Delivery Statistics Report (2018 Births)
Virginia Mason Memorial Hospital

Yakima, WA Yakima County

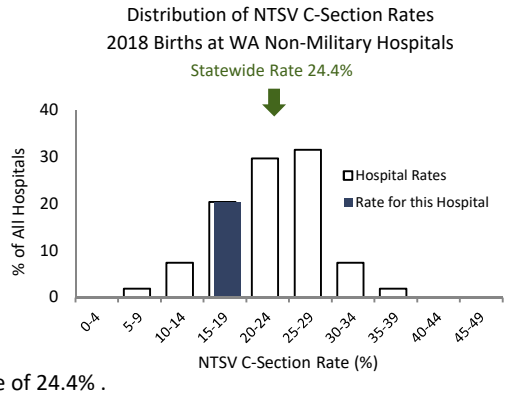
Perinatal Level of Care: Level 3

Deliveries and Medicaid Status

	2016	2017	2018	3-year TOTAL	Net Change '17 to '18
Total Deliveries	2,767	2,570	2,552	7,889	-18
Deliveries with Medicaid-paid Maternity Care	2,121	1,956	1,912	5,989	-44
Percent Medicaid Deliveries	77%	76%	75%	76%	-1%
Percent Medicaid for Deliveries in this County	81%	80%	79%	80%	-2%

C-Sections Among Nulliparous Term Singleton Vertex (NTSV) Deliveries

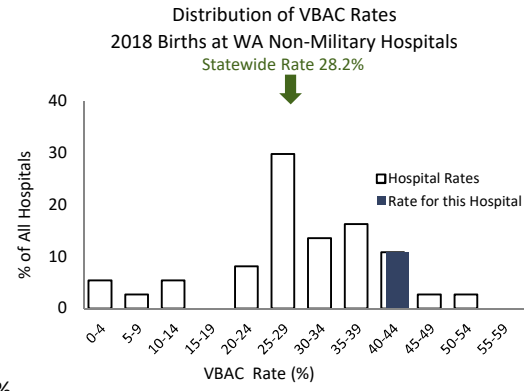
	2016	2017	2018	Net Change '17 to '18	3-year
NTSV Deliveries	708	705	636	-69	2,049
NTSV C-Section Rates					
Rate for this Hospital	14.4%	19.0%	18.1%	-0.9%	17.1%
Level 3 Hospitals	24.3%	24.9%	24.0%	-0.9%	24.4%
Hospitals Statewide	23.6%	24.3%	24.4%	0.0%	24.1%



This hospital's 2018 NTSV C-Section rate of 18.1% was lower than the statewide rate of 24.4% .

Vaginal Births After Cesarean (VBAC) for Term Singleton Vertex Deliveries

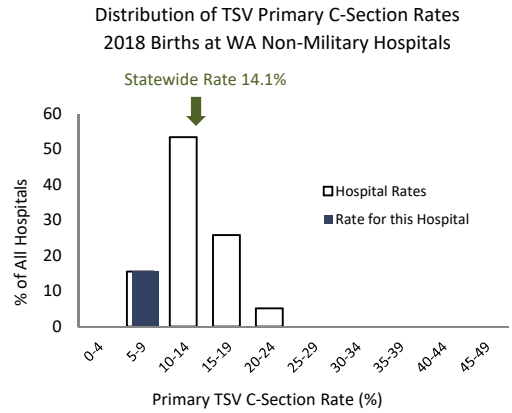
	2016	2017	2018	Net Change '17 to '18	3-year
Deliveries Post-C-Sec	210	189	211	22	610
VBAC Rates					
Rate for this Hospital	43.3%	45.5%	44.5%	-1.0%	44.4%
Level 3 Hospitals	28.0%	27.2%	28.5%	1.2%	27.9%
Hospitals Statewide	28.4%	27.4%	28.2%	0.8%	28.0%



This hospital's 2018 VBAC rate of 44.5% was higher than the statewide rate of 28.2% .

