

2020 Vermont Health Care Expenditure Analysis

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Topics

- ▼ Introduction
- ▼ Interactive Resident Report-example
- ▼ Summary
- ▼ Relationship to: APM Total Cost of Care, Hospital Budgets, and Insurance Rates
- ▼ 2020 Vermont Resident Analysis
 - ▼ Spending & Growth
 - ▼ Vermont vs. National Health Expenditures (NHE)
- ▼ 2020 Vermont Provider Analysis
 - ▼ Revenues Received & Growth
 - ▼ Hospital/Physician Revenues
 - ▼ Migration of Hospital Inpatient Discharges
- ▼ 2020 Comparative Summary Resident and Provider Analysis
- ▼ 2020-2022 Resident and Provider Projections
- ▼ Appendix

2020 Vermont Health Care Expenditure Analysis-Intro



The *Vermont Health Care Expenditure Analysis (VHCEA)* is required under 18 V.S.A. §9375a § 9383.

Since 1991, the Board has been tasked with developing an annual expenditure analysis, as well as estimates of future health care spending.

The report is a consistent model:

- Examines trends in spending and sources of funds, analyzes broad sectors including hospitals, physician services, mental health, home health, and pharmacy. It also analyzes payers including Medicare, Medicaid, commercial plans, self-insured employers, and health maintenance organizations;
- Quantifies total spending for all health care services provided in Vermont for residents and non-residents, and for services provided to Vermonters regardless of site of service;
- Relies on the integrity of the information collected directly from the payers and providers. In cases where limited data are available, estimates are used, such as independent physician revenues and out of pocket spending;
- Compares Vermont data to national data reflected in the National Health Accounts published by the Centers for Medicare & Medicaid Services (CMS). Vermont compares itself to the Health Consumption Expenditures (HCE) because we don't have information on the spending for investments, research, structures and equipment like the federal government.

Vermont Resident Health Care Expenditures- Interactive Report Example

Expenditure Analysis - Resident Perspective

Resident Analysis Perspective:

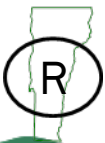
- Examines trends in spending and sources of funds, analyzes broad sectors including hospitals, physician services, mental health, home health, and pharmacy. It also analyzes payers including Medicare, Medicaid, commercial plans, self-insured employers, and health maintenance organizations;
- Quantifies total spending for all health care services provided in Vermont for residents;
- Relies on the integrity of the information collected directly from the payers and providers. In cases where limited data are available, estimates are used, such as out of pocket spending;

The following interactive report contains GMCB's Resident Expenditure Analysis visualizations. Once launched it is best viewed in full screen mode.

Launch Resident Expenditure Analysis Interactive Window

The interactive will be updated with 2020 data shortly after this publication.

[Webpage Link to Interactive Report](#)



Vermont Resident Health Care Expenditures- Interactive Report Example



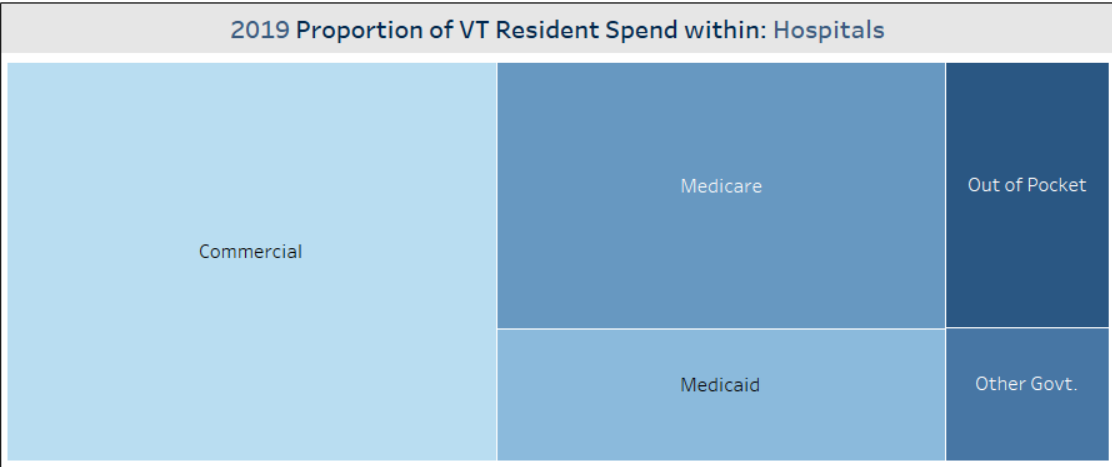
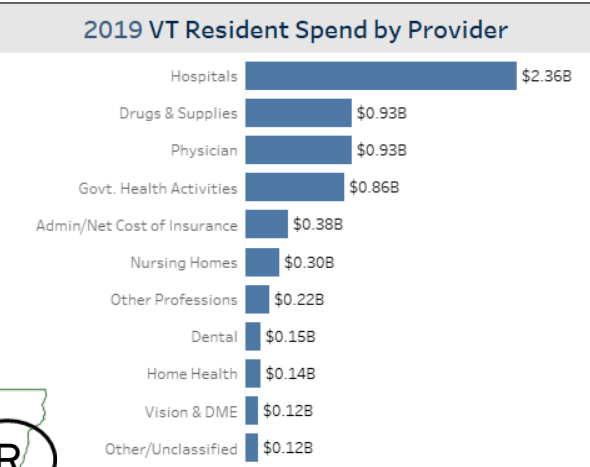
How to Use this Dashboard

Use the **YEAR FILTER** to update values on the bar chart and tree table (bottom two tables) for a particular year of interest. **Clicking** on the Provider name or its associated bar in the bar chart will update the tree map to view the spend distribution by Provider. **Hover** over tree chart for additional information.

Commercial contains: Commercial Insurers, Self-Insured & Workers' Compensation;
Other Sources contains: Other Federal, State & Local

Select Year
2019

Proportion of VT Resident Spend by Provider and Year					
	2015	2016	2017	2018	2019
Hospitals	37.8%	35.0%	36.4%	36.3%	36.2%
Physician	13.4%	14.9%	15.0%	15.0%	14.2%
Govt. Health Activities	13.1%	12.9%	13.0%	13.2%	13.2%
Drugs & Supplies	13.8%	13.0%	12.3%	12.8%	14.3%
Admin/Net Cost of Insurance	3.6%	6.2%	6.8%	6.4%	5.8%
Nursing Homes	4.8%	4.9%	4.9%	5.0%	4.6%
Dental	4.1%	4.1%	2.4%	2.4%	2.2%
Vision & DME	2.1%	2.0%	2.6%	1.8%	1.9%
Home Health	2.1%	2.4%	1.6%	2.0%	2.2%
Other/Unclassified	1.4%	1.2%	1.3%	1.4%	1.9%
Other Professions	3.7%	3.3%	3.8%	3.8%	3.4%



2020 Vermont Health Care Expenditure Analysis-Summary

Vermont resident health care spending:

- † Total spending for Vermont residents receiving health care services both in and out-of-state **decreased** 2.3% in 2020, **due to the COVID-19 pandemic**. This was lower than the 4.1% increase in 2019. The average annual increase for the period 2015 through 2020 was 2.2%.
- † Commercial insurance spending **decreased** 4.7%, mainly due to decreases in Hospitals, Physicians, Nursing Homes, Other Professionals, and Other Unclassified with increases in Admin. & Net Cost of Health, Drugs & Supplies and Home Health.
- † Medicare spending **decreased** 2.3% as a result of decreases in Nursing Homes, Hospitals, Drugs & Supplies, and Physicians with increases in Other Unclassified, Admin. & Net Cost of Health Insurance, Other Professionals, Vision & DME, and Home Health
- † Medicaid spending **decreased** 0.9 %, mainly due to decreases in Physicians, Mental Health & Other Government Activities, Dentists, and Other Professionals with reported increases in Hospitals, Nursing Homes, Drugs & Supplies (net of rebates), Admin. & Net Cost of Health Insurance Home Health, Other Unclassified , Vision & DME, and Home Health

This symbol is used when a slide is prepared from Vermont resident analysis data.



2020 Vermont Health Care Expenditure Analysis-Summary



Vermont compared to United States:

- † Vermont expenditures are compared to **U.S. health consumption** spending.
- † For 2020, Vermont **decreased** 2.3% from 2019, U.S. health consumption spending increased 4.3%. Vermont was lower than the 4.1% increase in 2019 while U.S. spending increased roughly at the same rate for 2019. U.S. spending included the COVID-19 relief funding.
- † Per capita spending (per person) in Vermont was \$9,902 a **decrease** of 5.2% over 2019. This is lower than the U.S. per capita amount of \$11,949.
- † Vermont's health share of Gross Domestic Product is 19.0% compared to the U.S. of 18.8%.

Vermont providers health care revenues received:

- † Health care service revenues received by Vermont providers for in- and out-of-state patients **decreased** 0.5% in 2020 which is an average annual increase of 3.4% for the period 2015 through 2020, **due to the COVID-19 pandemic**.
- † Growth reported in revenues for Hospitals increased 1.5%; this category includes COVID-19 provider relief funds as well as revenues for hospital-employed physicians.
- † Revenues **decreases** of 13.2% for Physicians, 6.1% for Nursing Homes, 4.7% for Home Health were some of the largest reported for 2020.

This symbol is used when a slide is prepared from Vermont provider analysis data.



VHCEA vs APM TCOC

- The All-Payer Model Total Cost of Care (APM TCOC) is a subset of the VHCEA Resident expenditures.

VHCEA – Resident side	APM TCOC
100% Vermont residents	~75% Vermont residents (excludes people without insurance and payers without data in APCD)
All of health consumption expenditures (HCE)	~ 46% of HCE (limited to medical claims for services like those covered by Medicare Parts A and B and nonclaims payments supporting primary care)
Medicare Advantage included with Medicare	Medicare Advantage included with commercial

VHCEA vs Hospital Budgets



- Hospital budgets regulated by the GMCB are a subset of the VHCEA Provider expenditures.

VHCEA – Provider side	Hospital Budgets
All Vermont facilities (e.g. Veteran’s administration, Brattleboro Retreat, Vermont Psychiatric Care Hospital)	14 community hospitals subject to GMCB regulation
Actual expenditures in calendar year 2020	Actual and budgeted expenditures based on federal fiscal years
Includes all financial information associated with facilities	Regulation based on estimated prospective growth in net patient revenue which includes commercial charges (a subset of total hospital revenue)

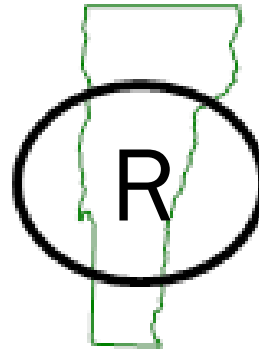
VHCEA vs Insurance Rate Review



- Expenditures associated with commercial rates regulated by the GMCB are a subset of the VHCEA Resident (and Provider) expenditures.

VHCEA	Insurance Rate Review
Includes all commercial plans	Limited to qualified health plans and fully insured products based in Vermont
Actual commercial expenditures in calendar year 2020	2021 medical expenditures were used to estimate premium for the 2023 plan year
Includes expenditures for Vermont residents (resident VHCEA) and services delivered by Vermont providers (provider VHCEA)	Members covered by these plans may not necessarily be Vermont residents (usually based on employer's location)

2020 Vermont Resident Analysis



Vermont residents receiving health care services both in and out-of-state.

Vermont Resident Health Care Expenditures 2015-2020



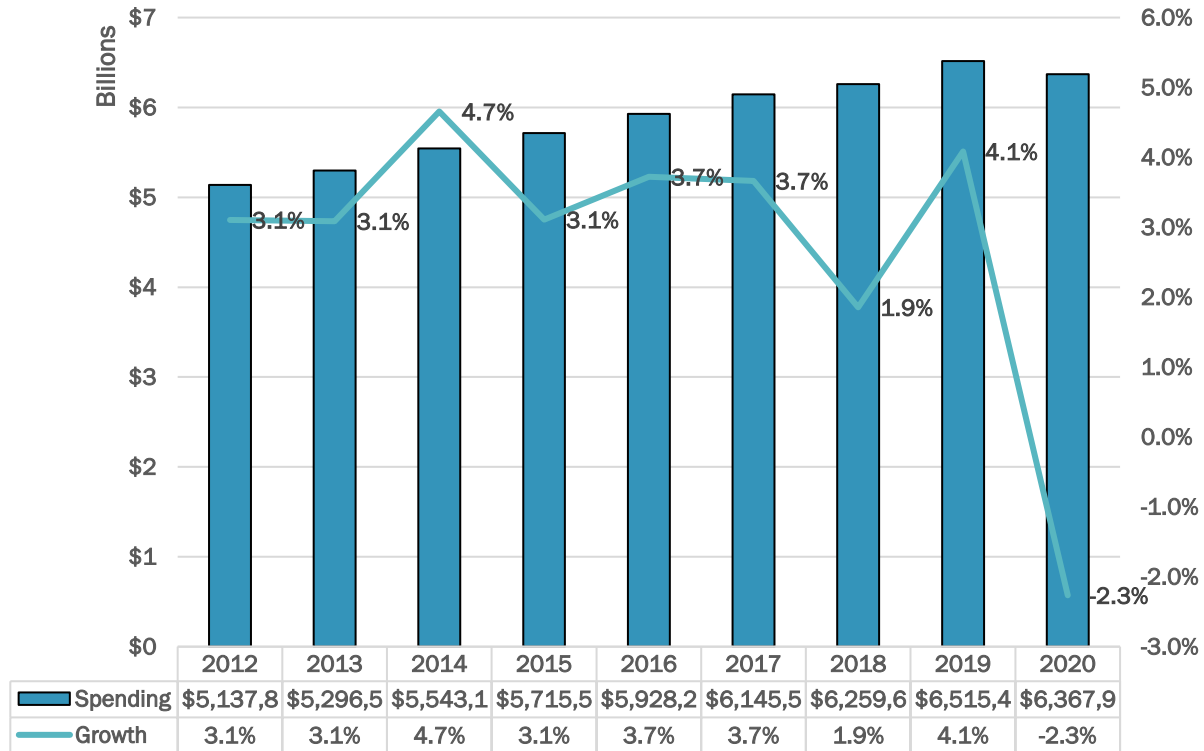
Payers	2015	2016	2017	2018	2019	2020	2019-2020 Annual Change	2015-2020 Average Annual Change
Out-of-Pocket	\$735	\$762	\$761	\$784	\$822	\$773	-5.9%	1.0%
Commercial	\$1,846	\$1,971	\$2,021	\$2,054	\$2,129	\$2,030	-4.7%	1.9%
Medicare	\$1,280	\$1,301	\$1,443	\$1,516	\$1,611	\$1,574	-2.3%	4.2%
Medicaid	\$1,631	\$1,661	\$1,657	\$1,676	\$1,725	\$1,709	-0.9%	0.9%
Other Government	\$223	\$233	\$264	\$230	\$228	\$282	23.8%	4.8%
Total Resident Expenditures	\$5,716	\$5,928	\$6,146	\$6,260	\$6,515	\$6,368	-2.3%	2.2%
Annual Percent Change	3.1%	3.7%	3.7%	1.9%	4.1%	-2.3%		

Providers & Facilities	2015	2016	2017	2018	2019	2020	2019-2020 Annual Change	2015-2020 Average Annual Change
Hospitals	\$2,161	\$2,075	\$2,235	\$2,270	\$2,361	\$2,199	-6.9%	0.4%
Physicians	\$765	\$882	\$924	\$938	\$928	\$857	-7.6%	2.3%
Dentists	\$237	\$244	\$146	\$148	\$145	\$125	-13.9%	-12.0%
Other Professionals	\$210	\$196	\$234	\$237	\$221	\$213	-3.7%	0.2%
Home Health Care	\$122	\$142	\$101	\$127	\$144	\$154	7.2%	4.7%
Drugs & Supplies	\$788	\$773	\$758	\$799	\$934	\$913	-2.2%	3.0%
Vision & DME	\$123	\$119	\$157	\$113	\$121	\$116	-4.5%	-1.1%
Nursing Homes	\$276	\$292	\$302	\$314	\$300	\$241	-19.6%	-2.7%
Other Unclassified	\$78	\$72	\$77	\$86	\$121	\$174	43.1%	17.5%
Admin & Net Cost of Health Insurance	\$206	\$366	\$416	\$402	\$378	\$531	40.5%	20.9%
Mental Health & Other Govt Activities	\$751	\$766	\$797	\$825	\$862	\$845	-1.9%	2.4%
Total Resident Expenditures	\$5,716	\$5,928	\$6,146	\$6,260	\$6,515	\$6,368	-2.3%	2.2%
Annual Percent Change	3.1%	3.7%	3.7%	1.9%	4.1%	-2.3%		

