

# 2022 Vermont Hospitals Report

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This report was produced in cooperation with the Vermont Department of Health,  
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## Acknowledgments

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## Disclaimer

Vermont hospital discharge data for use in this publication were supplied by the VAHHS-NSO reporting system, Vermont EXPLOR, under a contract with GMCB. These data were supplied upon the authorization of the hospitals through agreements between VAHHS-NSO and each participating hospital.

After receipt of the data files from VAHHS-NSO, the data undergo additional editing and processing by the Vermont Department of Health, under an agreement with GMCB, before inclusion in the Vermont Uniform Hospital Discharge Data Set (VUHDDS). The VUHDDS is used to construct this report and is the official state data file available to the public. The Health Department does not assume responsibility for errors in the data due to coding or processing by hospitals, VAHHS-NSO Vermont EXPLOR, or other data providers.

## Vermonters Using Out-of-State Hospitals

GMCB has data sharing agreements with state agencies in New Hampshire, Massachusetts, and New York to receive hospital discharge records for Vermont residents using hospital services outside of Vermont. Unfortunately, the timeliness of the annual data exchange between Vermont and New Hampshire has been seriously impacted by major changes in New Hampshire's data collection and processing technologies. At the time of this report, New Hampshire has not released data to Vermont beyond 2015. In addition, Massachusetts has not released data to Vermont since 2013 due to changes in their data release policies.

The most recent population-based report, *Vermont Hospital Utilization Reports* (VHUR), was published in 2011 based on data from 2009. In 2009, approximately 9,000 of 52,000 Vermont resident inpatient discharges occurred at New Hampshire hospitals and another 2,000 at Massachusetts and New York hospitals.

## Requesting Hospital Data Files

Public Use data files are available on the Health Department website: <https://www.healthvermont.gov/health-statistics-vital-records/health-care-systems-reporting/hospital-discharge-data> .

Information on requesting research hospital discharge data sets (that include non-public data elements not found in Public Use data files) also can be found on the Health Department website:

<http://healthvermont.gov/health-statistics-vital-records/health-care-systems-reporting/hospital-discharge-data>.

For any additional information concerning the data sets, contact the Vermont Green Mountain Care Board at (802) 828-2900 or (800) 631-7788.

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Note: Reporting is limited to Vermont hospitals until the 2022 data are available for Vermont residents served in New Hampshire, Massachusetts and New York hospitals. The timeliness of the annual data exchange between Vermont and New Hampshire has been seriously impacted by major changes in New Hampshire's data collection and processing technologies. Data from New Hampshire have not been available since 2015, and Massachusetts data have not been available since the 2013 discharge year.

# User's Guide

## Introduction

The 2022 Vermont Hospitals Report presents information about patient health issues and hospital services provided in 14 Vermont acute care hospitals within inpatient, outpatient and emergency department settings. The 2022 report also presents data from The Green Mountain Surgical Center which began reporting outpatient services as of quarter two in 2021.

Hospital-based analyses are useful for understanding overall hospital utilization, and have applications for health system planning, cost containment, and resource development. Vermont hospitals near Vermont's borders may provide care to people in neighboring, non-Vermont towns. Hospital-based analyses include all people served by each hospital, regardless of their state of residency. This report focuses only on data from Vermont hospitals and includes all patients who received services regardless of whether they were Vermont residents or residents of other states.

Analyses by hospital service area (HSA) can be used to compare data for residents of geographic regions of Vermont who were provided services in any Vermont, New Hampshire, New York, or Massachusetts hospital. With some caveats, such population-based HSA analyses can help compare morbidity and practice variations across different regions of Vermont. Because data for Vermont residents using hospitals in all bordering states are not available at the time of production of this report, it is not possible to calculate accurate population-based rates for Vermont residents for this report. This report is based only on data from Vermont hospitals: analyses by hospital service area are not available.

Individuals may have multiple records in any or all of the datasets if they had multiple inpatient discharges, outpatient procedures, expanded outpatient services and/or emergency department visits during the reporting year. Therefore, the number of discharge/visit records likely exceeds the number of individuals who received hospital-based services during the reporting year.

## Sources of Data

All fourteen of Vermont's civilian acute care hospitals, under an agreement with the Vermont Association of Hospitals and Health Systems - Network Services Organization (VAHHS-NSO), supply discharge abstracts directly to VAHHS-NSO in electronic format for processing and consolidation. Under a contract with the Vermont Green Mountain Care Board (GMCB, formerly the Department of Financial Regulation, and prior to that, the Department of Banking, Insurance, Securities and Health Care Administration), VAHHS-NSO provides hospital discharge data to the Vermont Department of Health.

Upon receipt of Vermont hospital discharge data from VAHHS-NSO, the Health Department edits the data and checks for completeness and internal consistency. Results of these analyses are shared with VAHHS-NSO and participating Vermont hospitals as part of an ongoing quality improvement process.

The Veterans Administration hospital in White River Junction submitted data until June 30, 2006. The Brattleboro Retreat in Brattleboro and the Vermont State Hospital are strictly psychiatric hospitals and are not included in this report.

## Exclusions

As in any data set of this size, there are a small number of records with incomplete or missing elements. These records must be excluded from particular analyses. The number of missing records is indicated in each table so that all totals can be reconciled.

Throughout the report, to avoid counting hospitalizations for delivery twice, maternal records are included but newborns (MDC 15) are excluded from reports (although newborn charges are included in reports of total charges). This is a standard practice in hospital utilization analysis. However, discharge records for newborns are retained in the Vermont Uniform Hospital Discharge Data Set to support research and analyses that include this population.

## Data Suppression

Beginning in 2022 the GMCB has requested that VDH censor any cell in a data table with a count of fewer than 6 along with another cell in the same row and another cell in the same column to prevent the identification of the cell with a count fewer than 6 in a table. Suppressed cells will be marked with \*.

## Data Collection in Vermont

Inpatient discharge data has been the core of the Vermont hospital utilization reports since 1975. These data have been helpful in hospital planning and has provided a longitudinal view of hospital utilization and the health of Vermonters.

All fourteen of Vermont's civilian acute care hospitals participate in the Emergency Department reporting system. ED usage is of particular interest in a rural state that may have limited sites and hours available for provision of primary and urgent care in some areas. ED data also provide essential information for injury control studies since this is often the setting in which accidental and intentional injuries are evaluated and treated. Complete reporting of ED data to the hospital discharge reporting system began in 2003.

All fourteen of Vermont's civilian acute care hospitals submit outpatient data to the hospital discharge reporting system. Reporting of outpatient procedures that occurred in an operating room began in 1989.

In 2006, additional types of hospital-based outpatient services were collected in the hospital discharge dataset, such as diagnostic tests and therapeutic services. This report continues to explore these expanded outpatient data and includes information on revenue codes and primary cost centers.

## Hospital Settings

### Inpatient Discharges

The inpatient dataset includes all discharges that are billed as an inpatient stay, regardless of admission source. Maternal records are included, but newborns (MDC 15) are excluded from reports to avoid duplicate counts (although newborn charges are included in reports of total charges). Several tables provide comparisons of inpatient discharges that originated in the ED with those that did not.

### Emergency Department (ED) Visits

ED data are defined as records that originated in the ED, as indicated by an associated revenue code of 450-459, Emergency Room. ED visits are reported in terms of admission or non-admission to the inpatient setting.

### Outpatient Procedures

The outpatient procedure data include records with a primary CPT code in CCS high level groups 1 through 15 that did not originate in the ED. Outpatient procedures may have been performed in an operating room or other hospital outpatient setting.

### Observation Beds

The hospital discharge data also include observation bed records, as indicated by an associated revenue code of 760 or 762, Treatment/Observation Room. These are records recognized by third-party payers for beds occupied by a person in an observation status. Most observation bed records can be found in the outpatient setting with an associated ED revenue code and/or a primary CPT code in CCS high level groups 1 through 15. There are a few inpatient discharges from Vermont hospitals with an associated observation bed revenue code, and some observation bed records can be found in the outpatient data with no associated ED revenue code or primary CPT code.

### Expanded Outpatient Services

The expanded outpatient data include records that do not have an associated ED or observation bed revenue code, and do not have a primary CPT code in CCS high level groups 1 through 15. These data include additional types of hospital-based outpatient services, such as diagnostic tests and therapeutic services that are not classified elsewhere. Collection of the expanded outpatient data began with the 2006 reporting year.

### Comparison Across Hospital Settings

Since reporting year 2003, data have been available across three hospital settings: inpatient discharges, outpatient procedures and services, and emergency department (ED) visits. Comparison of utilization across these three settings offers a comprehensive view of patterns in the health care delivery system. The distribution of discharges among the three settings by hospital offers an interesting snapshot of local patterns of use. In most of these tables, the discharge records are sorted by diagnostic or procedure groups for comparison across the settings (see explanation of Clinical Classifications Software Refined below).

Records are presented at the visit level, one record per visit, except for Table O-11, where expanded outpatient visits with multiple revenue groups are reported more than once.

### Classification of Diagnoses and Procedures

2020 saw the transition from Clinical Classification Software (CCS) to the Clinical Classification Software Refined (CCSR). (See below). The CCSR reference files are updated annually.

In 2014 and 2015, hospitals reported diagnoses and procedures using multiple coding systems for inpatients, ED visits and outpatients. Due to changes in Vermont's requirements, as of July 1, 2014, reporting of [outpatient procedures](#) changed from the International Classification of Disease codes (9th Revision, Clinical Modification: ICD-9-CM) to the Current Procedural Terminology (CPT) and Health Care Procedure Coding System (HCPCS) coding system. In addition, as of October 1, 2015, federal mandates required that reporting of [all diagnoses and inpatient procedures](#) change from the ICD-9-CM to the ICD-10-CM/PCS coding system.

### [Inpatient Diagnosis Groupings](#)

Inpatient discharges are often grouped by diagnoses using Medicare Severity Diagnosis Related Groups (MS-DRGs) and Major Diagnostic Categories (MDCs). MS-DRG groupings describe conditions and procedures related to similar body systems or etiologies and are further grouped into 25 MDCs. However, these groupings are not used for outpatient or ED records. For this report, to facilitate comparisons across hospital settings, primary diagnoses for all inpatients, outpatients, and ED visits are grouped into the same clinically meaningful categories using Clinical Classifications Software (CCS).

### [Outpatient ICD-9CM and CPT Primary Procedures](#)

Prior to July 1, 2014, outpatient procedures were reported using the ICD-9-CM coding system; these codes were included as appropriate on each individual discharge record with a primary procedure code determined by the reporting hospital. As of July 1, 2014, outpatient procedures are reported using the HCPCS/CPT coding system; these codes are included on each of one-to-many revenue records per discharge, and there is no determination of primary CPT code by the reporting hospital. Therefore, a primary CPT code is calculated for each outpatient discharge using an algorithm that includes relative value units, charges, and whether the CPT code is for an ambulatory surgical procedure.

### [Clinical Classification Software Refined](#)

Clinical Classifications Software Refined (CCSR) is a tool developed at the Agency for Healthcare Research and Quality (AHRQ) and available to the public at the website: [https://www.hcup-us.ahrq.gov/toolssoftware/ccsr/ccs\\_refined.jsp](https://www.hcup-us.ahrq.gov/toolssoftware/ccsr/ccs_refined.jsp) The CCSR for ICD-10-CM aggregates more than 70,000 ICD-10-CM diagnosis codes into 543 clinically meaningful single level categories across 21 body systems, which generally follow the structure of the ICD-10-CM diagnosis chapters. For our reporting purposes we use the assignment of the default CCSR for the principal diagnosis. Similarly, the CCSR for ICD-10-PCS aggregates more than 80,000 ICD-10-PCS procedure codes into 328 clinically meaningful single level categories organized into 31 clinical domains, which generally follow the structure of the ICD-10-PCS Code Book. For our reporting purposes we use the CCSR category for the principal inpatient surgical procedure.

CCSR diagnosis and procedure groups are used in these tables to compare patient records within and across health care settings, and across time.

### [Revenue Code Primary Cost Center Groups](#)

Primary Cost Centers (PCCR) are used to group revenue codes into broader categories of services. About 25 of the most frequent PCCR categories are reported individually in this report, of over 60 possible categories. If a visit includes multiple revenue codes that map to the same PCCR category, or to multiple PCCR categories, each distinct category is counted once for that encounter.

# Highlights

## Highlights of Charges and In-migration to Vermont Hospitals

### Total Charges and Number of Discharges

- **Total charges for Vermont resident inpatient discharges from Vermont hospitals** increased by 8.3% from 2021 to 2022. Charges for non-resident inpatient discharges increased by 12.6%. The number of inpatient discharges for Vermont residents in 2022 decreased by 1.0% from 2021, and the number of non-resident inpatient discharges decreased by 1.7% from 2021.
- **Total charges for Vermont residents with ED visits to Vermont hospitals** increased by 16.9% from 2021 to 2022, while charges for non-residents increased by 23.6%. Total charges have fluctuated in recent years, with the smallest increases occurring from 2016 to 2017 (2.5% and 3.6% respectively). The largest increase was from 2020 to 2021 (26.1% and 35.5% respectively). The number of ED visits for both Vermont residents and non-residents has increased from 2021 to 2022 (10.1% and 14.1% respectively).
- **Total charges for Vermont residents with outpatient procedures in CCS high-level procedure groups 1 through 15 at Vermont hospitals** increased 14.2% from 2021 to 2022 compared to the increase of 13.9% in total charges for non-residents. The number of outpatient procedures for Vermont residents increased by 4.6% from 2021 while the number of procedures for non-residents increased from 2021 to 2022 by 5.5%.

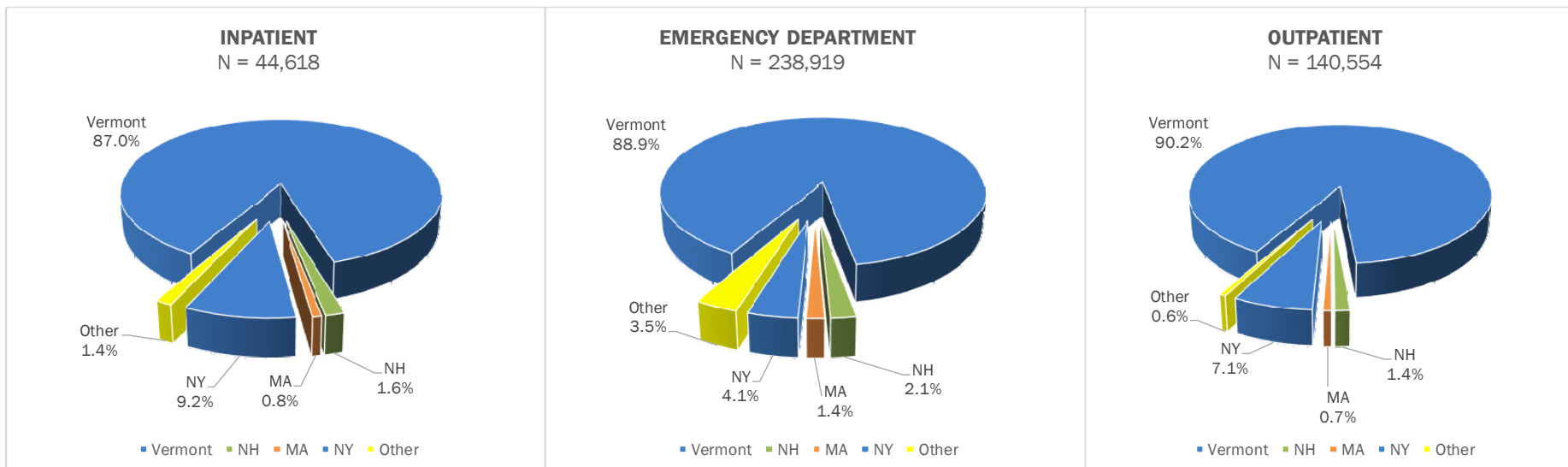
### In-migration

- Most in-migration to Vermont hospitals in 2022 continued to be by New York residents for inpatient care, ED visits, and outpatient procedures in range. As in recent years, New York residents accounted for a much smaller percent of all ED visits than of either inpatient discharges or outpatient procedures (4.1% of ED visits, compared to 9.2% of inpatient discharges and 7.1% of outpatient procedures in range).
- In 2022, New York residents accounted for a higher percent of total charges than of total discharges in all three settings (4.7% of ED charges, 14.4% of inpatient charges and 7.6% of outpatient charges), as in recent years.

