



Q4 2017 HOSPITAL UTILIZATION AND FINANCIAL ANALYSIS



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4000 Kruse Way Place • Suite 100 • Lake Oswego, OR 97035 • Tel: (503) 479-6034 • www.apprisehealthinsights.com
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Q4 2017 HOSPITAL UTILIZATION AND FINANCIAL ANALYSIS

ABOUT THIS REPORT

This report aims to provide a quarterly analysis of the utilization and financial data submitted by Oregon's hospitals to the DATABANK program.

DATABANK is a state-mandated monthly hospital data program administered by Apprise Health Insights in collaboration with the Office for Oregon Health Policy and Research (OHPR). Please note that all DATABANK data are self-reported by the hospital and represent a twelve-month calendar year. Accuracy is the responsibility of the reporting hospitals.

Because this report's objective is to provide a complex dive into the data, the graphs and methods may change between reports. This forces only the most compelling stories to be exhibited. The determination of which graphs and stories to focus on is evaluated by hospital finance and data experts at Apprise.

Note: Kaiser Sunnyside and Kaiser Westside hospitals are excluded from this analysis due to the lack of financial data available in DATABANK.

LAYOUT INFORMATION

Aggregate vs Median

This report uses two statistics to report statewide hospital data: median and aggregate. Aggregate numbers sum up the entire amount for all hospitals into one number, where median only takes the number from the middle of the pack. Aggregate is useful when looking at the industry as a whole, such as the percent of Medicaid charges or the total number of patients visiting Emergency Departments in the state. Median is useful when outliers can be highly-influential on a statistic, such as a large hospital having a significant negative margin dragging down the statistic for the whole state. Apprise tries to conform to the Oregon Health Authority's Office of Health Analytics on the subject as much as possible: <https://www.oregon.gov/oha/analytics/Pages/Hospital-Reporting.aspx>

Trend vs Seasonal-Adjusted

Each metric in this report contains two graphs: a trend analysis and a seasonal-adjusted graph. The trend analysis is a simple line graph that shows how the metric has changed over time linearly. However, because many of these metrics tend to be affected largely by seasonal influences, the seasonal-adjusted graph shows a comparison of each quarter to the same quarter in the previous two years.



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QUICK STATS

1. **Operating Margins** continue to decrease to historic lows
2. **Medicaid Payer Mix** continues to decrease
3. **Medicare Payer Mix** continues to increase
4. **Charity Care** is at its highest level since Q1 2014
5. **Outpatient Visits** have increased sharply in the last three quarters of 2017

Notes for the Q4 2017 Report

-The numbers and figures in this report are based on a DATABANK download from March 7, 2018.

-Grande Ronde Hospital's data was not available at the time of report extraction. It has been filtered from all metrics on this report.

-The axes on many of the line graphs on this report have been adjusted to start from a non-zero number. Although this can distort the size of the relative shifts in the data, it is a better way to show minute fluctuations for metrics with little variation. The seasonal-adjusted graphs are included as bar graphs and will continue to stay anchored at zero. This way both the trend and relative size of it are displayed.



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OPERATING MARGIN

Measure of profitability from the reporting entity's operations

Median Operating Margin continues to decrease, both in overall trend and seasonally-adjusted (Figures 1 & 2). The Q4 2017 Margin of -0.8% is the lowest since Q1 2014, and the second-lowest since the DATABANK program began in 1993.

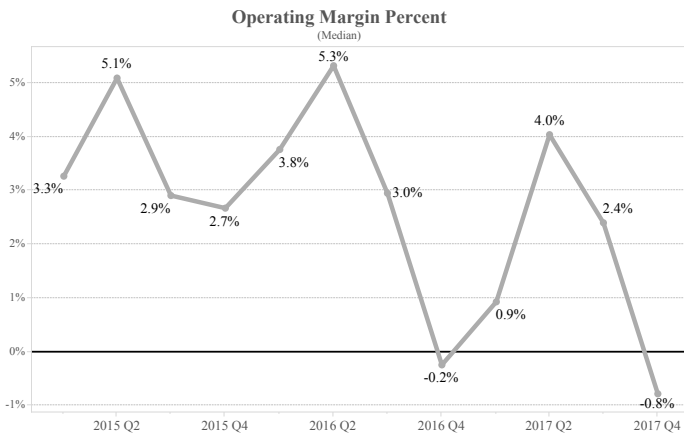


Figure 1

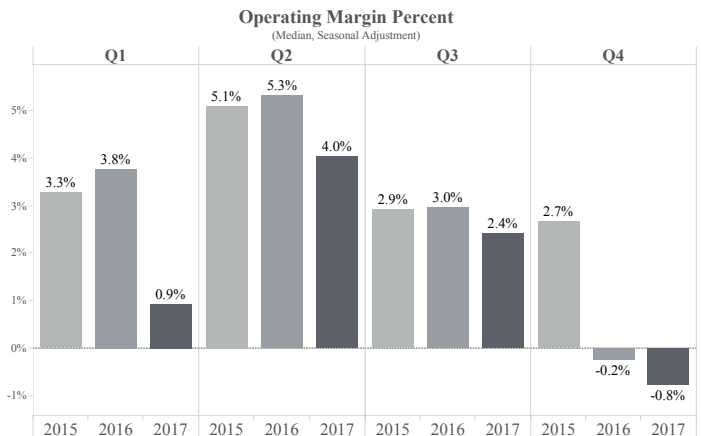


Figure 2

NET PATIENT REVENUE

The revenue the reporting entity generates from patient care

Aggregate Net Patient Revenue (NPR) increased from Q2 2017 as well as Q4 2017 (Figures 3 & 4). This follows the consistent trend of Net Patient Revenue increasing slowly over time.