Primary C-Sections Among Term Singleton Vertex (TSV) Deliveries

	2016	2017	2018	Net Change '17 to '18	3-year
TSV Deliveries/No Prior C	2,044	1,906	1,893	-13	5,843
Primary C-Section Rates					
Rate for this Hospital	7.7%	9.9%	9.5%	-0.4%	9.0%
Level 3 Hospitals	14.1%	14.2%	13.9%	-0.3%	14.0%
Hospitals Statewide	13.9%	14.1%	14.1%	0.0%	14.0%

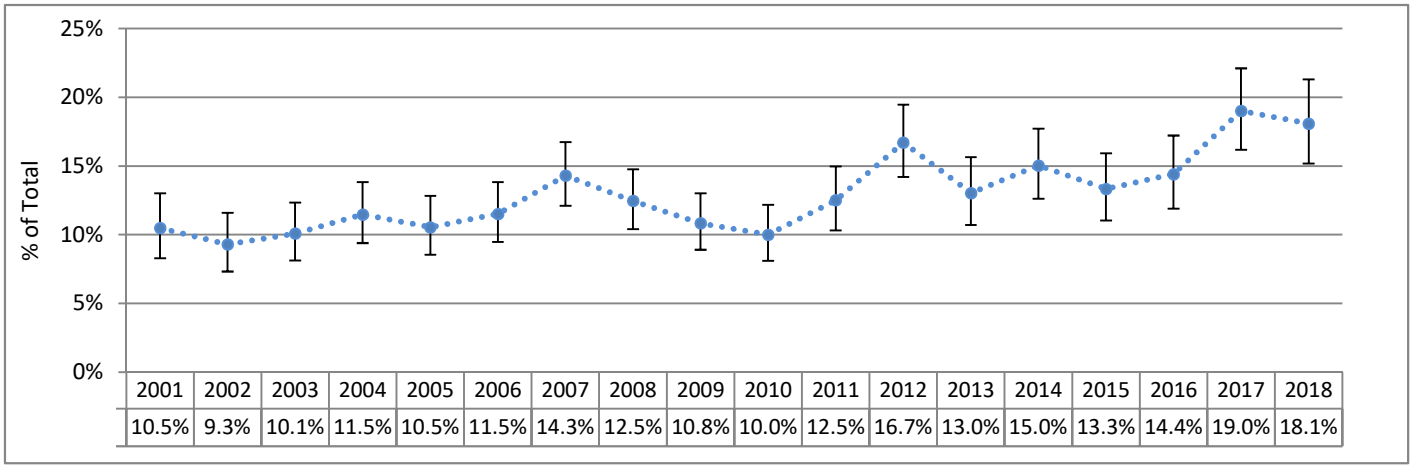


This hospital's 2018 Primary C-Section rate of 9.5% was lower than the statewide rate of 14.1% .