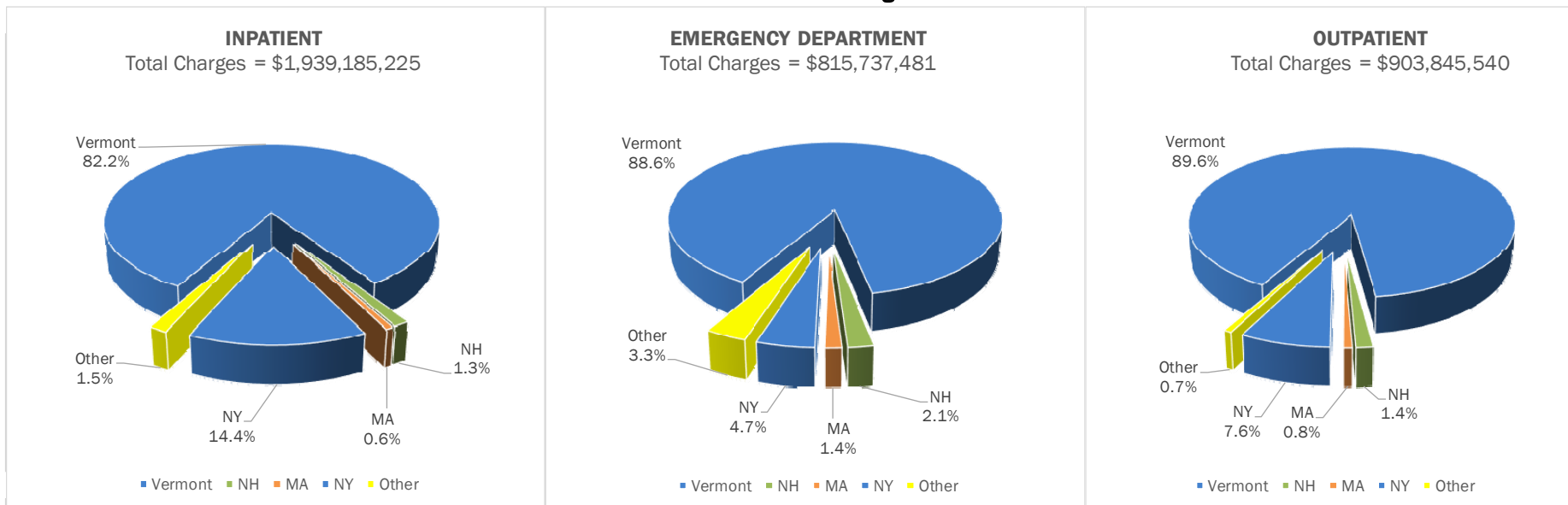
Note: Reporting is limited to Vermont hospitals until the 2022 data are available for Vermont residents served in New Hampshire, Massachusetts, and New York hospitals. The timeliness of the annual data exchange between Vermont and New Hampshire has been seriously impacted by major changes in New Hampshire's data collection and processing technologies. Data from New Hampshire have not been available since 2015, and Massachusetts data have not been available since the 2013 discharge year.

## 2022 Vermont Hospitals Summary of Patients' State of Residence by Hospital Setting

### Percent of Total Discharges



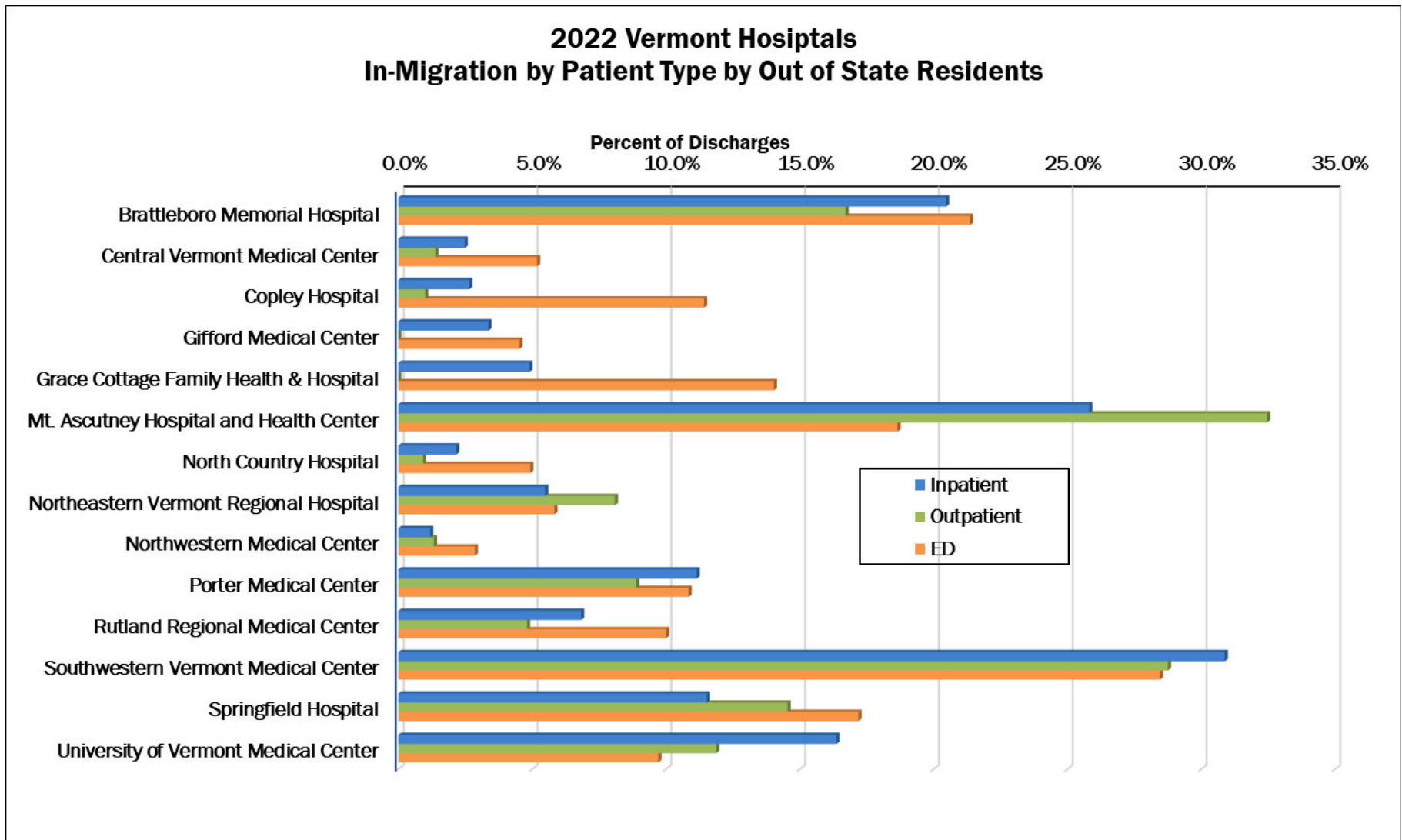
### Percent of Total Charges



Numbers of discharges exclude newborns. Total charges include charges for newborns.



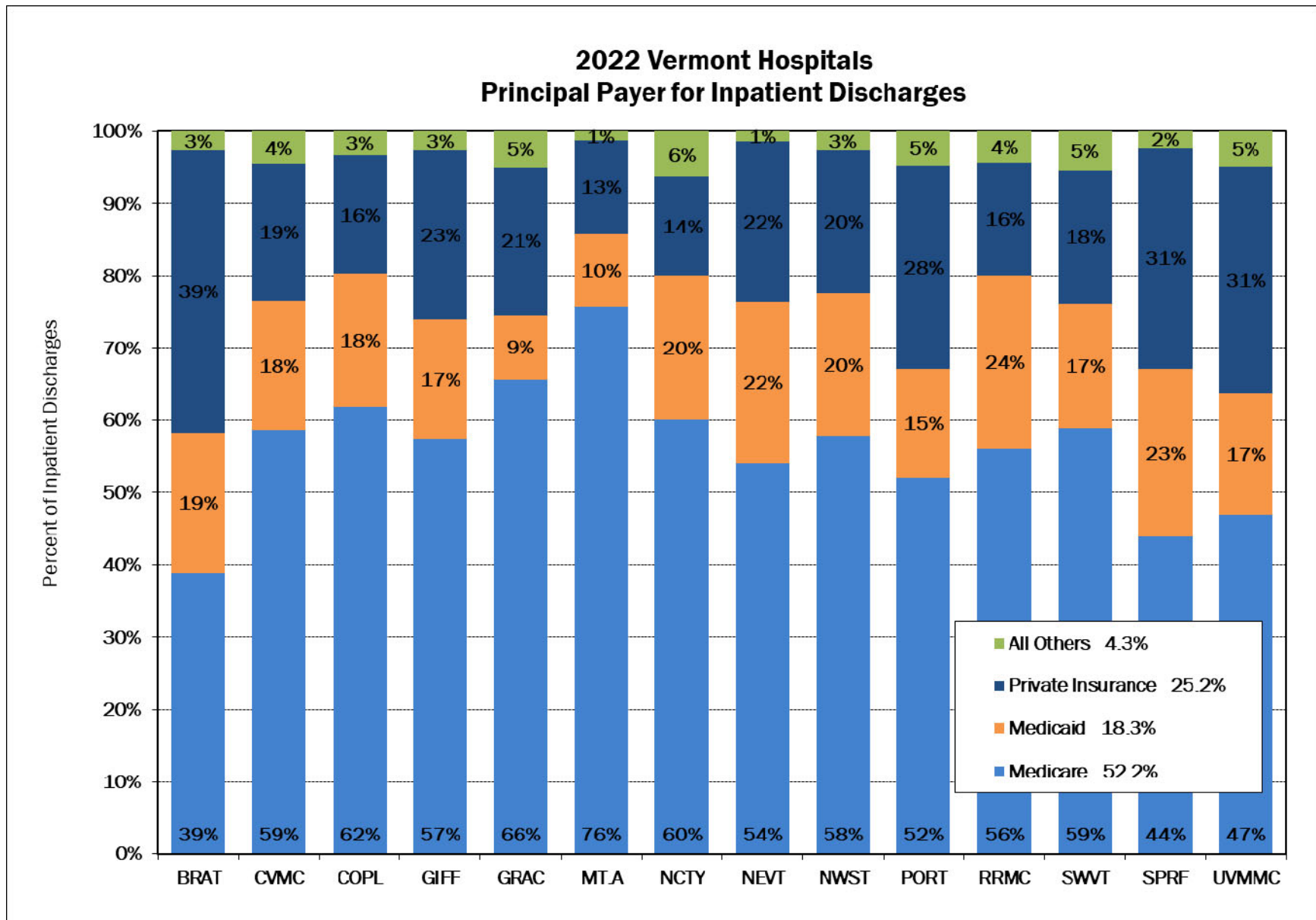
- In 2022, the number of out-of-state encounters and visits to Vermont hospitals varied by patient type, with Southwestern Vermont Medical Center, and Mt. Ascutney Hospital and Health Center reporting inpatient migration at 25% or greater, (30.9%, and 25.8% respectively). ED visits from out of state residents at Southwestern Vermont Medical Center were reported at 28.5% followed by Brattleboro Memorial Hospital with 21.4% and Mt. Ascutney Hospital and Health Center with 18.7%. Outpatient discharges saw the largest percentage of out-of-state encounters from Mt. Ascutney Hospital and Health Center having 32.5%, followed by Southwestern Vermont Medical Center at 28.8% and Brattleboro Memorial Hospital with 16.7%.



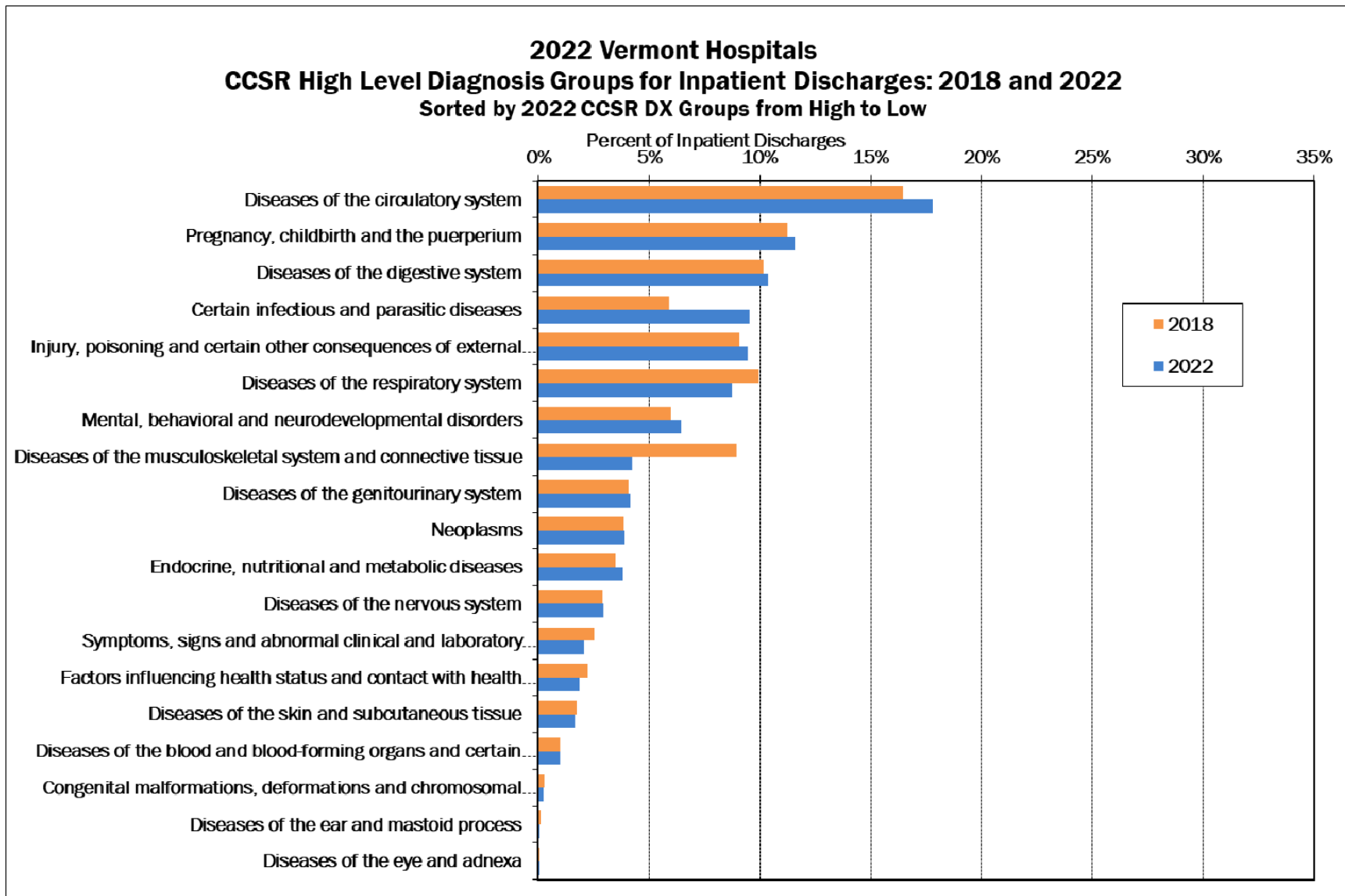
## Highlights of Inpatient Discharges from Vermont Hospitals

- **In 2022, there were 44,618 inpatient discharges from Vermont hospitals**, including maternal records but excluding newborns. Of these, 87.0% were Vermont residents, and 13.0% were residents of New Hampshire, Massachusetts, New York or elsewhere.
- **The number of inpatient discharges from Vermont hospitals has decreased** 7.5% from 2018, and decreased 1.1% from 2021, including both Vermont residents and non-residents. The average length of stay for these discharges increased from 5.0 days per discharge in 2018 to 5.4 in 2021, and to 5.8 in 2022.
- **Similar to findings in recent years**, more than half of the total inpatient discharges from Vermont hospitals in 2022 originated in the Emergency Department (67.0%).
- **The University of Vermont Medical Center** continued to have the highest number of inpatient discharges at 19,815 in 2022 (44.4% of all inpatient discharges, compared to 44.6% in 2021 and 41.9% in 2018). Rutland followed with 5,849 discharges (13.1%) in 2022. Grace Cottage Family Health & Hospital and Mt. Ascutney Hospital and Health Center had the lowest total numbers of inpatient discharges in 2022 (102 and 852 respectively).
- **The University of Vermont Medical Center** continued to have the highest total number of patient days at 138,807 in 2022 (53.2% of 260,680 patient days), followed by Rutland Regional Medical Center with 31,326 (12.0%). Grace Cottage Family Health & Hospital had the lowest total number of patient days (602).
- **In 2022, average length of stay in Vermont hospitals varied** from 3.5 days per discharge at Gifford Medical Care and Brattleboro Memorial Hospital to 7.0 days per discharge at The University of Vermont Medical Center: not including Mt. Ascutney Hospital and Health Center.
- **The exception** was Mt. Ascutney Hospital and Health Center, where the average length of stay in 2022 was 11.2. The high average length of stay started in 2014, due in large part to updates made to the computer system at VAHHS-NSO which allows inpatient rehabilitation cases to be submitted. These cases tend to have longer lengths of stay.

