



**Arkansas Department of Health**

***Hospital Inpatient Discharge Data***  
***Annual Report***  
***2007***

Arkansas Department of Health  
Center for Health Statistics  
4815 West Markham Street, Slot 19  
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## **ACKNOWLEDGEMENTS**

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## INTRODUCTION

The Arkansas Hospital Discharge Data System is one the most important tools for addressing a broad range of health policy issues. Act 670 of 1995, A.C.A. 20-7-201 et seq. requires all hospitals licensed in the state of Arkansas to report information on inpatient discharges. In the pages to follow, there is summary information about the inpatient hospital discharge data collected for calendar year 2007. The Annual Report includes statewide information as well as specific information on General Medical Surgical (GMS) Hospitals, Critical Access Hospitals (CAH) and Specialty Hospitals. Please take note that the Veteran's Hospitals (VA) did not submit 2007 data, therefore it is not included in the state reports.

The GMS hospitals are divided into four peer groups on the basis of number of discharges reported and type of service. Long-term acute care hospitals are reported as a separate group due to the thought that the unusually long lengths of stay and higher resulting charges would unduly influence the summary statistics of the four hospital peer groups. Also, there is specific information reported for CAH, Psychiatric Hospitals and Rehabilitation Hospitals.

Arkansas Children's Hospital and the Arkansas Heart Hospital are hospitals with limited comparability. Therefore, Arkansas Children's Hospital's data is included in the table titled "Patients Aged 0-18, Excluding Normal Newborns (DRG 795)." This table includes all reported services to that age group from all reporting hospitals. The Arkansas Heart Hospital's data is included in the table titled "Major Diagnostic Category 05 (MDC 05) – Diseases and Disorders of the Circulatory System." This table includes all reported services in the MDC 05 from all reporting hospitals.

Specific hospital information is not included in this report; for this request contact Lynda Lehing, Section Chief Hospital Discharge Data Section, via [Lynda.lehing@arkansas.gov](mailto:Lynda.lehing@arkansas.gov).

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**THE STATE OF ARKANSAS**

**HOSPITAL DISCHARGE DATA  
FOR THE STATE OF ARKANSAS**

**Overall Utilization**

Total Discharges	428,104	Average Length of Stay	5.1
Total Patient Days	2,187,803	Average Charge per Discharge	\$ 19,289.16
Average Census per Day	5,994.0	Average Charge per Day	\$ 3,774.42

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female (254,694)				
Under 15 years	29,200	6.8	5.6	3.3
15 – 44 years	79,385	18.5	12.2	3.3
45 – 64 years	50,588	11.8	11.6	13.9
65 years and above	95,521	22.3	26.5	24.9
Male (173,375)				
Under 15 years	33,022	7.7	7.1	4.4
15 – 44 years	29,513	6.9	8.3	7.1
45 – 64 years	46,285	10.8	11.3	15.0
65 years and above	64,555	15.1	17.3	20.0

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	407,984	95.3	2,068,683	94.6
Non-Resident	20,087	4.7	118,832	5.4
Unknown	33	0.0	288	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	72.8
Other GMS Hospital	2.4
Skilled Nursing Facility	5.9
Intermediate Care Facility	1.5
Other Institution	0.9
Home Health	7.8
Left Against Medical Advice	0.6
Home IV Provider	0.0
Expired	2.3
Other	5.7

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	43.3
Medicaid	20.7
Other Government	1.2
Commercial Insurance	25.3
Self-Pay	7.1
Other/Unknown	2.5

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	33.0
Urgent	23.1
Elective	34.7
Newborn	9.0
Information Not Available	0.2

**Obstetrical Utilization**

Normal Deliveries	25,609	% of Deliveries	64.8
Cesarean Deliveries	13,889	% of Deliveries	35.2
Total Deliveries	39,498		
Total Births	39,163		

Note: VA Hospitals not included

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
THE STATE OF ARKANSAS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	21,066	37,564	1.8
885	PSYCHOSES	17,504	224,461	12.8
945	REHABILITATION W CC/MCC	11,882	148,419	12.5
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	10,133	30,756	3.0
766	CESAREAN SECTION W/O CC/MCC	9,795	25,356	2.6
470	MAJ JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	8,584	31,012	3.6
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	7,271	25,478	3.5
194	SIMPLE PNEUMONIA & PLEURISY W CC	6,692	32,244	4.8
794	NEONATE W OTHER SIGNIFICANT PROBLEMS	5,898	14,429	2.4
743	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	5,774	12,201	2.1

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS- DRGs**

*Refer To MS-DRG # Above*

	775	885	945	392	766	470	195	194	794	743
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.3	13	0.0	12.3	0.1	0.0	25.8	10.0	100.0	0.3
15 - 44 years	99.6	53.7	4.4	24.7	99.8	3.4	11.4	7.8	0.0	62.3
45 - 64 years	0.0	23.8	16.6	29.4	0.1	36.7	18.8	21.9	0.0	32.2
65 - 84 years	0.0	8.0	57.3	26.5	0.0	53.7	30.5	43.4	0.0	5.1
85 years and above	0.0	1.3	21.7	7.1	0.0	6.1	13.5	17.0	0.0	0.1
Expired	0.0	0.0	1.2	0.2	0.0	0.2	1.1	2.5	0.0	0.0
<b>Gender Distribution</b>										
Female	100.0	52.4	63.4	65.8	100.0	65.4	54.7	55.6	41.9	100.0
Male	0.0	47.6	36.6	34.2	0.0	34.6	45.3	44.4	58.1	0.0
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	0.4	28.7	81.8	40.7	0.4	63.7	48.3	65.6	0.0	8.6
Medicaid	57.1	35.0	2.2	15.8	54.3	2.9	21.1	11.8	59.8	10.3
Other Government	2.0	1.4	0.2	1.1	1.7	1.0	1.0	0.7	1.3	2.5
Commercial Insurance	33.1	18.8	12.8	30.6	38.1	28.8	21.7	15.3	28.9	69.3
Self-Pay	5.2	9.0	1.3	9.7	3.5	0.8	6.2	4.8	7.7	6.3
Other/Unknown	2.3	7.1	1.7	2.1	2.0	2.8	1.7	1.8	2.3	2.9

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

VA Hospitals not included

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR FEMALES FOR  
THE STATE OF ARKANSAS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	21,066	37,564	1.8
766	CESAREAN SECTION W/O CC/MCC	9,795	25,356	2.6
885	PSYCHOSES	9,173	100,130	10.9
945	REHABILITATION W CC/MCC	7,528	92,989	12.4
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	6,670	21,245	3.2
743	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	5,774	12,201	2.1
470	MAJ JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	5,611	20,742	3.7
690	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	4,083	14,994	3.7
765	CESAREAN SECTION W CC/MCC	4,006	14,486	3.6
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	3,976	14,594	3.7

**AGE AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGs**

*Refer To MS- DRG # Above*

	775	766	885	945	392	743	470	690	765	195
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.3	0	9.4	0.0	9.3	0.3	0.0	8.6	0.2	20.8
15 - 44 years	99.6	99.8	51.9	2.8	24.0	62.3	2.7	19.2	99.6	12.1
45 - 64 years	0.0	0.1	26.2	14.3	29.5	32.2	34.8	13.9	0.1	20.3
65 - 84 years	0.0	0.0	10.8	58.0	28.8	5.1	55.5	34.8	0.0	31.0
85 years and above	0.0	0.0	1.8	24.9	8.5	0.1	7.1	23.5	0.0	15.8
Expired	0.0	0.0	0.1	1.1	0.1	0.0	0.1	0.9	0.1	1.2
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	0.4	0.4	29.9	84.7	43.9	8.6	66.6	61.5	0.9	51.4
Medicaid	57.1	54.3	33.9	1.9	15.1	10.3	3.3	13.1	54.6	19.6
Other Government	2.0	1.7	1.7	0.2	1.1	2.5	1.0	0.6	0.9	0.8
Commercial Insurance	33.1	38.1	20.7	11.1	29.8	69.3	26.0	17.0	38.5	20.6
Self-Pay	5.2	3.5	7.9	0.8	8.1	6.3	0.7	6.6	3.3	5.9
Other/Unknown	2.3	2.0	5.9	1.3	2.1	2.9	2.4	1.2	1.7	1.7

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

VA Hospitals not included

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR MALES FOR  
THE STATE OF ARKANSAS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
885	PSYCHOSES	8,331	124,331	14.9
945	REHABILITATION W CC/MCC	4,354	55,430	12.7
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	3,463	9,511	2.7
794	NEONATE W OTHER SIGNIFICANT PROBLEMS	3,424	8,221	2.4
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	3,295	10,884	3.3
194	SIMPLE PNEUMONIA & PLEURISY W CC	2,974	13,814	4.6
470	MAJ JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	2,973	10,270	3.5
287	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	2,717	6,983	2.6
247	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC	2,706	5,397	2.0
249	PERC CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MCC	2,524	5,043	2.0

