

Lake County Service Area

Health Utilization Data
May 2013



Economic Impact of Health Care in the Community



- The Flow of Money
- Recapturing Dollars
- Community Economic Infrastructure
- Follow the Jobs – Types of Jobs
- Direct and Indirect Spending
- Forward and Backward Linkages through Hospital
- Follow the Spending of Health Care Organizations and their Employees
- Local Control
- Social Value / Peace of Mind

Where do People Go for Hospital Care?—Market Share Methodology



- Comp Data is a comprehensive (state-mandated) hospital reporting system.
- Data shows origin of patient by zip code, hospital admitted to, reason for admission, and payor source among other data.
- Local Utilization is critical to health system survival
- OR inpatient hospital data is from 1/12—12/12
- OR outpatient surgery data is from 1/12—12/12

Where do the Predictions Come From?



- Normative data for hospital inpatients, inpatient procedures, outpatient procedures, emergency room visits all come from the most recent annual surveys conducted by the National Center for Health Statistics (NCHS) and published in *National Health Statistics Reports* (NHSR). These are national norms based on actuarial experiences.
- *NCHS has calculated that people in the **WEST** use health services **19.6% LESS** than the average for the country as a whole.*

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of Inpatients

Lakeview Service Area

		<15	15-44	45-64	65+		
	Population:	865	1,688	1,764	1,508		5825
	ICD-9-CM	<15	15-44	45-64	65+	Total	
Infectious and Parasitic Diseases	001-139	2	3	7	22	34	11
Neoplasms	140-239	1	3	15	27	45	26
Endocrine, Nutritional, Immunity	240-279	2	5	13	30	50	13
Diseases of the Blood and Blood Forming Organs	280-289	-	2	3	9	13	5
Mental Disorders	290-319	2	17	17	10	46	12
Diseases of the Nervous System and Sense Organs	320-389	1	2	5	12	21	5
Diseases of the Circulatory System	390-459	0	6	42	144	192	88
Diseases of the Respiratory System	460-519	8	4	18	65	96	61
Diseases of the Digestive System	520-579	3	11	24	49	87	46
Diseases of the Genitounnary System	580-629	1	7	13	38	58	38
Complications of Pregnancy, Childbirth	630-676		7			7	59
Diseases of the Skin and Subcutaneous Tissue	680-709		3	6	9	18	19
Diseases of the Musculoskeletal System & Connective Tissue	710-739	0	4	16	35	55	78
Congenital Anomalies	740-759	-	0	1	1	2	1
Conditions Originating in the Perinatal Period	760-779	2				2	0
Symptoms, Signs, and Ill-Defined Conditions	780-799	1	1	1	2	4	39
Injury and Poisoning	800-999	3	11	18	44	75	67
Supplementary Classifications	V01-V82	1	57	5	16	79	57
	TOTAL Inpatients					884	625

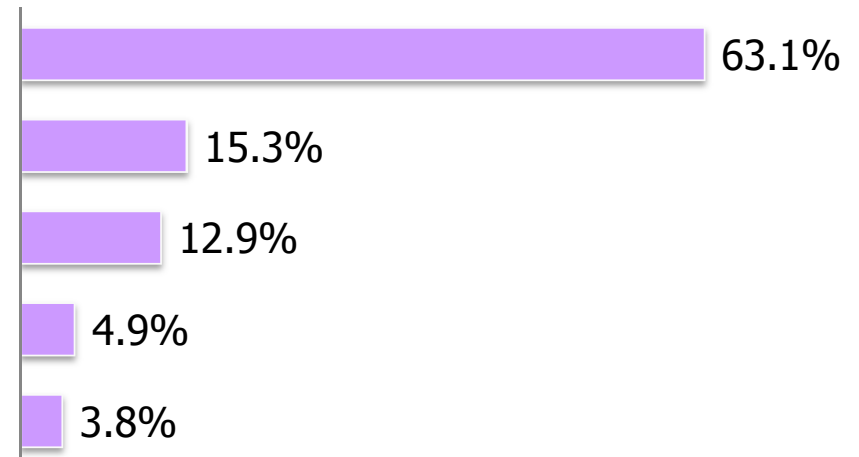
2007 National Hospital Discharge Survey, National Health Statistics Reports No. 29, Oct 26, 2010

Source: CompData (1/1/2012 - 12/31/2012)

Lakeview Service Area Inpatient Discharges



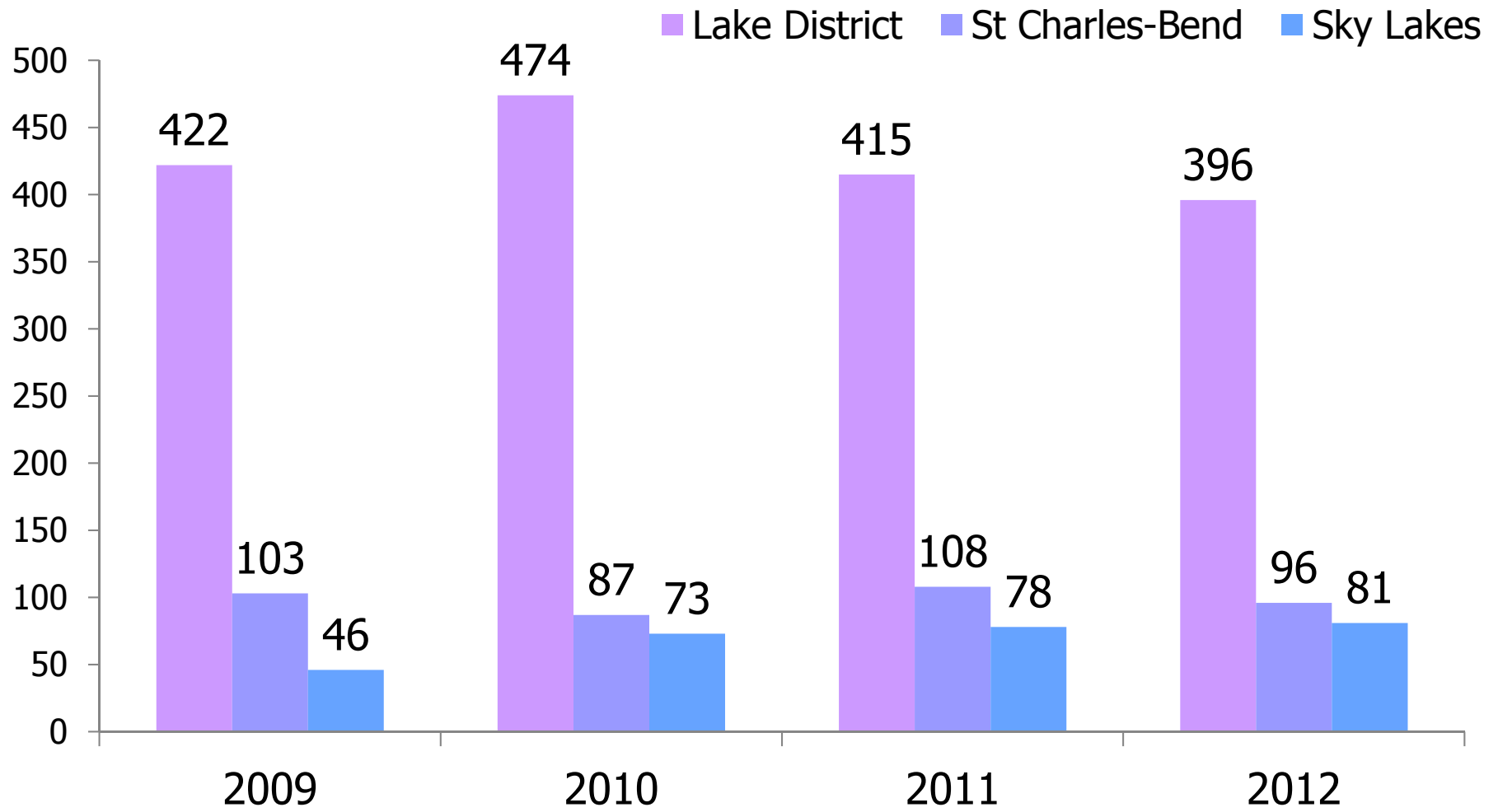
Used Lake District	396
Used St Charles Medical-Bend	96
Used Sky Lakes Medical Center	81
Used Rogue Valley	31
Other Hospitals (<2% ea.)	24
Actual # of Discharges	628
Predicted # of Discharges	884
- Western Adjustment (-19.6%)	711
Difference between actual	-83



- Market Share is the percentage of all discharges from the primary service area that are captured in the local hospital.

