

Welcome to the *Blueprint Hospital Service Area (HSA) Profile* from the Blueprint for Health, a state-led initiative transforming the way that health care and comprehensive health services are delivered in Vermont. The Blueprint is leading a transition to an environment where all Vermonters have access to a continuum of seamless, effective, and preventive health services.

Blueprint HSA Profiles are based primarily on data from Vermont's all-payer claims database, the Vermont Health Care Uniform Reporting and Evaluation System (VHCURES). Data include all covered commercial and Full Medicaid members attributed to Blueprint practices that began participating on or before December 31, 2016.

The HSA Profile for the adult population covers members ages 18 years and older; pediatric profiles cover members between the ages of 1 and 17 years. Practices have been rolled up to the HSA level.

Utilization and expenditure rates presented in these profiles have been risk adjusted for demographic and health status differences among the reported populations.

This reporting includes only members with a visit to a primary care physician, as identified in VHCURES claims data, during the current reporting year or the prior year. Rates for HSAs reporting fewer than 30 members for a measure are not presented in alignment with NCQA HEDIS guidelines.

The HSA Profile includes Accountable Care Organization (ACO) core measures based on VHCURES and the Blueprint clinical data registry.

## Demographics & Health Status

	HSA	Statewide
Average Members	17,669	67,430
Average Age	8.9	9.0
% Female	48.5	48.9
% Medicaid	49.0	61.1
% with Selected Chronic Conditions	13.9	15.1
<b>Health Status (CRG)</b>		
% Healthy	69.6	68.9
% Acute or Minor Chronic	16.2	16.5
% Moderate Chronic	11.3	11.5
% Significant Chronic	2.6	2.8
% Cancer or Catastrophic	0.3	0.3

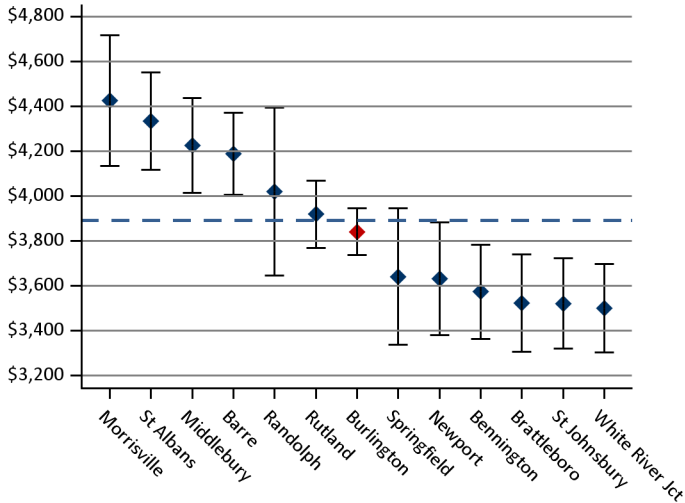
**Table 1:** This table provides comparative information on the demographics and health status of the HSA and of the state as a whole. Included measures reflect the types of information used to generate adjusted rates: age, gender, and health status.

Average Members serves as this table's denominator and adjusts for partial lengths of enrollment during the year. In addition, special attention has been given to adjusting for Medicaid. This includes adjustment for each member's enrollment in Medicaid, the member's practice's percentage of membership that is Medicaid, and the degree to which the member required special Medicaid services that are not found in commercial populations (e.g., day treatment, residential treatment, case management, school-based services, and transportation).

The % with Selected Chronic Conditions measure indicates the proportion of members identified through the claims data as having one or more of eight selected chronic conditions: asthma, chronic obstructive pulmonary disease, congestive heart failure, coronary heart disease, hypertension, diabetes, depression, and attention deficit disorder.

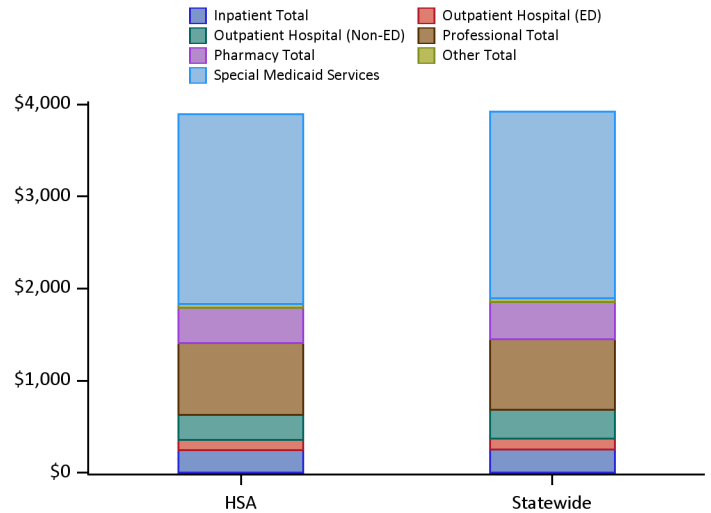
The Health Status (CRG) measure aggregates 3M™ Clinical Risk Grouper (CRG) classifications for the year for the purpose of generating adjusted rates. Aggregated risk classification groups include: Healthy, Acute (e.g., ear, nose, throat infection) or Minor Chronic (e.g., minor chronic joint pain), Moderate Chronic (e.g., diabetes), Significant Chronic (e.g., diabetes and CHF), and Cancer (e.g., breast cancer, colorectal cancer) or Catastrophic (e.g., HIV, muscular dystrophy, cystic fibrosis). CRG identification was enhanced using additional diagnostic and pharmacy information for CY2016 reporting, resulting in fewer healthy members and more members with chronic and other conditions.

**Total Expenditures per Capita**



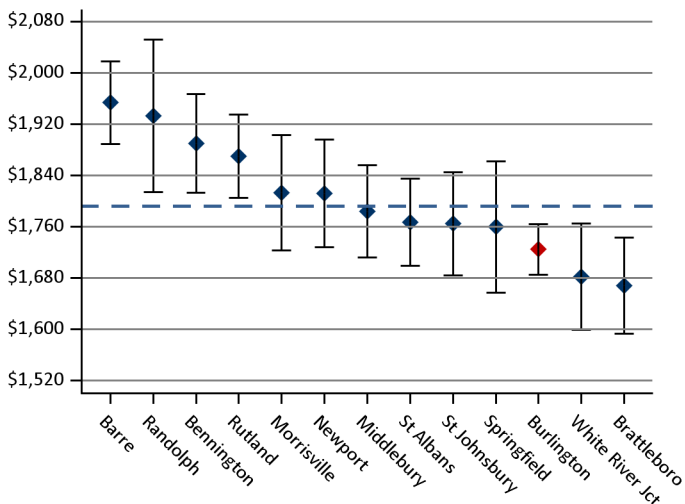
**Figure 1:** Presents annual risk-adjusted rates, including 95% confidence intervals, with expenditures capped statewide for outlier patients. Expenditures include both plan payments and member out-of-pocket payments (i.e., copay, coinsurance, and deductible). The blue dashed line indicates the statewide average.

**Total Expenditures per Capita by Major Category**



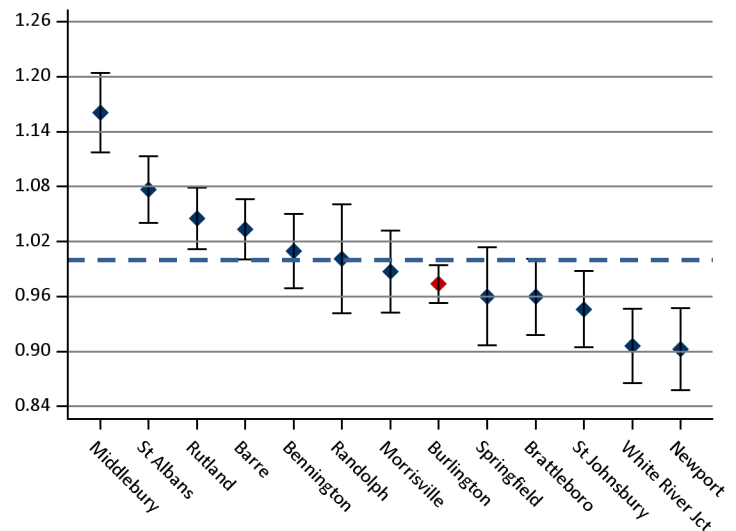
**Figure 2:** Presents annual risk-adjusted rates for the major components of cost (as shown in Figure 1) with expenditures capped statewide for outlier patients. Some services provided by Medicaid (e.g., case management, transportation) are reported separately as Special Medicaid Services (SMS).