**AGE AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGs**

*Refer To MS-DRG # Above*

	885	945	392	794	195	194	470	287	247	249
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	17.3	0	18.1	100.0	31.8	13.0	0.0	0.1	0.0	0.0
15 - 44 years	55.8	7.0	25.9	0.0	10.6	8.2	4.8	14.1	6.5	6.3
45 - 64 years	21.2	20.7	29.3	0.0	17.0	21.8	40.4	49.7	49.6	46.0
65 - 84 years	5.0	56.0	22.1	0.0	29.9	44.2	50.5	33.6	41.3	44.7
85 years and above	0.8	16.3	4.6	0.0	10.8	12.8	4.3	2.5	2.7	3.1
Expired	0.0	1.5	0.2	0.0	0.9	2.7	0.3	0.1	0.0	0.2
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	27.5	76.7	34.6	0.0	44.5	61.2	58.2	45.8	50.3	53.2
Medicaid	36.3	2.8	17.3	61.1	23.0	13.0	2.3	4.7	2.4	3.1
Other Government	1.0	0.1	1.0	1.1	1.2	0.8	1.0	1.6	1.3	0.8
Commercial Insurance	16.6	15.7	32.1	28.2	23.0	17.2	34.0	33.5	36.4	30.8
Self-Pay	10.2	2.2	12.8	7.4	6.5	5.8	0.9	11.2	6.5	8.5
Other/Unknown	8.4	2.5	2.3	2.2	1.7	1.9	3.7	3.2	3.3	3.6

NOTE: MS- DRG 795 (Normal Newborns) have been excluded

VA Hospitals not included

SOURCE: CY07 Arkansas Hospital Discharge Data System

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**PEER GROUPS**

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## **HOSPITAL DISCHARGE DATA PEER GROUPS**

To make the hospital-specific reports more useful, there are peer group reports. For comparison purposes, seven peer groups are identified. These seven groups have been developed in response to feedback from hospitals across the state. The peer group reports include four general medical surgical (GMS) hospital groups, a long-term acute care hospital group, psychiatric hospital group and rehabilitation hospital group. Lists of the hospitals included in each peer group are included before each set of peer group reports.

The GMS hospitals are divided into four groups on the basis of number of discharges reported and type of service. Long-term acute care facilities are reported as a separate group because the unusually long lengths of stay and higher resulting charges for this type of service were thought to unduly influence the summary statistics of the GMS hospitals.

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**PEER GROUP 1** (Discharges totaling Greater than 10,000)

- Baptist Health Medical Center Pulaski County, Little Rock
- Baptist Health Medical Center Pulaski County, North Little Rock
- Baxter Regional Medical Center Baxter County, Mountain Home
- Jefferson Regional Medical Center Jefferson County, Pine Bluff
- Sparks Regional Medical Center Sebastian County, Fort Smith
- St. Bernard's Medical Center Craighead County, Jonesboro
- St. Edward Mercy Medical Center Sebastian County, Fort Smith
- St. Joseph's Mercy Health Center, Inc. Garland County, Hot Springs
- St. Vincent Infirmiry Medical Center Pulaski County, Little Rock
- UAMS Medical Center Pulaski County, Little Rock
- Washington Regional Medical Center Washington County, Fayetteville
- White Co. Medical Center White County, Searcy

**HOSPITAL DISCHARGE DATA  
FOR PEER GROUP 1 GMS HOSPITALS**

**Overall Utilization**

Total Discharges	210,625	Average Length of Stay	4.9
Total Patient Days	1,022,908	Average Charge per Discharge	\$ 21,027.35
Average Census per Day	2,802.5	Average Charge per Day	\$ 4,329.70

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female (124,424)				
Under 15 years	11,697	5.6	3.9	1.7
15 – 44 years	40,331	19.1	12.5	1.7
45 – 64 years	28,073	13.3	13.8	15.7
65 years and above	44,323	21.0	26.4	23.6
Male (86,173)				
Under 15 years	12,610	6.0	4.3	2.1
15 – 44 years	14,876	7.1	6.8	7.6
45 – 64 years	26,196	12.4	13.4	17.1
65 years and above	32,491	15.4	18.8	20.5

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	198,412	94.2	955,368	93.4
Non-Resident	12,212	5.8	67,538	6.6
Unknown	1	0.0	2	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	74.6
Other GMS Hospital	1.1
Skilled Nursing Facility	5.6
Intermediate Care Facility	0.8
Other Institution	0.8
Home Health	8.1
Left Against Medical Advice	0.6
Home IV Provider	0.0
Expired	2.5
Other	5.9

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	43.0
Medicaid	18.2
Other Government	1.1
Commercial Insurance	26.6
Self-Pay	7.9
Other/Unknown	3.1

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	32.7
Urgent	16.9
Elective	41.1
Newborn	9.3
Information Not Available	0.0

**Obstetrical Utilization**

Normal Deliveries	12,563	% of Deliveries	64.2
Cesarean Deliveries	6,997	% of Deliveries	35.8
Total Deliveries	19,560		
Total Births	19,804		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
PEER GROUP 1 GMS HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	10,757	20,246	1.9
885	PSYCHOSES	6,537	42,837	6.6
766	CESAREAN SECTION W/O CC/MCC	4,851	13,270	2.7
470	MAJ JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	4,635	17,111	3.7
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	4,277	14,037	3.3
945	REHABILITATION W CC/MCC	3,578	46,322	12.9
743	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	3,446	7,142	2.1
287	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	3,049	8,136	2.7
247	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC	3,033	6,343	2.1
313	CHEST PAIN	2,540	4,627	1.8

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGs**

*Refer To MS-DRG # Above*

	775	885	766	470	392	945	743	287	247	313
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.3	1	0.1	0.0	8.1	0.0	0.1	0.0	0.0	0.1
15 - 44 years	99.7	54.2	99.8	4.2	25.9	2.6	59.4	12.5	6.2	21.7
45 - 64 years	0.1	31.8	0.1	36.6	33.0	16.0	34.7	48.6	46.9	48.8
65 - 84 years	0.0	11.1	0.0	52.8	26.5	59.6	5.8	36.3	44.5	24.8
85 years and above	0.0	1.7	0.0	6.5	6.4	21.9	0.1	2.6	2.5	4.6
Expired	0.0	0.0	0.0	0.2	0.2	1.1	0.0	0.1	0.1	0.1
<b>Gender Distribution</b>										
Female	100.0	56.8	100.0	64.6	67.0	64.3	100.0	50.3	37.5	57.1
Male	0.0	43.2	0.0	35.4	33.0	35.7	0.0	49.7	62.5	42.9
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	0.4	35.2	0.5	64.0	40.3	85.6	8.9	48.0	53.4	40.0
Medicaid	52.9	31.0	47.4	3.2	14.6	0.9	7.9	6.4	3.5	12.8
Other Government	2.5	0.8	2.0	1.3	0.9	0.2	1.9	1.1	1.1	1.0
Commercial Insurance	35.6	13.2	43.0	26.6	30.6	10.1	70.3	31.5	31.1	24.8
Self-Pay	5.5	8.4	4.0	0.9	10.6	1.5	7.3	9.8	6.6	18.0
Other/Unknown	3.2	11.3	3.1	4.0	3.1	1.6	3.8	3.4	4.3	3.4

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System



**HOSPITAL DISCHARGE DATA  
FOR PEER GROUP 2 GMS HOSPITALS**

**Overall Utilization**

Total Discharges	97,811	Average Length of Stay	4.1
Total Patient Days	397,252	Average Charge per Discharge	\$ 18,067.18
Average Census per Day	1,088.4	Average Charge per Day	\$ 4,448.48

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female ( 60,899)				
Under 15 years	7,934	8.1	4.5	1.6
15 – 44 years	20,805	21.3	12.5	1.6
45 – 64 years	10,278	10.5	11.5	13.9
65 years and above	21,882	22.4	32.0	28.7
Male ( 36,909)				
Under 15 years	8,628	8.8	5.1	2.2
15 – 44 years	4,819	4.9	4.4	5.2
45 – 64 years	9,180	9.4	10.4	14.3
65 years and above	14,282	14.6	19.7	21.8

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	95,103	97.2	385,445	97.0
Non-Resident	2,707	2.8	11,804	3.0
Unknown	1	0.0	3	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	74.4
Other GMS Hospital	2.5
Skilled Nursing Facility	6.5
Intermediate Care Facility	1.8
Other Institution	0.4
Home Health	6.8
Left Against Medical Advice	0.6
Home IV Provider	0.0
Expired	2.3
Other	4.9

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	41.8
Medicaid	22.3
Other Government	0.8
Commercial Insurance	26.7
Self-Pay	7.0
Other/Unknown	1.4

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	31.3
Urgent	28.6
Elective	26.3
Newborn	13.1
Information Not Available	0.6

**Obstetrical Utilization**

Normal Deliveries	8,681	% of Deliveries	66.2
Cesarean Deliveries	4,442	% of Deliveries	33.8
Total Deliveries	13,123		
Total Births	12,524		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
PEER GROUP 2 GMS HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	6,904	11,319	1.6
766	CESAREAN SECTION W/O CC/MCC	3,209	7,661	2.4
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	2,448	7,389	3.0
794	NEONATE W OTHER SIGNIFICANT PROBLEMS	2,247	4,834	2.2
945	REHABILITATION W CC/MCC	1,938	25,065	12.9
470	MAJ JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	1,915	7,695	4.0
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	1,833	6,491	3.5
313	CHEST PAIN	1,697	3,234	1.9
194	SIMPLE PNEUMONIA & PLEURISY W CC	1,694	8,253	4.9
743	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	1,605	3,517	2.2