- 33 of the Inpatient Discharges at St. Charles-Bend were Transfers from a hospital. 17 were Clinic referrals.

Lakeview Service Area Inpatient Discharges per Year (2009-2012)



COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of Inpatients

North Lake Service Area

		<15	15-44	45-64	65+		
	Population:	388	640	675	391		2094
	ICD-9-CM	<15	15-44	45-64	65+	Total	
Infectious and Parasitic Diseases	001-139	1	1	3	6	10	7
Neoplasms	140-239	0	1	6	7	14	4
Endocrine, Nutritional, Immunity	240-279	1	2	5	8	15	6
Diseases of the Blood and Blood Forming Organs	280-289	-	1	1	2	4	0
Mental Disorders	290-319	1	6	7	3	16	5
Diseases of the Nervous System and Sense Organs	320-389	1	1	2	3	7	5
Diseases of the Circulatory System	390-459	0	2	16	37	56	19
Diseases of the Respiratory System	460-519	3	2	7	17	29	16
Diseases of the Digestive System	520-579	1	4	9	13	27	21
Diseases of the Genitounnary System	580-629	0	3	5	10	18	10
Complications of Pregnancy, Childbirth	630-676		3			3	14
Diseases of the Skin and Subcutaneous Tissue	680-709		1	2	2	6	1
Diseases of the Musculoskeletal System & Connective Tissue	710-739	0	1	6	9	17	21
Congenital Anomalies	740-759	-	0	0	0	1	0
Conditions Originating in the Perinatal Period	760-779	1				1	0
Symptoms, Signs, and Ill-Defined Conditions	780-799	0	0	0	0	1	3
Injury and Poisoning	800-999	1	4	7	11	23	15
Supplementary Classifications	V01-V82	0	22	2	4	28	19
	TOTAL Inpatients					276	166

2007 National Hospital Discharge Survey, National Health Statistics Reports No. 29, Oct 26, 2010

Source: CompData (1/1/2012 - 12/31/2012)

North Lake Service Area Inpatient Discharges



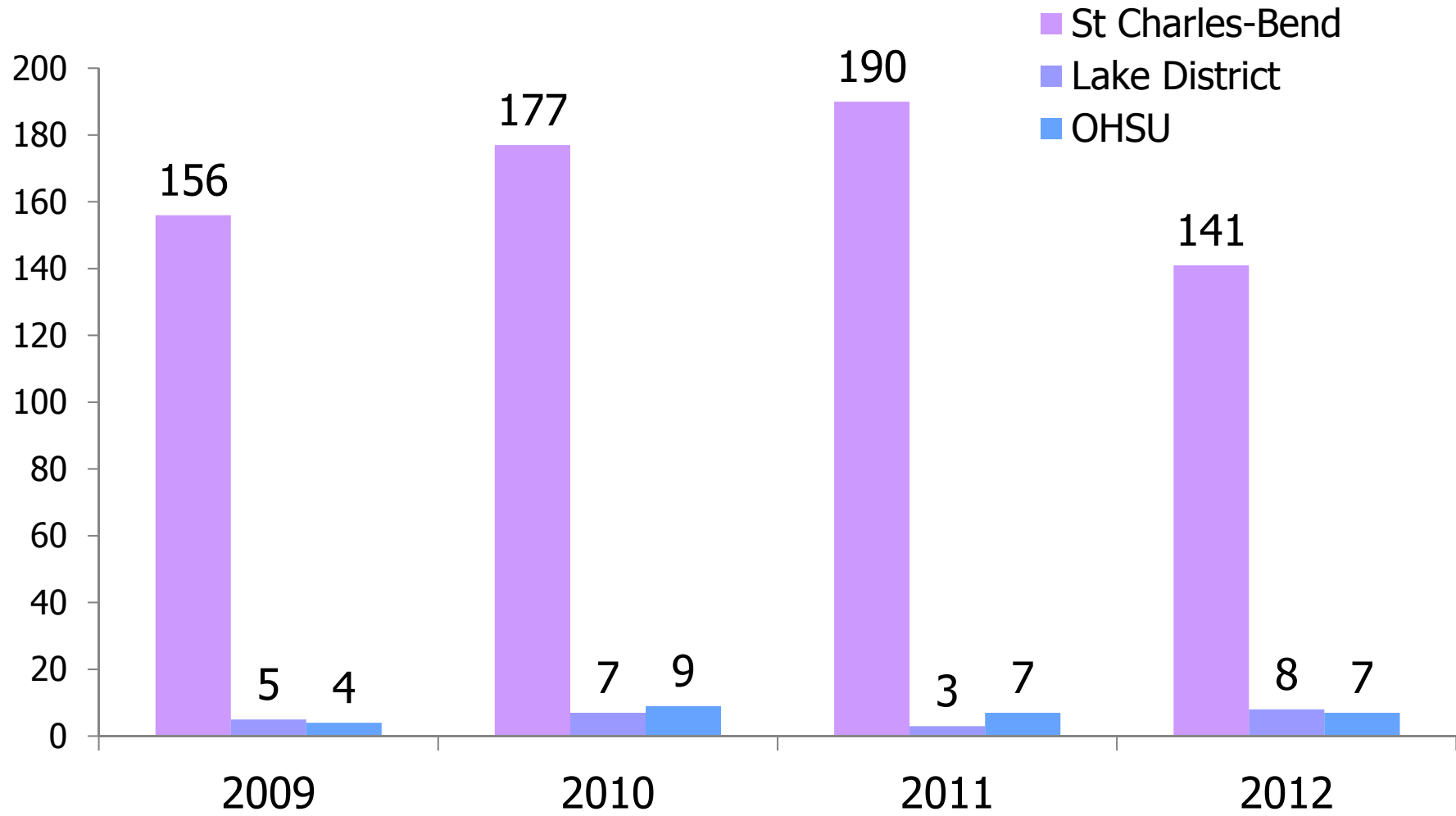
Used St. Charles Medical-Bend	141
Used Lake District	8
Used OHSU	7
Other Hospitals (<2% ea.)	10
Actual # of Discharges	166
Predicted # of Discharges	276
- Western Adjustment (-19.6%)	222
Difference between actual	-56



- Market Share is the percentage of all discharges from the primary service area that are captured in the local hospital.

- 19 of the Inpatient Discharges at St. Charles-Bend were Clinic referrals.

North Lake Service Area Inpatient Discharges per Year (2009-2012)



Inpatient Procedures



- Once someone is admitted to a hospital, they may have one or several types of procedure(s) done on them. The following slides estimate numbers of principal inpatient procedures for our planning units.
- NOT all procedures are surgeries, ie. obstetrical procedures/births, transfusions, angiocardiographies, diagnostic procedures