**Total Expenditures per Capita (Excluding SMS)**



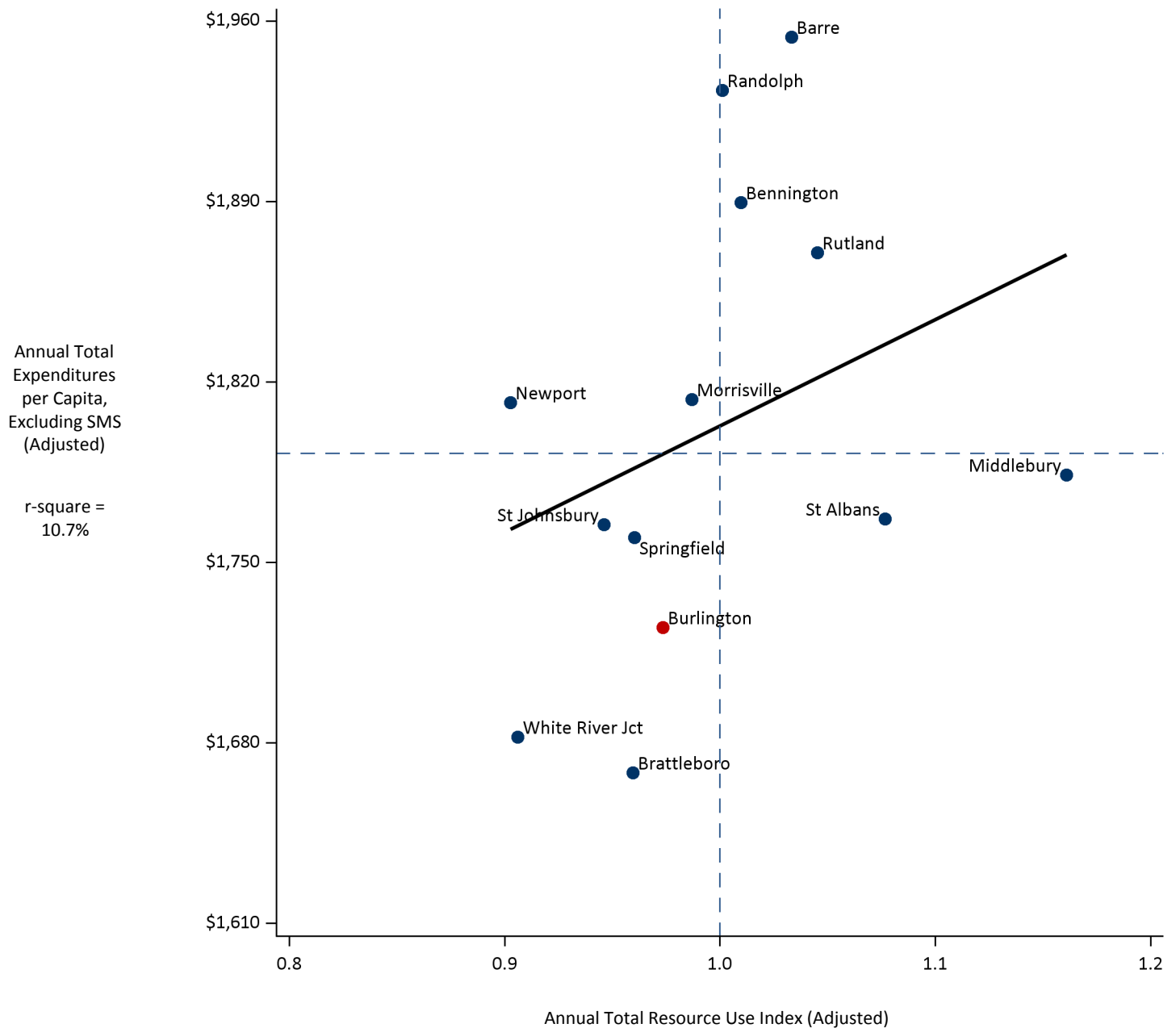
**Figure 3:** Presents annual risk-adjusted rates, including 95% confidence intervals, with expenditures capped statewide for outlier patients. Expenditures include both plan payments and member out-of-pocket payments (i.e., copay, coinsurance, and deductible) and exclude Special Medicaid Services. The blue dashed line indicates the statewide average.

**Total Resource Use Index (RUI) (Excluding SMS)**



**Figure 4:** Presents annual risk-adjusted rates, including 95% confidence intervals. Since price per service varies widely, a measure of expenditures based on resource use — Total Resource Use Index (RUI) — is included. RUI reflects an aggregated capped cost based on utilization and intensity of services across major components of care and excludes Special Medicaid Services. The HSAs are indexed to the statewide average (1.00), which is indicated by the blue dashed line.

**Annual Total Expenditures per Capita vs. Resource Use Index (RUI)**

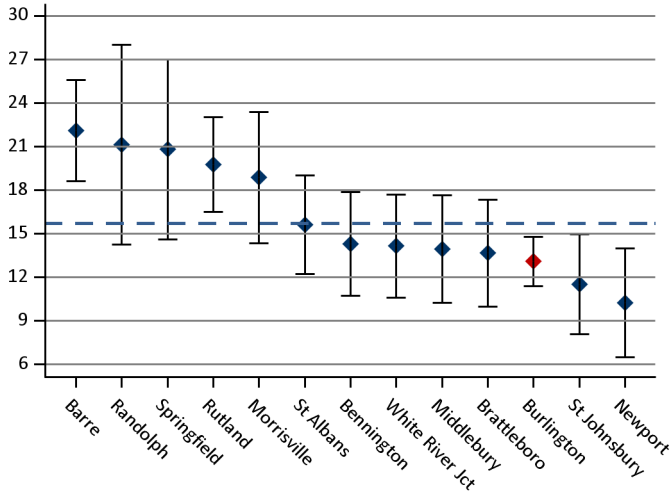


**Figure 5:** This graphic demonstrates the relationship between risk-adjusted expenditures excluding SMS and risk-adjusted utilization for each of the HSAs in Vermont. This graphic illustrates the HSA's risk-adjusted rate (i.e., the red dot) compared to those of all other HSAs statewide (i.e., the blue dots). The dashed lines show the average expenditures per capita and average Resource Use Index statewide (i.e., 1.0). HSAs with higher expenditures and utilization are in the upper right-hand quadrant while HSAs with lower expenditures and utilization are in the lower left-hand quadrant. An RUI value greater than 1.0 indicates higher than average utilization; conversely, a value lower than 1.0 indicates lower than average utilization. A trend line has been included in the graphic, which demonstrates that, in general, HSAs with higher risk-adjusted utilization had higher risk-adjusted expenditures.