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGS**

*Refer To MS-DRG # Above*

	775	766	392	794	945	470	195	313	194	743
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.3	0	11.1	100.0	0.0	0.0	25.5	0.0	10.0	0.1
15 - 44 years	99.7	99.8	25.3	0.0	2.0	2.2	11.8	18.2	7.3	65.2
45 - 64 years	0.0	0.0	30.1	0.0	13.7	32.7	17.9	48.3	22.0	29.8
65 - 84 years	0.0	0.0	26.6	0.0	60.3	57.0	30.6	27.9	45.7	4.9
85 years and above	0.0	0.0	6.9	0.0	24.0	8.1	14.2	5.5	15.0	0.1
Expired	0.0	0.0	0.2	0.0	1.7	0.2	1.3	0.2	2.7	0.0
<b>Gender Distribution</b>										
Female	100.0	100.0	65.4	39.1	67.0	68.8	55.0	57.1	55.3	100.0
Male	0.0	0.0	34.6	60.9	33.0	31.2	45.0	42.9	44.7	0.0
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	0.3	0.4	41.5	0.0	88.5	68.6	48.9	43.2	66.1	8.3
Medicaid	55.3	53.6	15.0	59.5	0.8	4.2	20.7	9.4	11.4	10.5
Other Government	1.0	1.2	0.7	0.8	0.4	0.8	0.9	0.9	0.6	1.7
Commercial Insurance	37.0	40.8	32.0	31.1	7.7	24.6	22.5	31.8	16.2	73.5
Self-Pay	4.7	2.8	9.4	7.3	1.8	0.6	6.1	12.7	4.9	4.2
Other/Unknown	1.7	1.3	1.4	1.3	0.8	1.2	0.9	2.1	0.8	1.9

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

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**PEER GROUP 3** (Discharges totaling 4,999 to 1,000)

- Ashley Co. Medical Center Ashley County, Crossett
- Arkansas Surgical Hospital Pulaski County, North Little Rock
- Baptist Health Medical Center Clark County, Arkadelphia
- Bradley Co. Medical Center Bradley County, Warren
- Chicot Memorial Hospital Chicot County, Lake Village
- Drew Memorial Hospital Drew County, Monticello
- Forrest City Medical Center St. Francis County, Forrest City
- Great River Medical Center Mississippi County, Blytheville
- Harris Hospital Jackson County, Newport
- Healthpark Hospital Ouachita County, Hot Springs
- Helena Regional Medical Center Phillips County, Helena
- Hot Spring Co. Medical Center Hot Spring County, Malvern
- John Ed Chambers Memorial Hospital, Inc. Yell County, Danville
- Johnson Regional Medical Center Johnson County, Clarksville
- Magnolia Hospital Columbia County, Magnolia
- Medical Park Hospital Hempstead County, Hope
- Mena Medical Center Polk County, Mena
- North Metro Medical Center, Inc. Pulaski County, Jacksonville
- Ouachita Co. Medical Center Ouachita County, Camden
- St. Anthony's Healthcare Center Conway County, Morrilton
- St. John's Hospital Carroll County, Berryville
- St. Vincent Medical Center/North Pulaski County, Sherwood
- SMC Regional Medical Center Mississippi County, Osceola
- Siloam Springs Memorial Hospital Benton County, Siloam Springs
- Southwest Regional Medical Center Pulaski County, Little Rock
- Stone Co. Medical Center Stone County, Mountain View
- Stuttgart Regional Medical Center Arkansas County, Stuttgart
- Summit Medical Center Crawford County, Van Buren

**HOSPITAL DISCHARGE DATA  
FOR PEER GROUP 3 GMS HOSPITALS**

**Overall Utilization**

Total Discharges	62,644	Average Length of Stay	3.6
Total Patient Days	226,401	Average Charge per Discharge	\$ 11,930.25
Average Census per Day	620.3	Average Charge per Day	\$ 3,301.04

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female ( 39,680)				
Under 15 years	4,439	7.1	3.8	1.6
15 – 44 years	12,200	19.5	13.1	1.6
45 – 64 years	7,166	11.4	11.5	14.6
65 years and above	15,875	25.3	35.0	31.7
Male ( 22,962)				
Under 15 years	4,840	7.7	4.2	1.9
15 – 44 years	3,424	5.5	4.6	5.6
45 – 64 years	5,620	9.0	8.8	11.5
65 years and above	9,078	14.5	19.0	18.2

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	60,254	96.2	218,844	96.7
Non-Resident	2,389	3.8	7,556	3.3
Unknown	1	0.0	1	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	68.2
Other GMS Hospital	5.4
Skilled Nursing Facility	6.5
Intermediate Care Facility	2.5
Other Institution	0.6
Home Health	7.4
Left Against Medical Advice	0.7
Home IV Provider	0.0
Expired	2.2
Other	6.5

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	44.7
Medicaid	26.0
Other Government	1.4
Commercial Insurance	18.9
Self-Pay	6.9
Other/Unknown	2.1

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	29.6
Urgent	29.7
Elective	30.9
Newborn	9.7
Information Not Available	0.0

**Obstetrical Utilization**

Normal Deliveries	4,302	% of Deliveries	64.2
Cesarean Deliveries	2,400	% of Deliveries	35.8
Total Deliveries	6,702		
Total Births	6,727		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
PEER GROUP 3 GMS HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	3,354	5,878	1.8
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	1,942	5,161	2.7
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	1,897	6,281	3.3
470	MAJ JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	1,827	5,630	3.1
766	CESAREAN SECTION W/O CC/MCC	1,710	4,353	2.5
194	SIMPLE PNEUMONIA & PLEURISY W CC	1,630	7,396	4.5
641	NUTRITIONAL & MISC METABOLIC DISORDERS W/O MCC	1,407	4,413	3.1
192	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	1,285	4,364	3.4
690	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	1,226	4,488	3.7
293	HEART FAILURE & SHOCK W/O CC/MCC	1,075	3,311	3.1

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGS**

*Refer To MS-DRG # Above*

	775	392	195	470	766	194	641	192	690	293
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.6	11	26.1	0.0	0.4	8.7	11.2	0.2	5.5	0.0
15 - 44 years	99.4	26.5	11.2	3.0	99.5	7.4	10.2	5.9	16.8	5.7
45 - 64 years	0.0	27.6	18.7	41.9	0.2	20.6	23.1	38.6	15.3	23.6
65 - 84 years	0.0	27.7	31.0	51.9	0.0	44.2	38.1	49.8	37.3	48.0
85 years and above	0.0	7.6	13.0	3.2	0.0	19.1	17.4	5.5	25.0	22.7
Expired	0.0	0.3	0.9	0.1	0.0	2.6	1.6	0.4	0.6	2.1
<b>Gender Distribution</b>										
Female	100.0	66.2	55.9	62.9	100.0	59.0	62.6	60.4	79.0	57.9
Male	0.0	33.8	44.1	37.1	0.0	41.0	37.4	39.6	21.0	42.1
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	0.4	41.2	48.8	57.3	0.4	67.7	62.4	67.9	65.3	76.6
Medicaid	73.6	17.0	23.2	1.3	74.5	12.1	14.1	10.8	11.8	8.2
Other Government	2.3	2.0	1.0	0.6	1.8	0.9	1.4	0.9	0.4	0.4
Commercial Insurance	17.8	28.1	19.8	39.1	19.7	13.3	15.6	13.4	15.1	6.8
Self-Pay	5.0	10.2	5.9	0.4	3.2	3.6	4.7	4.8	5.3	5.7
Other/Unknown	0.8	1.4	1.3	1.3	0.4	2.5	1.8	2.1	2.1	2.4

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

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**PEER GROUP 4** (Discharges totaling Less than 999)

- AR. Dept. of Correction-Diag Unit Inpt Care Facility      Jefferson County, Pine Bluff
- Baptist Health Medical Center- Heber Springs      Cleburne County, Heber Springs
- Booneville Community Hospital      Logan County, Booneville
- Community Medical Center of IZard Co.      IZard County, Calico Rock
- CrossRidge Community Hospital      Cross County, Wynne
- Dallas Co. Medical Center      Dallas County, Fordyce
- Dardanelle Hospital      Yell County, Dardanelle
- Delta Memorial Hospital Association      Desha County, Dumas
- De Queen Regional Medical Center      Sevier County, De Queen
- De Witt Hospital and Nursing Home, Inc.      Arkansas County, De Witt
- Eureka Springs Hospital      Carroll County, Eureka Springs
- Five Rivers Medical Center      Randolph County, Pocahontas
- Fulton Co. Hospital      Fulton County, Salem
- Howard Memorial Hospital      Howard County, Nashville
- Lawrence Memorial Hospital      Lawrence County, Walnut Ridge
- Little River Memorial Hospital      Little River County, Ashdown
- McGehee-Desha Co. Hospital      Desha County, McGehee
- Mercy Hospital of Scott Co.      Scott County, Waldron
- Mercy Hospital Turner Memorial      Franklin County, Ozark
- North Logan Mercy Hospital      Logan County, Paris
- Ozark Health      Van Buren County, Clinton
- Piggott Community Hospital      Clay County, Piggott
- Pike Co. Memorial Hospital      Pike County, Murfreesboro
- The Surgical Hospital of Jonesboro      Craighead County, Jonesboro

