

# **STATE REPORTING OF HOSPITAL INPATIENT DATA AT A FACILITY LEVEL**

Health Information Systems Act Advisory Committee Meeting

July 21, 2016

# WASHINGTON STATE

- Hospital Census and Charge Comparison Annual Report
  - Number of Discharges
  - Total Charges
  - Mean LOS
  - Mean Charge per Discharge
  - Mean Charge per Day
- Hospital Payer Census and Charge Comparison Annual Report
  - Number of Discharges by Payer Type
  - Total Charges by Payer Type
  - Mean Charge per Discharge by Payer Type
  - Mean Charge per Day by Payer Type

**Washington State Department of Health**  
**Department of Health Chars Reporting System**  
**Hospital Census & Charge Comparison From 01/01/2015 to 12/30/2015**

Hospital Name	Type	LIC	Dis-charges	Total Days	Total Charges	Mean LOS	Mean Charge per Discharge	Mean Charge per Day	Case-mix Adj Charge per	Casemi x Index	Count of Weights	Sum of Weights
Capital Medical Center	Acute Care	197	5,222	15,353	235,207,108.00	2.94	45,041.58	15,319.94	40,470.11	1.1130	5,219	5,808.53
Capital Medical Center	Total		5,222	15,353	235,207,108.00	2.94	45,041.58	15,319.94	40,470.11	1.1130	5,219	5,808.53
Cascade Behavioral Hospital	Psychiatric	921	2,113	23,548	32,908,050.00	11.14	15,574.09	1,397.49	29,345.86	0.5307	2,112	1,120.86
Cascade Behavioral Hospital	Total		2,113	23,548	32,908,050.00	11.14	15,574.09	1,397.49	29,345.86	0.5307	2,112	1,120.86
Cascade Medical Center	Acute Care	158	74	233	659,801.31	3.15	8,916.23	2,831.77	15,839.75	0.5629	55	30.96
Cascade Medical Center	Swing Bed Unit	158S	72	1,123	2,331,954.31	15.60	32,388.25	2,076.54	53,220.15	0.6086	48	29.21
Cascade Medical Center	Total		146	1,356	2,991,755.62	9.29	20,491.48	2,206.31	35,077.03	0.5842	103	60.17
Cascade Valley Hospital and Clinics	Acute Care	106	1,742	5,520	38,108,048.62	3.17	21,876.03	6,903.63	29,932.86	0.7308	1,741	1,272.39
Cascade Valley Hospital and Clinics	Total		1,742	5,520	38,108,048.62	3.17	21,876.03	6,903.63	29,932.86	0.7308	1,741	1,272.39
Columbia Basin Hospital	Acute Care	045	126	343	838,658.55	2.72	6,656.02	2,445.07	11,259.52	0.5911	126	74.48
Columbia Basin Hospital	Swing Bed Unit	045S	117	2,402	1,734,132.74	20.53	14,821.65	721.95	16,957.26	0.8741	117	102.26
Columbia Basin Hospital	Total		243	2,745	2,572,791.29	11.30	10,587.62	937.26	14,556.16	0.7274	243	176.75
Columbia County Health System	Acute Care	141	70	198	545,942.01	2.83	7,799.17	2,757.28	13,279.57	0.5873	61	35.83
Columbia County Health System	Swing Bed Unit	141S	52	578	805,975.40	11.12	15,499.53	1,394.42	23,558.50	0.6579	39	25.66
Columbia County Health System	Total		122	776	1,351,917.41	6.36	11,081.29	1,742.16	18,022.92	0.6148	100	61.48
Confluence Health/Central Washington Hospital	Acute Care	168	12,242	44,233	389,841,861.50	3.61	31,844.62	8,813.37	29,052.10	1.0961	12,239	13,415.43
Confluence Health/Central Washington Hospital	Total		12,242	44,233	389,841,861.50	3.61	31,844.62	8,813.37	29,052.10	1.0961	12,239	13,415.43
Confluence Health/Wenatchee Valley Hospital & Clinics	Acute Care	205	159	577	2,719,479.37	3.63	17,103.64	4,713.14	14,873.19	1.1500	159	182.84
Confluence Health/Wenatchee Valley Hospital & Clinics	Rehabilitation Unit	205R	128	1,810	4,264,139.71	14.14	33,313.59	2,355.88	27,974.17	1.1909	128	152.43
Confluence Health/Wenatchee Valley Hospital & Clinics	Total		287	2,387	6,983,619.08	8.32	24,333.17	2,925.69	20,829.48	1.1682	287	335.28
Coulee Medical Center	Acute Care	150	380	1,017	3,565,609.76	2.68	9,383.18	3,506.01	18,875.58	0.4971	380	188.90
Coulee Medical Center	Swing Bed Unit	150S	62	678	1,123,263.97	10.94	18,117.16	1,656.73	32,251.77	0.5617	62	34.83
Coulee Medical Center	Total		442	1,695	4,688,873.73	3.83	10,608.31	2,766.30	20,957.86	0.5062	442	223.73
Deaconess Hospital/Rockwood Health System	Acute Care	037	12,241	62,916	687,354,353.00	5.14	56,151.81	10,924.95	50,159.67	1.1195	12,241	13,703.33