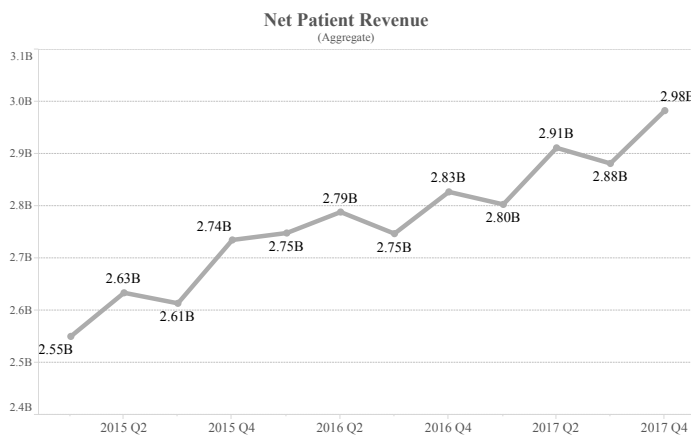


Figure 3

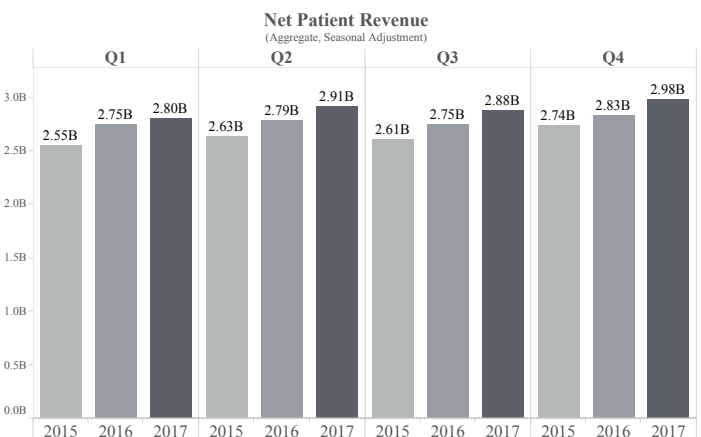


Figure 4



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MEDICAID PAYER MIX

The amount of total charges that were attributable to Medicaid

Aggregate Medicaid Payer Mix continues to decrease (Figures 5 & 6). The past seven quarters have all seen decreases in seasonally-adjusted Medicaid payments.

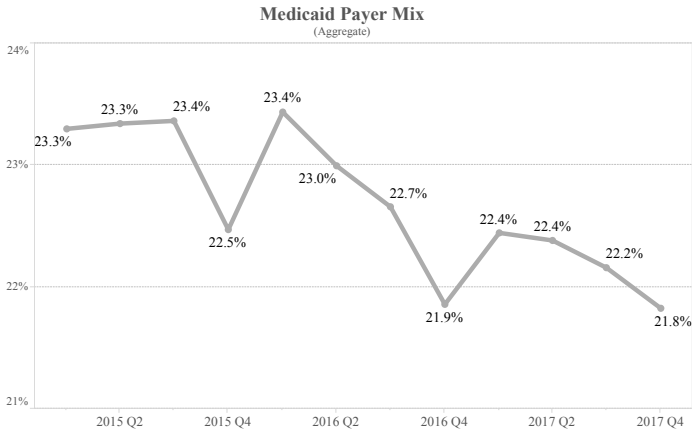


Figure 5

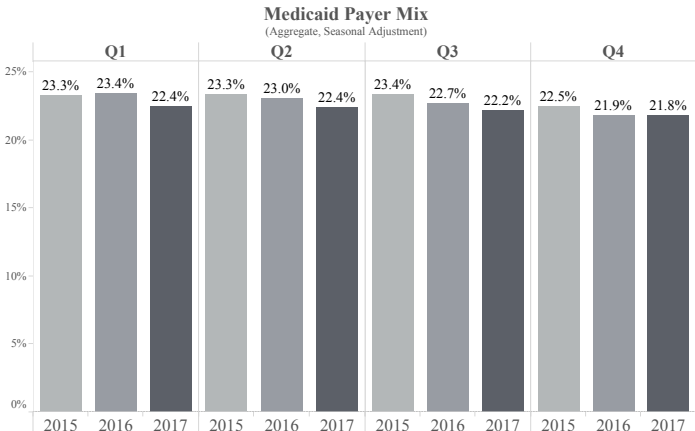


Figure 6

MEDICARE PAYER MIX

The amount of total charges that were attributable to Medicare

Aggregate Medicare Payer Mix continues to increase (Figures 7 & 8). Seven of the past eight quarters have seen decreases in seasonally-adjusted Medicare payments.