**Legend**

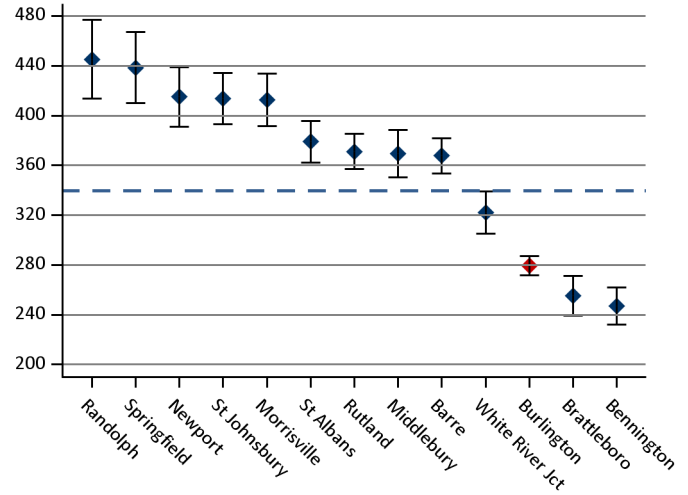
- Burlington
- All other Blueprint HSAs statewide

**Inpatient Discharges**



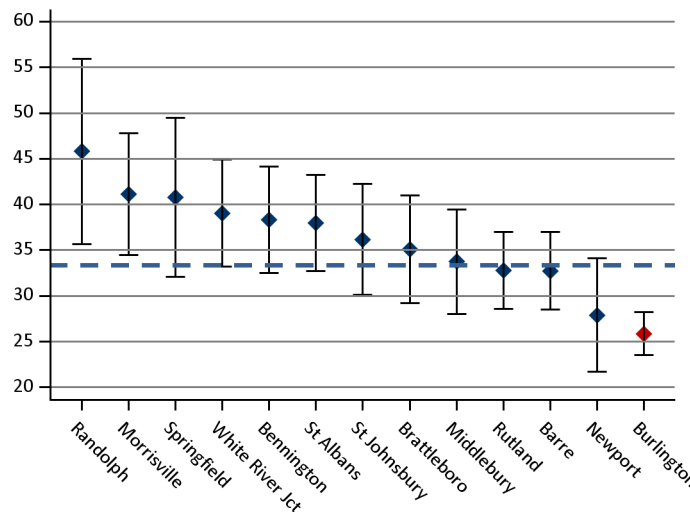
**Figure 6:** Presents annual risk-adjusted rates, including 95% confidence intervals, of inpatient discharges per 1,000 members. Additional detail measures for inpatient utilization — Inpatient Days, and Preventive Quality Indicators — can be found in Table 4. The blue dashed line indicates the statewide average.

**Outpatient ED Visits**



**Figure 7:** Presents annual risk-adjusted rates, including 95% confidence intervals, of outpatient emergency department (ED) visits per 1,000 members. An additional detail measure — Outpatient Potentially Avoidable ED Visits — can be found in Table 4. The blue dashed line indicates the statewide average.

**Advanced Imaging (MRIs, CT Scans)**



**Figure 8:** Presents annual risk-adjusted rates, including 95% confidence intervals, of advanced imaging diagnostic tests (i.e., magnetic resonance imagings (MRIs) and computed tomography (CT) scans) per 1,000 members. The blue dashed line indicates the statewide average.

**Well-Child Visits**

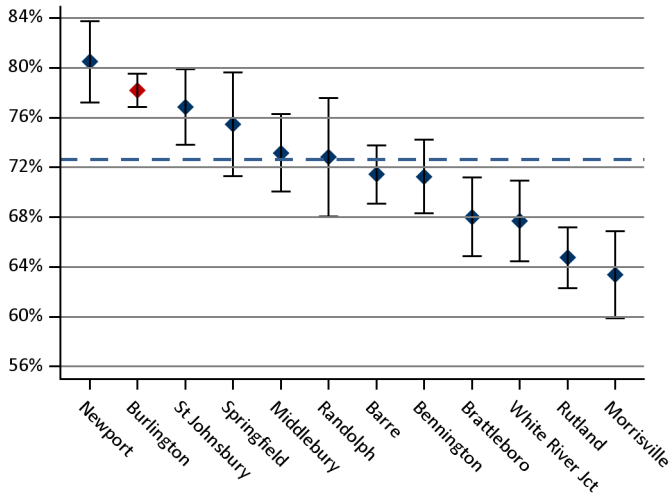


Figure 9: Presents the proportion, including 95% confidence intervals, of members, ages 3–6 years, who received one or more well-child visits during the measurement year. The blue dashed line indicates the statewide average.

**Adolescent Well-Care Visits (Core-2)**

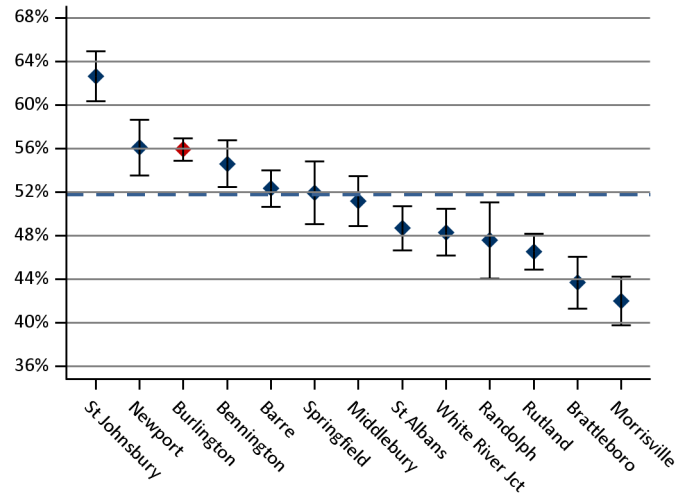


Figure 10: Presents the proportion, including 95% confidence intervals, of members, ages 12–21 years, who received one or more well-care visits with a primary care practitioner or OB/GYN during the measurement year. (Note that, due to the age ranges for this ACO measure, members above the age of 17 years, not typically represented in pediatric profiles, are included in these rates.) The blue dashed line indicates the statewide average.

**Developmental Screening in First 3 Years of Life (Core-8)**

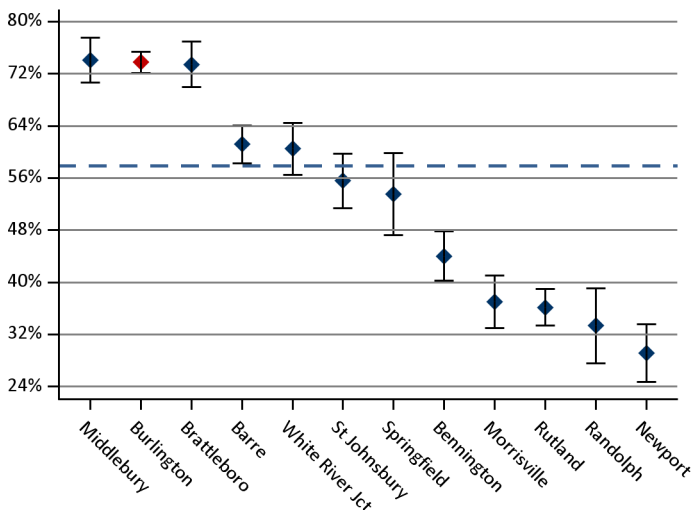


Figure 11: Presents the proportion, including 95% confidence intervals, of continuously enrolled children screened for risk of developmental, behavioral, and social delays using a standardized screening tool in each of the first three years of life. The blue dashed line indicates the statewide average.

**Chlamydia Screening in Women (Core-7)**

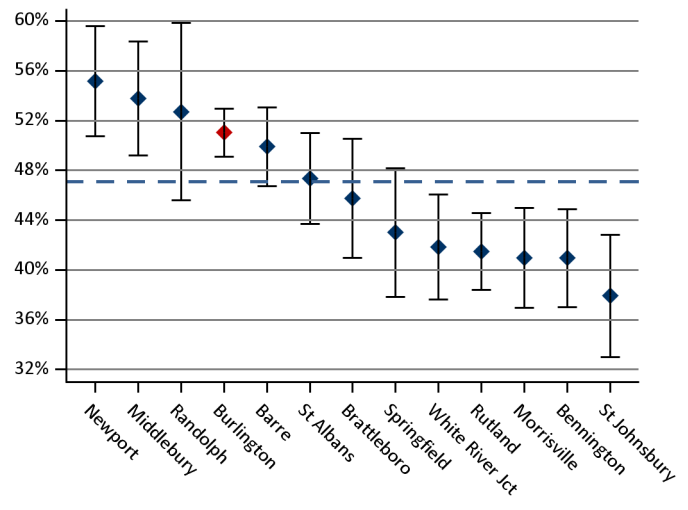
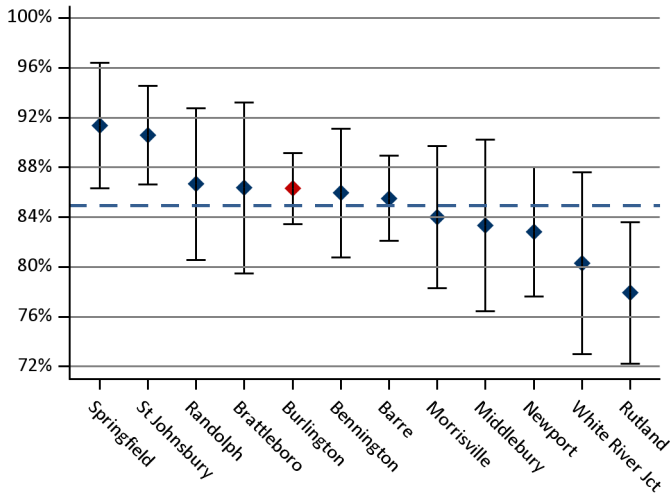