# OREGON

- Acute Care Hospitals Quarterly Reports (by Facility)
  - Number of Discharges
  - Net Patient Revenue
  - Uncompensated Care (Combination of Bad Debt and Charity Care)
  - Number of ED Visits
  - Medicaid Percentage of Total Payments
- Financial Reports (by Facility)
  - Operating Revenues
  - Net Patient Revenues
  - Operating Expenses
- Oregon has an APCD

<https://www.oregon.gov/oha/analytics/Pages/Hospital-Reporting.aspx>

**Net Patient Revenue** is the amount a hospital expects to receive for services after accounting for contractual allowances to third party payers and for uncompensated care. This includes payments made for providing health care, such as surgeries, emergency services, lab tests, imaging, etc.

Net patient revenue is calculated by taking the total amount of money billed for patient care (gross patient revenue) and subtracting uncompensated care and contractual amounts.

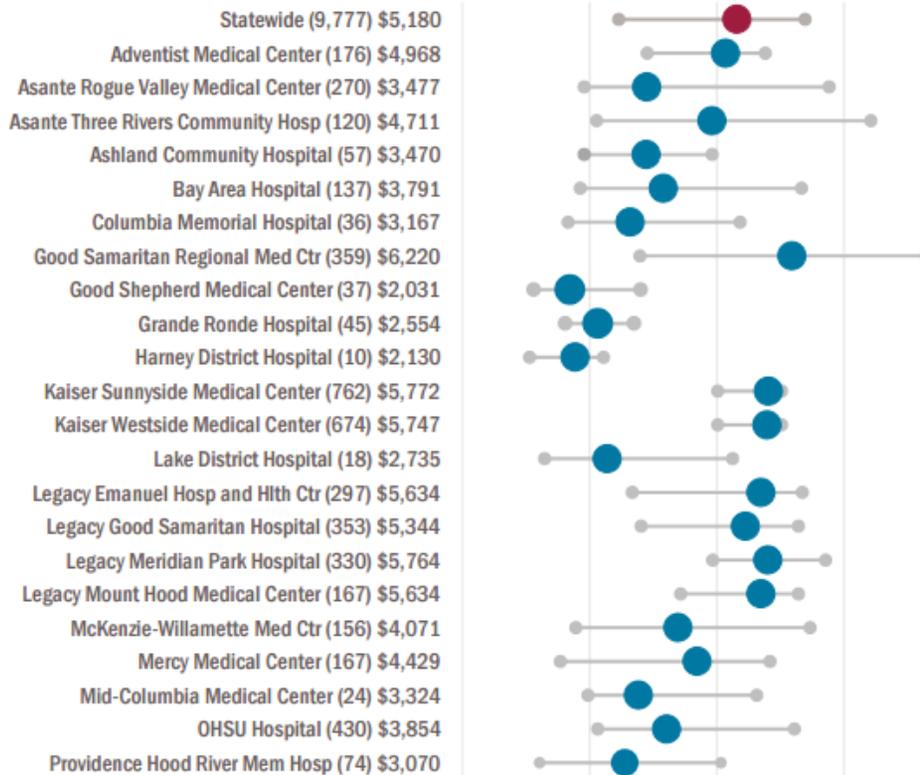
Hospital Name	Q1-3 2011	Q1-3 2012	Q1-3 2013	Q1-3 2014	Q1-3 2015
OHSU Hospital	\$781,473,976	\$855,103,883	\$913,403,818	\$994,783,513	\$1,119,626,919
Providence St Vincent Med Ctr	\$548,450,000	\$569,225,000	\$581,346,000	\$585,486,221	\$586,221,015
Providence Portland Med Center	\$440,071,000	\$442,850,000	\$443,302,000	\$445,736,411	\$484,577,876
Legacy Emanuel Med Center	\$348,532,200	\$370,814,091	\$387,457,393	\$444,359,511	\$450,003,809
Salem Hospital	\$391,806,457	\$372,198,599	\$405,216,188	\$443,777,965	\$475,220,426
PeaceHealth Sacred Heart Riverbend	\$384,576,257	\$389,534,261	\$394,143,773	\$436,791,989	\$456,178,279
St Charles - Bend	\$263,207,138	\$283,879,488	\$296,797,447	\$331,190,509	\$357,843,541
Asante Rogue Med Center	\$258,215,819	\$287,066,068	\$286,986,514	\$308,752,590	\$341,721,112
Good Samaritan Regional Med Ctr	\$233,105,000	\$233,276,844	\$228,427,547	\$236,897,098	\$268,560,498
Adventist Med Center	\$180,538,258	\$194,304,077	\$206,540,716	\$215,881,878	\$216,497,773
Legacy Good Samaritan Med Ctr	\$200,350,015	\$207,427,188	\$206,073,487	\$214,485,442	\$237,375,385
Legacy Meridian Park Med Center	\$117,597,540	\$125,687,962	\$135,682,338	\$145,457,348	\$160,323,351
Sky Lakes Med Center	\$112,625,285	\$121,597,691	\$124,908,468	\$141,144,468	\$152,979,993
Mercy Med Center	\$119,509,868	\$132,983,071	\$130,179,776	\$139,712,633	\$155,548,572