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

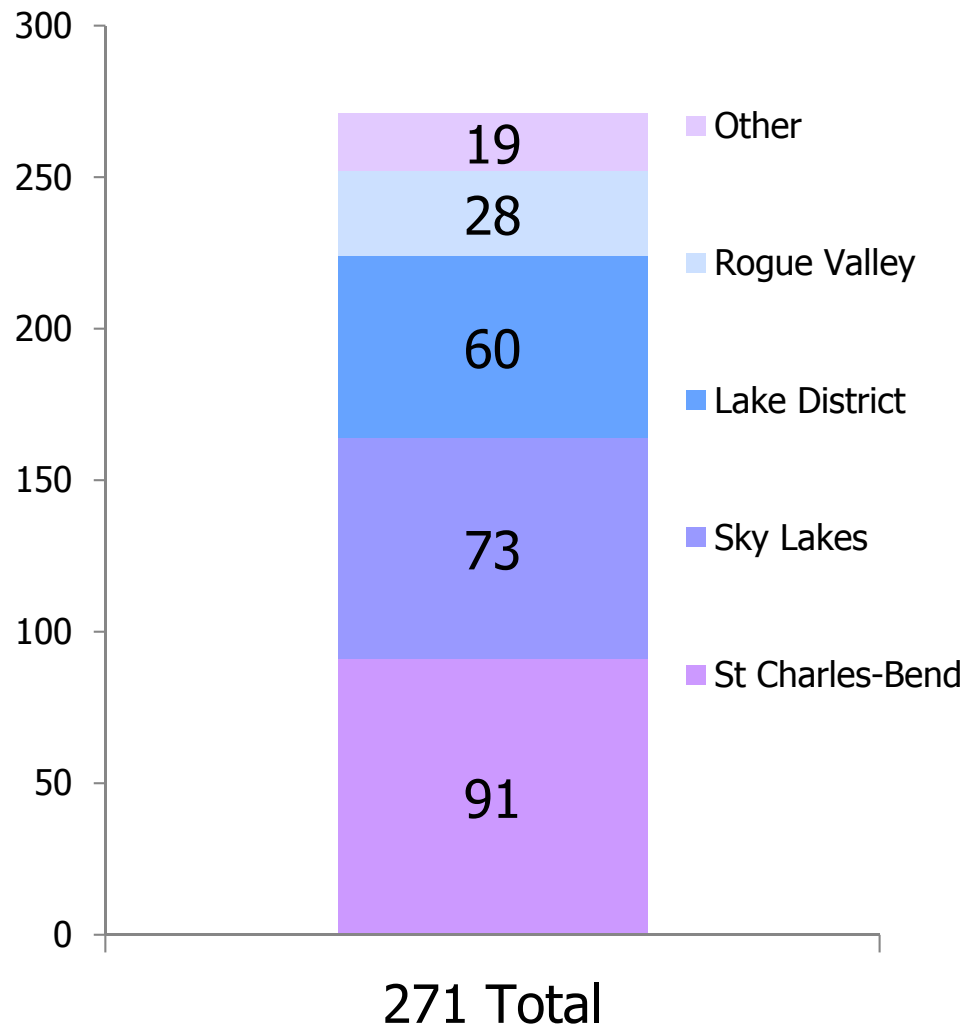
Estimates of ALL (principal and non-principal) Inpatient Procedures

Lakeview Service Area

		<15	15-44	45-64	65+	
Population:		865	1688	1764	1508	
	ICD-9-CM	<15	15-44	45-64	65+	Total
Operations on the Nervous System	01-05	3	5	7	14	29
Operations on the Endocrine System	06-07	*	0	1	1	3
Operations on the Eye	08-16	0	0	0	1	2
Operations on the Ears	18-20	0	0	*	*	0
Operations on the Nose, Mouth, and Pharynx	21-29	1	1	1	2	5
Operations on the Respiratory System	30-34	0	2	8	21	32
Operations on the Cardiovascular System	35-39	0	10	58	140	208
Operations on the Hemic and Lymphatic System	40-41	*	1	4	6	10
Operations on the Digestive System	42-54	3	17	40	90	150
Operations on the Urinary System	55-59	0	3	8	16	28
Operations on the Male Genital Organs	60-64	0	0	2	4	7
Operations on the Female Genital Organs	65-71	0	14	13	8	35
Obstetrical Procedures	72-75	0	94	*	*	94
Operations on the Musculoskeletal System	76-84	2	12	36	67	117
Operations on the Integumentary System	85-86	*	6	12	17	35
TOTAL Procedures						755

5825

Actual Inpatient PRINCIPAL Procedures from Lakeview SA



- 43.2%, or 271 of the 628 total inpatients from Lakeview Service Area had a principal procedure
- 22.1%, or 60 of the principal procedures were done at Lake District.

Top ICD Principal Procedures for Lakeview Service Area Inpatients



INPATIENT PROCEDURE	NUMBER OF PROCEDURES	AVERAGE CHARGE	AVERAGE AGE
8154 Total Knee Replacement	32	\$45,283	67
7359 Manual Assisted Del NEC	9	\$8,147	28
66 PTCA	9	\$47,187	73
8151 Total Hip Replacement	8	\$46,851	65

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

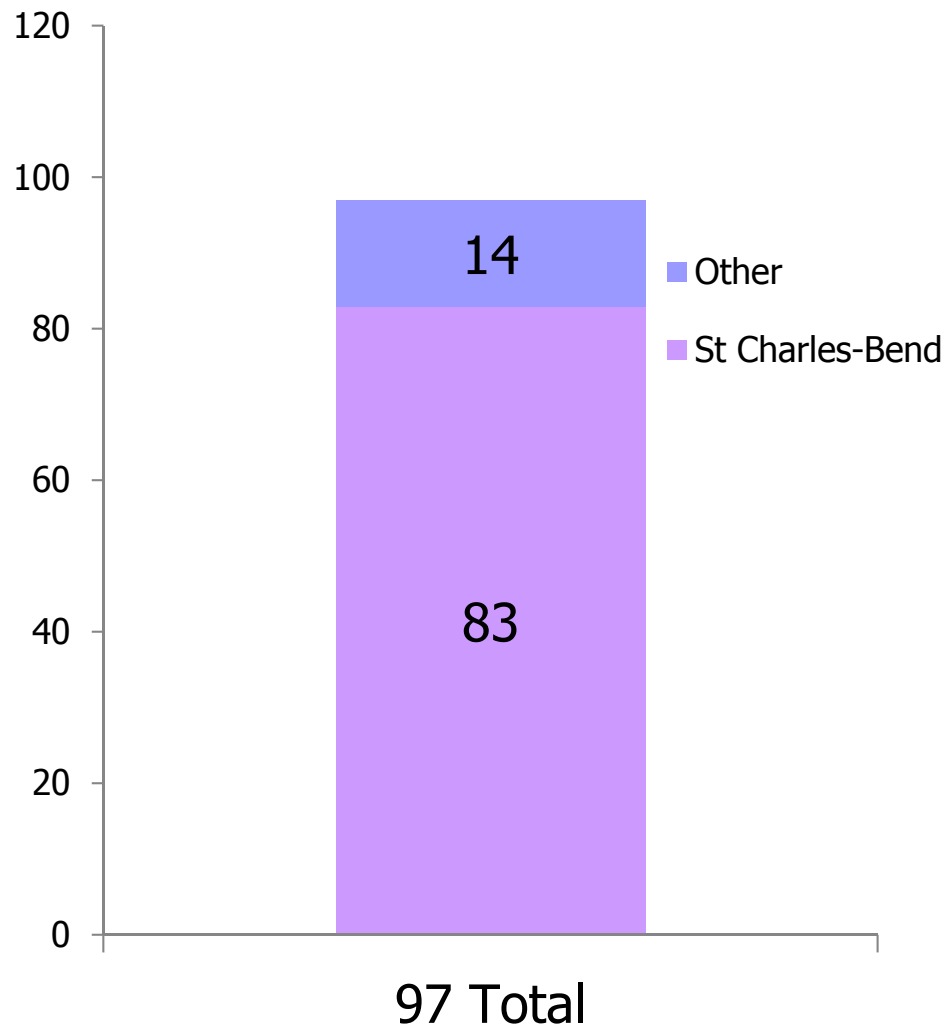
Estimates of ALL (principal and non-principal) Inpatient Procedures

North Lake Service Area

2094

		<15	15-44	45-64	65+	
	Population:	388	640	675	391	
	ICD-9-CM	<15	15-44	45-64	65+	Total
Operations on the Nervous System	01-05	1	2	3	4	9
Operations on the Endocrine System	06-07	*	0	0	0	1
Operations on the Eye	08-16	0	0	0	0	1
Operations on the Ears	18-20	0	0	*	*	0
Operations on the Nose, Mouth, and Pharynx	21-29	0	0	1	1	2
Operations on the Respiratory System	30-34	0	1	3	6	10
Operations on the Cardiovascular System	35-39	0	4	22	36	62
Operations on the Hemic and Lymphatic System	40-41	*	0	1	2	3
Operations on the Digestive System	42-54	1	6	15	23	47
Operations on the Urinary System	55-59	0	1	3	4	9
Operations on the Male Genital Organs	60-64	0	0	1	1	2
Operations on the Female Genital Organs	65-71	0	5	5	2	12
Obstetrical Procedures	72-75	0	36	*	*	36
Operations on the Musculoskeletal System	76-84	1	5	14	17	37
Operations on the Integumentary System	85-86	*	2	4	4	11
TOTAL Procedures						241