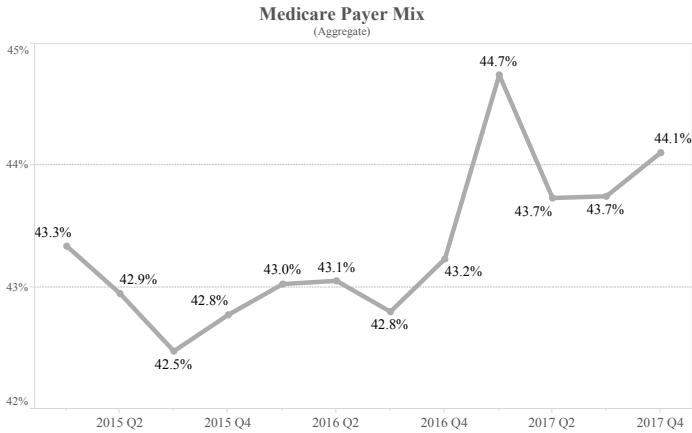


Figure 7

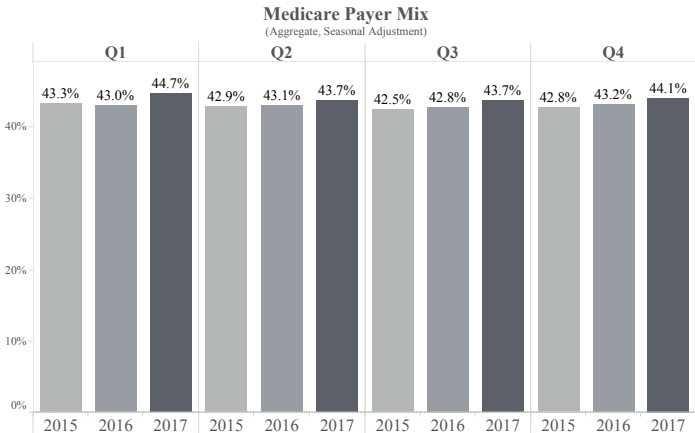


Figure 8



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COMMERCIAL & OTHER PAYER MIX

The amount of total charges that were attributable to a commercial insurer or other payer

Aggregate Commercial & Other Payer Mix remains fairly stable at approximately 32% (Figures 9 & 10).

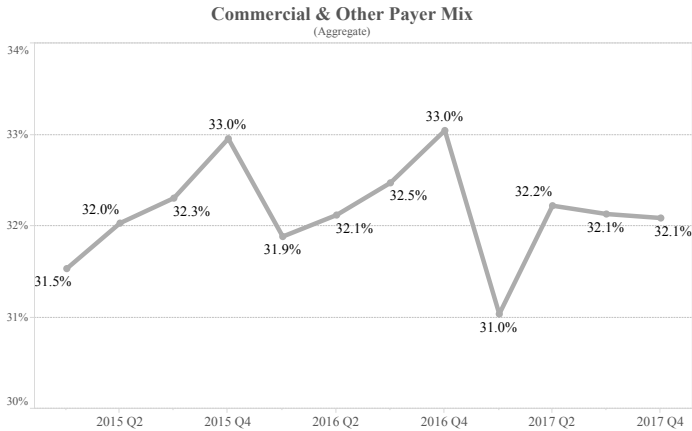


Figure 9

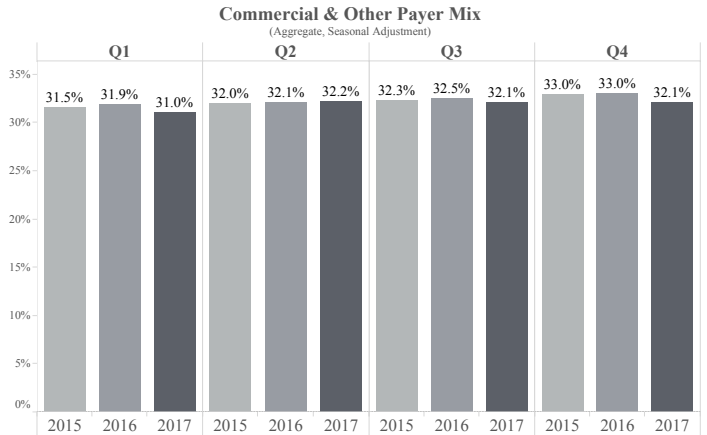


Figure 10

SELF PAY PAYER MIX

The amount of total charges that were attributable to patients paying primarily out-of-pocket

Aggregate Self Pay Payer Mix remains fairly stable at approximately 2% (Figures 11 & 12)