**HOSPITAL DISCHARGE DATA  
FOR PEER GROUP 4 GMS HOSPITALS**

**Overall Utilization**

Total Discharges	15,499	Average Length of Stay	4.3
Total Patient Days	66,617	Average Charge per Discharge	\$ 7,494.39
Average Census per Day	182.5	Average Charge per Day	\$ 1,743.63

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female ( 9,409)				
Under 15 years	235	1.5	0.8	0.7
15 – 44 years	979	6.3	4.1	0.7
45 – 64 years	1,745	11.3	8.4	12.8
65 years and above	6,450	41.6	46.0	43.0
Male ( 6,090)				
Under 15 years	248	1.6	0.8	0.7
15 – 44 years	805	5.2	5.5	3.7
45 – 64 years	1,476	9.5	8.7	9.8
65 years and above	3,561	23.0	25.6	23.4

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	14,872	96.0	63,585	95.4
Non-Resident	626	4.0	3,031	4.5
Unknown	1	0.0	1	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	55.3
Other GMS Hospital	6.7
Skilled Nursing Facility	10.4
Intermediate Care Facility	3.7
Other Institution	0.9
Home Health	7.2
Left Against Medical Advice	0.6
Home IV Provider	0.0
Expired	3.4
Other	11.9

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	68.6
Medicaid	8.0
Other Government	2.7
Commercial Insurance	13.7
Self-Pay	5.0
Other/Unknown	2.0

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	28.3
Urgent	32.9
Elective	37.7
Newborn	0.7
Information Not Available	0.4

**Obstetrical Utilization**

Normal Deliveries	61	% of Deliveries	55.0
Cesarean Deliveries	50	% of Deliveries	45.0
Total Deliveries	111		
Total Births	108		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN DRGS FOR  
PEER GROUP 4 GMS HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	961	3,882	4.0
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	782	2,248	2.9
194	SIMPLE PNEUMONIA & PLEURISY W CC	684	3,325	4.9
641	NUTRITIONAL & MISC METABOLIC DISORDERS W/O MCC	602	2,069	3.4
690	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	579	2,239	3.9
192	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	525	1,973	3.8
945	REHABILITATION W CC/MCC	476	4,513	9.5
293	HEART FAILURE & SHOCK W/O CC/MCC	432	1,469	3.4
603	CELLULITIS W/O MCC	389	1,553	4.0
313	CHEST PAIN	299	540	1.8

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGs**

Refer To MS-DRG # Above

	195	392	194	641	690	192	945	293	603	313
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	10.6	3	0.9	2.8	2.4	0.2	0.0	0.0	5.4	0.0
15 - 44 years	9.5	18.2	6.1	7.1	10.9	1.3	1.3	2.5	29.3	14.0
45 - 64 years	19.6	26.1	16.8	18.1	11.1	28.2	5.0	15.7	28.0	31.4
65 - 84 years	38.4	38.2	49.7	45.8	45.3	56.8	56.1	50.9	26.2	42.1
85 years and above	22.0	14.6	26.5	26.1	30.4	13.5	37.6	30.8	11.1	12.4
Expired	2.1	0.0	4.5	1.5	2.2	1.0	5.3	3.5	0.3	0.0
<b>Gender Distribution</b>										
Female	57.5	70.7	55.6	69.4	75.3	51.4	66.4	55.6	51.2	59.9
Male	42.5	29.3	44.4	30.6	24.7	48.6	33.6	44.4	48.8	40.1
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	66.5	60.5	79.5	74.8	76.3	77.0	90.3	84.0	45.2	64.5
Medicaid	12.8	7.0	5.7	5.8	8.1	5.1	0.4	2.8	13.1	7.7
Other Government	1.8	1.4	0.1	1.5	1.0	1.0	0.0	0.7	6.2	0.3
Commercial Insurance	13.8	20.2	9.1	14.0	9.3	11.8	5.7	7.6	20.1	15.4
Self-Pay	3.9	9.0	4.5	3.3	4.8	3.2	0.0	3.5	13.6	10.0
Other/Unknown	1.2	1.9	1.0	0.7	0.3	1.9	3.6	1.4	1.8	2.0

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

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**PSYCHIATRIC FACILITIES**

- Arkansas State Hospital Pulaski County, Little Rock
- BHC Pinnacle Pointe Hospital Pulaski County, Little Rock
- The Bridgeway Pulaski County, North Little Rock
- Living Hope SW Med. Services Miller County, Texarkana
- Living Hope Little Rock Pulaski County, Little Rock
- Levi Hospital Garland County, Hot Springs
- Rivendell Behavioral Health Services of AR Saline County, Benton
- United Methodist Behavioral Hospital Pulaski County, Maumelle
- Vista Health Washington County, Fayetteville
- Vista Health Fort Smith Sebastian County, Fort Smith

**HOSPITAL DISCHARGE DATA  
FOR ALL PSYCHIATRIC HOSPITALS**

**Overall Utilization**

Total Discharges	13,553	Average Length of Stay	16.2
Total Patient Days	220,123	Average Charge per Discharge	\$ 14,938.68
Average Census per Day	603.1	Average Charge per Day	\$ 919.50

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female ( 6,190)				
Under 15 years	1,293	9.5	10.8	11.7
15 – 44 years	3,756	27.7	21.8	11.7
45 – 64 years	1,069	7.9	7.0	7.1
65 years and above	72	0.5	0.4	0.5
Male ( 7,363)				
Under 15 years	2,218	16.4	19.3	20.9
15 – 44 years	4,019	29.7	30.8	28.1
45 – 64 years	1,059	7.8	9.5	8.4
65 years and above	67	0.5	0.4	0.5

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	12,920	95.3	213,113	96.8
Non-Resident	627	4.6	6,957	3.2
Unknown	6	0.0	53	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	83.6
Other GMS Hospital	1.2
Skilled Nursing Facility	0.4
Intermediate Care Facility	2.7
Other Institution	9.5
Home Health	0.0
Left Against Medical Advice	1.6
Home IV Provider	0.2
Expired	0.0
Other	0.7

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	15.9
Medicaid	41.0
Other Government	2.3
Commercial Insurance	26.4
Self-Pay	9.2
Other/Unknown	5.2

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	69.7
Urgent	25.9
Elective	4.2
Newborn	0.0
Information Not Available	0.1

**Obstetrical Utilization**

Normal Deliveries	2	% of Deliveries	100.0
Cesarean Deliveries	0	% of Deliveries	0.0
Total Deliveries	2		
Total Births	0		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
ALL PSYCHIATRIC HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
885	PSYCHOSES	9,258	166,574	18.0
881	DEPRESSIVE NEUROSES	1,464	18,423	12.6
897	ALCOHOL/DRUG ABUSE/DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	1,110	9,878	8.9
886	BEHAVIORAL & DEVELOPMENTAL DISORDERS	666	15,782	23.7
882	NEUROSES EXCEPT DEPRESSIVE	324	4,955	15.3
883	DISORDERS OF PERSONALITY & IMPULSE CONTROL	123	2,798	22.7
880	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION	80	662	8.3
951	OTHER FACTORS INFLUENCING HEALTH STATUS	80	3,417	42.7
884	ORGANIC DISTURBANCES & MENTAL RETARDATION	68	596	8.8
894	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA	34	108	3.2

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGS**

*Refer To MS-DRG # Above*

	885	881	897	886	882	883	880	951	884	894
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	23.7	34	0.7	69.7	29.9	60.2	18.8	46.3	4.4	0.0
15 - 44 years	59.1	55.9	62.3	29.9	60.2	39.0	61.3	52.5	63.2	58.8
45 - 64 years	16.2	9.9	33.3	0.5	9.6	0.8	17.5	1.3	26.5	38.2
65 - 84 years	0.9	0.2	3.5	0.0	0.3	0.0	2.5	0.0	5.9	2.9
85 years and above	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Expired	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Gender Distribution</b>										
Female	47.5	47.7	36.4	28.7	55.2	35.8	61.3	41.3	27.9	35.3
Male	52.5	52.3	63.6	71.3	44.8	64.2	38.8	58.8	72.1	64.7
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	17.9	6.4	26.0	2.1	8.3	5.7	13.8	1.3	29.4	35.3
Medicaid	41.0	48.7	3.4	82.6	40.4	68.3	32.5	76.3	22.1	8.8
Other Government	1.9	3.6	3.4	2.9	2.2	0.8	1.3	3.8	4.4	2.9
Commercial Insurance	24.3	27.5	53.9	8.4	39.2	17.9	37.5	15.0	35.3	26.5
Self-Pay	9.7	8.1	6.8	1.7	7.4	6.5	8.8	3.8	7.4	20.6
Other/Unknown	5.2	5.7	6.4	2.4	2.5	0.8	6.3	0.0	1.5	5.9

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

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***REHABILITATION FACILITIES***