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Vermont Resident Health Care Spending 2012-2020

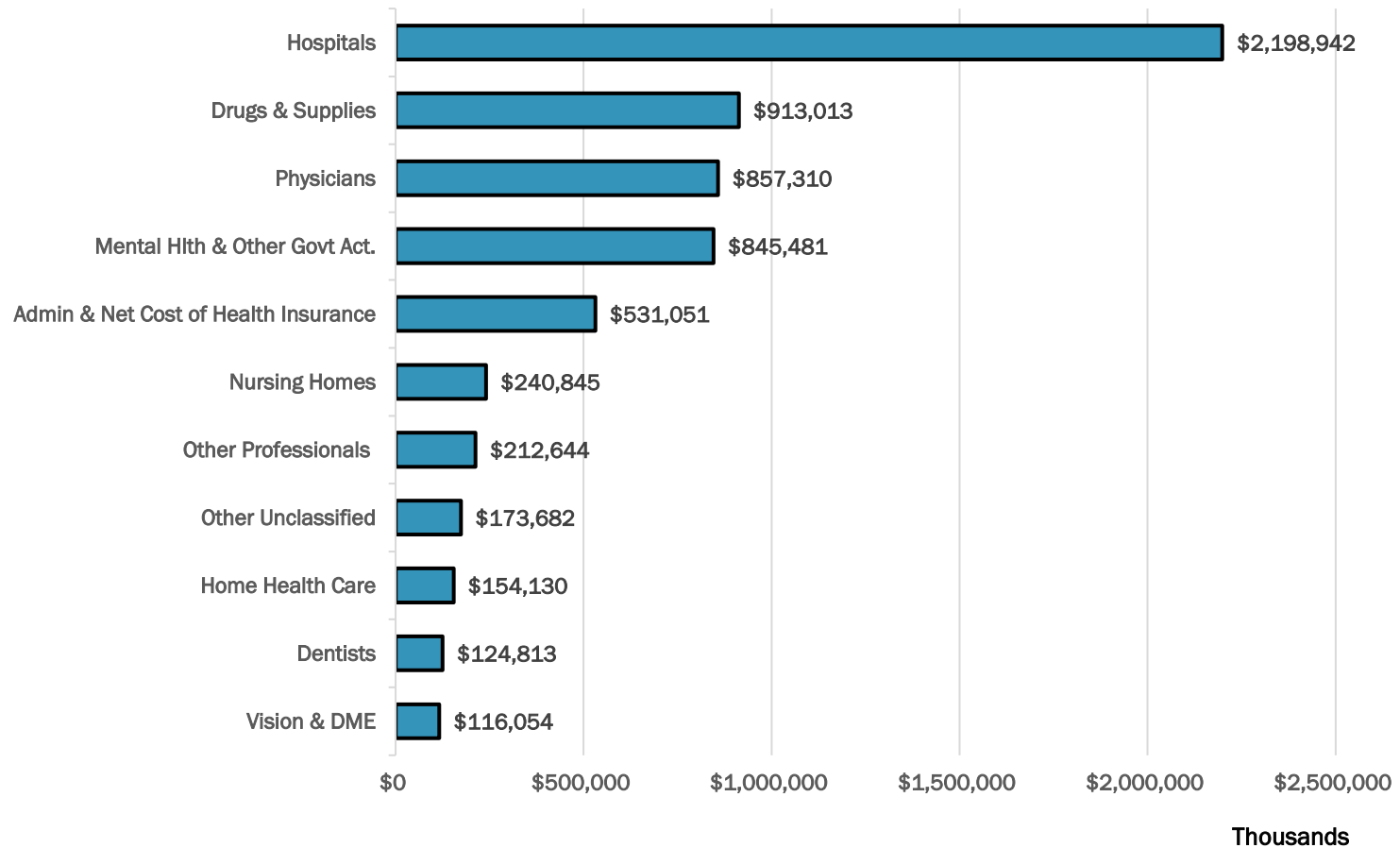
Spending increased from \$5.1 billion in 2012 to \$6.4 billion in 2020, an average annual increase of 2.7%. The decrease from 2019 to 2020 was 2.3%.



Vermont Resident Health Care Spending for 2020



In- and Out-of-State Spending on Services by Provider Category: (\$6.4 billion)



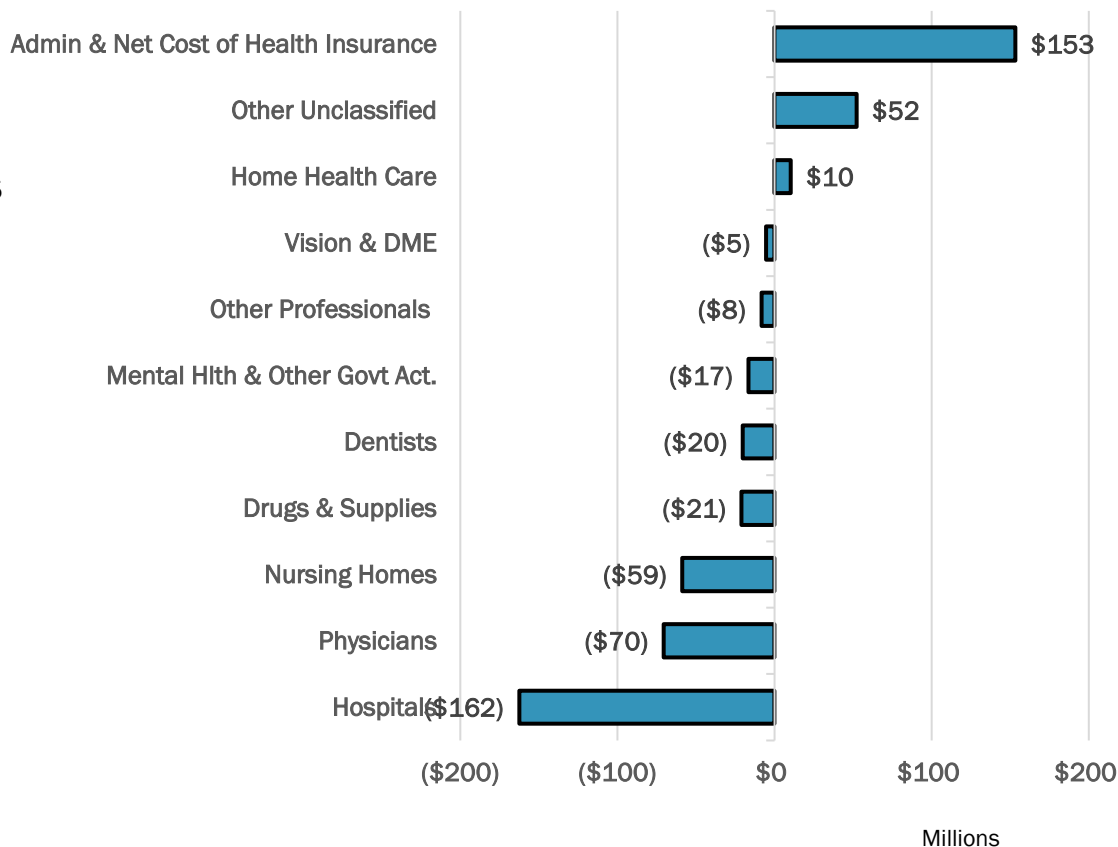
Vermont Resident Health Care Spending Decreased \$147.4 million from 2019 to 2020



Provider categories and payer types with the largest increases included:

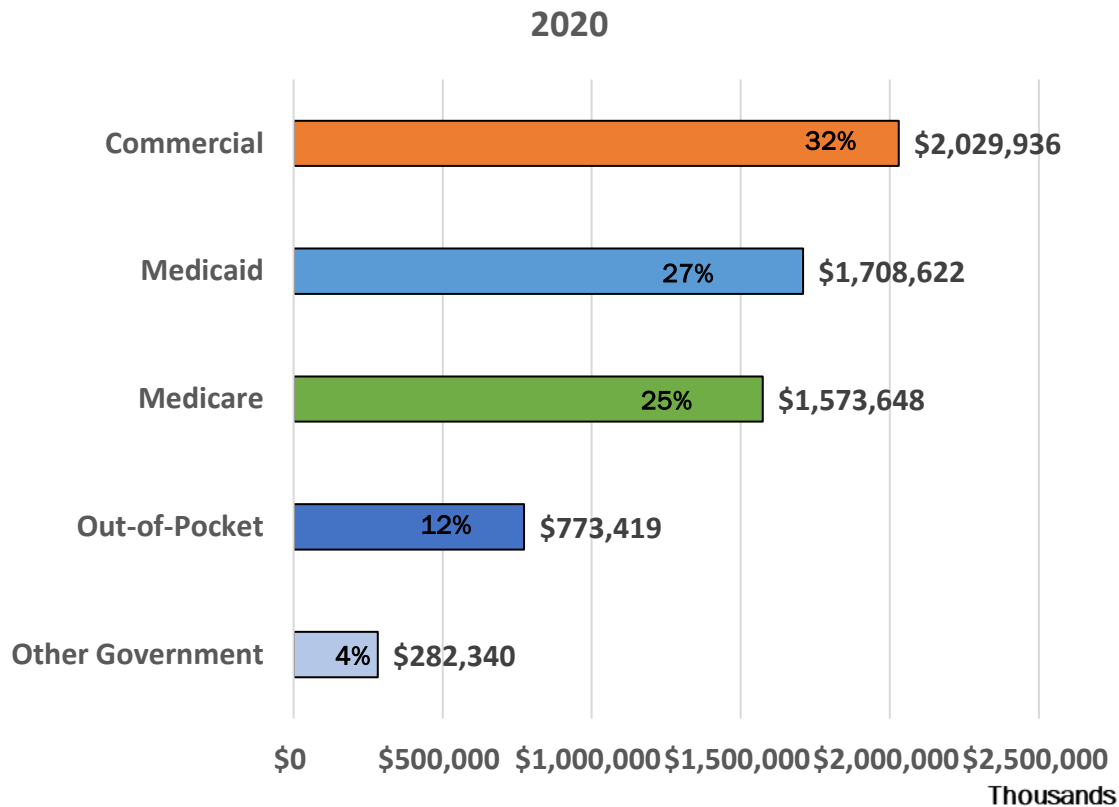
- Admin. Net Cost of Insurance increases reported by all payers
- Unclassified reported by Out-of-Pocket, Medicare and Medicaid.
- Home Health increased in Out-of-Pocket, Commercial and Medicaid.

Decreases were reported for most all other categories by all the payers.

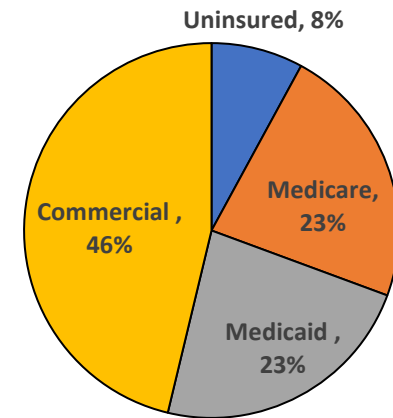


Vermont Resident Health Care Spending for 2020

In- and Out-of-State Spending on Services by Payer:
 (\$6.4 billion) a **decrease** of 2.3% from 2019

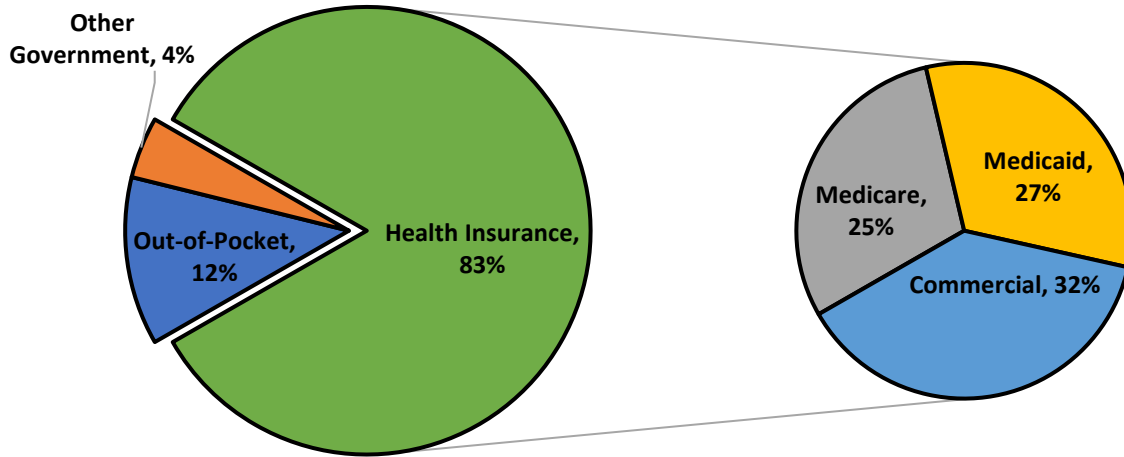


Health Coverage Enrollment

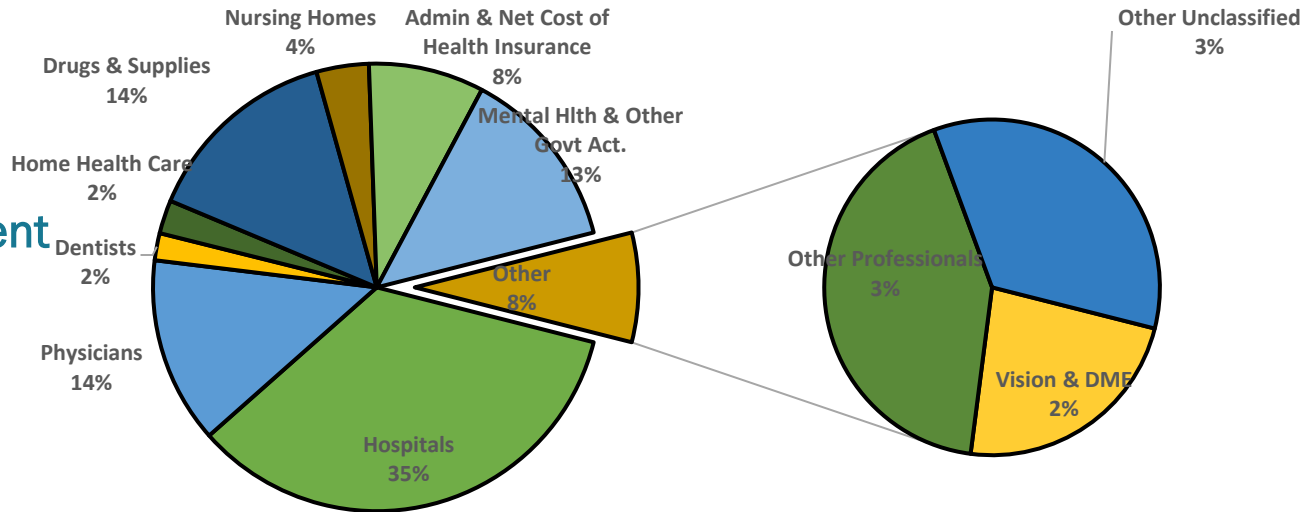


Vermont Resident Health Care Spending for 2020 - \$6.4 Billion

Where It Came From



Where It Went



Vermont Resident Health Care Spending - Commercial Insurance

- Commercial Insurance spending **decreased** by \$99.4 million, -4.7% to a total of \$2.0 billion.