Actual Inpatient PRINCIPAL Procedures from North Lake SA



- 58.4%, or 97 of the 166 total inpatients from North Lake Service Area had a principal procedure

Top ICD Principal Procedures for North Lake Service Area Inpatients



INPATIENT PROCEDURE	NUMBER OF PROCEDURES	AVERAGE CHARGE	AVERAGE AGE
7359 Manual Assisted Del NEC	8	\$10,379	28
8154 Total Knee Replacement	8	\$51,324	69
8872 Heart Ultrasound	6	\$30,465	72
66 PTCA	5	\$93,512	57

Low Intensity Diagnostic Related Groupings



- Study Used to Estimate Usage of Limited Service Hospitals
- Conducted by Rural Health Research Center – University of Minnesota
- Title: Service Limitation Options for Limited Service Rural Hospitals, March 1993



Low Intensity DRG Criteria

- DRG's Meet the Following Conditions
 - 72 Hour Service
 - No Surgical Cases
 - No Obstetrical Cases
 - Primary Care Providers
 - Basic Laboratory Services
 - No Blood Banking
 - Basic Radiology
 - ie. allergic reactions, poisoning, kidney infections, chest pain, concussion

Economic Impact of Lakeview SA Low-Intensity DRG Out-migration



	Lakeview Service Area
Total Low Intensity DRGs	239 (38.1% of all 628 Lakeview Inpatients)
Served @ Lake District	213 (89.1% of Low Intensity Inpatients)

	Went instead to St. Charles--Bend
1. Number Served at...	11 (4.6% of Low Intensity Inpatients)
2. Avg Length of Stay	5.9 days (2.7 more than at Southern Coos)
3. Avg Charge per Day	\$4,332 (\$1170 more than at Southern Coos)
1 x 2 x 3 =	\$281,147
Collectible? @ 65% =	\$187,745

Top Low Intensity MS-DRGs for Lakeview Service Area



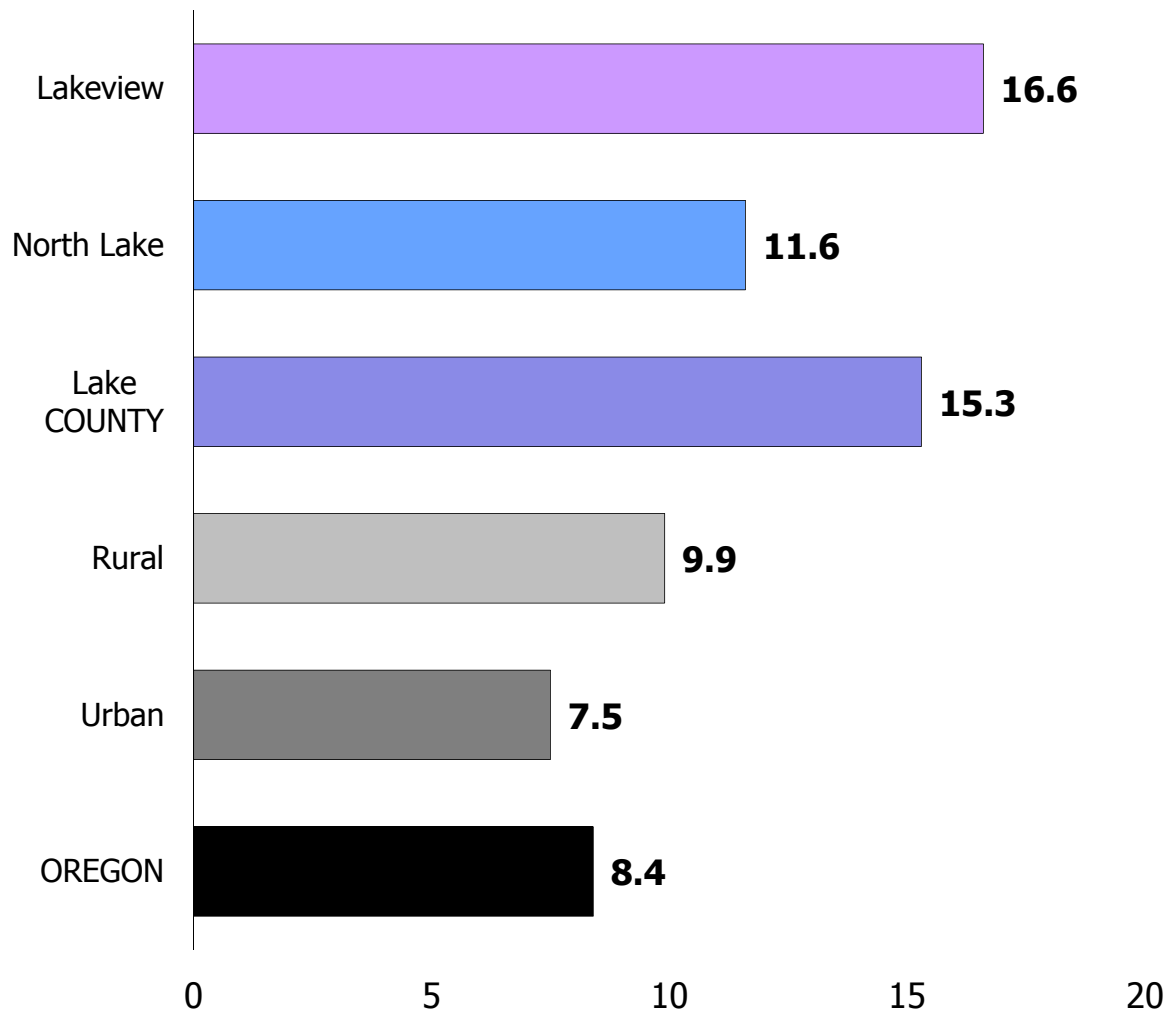
MS-DRG	NUMBER OF CASES	AVERAGE CHARGE	AVERAGE AGE
392 Esphgitis, Gastroent w/o MCC	22	\$8,500	64
293 Heart Failure and Shock w/o CC/MCC	16	\$8,704	81
195 Simple Pneumonia & Pleurisy w/o CC	15	\$7,230	54
192 Chronic Obs Pulm Disease w/o CC	12	\$8,045	70
603 Cellulitis w/o MCC	11	\$11,343	62
690 Kidney & Urin Tract Inf w/o MCC	10	\$7,903	49

Ambulatory Sensitive Conditions



- These are reasons for admission to a hospital which are deemed “avoidable” if the patient had made appropriate use of the primary care system, ie. asthma, diabetes, pneumonia
- Created by John Billings Ph.D. United Hospital Fund of New York

Ambulatory Care Sensitive Conditions per 1000 Population



- 2009-2011 average per year
- People over age 65 are 8 times more likely to have avoidable hospitalizations than those under 65.