- Baptist Health - Rehabilitation Pulaski County, Little Rock
- Conway Regional Rehabilitation Hospital Faulkner County, Conway
- Healthsouth Rehabilitation Hospital of Fort Smith Sebastian County, Fort Smith
- Hot Springs Rehabilitation Center Garland County, Hot Springs
- Healthsouth Rehabilitation Hospital of Jonesboro Craighead County, Jonesboro
- Healthsouth Rehabilitation Hospital Washington County, Fayetteville
- Southeast Rehabilitation Hospital Chicot County, Lake Village
- St. Vincent Rehabilitation Hospital Pulaski County, Sherwood

**HOSPITAL DISCHARGE DATA  
FOR ALL REHABILITATION HOSPITALS**

**Overall Utilization**

Total Discharges	6,593	Average Length of Stay	12.2
Total Patient Days	80,701	Average Charge per Discharge	\$ 20,727.39
Average Census per Day	221.1	Average Charge per Day	\$ 1,693.36

**Age and Gender Distribution**

	<i>Discharges</i>	<i>% Discharges</i>	<i>% Days</i>	<i>% Charges</i>
Female ( 4,093)				
Under 15 years	0	0.0	0.0	0.0
15 – 44 years	165	2.5	2.8	0.0
45 – 64 years	712	10.8	10.4	10.5
65 years and above	3,216	48.8	47.6	46.1
Male ( 2,500)				
Under 15 years	3	0.0	0.0	0.0
15 – 44 years	273	4.1	4.9	5.2
45 – 64 years	618	9.4	9.6	10.1
65 years and above	1,606	24.4	24.7	25.1

**Resident / Non-Resident Utilization**

	<i>Discharges</i>	<i>% Discharges</i>	<i>% Days</i>	<i>% Charges</i>
Arkansas Resident	6,116	92.8	75,005	92.9
Non-Resident	476	7.2	5,683	7.0
Unknown	1	0.0	13	0.0

**Patient Discharge Status Distribution**

<i>Discharge Status</i>	<i>% Discharges</i>
Home or Self Care	31.0
Other GMS Hospital	9.1
Skilled Nursing Facility	13.8
Intermediate Care Facility	0.1
Other Institution	0.2
Home Health	44.2
Left Against Medical Advice	0.4
Home IV Provider	0.0
Expired	0.2
Other	1.2

**Expected Pay Source Distribution**

<i>Expected Primary Payer</i>	<i>% Discharges</i>
Medicare	74.1
Medicaid	4.3
Other Government	0.1
Commercial Insurance	18.2
Self-Pay	1.2
Other/Unknown	2.0

**Type of Admission Distribution**

<i>Admission Type</i>	<i>% Discharges</i>
Emergency	0.0
Urgent	3.9
Elective	96.1
Newborn	0.0
Information Not Available	0.0

**Obstetrical Utilization**

Normal Deliveries	0	% of Deliveries	0.0
Cesarean Deliveries	0	% of Deliveries	0.0
Total Deliveries	0		
Total Births	0		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
ALL REHABILITATION HOSPITALS**

**PATIENT STATISTICS BY TOP TEN DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
945	REHABILITATION W CC/MCC	4,844	62,328	12.9
946	REHABILITATION W/O CC/MCC	1,539	15,666	10.2
057	DEGENERATIVE NERVOUS SYSTEM DISORDERS W/O MCC	20	300	15.0
065	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W CC	19	293	15.4
066	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W/O CC/MCC	17	233	13.7
074	CRANIAL & PERIPHERAL NERVE DISORDERS W/O MCC	17	217	12.8
552	MEDICAL BACK PROBLEMS W/O MCC	14	183	13.1
093	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC/MCC	10	94	9.4
554	BONE DISEASES & ARTHROPATHIES W/O MCC	9	97	10.8
293	HEART FAILURE & SHOCK W/O CC/MCC	8	89	11.1

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGs**

*Refer To MS-DRG # Above*

	945	946	057	065	066	074	552	093	554	293
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.0	0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15 - 44 years	7.3	4.9	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
45 - 64 years	20.9	18.4	30.0	5.3	17.6	23.5	0.0	20.0	0.0	0.0
65 - 84 years	54.3	58.3	55.0	68.4	70.6	52.9	71.4	60.0	100.0	62.5
85 years and above	17.5	18.5	10.0	21.1	11.8	23.5	28.6	20.0	0.0	37.5
Expired	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Gender Distribution</b>										
Female	60.8	66.3	45.0	57.9	58.8	58.8	57.1	50.0	77.8	87.5
Male	39.2	33.7	55.0	42.1	41.2	41.2	42.9	50.0	22.2	12.5
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	73.1	75.7	85.0	94.7	82.4	94.1	100.0	100.0	88.9	87.5
Medicaid	4.4	4.0	10.0	5.3	11.8	5.9	0.0	0.0	0.0	0.0
Other Government	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial Insurance	18.9	17.7	5.0	0.0	0.0	0.0	0.0	0.0	11.1	12.5
Self-Pay	1.3	1.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0
Other/Unknown	2.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System



**HOSPITAL DISCHARGE DATA  
FOR LONG TERM ACUTE CARE HOSPITALS**

**Overall Utilization**

Total Discharges	2,328	Average Length of Stay	26.1
Total Patient Days	60,782	Average Charge per Discharge	\$ 88,937.39
Average Census per Day	166.5	Average Charge per Day	\$ 3,406.37

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female ( 1,203)				
Under 15 years	0	0.0	0.0	0.0
15 – 44 years	67	2.9	2.8	0.0
45 – 64 years	260	11.2	10.7	11.0
65 years and above	876	37.6	38.7	37.8
Male ( 1,125)				
Under 15 years	0	0.0	0.0	0.0
15 – 44 years	101	4.3	4.7	4.5
45 – 64 years	320	13.7	14.2	14.6
65 years and above	704	30.2	28.8	29.5

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	2,009	86.3	52,318	86.1
Non-Resident	319	13.7	8,464	13.9
Unknown	0	0.0	0	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	15.7
Other GMS Hospital	9.2
Skilled Nursing Facility	14.5
Intermediate Care Facility	6.1
Other Institution	0.4
Home Health	21.3
Left Against Medical Advice	0.9
Home IV Provider	0.0
Expired	15.1
Other	16.8

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	84.7
Medicaid	0.5
Other Government	0.0
Commercial Insurance	12.2
Self-Pay	1.0
Other/Unknown	1.6

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	0.1
Urgent	69.1
Elective	30.3
Newborn	0.0
Information Not Available	0.5

**Obstetrical Utilization**

Normal Deliveries	0	% of Deliveries	0.0
Cesarean Deliveries	0	% of Deliveries	0.0
Total Deliveries	0		
Total Births	0		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
LONG-TERM ACUTE CARE HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
207	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT 96+ HOURS	180	5,921	32.9
189	PULMONARY EDEMA & RESPIRATORY FAILURE	149	3,125	21.0
593	SKIN ULCERS W CC	88	2,495	28.4
592	SKIN ULCERS W MCC	84	2,172	25.9
871	SEPTICEMIA W/O MV 96+ HOURS W MCC	68	1,481	21.8
949	AFTERCARE W CC/MCC	68	1,252	18.4
177	RESPIRATORY INFECTIONS & INFLAMMATIONS W MCC	65	1,402	21.6
208	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT <96 HOURS	54	931	17.2
004	TRACH W MV 96+HRS OR PDX EXE FACE,MTH,FACE&NECK DX W/O MAJ OR	45	1,921	42.7
682	RENAL FAILURE W MCC	41	815	19.9

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGS**

*Refer To MS-DRG # Above*

	207	189	593	592	871	949	177	208	004	682
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15 - 44 years	6.1	4.0	14.8	6.0	2.9	7.4	4.6	1.9	4.4	2.4
45 - 64 years	28.3	25.5	26.1	32.1	30.9	19.1	12.3	38.9	28.9	17.1
65 - 84 years	57.2	63.1	42.0	41.7	52.9	60.3	52.3	51.9	60.0	73.2
85 years and above	8.3	7.4	17.0	20.2	13.2	13.2	30.8	7.4	6.7	7.3
Expired	40.0	18.8	2.3	22.6	25.0	10.3	15.4	20.4	40.0	19.5
<b>Gender Distribution</b>										
Female	53.9	57.0	59.1	58.3	50.0	55.9	43.1	50.0	42.2	48.8
Male	46.1	43.0	40.9	41.7	50.0	44.1	56.9	50.0	57.8	51.2
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	82.2	88.6	87.5	82.1	88.2	76.5	90.8	77.8	82.2	85.4
Medicaid	0.0	0.7	1.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
Other Government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial Insurance	15.0	9.4	6.8	11.9	11.8	16.2	6.2	18.5	13.3	14.6
Self-Pay	2.8	0.0	0.0	2.4	0.0	1.5	0.0	3.7	2.2	0.0
Other/Unknown	0.0	1.3	4.5	1.2	0.0	5.9	3.1	0.0	2.2	0.0

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

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**CRITICAL ACCESS HOSPITALS**

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## **CRITICAL ACCESS HOSPITALS**

A special peer group report was developed for the hospitals designated by Centers for Medicare and Medicaid Services (CMS) as Critical Access Hospitals (CAH). This report has been developed in response to feedback from the CAH in the state. There are twenty-eight hospitals designated as CAH in Arkansas. These hospitals provide outpatient, emergency and limited inpatient services in rural Arkansas.