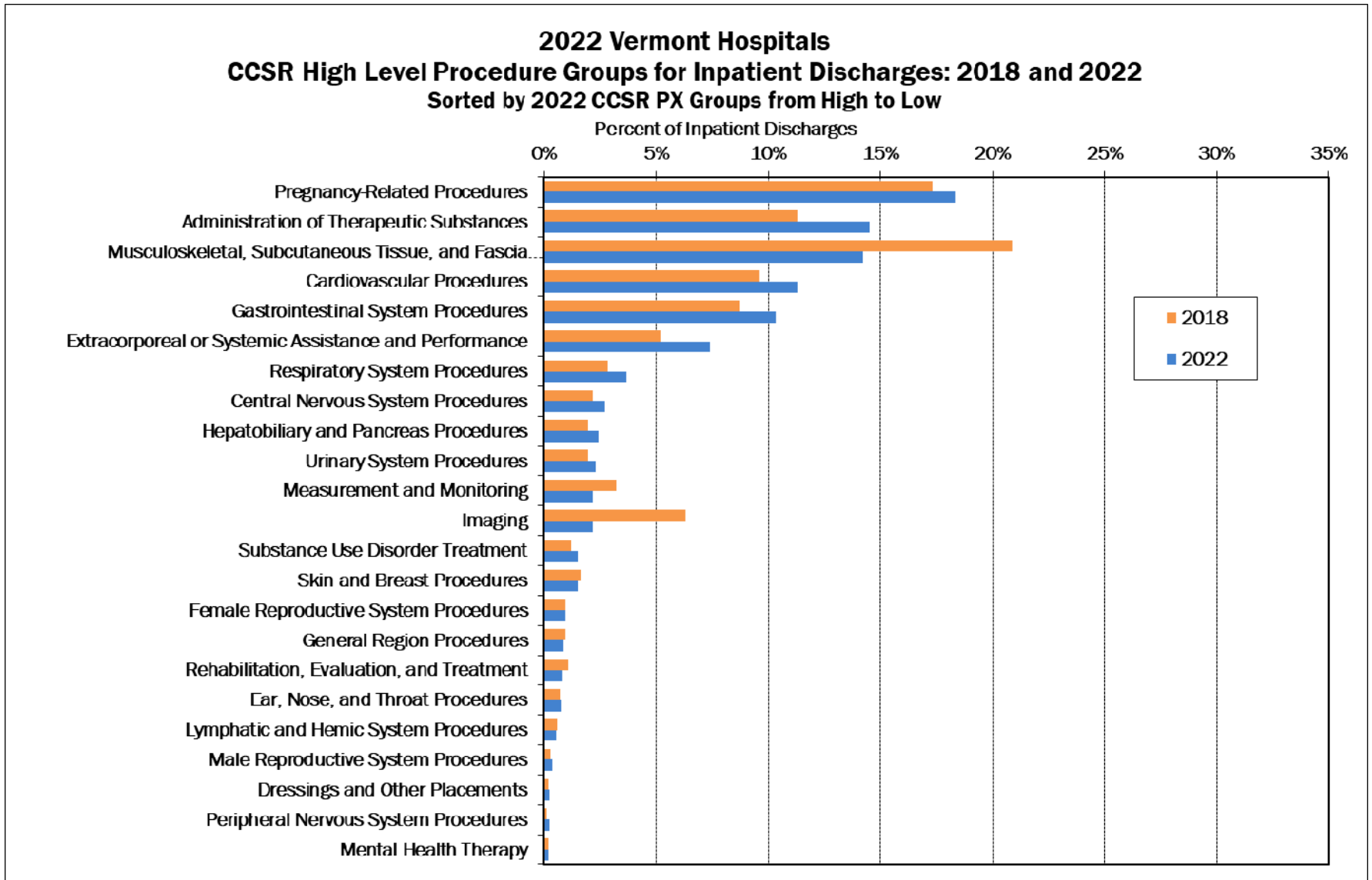
- In 2022, Medicare continued to be the leading principal payer for inpatient discharges from Vermont hospitals at 52.2% of total discharges, followed by private insurance at 25.2% and Medicaid at 18.3%. These figures are comparable to those in recent years. As in previous years, there was wide variation among hospitals in payer mix.



- The most frequent reasons for hospitalization in 2022** were Diseases of the Circulatory System; Pregnancy, Childbirth, and the Puerperium; Diseases of the Digestive System; Certain Infectious and Parasitic Diseases; and Injury, Poisoning and Certain Other Consequences of External Causes. This is consistent with recent years. Of note are the continued decreases in percent of hospitalizations with diagnoses for Disease of the Musculoskeletal System, and Diseases of the Respiratory System, and the increases in the percent of diagnoses Certain Infectious and Parasitic Diseases, and Diseases of the Circulatory System.

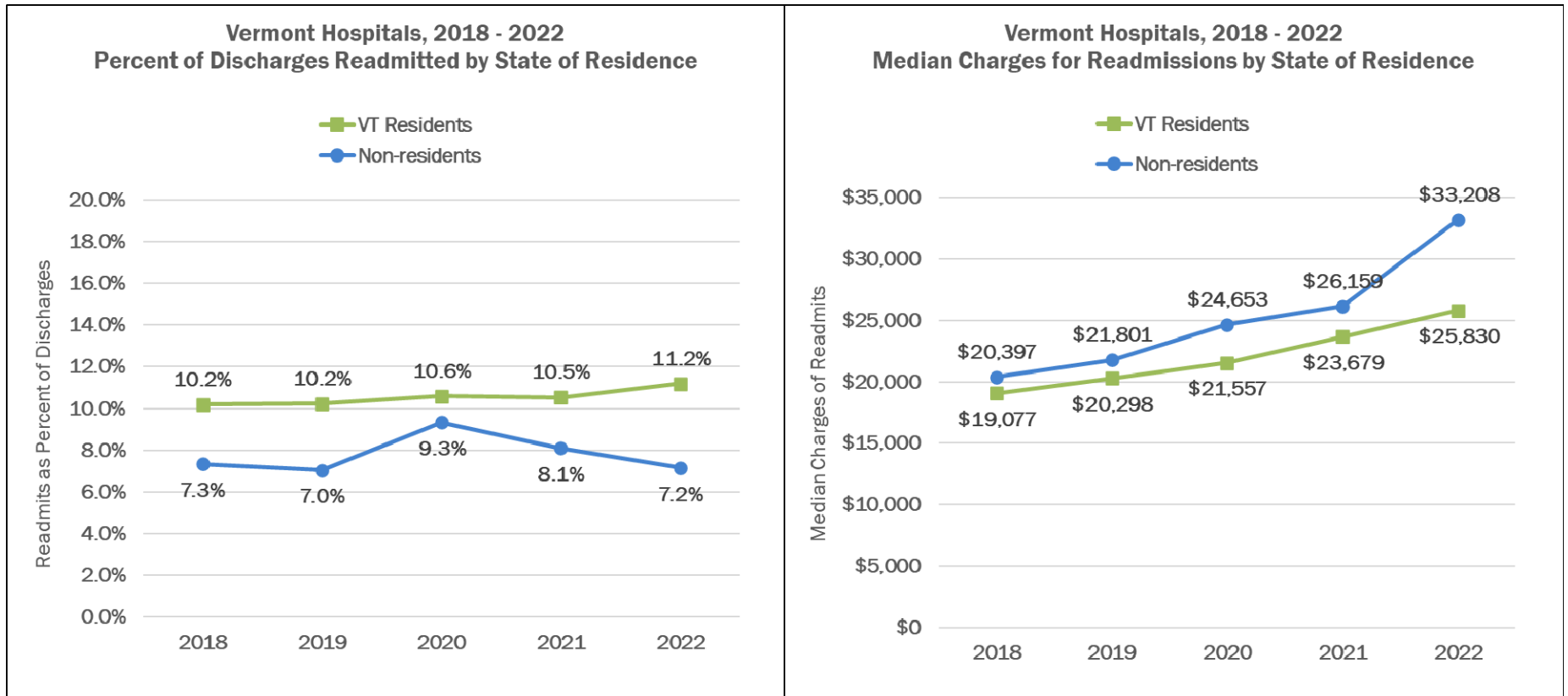


- The most frequent inpatient procedures during hospitalization in 2022 were Pregnancy-Related Procedures, as well as Administration of Therapeutic Substances, followed by Musculoskeletal, Subcutaneous Tissue and Fascia Procedures, and Cardiovascular Procedures. During the five-year span the largest increases were seen in Administration of Therapeutic Substances, followed by Extracorporeal or Systemic Assistance and Performance. The largest decreases were seen in Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures, followed by Imaging.

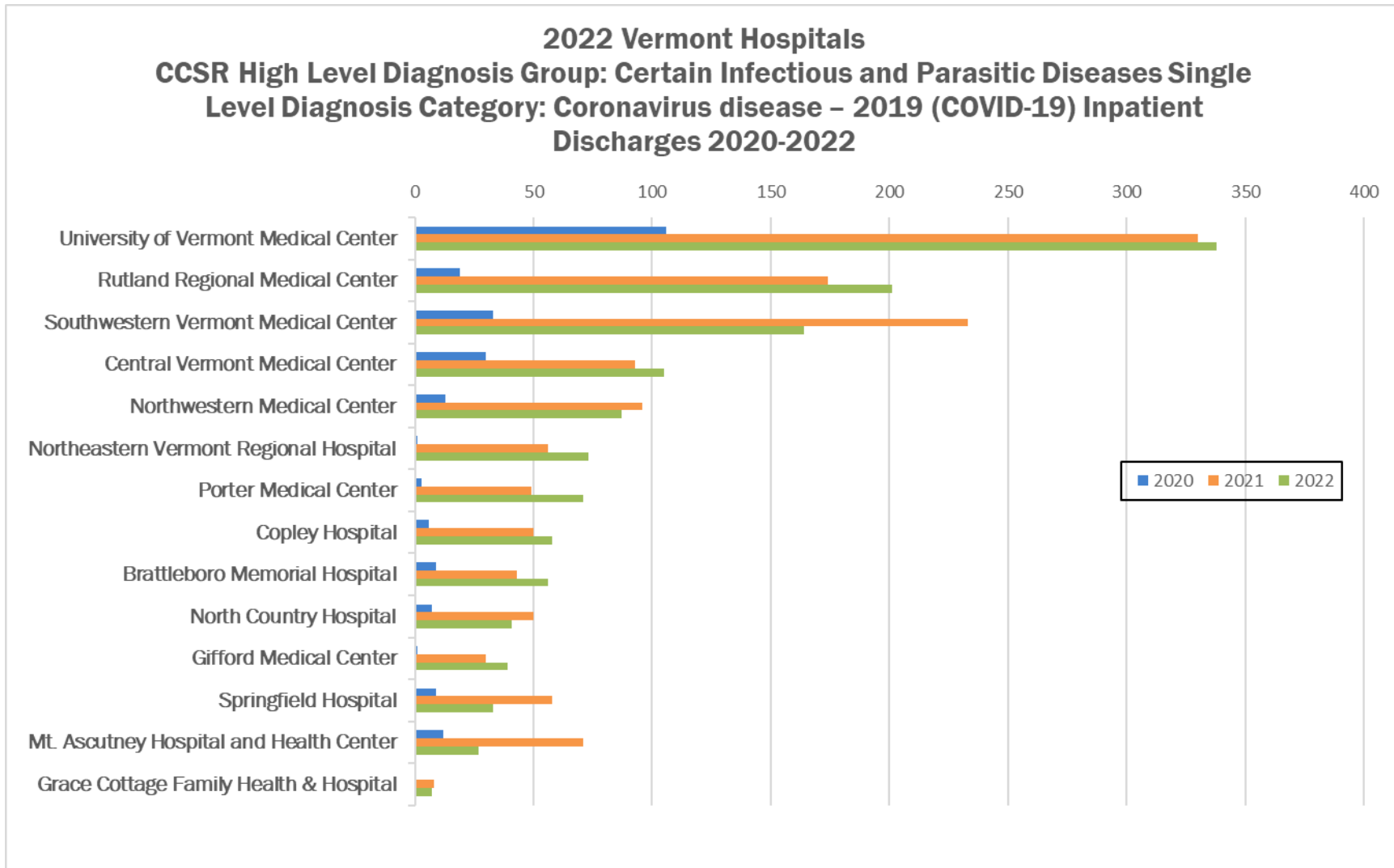


- **The percent of inpatients readmitted to the same hospital for any reason within 30 days of discharge** differs by the patient’s state of residence, with Vermont residents readmitted more frequently than out-of-state residents each year from 2018 through 2022. In contrast, out-of-state residents have higher median charges than Vermont residents when readmitted to Vermont hospitals.

Note: ‘Readmission’ is defined in this report as readmitted to the same hospital for any reason within 30 days of discharge, excluding readmission on the same day as discharge.

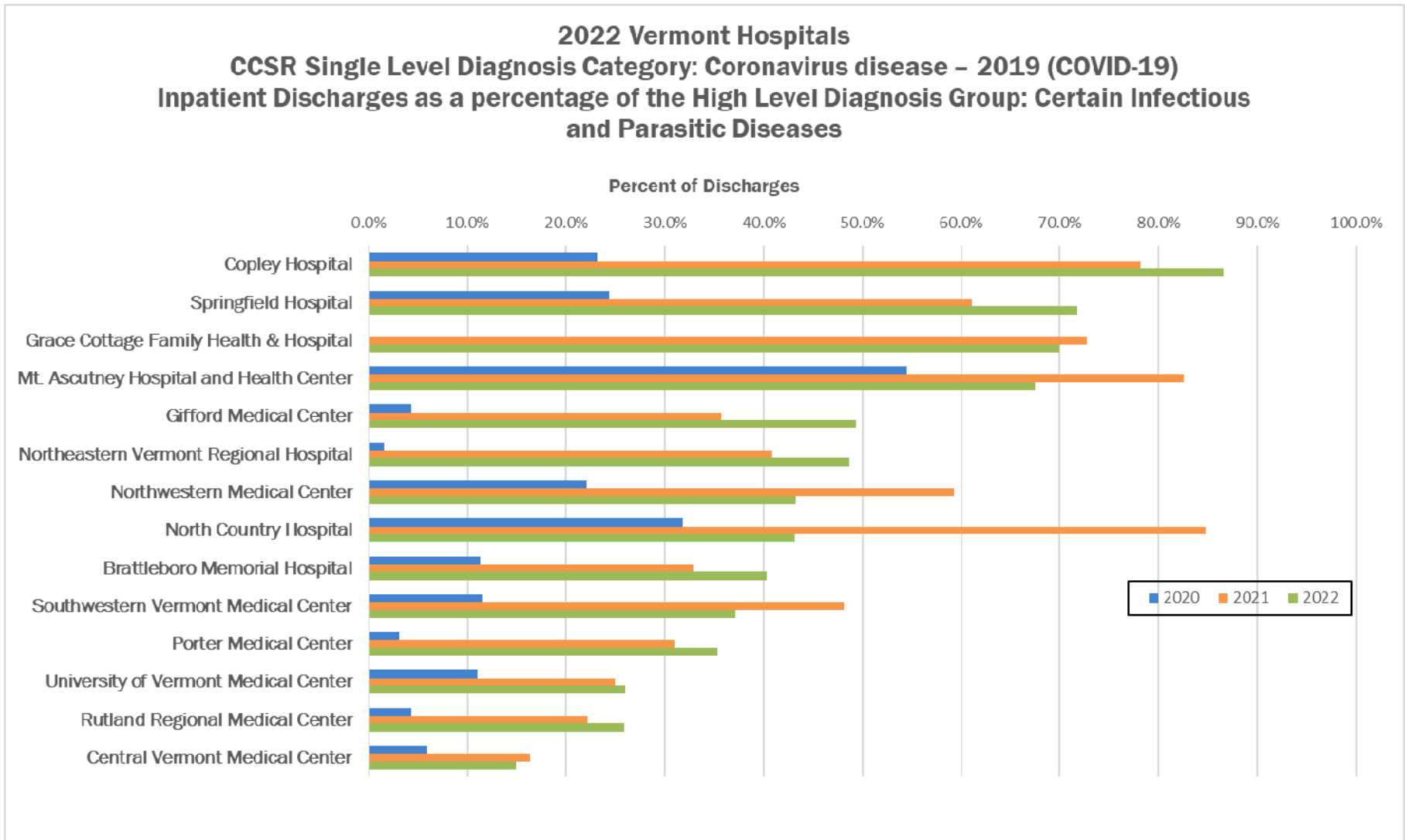


- The increase in inpatient discharges for COVID-19 in 2022 compared to 2021 is noticeable in 8 of Vermont's 14 community hospitals with the University of Vermont Medical Center seeing the largest number of discharges in 2022, followed by Rutland Regional Medical Center, Southwestern Vermont Medical Center, and Central Vermont Medical. Grace Cottage Family Health & Hospital saw the fewest inpatient discharges for COVID-19, followed by Mount Ascutney Hospital, and Springfield Hospital.