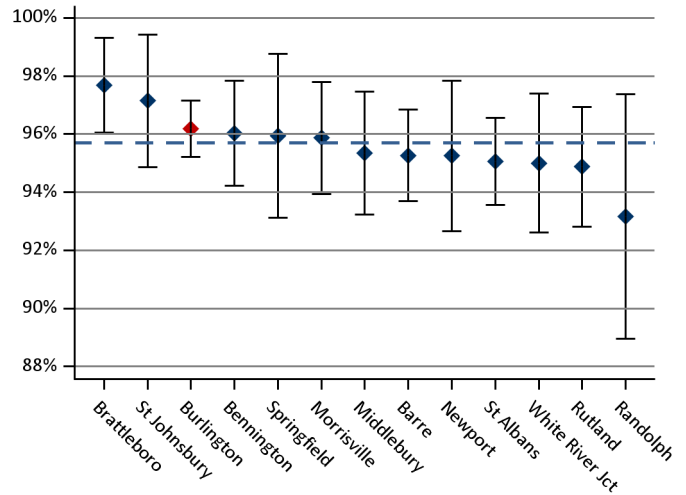
Figure 12: Presents the proportion, including 95% confidence intervals, of continuously enrolled females, ages 16–24 years, who were identified as sexually active and who had at least one test for chlamydia during the measurement year. (Note that, due to the age ranges for this ACO measure, females above the age of 17 years, not typically represented in pediatric profiles, are included in these rates.) The blue dashed line indicates the statewide average.

**Appropriate Testing for Pharyngitis (Core-13)**



**Figure 13:** Presents the proportion, including 95% confidence intervals, of children, ages 2–17 years, who were diagnosed with pharyngitis, dispensed an antibiotic, and received a Group A streptococcus (strep) test for the episode. A higher rate represents appropriate testing for children with pharyngitis. The blue dashed line indicates the statewide average.

**Appropriate Treatment for Upper Respiratory Infection**



**Figure 14:** Presents the proportion, including 95% confidence intervals, of children, ages 1–17 years, who were diagnosed with upper respiratory infection (URI) and were not dispensed an antibiotic prescription. A higher rate indicates appropriate treatment of children with URI (i.e., the proportion for whom antibiotics were not prescribed). The blue dashed line indicates the statewide average.

The following tables provide greater detail on the annual rates presented in the preceding figures.

**Table 2. Expenditure Measures (Adjusted)**

Measure	HSA			Statewide		
	Rate per Capita	95% LCL	95% UCL	Rate per Capita	95% LCL	95% UCL
Total	\$3,841	\$3,737	\$3,946	\$3,892	\$3,838	\$3,946
Inpatient Total	\$245	\$186	\$305	\$252	\$223	\$280
Inpatient Mental Health	\$84	\$51	\$118	\$82	\$65	\$98
Inpatient Maternity	\$1	\$1	\$2	\$3	\$2	\$4
Inpatient Surgical	\$79	\$35	\$124	\$84	\$66	\$103
Inpatient Medical	\$88	\$59	\$117	\$86	\$72	\$99
Outpatient Total	\$387	\$368	\$406	\$430	\$421	\$440
Outpatient Hospital Mental Health	\$10	\$9	\$11	\$15	\$14	\$16
Outpatient Hospital ED	\$108	\$101	\$114	\$121	\$118	\$124
Outpatient Hospital Surgery	\$81	\$70	\$92	\$108	\$102	\$114
Outpatient Hospital Radiology	\$46	\$40	\$52	\$52	\$49	\$54
Outpatient Hospital Laboratory	\$38	\$35	\$40	\$39	\$38	\$41
Outpatient Hospital Pharmacy	\$24	\$18	\$31	\$16	\$14	\$19
Outpatient Hospital Other	\$75	\$69	\$82	\$78	\$75	\$82
Professional Non-Mental Health Total	\$572	\$562	\$582	\$563	\$558	\$567
Professional Physician Total	\$378	\$371	\$385	\$370	\$367	\$374
Professional Physician Inpatient	\$14	\$10	\$17	\$16	\$14	\$18
Professional Physician Outpatient Facility	\$64	\$61	\$68	\$60	\$58	\$61
Professional Physician Office Visit	\$270	\$265	\$274	\$257	\$255	\$259
Professional Non-Physician	\$193	\$187	\$198	\$191	\$188	\$193
Professional Mental Health Provider	\$207	\$198	\$216	\$199	\$195	\$204
Pharmacy Total	\$379	\$365	\$392	\$407	\$400	\$415
Pharmacy Psych Medication	\$153	\$145	\$162	\$173	\$168	\$178
Other Total	\$40	\$35	\$44	\$43	\$40	\$45
Special Medicaid Services	\$2,067	\$1,972	\$2,161	\$2,025	\$1,976	\$2,074
Mental Health Substance Combined*	\$404	\$388	\$421	\$430	\$421	\$440

\* The *Mental Health Substance Combined* measure is the sum of all expenditures associated with medical and pharmacy services for mental health / substance abuse.

**Table 3. Total Resource Use Index (RUI) (Adjusted)**

Measure	HSA			Statewide		
	Index Ratio	95% LCL	95% UCL	Index Ratio	95% LCL	95% UCL
Total	0.97	0.95	0.99	1.00	0.99	1.01
Inpatient	0.87	0.68	1.06	1.00	0.90	1.10
Outpatient Facility	0.95	0.90	1.01	1.00	0.97	1.03
Professional	1.01	0.99	1.03	1.00	0.99	1.01
Pharmacy	0.93	0.90	0.96	1.00	0.98	1.02

**Table 4. Utilization Measures (Adjusted)**

Measure	HSA			Statewide		
	Rate per 1,000	95% LCL	95% UCL	Rate per 1,000	95% LCL	95% UCL
Inpatient Discharges	13.1	11.4	14.8	15.7	14.8	16.7
Inpatient Days	99.7	95.0	104.3	114.0	111.4	116.5
Outpatient ED Visits	279.4	271.6	287.2	339.8	335.4	344.2
Outpatient Potentially Avoidable ED Visits	63.5	59.7	67.2	78.9	76.8	81.1
Non-Hospital Outpatient Visits	5,877.9	5,842.1	5,913.6	5,728.2	5,710.1	5,746.3
Primary Care Encounters	3,379.0	3,351.9	3,406.2	3,367.7	3,353.8	3,381.5
Medical Specialist Encounters	275.9	268.1	283.6	323.1	318.9	327.4
Surgical Specialist Encounters	237.7	230.5	244.9	261.7	257.9	265.6
Standard Imaging	218.5	211.6	225.4	273.5	269.5	277.4
Advanced Imaging	25.9	23.5	28.2	33.3	31.9	34.7
Echography	47.7	44.4	50.9	45.6	44.0	47.2
Colonoscopy	1.9	1.2	2.5	1.6	1.3	1.9