Critical Access Hospitals are included in the GMS peer groups, as well as in the CAH group. Nearly all are in GMS peer group 4.

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## **CRITICAL ACCESS HOSPITALS**

- Ashley Co. Medical Center Ashley County, Crossett
- Baptist Health Medical Center-Arkadelphia Clark County, Arkadelphia
- Baptist Health Medical Center- Heber Springs Cleburne County, Heber Springs
- Booneville Community Hospital Logan County, Booneville
- Bradley Co. Medical Center Bradley County, Warren
- Chicot Memorial Hospital Chicot County, Lake Village
- Community Medical Center of IZARD Co. IZARD County, Calico Rock
- CrossRidge Community Hospital Cross County, Wynne
- Dallas Co. Medical Center Dallas County, Fordyce
- Dardanelle Hospital Yell County, Dardanelle
- Delta Memorial Hospital Association Desha County, Dumas
- De Queen Regional Medical Center Sevier County, De Queen
- De Witt Hospital and Nursing Home, Inc. Arkansas County, De Witt
- Eureka Springs Hospital Carroll County, Eureka Springs
- Fulton Co. Hospital Fulton County, Salem
- Howard Memorial Hospital Howard County, Nashville
- Lawrence Memorial Hospital Lawrence County, Walnut Ridge
- Little River Memorial Hospital Little River County, Ashdown
- McGehee-Desha Co. Hospital Desha County, McGehee
- Mercy Hospital of Scott Co. Scott County, Waldron
- Mercy Hospital Turner Memorial Franklin County, Ozark
- North Logan Mercy Hospital Logan County, Paris
- Ozark Health Medical Center Van Buren County, Clinton
- Piggott Community Hospital Clay County, Piggott
- St. Anthony's Healthcare Center Conway County, Morrilton
- St. John's Hospital Berryville County, Berryville
- SMC Regional Medical Center Mississippi County, Osceola
- Stone County Medical Center Stone County, Mountain View

**HOSPITAL DISCHARGE DATA  
FOR ALL CRITICAL ACCESS HOSPITALS**

**Overall Utilization**

Total Discharges	25,303	Average Length of Stay	3.8
Total Patient Days	96,590	Average Charge per Discharge	\$ 7,071.24
Average Census per Day	264.6	Average Charge per Day	\$ 1,852.40

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	59.4
Other GMS Hospital	7.1
Skilled Nursing Facility	9.6
Intermediate Care Facility	3.2
Other Institution	0.7
Home Health	7.0
Left Against Medical Advice	0.5
Home IV Provider	0.0
Expired	3.0
Other	9.5

**Age and Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female ( 16,040)				
Under 15 years	1,062	4.2	2.3	1.5
15 – 44 years	3,086	12.2	7.6	1.5
45 – 64 years	2,660	10.5	9.0	11.1
65 years and above	9,232	36.5	45.4	40.5
Male ( 9,263)				
Under 15 years	1,185	4.7	2.5	1.8
15 – 44 years	1,096	4.3	3.0	3.9
45 – 64 years	2,004	7.9	7.1	8.5
65 years and above	4,978	19.7	23.2	22.1

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	60.7
Medicaid	15.8
Other Government	0.5
Commercial Insurance	15.4
Self-Pay	6.0
Other/Unknown	1.7

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	24,393	96.4	92,734	96.0
Non-Resident	908	3.6	3,847	4.0
Unknown	2	0.0	9	0.0

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	24.7
Urgent	34.0
Elective	37.0
Newborn	4.2
Information Not Available	0.0

**Obstetrical Utilization**

Normal Deliveries	878	% of Deliveries	62.8
Cesarean Deliveries	520	% of Deliveries	37.2
Total Deliveries	1,398		
Total Births	1,400		

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
CRITICAL ACCESS HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	1,452	5,425	3.7
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	1,170	3,233	2.8
194	SIMPLE PNEUMONIA & PLEURISY W CC	1,018	4,840	4.8
641	NUTRITIONAL & MISC METABOLIC DISORDERS W/O MCC	911	2,997	3.3
690	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	855	3,174	3.7
192	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	797	2,812	3.5
945	REHABILITATION W CC/MCC	742	6,235	8.4
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	713	1,266	1.8
293	HEART FAILURE & SHOCK W/O CC/MCC	679	2,170	3.2
603	CELLULITIS W/O MCC	579	2,061	3.6

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGs**

*Refer To MS-DRG # Above*

	195	392	194	641	690	192	945	775	293	603
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	15.2	5	3.8	5.0	2.6	0.1	0.0	0.8	0.0	6.2
15 - 44 years	9.8	20.9	6.3	7.8	12.0	2.3	1.3	99.2	3.7	25.4
45 - 64 years	19.6	25.1	17.6	18.6	12.4	32.2	5.4	0.0	18.0	31.4
65 - 84 years	36.8	36.1	48.7	44.7	43.7	55.3	59.4	0.0	52.3	25.9
85 years and above	18.6	12.9	23.6	23.9	29.2	10.0	33.8	0.0	26.1	11.1
Expired	1.6	0.3	3.8	2.0	1.8	0.8	5.8	0.0	3.5	0.3
<b>Gender Distribution</b>										
Female	59.7	69.6	56.6	67.0	76.4	56.6	66.4	100.0	56.1	52.3
Male	40.3	30.4	43.4	33.0	23.6	43.4	33.6	0.0	43.9	47.7
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	61.6	55.4	76.5	72.9	74.5	77.5	93.1	0.0	81.3	47.0
Medicaid	14.8	9.5	7.0	7.0	7.7	5.9	0.3	74.3	4.6	12.3
Other Government	0.6	0.8	0.3	0.4	0.6	0.1	0.0	0.7	0.0	0.2
Commercial Insurance	18.1	23.7	11.5	14.9	11.6	11.9	4.3	18.2	7.8	22.8
Self-Pay	4.0	9.0	3.9	3.8	4.8	3.0	0.0	5.6	4.0	15.5
Other/Unknown	1.0	1.7	0.8	0.9	0.8	1.5	2.3	1.1	2.4	2.2

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR FEMALES FOR  
CRITICAL ACCESS HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	867	3,420	3.9
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	814	2,396	2.9
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	713	1,266	1.8
690	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	653	2,403	3.7
641	NUTRITIONAL & MISC METABOLIC DISORDERS W/O MCC	610	2,116	3.5
194	SIMPLE PNEUMONIA & PLEURISY W CC	576	2,629	4.6
945	REHABILITATION W CC/MCC	493	4,130	8.4
192	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	451	1,596	3.5
293	HEART FAILURE & SHOCK W/O CC/MCC	381	1,244	3.3
766	CESAREAN SECTION W/O CC/MCC	359	938	2.6

**AGE AND PAY SOURCE DISTRIBUTION BY TOP TEN MS- DRGs**

*Refer To MS-DRG # Above*

	195	392	775	690	641	194	945	192	293	766
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	12.2	4	0.8	3.4	3.8	3.1	0.0	0.0	0.0	0.3
15 - 44 years	10.5	19.0	99.2	13.9	6.7	6.6	1.0	2.9	3.4	99.4
45 - 64 years	20.3	23.7	0.0	11.9	16.1	17.5	4.1	34.8	14.4	0.3
65 - 84 years	35.6	38.5	0.0	41.2	46.6	46.4	57.8	52.3	50.9	0.0
85 years and above	21.3	15.0	0.0	29.6	26.9	26.4	37.1	10.0	31.2	0.0
Expired	1.8	0.1	0.0	1.7	2.1	2.6	4.9	0.9	4.7	0.0
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	63.1	58.1	0.0	71.8	76.1	77.3	93.3	74.7	82.7	0.3
Medicaid	14.1	8.6	74.3	8.7	6.6	7.6	0.2	7.1	5.0	73.5
Other Government	0.5	1.0	0.7	0.8	0.5	0.2	0.0	0.0	0.0	0.6
Commercial Insurance	17.2	23.0	18.2	12.7	13.6	11.8	4.5	13.3	5.2	23.1
Self-Pay	4.3	7.6	5.6	5.1	2.6	3.0	0.0	3.5	3.9	1.9
Other/Unknown	0.9	1.7	1.1	0.9	0.7	0.2	2.0	1.3	3.1	0.6

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR MALES FOR  
CRITICAL ACCESS HOSPITALS**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	585	2,005	3.4
194	SIMPLE PNEUMONIA & PLEURISY W CC	442	2,211	5.0
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	356	837	2.4
192	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	346	1,216	3.5
641	NUTRITIONAL & MISC METABOLIC DISORDERS W/O MCC	301	881	2.9
293	HEART FAILURE & SHOCK W/O CC/MCC	298	926	3.1
603	CELLULITIS W/O MCC	276	889	3.2
945	REHABILITATION W CC/MCC	249	2,105	8.5
690	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	202	771	3.8
313	CHEST PAIN	179	290	1.6