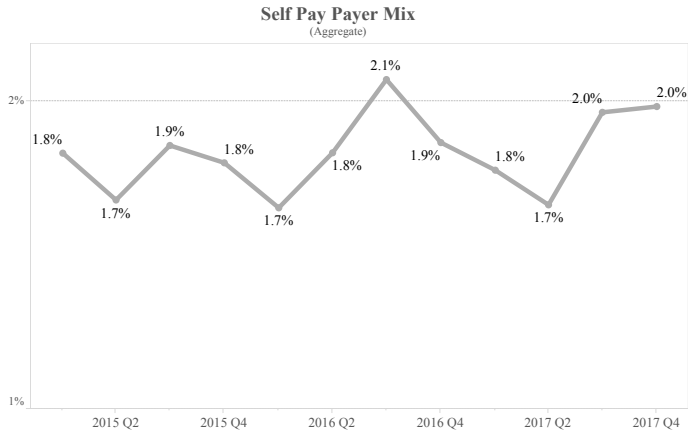


Figure 11

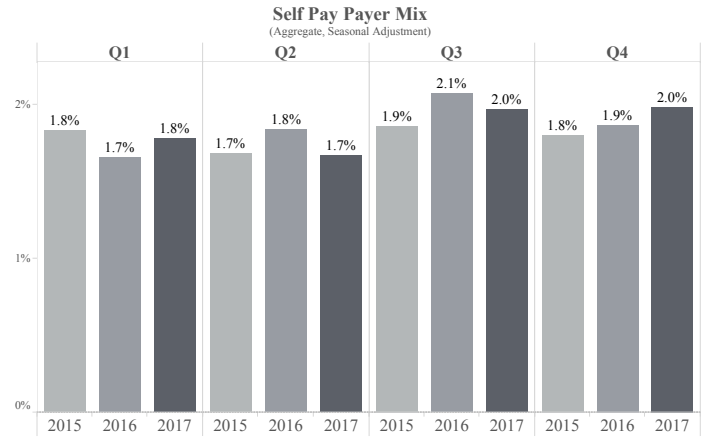


Figure 12



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CHARITY CARE PERCENTAGE

The amount of free care provided to patients who are determined by the hospital to be unable to pay their bill

Median Charity Care as a percentage of Total Charges has been steadily increasing after the post-expansion drop (Figures 13 & 14). Five of the last eight quarters have seen increases in seasonally-adjusted Charity Care. Q4 2017 is the largest Charity Care percentage since Q1 2014.

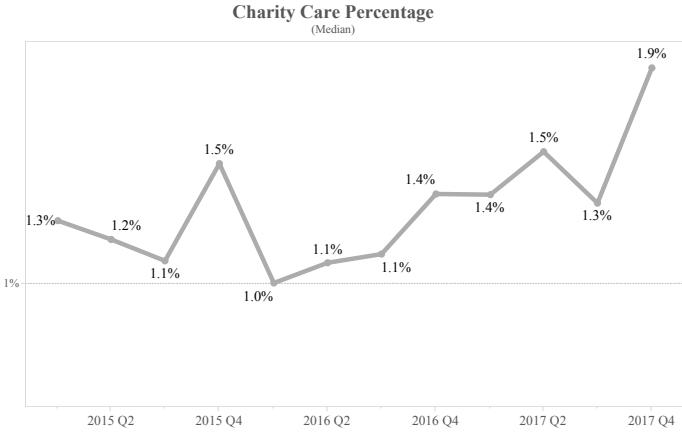


Figure 13

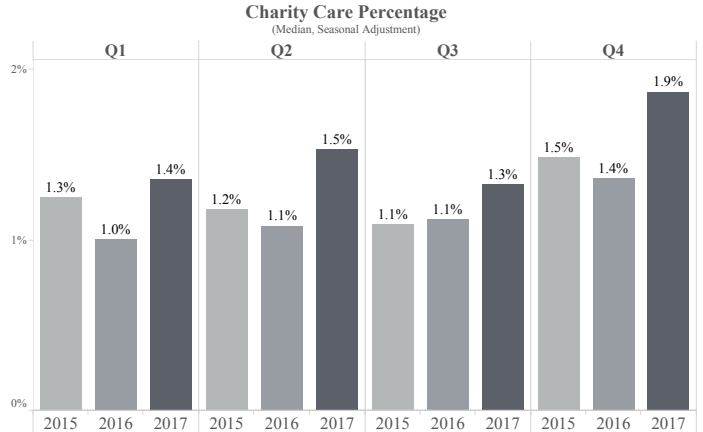


Figure 14

BAD DEBT PERCENTAGE

Unpaid obligation for care from patients who have not requested or do not qualify for financial assistance and have been unwilling to pay their bill

Median Bad Debt remains fairly stable at approximately 1% (Figures 15 & 16).