**Table 5. Effective, Preventive, & ACO Measures**

Measure	HSA				Statewide			
	N	Rate %	95% LCL	95% UCL	N	Rate %	95% LCL	95% UCL
Well-Child Visits	3,774	78%	77%	80%	14,274	73%	72%	73%
Well-Child Visits - Commercial	1,455	85%	83%	87%	3,924	80%	79%	81%
Well-Child Visits - Medicaid	2,319	74%	72%	76%	10,350	70%	69%	71%
Adolescent Well-Care Visit (Core-2)	8,660	56%	55%	57%	33,133	52%	51%	52%
Adolescent Well-Care Visit - Commercial	4,452	58%	57%	60%	13,142	55%	54%	56%
Adolescent Well-Care Visit - Medicaid	4,208	53%	52%	55%	19,991	50%	49%	51%
Developmental Screening in First 3 Years of Life (Core-8)	2,988	74%	72%	75%	10,876	58%	57%	59%
Developmental Screening - Commercial	1,205	78%	75%	80%	3,035	66%	65%	68%
Developmental Screening - Medicaid	1,783	71%	69%	73%	7,841	55%	53%	56%
Chlamydia Screening in Women (Core-7)	2,612	51%	49%	53%	9,518	47%	46%	48%
Chlamydia Screening in Women - Commercial	1,637	48%	45%	50%	4,555	45%	43%	46%
Chlamydia Screening in Women - Medicaid	975	57%	54%	60%	4,963	49%	48%	51%
Appropriate Testing for Pharyngitis (Core-13)	591	86%	83%	89%	2,974	85%	84%	86%
Appropriate Testing for Pharyngitis - Commercial	268	81%	76%	86%	840	82%	79%	85%
Appropriate Testing for Pharyngitis - Medicaid	323	91%	87%	94%	2,134	86%	85%	88%
Appropriate Treatment for Upper Respiratory Infection	1,596	96%	95%	97%	6,781	96%	95%	96%
Appropriate Treatment for Upper Respiratory Infection - Commercial	550	95%	93%	97%	1,538	95%	94%	96%
Appropriate Treatment for Upper Respiratory Infection - Medicaid	1,046	97%	96%	98%	5,243	96%	95%	96%



Table 6. ACO and APM Measures Reference Table

VT Measure ID	Medicare Shared Savings Program Measure ID	Measure Name	Nationally Recognized/ Endorsed	Included in HSA Profile?	Measure Description
Core-1		Plan All-Cause Readmissions	NQF #1768, HEDIS measure	Adult	For members 18 years and older, the number of acute inpatient stays during the measurement year that were followed by an acute readmission for any diagnosis within 30 days.
Core-2		Adolescent Well-Care Visit	HEDIS measure	Pediatric	The percentage of members 12-21 years who had at least one comprehensive well-care visit with a PCP or OB/GYN during the measurement year.
Core-3	MSSP-29	Ischemic Vascular Disease (IVD): Complete Lipid Panel (Screening Only)	NQF #0075, NCQA	Adult	The percentage of members 18-75 years who were discharged alive for acute myocardial infarction, coronary artery bypass grafting, or percutaneous coronary intervention in the year prior to the measurement year or who had a diagnosis of Ischemic Vascular Disease during the measurement year and one year prior, who had LDL-C screening.
Core-4		Follow-up after Hospitalization for Mental Illness, 7 Day	NQF #0576, HEDIS measure	Adult	The percentage of discharges for members 6 years and older who were hospitalized for treatment of selected mental illness diagnoses and who had an outpatient visit, an intensive outpatient encounter, or partial hospitalization with a mental health practitioner.
Core-5		Initiation & Engagement of Alcohol and Other Drug Dependence Treatment (a) Initiation, (b) Engagement	NQF #0004, HEDIS measure	Adult	(a) The percentage of adolescent and adult members with a new episode of alcohol or other drug (AOD) dependence who received initiation of AOD treatment within 14 days. (b) The percentage of adolescent and adult members with a new episode of alcohol or other drug (AOD) dependence who initiated treatment and had two additional services with a diagnosis of AOD within 30 days of the initiation visit.
Core-6		Avoidance of Antibiotic Treatment for Adults with Acute Bronchitis	NQF #0058, HEDIS measure	Adult	The percentage of adults 18-64 years with a diagnosis of acute bronchitis who were not dispensed an antibiotic.
Core-7		Chlamydia Screening in Women	NQF #0033, HEDIS measure	Adult and Pediatric	The percentage of women 16-24 years who were identified as sexually active and who had at least one test for chlamydia during the measurement period.
Core-8		Developmental Screening in the First Three Years of Life	NQF #1448	Pediatric	The percentage of children screened for risk of developmental, behavioral, and social delays using a standardized screening tool in the 12 months preceding their first, second, or third birthday.
Core-10	MSSP-9	Ambulatory Sensitive Condition Admissions: Chronic Obstructive Pulmonary Disease or Asthma in Older Adults	NQF, AHRQ (Prevention Quality Indicator (PQI) #5)	Adult	All discharges with an ICD-9-CM principal diagnosis code for COPD or asthma in adults ages 40 years and older, for ACO assigned or aligned Medicare fee-for-service (FFS) beneficiaries with COPD or asthma. This is an observed rate of discharges per 1,000 members.
Core-11	MSSP-20	Mammography / Breast Cancer Screening	NQF #2372, HEDIS measure	Adult	The percentage of women 50-74 years who had a mammogram to screen for breast cancer in the last two years.
Core-12		Rate of Hospitalization for Ambulatory Care Sensitive Conditions: PQI Chronic Composite	NQF, AHRQ (Prevention Quality Indicator (PQI) Chronic Composite)	Adult	Prevention Quality Indicators' (PQI) overall composite per 1,000 population, ages 18 years and older; includes admissions for one of the following conditions: diabetes with short-term complications, diabetes with long-term complications, uncontrolled diabetes without complications, diabetes with lower-extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, angina without a cardiac procedure, dehydration, bacterial pneumonia, or urinary tract infection.

Table 6. ACO and APM Measures Reference Table, Continued

VT Measure ID	Medicare Shared Savings Program Measure ID	Measure Name	Nationally Recognized/ Endorsed	Included in HSA Profile?	Measure Description
Core-13		Appropriate Testing for Children with Pharyngitis	NQF #0002	Pediatric	Percentage of children 2-18 years who were diagnosed with pharyngitis, dispensed an antibiotic and received a group A strep test for the episode.
Core-14		Childhood Immunization Status (Combo 10)	NQF #0038, HEDIS measure	No	The percentage of children 2 years who had each of nine key vaccinations (e.g., MMR, HiB, HepB, etc.).
Core-15		Pediatric Weight Assessment and Counseling	NQF #0024	No	The percentage of members 3-17 years who had an outpatient visit with a PCP or OB/GYN and who had evidence of BMI percentile documentation, counseling for nutrition, and counseling for physical activity.
Core-17	MSSP-27	Diabetes Mellitus: Hemoglobin A1c Poor Control (>9%)	NQF #0059, NCQA	Adult	Percentage of members 18-75 years with diabetes whose HbA1c was in poor control >9%.
Core-18	MSSP-19	Colorectal Cancer Screening	NQF #0034, NCQA HEDIS measure	No	The percentage of members 50-75 years who had appropriate screening for colorectal cancer.
Core-19	MSSP-18	Depression Screening and Follow-Up	NQF #0418, CMS	No	The percentage of members 12 years and older who had negative screening or positive screening for depression completed in the measurement year with an age-appropriate standardized tool. Follow-up for positive screening must be documented same day as screening.
Core-20	MSSP-16	Adult Weight Screening and Follow-Up	NQF #0421, CMS	No	The percentage of members 18 years and older who had BMI calculated during the last visit in the measurement year or within the prior 6 months. In cases where the BMI is abnormal, a follow-up plan must be documented during the visit the BMI was calculated or within the prior 6 months.
Core-21		Access to Care Composite	NCQA	No	NCQA Survey - percentage of members who could get appointments or answers to questions from providers when needed.
Core-22		Communication Composite	NCQA	No	NCQA Survey - percentage of members who felt they received good communication from providers.
Core-23		Shared Decision-Making Composite	NCQA	No	NCQA Survey - percentage of members whose provider helped them make decisions about prescription medications.
Core-24		Self-Management Support Composite	NCQA	No	NCQA Survey - percentage of members whose provider talked to them about specific health goals and barriers.
Core-25		Comprehensiveness Composite	NCQA	No	NCQA Survey - percentage of members whose provider talked to them about depression, stress, and other mental health issues.
Core-26		Office Staff Composite	NCQA	No	NCQA Survey - percentage of members who found the clerks and receptionists at their provider's office to be helpful and courteous.
Core-27		Information Composite	NCQA	No	NCQA Survey - percentage of members who received information from their provider about what to do if care was needed in the off hours and reminders between visits.