Increases were reported in Admin. & Net Cost of Health Insurance, Drugs & Supplies, and Home Health.

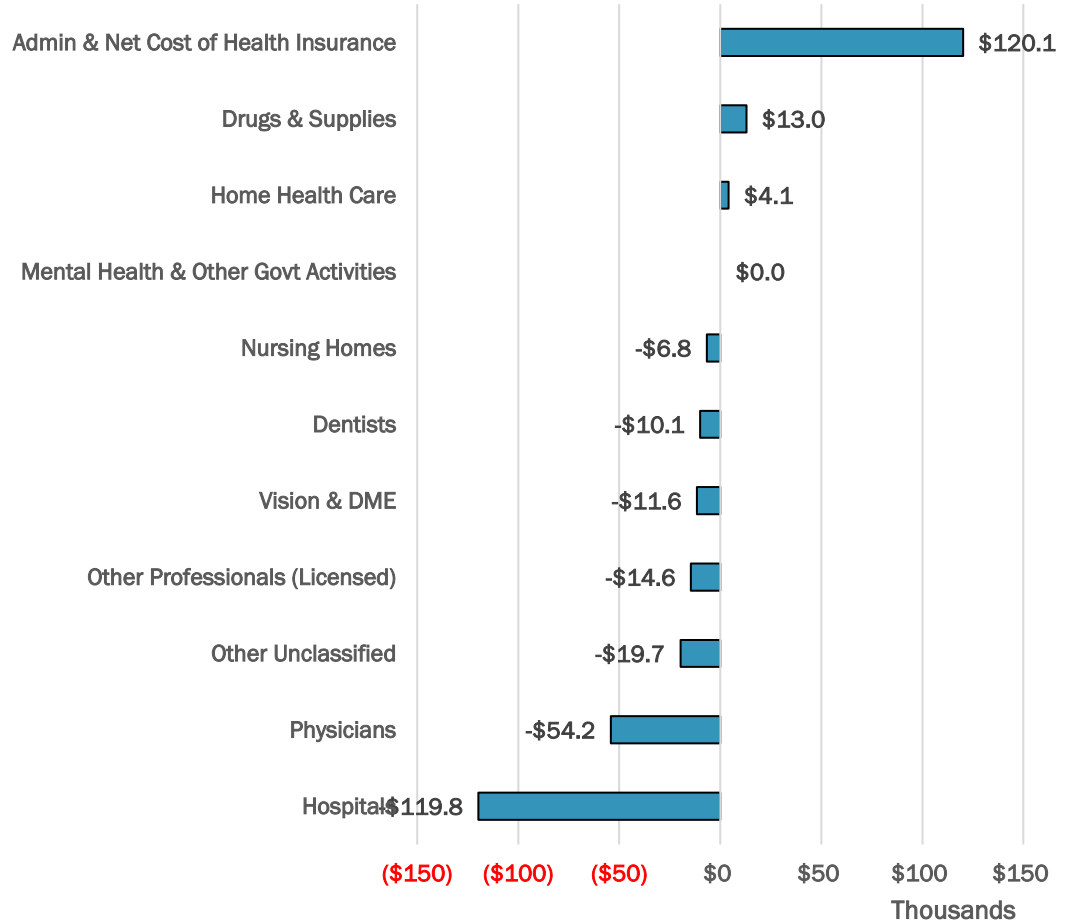


Decreases were recorded in Hospitals, Physicians, Other Unclassified, Other Professionals, Vision & DME, Dentists and Nursing Homes.

- In-state spending for commercially-insured residents increased from 77% to 78%.



Commercial insurance enrollment **decreased** to 297,408 or -5.2%, from 2019



Vermont Resident Health Care Spending - Medicare

- Medicare **decreased** by \$67.8 million, -2.3% to a total of \$1.6 billion.



Increases were reported in Other Unclassified, Admin. & Net Cost of Health Insurance, Other Professionals, Vision & DME, and Home Health.

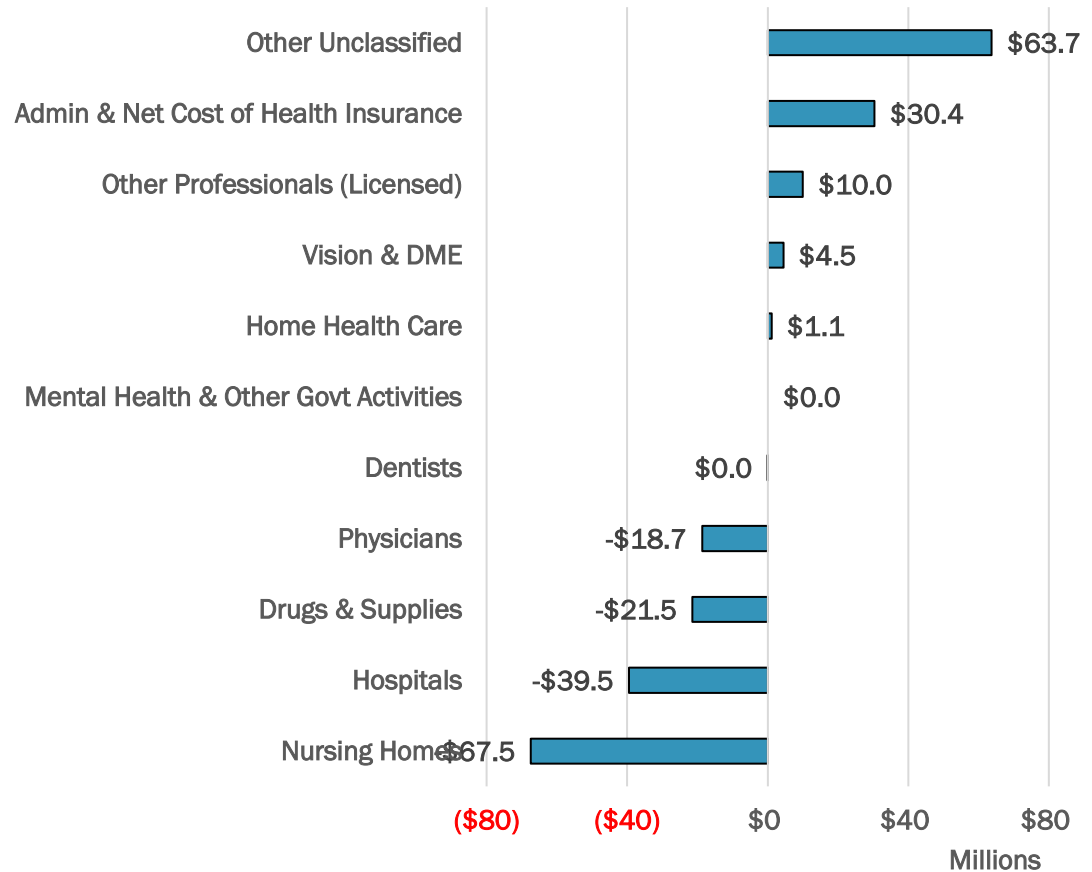


Decreases were reported in, Nursing Homes, Hospitals, Drugs & Supplies, and Physicians.

- In-state spending for Medicare beneficiaries decreased from 77% to 76% in 2020.



Medicare enrollment increased to 145,596, or 2.9%, from 2019.



Vermont Resident Health Care Spending - Medicaid

- Medicaid **decreased** by \$16.0 million, -0.9% to a total of \$1.7 billion.



Increases were recorded in the categories of: Hospitals, Nursing Homes, Drugs & Supplies (net of rebates), Admin. & Net Cost of Health Insurance Home Health, Other Unclassified, Vision & DME, and Home Health.

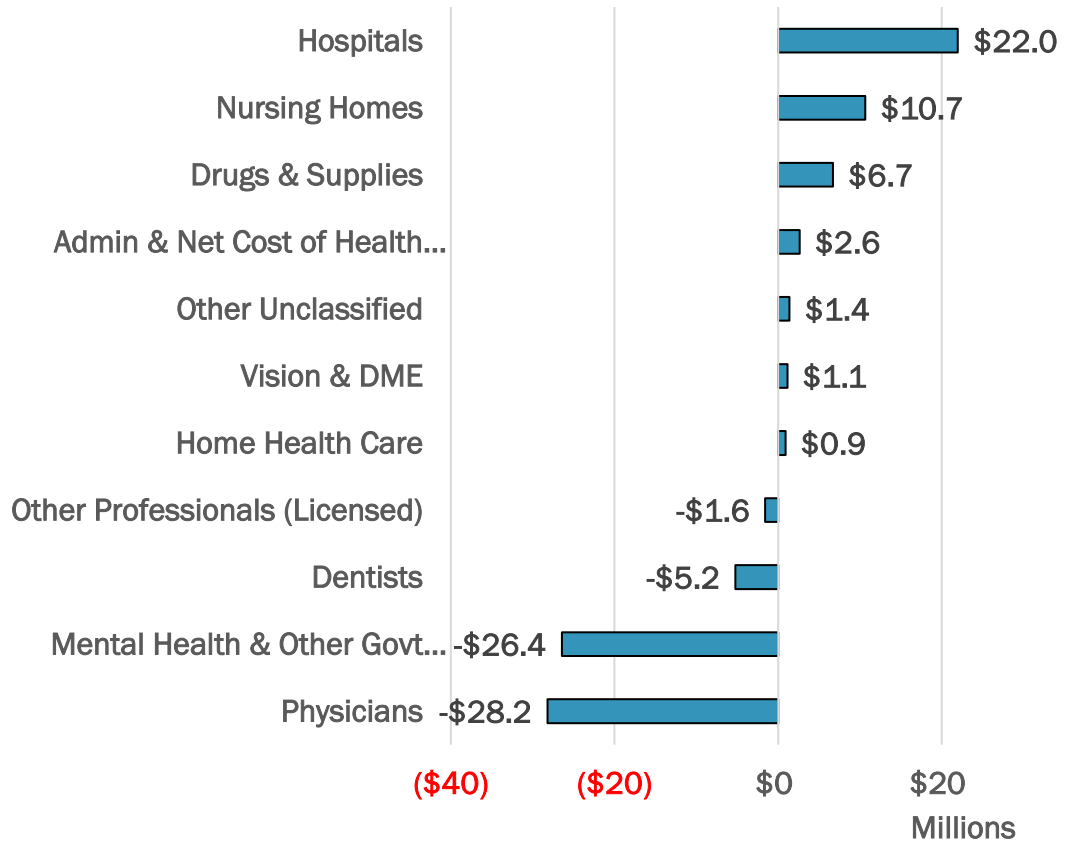


Spending decreased the most in Physicians, Mental Health & Other Government Activities, Dentists, and Other Professionals.

- In-state spending for Medicaid beneficiaries remains around 88%.



Medicaid enrollment stayed the same to 148,686.



Vermont Resident

Health Care Spending – Mental Health & Other Government Activities



Medicaid reported the following spending in Mental Health & Other Government Activities

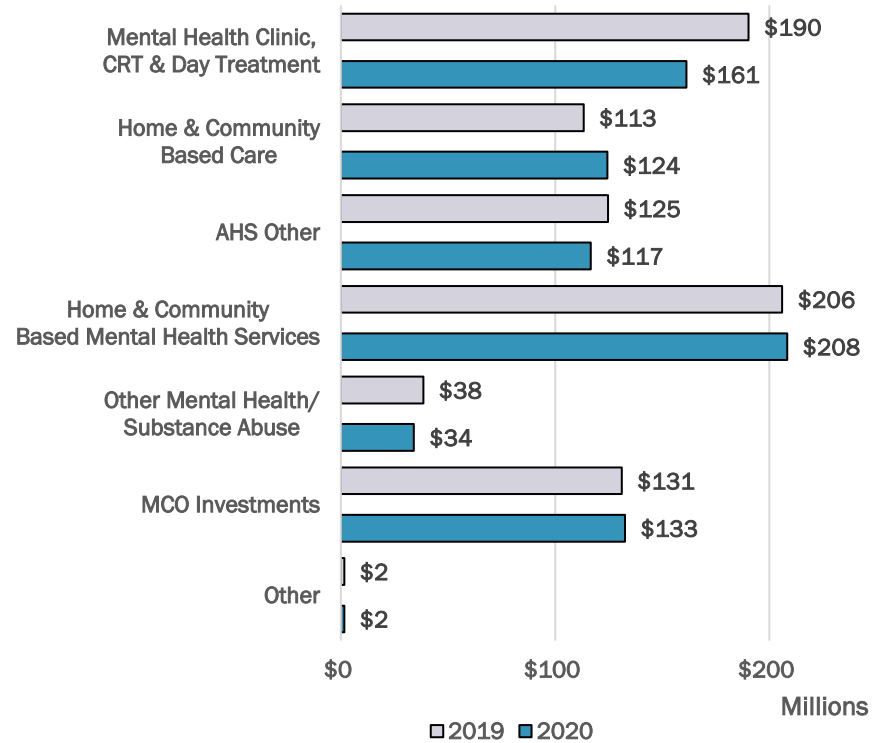
Increases:

- Home & Community Based Care such as Aged and Disabled, Enhanced Residential Care, Assistive Community Care,
- Home & Community Based Mental Health and Development Services,
- Managed Care Organization Investments

Decreases:

- Mental Health Clinics, Community Rehab Treatment, Day Treatment,
- Miscellaneous Other AHS services,
- Other Mental Health and Substance Abuse Services

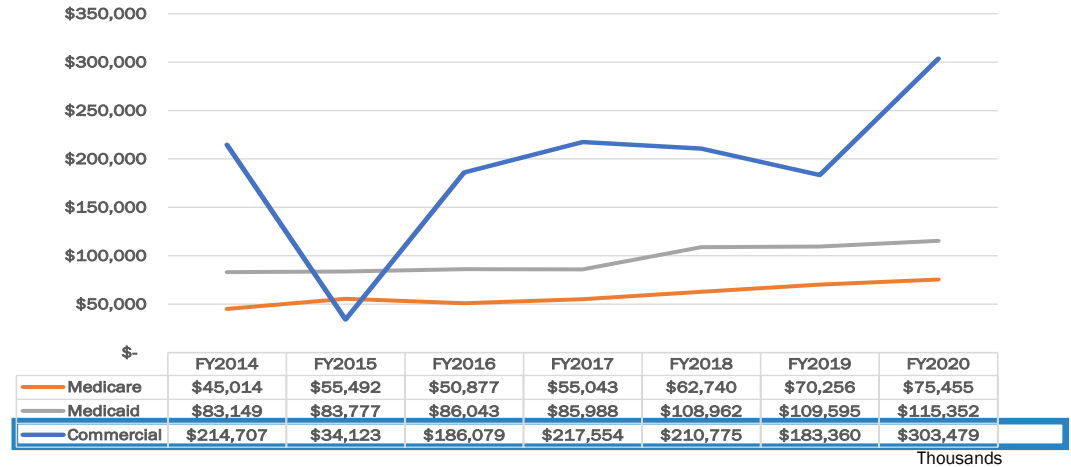
Mental Health & Other Government Activities



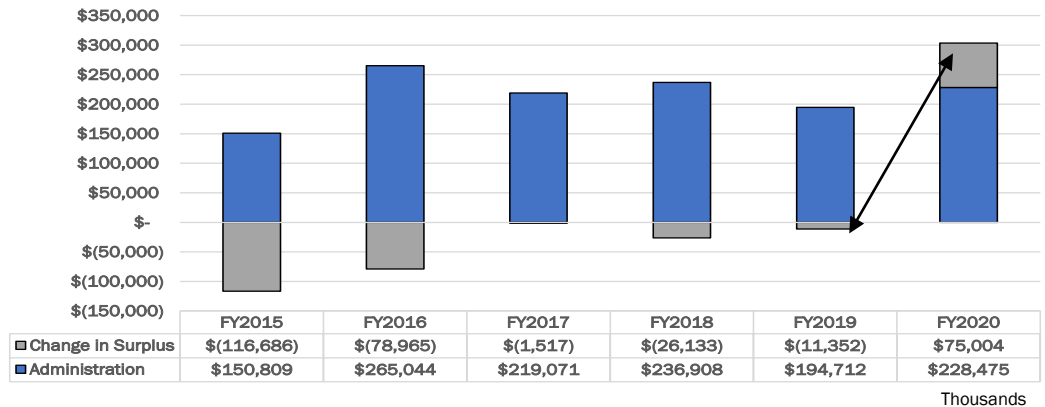
Vermont Resident Health Care Analysis

- **Net Cost of Health Insurance** is the difference between premiums earned and benefits incurred. It consists of items such as premium taxes, administrative costs, net additions to reserves, and profits or losses.
- The change in spending for Administration & Net Cost of Health Insurance is **one of the major factors in growth swings in total spending by payer**, particularly for Commercial Insurance, due to the ACA fees payable to the federal government every other year. This year some of the COVID-19 relief funds were reported within this category.
- Commercial Insurance has **two components** in this category: Administration and Change in Surplus. Medicare and Medicaid have the Administration component only.