Providence Medford Med Center	\$120,294,000	\$118,112,000	\$117,346,000	\$132,992,000	\$123,892,197
Tuality Healthcare	\$117,788,604	\$115,071,168	\$111,327,402	\$120,887,770	\$117,129,834
Samaritan Albany Hospital	\$80,946,221	\$85,393,598	\$106,036,888	\$113,205,437	\$125,557,093
Bay Area Hospital	\$91,934,061	\$92,200,894	\$97,608,350	\$108,180,412	\$117,343,716
McKenzie-Willamette Med Ctr	\$84,356,755	\$92,254,568	\$99,181,329	\$106,802,537	\$132,926,647
Asante Three Rivers Med Center	\$100,566,505	\$94,830,955	\$90,419,995	\$100,214,636	\$108,304,508
Legacy Mt Hood Med Center	\$75,803,954	\$73,405,534	\$84,242,429	\$94,628,135	\$103,189,874
Providence Willamette Falls	\$62,802,153	\$66,415,148	\$67,363,295	\$84,215,203	\$87,817,552
PeaceHealth Sacred Heart University	\$63,991,017	\$68,167,014	\$65,394,616	\$71,844,124	\$79,141,244
Willamette Valley Med Ctr	\$65,926,222	\$64,212,462	\$63,705,664	\$69,140,494	\$69,705,090
Providence Milwaukie Hospital	\$66,502,000	\$63,087,000	\$62,788,000	\$67,168,878	\$69,091,078
Shriners	NA	NA	NA	\$10,500,343	\$9,427,094
Kaiser Westside Med Ctr	NA	NA	NA	NA	NA
Kaiser Sunnyside Med Center	NA	NA	NA	NA	NA
Good Shepherd Med Center <sup>†</sup>	\$53,268,699	\$53,576,162	\$55,578,560	\$59,750,869	\$65,266,322
Grande Ronde Hospital <sup>†</sup>	\$43,943,584	\$49,116,273	\$50,198,236	\$52,761,194	\$56,872,825
St Anthony Hospital <sup>†</sup>	\$37,245,432	\$39,858,224	\$37,035,930	\$47,151,071	\$45,584,960
Tillamook County Gen Hospital <sup>†</sup>	\$38,168,403	\$39,241,217	\$39,601,122	\$45,885,262	\$54,563,747
St Alphonsus Med Ctr-Ontario	\$41,809,571	\$42,025,841	\$41,682,285	\$43,537,261	\$48,166,779
St Alphonsus Med Ctr-Baker City <sup>†</sup>	\$19,806,483	\$22,821,597	\$22,628,269	\$23,987,541	\$21,734,782
Curry General Hospital <sup>**</sup>	\$15,269,313	\$19,527,669	\$17,970,558	\$22,172,813	\$25,025,426
Lake District Hospital <sup>**</sup>	\$10,580,552	\$12,192,607	\$13,127,249	\$15,015,561	\$16,567,960
Harney District Hospital <sup>**</sup>	\$10,461,245	\$12,453,593	\$11,616,866	\$14,639,799	\$16,188,958
Blue Mountain Hospital <sup>**</sup>	\$12,001,730	\$11,845,307	\$10,957,585	\$12,392,367	\$14,270,528
Wallowa Memorial Hospital <sup>**</sup>	\$10,995,544	\$13,465,087	\$12,218,321	\$12,126,334	\$13,567,381
Pioneer Memorial Heppner <sup>**</sup>	\$4,513,988	\$4,977,818	\$5,514,398	\$5,370,696	\$6,251,147