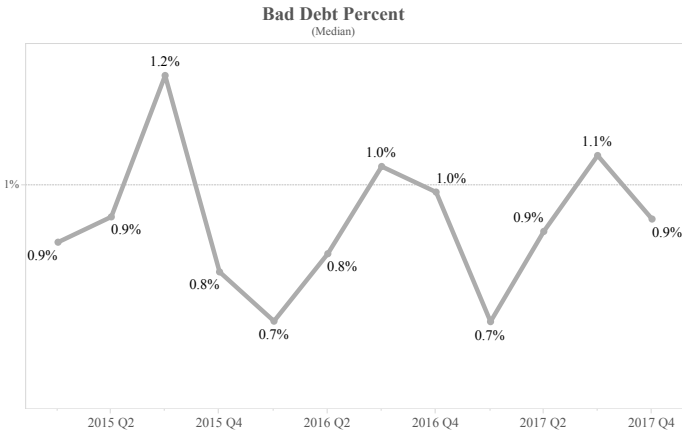


Figure 15

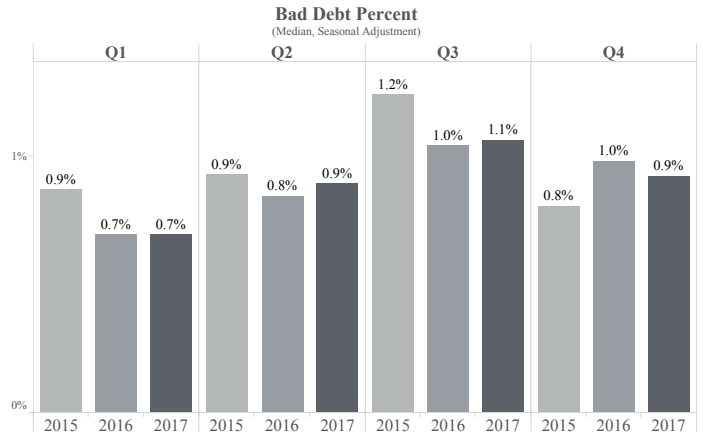


Figure 16



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TOTAL DISCHARGES

The total number of inpatient discharges during the reporting period

Aggregate Inpatient Discharges continue to decrease slightly over time (Figures 17 & 18).

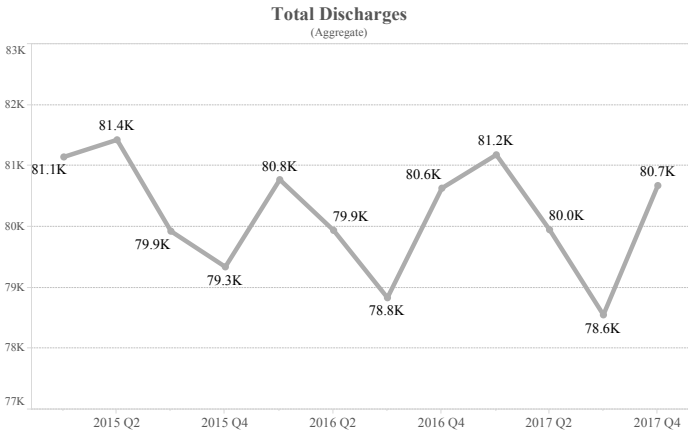


Figure 17

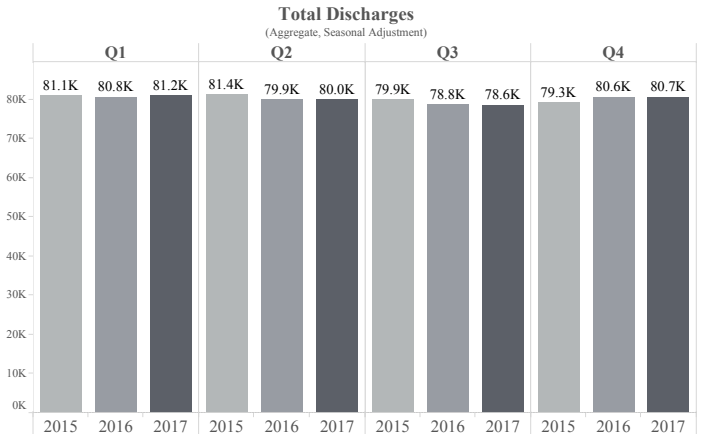


Figure 18

TOTAL OUTPATIENT VISITS

The total number of outpatient visits during the reporting period

Aggregate Total Outpatient Visits continue to increase over time (Figures 19 & 20). The rate of increase in the last three quarters of 2017 has been much higher than usual.