Diagnosis code U071 was effective April 1, 2020

- Looking at the percentage of COVID-19 to its high-level diagnosis group Certain Infectious and Parasitic Diseases for the years 2020 through 2022, Copley Hospital's percentage increased to 86.6% in 2022, followed by Springfield Hospital 71.7%, and Grace Cottage Family Health & Hospital 70.0%. Central Vermont Medical Center, Rutland Regional Medical Center, and the University of Vermont Medical Center had the lowest percentage of COVID-19 to the high-level diagnosis group with 15.0%, 25.9% and 25.9% respectively.



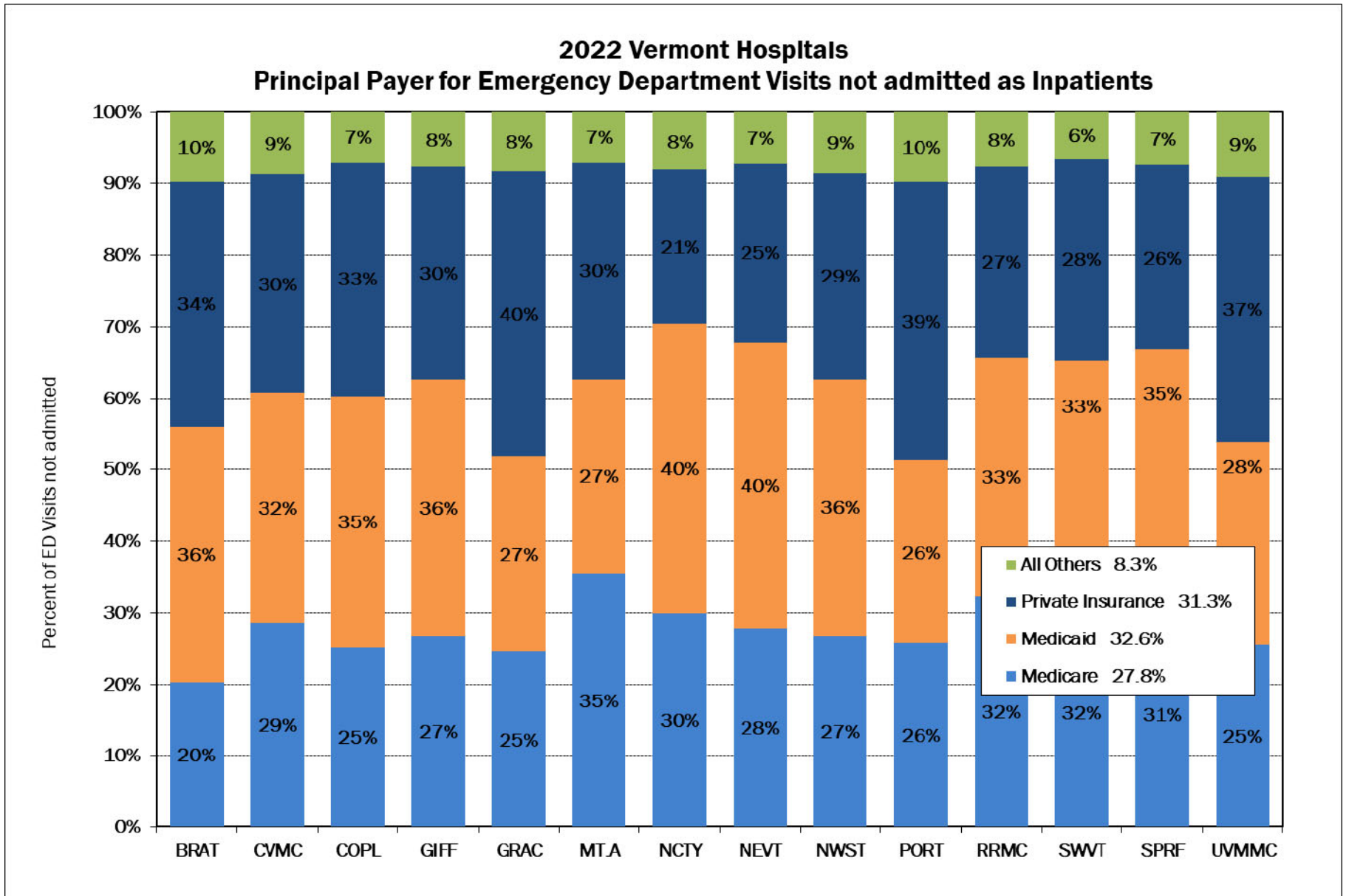
Diagnosis code U071 was effective April 1, 2020



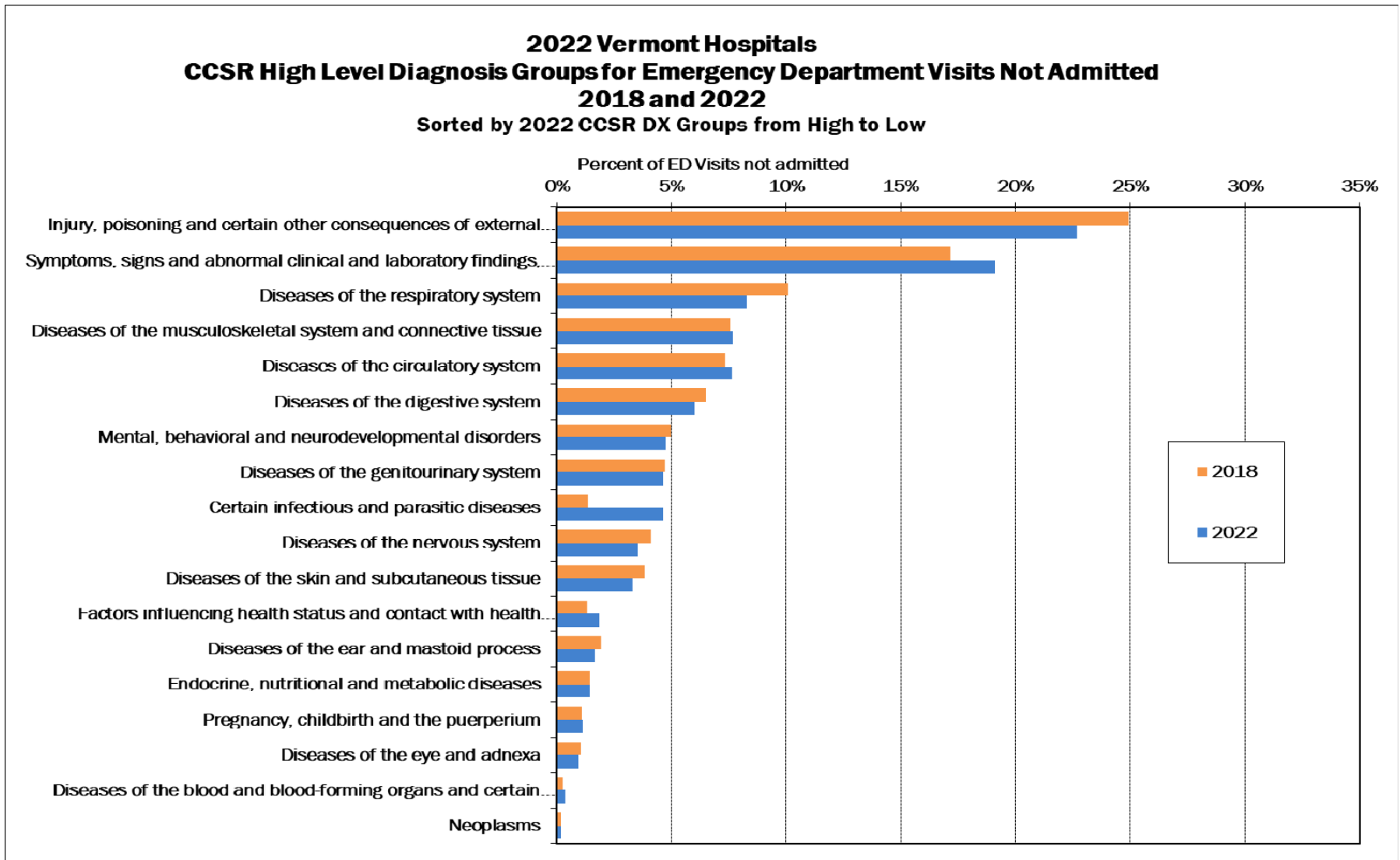
## Highlights of Visits to Vermont Hospital Emergency Departments

- **In 2022, there were a total of 268,811 visits to Vermont hospital Emergency Departments**, including both Vermont residents and non-residents, a 9.2% increase from 2021. Similar to recent years, 88.9% (238,919) of these ED visits were not admitted, while the remaining 11.1% (29,892) of ED visits were admitted and categorized as inpatient discharges.
- **Overall, the number of ED visits increased** from 2018 to 2022 by 1.1% (1.3% for ED visits not admitted, and a -0.6% increase for those admitted as inpatients).
- **In 2022, as in previous years, the percentage of ED visits that were admitted as inpatients increased with increasing age.** Just 2.2% of ED visits by children under age 15 were admitted, as were 4.5% of visits by individuals aged 15-44, 12.0% of those aged 45-64, 18.1% of those aged 65-69, 20.3% of those aged 70-74, 22.1% of those aged 75-79, and 27.5% of those aged 80 and older.
- **The University of Vermont Medical Center** continued to have the highest percentage of visits to the ED in 2022, leading all Vermont hospitals with 23.1% of all ED visits. Of all ED visits to The University of Vermont Medical Center, 18.5% were admitted as inpatients, a 1.2% decrease from the previous year's percentage.
- **The percent of ED visits that were admitted in 2022 ranged** from highs of 18.5% at The University of Vermont Medical Center, 16.0% at Rutland Regional Medical Center, and 13.3% at Central Vermont Medical Center, to a low of 2.0% at Grace Cottage Hospital and 3.0% Porter Medical Center.
- **Of all ED visits, those with a primary diagnosis of Neoplasms were the most likely to be admitted (63.4%),** followed by those with Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (30.9%), and those with Congenital Malformations, Deformations and Chromosomal Abnormalities (30.9%), followed by those with Endocrine, nutritional and metabolic diseases (27.8%). Least likely to be admitted were ED visits for Certain Conditions Originating in the Perinatal Period (0.0%) and for Diseases of the Ear and Mastoid Process (0.9%).

- In 2022, Medicaid was the leading principal payer for ED visits not admitted at 32.6% of these visits, followed by Private Insurance at 31.3% and Medicare at 27.8%. These figures are comparable to those in recent years. As in previous years, there was wide variation among hospitals in payer mix.



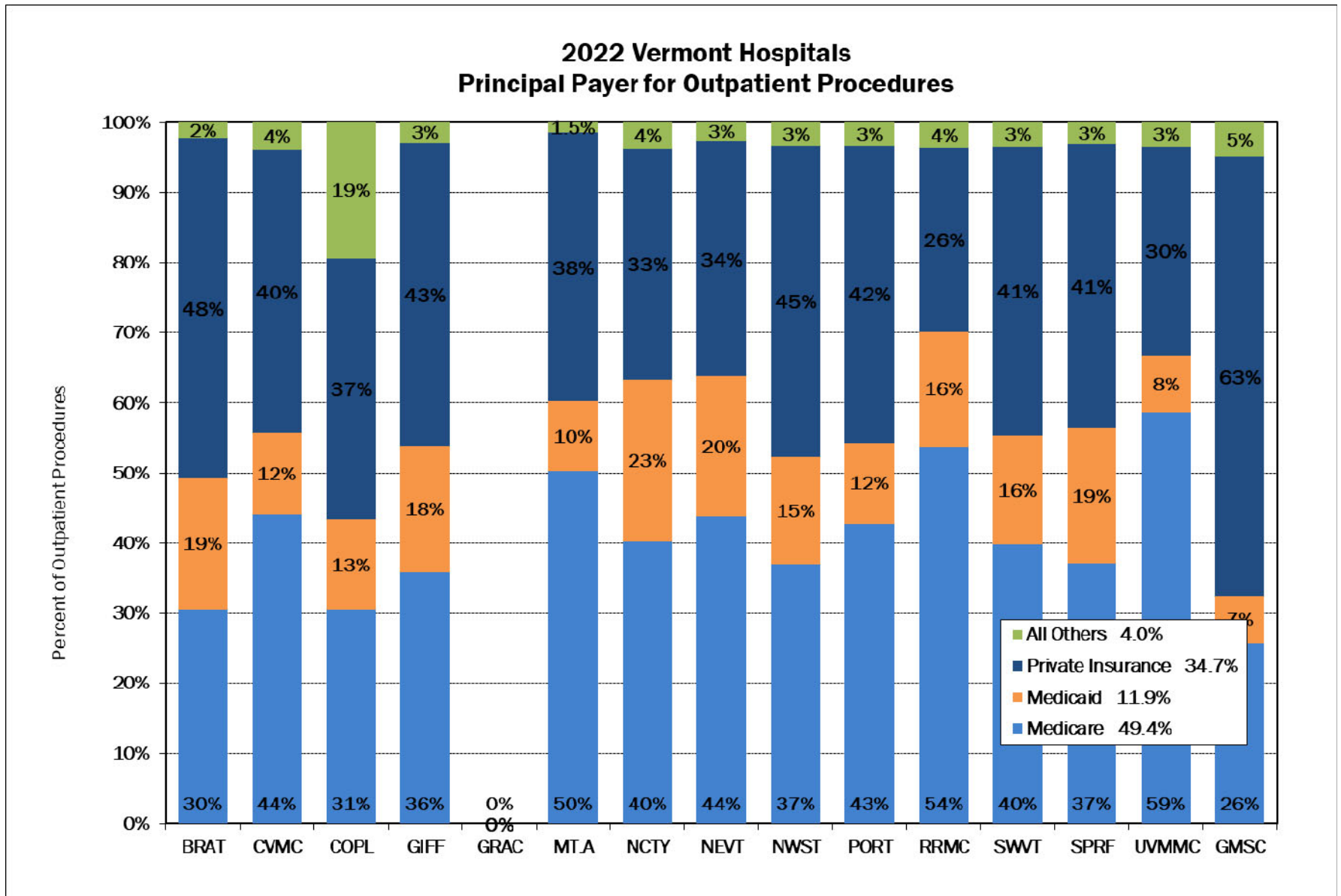
- The most frequent reasons for ED visits not admitted in 2022** were Injury, Poisoning and Certain Other Consequences of External Causes; Symptoms, Signs and Abnormal Clinical and Laboratory Findings; Diseases of the respiratory system; and Diseases of Musculoskeletal System and Connective Tissue. This is consistent with recent years. Of note is the substantial decrease over 5 years in the percent of ED visits not admitted for Injury, Poisoning and Certain Other Consequences of External Causes, and Diseases of the Respiratory System; and the increases over 5 years in Certain Infectious and Parasitic Diseases, and Symptoms, Signs and Abnormal Clinical and Laboratory Findings.