Top ACSC Principal ICD Diagnoses for Lakeview Service Area



PRINCIPAL ICD DIAGNOSIS	NUMBER OF CASES	AVERAGE CHARGE	AVERAGE AGE
486 Pneumonia Organism NOS	23	\$11,978	62
49121 OCB w/Exacerbation	12	\$8,045	70
6826 Leg Cellulitis	8	\$15,846	59
5990 Urinary Tract Inf NOS	6	\$6,921	51

Top ACSC Principal ICD Diagnoses for North Lake Service Area



PRINCIPAL ICD DIAGNOSIS	NUMBER OF CASES	AVERAGE CHARGE	AVERAGE AGE
5990 Urinary Tract Inf NOS	6	\$13,715	81
486 Pneumonia Organism NOS	4	\$74,448	55
49121 OCB w/Exacerbation	4	\$26,812	75



Outpatient Surgery Rates

- This is also known as Ambulatory Surgery, which “refers to surgical and nonsurgical procedures performed on an ambulatory basis in a hospital or freestanding center’s operating rooms, and other specialized rooms.”
- Nationally, only 57.2% of ambulatory surgery visits are hospital-based
- Western states have 32% fewer visits compared to the country as a whole
- Non-Metro areas have 14.5% fewer visits compared to the country as a whole

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of Ambulatory Surgery Visits

Lakeview Service Area

	<15	15-44	45-64	65-74	75+
Population:	865	1,688	1,764	667	841

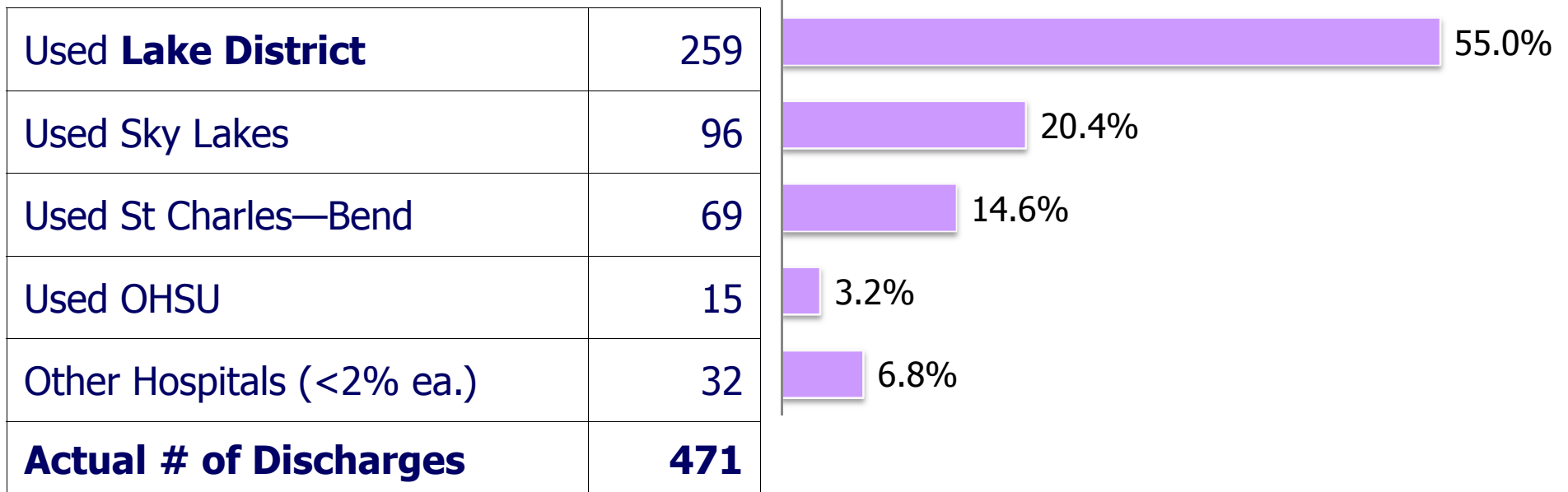
5825

	ICD-9-CM	<15	15-44	45-64	65-74	75+	Total
Infectious and Parasitic Diseases	001-139	-	-	1	-	-	1
Neoplasms	140-239	1	5	35	27	27	95
Endocrine, Nutritional, Immunity	240-279	-	1	2	1	-	5
Diseases of the Nervous System and Sense Organs	320-389	10	6	29	46	74	165
Diseases of the Circulatory System	390-459	-	3	20	12	12	48
Diseases of the Respiratory System	460-519	8	5	5	3	2	23
Diseases of the Digestive System	520-579	5	22	63	44	44	177
Diseases of the Genitourinary System	580-629	2	15	25	13	12	67
Complications of Pregnancy, Childbirth	630-676		4				4
Diseases of the Skin and Subcutaneous Tissue	680-709	1	3	6	-	2	12
Diseases of the Musculoskeletal Sys & Connective Tissue	710-739	1	18	48	21	22	110
Congenital Anomalies	740-759	2	2	-	-	-	4
Symptoms, Signs, and Ill-Defined Conditions	780-799	-	5	12	7	7	31
Injury and Poisoning	800-999	2	10	20	10	8	50
Supplementary Classifications	V01-V82	1	10	33	18	17	80
Misc Diseases	280-319,760-779	-	1	2	2	3	7
TOTAL Estimated Ambulatory Surgery Visits							879

Ambulatory Surgery in the United States, 2006; National Health Statistics Reports *No. 11*, Sept 4, 2009

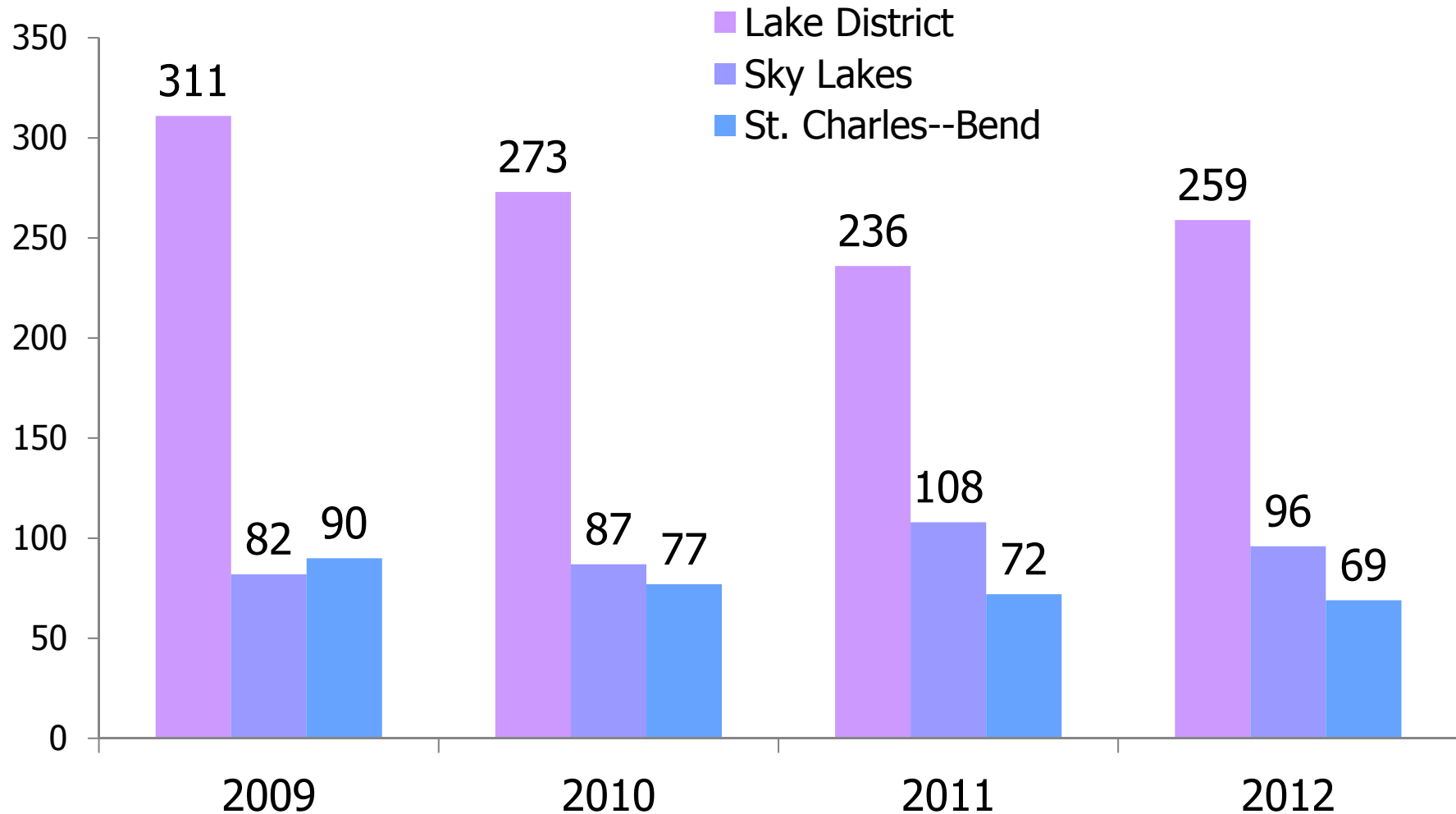
$879 - 32\% \text{ (western adjustment)} = 598 - 14.5\% \text{ (non-metro adj)} = 511$

Lakeview Service Area Outpatient Surgery Discharges



- 94 of the Outpatient Surgery Discharges at Sky Lakes were clinic referrals.
- 1 Outpatient Surgery Discharge at St. Charles-Bend was a Transfer from another hospital. 65 were from clinic referrals.