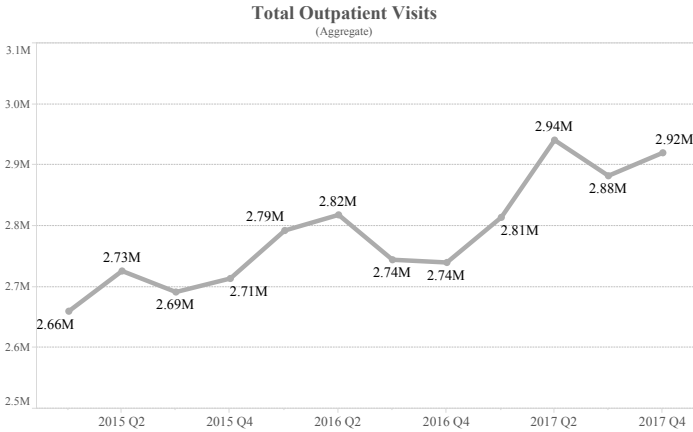


Figure 19

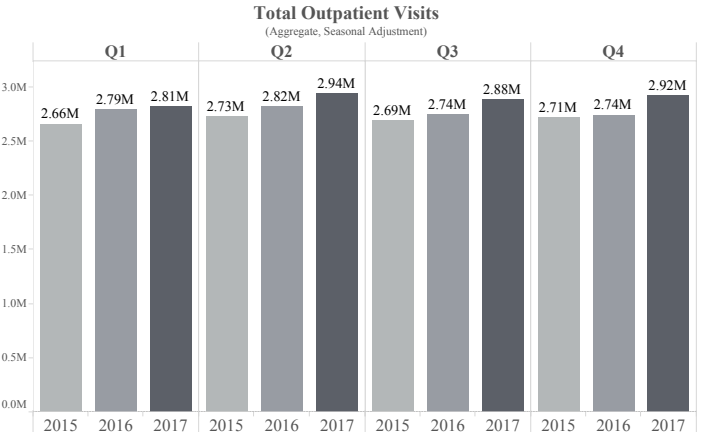


Figure 20



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AMBULATORY SURGERY VISITS

The total number of ambulatory surgery visits during the reporting period

Aggregate Ambulatory Surgery Visits are highly seasonal, with counts typically much higher in Q2 and Q4 (Figures 21 & 22). The overall trend seems to be stable at 45-50K.

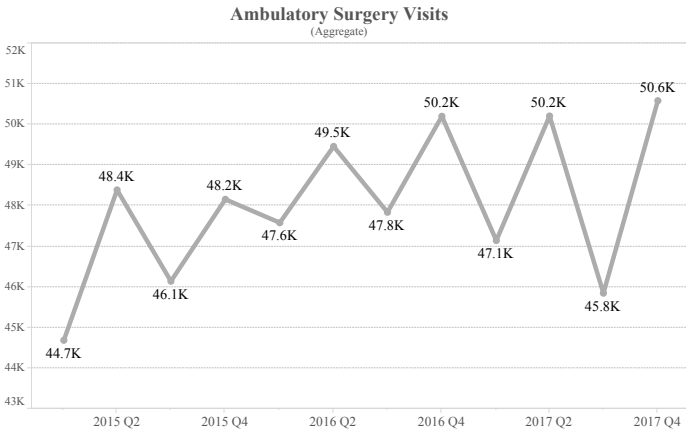


Figure 21

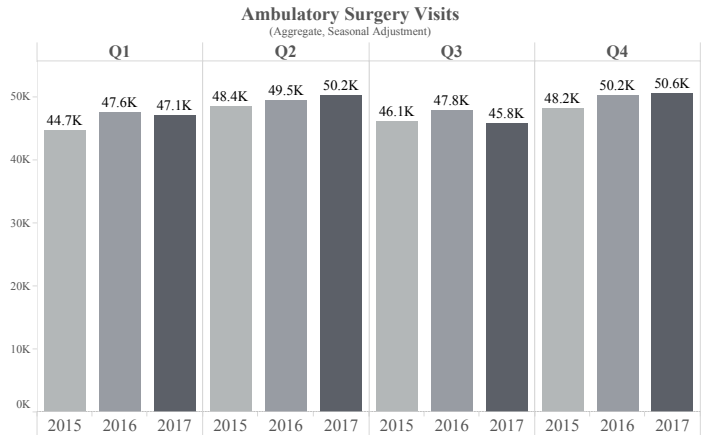


Figure 22

EMERGENCY DEPARTMENT VISITS

The total number of patients seen in the emergency department who are not later admitted as inpatients

Aggregate Emergency Department Visits continue to decrease when looking at the seasonal adjustment (Figures 23 & 24). Six of the last eight quarters have shown decreases in seasonally-adjusted ED visits.

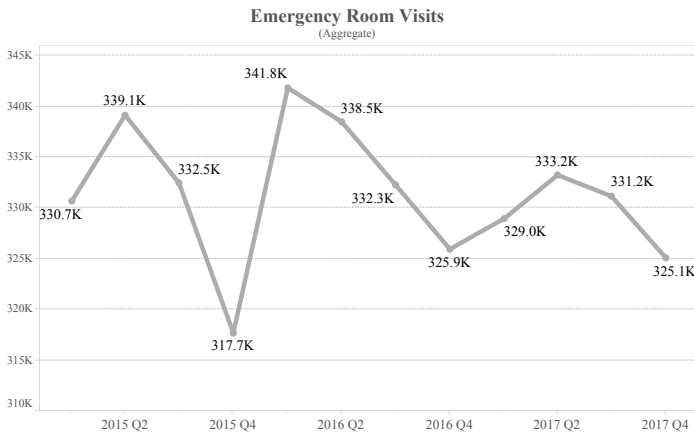


Figure 23

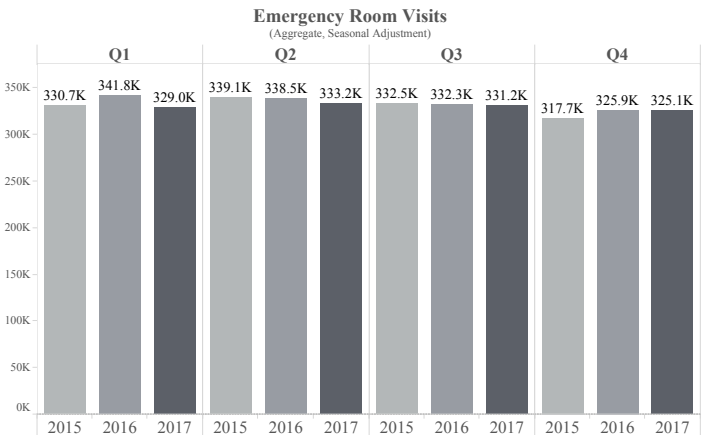
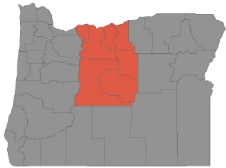