**AGE AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGs**

*Refer To MS-DRG # Above*

	195	194	392	192	641	293	603	945	690	313
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	19.7	5	7.9	0.3	7.6	0.0	7.2	0.0	0.0	0.0
15 - 44 years	8.7	5.9	25.0	1.4	10.0	4.0	31.5	2.0	5.9	15.6
45 - 64 years	18.5	17.6	28.4	28.9	23.6	22.5	37.0	8.0	13.9	36.9
65 - 84 years	38.6	51.8	30.6	59.2	40.9	54.0	18.5	62.7	52.0	41.9
85 years and above	14.5	19.9	8.1	10.1	17.9	19.5	5.8	27.3	28.2	5.6
Expired	1.2	5.4	0.6	0.6	1.7	2.0	0.0	7.6	2.0	0.0
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	59.3	75.6	49.2	81.2	66.4	79.5	38.4	92.8	83.2	55.3
Medicaid	15.9	6.1	11.5	4.3	8.0	4.0	12.0	0.4	4.5	8.9
Other Government	0.7	0.5	0.3	0.3	0.3	0.0	0.4	0.0	0.0	0.0
Commercial Insurance	19.5	11.1	25.3	10.1	17.6	11.1	26.8	4.0	7.9	21.8
Self-Pay	3.6	5.2	12.1	2.3	6.3	4.0	19.2	0.0	4.0	11.7
Other/Unknown	1.0	1.6	1.7	1.7	1.3	1.3	3.3	2.8	0.5	2.2

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

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**SPECIAL REPORTS**

- **Cardiac**
- **Pediatric**

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## **SPECIAL REPORTS**

Special reports exist for two hospitals with limited comparability. First, Arkansas Heart Hospital is included in the report titled "Major Diagnostic Category 05 (MDC 05) – Diseases and Disorders of the Circulatory System." This report includes all reported services in MDC 05 from all reporting hospitals. Second, Arkansas Children's Hospital is included in the report titled "Patients Aged 0-18, Excluding Normal Newborns (DRG 795)." This report includes all reported services to that age group from all reporting hospitals.

**HOSPITAL DISCHARGE DATA  
FOR MAJOR DIAGNOSTIC CATEGORY 05 (MDC 05) - DISEASES & DISORDERS OF THE CIRCULATORY SYSTEM**

**Overall Utilization**

Total Discharges	67,535	Average Length of Stay	4.1
Total Patient Days	275,602	Average Charge per Discharge	\$ 29,076.11
Average Census per Day	755.1	Average Charge per Day	\$ 7,124.97

**Age and Gender Distribution**

	<i>Discharges</i>	<i>% Discharges</i>	<i>% Days</i>	<i>% Charges</i>
Female ( 33,146)				
Under 15 years	244	0.4	1.2	0.9
15 – 44 years	2,513	3.7	3.1	0.9
45 – 64 years	9,576	14.2	12.7	13.1
65 years and above	20,813	30.8	33.0	26.2
Male ( 34,389)				
Under 15 years	230	0.3	0.8	0.8
15 – 44 years	3,013	4.5	3.7	4.0
45 – 64 years	13,276	19.7	17.5	22.2
65 years and above	17,870	26.5	28.1	30.2

**Resident / Non-Resident Utilization**

	<i>Discharges</i>	<i>% Discharges</i>	<i>% Days</i>	<i>% Charges</i>
Arkansas Resident	63,762	94.4	257,876	93.6
Non-Resident	3,768	5.6	17,694	6.4
Unknown	5	0.0	32	0.0

**Patient Discharge Status Distribution**

<i>Discharge Status</i>	<i>% Discharges</i>
Home or Self Care	75.3
Other GMS Hospital	3.5
Skilled Nursing Facility	5.0
Intermediate Care Facility	1.2
Other Institution	0.5
Home Health	6.8
Left Against Medical Advice	0.6
Home IV Provider	0.0
Expired	2.6
Other	4.5

**Expected Pay Source Distribution**

<i>Expected Primary Payer</i>	<i>% Discharges</i>
Medicare	63.8
Medicaid	5.9
Other Government	0.9
Commercial Insurance	21.3
Self-Pay	6.2
Other/Unknown	1.9

**Type of Admission Distribution**

<i>Admission Type</i>	<i>% Discharges</i>
Emergency	42.4
Urgent	24.4
Elective	33.0
Newborn	0.0
Information Not Available	0.2

**Obstetrical Utilization**

Normal Deliveries	6	% of Deliveries	54.5
Cesarean Deliveries	5	% of Deliveries	45.5
Total Deliveries	11		
Total Births			

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
MDC 05 - DISEASES AND DISORDERS OF THE CIRCULATORY SYSTEM**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
313	CHEST PAIN	5,591	10,128	1.8
287	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	5,412	14,417	2.7
293	HEART FAILURE & SHOCK W/O CC/MCC	4,474	15,534	3.5
247	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC	4,345	8,859	2.0
249	PERC CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MCC	3,974	8,326	2.1
292	HEART FAILURE & SHOCK W CC	3,613	17,162	4.8
310	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W/O CC/MCC	3,483	8,916	2.6
291	HEART FAILURE & SHOCK W MCC	2,757	17,405	6.3
312	SYNCOPE & COLLAPSE	2,476	6,946	2.8
254	OTHER VASCULAR PROCEDURES W/O CC/MCC	1,511	3,115	2.1

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGS**

Refer To MS-DRG # Above

	313	287	293	247	249	292	310	291	312	254
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	0.1	0	0.0	0.0	0.0	0.0	0.7	0.1	0.4	0.3
15 - 44 years	20.4	12.0	5.3	5.5	5.3	3.0	8.2	3.9	10.5	2.9
45 - 64 years	47.1	47.5	23.0	45.8	41.8	20.2	27.3	20.7	24.2	37.8
65 - 84 years	27.0	37.5	48.0	45.9	48.6	51.0	50.8	51.9	47.7	52.2
85 years and above	5.4	3.0	23.7	2.8	4.3	25.8	13.0	23.5	17.3	6.8
Expired	0.1	0.1	2.4	0.1	0.2	3.2	0.6	8.5	0.3	0.1
<b>Gender Distribution</b>										
Female	57.7	49.8	52.7	37.7	36.5	58.8	56.2	55.6	58.4	44.2
Male	42.3	50.2	47.3	62.3	63.5	41.2	43.8	44.4	41.6	55.8
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	42.8	49.9	75.7	55.0	58.1	81.7	65.5	83.4	69.3	66.9
Medicaid	11.2	6.0	7.8	3.1	3.7	5.8	3.4	4.9	4.6	4.4
Other Government	1.0	1.3	0.4	1.2	0.9	0.4	0.6	0.3	0.8	0.9
Commercial Insurance	27.0	31.2	9.4	32.0	27.1	8.1	23.0	7.4	18.8	22.7
Self-Pay	15.4	9.3	5.2	5.5	7.4	2.9	5.5	3.2	5.2	3.4
Other/Unknown	2.6	2.4	1.6	3.1	2.8	1.1	2.0	0.9	1.3	1.7

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

**HOSPITAL DISCHARGE DATA  
FOR PATIENTS AGED 0 - 18, EXCLUDING NORMAL NEWBORNS (MS-DRG 795)**

**Overall Utilization**

Total Discharges	44,831	Average Length of Stay	6.8
Total Patient Days	302,919	Average Charge per Discharge	\$ 16,477.33
Average Census per Day	829.9	Average Charge per Day	\$ 2,438.54

**Gender Distribution**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Female				
Under 19 years	22,296	49.7	46.0	46.0
Male				
Under 19 years	22,526	50.2	54.0	54.0

**Resident / Non-Resident Utilization**

	<b>Discharges</b>	<b>% Discharges</b>	<b>% Days</b>	<b>% Charges</b>
Arkansas Resident	42,857	95.6	287,336	94.9
Non-Resident	1,972	4.4	15,577	5.1
Unknown	2	0.0	6	0.0

**Patient Discharge Status Distribution**

<b>Discharge Status</b>	<b>% Discharges</b>
Home or Self Care	90.2
Other GMS Hospital	3.1
Skilled Nursing Facility	0.0
Intermediate Care Facility	0.1
Other Institution	3.2
Home Health	2.2
Left Against Medical Advice	0.3
Home IV Provider	0.1
Expired	0.6
Other	0.3

**Expected Pay Source Distribution**

<b>Expected Primary Payer</b>	<b>% Discharges</b>
Medicare	0.2
Medicaid	62.7
Other Government	1.2
Commercial Insurance	29.9
Self-Pay	4.0
Other/Unknown	1.9

**Type of Admission Distribution**

<b>Admission Type</b>	<b>% Discharges</b>
Emergency	39.7
Urgent	17.8
Elective	17.2
Newborn	25.3
Information Not Available	0.1

SOURCE: CY07 Arkansas Hospital Discharge Data System

**TOP TEN MS-DRGS FOR  
PATIENTS AGED 0-18, EXCLUDING NORMAL NEWBORNS (MS-DRG 795)**

**PATIENT STATISTICS BY TOP TEN MS-DRGS**

MS-DRG	DESCRIPTION	# of DISCHARGES	PATIENT DAYS	AVG LGTH of STAY
794	NEONATE W OTHER SIGNIFICANT PROBLEMS	5,897	14,424	2.4
885	PSYCHOSES	4,755	74,622	15.7
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	2,269	4,244	1.9
792	PREMATURITY W/O MAJOR PROBLEMS	2,155	9,857	4.6
195	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	1,957	4,859	2.5
793	FULL TERM NEONATE W MAJOR PROBLEMS	1,849	13,425	7.3
203	BRONCHITIS & ASTHMA W/O CC/MCC	1,698	3,871	2.3
392	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	1,413	3,045	2.2
790	EXTREME IMMATURETY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	1,327	37,523	28.3
789	NEONATES, DIED OR TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	1,072	5,796	5.4