**Table 6. ACO and APM Measures Reference Table, Continued**

VT Measure ID	Medicare Shared Savings Program Measure ID	Measure Name	Nationally Recognized/ Endorsed	Included in HSA Profile?	Measure Description
Core-28		Coordination of Care Composite	NCQA	No	NCQA Survey - percentage of members whose providers followed-up about test results, seemed informed about specialty care, and talked at each visit about prescription medication.
Core-29		Specialist Composite	NCQA	No	NCQA Survey - percentage of members who found it easy to get appointments with specialists and who found that their specialist seemed to know important information about their medical history.
Core-30		Cervical Cancer Screening	NQF #0032, HEDIS measure	Adult	The percentage of females 21-64 years who received one or more PAP tests to screen for cervical cancer in the measurement year or two years prior to the measurement year.
Core-31	MSSP-30	Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic	NQF #0068, NCQA	No	Percentage of members 18 years and older with IVD who had documentation of using aspirin or another antithrombotic during the measurement year.
Core-35	MSSP-14	Influenza Vaccination	NQF #0041, AMA-PCPI	Adult	Percentage of members 6 months and older with an outpatient visit between October and March who received an influenza vaccine.
Core-36	MSSP-17	Tobacco Use Assessment and Cessation Intervention	NQF #0028, AMA-PCPI	No	Percentage of members 18 years and older who had a negative tobacco screen or positive tobacco screen with cessation intervention in the two years prior to the measurement year.
Core-38	MSSP-32	Drug Therapy for Lowering LDL Cholesterol	NQF #0074	No	Percentage of members 18 years and older with a diagnosis of CAD and an outpatient visit in the measurement year whose LDL-C <100 mg/dL or LDL-C ≥100 mg/dL and who received a prescription of a statin in the measurement year.
Core-38	MSSP-33	ACE Inhibitor or ARB Therapy for Members with CAD and Diabetes and/or Left Ventricular Systolic Dysfunction (LVSD)	NQF #0066	No	Percentage of members 18 years and older with a diagnosis of CAD and a Left Ventricular Ejection Fraction (LVEF) < 40% or diagnosis of CAD and diabetes who received a prescription of ACE/ARB medication in the measurement year.
Core-39	MSSP-28	Percent of Beneficiaries With Hypertension Whose BP < 140/90 mmHg	NQF #0018, NCQA HEDIS measure	Adult	Percentage of members 18-85 years with hypertension whose BP was in control <140/90 mmHg.
Core-40	MSSP-21	Screening for High Blood Pressure and Follow-Up Plan Documented	Not NQF-endorsed; MSSP	No	Percentage of members 18 years and older seen during the measurement period who were screened for high blood pressure and a recommended follow-up plan is documented based on the current blood pressure reading as indicated.
Core-47	MSSP-13	Falls: Screening for Fall Risk	NQF #0101	No	Percentage of members 65 years and older who had any type of falls screening in the measurement year.
Core-48	MSSP-15	Pneumonia Vaccination (Ever Received)	NQF #0043	Adult	The percentage of members 65 years and older who had documentation of ever receiving a pneumonia vaccine.
Core-53		Diabetes Care Two-Part Composite	NQF #0059 and #0055	Adult	The percentage of members 18-75 years with diabetes who have a valid HbA1c less than or equal to 9% and who received an eye exam for diabetic retinal disease during the measurement year.
	MSSP-1	CG CAHPS: Getting Timely Care, Appointments, and Information	NQF #0005, AHRQ	No	CMS Survey - Getting Timely Care, Appointments, and Information
	MSSP-2	CG CAHPS: How Well Your Doctors Communicate	NQF #0005, AHRQ	No	CMS Survey - How Well Your Doctors Communicate

**Table 6. ACO and APM Measures Reference Table, Continued**

VT Measure ID	Medicare Shared Savings Program Measure ID	Measure Name	Nationally Recognized/ Endorsed	Included in HSA Profile?	Measure Description
	MSSP-3	CG CAHPS: Patients' Rating of Doctor	NQF #0005, AHRQ	No	CMS Survey - Patients' Rating of Doctor
	MSSP-4	CG CAHPS: Access to Specialists	NQF #0005, AHRQ	No	CMS Survey - Access to Specialists
	MSSP-5	CG CAHPS: Health Promotion and Education	NQF #0005, AHRQ	No	CMS Survey - Health Promotion and Education
	MSSP-6	CG CAHPS: Shared Decision Making	NQF #0005, AHRQ	No	CMS Survey - Shared Decision Making
	MSSP-7	CG CAHPS: Health Status / Functional Status	NQF #0006, AHRQ	No	CMS Survey - Health Status/Functional Status
	MSSP-8	Risk-Standardized, All Condition Readmission	CMS, not submitted to NQF (adapted from NQF #1789)	No	All discharges with an ICD-9-CM principal diagnosis code for COPD or asthma in adults ages 40 years and older, for ACO assigned or aligned Medicare fee-for-service (FFS) beneficiaries with COPD or asthma. This is an observed rate of discharges per 1,000 members.
	MSSP-10	Ambulatory Sensitive Condition Admissions: Congestive Heart Failure	NQF #0277, AHRQ (Prevention Quality Indicator (PQI) #8)	Adult	All discharges with an ICD-9-CM principal diagnosis code for CHF in adults ages 18 years and older, for ACO assigned or aligned Medicare fee-for-service (FFS) beneficiaries with CHF. This is an observed rate of discharges per 1,000 members.
	MSSP-11	Percent of Primary Care Physicians who Successfully Qualify for an EHR Program Incentive Payment	CMS EHR Incentive Program Reporting	No	Percentage of Accountable Care Organization (ACO) primary care physicians (PCPs) who successfully qualify for either a Medicare or Medicaid Electronic Health Record (EHR) Program incentive payment.
	MSSP-12	Medication Reconciliation: Reconciliation After Discharge from an Inpatient Facility	NQF #0554	No	Percentage of members 65 years and older who were discharged from any inpatient facility in the measurement year and had an outpatient visit within 30 days of the discharge who had documentation in the outpatient medical record of reconciliation of discharge medications with current outpatient medications during a visit within 30 days of discharge.
	MSSP-24	Diabetes: Blood Pressure Control		Adult	Percentage of members 18-75 years with diabetes who had blood pressure <140/90 mmHg at most recent visit.
	MSSP-25	Diabetes: Tobacco Non-Use		Adult	Percentage of members 18-75 years with diabetes who were identified as a non-user of tobacco in measurement year.
	MSSP-31	Heart Failure: Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)	NQF #0083	No	Percentage of members 18 years and older with a diagnosis of heart failure who also had LVSD (LVEF < 40%) and who were prescribed beta-blocker therapy.
		Comprehensive Diabetes Care: Eye Exams for Diabetics	NQF #0055, HEDIS measure	Adult	Percentage of members with diabetes 18-75 years who received an eye exam for diabetic retinal disease during the measurement year.
M&E-3		Comprehensive Diabetes Care: Medical Attention for Nephropathy	NQF #0062, HEDIS measure	Adult	Percentage of members with diabetes 18-75 years who received a nephropathy screening test during the measurement year.

The following tables provide risk-adjusted rates for selected quality measures, which are not represented in the preceding figures.