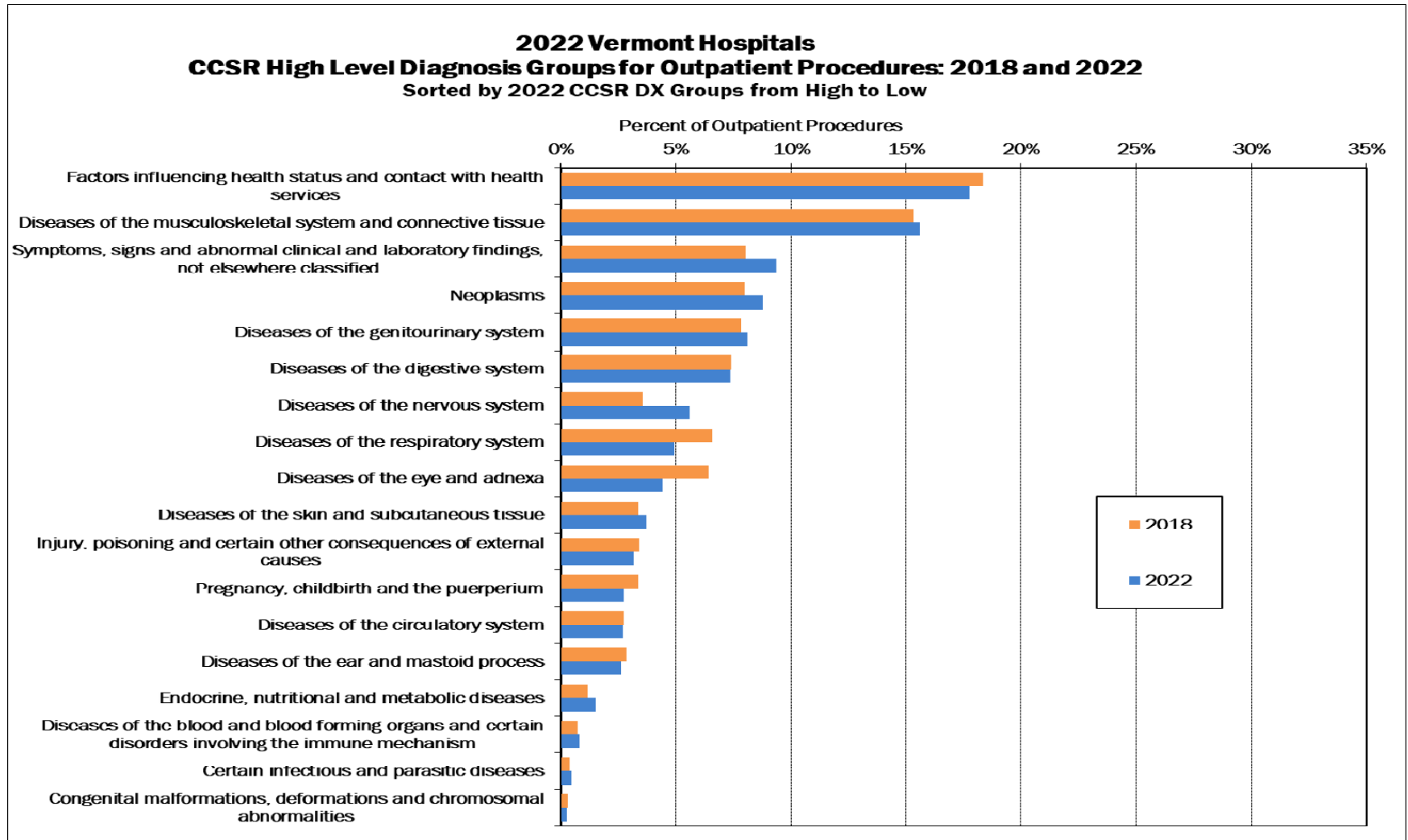
## Highlights of Outpatient Procedures and Services in Vermont Hospitals

- **In 2022, there were 140,554 visits to Vermont hospitals for outpatient procedures** with a high-level procedure code in CCS procedure groups 1 through 15, representing both Vermont residents and non-residents. These outpatient visits did not originate in the Emergency Department. Grace Cottage Hospital had 1 visit for outpatient procedures in this range of CCS procedure groups.
- **The number of outpatient procedures in Vermont hospitals increased** by 4.7% from 2021. This follows an increase of 17.2% from 2020 to 2021 and decrease of 15.9% from 2019 to 2020. There has been a 7.9% increase in outpatient procedures in Vermont hospitals over the past five years (2018-2022).
- **Overall, non-residents accounted for 9.8% of all visits to Vermont hospitals for outpatient procedures** in 2022. As in previous years, there was wide variation in the percent of non-residents at Vermont hospitals, with non-residents comprising 32.5% of Mt. Ascutney Hospital and Health Center's outpatient visits and 28.8% of Southwestern Vermont Medical Center's outpatient visits, compared to 1% or less of outpatient visits to Copley Hospital and North Country Hospital, not including Grace Cottage Family Health & Hospital.
- **Medicare was the primary payer** for 49.4% of all visits to Vermont hospitals for outpatient procedures in 2022. University of Vermont Medical Center reported 58.7 % of outpatient visits with Medicare as the primary payer, while Brattleboro Memorial Hospital and Copley Hospital reported the lowest percent with 30.5%, not including Green Mountain Surgical Center. Consistent with recent years, there was substantial variation by CCSR diagnosis group, with Diseases of the skin and subcutaneous tissue, (84.1%) Certain infectious and parasitic diseases (81.5%), Diseases of the eye and adnexa (76.1%), and Diseases of the ear and mastoid process (72.0%) having the highest percent of visits with Medicare as the primary payer.
- **North Country Hospital reported the highest percent of outpatient procedures with Medicaid as primary payer** (23.2%), while the University of Vermont Medical Center reported the lowest percent with Medicaid as primary payer (8.0%), not including Grace Cottage Family Health & Hospital and the Green Mountain Surgical Center.
- **Brattleboro Memorial Hospital reported the highest percent of outpatient procedures with private insurance as primary payer** (48.4%), not including Grace Cottage Family Health & Hospital and the Green Mountain Surgical Center, while Rutland Regional Medical Center reported the lowest percent with private insurance as primary payer (26.3%).
- **The services most frequently provided in expanded outpatient visits** in 2022 were charged under the primary cost center for Laboratory-Clinical services in all 14 Vermont hospitals, as in previous years. The frequency of these services far exceeded the next most frequent services, which were charged under the primary cost centers for Clinic, Radiology-Diagnostic, Drugs Charged to Patients, Mammography, Chemistry, Bacteriology & Microbiology, Ultrasound, Physical Therapy, and CT Scan.
- **The average charge for observation beds in Vermont hospitals** was the highest average charge in recent years, and 33.5% higher in 2022 than in 2018. The number of these beds continues to fluctuate over time as the average charge has increased. The University of Vermont Medical Center had 33.7% of all observation beds in 2022, followed by Porter Medical Center (8.9%).

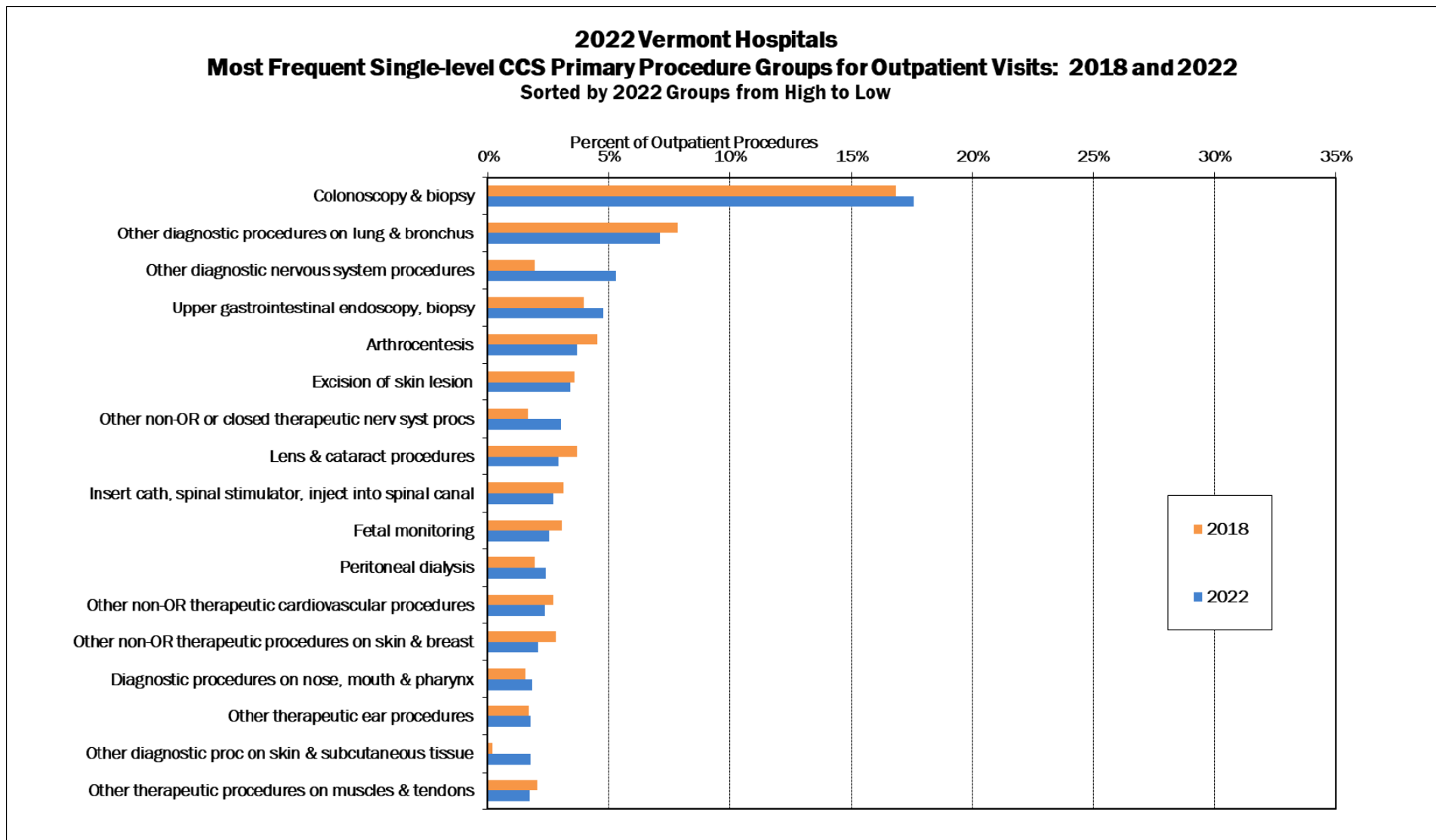
- In 2022, Medicare was the leading principal payer for 49.4% of outpatient procedures in range, followed by Private Insurance at 34.7% and Medicaid at 11.9%. These figures are comparable to those in recent years. As in previous years, there was wide variation among hospitals in payer mix. (Grace Cottage Family Health & Hospital had zero outpatient procedure.)



- **The most frequent reasons for outpatient procedures in range** in 2022 were Factors influencing health status and contact with health services; Diseases of the Musculoskeletal System and Connective Tissue; Symptoms, Signs and Abnormal Clinical and Laboratory Findings; Neoplasms; and Diseases of the Genitourinary System. The most frequent reasons in 2022 are consistent with those in recent years, although their rank order may differ a little. Of note are increases in the percent of outpatients diagnosed with Diseases of the Nervous System, and Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified; and decreases in the percent of outpatients diagnosed with Diseases of the eye and adnexa, compared to 2018.

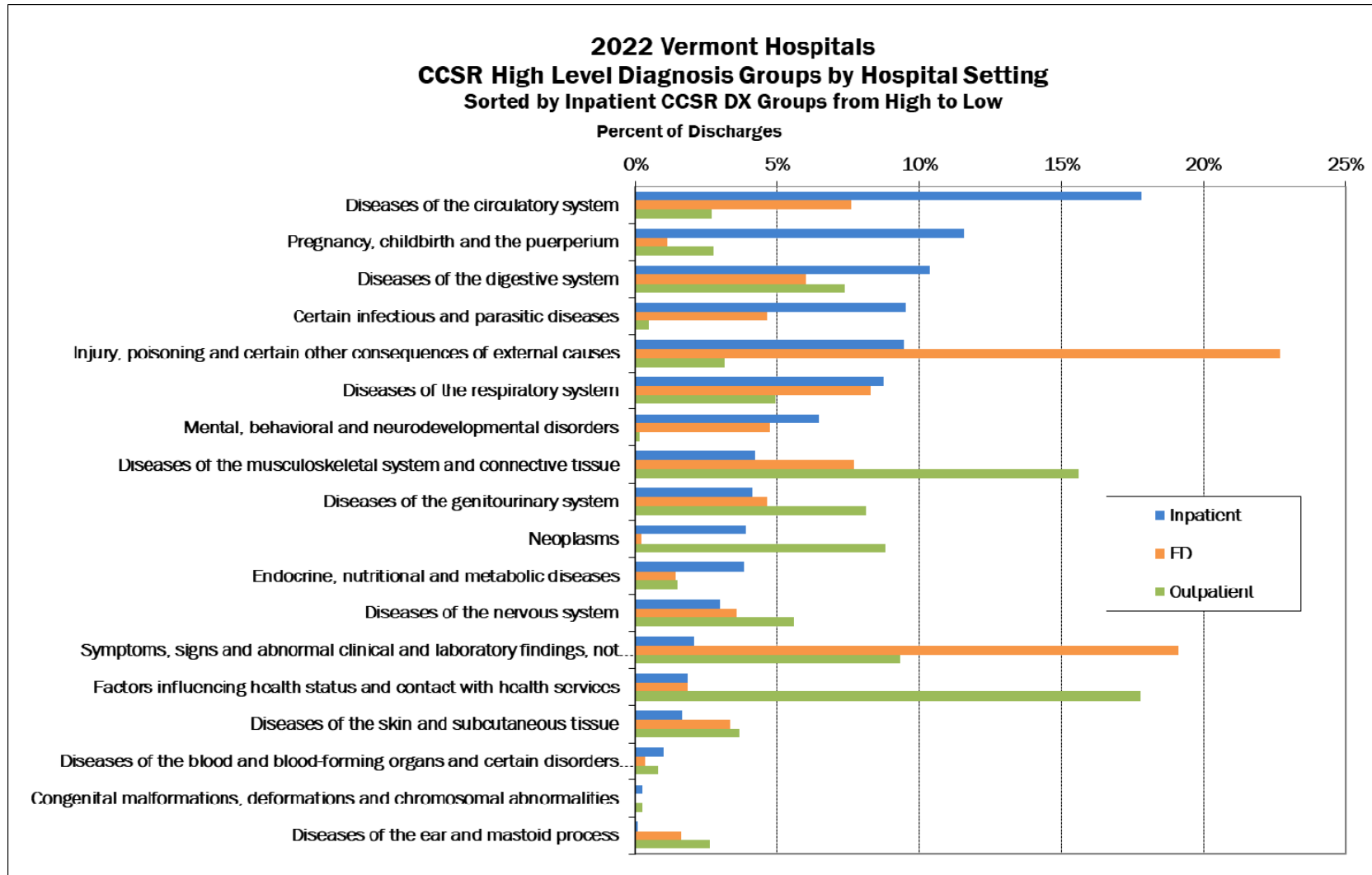


- The leading single-level group of outpatient procedures in high-level CCS procedure groups 1 through 15 in both 2018 and 2022 was Colonoscopy & biopsy. Following this procedure group in 2022 were Other diagnostic procedures on lung & bronchus; Other diagnostic nervous system procedures; and Upper gastrointestinal endoscopy, biopsy. Of note are increases in the percentage of procedures for Other diagnostic nervous system procedures and Other diagnostic proc on skin & subcutaneous tissue.