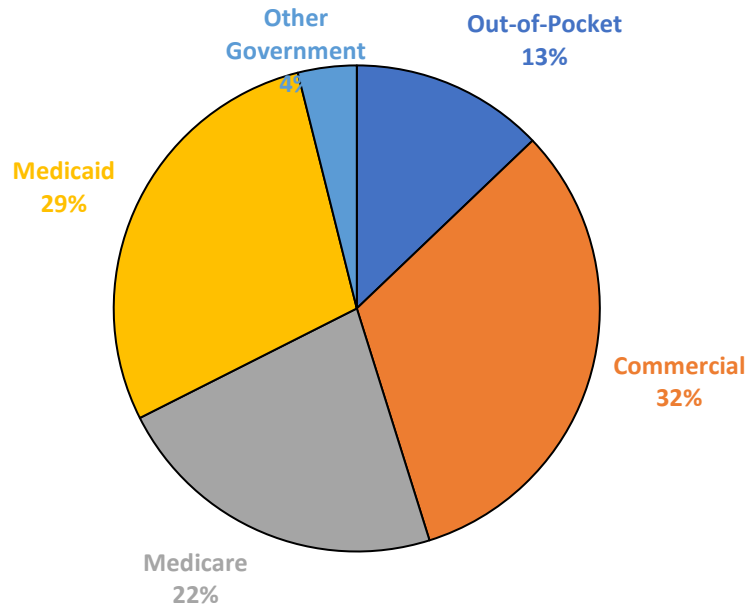
Administration & Net Cost of Health Insurance Trend



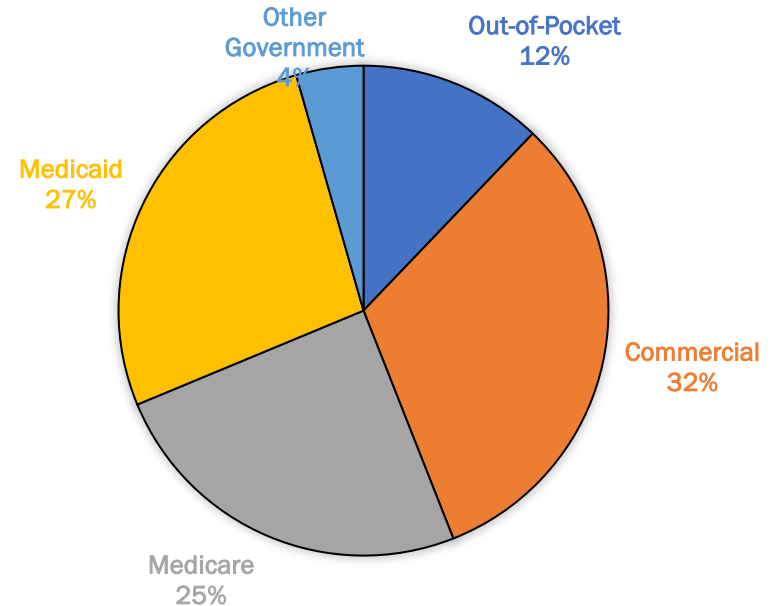
Commercial Trend Components of Administration & Net Cost of Health Insurance



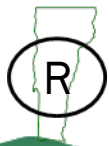
Vermont Resident Health Care Analysis



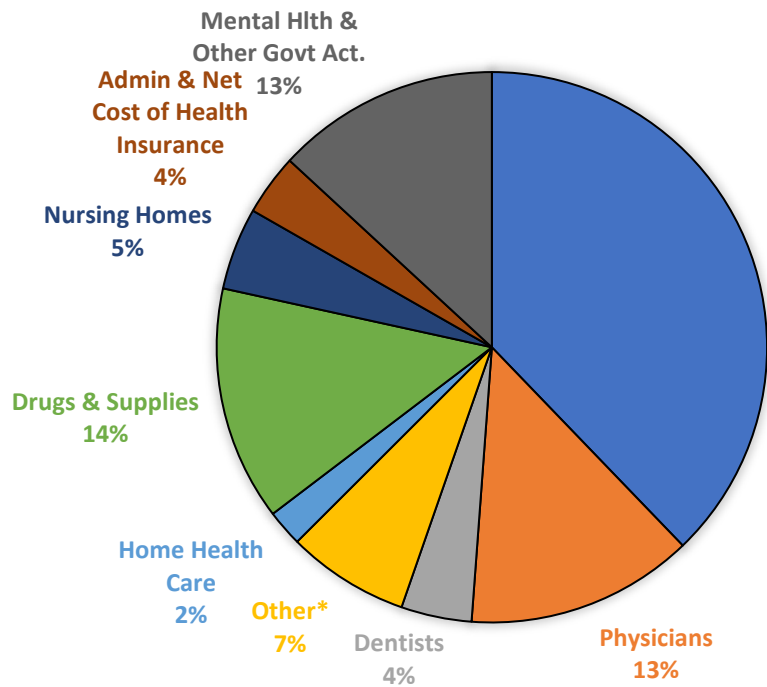
2015 Total Spending was \$5.7 Billion



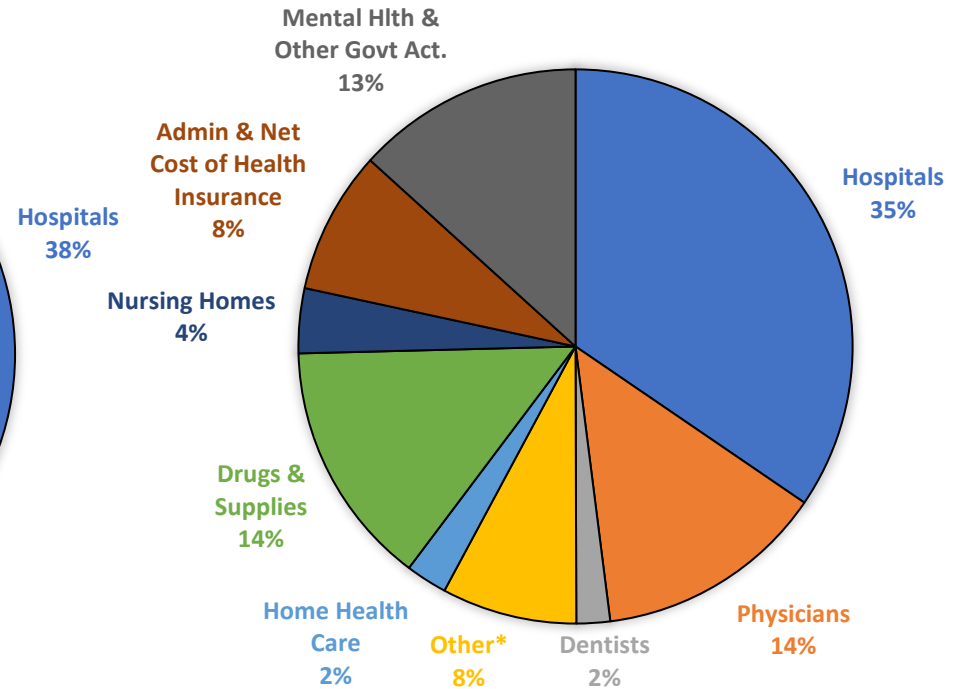
2020 Total Spending was \$6.4 Billion



Vermont Resident Health Care Analysis

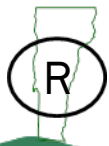


2015 Total Spending was \$5.7 Billion



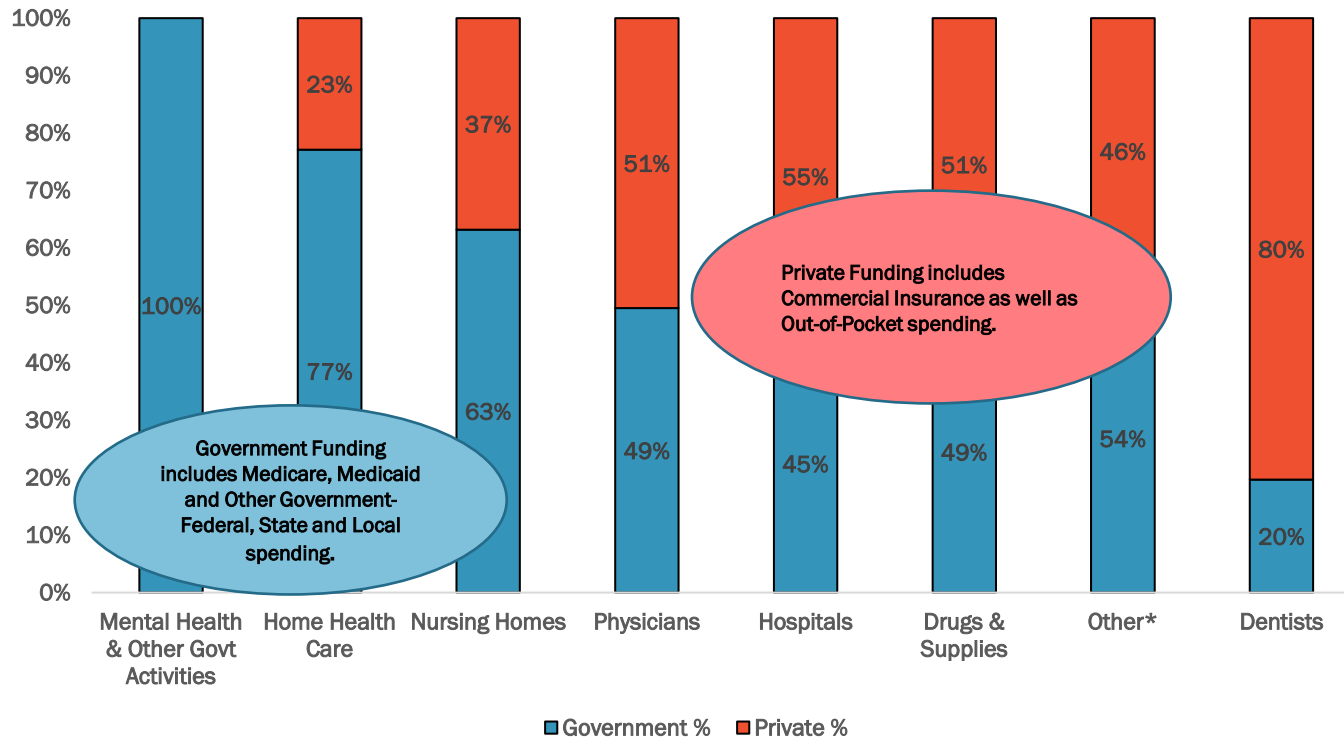
2020 Total Spending was \$6.4 Billion

*"Other" includes services rendered by other professionals, durable medical equipment suppliers, vision providers, and other miscellaneous providers.



Vermont Resident Health Care Analysis

Government vs. Private Funding by Provider Category



*"Other" includes services rendered by other professionals, durable medical equipment suppliers, vision providers, and other miscellaneous providers.



Vermont Resident National Health Expenditures Accounts – comprehensive revision as of 2019



Every five years the NHEA undergoes a comprehensive revision that opens the entire time series which includes the incorporation of new sources, methodological, definitional changes, and benchmarking estimates from the U.S. Census Bureau’s quinquennial Economic Census. Also, inter-decennial census numbers are updated after each census.

Caution must be taken into consideration if you were to try and tie NHEA estimates from this report to past presentations, as you will notice for instance per capita spending decreased for the years 2015-2019 reported in the 2020 NHEA compared to the 2019 and 2018 NHEA.

	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020
U.S. Per Capita - 2020 NHEA	9,873	10,242	10,611	11,040	11,462	12,530
U.S. Per Capita - 2019 NHEA	9,930	10,312	10,681	11,129	11,582	
U.S. Per Capita - 2018 NHEA	10,015	10,375	10,734	11,174		



Vermont Resident Health Care Analysis National Health Expenditures

Measures annual expenditures

Health care and services
Public health activities
Government
administrations
Net cost of health
insurance
Health Care Investments

Data

Type of expenditure
Source of Funding
Sponsor (private,
governments or
household)

State Health Expenditures

Every 5 years
Primary source is the
Economic Census
Estimates provider and
resident expenditures



Vermont Resident Health Care Analysis

National Health Expenditures (NHE)

Health Consumption Expenditures (HCE)*

Investments
in Research,
Structures &
Equipment

Person Health Care (PHC)

Administration
& Net cost of
insurance

Public Health
Activity

Hospitals

Professional
Services

Home Health

Nursing Care
Facilities

Rx, DME,
Supplies

Physicians
Other
Professionals
Dental

*Note: HCE-comparable to Vermont Expenditure Analysis



U.S. Health Care Expenditures 2020

Quotes from the National Health Expenditures 2020 Highlights

In 2020, most of the faster growth was not directly linked to patient care events. Rather, spending growth was driven by federal financial assistance to health care providers through the Provider Relief Fund and Paycheck Protection Program loans, increased federal public health activity, as well as increased federal Medicaid funding. The increase in federal funding among medical care providers far outweighed negative or slow growth in private health insurance and out-of-pocket spending, particularly for hospitals, physicians, and nursing homes.

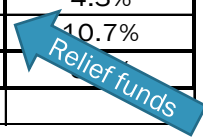
- The Provider Relief Fund (\$122 billion in 2020) supplied direct federal subsidies to health care providers and is classified under “other federal programs” in the National Health Expenditure Accounts.
- Loans under the Paycheck Protection Program (\$53 billion in 2020) provided funding for payroll and other eligible expenses to many health care providers and are also classified in “other federal programs”.
- Increased federal public health funding (classified under “federal public health activity”) included payments for Operation Warp Speed, strategic stockpiles of drugs and vaccines, and health facility preparedness.