Figure 24

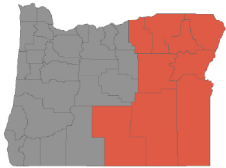


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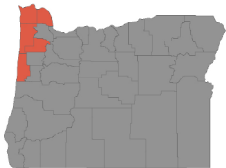
APPENDIX A: REGIONS



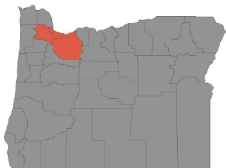
Central Oregon: Mid-Columbia Medical Center, Providence Hood River Memorial Hospital, St. Charles Bend, St. Charles Madras, St. Charles Prineville, St. Charles Redmond



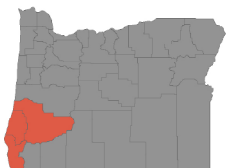
Eastern Oregon: Blue Mountain Hospital, CHI St. Anthony Hospital, Good Shepherd Health Care System, Grande Ronde Hospital, Harney District Hospital, Lake District Hospital, Pioneer Memorial Hospital-Heppner, St. Alphonsus Medical Center-Baker City, St. Alphonsus Medical Center-Ontario, Wallowa Memorial Hospital



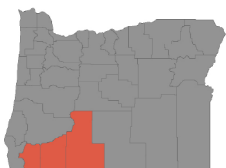
Northwest Oregon: Columbia Memorial Hospital, Providence Newberg Medical Center, Providence Seaside Hospital, Samaritan North Lincoln Hospital, Samaritan Pacific Communities Hospital, Tillamook Regional Medical Center, Willamette Valley Medical Center



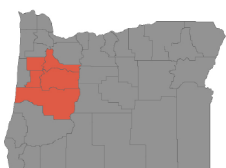
Portland Metro Area: Adventist Health Portland, Legacy Emanuel Medical Center, Legacy Good Samaritan Medical Center, Legacy Meridian Park Medical Center, Legacy Mount Hood Medical Center, Kaiser Sunnyside Medical Center, Kaiser Westside Medical Center, OHSU, Providence Milwaukie Medical Center, Providence Portland Medical Center, Providence St. Vincent Medical Center, Providence Willamette Falls Medical Center, Shriners Hospital-Portland, Tuality Healthcare



Southern Coast: Bay Area Hospital, Coquille Valley Hospital, Curry General Hospital, Lower Umpqua Hospital, Southern Coos Hospital & Health Center



Southern Oregon: Asante Ashland Community Hospital, Asante Rogue Regional Medical Center, Asante Three Rivers Medical Center, Mercy Medical Center, Providence Medford Medical Center, Sky Lakes Medical Center



Valley: Good Samaritan Regional Medical Center, Legacy Silverton Medical Center, McKenzie-Willamette Medical Center, PeaceHealth Cottage Grove Community Hospital, PeaceHealth Peace Harbor Hospital, PeaceHealth Sacred Heart Medical Center at RiverBend, PeaceHealth Sacred Heart Medical Center University District, Salem Health West Valley, Salem Hospital, Samaritan Albany General Hospital, Samaritan Lebanon Community Hospital, Santiam Memorial Hospital

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APPENDIX B: HOSPITAL TYPES

Urban	Rural	
DRG Hospitals	Type A Hospitals	Type B Hospitals
<ul style="list-style-type: none"> • Adventist Health Portland • Asante Rogue Regional Medical Center • Asante Three Rivers Medical Center • Bay Area Hospital • Good Samaritan Regional Medical Center • Kaiser Sunnyside Medical Center • Kaiser Westside Medical Center • Legacy Emanuel Medical Center • Legacy Good Samaritan Medical Center • Legacy Meridian Park Medical Center • Legacy Mount Hood Medical Center • McKenzie-Willamette Medical Center • Mercy Medical Center • OHSU Hospital • PeaceHealth Sacred Heart Medical Center at RiverBend • PeaceHealth Sacred Heart Medical Center University District • Providence Medford Medical Center • Providence Milwaukie Hospital • Providence Portland Medical Center • Providence St. Vincent Medical Center • Providence Willamette Falls Medical Center • Salem Hospital • Samaritan Albany General Hospital • Shriners Hospital-Portland • Sky Lakes Medical Center • St. Charles Bend • Tuality Healthcare • Willamette Valley Medical Center 	<ul style="list-style-type: none"> • Blue Mountain Hospital* • CHI St. Anthony Hospital* • Curry General Hospital* • Good Shepherd Health Care System* • Grande Ronde Hospital* • Harney District Hospital* • Lake District Hospital* • Pioneer Memorial Hospital-Heppner* • St. Alphonsus Medical Center-Baker City* • St. Alphonsus Medical Center-Ontario • Tillamook Regional Medical Center* • Wallowa Memorial Hospital* 	<ul style="list-style-type: none"> • Asante Ashland Community Hospital • Columbia Memorial Hospital* • Coquille Valley Hospital* • Legacy Silverton Medical Center • Lower Umpqua Hospital* • Mid-Columbia Medical Center • PeaceHealth Cottage Grove Community Hospital* • PeaceHealth Peace Harbor Medical Center* • Providence Hood River Memorial Hospital* • Providence Newberg Medical Center • Providence Seaside Hospital* • Salem Health West Valley* • Samaritan Lebanon Community Hospital* • Samaritan North Lincoln Hospital* • Samaritan Pacific Communities Hospital* • Santiam Memorial Hospital • Southern Coos Hospital & Health Center* • St. Charles Prineville* • St. Charles Madras* • St. Charles Redmond