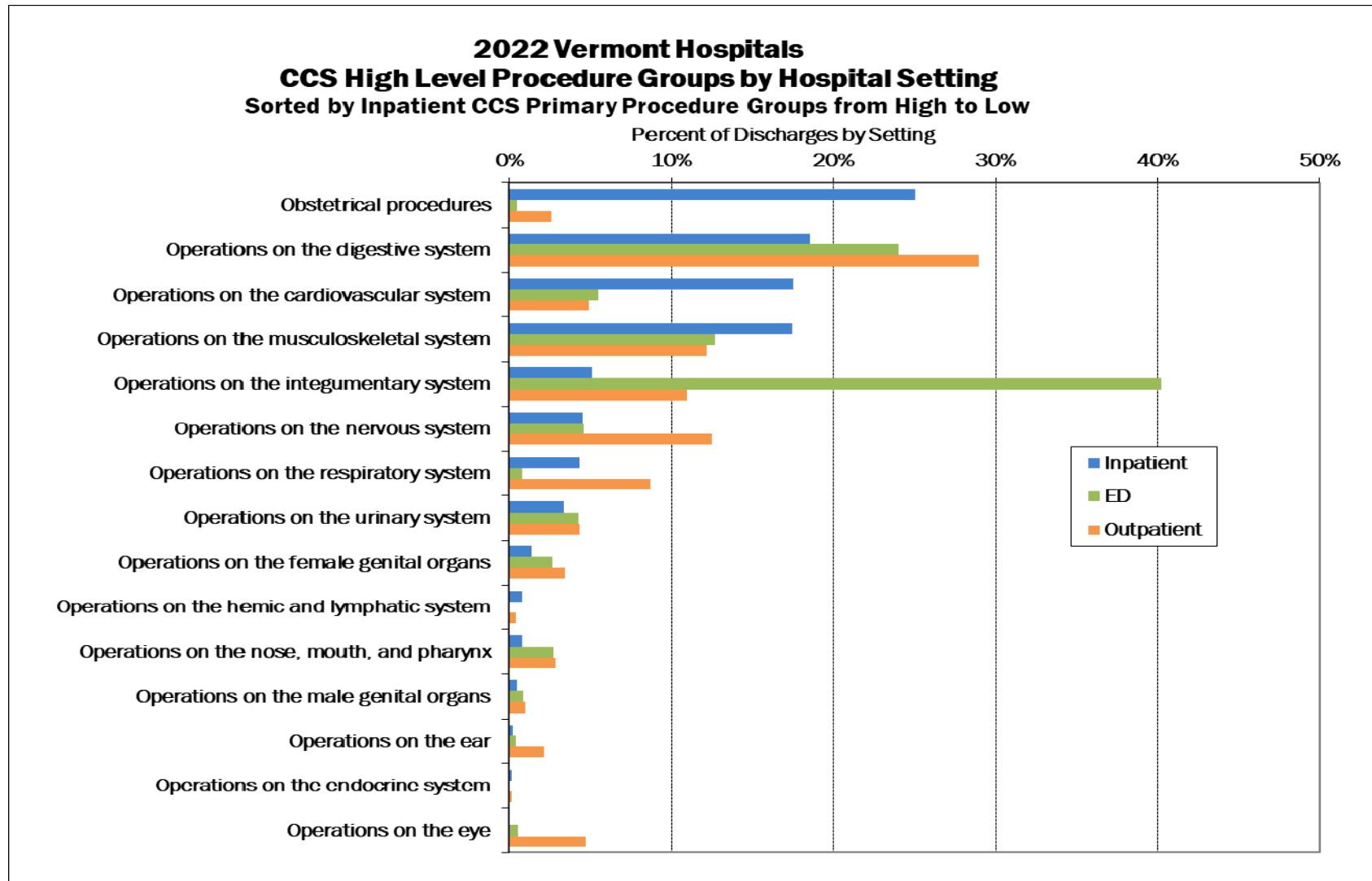
## Highlights of Comparisons across Vermont Hospital Settings

- The most frequent CCSR high level diagnosis groups differed across Vermont hospital settings in 2022. The most frequent diagnosis group (based on primary diagnosis) for inpatients was Diseases of the Circulatory System. The most frequent diagnosis group for ED visits was Injury, Poisoning and Certain other Consequences of External Causes, and for outpatients, Factors influencing health status and contact with health services.





- The most frequent CCS high level procedure groups in range 1 through 15 differed across hospital settings in 2022. The most frequent procedure group for inpatients was Obstetrical procedures, followed by Operations on the digestive system. The most frequent procedure group for ED visits was Operations on the integumentary system, followed by Operations on the digestive system. The most frequent outpatient group was Operations on the digestive system, followed by Operations on the nervous system. The frequencies of these CCS high level procedure groups across settings have been consistent in recent years.



# Inpatient Discharges

**Table I-1**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Vermont Hospitals by Setting**

<b>Vermont Hospital</b>	<b>Inpatient Discharges NOT Originating in ED</b>		<b>Inpatient Discharges Originating in ED</b>		<b>All Inpatient Discharges</b>	
	<b>N</b>	<b>Row %</b>	<b>N</b>	<b>Row %</b>	<b>N</b>	<b>Col %</b>
Brattleboro Memorial Hospital	594	35.5%	1,077	64.5%	1,671	3.7%
Central Vermont Medical Center	506	13.1%	3,359	86.9%	3,865	8.7%
Copley Hospital	473	37.2%	799	62.8%	1,272	2.9%
Gifford Medical Center	288	29.2%	698	70.8%	986	2.2%
Grace Cottage Hospital	28	27.5%	74	72.5%	102	0.2%
Mt. Ascutney Hospital and Health Center	659	77.3%	193	22.7%	852	1.9%
North Country Hospital	551	42.9%	732	57.1%	1,283	2.9%
Northeastern Vermont Regional Hospital	377	26.8%	1,030	73.2%	1,407	3.2%
Northwestern Medical Center	481	21.2%	1,789	78.8%	2,270	5.1%
Porter Medical Center	667	51.1%	639	48.9%	1,306	2.9%
Rutland Regional Medical Center	912	15.6%	4,937	84.4%	5,849	13.1%
Southwestern Vermont Medical Center	567	18.8%	2,454	81.2%	3,021	6.8%
Springfield Hospital	275	29.9%	644	70.1%	919	2.1%
University of Vermont Medical Center	8,348	42.1%	11,467	57.9%	19,815	44.4%
Total	14,726	33.0%	29,892	67.0%	44,618	100.0%

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.

**Table I-2**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2017-2021**

<u>Vermont Hospital</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Brattleboro Memorial Hospital	1,697	1,860	1,451	1,654	1,671	5,826	6,124	4,870	5,742	5,789	3.4	3.3	3.4	3.5	3.5
Central Vermont Medical Center	3,787	3,808	3,374	3,597	3,865	17,775	20,005	17,112	18,170	21,556	4.7	5.3	5.1	5.1	5.6
Copley Hospital	1,772	1,687	1,517	1,502	1,272	4,493	4,196	4,144	4,594	4,530	2.5	2.5	2.7	3.1	3.6
Gifford Medical Center	1,313	1,334	1,148	1,233	986	4,497	4,494	3,500	3,683	3,424	3.4	3.4	3.0	3.0	3.5
Grace Cottage Family Health & Hospital	124	135	113	104	102	365	475	696	559	602	2.9	3.5	6.2	5.4	5.9
Mt. Ascutney Hospital and Health Center	962	1,075	918	1,010	852	8,818	10,143	8,656	9,170	9,506	9.2	9.4	9.4	9.1	11.2
North Country Hospital	1,502	1,298	1,182	1,298	1,283	4,662	3,919	3,502	4,195	5,001	3.1	3.0	3.0	3.2	3.9
Northeastern Vermont Regional Hospital	1,334	1,293	1,022	1,446	1,407	4,707	4,699	3,473	5,216	5,273	3.5	3.6	3.4	3.6	3.7
Northwestern Medical Center	2,260	2,287	1,848	2,145	2,270	7,483	7,860	6,766	8,751	10,816	3.3	3.4	3.7	4.1	4.8
Porter Medical Center	1,159	1,274	949	1,216	1,306	3,698	3,812	2,710	4,053	6,026	3.2	3.0	2.9	3.3	4.6
Rutland Regional Medical Center	6,873	6,442	5,623	5,683	5,849	32,685	31,681	29,876	30,655	31,326	4.8	4.9	5.3	5.4	5.4
Southwestern Vermont Medical Center	3,406	3,421	2,803	3,089	3,021	11,711	11,500	9,842	12,869	12,841	3.4	3.4	3.5	4.2	4.3
Springfield Hospital	1,822	1,318	943	1,037	919	8,028	6,562	4,697	5,158	5,183	4.4	5.0	5.0	5.0	5.6
University of Vermont Medical Center	20,205	21,028	18,661	20,104	19,815	125,254	130,960	122,444	131,602	138,807	6.2	6.2	6.6	6.5	7.0
<b>Total</b>	<b>48,216</b>	<b>48,260</b>	<b>41,552</b>	<b>45,118</b>	<b>44,618</b>	<b>240,002</b>	<b>246,430</b>	<b>222,288</b>	<b>244,417</b>	<b>260,680</b>	<b>5.0</b>	<b>5.1</b>	<b>5.3</b>	<b>5.4</b>	<b>5.8</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>All Vermont Hospitals</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	471	477	441	427	434	1,940	2,194	2,051	1,772	1,941	4.1	4.6	4.7	4.1	4.5
Diseases of the circulatory system	7,934	8,211	7,414	8,045	7,947	35,630	39,706	37,069	38,158	41,193	4.5	4.8	5.0	4.7	5.2
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	4,900	4,965	4,381	4,946	4,629	22,581	23,122	20,996	24,990	23,803	4.6	4.7	4.8	5.1	5.1
Diseases of the ear and mastoid process	53	76	40	50	36	175	208	122	147	111	3.3	2.7	3.1	2.9	3.1
Endocrine, nutritional and metabolic diseases	1,685	1,809	1,465	1,656	1,711	8,299	9,070	7,448	8,363	9,167	4.9	5.0	5.1	5.1	5.4
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	37	37	29	41	35	162	156	109	139	192	4.4	4.2	3.8	3.4	5.5
Factors influencing health status and contact with health services	1,083	907	832	840	825	9,335	7,939	6,879	7,040	7,207	8.6	8.8	8.3	8.4	8.7
Diseases of the genitourinary system	1,970	2,021	1,837	2,068	1,847	8,094	9,663	9,051	9,467	9,593	4.1	4.8	4.9	4.6	5.2
Certain infectious and parasitic diseases	2,845	2,975	2,630	4,151	4,251	18,754	19,346	18,126	29,441	31,470	6.6	6.5	6.9	7.1	7.4
Injury, poisoning and certain other consequences of external causes	4,375	4,379	3,785	4,085	4,219	25,737	26,122	23,914	26,178	30,394	5.9	6.0	6.3	6.4	7.2
Congenital malformations, deformations and chromosomal abnormalities	125	133	119	101	107	581	608	607	510	509	4.6	4.6	5.1	5.0	4.8
Mental, behavioral and neurodevelopmental disorders	2,882	2,693	2,384	2,667	2,885	30,402	27,687	23,233	26,136	27,604	10.5	10.3	9.7	9.8	9.6
Diseases of the musculoskeletal system and connective tissue	4,310	4,244	3,162	2,535	1,883	12,663	12,666	9,825	10,097	9,972	2.9	3.0	3.1	4.0	5.3
Neoplasms	1,866	1,721	1,551	1,696	1,749	11,513	11,078	11,511	11,564	12,785	6.2	6.4	7.4	6.8	7.3
Diseases of the nervous system	1,406	1,415	1,250	1,393	1,322	10,049	11,381	13,423	12,432	13,004	7.1	8.0	10.7	8.9	9.8
Certain conditions originating in the perinatal period	7	4	3	38	5	55	14	47	70	195	7.9	3.5	15.7	1.8	39.0
Pregnancy, childbirth and the puerperium	5,416	5,300	5,019	5,258	5,170	14,508	14,519	12,924	13,767	13,550	2.7	2.7	2.6	2.6	2.6
Diseases of the respiratory system	4,801	4,768	3,399	3,145	3,894	20,906	21,752	16,926	14,820	18,803	4.4	4.6	5.0	4.7	4.8
Diseases of the skin and subcutaneous tissue	839	888	734	831	743	3,959	3,885	3,218	3,971	3,641	4.7	4.4	4.4	4.8	4.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1,211	1,237	1,077	1,145	926	4,659	5,314	4,809	5,355	5,546	3.8	4.3	4.5	4.7	6.0
<b>Total</b>	<b>48,216</b>	<b>48,260</b>	<b>41,552</b>	<b>45,118</b>	<b>44,618</b>	<b>240,002</b>	<b>246,430</b>	<b>222,288</b>	<b>244,417</b>	<b>260,680</b>	<b>5.0</b>	<b>5.1</b>	<b>5.3</b>	<b>5.4</b>	<b>5.8</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Brattleboro Memorial Hospital</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	24	24	13	11	16	68	70	43	28	38	2.8	2.9	3.3	2.5	2.4
Diseases of the circulatory system	230	223	196	197	199	765	754	689	685	581	3.3	3.4	3.5	3.5	2.9
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	186	199	150	226	198	672	696	522	890	777	3.6	3.5	3.5	3.9	3.9
Diseases of the ear and mastoid process	-	*	-	-	*	-	5	-	-	3	-	2.5	-	-	3.0
Endocrine, nutritional and metabolic diseases	67	75	62	42	63	186	251	236	186	229	2.8	3.3	3.8	4.4	3.6
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	*	*	-	*	*	4	2	-	1	10	4.0	2.0	-	1.0	3.3
Factors influencing health status and contact with health services	11	9	*	8	6	43	33	9	32	38	3.9	3.7	3.0	4.0	6.3
Diseases of the genitourinary system	74	105	80	93	91	277	386	322	345	311	3.7	3.7	4.0	3.7	3.4
Certain infectious and parasitic diseases	118	121	80	131	139	556	510	427	647	727	4.7	4.2	5.3	4.9	5.2
Injury, poisoning and certain other consequences of external causes	126	142	99	113	133	432	536	366	434	521	3.4	3.8	3.7	3.8	3.9
Congenital malformations, deformations and chromosomal abnormalities	*	-	-	*	-	3	-	-	4	-	3.0	-	-	4.0	-
Mental, behavioral and neurodevelopmental disorders	27	38	39	41	35	132	130	135	191	149	4.9	3.4	3.5	4.7	4.3
Diseases of the musculoskeletal system and connective tissue	178	212	184	227	223	483	547	352	396	419	2.7	2.6	1.9	1.7	1.9
Neoplasms	55	28	30	39	44	249	134	126	112	175	4.5	4.8	4.2	2.9	4.0
Diseases of the nervous system	34	44	25	27	20	109	118	87	243	377	3.2	2.7	3.5	9.0	18.9
Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy, childbirth and the puerperium	258	324	262	293	287	702	887	668	763	681	2.7	2.7	2.5	2.6	2.4
Diseases of the respiratory system	221	212	130	132	142	845	716	530	480	467	3.8	3.4	4.1	3.6	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	15	24	25	12	12	49	67	101	46	27	3.3	2.8	4.0	3.8	2.3
Total	1,697	1,860	1,451	1,654	1,671	5,826	6,124	4,870	5,742	5,789	3.4	3.3	3.4	3.5	3.5