- [Link: https://www.cms.gov/files/document/highlights.pdf](https://www.cms.gov/files/document/highlights.pdf)



U.S. Health Care Expenditures 2020

Payers	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	2019-2020 Annual Change	2015-2020 Average Annual Change
Out-of-Pocket	\$354	\$367	\$373	\$387	\$404	\$389	-3.7%	1.9%
Commercial	\$982	\$1,040	\$1,079	\$1,131	\$1,166	\$1,151	-1.2%	3.2%
Medicare	\$648	\$676	\$705	\$749	\$801	\$829	3.5%	5.1%
Medicaid	\$543	\$565	\$579	\$596	\$614	\$671	9.2%	4.3%
Other Government	\$652	\$677	\$712	\$741	\$774	\$1,083	39.9%	10.7%
Total Expenditures	\$3,178	\$3,325	\$3,446	\$3,605	\$3,759	\$4,124	9.7%	
Annual Percent Change	5.6%	4.6%	3.7%	4.6%	4.3%	9.7%		



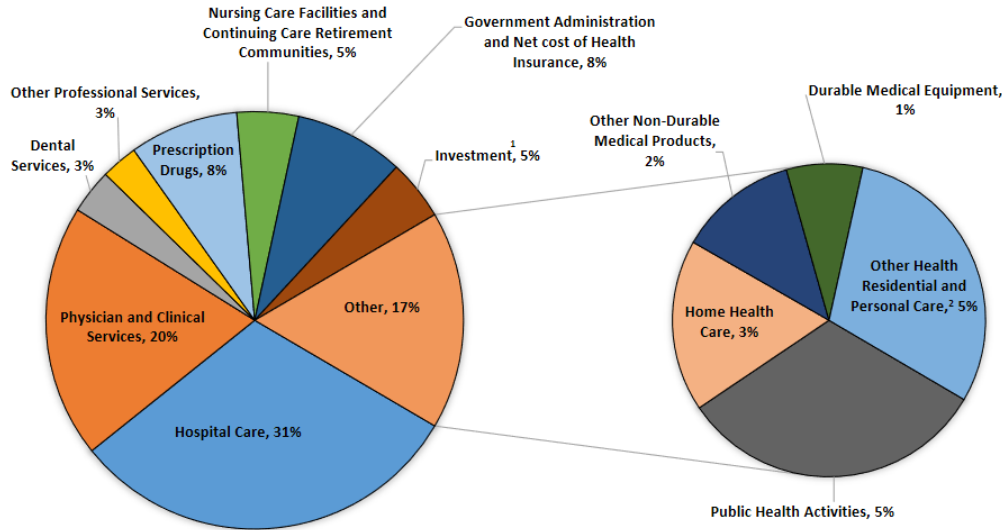
Providers & Facilities	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	2019-2020 Annual Change	2015-2020 Average Annual Change
Hospitals	\$989	\$1,035	\$1,078	\$1,123	\$1,194	\$1,270	6.4%	5.1%
Physicians	\$636	\$676	\$709	\$737	\$768	\$809	5.4%	4.9%
Dentists	\$120	\$126	\$131	\$138	\$143	\$142	-0.6%	3.5%
Other Professionals	\$87	\$92	\$97	\$104	\$111	\$117	5.6%	6.1%
Home Health Care	\$90	\$95	\$99	\$106	\$113	\$124	9.5%	6.6%
Drugs & Supplies	\$394	\$402	\$390	\$402	\$419	\$434	3.6%	2.0%
Vision & DME	\$49	\$51	\$52	\$54	\$57	\$55	-3.7%	2.4%
Nursing Homes	\$156	\$161	\$163	\$168	\$174	\$197	13.0%	4.7%
Other Unclassified	\$165	\$175	\$185	\$191	\$196	\$209	6.7%	4.8%
Admin & Net Cost of Health Insurance	\$242	\$256	\$265	\$294	\$284	\$350	23.2%	7.7%
Mental Health & Other Govt Activities	\$86	\$88	\$96	\$100	\$105	\$224	113.1%	21.2%
Total Expenditures	\$3,178	\$3,325	\$3,446	\$3,605	\$3,759	\$4,124	9.7%	5.4%
Annual Percent Change	5.6%	4.6%	3.7%	4.6%	4.3%	9.7%		



US Health Care Spending for 2020

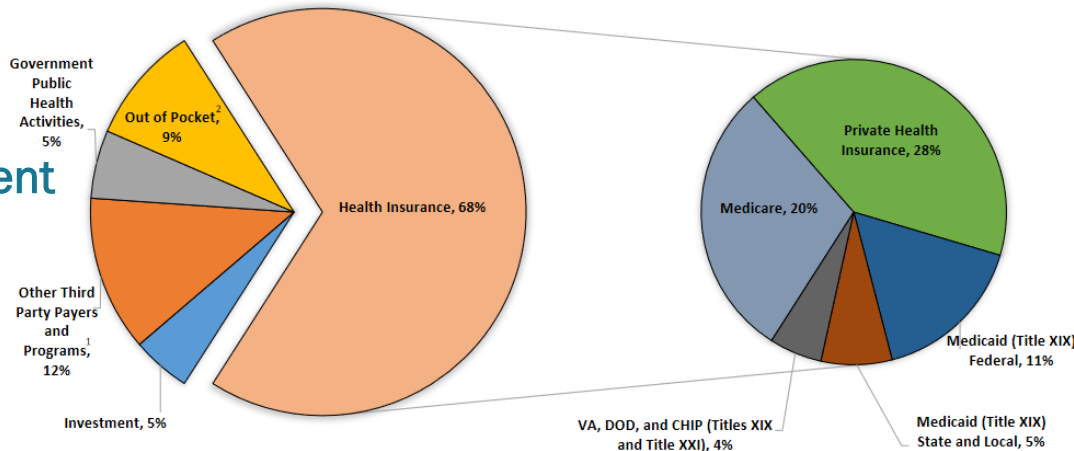
- \$4.1 Trillion

Where It Came From



1 Includes Noncommercial Research and Structures and Equipment.
 2 Includes expenditures for residential care facilities, ambulance providers, medical care delivered in non-traditional settings (such as community centers, senior citizens centers, schools, and military field stations), and expenditures for Home and Community Waiver programs under Medicaid.
 Note: Sum of pieces may not equal 100% due to rounding.

Where It Went



1 Includes worksite health care, other private revenues, Indian Health Service, workers' compensation, general assistance, maternal and child health, vocational rehabilitation, Substance Abuse and Mental Health Services Administration, school health, and other federal and state local programs.
 2 Includes co-payments, deductibles, and any amounts not covered by health insurance.
 Note: Sum of pieces may not equal 100% due to rounding.



Vermont Resident Health Care Analysis



VHCEA Results Compared to CMS NHC Results

	NHE	HCE	PHC
Total Spend CMS (millions)	\$4,124,007	\$3,931,333	\$3,357,835
Total Spend Annual % Change 2019-2020 (CMS)	9.7%	4.5%	5.8%
Total Spend Vermont Exp. Analysis (millions)		\$6,368	
Total Spend Annual % Change 2019-2020 (VT)		-2.3%	
Per Capita Spend CMS	\$12,535	\$11,949	\$10,206
Per Capita Spend Annual % Change 2019- 2020 (CMS)	9.3%	9.9%	5.3%
Per Capita Spend Vermont Exp. Analysis		\$9,902	
Per Capita Spend Annual % Change 2019 - 2020 (VT)		-5.2%	
Share of Gross State/Domestic Product (CMS)	19.7%	18.8%	16.1%
Share of Gross State/Domestic Product (VT)		19.0%	

National Health Expenditures (**NHE**) includes categories of spending that Vermont does not record. These include Research, Structures and Equipment.

Health Consumption Expenditures (**HCE**) is a *subset* of the NHE and has the array of categories of service most comparable to Vermont Expenditure Analysis.

Personal Health Care (PHC) is a subset of the HCE spending as it does not include Government Administration, Net Cost of Health Insurance and Government Public Health Activities.



Vermont Resident Health Care Analysis



History of VHCEA Results Compared to CMS NHC* Results

	2012	2013	2014	2015	2016	2017	2018	2019	2020
Vermont Population	626,011	626,630	626,562	626,042	624,594	623,657	626,299	623,989	643,077
Vt Per Capita - Health Expenditures									
Vt Per Capita - Health Consumption Expenditures	\$8,207	\$8,452	\$8,847	\$9,130	\$9,491	\$9,854	\$9,995	\$10,442	\$9,902
Vt Per Capita - Personal Health Care	\$6,714	\$6,865	\$7,154	\$7,602	\$7,679	\$7,910	\$8,034	\$8,454	\$7,762
U.S. Population (in millions)	313.0	315.4	317.8	320.0	322.4	324.5	326.1	327.7	329.0
U.S. Per Capita	\$8,892	\$9,066	\$9,466	\$9,930	\$10,312	\$10,621	\$11,053	\$11,471	\$12,535
U.S. Per Capita - Health Consumption Expenditure	\$8,370	\$8,549	\$8,964	\$9,418	\$9,794	\$10,066	\$10,475	\$10,876	\$11,949
U.S. Per Capita - Personal Health Care	\$7,499	\$7,638	\$7,972	\$8,394	\$8,727	\$8,953	\$9,266	\$9,689	\$10,206

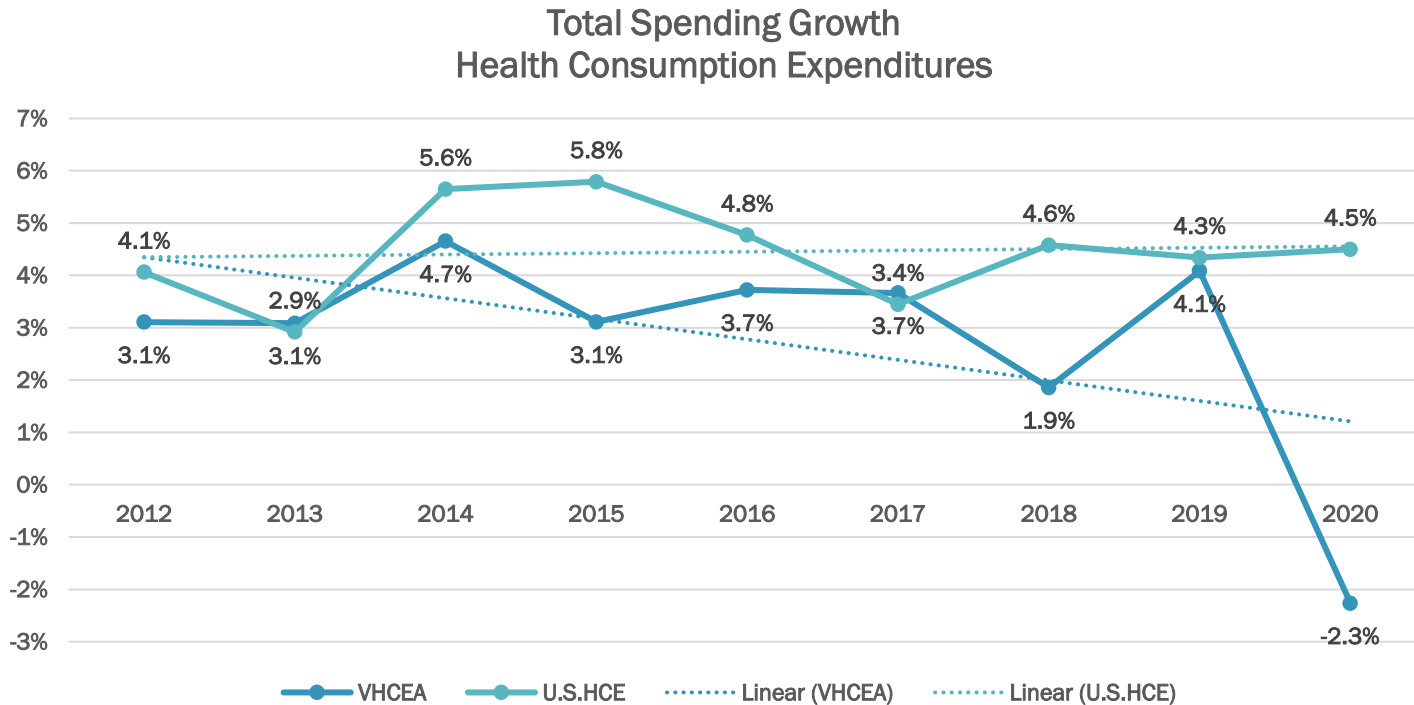
Vermont population increased in 2020 due to individuals moving to Vermont due COVID-19 and climate change.



*Note: Health Consumption Expenditures (HCE) is a subset of the NHE and has the array of categories of service most comparable to Vermont Expenditure Analysis.

Vermont Resident Health Care Analysis - Spending Growth

VHCEA Results Compared to CMS NHC* Results



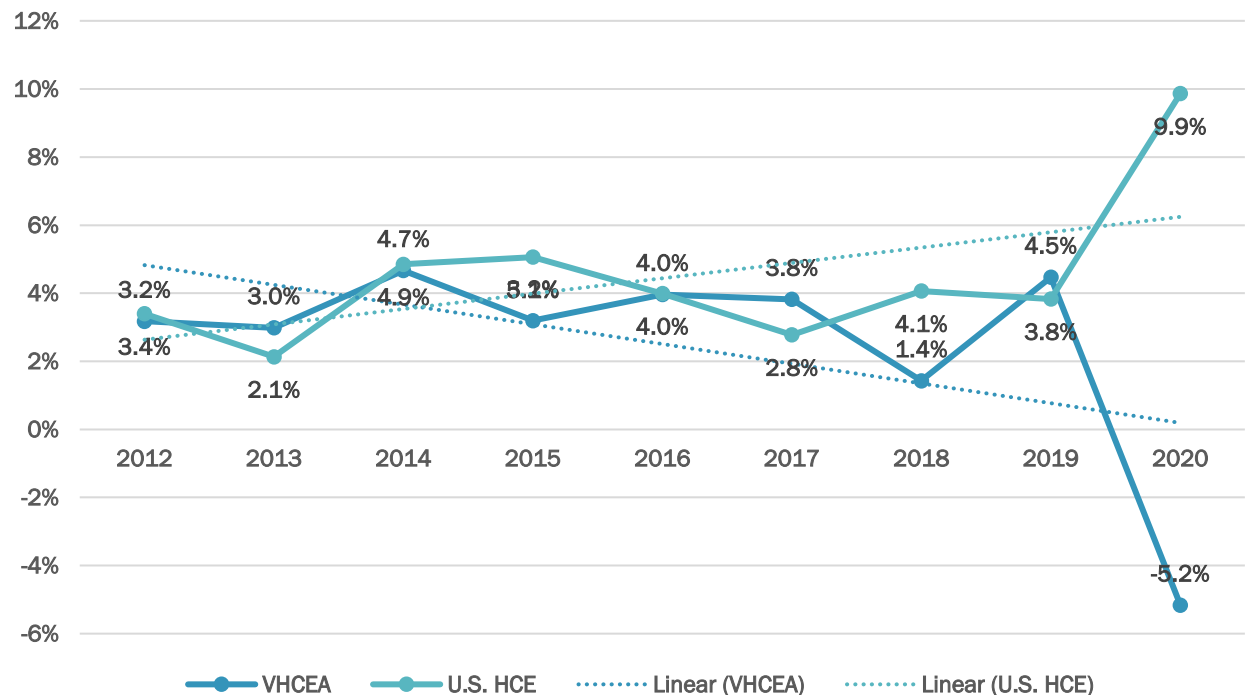
*Note: Health Consumption Expenditures (HCE) is a subset of the NHE and has the array of categories of service most comparable to Vermont Expenditure Analysis.



Vermont Resident Health Care Analysis - per Capita

VHCEA Results Compared to CMS NHC* Results

Per Capita Growth (per person)
Health Consumption Expenditures



As of 2020,
Vermont's per
Capita growth
declined
5.2% The
U.S. per
Capita grew
9.9%



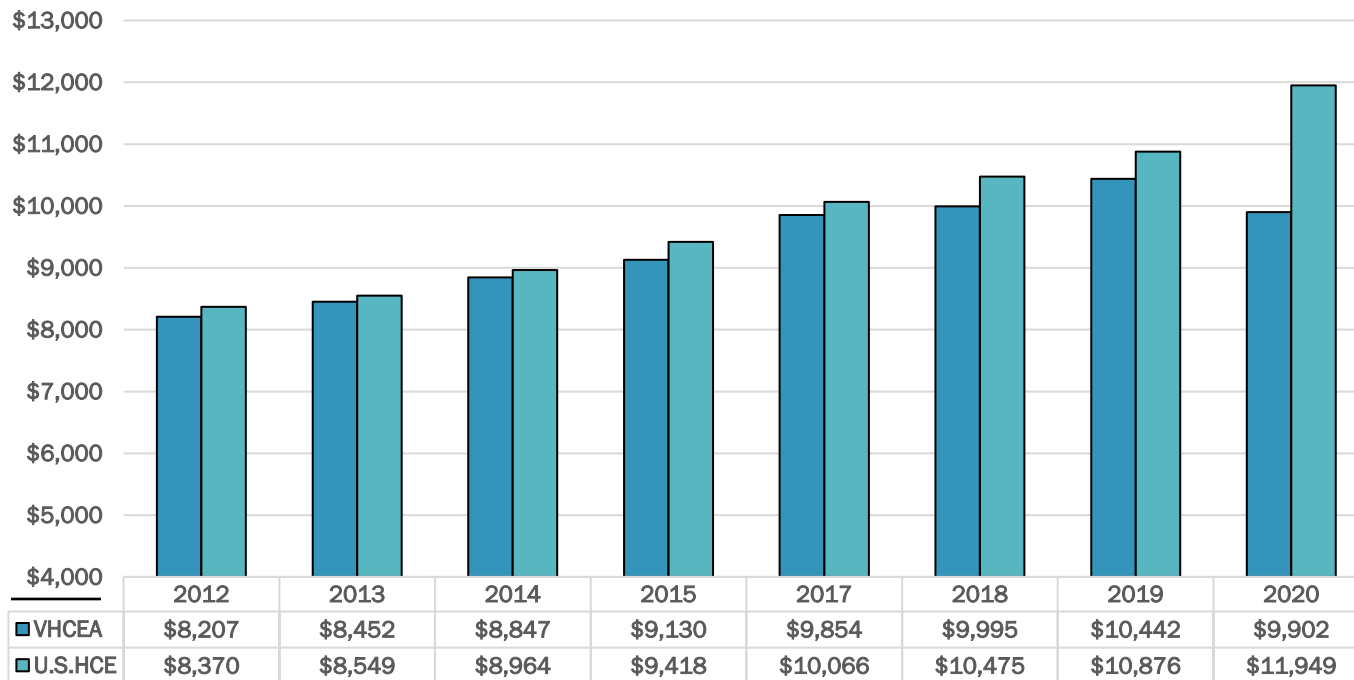
*Note: Health Consumption Expenditures (HCE) is a subset of the NHE and has the array of categories of service most comparable to Vermont Expenditure Analysis.