Virginia Mason Memorial Hospital

C-Sections Among Nulliparous Term Singleton Vertex (NTSV) Deliveries 2001 - 2018

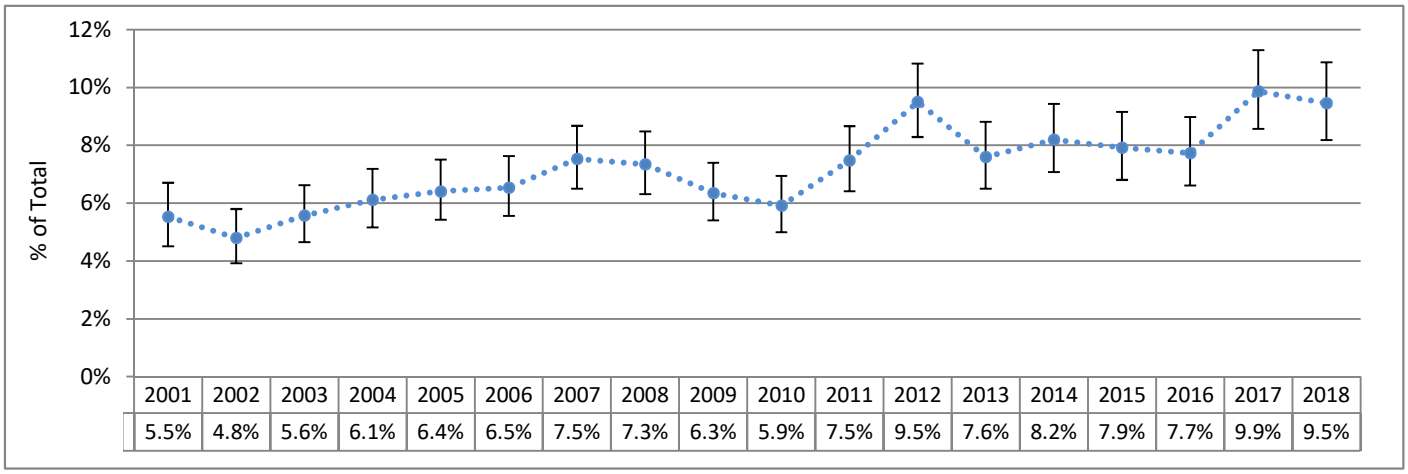
Hospital Rate with 95% Confidence Limits



2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
10.5%	9.3%	10.1%	11.5%	10.5%	11.5%	14.3%	12.5%	10.8%	10.0%	12.5%	16.7%	13.0%	15.0%	13.3%	14.4%	19.0%	18.1%

Primary C-Sections Among Term Singleton Vertex (TSV) Deliveries 2001 - 2018

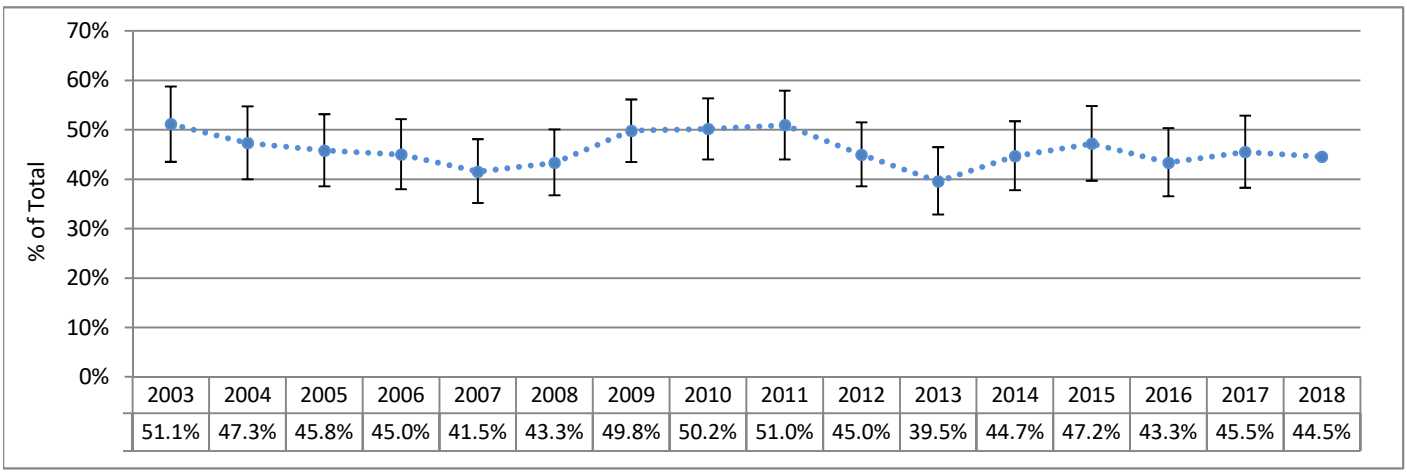
Hospital Rate with 95% Confidence Limits