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Central Vermont Medical Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	45	*	59	*	37	156	255	272	118	124	3.5	7.3	4.6	3.2	3.4
Diseases of the circulatory system	611	607	532	615	615	2,178	2,353	1,977	2,356	2,623	3.6	3.9	3.7	3.8	4.3
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	396	383	352	405	389	1,690	1,657	1,753	1,822	1,878	4.3	4.3	5.0	4.5	4.8
Diseases of the ear and mastoid process	*	10	*	*	*	11	20	11	13	10	2.8	2.0	2.2	3.3	2.0
Endocrine, nutritional and metabolic diseases	133	141	133	129	143	493	555	581	617	559	3.7	3.9	4.4	4.8	3.9
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	-	*	*	-	*	-	13	2	-	2	-	13.0	2.0	-	2.0
Factors influencing health status and contact with health services	11	14	19	31	8	27	80	77	117	24	2.5	5.7	4.1	3.8	3.0
Diseases of the genitourinary system	159	137	123	135	136	577	526	621	573	708	3.6	3.8	5.0	4.2	5.2
Certain infectious and parasitic diseases	576	643	501	569	702	3,066	3,634	2,936	3,616	4,466	5.3	5.7	5.9	6.4	6.4
Injury, poisoning and certain other consequences of external causes	217	222	197	262	275	980	931	926	1,273	1,589	4.5	4.2	4.7	4.9	5.8
Congenital malformations, deformations and chromosomal abnormalities	*	*	-	-	*	4	2	-	-	2	4.0	2.0	-	-	2.0
Mental, behavioral and neurodevelopmental disorders	490	434	371	402	496	4,393	4,896	3,611	3,370	4,528	9.0	11.3	9.7	8.4	9.1
Diseases of the musculoskeletal system and connective tissue	233	279	232	195	171	739	905	856	734	880	3.2	3.2	3.7	3.8	5.1
Neoplasms	84	64	62	47	93	513	410	307	297	532	6.1	6.4	5.0	6.3	5.7
Diseases of the nervous system	67	76	89	94	105	446	649	645	696	1,101	6.7	8.5	7.2	7.4	10.5
Certain conditions originating in the perinatal period	*	-	-	-	-	2	-	-	-	-	2.0	-	-	-	-
Pregnancy, childbirth and the puerperium	319	276	276	269	256	841	720	683	686	674	2.6	2.6	2.5	2.6	2.6
Diseases of the skin and subcutaneous tissue	62	79	80	65	83	256	349	391	316	356	4.1	4.4	4.9	4.9	4.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	47	58	82	119	89	157	222	279	460	337	3.3	3.8	3.4	3.9	3.8
<b>Total</b>	<b>3,787</b>	<b>3,808</b>	<b>3,374</b>	<b>3,597</b>	<b>3,865</b>	<b>17,775</b>	<b>20,005</b>	<b>17,112</b>	<b>18,170</b>	<b>21,556</b>	<b>4.7</b>	<b>5.3</b>	<b>5.1</b>	<b>5.1</b>	<b>5.6</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Copley Hospital</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	6	*	*	17	*	9	8	2	45	39	1.5	2.0	2.0	2.6	3.0
Diseases of the circulatory system	178	149	138	162	131	491	467	448	577	553	2.8	3.1	3.2	3.6	4.2
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	195	143	154	139	157	648	526	554	488	671	3.3	3.7	3.6	3.5	4.3
Diseases of the ear and mastoid process	*	-	-	*	-	2	-	-	3	-	2.0	-	-	3.0	-
Endocrine, nutritional and metabolic diseases	36	42	31	48	46	134	166	128	210	190	3.7	4.0	4.1	4.4	4.1
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors influencing health status and contact with health services	*	*	*	*	*	3	15	12	5	48	1.0	3.0	3.0	2.5	24.0
Diseases of the genitourinary system	77	71	76	86	93	197	207	294	354	342	2.6	2.9	3.9	4.1	3.7
Certain infectious and parasitic diseases	16	24	26	64	67	51	84	102	347	226	3.2	3.5	3.9	5.4	3.4
Injury, poisoning and certain other consequences of external causes	178	150	157	153	116	594	533	547	644	481	3.3	3.6	3.5	4.2	4.1
Congenital malformations, deformations and chromosomal abnormalities	-	*	-	*	-	-	15	-	1	-	-	15.0	-	1.0	-
Mental, behavioral and neurodevelopmental disorders	18	12	21	14	31	50	43	45	48	90	2.8	3.6	2.1	3.4	2.9
Diseases of the musculoskeletal system and connective tissue	547	618	526	424	131	796	792	766	577	316	1.5	1.3	1.5	1.4	2.4
Neoplasms	37	37	24	14	20	151	197	168	49	70	4.1	5.3	7.0	3.5	3.5
Diseases of the nervous system	33	26	26	24	21	106	108	133	143	83	3.2	4.2	5.1	6.0	4.0
Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the respiratory system	182	155	127	126	156	649	518	487	490	616	3.6	3.3	3.8	3.9	3.9
Diseases of the skin and subcutaneous tissue	39	26	27	33	47	142	94	112	135	204	3.6	3.6	4.1	4.1	4.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	47	39	30	38	45	128	87	106	127	188	2.7	2.2	3.5	3.3	4.2
Total	1,772	1,687	1,517	1,502	1,272	4,493	4,196	4,144	4,594	4,530	2.5	2.5	2.7	3.1	3.6

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.



**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Gifford Medical Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	18	18	19	17	16	53	42	57	50	33	2.9	2.3	3.0	2.9	2.1
Diseases of the circulatory system	231	210	171	222	145	778	614	491	611	441	3.4	2.9	2.9	2.8	3.0
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	132	157	134	128	113	451	454	385	357	404	3.4	2.9	2.9	2.8	3.6
Diseases of the ear and mastoid process	*	9	*	*	*	7	15	4	10	3	2.3	1.7	4.0	1.7	1.5
Endocrine, nutritional and metabolic diseases	57	61	43	45	39	184	251	131	96	134	3.2	4.1	3.0	2.1	3.4
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	*	-	*	-	-	1	-	1	-	-	1.0	-	1.0	-	-
Factors influencing health status and contact with health services	12	8	*	8	*	79	52	2	36	55	6.6	6.5	1.0	4.5	9.2
Diseases of the genitourinary system	83	74	81	76	57	286	268	244	201	157	3.4	3.6	3.0	2.6	2.8
Certain infectious and parasitic diseases	16	32	23	84	79	58	121	86	295	305	3.6	3.8	3.7	3.5	3.9
Injury, poisoning and certain other consequences of external causes	100	116	55	63	47	401	581	249	227	267	4.0	5.0	4.5	3.6	5.7
Congenital malformations, deformations and chromosomal abnormalities	-	-	-	*	-	-	-	-	9	-	-	-	-	4.5	-
Mental, behavioral and neurodevelopmental disorders	32	16	25	24	27	111	90	80	73	78	3.5	5.6	3.2	3.0	2.9
Diseases of the musculoskeletal system and connective tissue	95	93	104	75	31	228	217	242	234	158	2.4	2.3	2.3	3.1	5.1
Neoplasms	25	15	21	12	14	129	59	63	32	42	5.2	3.9	3.0	2.7	3.0
Diseases of the nervous system	63	45	37	41	36	335	204	222	227	199	5.3	4.5	6.0	5.5	5.5
Pregnancy, childbirth and the puerperium	202	215	204	241	196	514	549	501	561	472	2.5	2.6	2.5	2.3	2.4
Diseases of the respiratory system	164	151	109	62	100	589	541	373	225	305	3.6	3.6	3.4	3.6	3.1
Diseases of the skin and subcutaneous tissue	26	31	39	46	20	110	113	130	245	67	4.2	3.6	3.3	5.3	3.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	53	83	79	81	58	183	323	239	194	304	3.5	3.9	3.0	2.4	5.2
<b>Total</b>	<b>1,313</b>	<b>1,334</b>	<b>1,148</b>	<b>1,233</b>	<b>986</b>	<b>4,497</b>	<b>4,494</b>	<b>3,500</b>	<b>3,683</b>	<b>3,424</b>	<b>3.4</b>	<b>3.4</b>	<b>3.0</b>	<b>3.0</b>	<b>3.5</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Grace Cottage Family Health &amp; Hospital</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	*	*	*	*	*	5	3	7	4	16	2.5	3.0	2.3	2.0	5.3
Diseases of the circulatory system	20	15	15	16	11	65	47	49	40	69	3.3	3.1	3.3	2.5	6.3
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	13	10	14	10	8	37	25	42	30	15	2.8	2.5	3.0	3.0	1.9
Diseases of the ear and mastoid process	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endocrine, nutritional and metabolic diseases	6	11	6	7	*	12	40	17	17	8	2.0	3.6	2.8	2.4	4.0
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-
Factors influencing health status and contact with health services	*	*	6	*	*	4	84	177	54	58	4.0	21.0	29.5	18.0	19.3
Diseases of the genitourinary system	*	13	7	6	15	9	43	19	18	50	2.3	3.3	2.7	3.0	3.3
Certain infectious and parasitic diseases	*	6	*	11	10	11	11	9	38	39	2.2	1.8	3.0	3.5	3.9
Injury, poisoning and certain other consequences of external causes	8	8	10	10	*	27	25	148	116	51	3.4	3.1	14.8	11.6	25.5
Congenital malformations, deformations and chromosomal abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mental, behavioral and neurodevelopmental disorders	*	-	*	-	*	16	-	2	-	13	4.0	-	2.0	-	4.3
Diseases of the musculoskeletal system and connective tissue	*	*	*	*	6	14	11	9	49	85	2.8	2.8	2.3	24.5	14.2
Neoplasms	*	*	*	*	*	8	5	11	4	3	4.0	1.3	5.5	1.3	3.0
Diseases of the nervous system	*	*	-	*	-	3	3	-	12	-	3.0	3.0	-	4.0	-
Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the respiratory system	32	36	26	18	29	102	119	81	53	110	3.2	3.3	3.1	2.9	3.8
Diseases of the skin and subcutaneous tissue	*	*	*	*	*	13	13	7	22	10	3.3	3.3	3.5	4.4	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	17	18	14	8	6	39	46	118	102	75	2.3	2.6	8.4	12.8	12.5
<b>Total</b>	<b>124</b>	<b>135</b>	<b>113</b>	<b>104</b>	<b>102</b>	<b>365</b>	<b>475</b>	<b>696</b>	<b>559</b>	<b>602</b>	<b>2.9</b>	<b>3.5</b>	<b>6.2</b>	<b>5.4</b>	<b>5.9</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Mt. Ascutney Hospital and Health Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	*	7	10	7	*	14	25	35	55	23	4.7	3.6	3.5	7.9	3.8
Diseases of the circulatory system	89	186	183	174	148	666	1,867	1,957	1,781	2,030	7.5	10.0	10.7	10.2	13.7
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	58	94	86	76	48	250	355	384	465	235	4.3	3.8	4.5	6.1	4.9
Diseases of the ear and mastoid process	-	*	*	*	-	-	3	6	1	-	-	3.0	3.0	1.0	-
Endocrine, nutritional and metabolic diseases	19	21	13	17	24	83	89	54	65	134	4.4	4.2	4.2	3.8	5.6
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	-	*	*	-	-	-	3	8	-	-	-	3.0	4.0	-	-
Factors influencing health status and contact with health services	439	270	235	259	249	5,183	3,518	2,919	3,363	3,220	11.8	13.0	12.4	13.0	12.9
Diseases of the genitourinary system	31	56	38	33	32	111	276	219	144	221	3.6	4.9	5.8	4.4	6.9
Certain infectious and parasitic diseases	12	19	22	86	40	48	69	130	475	245	4.0	3.6	5.9	5.5	6.1
Injury, poisoning and certain other consequences of external causes	133	188	122	139	146	1,651	2,288	1,301	1,452	1,977	12.4	12.2	10.7	10.4	13.5
Congenital malformations, deformations and chromosomal abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mental, behavioral and neurodevelopmental disorders	-	*	*	*	*	-	14	9	32	22	-	2.8	3.0	5.3	5.5
Diseases of the musculoskeletal system and connective tissue	26	28	27	26	20	170	232	267	215	196	6.5	8.3	9.9	8.3	9.8
Neoplasms	15	18	15	13	12	135	157	161	82	71	9.0	8.7	10.7	6.3	5.9
Diseases of the nervous system	11	23	13	17	12	37	404	413	208	101	3.4	17.6	31.8	12.2	8.4
Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the respiratory system	88	94	89	92	52	316	450	539	520	385	3.6	4.8	6.1	5.7	7.4
Diseases of the skin and subcutaneous tissue	19	21	22	20	19	80	83	119	107	112	4.2	4.0	5.4	5.4	5.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	19	43	36	44	40	74	310	135	205	534	3.9	7.2	3.8	4.7	13.4
Total	962	1,075	918	1,010	852	8,818	10,143	8,656	9,170	9,506	9.2	9.4	9.4	9.1	11.2

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>North Country Hospital</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	19	14	7	8	12	50	44	14	24	23	2.6	3.1	2.0	3.0	1.9
Diseases of the circulatory system	198	195	198	261	213	518	483	529	736	697	2.6	2.5	2.7	2.8	3.3
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	180	203	156	191	166	679	687	490	653	689	3.8	3.4	3.1	3.4	4.2
Diseases of the ear and mastoid process	1	-	-	-	-	3	-	-	-	-	3.0	-	-	-	-
Endocrine, nutritional and metabolic diseases	74	56	48	49	54	223	167	113	158	198	3.0	3.0	2.4	3.2	3.7
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	-	*	-	*	-	-	2	-	2	-	-	2.0	-	2.0	-
Factors influencing health status and contact with health services	*	*	*	*	11	16	13	17	9	61	3.2	3.3	2.4	1.8	5.5
Diseases of the genitourinary system	96	94	91	90	77	336	295	288	297	271	3.5	3.1	3.2	3.3	3.5
Certain infectious and parasitic diseases	21	15	22	59	95	54	51	88	256	389	2.6	3.4	4.0	4.3	4.1
Injury, poisoning and certain other consequences of external causes	96	66	73	75	108	366	259	319	288	586	3.8	3.9	4.4	3.8	5.4
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	-	7	2	4	5	-	2.3	2.0	2.0	5.0	-
Mental, behavioral and neurodevelopmental disorders	18	9	11	19	22	39	16	36	70	102	2.2	1.8	3.3	3.7	4.6
Diseases of the musculoskeletal system and connective tissue	76	71	53	72	51	239	197	164	190	150	3.1	2.8	3.1	2.6	2.9
Neoplasms	39	37	31	39	17	163	130	115	129	99	4.2	3.5	3.7	3.3	5.8
Diseases of the nervous system	29	12	17	20	28	64	44	37	52	177	2.2	3.7	2.2	2.6	6.3
Certain conditions originating in the perinatal period	*	*	-	-	-	5	4	-	-	-	2.5	4.0	-	-	-
Pregnancy, childbirth and the puerperium	219	211	190	151	163	498	473	406	328	333	2.3	2.2	2.1	2.2	2.0
Diseases of the respiratory system	290	209	171	152	169	960	751	527	651	658	3.3	3.6	3.1	4.3	3.9
Diseases of the skin and subcutaneous tissue	27	31	34	41	27	121	102	128	155	128	4.5	3.3	3.8	3.8	4.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	109	68	71	64	70	321	199	227	192	440	2.9	2.9	3.2	3.0	6.3
<b>Total</b>	<b>1,502</b>	<b>1,298</b>	<b>1,182</b>	<b>1,298</b>	<b>1,283</b>	<b>4,662</b>	<b>3,919</b>	<b>3,502</b>	<b>4,195</b>	<b>5,001</b>	<b>3.1</b>	<b>3.0</b>	<b>3.0</b>	<b>3.2</b>	<b>3.9</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Northeastern Vermont Regional Hospital</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	14	*	*	10	12	45	31	13	24	30	3.2	3.1	3.3	2.4	2.5
Diseases of the circulatory system	161	111	121	192	202	526	460	419	642	767	3.3	4.1	3.5	3.3	3.8
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	170	162	145	208	197	684	645	547	741	688	4.0	4.0	3.8	3.6	3.5
Diseases of the ear and mastoid process	-	*	-	*	-	-	12	-	3	-	-	6.0	-	3.0	-
Endocrine, nutritional and metabolic diseases	36	28	30	49	59	85	108	92	172	223	2.4	3.9	3.1	3.5	3.8
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	*	-	*	*	-	6	-	1	3	-	6.0	-	1.0	3.0	-
Factors influencing health status and contact with health services	*	*	*	*	-	14	7	7	3	-	2.8	3.5	3.5	3.0	-
Diseases of the genitourinary system	54	76	66	103	59	179	255	234	397	227	3.3	3.4	3.5	3.9	3.8
Certain infectious and parasitic diseases	44	48	65	137	150	290	256	325	760	818	6.6	5.3	5.0	5.5	5.5
Injury, poisoning and certain other consequences of external causes	103	110	88	108	129	552	448	328	374	506	5.4	4.1	3.7	3.5	3.9
Congenital malformations, deformations and chromosomal abnormalities	*	-	-	-	-	1	-	-	-	-	1.0	-	-	-	-
Mental, behavioral and neurodevelopmental disorders	56	33	59	87	78	190	134	224	361	257	3.4	4.1	3.8	4.1	3.3
Diseases of the musculoskeletal system and connective tissue	144	153	55	46	45	357	322	116	152	202	2.5	2.1	2.1	3.3	4.5
Neoplasms	23	29	23	53	40	86	86	55	235	162	3.7	3.0	2.4	4.4	4.1
Diseases of the nervous system	31	32	19	37	34	113	116	92	156	173	3.6	3.6	4.8	4.2	5.1
Certain conditions originating in the perinatal period	-	-	-	37	-	-	-	-	65	-	-	-	-	1.8	-
Pregnancy, childbirth and the puerperium	199	206	181	187	206	479	491	396	400	454	2.4	2.4	2.2	2.1	2.2
Diseases of the respiratory system	177	197	101	120	139	713	930	367	466	529	4.0	4.7	3.6	3.9	3.8
Diseases of the skin and subcutaneous tissue	30	26	18	37	30	135	117	64	138	124	4.5	4.5	3.6	3.7	4.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	85	68	44	32	27	252	281	193	124	113	3.0	4.1	4.4	3.9	4.2
Total	1,334	1,293	1,022	1,446	1,407	4,707	4,699	3,473	5,216	5,273	3.5	3.6	3.4	3.6	3.7