Vermont Resident Health Care Analysis – per Capita



VHCEA Results Compared to CMS NHC* Results

Per Capita (per person)
Health Consumption Expenditures



*Note: Health Consumption Expenditures (HCE) is a subset of the NHE and has the array of categories of service most comparable to Vermont Expenditure Analysis.

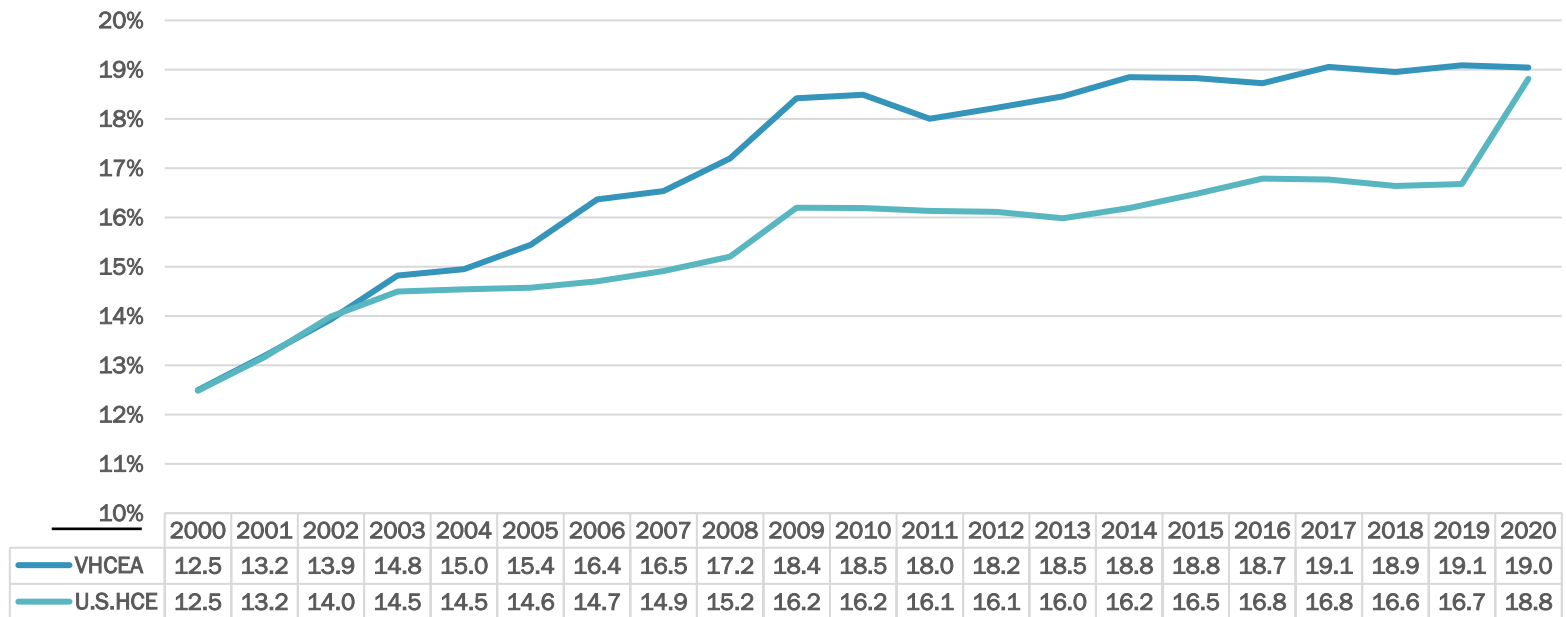


Vermont Resident Health Care Analysis - % of GSP**



VHCEA Results Compared to CMS NHC* Results

Vermont Resident Health Care Share of GSP-Annual Growth



*Note: Health Consumption Expenditures (HCE) is a subset of the NHE and has the array of categories of service most comparable to Vermont Expenditure Analysis.

**Note: Gross State Product (GSP) is a measurement of the economic output of a state. It is the sum of all value added by industries within the state and serves as a counterpart to the Gross Domestic Product (GDP), which measures national economic output.



2020 Vermont Provider Analysis



Health care services for in- and out-of-state patients received by Vermont providers.

Vermont Provider Health Care Revenues 2015-2020



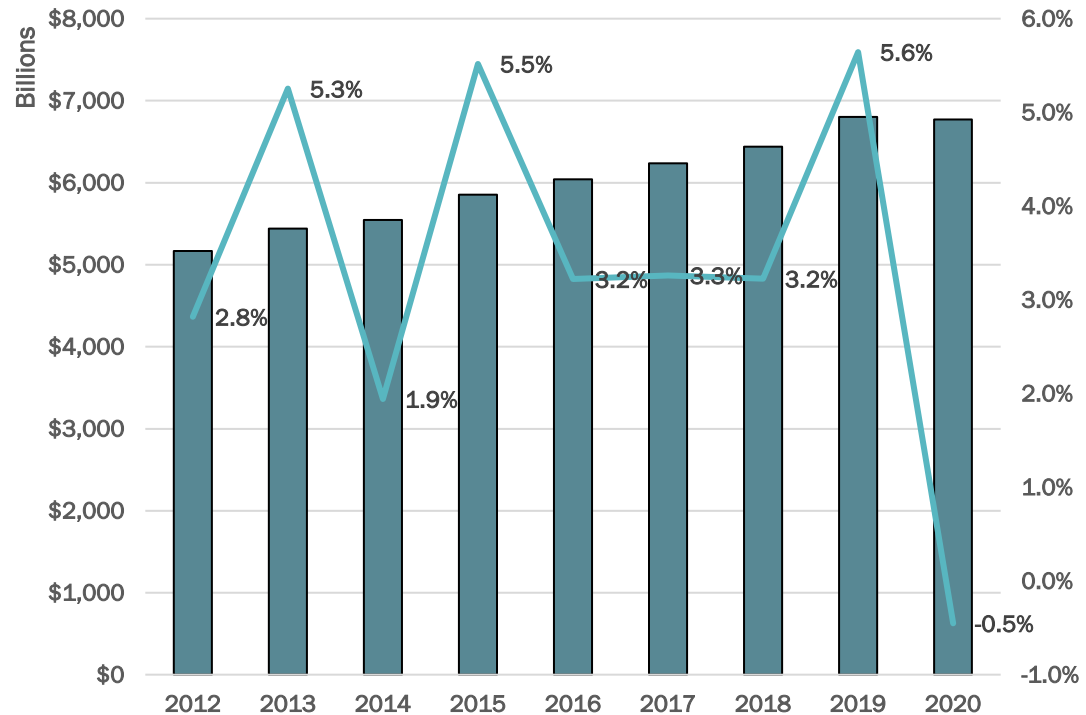
Payers	2015	2016	2017	2018	2019	2020	2019-2020 Annual Change	2015-2020 Average Annual Change
Out-of-Pocket	\$731	\$768	\$718	\$755	\$827	\$784	-5.3%	1.4%
Commercial	\$1,979	\$2,001	\$2,134	\$2,162	\$2,282	\$2,393	4.9%	3.9%
Medicare	\$1,384	\$1,454	\$1,536	\$1,626	\$1,746	\$1,637	-6.2%	3.4%
Medicaid	\$1,462	\$1,508	\$1,505	\$1,558	\$1,609	\$1,594	-0.9%	1.8%
Other Government	\$297	\$309	\$345	\$338	\$339	\$364	7.5%	4.2%
Total Provider Revenues	\$5,853	\$6,041	\$6,238	\$6,439	\$6,803	\$6,772	-0.5%	3.0%
Annual Percent Change	5.5%	3.2%	3.3%	3.2%	5.6%	-0.5%		

Providers & Facilities	2015	2016	2017	2018	2019	2020	2019-2020 Annual Change	2015-2020 Average Annual Change
Hospitals	\$2,698	\$2,819	\$2,909	\$3,010	\$3,136	\$3,183	1.5%	3.4%
Physicians	\$434	\$422	\$446	\$460	\$468	\$406	-13.2%	-1.3%
Dentists	\$272	\$285	\$296	\$297	\$310	\$309	-0.5%	2.6%
Other Professionals	\$305	\$319	\$331	\$367	\$392	\$415	5.8%	6.3%
Home Health Care	\$135	\$141	\$152	\$166	\$172	\$164	-4.7%	3.9%
Drugs & Supplies	\$880	\$896	\$888	\$897	\$1,003	\$1,016	1.3%	2.9%
Vision & DME	\$85	\$88	\$110	\$112	\$140	\$131	-6.3%	9.2%
Nursing Homes	\$259	\$270	\$277	\$271	\$287	\$269	-6.1%	0.7%
Other Unclassified	\$34	\$34	\$34	\$34	\$34	\$34	2.4%	0.5%
Admin & Net Cost of Health Insurance	\$0	\$0	\$0	\$0	\$0	\$0	0.0%	0.0%
Mental Health & Other Govt Activities	\$751	\$766	\$797	\$825	\$862	\$845	-1.9%	2.4%
Total Provider Revenues	\$5,853	\$6,041	\$6,238	\$6,439	\$6,803	\$6,772	-0.5%	3.0%
Annual Percent Change	5.5%	3.2%	3.3%	3.2%	5.6%	-0.5%		

Vermont Provider Health Care Revenues 2012-2020

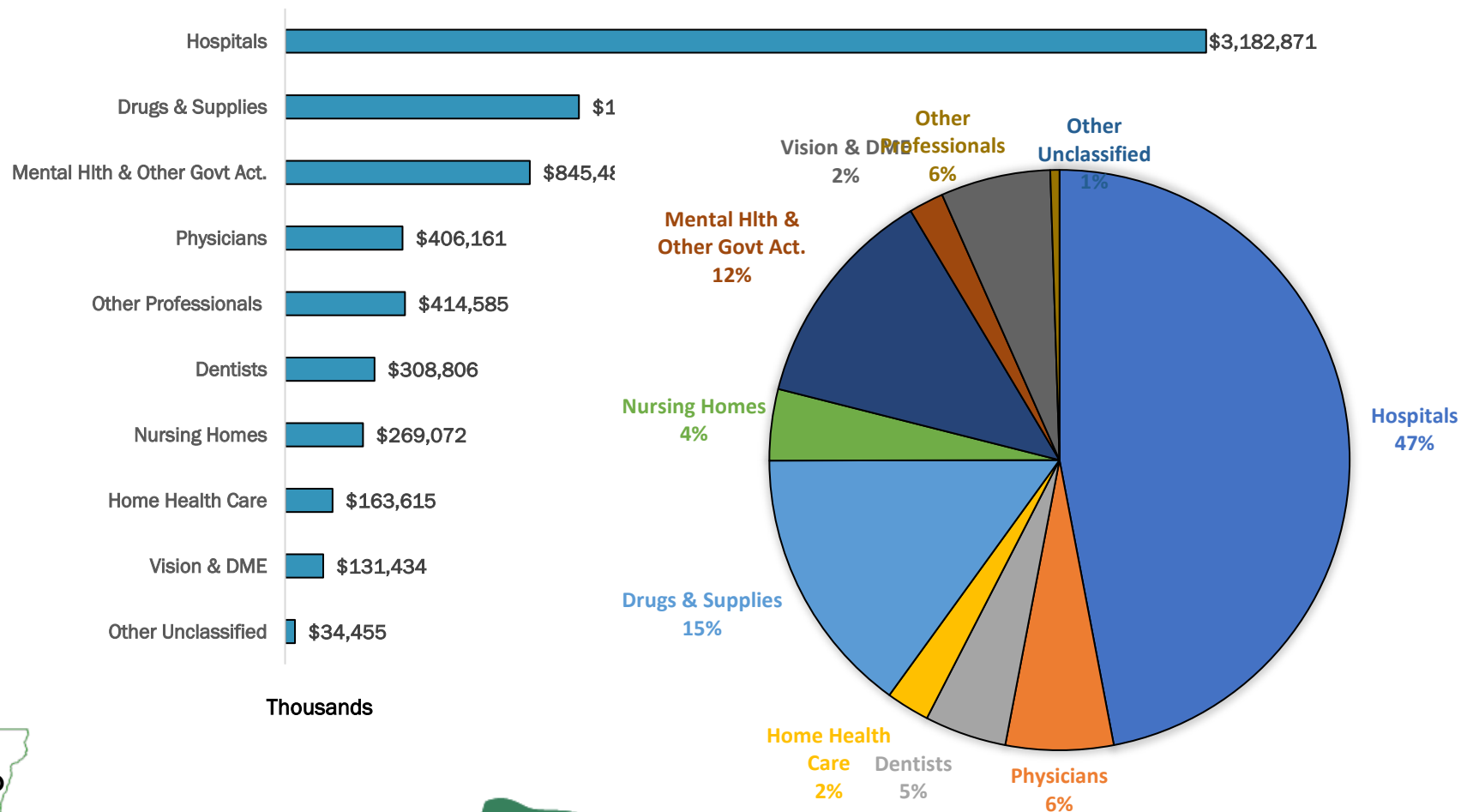
VT Total Annual Revenues

Revenues increased from \$5.2 billion in 2012 to \$6.8 billion in 2020, an average annual increase of 3.4%. The decrease from 2019 to 2020 was 0.5%.



Vermont Provider Health Care Revenues

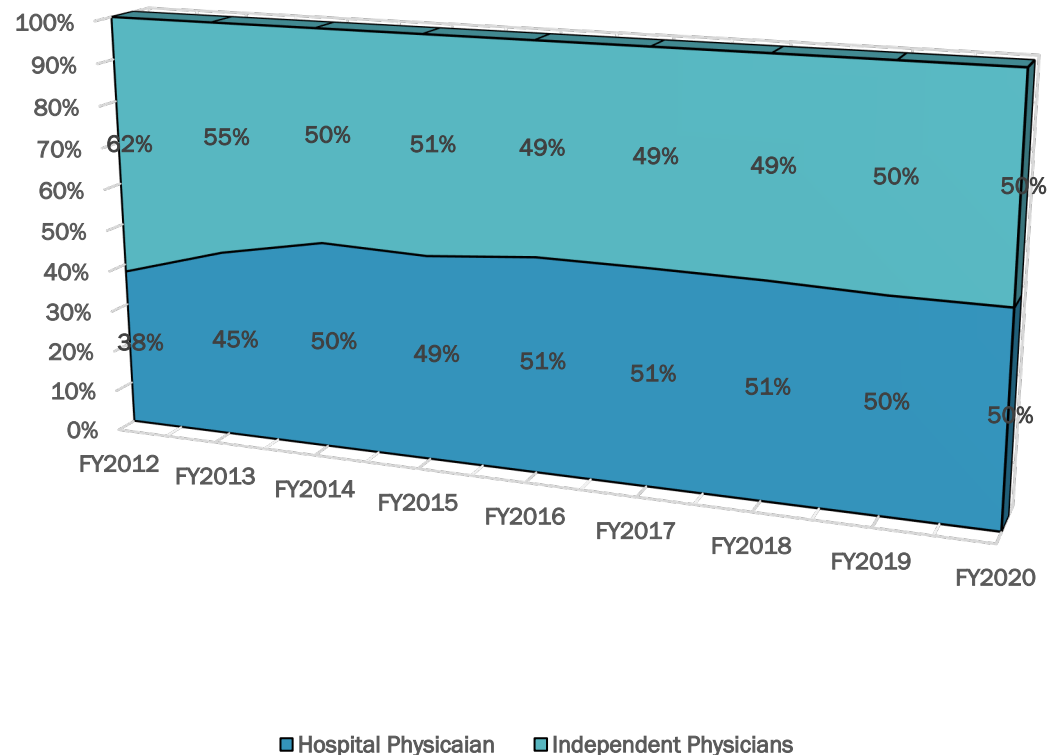
2020 In- and Out-of-State Revenues for Patients Receiving Services by Provider Category: (\$6.4 billion)



Vermont Provider Health Care Revenues

The 2018 Physician census reported 2,473 or 1,368 FTE physicians practicing in Vermont* of which 1,135 FTEs or 83% were employed by community hospitals** excluding locum tenens.