2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
5.5%	4.8%	5.6%	6.1%	6.4%	6.5%	7.5%	7.3%	6.3%	5.9%	7.5%	9.5%	7.6%	8.2%	7.9%	7.7%	9.9%	9.5%

Vaginal Birth After Cesarean Among Term Singleton Vertex (TSV) Deliveries 2003 - 2018

Hospital Rate with 95% Confidence Limits



2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
51.1%	47.3%	45.8%	45.0%	41.5%	43.3%	49.8%	50.2%	51.0%	45.0%	39.5%	44.7%	47.2%	43.3%	45.5%	44.5%

95% Confidence Limits show the range within which a data point could reasonably be the result of random variation. Points outside of this range are considered to differ significantly from the point for which the confidence limit is calculated, since there is only a 5% chance that the difference is due to random variability.

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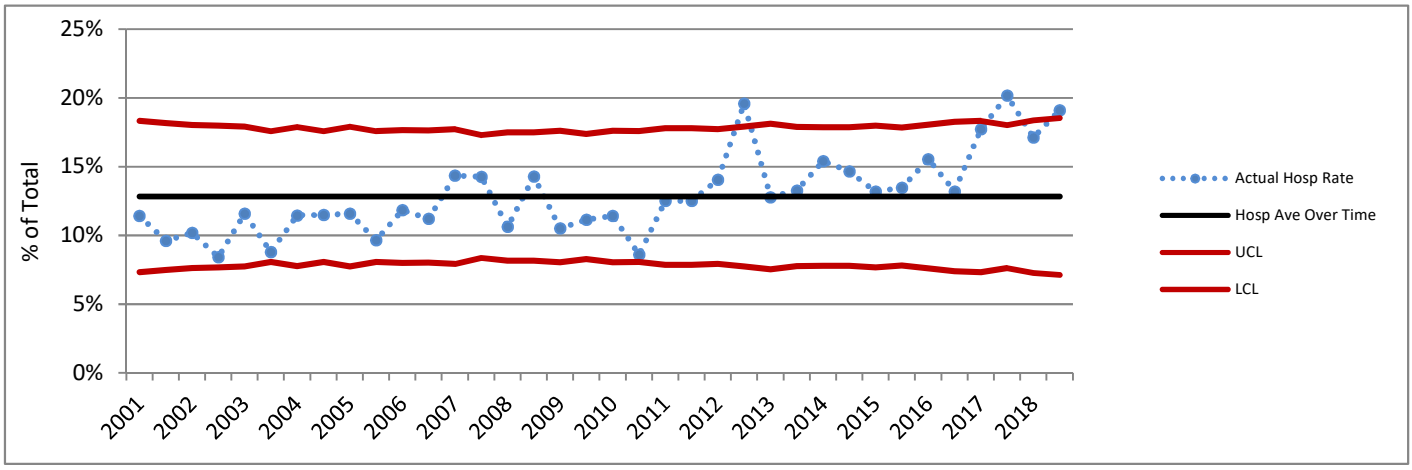
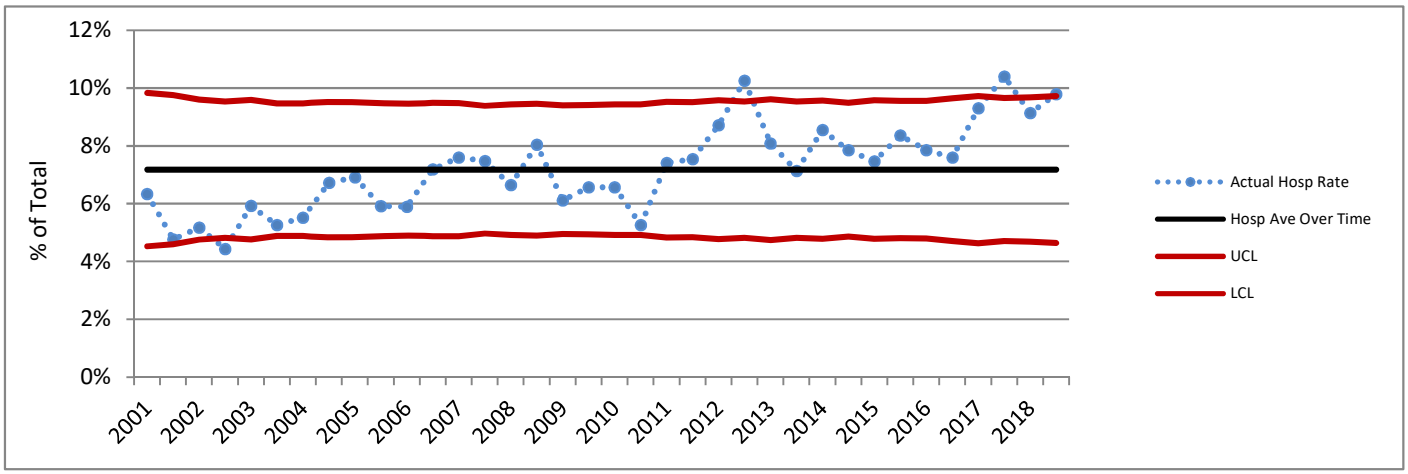
C-Sections Among Nulliparous Term Singleton Vertex (NTSV) Deliveries 2001 - 2018 (Six-Month Intervals)