**AGE, GENDER, AND PAY SOURCE DISTRIBUTION BY TOP TEN MS-DRGS**

Refer To MS- DRG # Above

	794	885	775	792	195	793	203	392	790	789
<b>Age Distribution</b>	%	%	%	%	%	%	%	%	%	%
Under 15 years	100.0	48	2.9	100.0	95.9	100.0	96.5	88.1	100.0	100.0
15 - 44 years	0.0	51.6	97.1	0.0	4.1	0.0	3.5	11.9	0.0	0.0
45 - 64 years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65 - 84 years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85 years and above	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Expired	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1
<b>Gender Distribution</b>										
Female	41.9	44.3	100.0	51.3	44.3	44.9	38.9	50.5	42.9	42.4
Male	58.0	55.7	0.0	48.7	55.7	55.0	61.1	49.5	57.1	57.5
<b>Pay Source Distribution - Primary Payer</b>										
Medicare	0.0	0.4	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.1
Medicaid	59.8	73.8	84.8	58.3	63.9	58.7	69.7	60.3	59.5	60.5
Other Government	1.3	2.2	1.0	1.3	1.1	1.4	0.9	0.7	1.0	1.5
Commercial Insurance	28.9	15.4	10.1	31.2	30.3	33.2	25.6	35.3	35.1	29.6
Self-Pay	7.7	3.2	3.4	7.5	3.0	5.1	2.8	2.1	3.5	7.3
Other/Unknown	2.3	4.9	0.7	1.7	1.6	1.7	1.0	1.4	0.9	1.0

NOTE: MS-DRG 795 (Normal Newborns) have been excluded

SOURCE: CY07 Arkansas Hospital Discharge Data System

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## APPENDIX A: GLOSSARY

**Age** - The patient's age at birthday prior to or at the time of discharge from the hospital. Age is calculated from the patient's date of birth, a required data field.

**Average (mean)** - Mean is the sum of all values divided by the number of values. For example, to determine the average charge per discharge for seven pneumonia patients in a particular hospital, the charges for each patient are added together and divided by seven.

**Average (mean) charge** - The sum of all charges for a service or facility divided by the number of discharges.

**Average length of stay (ALOS)** - The number of days of care accumulated by patients discharged during the year divided by the number of these patients. Length of stay affects charges because longer stays generate higher charges. In addition, it may be a rough indicator of hospital efficiency or program philosophy.

**CC-** Complicating Conditions or Co-Morbidities

**Cesarean section (c-section)** - A surgical method of delivering babies through an abdominal incision in the womb.

**Critical Access Hospitals (CAHs)** - A group of hospitals that are certified to receive cost-based reimbursement from Medicare. The reimbursement that CAHs receive is intended to improve their financial performance and thereby reduce hospital closures. These acute care facilities can provide outpatient, emergency, and limited inpatient services.

**Diagnosis** - A disease or injury (or factor that influences health status and contact with health services that is not itself a current illness or injury) listed on the medical record of a patient. (Also see Principal Diagnosis.) All-listed diagnoses include all diagnoses reported on the discharge record. There is space for up to nine diagnoses to be coded prior to calendar year 2008. From 2008 onward, there will be space to code up to eighteen diagnoses.

**Discharge** - The formal release of a patient by a hospital; that is, the termination of a period of hospitalization by death, by disposition to place of residence, nursing home, another hospital or facility, or by the patient's choice. The terms "discharges," "patients discharged" and "hospitalizations" are used synonymously. The number of discharges from a hospital affects how a hospital is staffed, what types of services a hospital offers and how well it competes in the broader health care system. To some degree, it also affects costs because, when viewed relative to the facility's capacity, the number of discharges is a partial indicator of efficiency. The number of discharges is used to calculate the average charge and average length of stay at a hospital.

**Expected payer** - Data about expected payers are compiled from hospital bills. The bills indicate whom the facility expects to pay for the services; however, the expected payer does not always pay the bills. A patient's insurance may not cover the particular procedure. The indicated insurer may not actually cover a patient. Therefore, expected pay sources are to be viewed as preliminary.

Expected pay sources include the following:

- **Medicare** - reimbursement under Part A (facility care) of Title 18. Medicare is a federal health insurance program for the elderly and disabled.
- **Medical Assistance** - reimbursement from Arkansas' Medicaid (Title 19) program. Medicaid is a federal/state program that helps pay for health care for indigent and other eligible persons.
- **Other government** - reimbursement from CHAMPUS (Civilian Health and Medical Program of the Uniformed Services - health benefits for military personnel and dependents), county general relief and other programs, medical assistance from a state other than Arkansas and other government sources.
- **Private insurance** - reimbursement from Blue Cross/Blue Shield and other traditional insurance companies, alternative payment systems (e.g., HMO's, PPO's), self-funded plans and Worker's Compensation.
- **Self-pay** - reimbursement from a patient's own resources. Self-pay may also include insurance that has not been assigned (reimbursement made directly to the patient, rather than to the hospital).
- **Unknown** - the facility had not yet determined from whom it expected reimbursement.

**MCC-** Major complicating conditions or Co-morbidities

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**Medicare Severity Diagnosis Related Groups (MS-DRGs)** – Medicare Severity Diagnosis Related Group (MS-DRG) is an inpatient classification method that categorizes patients who share similar clinical and cost characteristics. Inpatients are assigned to one of approximately 600 mutually exclusive groups, based on age, gender, patient status, diagnosis, procedures and discharge disposition.

A DRG Grouper computer program takes clinical and demographic data as input and gives a corresponding DRG and MDC as output. The Center for Health Statistics uses DRG grouper software entitled CMS Grouper with Medicare Code Editor Software, release date: October 2007. This release includes updated ICD-9-CM code descriptions and DRG descriptions.

**Newborn infant** - A patient admitted by birth to a hospital.

**Normal delivery** - A delivery not involving a cesarean section procedure.

**Number of discharges** - The count of all events having a specified attribute. For example, it may be necessary to provide a count of the number of discharges of females less than fifteen years old.

**Patient** - A person who is formally admitted to the inpatient service of an Arkansas licensed hospital for observation, care, diagnosis or treatment. The terms “patient” and “inpatient” are used synonymously.

**Patient charges per day** - The average patient charge for each patient day, calculated by dividing total patient charges by the total number of patient days.

**Patient charges per stay** - The average total patient charge for a hospital stay, calculated by dividing total patient charges by the total number of discharges.

**Patient days** - The number of days of care accumulated at the time of discharge by a patient. A stay of less than one day (patient admission and discharge on the same day) is counted as one day in the summation of total days of care. For patients admitted and discharged on different days, the number of days of care is computed by counting all days from (and including) the date of admission to (but not including) the date of discharge.

**Peer Groups** - Each hospital was placed in one of seven possible peer groups; general medical-surgical (4), rehabilitation, psychiatric, or long-term acute care hospitals.

The peer groups are:

- **General Medical-Surgical (GMS) Hospitals** - provide diagnostic and therapeutic services to patients with the widest variety of medical conditions, both surgical and non-surgical. These hospitals do not have long-term care designation and are divided into sub-groups based on the number of reported discharges.
- **Rehabilitation Hospitals** - provide a comprehensive array of restoration services for the disabled, with support services necessary to help them attain their maximum health and competence.
- **Psychiatric Hospitals** - provide diagnostic and therapeutic services to patients with mental, emotional and/or substance-dependency (drug or alcohol) disorders.
- **Long-Term Acute Care Hospitals** – These hospitals are focused on patients with serious medical problems that require intense, special treatment for a long time (usually about 20-30 days).
- **Special Reports** – There are two special reports for hospitals with limited comparability. These hospitals are Arkansas Children’s Hospital and Arkansas Heart Hospital.
- **All Patients Aged 0-18, Excluding Normal Newborns (DRG 795)** – includes data from all hospitals reporting services to children less than 19 years of age at the time of discharge, except those services provided to an infant for a normal birth. Normal newborns are defined as those discharges to which the DRG grouper software assigns a code of 795.
- **All Patients Having a Disease and/or Disorder of the Circulatory System (MDC 05)** – includes data from all hospitals reporting services to patients assigned MDC code 05 by the DGR grouper software.

**Percent** - A part of a whole, represented as a fraction of 100 and symbolized with %. For example, if, of 3467 patients, 1520 are male, the percent male is calculated as  $(1520/3467)*100=43.8\%$ .

**Principal Diagnosis** - The condition established after study to be primarily responsible for causing the admission of the patient to the hospital for care. The principal diagnosis should be the first listed diagnosis in the hospital discharge record.

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**Procedure** - A surgical or non-surgical operation or a series of steps or tests made to reach a diagnosis, or a special treatment, reported on the medical record of a patient. There is space for up to six procedures to be coded prior to calendar year 2008. From 2008 onward, there will be space to code up to eight procedures.

**UB-04 form** - A uniform patient billing form (HCFA-1450) developed by a national uniform billing committee under the auspices of the Federal Health Care Financing Administration.