Community Hospital's Physician** Revenues increased from 38% in 2012 to ~50% in 2014 and continues into 2020.

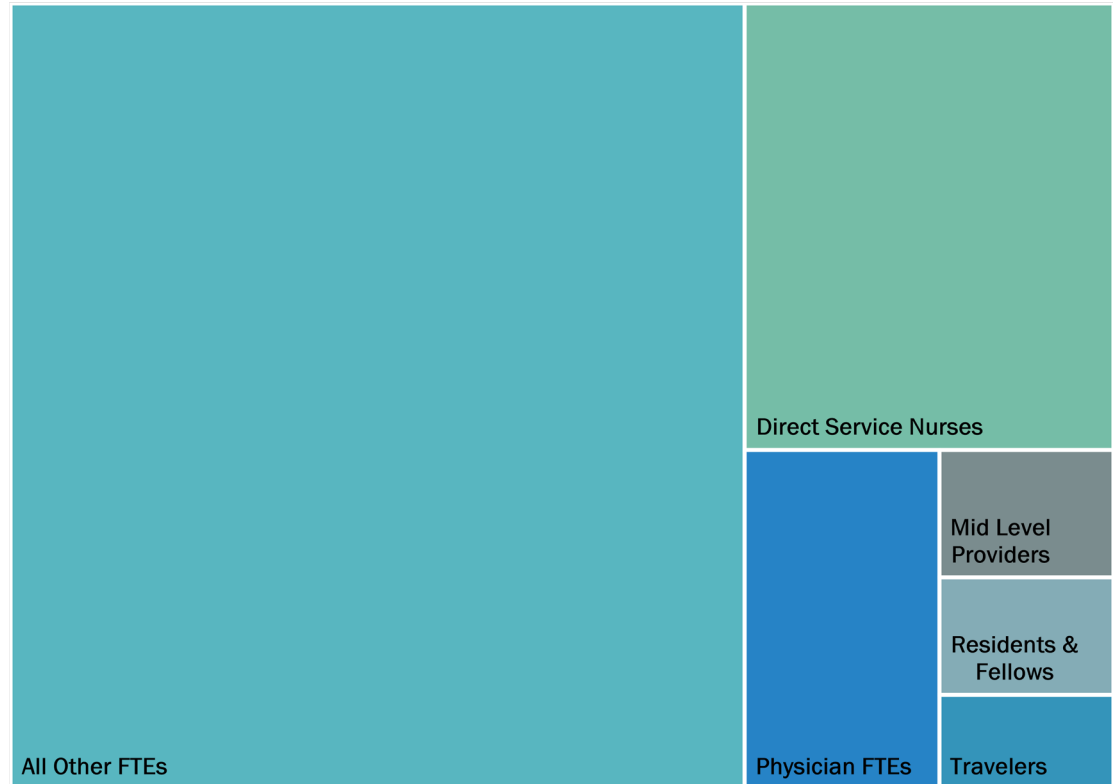


Notes: *Per the VT Dept. of Health's 2018 Physician Census report
** These counts and revenues are under review.

Vermont Provider Health Care Revenues

As of 2020, FTE Staff of Vermont's 14 Community Hospitals total 14,785 which includes 281 Travelers or 2% of their staff. In comparison, in 2016, the hospitals staff totaled 13,980 of which 167 were Travelers or 1% of their staff.

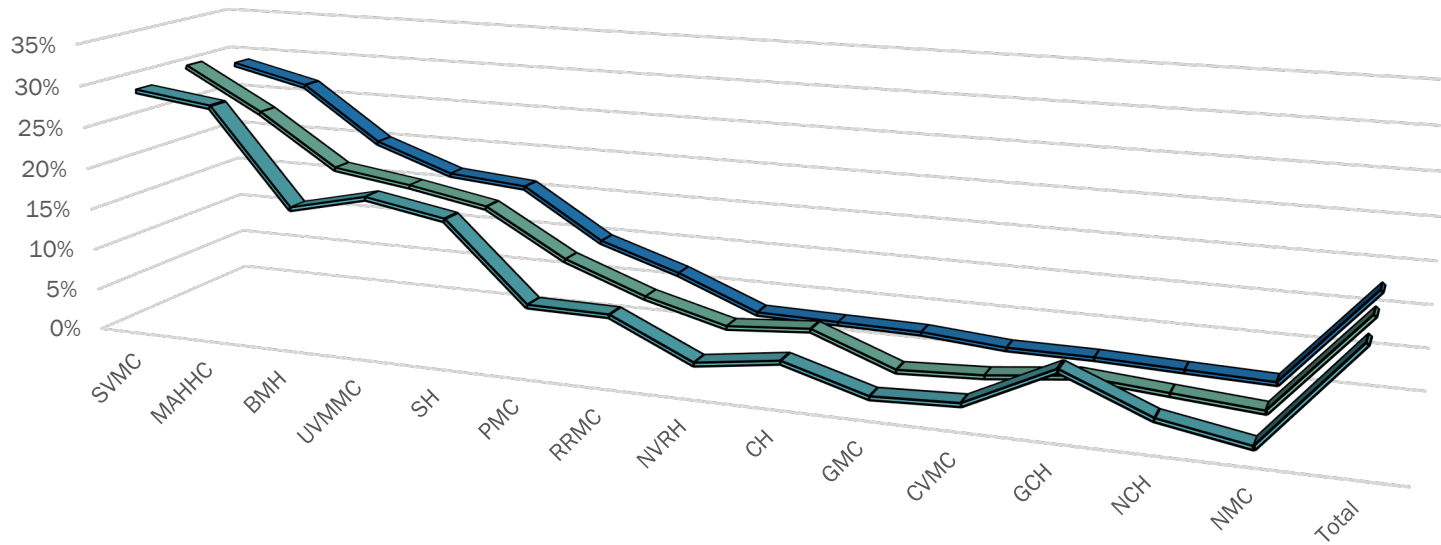
2020 - Community Hospital Staff



Sources: Community Hospital Budgets

Vermont Provider Health Care Revenues

Total Percent of Out of State Residents to Total Inpatient Discharges averages 13%.



	SVMC	MAHHC	BMH	UVMMC	SH	PMC	RPMC	NVRH	CH	GMC	CVMC	GCH	NCH	NMC	Total
■ 2016	29%	28%	16%	18%	17%	7%	7%	3%	4%	1%	2%	7%	3%	1%	13%
■ 2018	30%	25%	19%	18%	16%	10%	7%	4%	5%	1%	2%	3%	2%	1%	13%
■ 2020	29%	27%	20%	17%	16%	10%	7%	3%	3%	3%	2%	2%	1%	1%	13%

Source: 2021 Vermont Uniform Hospital Discharge Data Set. Does not include newborns.

Notes: All figures exclude discharges from the VA hospital and records with missing charges.

Vermont residents use hospitals in other states but reporting on those discharges is currently unavailable.



Comparative Summary of 2020 Expenditure Analyses



Resident and Provider Analyses by Payer Type and Provider Category

All dollar amounts are reported in thousands

	Resident (Reported by Payers)	Provider (Reported by Providers)
Payers		
Out of Pocket	\$773,419	\$783,715
Commercial	\$2,029,936	\$2,393,067
Medicare	\$1,573,648	\$1,636,940
Medicaid	\$1,708,622	\$1,594,170
Other Government - Federal	\$282,340	\$364,184
Total	\$6,367,964	\$6,772,076
Provider Services		
Hospitals	\$2,198,942	\$3,182,871
Hospitals-Only	\$2,198,942	\$2,780,565
Hospital-Physicians	\$0	\$402,306
Physicians	\$857,310	\$406,161
Dentists	\$124,813	\$308,806
Other Professionals	\$212,644	\$414,585
Home Health Care	\$154,130	\$163,615
Drugs & Supplies	\$913,013	\$1,015,596
Vision & DME	\$116,054	\$131,434
Nursing Home	\$240,845	\$269,072
Other Unclassified	\$173,682	\$34,455
Admin and Net Cost Ins	\$531,051	\$0
Mental Health & Other Government Activities	\$845,481	\$845,481
Total	\$6,367,964	\$6,772,076

Annual percent change 2019-2020

-2.3%



3.2%



Note: n.a. means Not available
 Note: *In/Out migration-Resident includes out of state care by residents. **Provider includes out of state patients treated.

Resident analysis differs from the Provider analysis due to Admin and Net Cost of Ins.; Drugs & Supplies are net of rebates and physicians are not reported within hospitals.

Vermont Resident Analysis Projections



Vermont
Health Care
Expenditure
Analysis Projection Projection

All dollar amounts are reported in thousands

Payers ²	2020	2021	2022	2020-2021 % change	2021-2022 % change
Out of Pocket	\$773,419	\$777,641	\$775,561	0.5%	-0.3%
Commercial	\$2,029,936	\$2,032,975	\$2,025,948	0.1%	-0.3%
Medicare	\$1,573,648	\$1,619,907	\$1,630,890	2.9%	0.7%
Medicaid	\$1,708,622	\$1,751,079	\$1,762,950	2.5%	0.7%
Other Government	\$282,340	\$199,487	\$229,002	-29.3%	14.8%
Total	\$6,367,964	\$6,381,090	\$6,424,351	0.2%	0.7%
Providers & Facilities ¹	2020	2021	2022	2020-2021 % change	2021-2022 % change
Hospitals	\$2,198,942	\$2,164,255	\$2,071,962	-1.6%	-4.3%
Physicians	\$857,310	\$819,553	\$770,271	-4.4%	-6.0%
Dentists	\$124,813	\$114,790	\$102,121	-8.0%	-11.0%
Other Professionals	\$212,644	\$201,397	\$192,303	-5.3%	-4.5%
Home Health Care	\$154,130	\$169,667	\$184,287	10.1%	8.6%
Drugs & Supplies	\$913,013	\$975,868	\$997,489	6.9%	2.2%
Vision & DME	\$116,054	\$117,513	\$115,587	1.3%	-1.6%
Nursing Homes	\$240,845	\$210,993	\$177,072	-12.4%	-16.1%
Other Unclassified	\$173,682	\$227,156	\$310,721	30.8%	36.8%
Admin & Net Cost of Health Insurance	\$531,051	\$609,993	\$774,988	14.9%	27.0%
Mental Health & Other Govt Activities	\$845,481	\$769,906	\$727,551	-8.9%	-5.5%
Total	\$6,367,964	\$6,381,091	\$6,424,351	0.2%	0.7%

Notes:

1. Expenditures represent the amount of spending and expected spending by each Provider sector.
2. Projections are primarily based on Vermont Payer trends when available.



Vermont Provider Analysis Projections



Vermont
Health Care
Expenditure
Analysis Projection Projection

All dollar amounts are reported in thousands

Payers	2020	2021 ²	2022 ²	2020-2021	2021-2022
				% change ²	% change ²
Out of Pocket	\$783,715	\$825,627	\$835,557	5.3%	1.2%
Commercial	\$2,393,067	\$2,521,044	\$2,551,368	5.3%	1.2%
Medicare	\$1,636,940	\$1,724,481	\$1,745,224	5.3%	1.2%
Medicaid	\$1,594,170	\$1,679,424	\$1,699,625	5.3%	1.2%
Other Government	\$364,184	\$383,660	\$388,274	5.3%	1.2%
Total	\$6,772,076	\$7,134,236	\$7,220,049	5.3%	1.2%
Providers & Facilities ¹	2020	2021 ²	2022 ²	2020-2021	2021-2022
				% change ²	% change ²
Hospitals^{3,4}	\$3,182,871	\$3,490,464	\$3,558,867	9.7%	2.0%
Physicians⁴	\$406,161	\$416,094	\$390,960	2.4%	-6.0%
Dentists	\$308,806	\$316,182	\$322,622	2.4%	2.0%
Other Professionals	\$414,585	\$450,448	\$466,686	8.7%	3.6%
Home Health Care	\$163,615	\$174,106	\$172,805	6.4%	-0.7%
Drugs & Supplies	\$1,015,596	\$1,060,369	\$1,112,065	4.4%	4.9%
Vision & DME	\$131,434	\$148,654	\$161,030	13.1%	8.3%
Nursing Homes	\$269,072	\$273,558	\$272,603	1.7%	-0.3%
Other Unclassified	\$34,455	\$34,455	\$34,860	0.0%	1.2%
Mental Health & Other Govt Activities	\$845,481	\$769,906	\$727,551	-8.9%	-5.5%
Total	\$6,772,076	\$7,134,236	\$7,220,049	5.3%	1.2%

Notes:

1. The amount of revenues earned and expected to be collected by each Provider sector.
2. Except for community hospitals, projections are primarily based on National Health Expenditure (NHE), and Vermont trends when available.
3. Actual 2021 and approved 2022 community hospital budgets are included in the forecast.
4. The community hospital amounts include physician practice expenditures reflective of any hospital's physician practice acquisitions.



Next Steps

- ✔ Efforts are underway to extend and enhance the VHCEA to better account for changes in the payment delivery system.
- ✔ Staff are consulting with partners and subject matter experts to identify current needs and determine the most meaningful ways to address existing limitations.
- ✔ New methods will be piloted with the 2021 VHCEA to be finalized in future releases.