**Table 7. Risk-Adjusted Quality Measures: Developmental Screening in First 3 Years of Life (Core-8)**

HSA	Jul. 2015-Jun. 2016		Jan. 2016-Dec. 2016		Trend
	Rate %	N	Rate %	N	Rate Difference
Barre	58.0%	1,172	62.9%	1,105	4.9%
Bennington	46.5%	718	50.9%	697	4.4%
Brattleboro	50.3%	686	53.7%	640	3.4%
Burlington	60.8%	3,261	64.3%	2,988	3.5%
Middlebury	55.8%	701	59.2%	648	3.5%
Morrisville	52.8%	594	54.1%	575	1.3%
Newport	33.7%	471	39.9%	425	6.1%
Randolph	42.8%	287	52.5%	276	9.7%
Rutland	48.6%	1,268	53.0%	1,164	4.4%
Springfield	46.2%	391	49.7%	256	3.6%
St Albans	50.4%	922	52.6%	932	2.2%
St Johnsbury	46.6%	594	52.5%	565	5.8%
White River Jct	55.9%	609	59.7%	605	3.8%

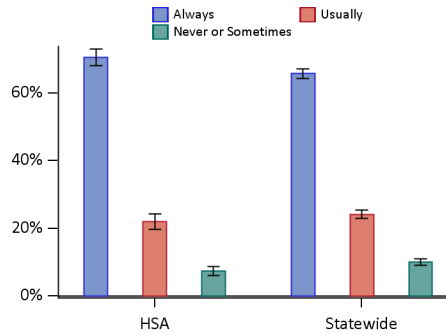
\* Cells with less than 11 in the numerator or less than 30 in the denominator are left blank due to either insufficient data or confidentiality requirements.

**Table 8. Risk-Adjusted Quality Measures: Adolescent Well-Care Visits (Core-2)**

HSA	Jul. 2015-Jun. 2016		Jan. 2016-Dec. 2016		Trend
	Rate %	N	Rate %	N	Rate Difference
Barre	41.5%	2,964	53.3%	3,506	11.8%
Bennington	39.9%	1,910	50.8%	2,155	11.0%
Brattleboro	40.8%	1,609	51.9%	1,711	11.0%
Burlington	41.1%	7,051	52.5%	8,660	11.4%
Middlebury	40.8%	1,656	52.3%	1,905	11.4%
Morrisville	40.2%	1,691	50.6%	1,923	10.4%
Newport	37.7%	1,363	49.3%	1,490	11.5%
Randolph	40.1%	712	50.7%	805	10.6%
Rutland	40.3%	3,389	51.4%	3,481	11.1%
Springfield	39.6%	1,225	49.7%	1,186	10.1%
St Albans	39.9%	2,086	51.2%	2,394	11.3%
St Johnsbury	40.3%	1,706	51.5%	1,765	11.2%
White River Jct	41.5%	1,977	52.6%	2,152	11.1%

\* Cells with less than 11 in the numerator or less than 30 in the denominator are left blank due to either insufficient data or confidentiality requirements.

**Patient Experience Survey: Access to Care Composite**

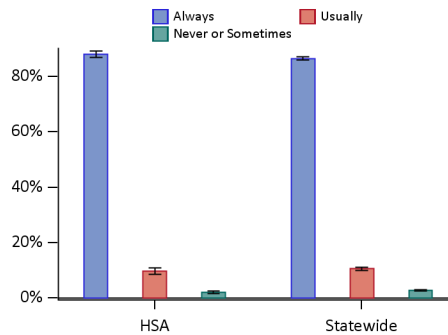


*Figure 15: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Access to Care on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 9. Patient Experience Survey: Access to Care Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, when you phoned this provider's office after regular office hours, how often did you get an answer to your medical question as soon as you needed?	Always	98	79%	9%	302	73%	5%
	Usually	98	17%	8%	302	18%	5%
	Never or Sometimes				302	9%	3%
In the last 12 months, when you phoned this provider's office to get an appointment for care you needed right away, how often did you get an appointment as soon as you needed?	Always	253	84%	5%	921	72%	3%
	Usually	253	15%	5%	921	20%	3%
	Never or Sometimes				921	9%	2%
In the last 12 months, when you phoned this provider's office during regular office hours, how often did you get an answer to your medical question that same day?	Always	279	80%	5%	976	74%	3%
	Usually	279	15%	4%	976	20%	3%
	Never or Sometimes	279	4%	3%	976	7%	2%
In the last 12 months, when you phoned this provider's office to get an appointment for a check-up or routine care with this provider, how often did you get an appointment as soon as you needed?	Always	400	65%	5%	1,573	67%	2%
	Usually	400	27%	4%	1,573	25%	2%
	Never or Sometimes	400	8%	3%	1,573	8%	1%
Wait time includes time spent in the waiting room and exam room. In the last 12 months, how often did you see this provider within 15 minutes of your appointment time?	Always	498	45%	4%	1,951	43%	2%
	Usually	498	36%	4%	1,951	38%	2%
	Never or Sometimes	498	19%	4%	1,951	19%	2%

**Patient Experience Survey: Communication Composite**

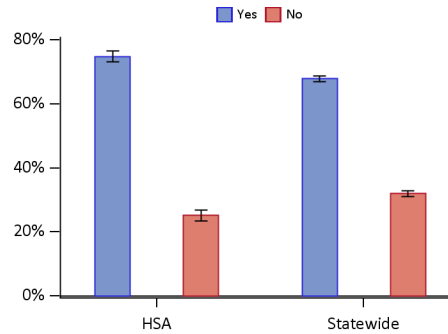


*Figure 16: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Communication on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 10. Patient Experience Survey: Communication Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, how often did this provider give you easy to understand information about these health questions or concerns?	Always	358	89%	3%	1,448	88%	2%
	Usually	358	9%	3%	1,448	10%	2%
	Never or Sometimes				1,448	2%	1%
In the last 12 months, how often did this provider listen carefully to you?	Always	496	90%	3%	1,943	89%	1%
	Usually	496	8%	3%	1,943	9%	1%
	Never or Sometimes				1,943	2%	1%
In the last 12 months, how often did this provider seem to know the important information about your medical history?	Always	497	75%	4%	1,936	75%	2%
	Usually	497	20%	4%	1,936	19%	2%
	Never or Sometimes	497	5%	2%	1,936	6%	1%
In the last 12 months, how often did this provider spend enough time with you?	Always	497	89%	3%	1,941	87%	2%
	Usually	497	10%	3%	1,941	11%	1%
	Never or Sometimes				1,941	2%	1%
In the last 12 months, how often did this provider show respect for what you had to say?	Always	497	94%	2%	1,942	92%	1%
	Usually	497	4%	2%	1,942	6%	1%
	Never or Sometimes				1,942	2%	1%
In the last 12 months, how often did this provider explain things in a way that was easy to understand?	Always	500	92%	3%	1,959	90%	1%
	Usually	500	7%	2%	1,959	9%	1%
	Never or Sometimes				1,959	2%	1%

**Patient Experience Survey: Comprehensiveness Developmental Composite**



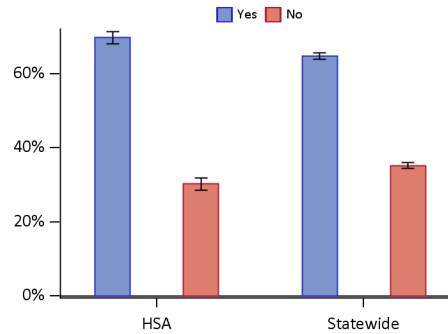
*Figure 17: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Developmental Comprehensiveness on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 11. Patient Experience Survey: Comprehensiveness Developmental Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, did you and anyone in this provider's office talk about your child's learning ability?	Yes	494	61%	4%	1,936	52%	2%
	No	494	39%	4%	1,936	48%	2%
In the last 12 months, did you and anyone in this provider's office talk about your child's moods and emotions?	Yes	495	77%	4%	1,940	70%	2%
	No	495	23%	4%	1,940	30%	2%
In the last 12 months, did you and anyone in this provider's office talk about the kinds of behaviors that are normal for your child at this age?	Yes	495	80%	4%	1,935	72%	2%
	No	495	20%	4%	1,935	28%	2%
In the last 12 months, did you and anyone in this provider's office talk about how your child's body is growing?	Yes	496	88%	3%	1,944	83%	2%
	No	496	13%	3%	1,944	17%	2%
In the last 12 months, did you and anyone in this provider's office talk about how your child gets along with others?	Yes	497	69%	4%	1,942	63%	2%
	No	497	31%	4%	1,942	37%	2%