Type A Hospitals are small and remote and have 50 or fewer beds. Type A hospitals are located more than 30 miles from another acute care, inpatient facility.

Type B Hospitals are small and rural and have 50 or fewer beds. Type B Hospitals are located 30 miles or less from another acute care facility

*Designates a CAH facility (more information in Appendix C: Definitions)



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APPENDIX C: DEFINITIONS

Bad Debt: Bad debt is the unpaid obligation for care, based on a hospital's full established rates, for patients who are unwilling to pay their bill. Unlike charity care, bad debt arises in situations where the patient has either not requested financial assistance or does not qualify for financial assistance. In these cases the hospital will generate a bill for services provided. For uninsured patients, the amount of bad debt can pertain to all or any portion of the bill that is not paid. For patients with insurance, certain amounts that are the patient's responsibility—such as deductibles and coinsurance—are expensed as bad debt if not paid.

Charity Care: The dollar amount of free care, based on a hospital's full established rates, provided to patients who are determined by the hospital to be unable to pay their bill. The determination of a patient's ability to pay is based on the hospital's charity care policy. Hospitals will typically determine a patient's inability to pay by examining a variety of factors such as individual and family income, assets, employment status, or availability of alternative sources of funds. Determination of charity care status is made prior to admission if the patient has requested and applied for financial assistance. Charity care status may be granted at a later date depending on the circumstances of the admission, such as an emergency admission, no request for financial assistance prior to admission, or lack of information about the patient's financial status at the time of admission. Financial assistance provided by the hospital may pertain to all or a portion of the patient's bill.

Critical Access Hospitals (CAHs): A designation given to certain rural hospitals by the Centers for Medicare and Medicaid Services. Created by Congress in the 1997 Balanced Budget Act, the CAH designation is designed to reduce the financial vulnerability of rural hospitals and improve access to healthcare in those areas. A CAH must have no more than 25 inpatient beds, maintain an annual average length of stay of less than 96 hours, offer 24/7 emergency care, and be located at least 35 miles away from another hospital.

Emergency Department Visits: The total number of patients seen in the emergency department who are not later admitted as inpatients.

Net Nonoperating Gains: Amount of income or loss after expenses which result from the hospital's peripheral or incidental transactions and from other events stemming from the environment that may be largely beyond the control of the reporting entity and its management. An example would be sale of investments in marketable securities.

Net Patient Revenue: The revenue the reporting entity generates from patient care.

Operating Margin Percent: Measure of profitability from the reporting entity's operations.

Other Operating Revenue: Revenue derived from the reporting entity's operations other than direct patient care. Examples are revenue generated from operation of the cafeteria and gift shop.

Outpatient Surgeries: A planned operation for which the patient is not expected to be admitted to the hospital.

Outpatient Visits: Total number of outpatient visits reported during the reporting period. This includes emergency room visits, ambulatory surgery visits, observation visits, home health visits, and all other visits.

Payer Mix: The amount of total charges that were attributable to one of four payer categories: Medicaid, Medicare, commercial, and self pay.

Reporting Entity: A hospital and any additional consolidated entities that are included in the Income Statement at the front of the audited financial statement. The only exceptions are foundations that the hospital does not want included in its financial reporting.



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APPENDIX C: DEFINITIONS (CONT.)

Tax Subsidies: Tax revenues from cities, counties or special hospital districts, which assess levies to subsidize the reporting entity.

Total Charges: Amount billed for services at full established rates.

Total Contractuals: The amount of total charges that have been negotiated away by payers. This is the difference between what the hospital bills for and what it expects to receive as revenue.

Total Discharges: The termination of the granting of lodging in the hospital and the formal release of the patient (includes patients admitted and discharged the same day). When a mother and her newborn are discharged at the same time, they count as one discharge. When the baby stays beyond the mother's discharge (boarder baby), it counts as one discharge for the mother and one discharge for the boarder baby.

Total Margin Percent: Measure of profitability from all sources of the reporting entity's income.

Total Operating Expenses: All expenses incurred from the reporting entity. Examples are salaries and benefits, purchased services, professional fees, supplies, interest expense, depreciation, and amortization and rent and utilities.

Total Operating Revenue: All revenue derived from the reporting entity's operations directly related to patient care. Includes net patient revenue and other operating revenue.

Uncompensated Care: The total amount of health care services, based on full established rates, provided to patients who are either unable or unwilling to pay. Uncompensated care includes both charity care and bad debt.