DRG Hospitals

Type A Hospitals

## Vaginal Delivery - Inpatient

Vaginal delivery of a baby without complications is a term to describe a traditional delivery of a baby. Without complications means that no medical or surgical intervention was needed to deliver the child. The charges incurred include the cost to deliver the child and the care of the mother after delivery. Charges to care for the delivered baby are often billed separately. This is because when a child is born in a hospital, they are often admitted as a patient once they are delivered.



### Diagnostic Imaging

Arthrogram  
Bone Scan  
CT scan  
DEXA  
Echocardiograph  
Liver scan  
Mammogram  
MRI scan  
Ultrasound  
X Ray

### Diagnostic Procedures

Breast Biopsy  
Electrocardiogram  
Heart Stress Test  
Mobile Heart Monitoring  
Spinal Tap

### Surgical Procedures

Appendectomy  
Cataract  
Central Line  
Colonoscopy  
Coronary Bypass  
Upper Endoscopy  
Gallbladder  
Gastroenterostomy  
Heart Catheterization  
Heart Valve Repair  
Hernia  
Hip Replacement  
Hysterectomy  
Kidney Removal

### Surgical Procedures

Knee Replacement  
Knee Repair  
Mastectomy  
Fracture Repair  
Percutaneous Drain  
PTCA  
Sigmoidectomy  
Spinal Fusion  
Spinal Reduction  
Tonsillectomy

### Medical Treatments

Chemotherapy  
Blood Transfusion  
Radiation Therapy  
Spine Injection

### Pregnancy

Ultrasound  
Cesarean Section Delivery  
Vaginal Delivery  
Well Baby Care

# ARIZONA

- Hospital Compare (2011 and 2012 Data)
  - By facility, can choose a specific condition or procedure (AHRQ CCS Classifications)
    - Number of Discharges
    - Median Charges (what the hospital charges for its services)
    - Median Costs (what it costs the hospital to provide the services)
    - Median LOS in Days
  - Mean Costs
    - Used cost-to-charge ratios (using CMS formulas) to calculate costs.



Neither equates to what the hospital is paid in the end



# 2012 AZ Hospital Compare

- Home
- Hospital Quality
- Care, Costs & Charges
- Avoidable Stays
- County Rates
- Resources

Home > Care, Costs & Charges > Inpatient Hospital Utilization >

## Care, Costs & Charges

### Choose Hospitals <sup>?</sup>

- By Hospital
- By ZIP Code
- By Region
- All Combined

Please select a hospital:

- All Hospitals-
- ARIZONA HEART HOSPITAL
- ARIZONA ORTHOPEDIC SURGICAL HOSPITAL
- ARIZONA REGIONAL MEDICAL CENTER
- ARIZONA REGIONAL MEDICAL CENTER - Apache Junction
- ARIZONA SPINE AND JOINT HOSPITAL
- ARROWHEAD HOSPITAL
- AURORA BEHAVIORAL HEALTH SYSTEM
- AURORA BEHAVIORAL HEALTHCARE - TEMPE
- BANNER BAYWOOD MEDICAL CENTER
- BANNER BEHAVIORAL HEALTH HOSPITAL
- BANNER BOSWELL MEDICAL CENTER

### Choose Conditions or Procedures <sup>?</sup>

- By MDC
- By DRG
- By Condition
- By Procedure
- By All Discharges Combined

Please select a condition:

Search:

- 117 Other circulatory (blood vessel) disease
- 118 Phlebitis, thrombophlebitis and thromboembolism (inflammation and blood clots in the veins)
- 119 Varicose veins in lower extremity (leg)
- 120 Hemorrhoids
- 121 Other diseases of veins and lymph system
- DISEASES OF THE RESPIRATORY SYSTEM**
- 122 Pneumonia
- 123 Influenza**
- 124 Tonsillitis
- 125 Acute bronchitis
- 126 Other infections of upper respiratory tract (nose, throat, trachea)

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2012 Data in Arizona



# 2012 AZ Hospital Compare

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 Statistics by hospital for Influenza (DXCCS 123) in Arizona, 2012 >

## Statistics by hospital for Influenza (DXCCS 123) in Arizona, 2012 ?

Use the Edit menu to Copy and Paste to another application.