Lakeview SA Outpatient Surgery Discharges per Year (2009-2012)



COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of Ambulatory Surgery Visits

North Lake Service Area

	<15	15-44	45-64	65-74	75+
Population:	388	640	675	240	151

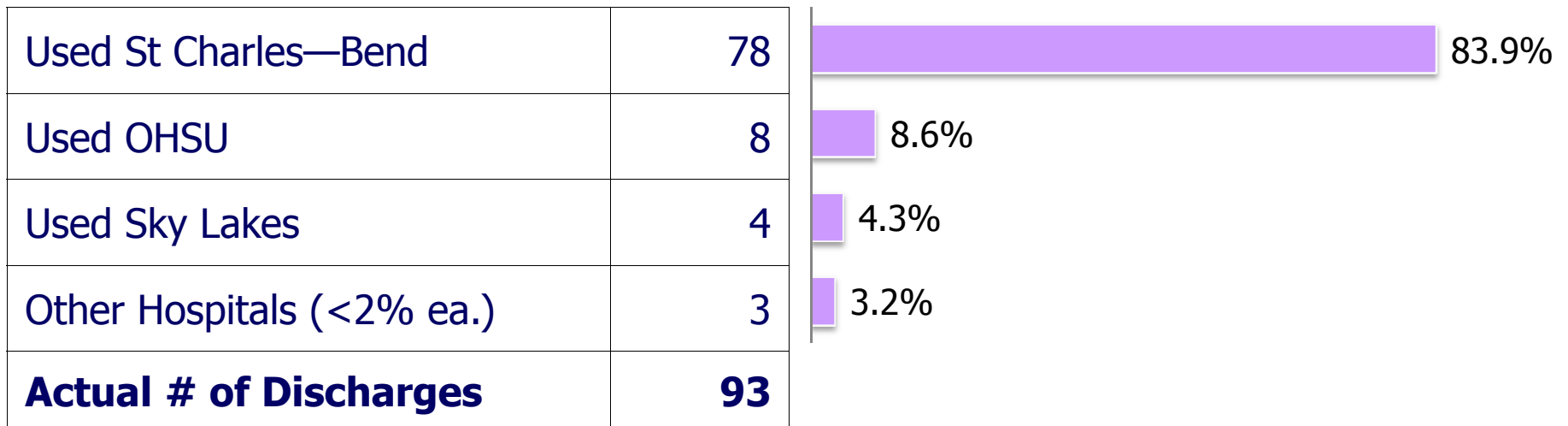
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	ICD-9-CM	<15	15-44	45-64	65-74	75+	Total
Infectious and Parasitic Diseases	001-139	-	-	0	-	-	0
Neoplasms	140-239	0	2	13	10	5	30
Endocrine, Nutritional, Immunity	240-279	-	0	1	0	-	2
Diseases of the Nervous System and Sense Organs	320-389	5	2	11	17	13	48
Diseases of the Circulatory System	390-459	-	1	8	4	2	16
Diseases of the Respiratory System	460-519	4	2	2	1	0	9
Diseases of the Digestive System	520-579	2	8	24	16	8	58
Diseases of the Genitourinary System	580-629	1	6	9	5	2	23
Complications of Pregnancy, Childbirth	630-676		2				2
Diseases of the Skin and Subcutaneous Tissue	680-709	0	1	2	-	0	4
Diseases of the Musculoskeletal Sys & Connective Tissue	710-739	0	7	18	8	4	37
Congenital Anomalies	740-759	1	1	-	-	-	1
Symptoms, Signs, and Ill-Defined Conditions	780-799	-	2	5	2	1	10
Injury and Poisoning	800-999	1	4	8	3	1	17
Supplementary Classifications	V01-V82	0	4	13	6	3	27
Misc Diseases	280-319,760-779	-	0	1	1	1	2
TOTAL Estimated Ambulatory Surgery Visits							287

Ambulatory Surgery in the United States, 2006; National Health Statistics Reports *No. 11*, Sept 4, 2009

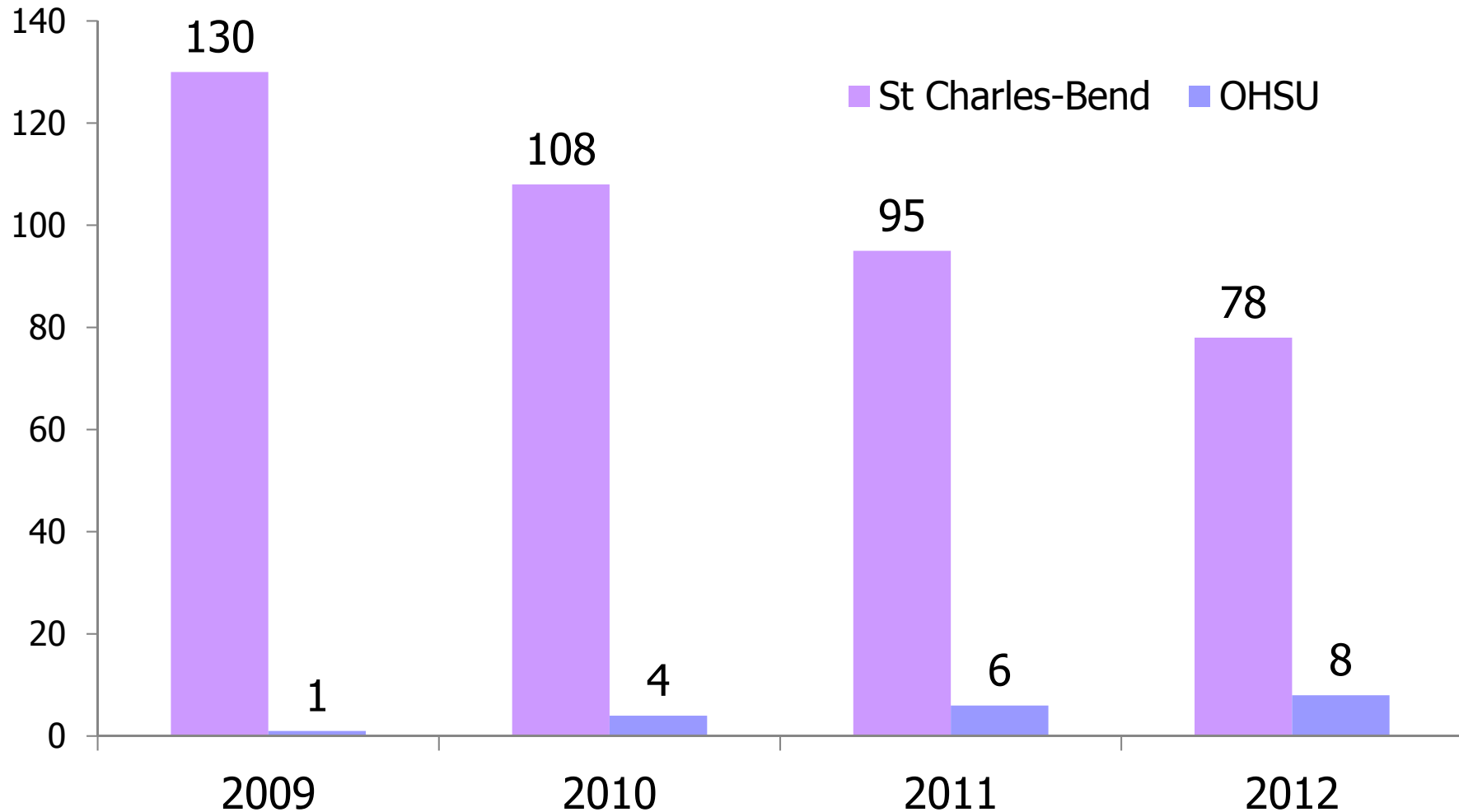
287 – 32% (western adjustment) = 195 – 14.5% (non-metro adj) = 181

North Lake Service Area Outpatient Surgery Discharges



- 72 of the Outpatient Surgery Discharges at St. Charles-Bend were clinic referrals.