Actual Hospital Rate Compared to Hospital Average Across Time



Primary C-Sections Among Term Singleton Vertex (TSV) Deliveries 2001 - 2018 (Six-Month Intervals)

Actual Hospital Rate Compared to Hospital Average Across Time



Charts based on the Hospital average over time are not presented where the Hospital number of deliveries for any six-month period did not meet the standard recommended size for upper (UCL) and lower (LCL) control lines based on 3 standard deviations. Rates above or below the red lines show a greater difference from the average than do those between the red lines.

DATA SOURCES AND DEFINITIONS: Certificates for live births and fetal deaths were provided by the DOH Center for Health Statistics and included in the First Steps Database. Medicaid status was determined by individual-level linkage to Medicaid claims and eligibility performed by the First Steps Database. Years refer to calendar years.
Excludes births in military facilities or facilities that do not typically perform deliveries. C-Section measures exclude cases where mother was transferred to higher level care for maternal medical or fetal indicators for delivery, or hospital births where intended place of birth was other than hospital. ** = Rate not shown due to small numbers.
Perinatal Level of Care designation is as of 2018 for all years shown. **Total Deliveries** includes live births and fetal deaths after 20 weeks' gestation. **Medicaid** refers to births to women who received Medicaid-paid maternity care. **Distribution charts** are based on non-military hospitals with at least 20 denominator deliveries. **C-Sections (NTSV)** is the percent of Cesarean sections among nulliparous, term, singleton, liveborn, vertex deliveries. **Term** is defined as gestational age of at least 37 completed weeks. For reports as of November 2015, the gestational age used for term designation is based on calculated best estimate of gestational age for years before 2003, and on obstetric estimate of gestation for years 2003 and later. **Vaginal Births After Cesarean (VBAC)** is the percent of vaginal births among live births to appropriate candidates. Women whose pregnancies were at term, had a single fetus with vertex presentation, and who had one prior C-section were considered **appropriate candidates** for **VBAC**. Number of prior C-sections is determined by Birth Certificate number reported and by longitudinal linkage. **Chart** comparison VBAC Rates are limited to hospitals that offer planned vaginal birth delivery after a prior Cesarean section (VBAC). **Primary C-Sections** is the percent of Cesarean sections among term, singleton, liveborn, vertex deliveries to women with no prior C-sections