Hospital Name	County	Number of discharges (all-listed)	Number of discharges (principal)	Median charges in dollars**	Median costs in dollars**	Median length of stay in days**
TOTAL U.S. in 2011 (standard error)*	--	41,567 (1,727)	41,567 (1,727)	\$13,815	\$4,577	3.0
WEST U.S. in 2011 (standard error)*	--	5,957 (551)	5,957 (551)	\$16,513	\$4,836	3.0
<b>ALL HOSPITALS IN ARIZONA</b>	--	<b>1,072</b>	<b>494</b>	<b>\$19,760</b>	<b>\$5,282</b>	<b>3.0</b>
ARIZONA HEART HOSPITAL	Maricopa County	c	c	c	-	c
ARROWHEAD HOSPITAL	Maricopa County	6	c	c	c	c
AURORA BEHAVIORAL HEALTH SYSTEM	Maricopa County	c	c	-	-	-
AURORA BEHAVIORAL HEALTHCARE - TEMPE	Maricopa County	c	c	-	-	-
BANNER BAYWOOD MEDICAL CENTER	Maricopa County	7	c	c	c	c
BANNER BEHAVIORAL HEALTH HOSPITAL	Maricopa County	c	c	-	-	-
BANNER BOSWELL MEDICAL CENTER	Maricopa County	26	11	\$30,676	\$6,384	3.0
BANNER DEL E WEBB MEDICAL CENTER	Maricopa County	9	c	c	c	c
BANNER DESERT MEDICAL CENTER	Maricopa County	65	29	\$11,518	\$3,577	2.0
BANNER ESTRELLA MEDICAL CENTER	Maricopa County	61	20	\$29,701	\$6,347	3.0
BANNER GATEWAY MEDICAL CENTER	Maricopa County	13	c	c	c	c

# TEXAS

- Annual Report with no Facility Level Information
  - Data provided by Payer Type, Age, Public Health Region, Sex
  - Total Charge data provided by demographics
  - Provides data on most common procedures and primary diagnoses
  - Most recent report: 2013

**Table 4.1 Number and percent of charges by patient age, gender, public health region, and payer, 2013**

<b>Characteristic</b>	<b>Mean charges per stay, \$</b>	<b>Aggregate, millions \$</b>	<b>% of Aggregated charges</b>
All hospital stays	<b>43,720</b>	<b>127,228</b>	<b>100.0</b>
Patient age, years			100.0
<1	19,505	8,039	6.3
1-17	38,387	5,847	4.6
18-44	30,102	24,195	19.0
45-64	57,520	38,881	30.6
65-84	60,645	42,006	33.0
85+	47,692	8,260	6.5
Other/Missing	9,881	0	0.0
Patient gender			100.0
Male	50,607	54,150	42.6
Female	38,985	63,705	50.1
Other/Missing	45,511	9,373	7.4
Primary payer			100.0
Medicare	57,970	57,004	44.8
Medicaid	29,848	17,037	13.4
Private insurance	40,323	29,742	23.4
Uninsured	35,829	11,735	9.2
Other/Missing	40,271	11,710	9.2
Patient (PHR) region			100.0
1	41,178	3,969	3.1
2	41,138	2,663	2.1
3	41,360	30,175	23.7
4	47,523	6,486	5.1
5	47,295	4,573	3.6
6	45,161	30,438	23.9
7	41,531	12,823	10.1
8	41,992	12,237	9.6
9	34,689	2,334	1.8
10	50,712	4,680	3.7
11	45,084	11,490	9.0
Other/Missing	54,920	5,360	4.2

# SUMMARY

- Current state reporting at a facility level is not useful
  - Data provided is at a high aggregate level that it is not useful at a procedural or health condition level.
  - What does this data tell us? How can it be used by the public?
- Given what is currently available, what should New Mexico publish?
  - Potential variables for reporting at a facility level (in next annual HIDD report):
    - Number of Discharges
    - Number of Deaths
    - Number of Readmissions
    - Number of Births
    - Proportion of Cesarean Deliveries to Vaginal Deliveries