North Lake SA Outpatient Surgery Discharges per Year (2009-2012)



Outpatient Surgery Procedures



- Each discharge can have multiple procedures
- Procedure estimates are for ALL (not just principal) procedures
- Nationally, only 57.7% of ambulatory surgery procedures are hospital-based
- Western states have 29.4% fewer procedures compared to the country as a whole
- Non-Metro areas have 15.3% fewer procedures compared to the country as a whole

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of ALL (principal and non-principal) Ambulatory Procedures

Lakeview Service Area

	<15	15-44	45-64	65-74	75+
Population:	865	1,688	1,764	667	841

5825

	ICD-9-CM	<15	15-44	45-64	65-74	75+	Total
Operations on the Nervous System	01-05	0	12	33	15	22	82
Operations on the Eye	08-16	1	4	39	81	127	252
Operations on the Ear	18-20	12	2	1	1	2	18
Operations on the Nose, Mouth, and Pharynx	21-29	15	13	15	6	4	52
Operations on the Respiratory System	30-34	0	1	4	3	4	12
Operations on the Cardiovascular System	35-39	0	2	14	10	14	41
Operations on the Digestive System	42-54	0	38	152	103	90	383
Operations on the Urinary System	55-59	0	5	15	13	16	49
Operations on the Male Genital Organs	60-64	2	2	3	4	3	15
Operations on the Female Genital Organs	65-71	0	22	16	4	3	45
Operations on the Musculoskeletal System	76-84	4	35	87	31	22	179
Operations on the Integumentary System	85-86	2	16	33	15	16	83
Diagnostic and Therapeutic Procedures	87-99	3	20	59	35	39	156
Miscellaneous Other Procedures	06-07,40-41,72-75	0	1	3	3	2	9
TOTAL Estimated Ambulatory Procedures							1377

Ambulatory Surgery in the United States, 2006; National Health Statistics Reports *No. 11*, Sept 4, 2009

1377 – 29.4% (western adjustment)= 972 – 15.3% (non-metro adj) = 823

Top Outpatient Surgery CPT Principal Procedures in Lakeview SA



LAKEVIEW OUTPATIENT PROCEDURES	NUMBER OF PROCEDURES	AVERAGE CHARGE	AVERAGE AGE
45378 Diagnostic Colonoscopy	48	\$4,184	61
45380 Colonoscopy and Biopsy	42	\$4,223	62
43235 Upper GI Endoscopy Diagnosis	24	\$4,052	59
43239 Upper GI Endoscopy Biopsy	11	\$4,197	52
47562 Laparoscopic Cholecystectomy	11	\$12,683	48
49505 PRP I/Hern Init Reduc >5 Yr	11	\$6,055	65

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of ALL (principal and non-principal) Ambulatory Procedures

North Lake Service Area

	<15	15-44	45-64	65-74	75+
Population:	388	640	675	240	151

2094

	ICD-9-CM	<15	15-44	45-64	65-74	75+	Total
Operations on the Nervous System	01-05	0	5	13	5	4	26
Operations on the Eye	08-16	1	1	15	29	23	69
Operations on the Ear	18-20	5	1	1	0	0	7
Operations on the Nose, Mouth, and Pharynx	21-29	7	5	6	2	1	20
Operations on the Respiratory System	30-34	0	0	2	1	1	4
Operations on the Cardiovascular System	35-39	0	1	5	4	3	12
Operations on the Digestive System	42-54	0	14	58	37	16	126
Operations on the Urinary System	55-59	0	2	6	5	3	15
Operations on the Male Genital Organs	60-64	1	1	1	1	1	5
Operations on the Female Genital Organs	65-71	0	8	6	1	0	16
Operations on the Musculoskeletal System	76-84	2	13	33	11	4	64
Operations on the Integumentary System	85-86	1	6	13	6	3	28
Diagnostic and Therapeutic Procedures	87-99	2	7	23	13	7	51
Miscellaneous Other Procedures	06-07,40-41,72-75	0	0	1	1	0	3
TOTAL Estimated Ambulatory Procedures							448

Ambulatory Surgery in the United States, 2006; National Health Statistics Reports *No. 11*, Sept 4, 2009

$448 - 29.4\% \text{ (western adjustment)} = 419 - 15.3\% \text{ (non-metro adj)} = 354$

Top Outpatient Surgery CPT Principal Procedures in North Lake SA

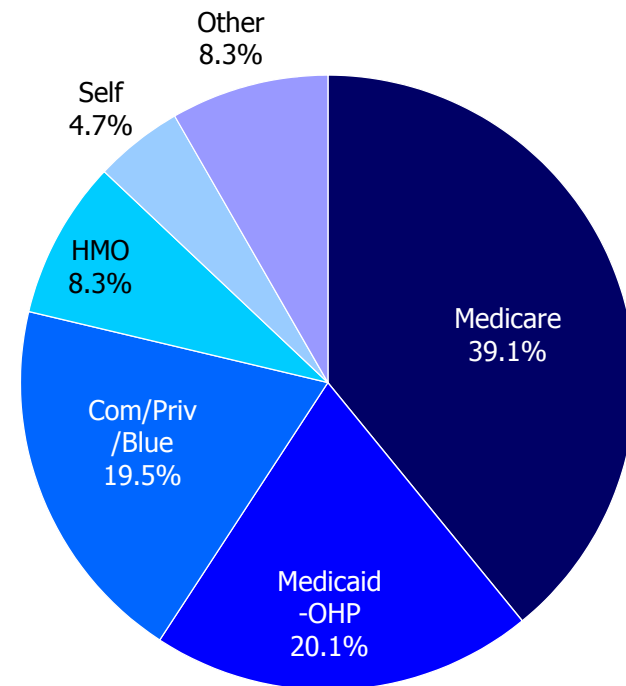
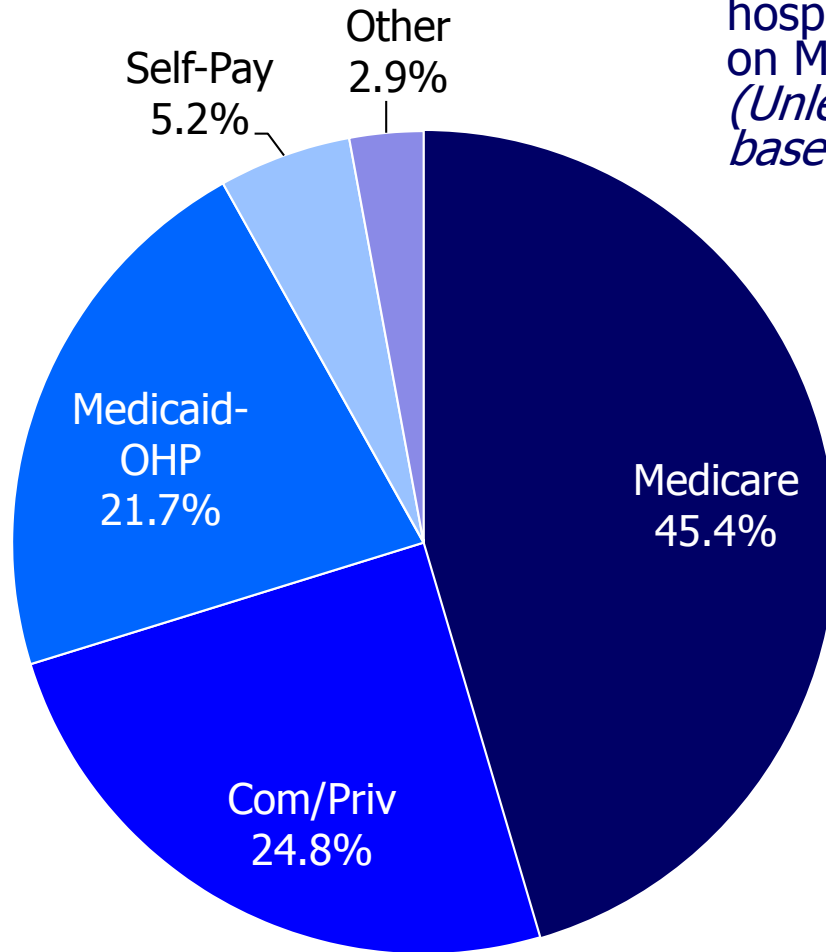


