,832	614
FAYETTE					
	Hospital	Central Baptist Hospital	2	8,152	903
	Hospital	University Of Ky Hospital	3	15,807	2,207
			5	23,959	3,110

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear ACC Simulations
FRANKLIN					
	Freestanding	Bluegrass Radiation Oncology Center	1	3,714	178
			1	3,714	178
GREENUP					
	Freestanding	Bellefonte Cancer Center	1	3,321	314
			1	3,321	314
HARDIN					
	Hospital	Hardin Memorial Hospital	2	6,633	737
			2	6,633	737
HOPKINS					
	Hospital	Regional Medical Center of Hopkins Co	2	5,324	682
			2	5,324	682
JEFFERSON					
	Hospital	Baptist Hospital East	3	20,029	1,755
	Hospital	Kindred Hospital Louisville	2	1,829	106
	Freestanding	Louisville Radiation Oncology	2	7,056	296
	Hospital	Norton Suburban Hospital	2	14,389	2,072
	Hospital	University Of Louisville Hospital	5	32,635	2,013
			14	75,938	6,242
KENTON					
	Hospital	St Elizabeth Medical Center South	3	6,110	744
			3	6,110	744
MCCRACKEN					
	Hospital	Western Baptist Hospital	2	16,539	1,581
			2	16,539	1,581

Table 1 - Megavoltage Radiation Therapy by County and Facility

County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear ACC Simulations
PERRY					
	Hospital	Hazard ARH Regional Medical Center	1	4,362	504
			1	4,362	504
PIKE					
	Hospital	Pikeville Medical Center	2	5,486	241
			2	5,486	241
PULASKI					
	Hospital	Lake Cumberland Regional Hospital	1	6,926	1,219
			1	6,926	1,219
ROWAN					
	Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,150	180
			2	4,150	180
WARREN					
	Hospital	The Medical Center At Bowling Green	2	10,101	1,437
			2	10,101	1,437
State Total:			47	217,683	20,065

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	3,698	274
					1	3,698	274
MCCRACKEN							
		Hospital	Western Baptist Hospital		2	16,539	1,581
					2	16,539	1,581
				ADD 1 Totals:	3	20,237	1,855
2 PENNYRILE							
CHRISTIAN							
		Hospital	Jennie Stuart Medical Center		1	4,641	248
					1	4,641	248
HOPKINS							
		Hospital	Regional Medical Center of Hopkins Co		2	5,324	682
					2	5,324	682
				ADD 2 Totals:	3	9,965	930
3 GREEN RIVER							
DAVIESS							
		Hospital	Owensboro Medical Health System		2	8,832	614
					2	8,832	614
				ADD 3 Totals:	2	8,832	614
4 BARREN RIVER							
BARREN							
		Freestanding	The Barren River Regional Cancer Center		1	4,753	572
					1	4,753	572

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear ACC Simulations
WARREN						
	Hospital		The Medical Center At Bowling Green	2	10,101	1,437
				2	10,101	1,437
			ADD 4 Totals:	3	14,854	2,009
5 LINCOLN TRAIL						
HARDIN						
	Hospital		Hardin Memorial Hospital	2	6,633	737
				2	6,633	737
			ADD 5 Totals:	2	6,633	737
6 KIPDA						
JEFFERSON						
	Hospital		Baptist Hospital East	3	20,029	1,755
	Hospital		Kindred Hospital Louisville	2	1,829	106
	Freestanding		Louisville Radiation Oncology	2	7,056	296
	Hospital		Norton Suburban Hospital	2	14,389	2,072
	Hospital		University Of Louisville Hospital	5	32,635	2,013
				14	75,938	6,242
			ADD 6 Totals:	14	75,938	6,242
7 NORTHERN KY						
CAMPBELL						
	Hospital		St Luke Hospital East	1	3,138	230
				1	3,138	230
KENTON						
	Hospital		St Elizabeth Medical Center South	3	6,110	744
				3	6,110	744
			ADD 7 Totals:	4	9,248	974

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear ACC Simulations
9 GATEWAY						
ROWAN						
		Freestanding	UK Clinic Morehead Cancer Treatment Center	2	4,150	180
				2	4,150	180
				ADD 9 Totals:	2	4,150
					4,150	180
10 FIVCO						
BOYD						
		Freestanding	Tri State Regional Cancer Center	2	15,331	720
				2	15,331	720
				ADD 10 Totals:	3	18,652
					18,652	1,034
GREENUP						
		Freestanding	Bellefonte Cancer Center	1	3,321	314
				1	3,321	314
				ADD 10 Totals:	3	18,652
					18,652	1,034
11 BIG SANDY						
PIKE						
		Hospital	Pikeville Medical Center	2	5,486	241
				2	5,486	241
				ADD 11 Totals:	2	5,486
					5,486	241
12 KY RIVER						
PERRY						
		Hospital	Hazard ARH Regional Medical Center	1	4,362	504
				1	4,362	504
				ADD 12 Totals:	1	4,362
					4,362	504

Table 2 - Megavoltage Radiation Therapy by County and Facility

ADD	County	Service Type	Facility	Linear Acc Units	Linear Acc Procedures	Linear ACC Simulations
14 LAKE CUMBERLAND						
PULASKI						
	Hospital		Lake Cumberland Regional Hospital	1	6,926	1,219
				1	6,926	1,219
			ADD 14 Totals:	1	6,926	1,219
15 BLUEGRASS						
BOYLE						
	Freestanding		Danville Radiation Therapy Center	1	4,727	238
				1	4,727	238
FAYETTE						
	Hospital		Central Baptist Hospital	2	8,152	903
	Hospital		University Of Ky Hospital	3	15,807	2,207
				5	23,959	3,110
FRANKLIN						
	Freestanding		Bluegrass Radiation Oncology Center	1	3,714	178
				1	3,714	178
			ADD 15 Totals:	7	32,400	3,526
			State Total:	47	217,683	20,065

2008 KENTUCKY ANNUAL MEGAVOLTAGE RADIATION SERVICES REPORT

Notes Section

Facility	Comments
Baptist Hospital East	One linear accelerator is a Novalis Brainlab that is used primarily for stereotactic radiosurgery and radiotherapy.
Kindred Hospital Louisville	Department was not operational from January 12, 2008 through July 27, 2008
UK Clinic Morehead Cancer Treatment Center	Only one unit was functional during CY 2008
University Of Ky Hospital	Two devices were functional and one non-functional during 2008 calendar year.



CABINET FOR HEALTH AND FAMILY SERVICES
CHFS.KY.GOV