**Patient Experience Survey: Comprehensiveness Prevention Questions**

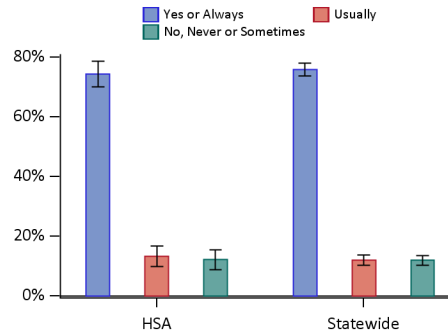


*Figure 18: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Prevention Comprehensiveness on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 12. Patient Experience Survey: Comprehensiveness Prevention Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, did you and anyone in this provider’s office talk about things you can do to keep your child from getting injured?	Yes	491	68%	4%	1,935	62%	2%
	No	491	32%	4%	1,935	38%	2%
In the last 12 months, did anyone in this provider’s office give you information about how to keep your child from getting injured?	Yes	492	61%	4%	1,932	52%	2%
	No	492	39%	4%	1,932	48%	2%
In the last 12 months, did you and anyone in this provider’s office talk about whether there are any problems in your household that might affect your child?	Yes	493	62%	4%	1,936	57%	2%
	No	493	38%	4%	1,936	43%	2%
In the last 12 months, did you and anyone in this provider’s office talk about how much time your child spends on a computer and in front of a TV?	Yes	494	64%	4%	1,935	63%	2%
	No	494	36%	4%	1,935	37%	2%
In the last 12 months, did you and anyone in this provider’s office talk about how much or what kind of exercise your child gets?	Yes	498	75%	4%	1,944	74%	2%
	No	498	25%	4%	1,944	26%	2%
In the last 12 months, did you and anyone in this provider’s office talk about how much or what kind of food your child eats?	Yes	498	87%	3%	1,940	82%	2%
	No	498	13%	3%	1,940	18%	2%

**Patient Experience Survey: Coordinated Care Composite**

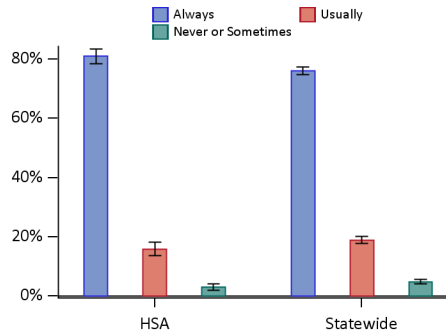


*Figure 19: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Coordinated Care on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 13. Patient Experience Survey: Coordinated Care Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, when this provider ordered a blood test, x-ray or other test for you, how often did someone from this provider's office follow up to give you those results?	Yes or Always	89	79%	9%	451	78%	4%
	Usually				451	12%	3%
	No, Never or Sometimes				451	11%	3%
In the last 12 months, how often did the provider named in Question 1 seem informed and up-to-date about the care you got from specialists?	Yes or Always	133	53%	9%	472	60%	5%
	Usually	133	30%	8%	472	25%	4%
	No, Never or Sometimes	133	17%	7%	472	16%	3%
In the last 12 months, did you and anyone in this provider's office talk at each visit about all the prescription medicines you were taking?	Yes or Always	226	91%	4%	938	90%	2%
	No, Never or Sometimes	226	9%	4%	938	10%	2%

**Patient Experience Survey: Office Staff Composite**

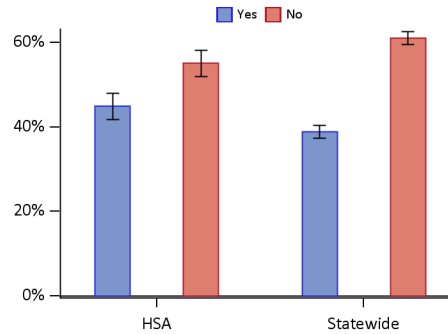


*Figure 20: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Office Staff on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 14. Patient Experience Survey: Office Staff Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, how often were the clerks and receptionists at this provider’s office as helpful as you thought they should be?	Always	498	76%	4%	1,947	71%	2%
	Usually	498	20%	4%	1,947	23%	2%
	Never or Sometimes	498	4%	2%	1,947	6%	1%
In the last 12 months, how often did clerks and receptionists at this provider’s office treat you with courtesy and respect?	Always	498	86%	3%	1,944	82%	2%
	Usually	498	12%	3%	1,944	15%	2%
	Never or Sometimes				1,944	3%	1%

**Patient Experience Survey: Self Management Composite**

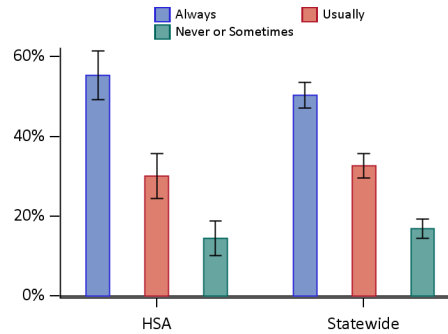


*Figure 21: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Self Management on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 15. Patient Experience Survey: Self Management Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, did anyone in this provider's office ask you if there are things that make it hard for you to take care of your health?	Yes	493	35%	4%	1,928	29%	2%
	No	493	65%	4%	1,928	71%	2%
In the last 12 months, did anyone in this provider's office talk with you about specific goals for your health?	Yes	495	55%	4%	1,933	49%	2%
	No	495	45%	4%	1,933	51%	2%

**Patient Experience Survey: Specialist Composite**

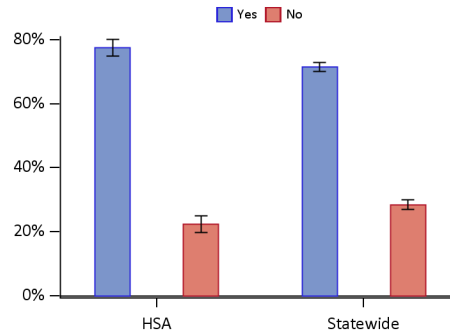


**Figure 22:** Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Specialists on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.

**Table 16.** Patient Experience Survey: Specialist Questions

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
In the last 12 months, how often did the specialist you saw most seem to know the important information about your medical history?	Always	133	58%	9%	476	53%	5%
	Usually	133	30%	8%	476	32%	4%
	Never or Sometimes	133	12%	6%	476	16%	3%
In the last 12 months, how often was it easy to get appointments with specialists?	Always	136	53%	9%	487	48%	5%
	Usually	136	30%	8%	487	34%	4%
	Never or Sometimes	136	17%	7%	487	18%	4%

**Patient Experience Survey: Information**



*Figure 23: Presents the composite proportion, including the 95% confidence interval, of the given response to the questions associated with Information on the behalf of children less than 18 years. The composite proportion is given by the average of the corresponding proportions of the associated questions.*

**Table 17. Patient Experience Survey: Information Questions**

Question & Answer		HSA			Statewide		
		N	%	Error (+/-)	N	%	Error (+/-)
Some offices remind patients between visits about tests, treatment or appointments. In the last 12 months, did you get any reminders from this provider's office between visits?	Yes	498	72%	4%	1,948	64%	2%
	No	498	28%	4%	1,948	36%	2%
Did this provider's office give you information about what to do if you needed care during evenings, weekends, or holidays?	Yes	499	83%	3%	1,952	79%	2%
	No	499	17%	3%	1,952	21%	2%

**Table 18.** HSA Practice List

VT Practice ID	Practice Name
VT03	Family Medicine - Colchester
VT04	Adult Primary Care - Essex
VT05	Adult Primary Care - Burlington
VT06	Family Medicine - South Burlington
VT104	Alder Brook Family Health
VT110	Family Medicine - Hinesburg
VT117	Appletree Bay Primary Care
VT139	Richmond Family Medicine
VT156	Thomas Chittenden Health Care (TCHC)
VT160	Pediatric Primary Care - Burlington
VT161	Pediatric Primary Care - Williston
VT21	Riverside Health Center
VT212	Champlain Center for Natural Medicine
VT216	Mountain View Natural Medicine
VT22	Timber Lane Pediatrics
VT23	Timber Lane North Peds
VT26	Adult Primary Care - South Burlington
VT265	South End Health Center
VT27	Adult Primary Care - Williston
VT272	Good Health
VT28	Family Medicine - Milton
VT45	Hagan; Rinehart and Connolly Pediatricians; PLLC
VT391	Winooski Family Health - CLOSED
VT399	Charlotte Health Center
VT95	Essex Pediatrics
VT97	Evergreen Family Health