Appendix

- ▼ Resident Analysis Detail
- ▼ Provider Analysis Detail
- ▼ Health Insurance Coverage Profile
- ▼ Methodologies, technical notes and sources
- ▼ Acknowledgements

2020 Vermont Resident Analysis



All dollar amounts are reported in thousands

PROVIDERS & FACILITIES	Percent of Total	Total	Out-of-Pocket	Commercial	Medicare	Medicaid	Other Government - Federal	Other Government - State & Local
Hospitals	34.5%	\$2,198,942	\$192,535	\$929,104	\$604,253	\$340,619	\$132,590	(\$159)
Community Hospital	32.5%	\$2,067,665	\$192,179	\$915,332	\$602,993	\$340,619	\$16,701	(\$159)
Inpatient	14.3%	\$909,773	\$78,913	\$279,181	\$334,662	\$200,607	\$16,636	(\$226)
Inpatient-Physician	18.2%	\$1,157,893	\$113,265	\$636,152	\$268,331	\$140,012	\$65	\$67
Outpatient-Physician	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Outpatient & ER	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Veterans Hosp	1.9%	\$120,328	\$0	\$4,440	\$0	\$0	\$115,888	\$0
Psych Hosp - State	0.1%	\$4,908	\$90	\$3,558	\$1,260	\$0	\$0	\$0
Psych Hosp - Private	0.1%	\$6,040	\$266	\$5,774	\$0	\$0	\$0	\$0
Physicians	13.5%	\$857,310	\$135,646	\$261,577	\$247,780	\$157,317	\$54,765	\$226
Office of Physicians	9.7%	\$617,879	\$98,363	\$174,772	\$174,223	\$115,530	\$54,765	\$226
Ambulatory Clinics	3.5%	\$222,567	\$36,764	\$86,438	\$64,553	\$34,811	\$0	\$0
CMHCs	0.6%	\$38,134	\$7,467	\$91	\$30,577	\$0	\$0	\$0
Other Ambulatory Clinics	2.9%	\$184,433	\$29,297	\$86,348	\$33,977	\$34,811	\$0	\$0
Labs	0.3%	\$16,864	\$518	\$366	\$9,004	\$6,976	\$0	\$0
Dentists	2.0%	\$124,813	\$27,890	\$72,404	\$100	\$22,268	\$1,992	\$159
Other Professionals (Licensed)	3.3%	\$212,644	\$34,893	\$79,947	\$55,734	\$41,336	\$736	(\$1)
Chiropractic	0.2%	\$13,630	\$3,796	\$6,856	\$1,645	\$1,333	\$0	\$0
Physical Therapy	0.2%	\$12,202	\$0	\$2,404	\$0	\$9,445	\$354	\$0
Podiatrist	1.3%	\$82,182	\$10,078	\$26,110	\$20,032	\$25,907	\$56	(\$1)
Psychological	0.0%	\$2,681	\$633	\$642	\$1,260	\$146	\$0	\$0
Optometrists	0.2%	\$9,577	\$2,233	\$2,210	\$3,054	\$2,033	\$47	\$0
Other (Professional)	1.5%	\$92,373	\$18,152	\$41,726	\$29,743	\$2,472	\$279	\$0
Home Health Care	2.4%	\$154,130	\$24,290	\$11,016	\$81,009	\$31,244	\$3,312	\$3,260
Drugs & Supplies	14.3%	\$913,013	\$183,886	\$319,375	\$344,040	\$66,928	(\$3,282)	\$2,065
Rx	13.3%	\$846,577	\$155,143	\$319,278	\$314,601	\$58,771	(\$3,282)	\$2,065
Other Supplies	1.0%	\$66,436	\$28,743	\$97	\$29,439	\$8,157	\$0	\$0
Vision & DME	1.8%	\$116,054	\$67,006	\$15,437	\$24,573	\$9,038	\$0	\$0
Nursing Homes	3.8%	\$240,845	\$87,328	\$1,336	\$2,554	\$145,293	\$0	\$4,335
Other Unclassified	2.7%	\$173,259	\$19,945	\$36,263	\$92,906	\$8,127	\$70	\$15,948
Mental Health & Other Govt Activities	13.3%	\$845,481	\$0	\$0	\$0	\$779,156	\$22,088	\$44,238
Admin & Net Cost of Health Insurance	8.3%	\$531,051	\$0	\$303,479	\$120,276	\$107,295	\$0	\$0
Administration	7.2%	\$456,047	\$0	\$228,475	\$120,276	\$107,295	\$0	\$0
Change in Surplus	1.2%	\$75,004	\$0	\$75,004	\$0	\$0	\$0	\$0
TOTAL VERMONT EXPENDITURES	100.0%	\$6,367,542	\$773,419	\$2,029,936	\$1,573,226	\$1,708,622	\$212,270	\$70,069
Percent of total expenditures		100.0%	12.1%	31.9%	24.7%	26.8%	3.3%	1.1%

Note: All physician spending including hospital physicians in the Resident Analysis are shown in the physician service category

	Payer reported data
	Allocations estimated from VT specific data
	Amounts imputed from National Health Expenditures or other indirect sources



2020 Vermont Resident Analysis Commercial Insurance



All dollar amounts are reported in thousands

PROVIDERS & FACILITIES	Percent of Total	Total	Self-Insured	BCBSVT	TVHP	MVP	Workers Comp	Other Private
Hospitals	45.8%	\$929,104	\$522,516	\$146,022	\$12,689	\$125,518	\$13,887	\$108,473
Community Hospital	45.1%	\$915,332	\$513,376	\$145,388	\$12,655	\$122,752	\$13,887	\$107,275
Inpatient	13.8%	\$279,181	\$150,610	\$47,451	\$2,937	\$39,268	\$4,958	\$33,957
Inpatient-Physician	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Outpatient-Physician	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Outpatient & ER	31.3%	\$636,152	\$362,766	\$97,937	\$9,718	\$83,484	\$8,929	\$73,318
Veterans Hosp	0.2%	\$4,440	\$4,068	\$244	\$22	\$0	\$0	\$106
Psych Hosp - State	0.2%	\$3,558	\$3,239	\$29	\$0	\$0	\$0	\$290
Psych Hosp - Private	0.3%	\$5,774	\$1,833	\$362	\$11	\$2,766	\$0	\$803
Physicians	12.9%	\$261,577	\$122,430	\$33,087	\$3,322	\$40,345	\$35,899	\$26,493
Office of Physicians	8.6%	\$174,772	\$66,596	\$14,110	\$1,190	\$40,342	\$34,618	\$17,916
Ambulatory Clinics	4.3%	\$86,438	\$55,786	\$18,952	\$2,126	\$2	\$1,006	\$8,566
CMHCs	0.0%	\$91	\$75	\$9	(\$0)	\$2	\$0	\$4
Other Ambulatory Clinics	4.3%	\$86,348	\$55,711	\$18,943	\$2,126	\$0	\$1,006	\$8,561
Labs	0.0%	\$366	\$48	\$26	\$7	\$0	\$274	\$12
Dentists	3.6%	\$72,404	\$41,705	\$458	\$11	\$294	\$220	\$29,717
Other Professionals (Licensed)	3.9%	\$79,947	\$54,881	\$8,846	\$976	\$3,618	\$4,464	\$7,161
Chiropractic	0.3%	\$6,856	\$4,398	\$907	\$94	\$234	\$622	\$600
Physical Therapy	0.1%	\$2,404	\$1,167	\$121	\$12	\$823	\$0	\$281
Podiatrist	0.0%	\$642	\$358	\$52	\$16	\$140	\$0	\$76
Psychological	1.3%	\$26,110	\$18,631	\$4,059	\$441	\$701	\$0	\$2,278
Optometrists	0.1%	\$2,210	\$1,649	\$261	\$169	\$0	\$0	\$130
Other (Professional)	2.1%	\$41,726	\$28,677	\$3,446	\$244	\$1,720	\$3,842	\$3,796
Home Health Care	0.5%	\$11,016	\$7,747	\$794	\$43	\$756	\$476	\$1,201
Drugs & Supplies	15.7%	\$319,375	\$165,812	\$67,254	\$1,263	\$38,844	\$2,068	\$44,135
Rx	15.7%	\$319,278	\$165,730	\$67,245	\$1,260	\$38,844	\$2,068	\$44,132
Other Supplies	0.0%	\$97	\$82	\$9	\$3	\$0	\$0	\$3
Vision & DME	0.8%	\$15,437	\$8,669	\$2,276	\$616	\$802	\$1,885	\$1,188
Nursing Home	0.1%	\$1,336	\$544	\$87	\$14	\$196	\$421	\$74
Other Unclassified	1.8%	\$36,263	\$25,674	\$6,239	\$958	\$0	\$0	\$3,392
Mental Health & Other Govt Activities	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Admin and Net Cost of Health Insurance	15.0%	\$303,479	\$75,169	\$76,908	\$7,656	\$48,180	\$42,977	\$52,588
Administration	11.3%	\$228,475	\$68,705	\$42,932	\$6,247	\$21,367	\$42,977	\$46,246
Change in Surplus	3.7%	\$75,004	\$6,464	\$33,976	\$1,409	\$26,813	\$0	\$6,342
TOTAL VERMONT EXPENDITURES	100.0%	\$2,029,936	\$1,025,147	\$341,971	\$27,548	\$258,552	\$102,295	\$274,422
Percent of total expenditures		100.0%	50.5%	16.8%	1.4%	12.7%	5.0%	13.5%

Note: All physician spending including hospital physicians in the Resident Analysis are shown in the physician service category



	Payer reported data
	Allocations estimated from VT specific data
	Amounts imputed from National Health Expenditures or other indirect sources

2020 Vermont Provider Analysis



All dollar amounts are reported in thousands

PROVIDERS & FACILITIES	Percent of Total	Total	Out-of-Pocket	Commercial	Medicare	Medicaid	Other Government - Federal	Other Government - State & Local
Hospitals	47.0%	\$3,182,871	\$229,349	\$1,551,289	\$842,881	\$340,840	\$211,026	\$7,486
Community Hospital	42.6%	\$2,884,154	\$225,418	\$1,529,098	\$827,144	\$302,493	\$0	\$0
Inpatient	15.7%	\$1,062,199	\$66,839	\$478,729	\$388,324	\$128,308	\$0	\$0
Inpatient-Physician	21.0%	\$1,419,649	\$121,187	\$877,737	\$315,197	\$105,528	\$0	\$0
Outpatient-Physician	1.8%	\$124,563	\$13,292	\$61,402	\$34,455	\$15,414	\$0	\$0
Outpatient & ER	4.1%	\$277,742	\$24,100	\$111,230	\$89,168	\$53,244	\$0	\$0
Veterans Hosp	3.4%	\$226,979	\$3,020	\$13,252	\$0	\$0	\$210,706	\$0
Psych Hosp - State	0.3%	\$22,609	\$0	\$0	\$1,429	\$21,160	\$20	\$0
Psych Hosp - Private	0.7%	\$49,130	\$911	\$8,939	\$14,307	\$17,187	\$300	\$7,486
Physicians	6.0%	\$406,161	\$64,264	\$122,104	\$124,808	\$69,316	\$25,564	\$105
Office of Physicians	4.4%	\$299,897	\$46,316	\$88,002	\$89,952	\$49,957	\$25,564	\$105
Ambulatory Clinics	1.5%	\$98,780	\$16,684	\$31,699	\$32,402	\$17,995	\$0	\$0
CMHCs	0.2%	\$11,373	\$2,859	\$5,431	\$0	\$3,083	\$0	\$0
Other Ambulatory Clinics	1.3%	\$87,407	\$13,825	\$26,268	\$32,402	\$14,912	\$0	\$0
Labs	0.1%	\$7,485	\$1,264	\$2,402	\$2,455	\$1,363	\$0	\$0
Dentists	4.6%	\$308,806	\$69,005	\$179,137	\$248	\$55,095	\$4,928	\$393
Other Professionals (Licensed)	6.1%	\$414,585	\$65,183	\$147,471	\$95,080	\$103,638	\$3,214	(\$1)
Chiropractic	0.5%	\$34,672	\$9,657	\$17,440	\$4,184	\$3,391	\$0	\$0
Physical Therapy	1.2%	\$82,276	\$0	\$16,207	\$0	\$63,683	\$2,386	\$0
Podiatrist	1.0%	\$66,561	\$8,163	\$21,147	\$16,224	\$20,982	\$45	(\$1)
Psychological	0.0%	\$2,860	\$675	\$684	\$1,344	\$156	\$0	\$0
Optometrists	0.7%	\$50,214	\$11,709	\$11,588	\$16,013	\$10,661	\$244	\$0
Other (Professional)	2.6%	\$178,002	\$34,979	\$80,405	\$57,315	\$4,764	\$538	\$0
Home Health Care	2.4%	\$163,615	\$1,697	\$16,397	\$99,048	\$41,033	\$2,180	\$3,260
Drugs & Supplies	15.0%	\$1,015,596	\$204,547	\$355,259	\$382,695	\$74,448	(\$3,651)	\$2,297
Rx	13.8%	\$931,398	\$187,589	\$325,807	\$350,968	\$68,276	(\$3,348)	\$2,107
Other Supplies	1.2%	\$84,198	\$16,958	\$29,453	\$31,727	\$6,172	(\$303)	\$190
Vision & DME	1.9%	\$131,434	\$75,887	\$17,482	\$27,830	\$10,235	\$0	\$0
Nursing Homes	4.0%	\$269,072	\$59,228	\$474	\$64,351	\$119,910	\$20,416	\$4,693
Other Unclassified	0.5%	\$34,455	\$14,555	\$3,452	\$0	\$500	\$0	\$15,948
Mental Health & Other Govt Activities	12.5%	\$845,481	\$0	\$0	\$0	\$779,156	\$22,088	\$44,238
Admin & Net Cost of Health Insurance	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Administration	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Change in Surplus	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL VERMONT EXPENDITURES	100.0%	\$6,772,076	\$783,715	\$2,393,067	\$1,636,940	\$1,594,170	\$285,765	\$78,419
Percent of total expenditures		100.0%	11.6%	35.3%	24.2%	23.5%	4.2%	1.2%

Note: All physician spending including hospital physicians in the Resident Analysis are shown in the physician service category



	Provider reported data
	Allocations estimated from VT specific data
	Amounts imputed from National Health Expenditures or other indirect sources

Health Insurance Coverage Vermont Residents**



	2013	2014	2015	2016*	2017	2018	2019	2020	Change, 2013-2020
Total Insured Market	151,752	156,430	145,803	95,131	92,920	94,415	92,321	84,830	▼44.1%
Individual & Small Group*	35,509	69,272	66,203	75,659	74,680	73,064	68,390	67,337	▲89.6%
Large Group	116,243	87,158	79,600	19,472	17,610	21,351	23,931	17,493	▼85.0%
Total Self-Insured Market	157,047	170,440	159,812	202,101	214,476	208,439	209,347	200,766	▲27.8%
Total Other	41,191	25,143	20,077	18,276	15,540	12,135	11,937	11,812	▼71.3%
TOTAL COMMERCIAL MARKET	349,990	352,013	325,692	315,508	322,306	314,989	313,605	297,408	▼15.0%
Medicaid	127,342	146,273	161,097	157,112	150,375	154,943	148,689	148,686	▲16.8%
Medicare	111,954	115,649	119,477	131,344	133,915	136,567	141,895	145,956	▲30.4%
TOTAL GOVERNMENT COVERAGE	239,296	261,922	280,574	288,456	284,290	291,510	290,584	294,642	▲23.1%

* **Note:** As of 2016 the Definition of Small Employer Group Changed from 50 to 100 lives

****Resources:**

Annual Statement Supplement Report (ASSR)

Vermont Household Health Insurance Survey (VHHIS)

Vermont Healthcare Claims Uniform Reporting and Evaluation System (VHCURES)

Department of Vermont Health Access (DVHA)

The Dartmouth Institute for Health Policy and Clinical Practice (TDI)

Methodologies, Technical Notes, and Sources*

- † [Expenditure Analysis Manual](#)
- † [NHE, Health Consumption Expenditures](#)
- † [US Comparisons: National Health Expenditure Data \(NHE\), the Centers for Medicare and Medicaid Services](#)
- † [US Dept. of Labor, Bureau of Labor Statistics](#)
- † [VT Dept. of Labor](#)
- † [GSP](#) refers to the [US Bureau of Economic Analysis](#)-Gross State Product (GSP), or Gross Regional Product (GRP), and is a measurement of the economic output of a state. The sum of all value added by industries within the state and serves as a counterpart to the Gross Domestic Product (GDP).
- † [VT Household Health Insurance Survey](#) aids in enrollment calculations and out-of-pocket calculations.
- † [Vermont Healthcare Claims Uniform Reporting and Evaluation System \(VHCURES\)](#) payer data is used to supplement source data and is also used to test for reasonableness and trends in payers' aggregate reports.
- † [Rural Health Services Task Force](#)

*Click on the source to follow the link to the website.

Methodologies, Technical Notes, and Sources

- ✔ Commercial payers’ “Spending” is defined as earned premiums or premium equivalents.
- ✔ The Out-of-Pocket (OOP) methodology primarily uses Vermont data, with allocations using Commercial and Medicare claims expenditures from VHCURES, The Vermont Household Health Insurance Survey, 2021 U.S. Census data (latest available), and the NHE are used to help estimate out-of-pocket costs for unique provider populations and services.
- ✔ Physician FTEs and Revenues are a known topic for improvement, calculations using claims expenditures from VHCURES and the Resident Analysis.

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- If you have questions about this report, please contact the GMCB at (802) 828-2177.