NORTH LAKE OUTPATIENT PROCEDURES	NUMBER OF PROCEDURES	AVERAGE CHARGE	AVERAGE AGE
66984 Cataract Surg w/IOL 1 Stage	6	\$6,055	66
36415 Routine Venipuncture	5	\$898	71
93458 L Hrt Artery/Ventricle Angio	4	\$15,289	59
43239 Upper GI Endoscopy Biopsy	4	\$3,929	56

Lake District Hospital Inpatient Payer Mix (from All Areas)

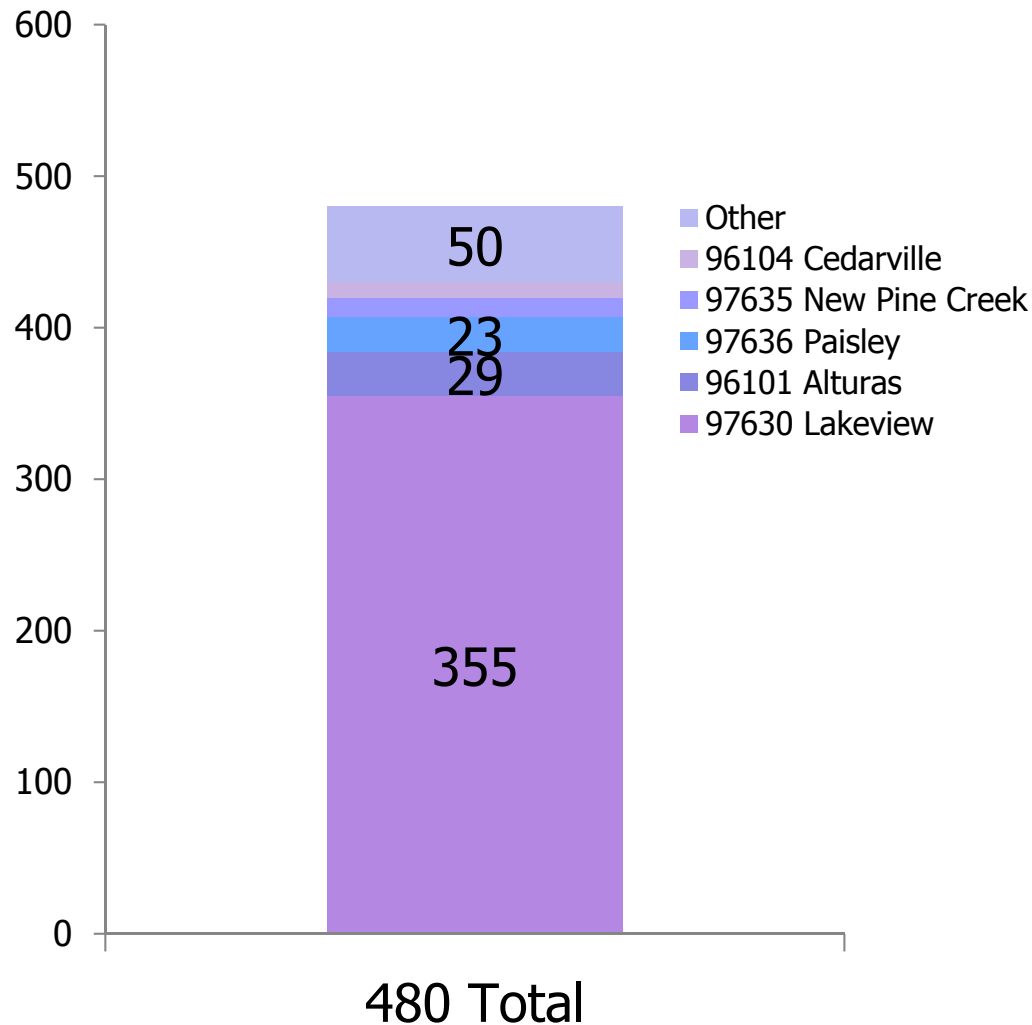


- Payer mix is crucial to the financial health of a hospital. You do not want to be overly dependent on Medicare and Medicaid as sources of revenue. *(Unless you are a CAH-In that case you get cost-based reimbursement for Medicare and Medicaid)*



PAYER MIX OF ALL OREGON INPATIENTS

Origin of All Inpatients at Lake District Hospital



- Lake District Hospital gets 74% of its inpatient volume from 97630 Lakeview.

Estimates of Emergency Room Visits

Lakeview Service Area

Age	Population		Rate per 100	# of ER Visits
MALES				
<15	454	x	39.3	178
15-24	343	x	37.7	129
25-44	542	x	36.5	198
45-64	855	x	31.7	271
65-74	314	x	36.3	114
>74	344	x	56.4	194
FEMALES				
<15	411	x	33.9	139
15-24	276	x	54.0	149
25-44	527	x	45.4	239
45-64	909	x	32.7	297
65-74	353	x	36.0	127
>74	497	x	65.7	327
TOTALS	5,825			2,363

National Hospital Ambulatory Medical Care Survey: 2007 Emergency Department Summary,
National Health Statistics Reports No. 26, Aug 6, 2010

Estimates of Emergency Room Visits

North Lake Service Area

Age	Population		Rate per 100	# of ER Visits
MALES				
<15	192	x	39.3	75
15-24	123	x	37.7	46
25-44	206	x	36.5	75
45-64	349	x	31.7	111
65-74	127	x	36.3	46
>74	76	x	56.4	43
FEMALES				
<15	196	x	33.9	66
15-24	104	x	54.0	56
25-44	207	x	45.4	94
45-64	326	x	32.7	107
65-74	113	x	36.0	41
>74	75	x	65.7	49
TOTALS	2,094			810

National Hospital Ambulatory Medical Care Survey: 2007 Emergency Department Summary,
National Health Statistics Reports No. 26, Aug 6, 2010

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of Non-Motor Vehicle Ambulance Calls

Lakeview Service Area

Age	Population	# of Calls per 1,000	Total Calls in Each Age Group
0 to 4	259	21.4	6
5 to 9	285	8.1	2
10 to 14	321	13.6	4
15 to 19	398	25.5	10
20 to 24	221	29.9	7
25 to 34	457	30.4	14
35 to 44	612	32.7	20
45 to 54	872	39.0	34
55 to 64	892	57.3	51
65 to 74	667	99.8	67
75 +	841	264.4	222
	5825	TOTAL	437

Calls per 1000 based on average of 1999-2001 actual non-motor vehicle ambulance calls in Non-Metro counties only. Illinois Department of Public Health, Division of Emergency Medical Services and Highway Safety (EMS) data reporting system.

COMMUNITY HEALTH IMPROVEMENT PARTNERSHIP

Estimates of Non-Motor Vehicle Ambulance Calls

North Lake Service Area

Age	Population	# of Calls per 1,000	Total Calls in Each Age Group
0 to 4	117	21.4	3
5 to 9	125	8.1	1
10 to 14	146	13.6	2
15 to 19	152	25.5	4
20 to 24	75	29.9	2
25 to 34	164	30.4	5
35 to 44	249	32.7	8
45 to 54	323	39.0	13
55 to 64	352	57.3	20
65 to 74	240	99.8	24
75 +	151	264.4	40
	2094	TOTAL	121

Calls per 1000 based on average of 1999-2001 actual non-motor vehicle ambulance calls in Non-Metro counties only. Illinois Department of Public Health, Division of Emergency Medical Services and Highway Safety (EMS) data reporting system.

Actual EMS Calls vs. Predictions



- This data does NOT include responses to Motor Vehicle Accidents (MVA), or ATV. Remember that Crashes are NOT Accidents.

Service Area	Predicted	Actual
Lakeview	437	
North Lake	121	