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Northwestern Medical Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	16	*	28	30	26	41	38	79	113	104	2.6	2.1	2.8	3.8	4.0
Diseases of the circulatory system	319	345	276	365	410	1,040	1,046	1,048	1,322	1,552	3.3	3.0	3.8	3.6	3.8
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	305	317	304	268	271	1,005	1,060	1,061	1,267	1,353	3.3	3.3	3.5	4.7	5.0
Diseases of the ear and mastoid process	*	-	*	*	-	8	-	4	4	-	4.0	-	2.0	2.0	-
Endocrine, nutritional and metabolic diseases	64	81	71	74	84	197	358	254	333	353	3.1	4.4	3.6	4.5	4.2
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	*	-	-	*	*	13	-	-	3	6	4.3	-	-	3.0	6.0
Factors influencing health status and contact with health services	*	*	*	*	*	15	10	1	8	23	5.0	3.3	1.0	4.0	5.8
Diseases of the genitourinary system	141	137	86	134	128	462	474	341	497	660	3.3	3.5	4.0	3.7	5.2
Certain infectious and parasitic diseases	41	38	59	162	201	197	158	269	1,119	1,318	4.8	4.2	4.6	6.9	6.6
Injury, poisoning and certain other consequences of external causes	139	170	97	155	124	483	760	487	643	888	3.5	4.5	5.0	4.1	7.2
Congenital malformations, deformations and chromosomal abnormalities	*	-	*	*	-	8	-	2	7	-	4.0	-	2.0	7.0	-
Mental, behavioral and neurodevelopmental disorders	39	34	27	24	41	205	232	135	95	344	5.3	6.8	5.0	4.0	8.4
Diseases of the musculoskeletal system and connective tissue	284	208	154	98	94	751	519	443	372	362	2.6	2.5	2.9	3.8	3.9
Neoplasms	33	48	39	40	45	148	207	156	192	257	4.5	4.3	4.0	4.8	5.7
Diseases of the nervous system	39	35	28	43	55	473	207	439	260	829	12.1	5.9	15.7	6.0	15.1
Certain conditions originating in the perinatal period	*	-	*	-	-	3	-	3	-	-	3.0	-	3.0	-	-
Pregnancy, childbirth and the puerperium	357	348	343	383	330	750	755	694	786	635	2.1	2.2	2.0	2.1	1.9
Diseases of the respiratory system	353	353	251	246	342	1,244	1,365	898	1,083	1,606	3.5	3.9	3.6	4.4	4.7
Diseases of the skin and subcutaneous tissue	75	69	36	42	48	269	272	226	194	193	3.6	3.9	6.3	4.6	4.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	44	83	44	75	66	171	399	226	453	333	3.9	4.8	5.1	6.0	5.0
Total	2,260	2,287	1,848	2,145	2,270	7,483	7,860	6,766	8,751	10,816	3.3	3.4	3.7	4.1	4.8

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Porter Medical Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	9	15	*	8	*	40	41	20	21	24	4.4	2.7	3.3	2.6	2.7
Diseases of the circulatory system	86	129	95	166	173	307	389	313	618	764	3.6	3.0	3.3	3.7	4.4
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	128	140	84	121	121	431	456	285	402	588	3.4	3.3	3.4	3.3	4.9
Diseases of the ear and mastoid process	*	-	-	*	-	2	-	-	1	-	2.0	-	-	1.0	-
Endocrine, nutritional and metabolic diseases	20	19	17	35	23	74	48	39	102	103	3.7	2.5	2.3	2.9	4.5
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors influencing health status and contact with health services	*	*	*	-	*	7	1	5	-	5	3.5	1.0	5.0	-	1.7
Diseases of the genitourinary system	40	34	21	38	44	161	145	75	137	170	4.0	4.3	3.6	3.6	3.9
Certain infectious and parasitic diseases	100	112	97	158	201	442	492	403	679	1,064	4.4	4.4	4.2	4.3	5.3
Injury, poisoning and certain other consequences of external causes	51	62	36	85	52	185	177	131	400	245	3.6	2.9	3.6	4.7	4.7
Congenital malformations, deformations and chromosomal abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mental, behavioral and neurodevelopmental disorders	13	23	32	14	20	56	94	99	29	100	4.3	4.1	3.1	2.1	5.0
Diseases of the musculoskeletal system and connective tissue	158	152	119	68	28	328	299	218	174	135	2.1	2.0	1.8	2.6	4.8
Neoplasms	11	*	*	16	16	70	31	52	49	107	6.4	2.8	5.2	3.1	6.7
Diseases of the nervous system	20	26	18	23	36	72	180	67	148	430	3.6	6.9	3.7	6.4	11.9
Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy, childbirth and the puerperium	338	321	287	317	333	764	691	585	676	709	2.3	2.2	2.0	2.1	2.1
Diseases of the respiratory system	118	135	67	81	151	529	471	235	288	705	4.5	3.5	3.5	3.6	4.7
Diseases of the skin and subcutaneous tissue	27	39	19	35	22	100	130	52	132	95	3.7	3.3	2.7	3.8	4.3
Unacceptable principal diagnosis (inpatient data) or first-listed diagnosis (outpatient data)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1,159	1,274	949	1,216	1,306	3,698	3,812	2,710	4,053	6,026	3.2	3.0	2.9	3.3	4.6

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Rutland Regional Medical Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	56	87	65	51	48	179	283	243	192	183	3.2	3.3	3.7	3.8	3.8
Diseases of the circulatory system	861	843	742	756	827	2,862	2,966	3,234	2,635	2,713	3.3	3.5	4.4	3.5	3.3
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	741	699	553	580	585	2,866	3,213	2,381	2,573	2,712	3.9	4.6	4.3	4.4	4.6
Diseases of the ear and mastoid process	12	8	9	13	6	42	23	29	45	18	3.5	2.9	3.2	3.5	3.0
Endocrine, nutritional and metabolic diseases	227	235	204	207	226	1,098	1,103	937	916	1,035	4.8	4.7	4.6	4.4	4.6
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	*	6	-	*	*	25	21	-	2	53	6.3	3.5	-	1.0	26.5
Factors influencing health status and contact with health services	31	47	64	39	46	84	164	164	141	171	2.7	3.5	2.6	3.6	3.7
Diseases of the genitourinary system	353	358	329	301	305	1,238	1,494	1,720	1,240	1,298	3.5	4.2	5.2	4.1	4.3
Certain infectious and parasitic diseases	507	475	442	786	776	3,361	3,285	3,033	5,601	5,623	6.6	6.9	6.9	7.1	7.2
Injury, poisoning and certain other consequences of external causes	497	470	443	425	470	2,180	2,195	2,297	2,635	2,484	4.4	4.7	5.2	6.2	5.3
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	*	2	1	3	2	5	2.0	1.0	1.5	2.0	2.5
Mental, behavioral and neurodevelopmental disorders	982	842	855	905	903	9,275	7,897	8,079	7,503	7,461	9.4	9.4	9.4	8.3	8.3
Diseases of the musculoskeletal system and connective tissue	863	705	485	317	212	1,842	1,682	1,132	1,399	1,079	2.1	2.4	2.3	4.4	5.1
Neoplasms	261	223	170	188	175	1,408	1,287	1,051	976	1,122	5.4	5.8	6.2	5.2	6.4
Diseases of the nervous system	140	120	141	155	130	1,233	972	1,320	1,159	1,360	8.8	8.1	9.4	7.5	10.5
Certain conditions originating in the perinatal period	-	*	*	*	*	-	6	3	5	3	-	3.0	3.0	5.0	3.0
Pregnancy, childbirth and the puerperium	361	350	401	354	383	890	883	984	864	920	2.5	2.5	2.5	2.4	2.4
Diseases of the respiratory system	706	722	504	422	557	3,137	3,231	2,390	2,054	2,387	4.4	4.5	4.7	4.9	4.3
Diseases of the skin and subcutaneous tissue	142	125	100	106	103	577	581	393	468	411	4.1	4.6	3.9	4.4	4.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	128	124	113	74	92	386	394	483	245	288	3.0	3.2	4.3	3.3	3.1
Total	6,873	6,442	5,623	5,683	5,849	32,685	31,681	29,876	30,655	31,326	4.8	4.9	5.3	5.4	5.4

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.



**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Southwestern Vermont Medical Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	32	20	19	36	39	80	56	41	100	121	2.5	2.8	2.2	2.8	3.1
Diseases of the circulatory system	480	477	426	379	429	1,538	1,673	1,446	1,424	1,549	3.2	3.5	3.4	3.8	3.6
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	414	385	308	340	337	1,541	1,332	1,159	1,340	1,294	3.7	3.5	3.8	3.9	3.8
Diseases of the ear and mastoid process	*	11	*	*	*	8	21	3	10	4	2.0	1.9	3.0	3.3	2.0
Endocrine, nutritional and metabolic diseases	120	139	101	133	128	421	456	382	620	637	3.5	3.3	3.8	4.7	5.0
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	*	*	*	*	*	13	4	6	18	20	4.3	4.0	3.0	9.0	5.0
Factors influencing health status and contact with health services	17	8	*	*	8	88	31	15	19	16	5.2	3.9	2.1	3.8	2.0
Diseases of the genitourinary system	149	142	111	144	124	475	412	418	567	515	3.2	2.9	3.8	3.9	4.2
Certain infectious and parasitic diseases	304	355	288	484	442	1,279	1,448	1,283	2,780	2,321	4.2	4.1	4.5	5.7	5.3
Injury, poisoning and certain other consequences of external causes	305	304	249	303	315	1,093	1,052	955	1,424	1,616	3.6	3.5	3.8	4.7	5.1
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	-	*	2	7	2	-	34	2.0	7.0	2.0	-	8.5
Mental, behavioral and neurodevelopmental disorders	62	47	36	42	63	258	187	145	340	400	4.2	4.0	4.0	8.1	6.3
Diseases of the musculoskeletal system and connective tissue	184	183	123	107	92	543	484	348	400	420	3.0	2.6	2.8	3.7	4.6
Neoplasms	73	61	55	48	70	313	235	221	179	362	4.3	3.9	4.0	3.7	5.2
Diseases of the nervous system	71	61	82	47	96	277	197	362	178	404	3.9	3.2	4.4	3.8	4.2
Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy, childbirth and the puerperium	471	423	424	436	394	1,121	999	936	977	925	2.4	2.4	2.2	2.2	2.3
Diseases of the respiratory system	557	636	402	403	377	2,185	2,371	1,542	1,664	1,817	3.9	3.7	3.8	4.1	4.8
Diseases of the skin and subcutaneous tissue	71	80	69	80	59	247	280	285	337	259	3.5	3.5	4.1	4.2	4.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	88	87	99	97	38	229	255	293	492	127	2.6	2.9	3.0	5.1	3.3
Total	3,406	3,421	2,803	3,089	3,021	11,711	11,500	9,842	12,869	12,841	3.4	3.4	3.5	4.2	4.3

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>Springfield Hospital</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	14	14	17	10	*	41	73	107	24	33	2.9	5.2	6.3	2.4	6.6
Diseases of the circulatory system	218	158	139	132	105	718	597	671	460	378	3.3	3.8	4.8	3.5	3.6
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	188	125	119	118	92	677	494	485	426	415	3.6	4.0	4.1	3.6	4.5
Diseases of the ear and mastoid process	*	*	*	-	-	12	4	5	-	-	3.0	2.0	2.5	-	-
Endocrine, nutritional and metabolic diseases	44	35	40	38	41	132	167	190	117	148	3.0	4.8	4.8	3.1	3.6
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	-	*	-	*	-	-	4	-	2	-	-	2.0	-	1.0	-
Factors influencing health status and contact with health services	-	-	-	-	*	-	-	-	-	5	-	-	-	-	5.0
Diseases of the genitourinary system	91	57	66	61	38	359	204	239	227	202	3.9	3.6	3.6	3.7	5.3
Certain infectious and parasitic diseases	37	59	37	95	46	176	289	183	529	202	4.8	4.9	4.9	5.6	4.4
Injury, poisoning and certain other consequences of external causes	154	98	93	96	68	601	384	450	422	327	3.9	3.9	4.8	4.4	4.8
Congenital malformations, deformations and chromosomal abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mental, behavioral and neurodevelopmental disorders	366	349	123	208	313	2,840	2,651	1,053	1,854	2,528	7.8	7.6	8.6	8.9	8.1
Diseases of the musculoskeletal system and connective tissue	89	77	67	50	20	301	215	178	83	91	3.4	2.8	2.7	1.7	4.6
Neoplasms	21	10	11	21	7	99	51	43	125	34	4.7	5.1	3.9	6.0	4.9
Diseases of the nervous system	28	27	29	11	15	110	106	92	48	79	3.9	3.9	3.2	4.4	5.3
Certain conditions originating in the perinatal period	*	-	-	-	-	1	-	-	-	-	1.0	-	-	-	-
Pregnancy, childbirth and the puerperium	153	36	*	*	-	327	111	4	9	-	2.1	3.1	4.0	2.3	-
Diseases of the respiratory system	324	221	141	136	122	1,271	996	674	615	554	3.9	4.5	4.8	4.5	4.5
Diseases of the skin and subcutaneous tissue	49	28	37	30	21	260	148	233	144	87	5.3	5.3	6.3	4.8	4.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	41	20	21	25	25	103	68	90	73	100	2.5	3.4	4.3	2.9	4.0
Total	1,822	1,318	943	1,037	919	8,028	6,562	4,697	5,158	5,183	4.4	5.0	5.0	5.0	5.6

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-3**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals: 5 Year Comparison 2018-2022**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<b>University of Vermont Medical Center</b>															
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	213	210	190	183	192	1,159	1,225	1,118	974	1,150	5.4	5.8	5.9	5.3	6.0
Diseases of the circulatory system	4,252	4,563	4,182	4,408	4,339	23,178	25,990	23,798	24,271	26,476	5.5	5.7	5.7	5.5	6.1
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	1,794	1,948	1,822	2,136	1,947	10,950	11,522	10,948	13,536	12,084	6.1	5.9	6.0	6.3	6.2
Diseases of the ear and mastoid process	*	31	*	18	20	80	105	60	57	73	3.8	3.4	3.3	3.2	3.7
Endocrine, nutritional and metabolic diseases	782	865	666	783	779	4,977	5,311	4,294	4,754	5,216	6.4	6.1	6.4	6.1	6.7
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	24	*	22	31	*	100	107	91	108	101	4.2	4.5	4.1	3.5	4.2
Factors influencing health status and contact with health services	543	532	481	477	478	3,772	3,931	3,474	3,253	3,483	6.9	7.4	7.2	6.8	7.3
Diseases of the genitourinary system	618	667	662	768	648	3,427	4,678	4,017	4,470	4,461	5.5	7.0	6.1	5.8	6.9
Certain infectious and parasitic diseases	1,048	1,028	965	1,325	1,303	9,165	8,938	8,852	12,299	13,727	8.7	8.7	9.2	9.3	10.5
Injury, poisoning and certain other consequences of external causes	2,268	2,273	2,066	2,098	2,234	16,192	15,953	15,410	15,846	18,856	7.1	7.0	7.5	7.6	8.4
Congenital malformations, deformations and chromosomal abnormalities	115	128	113	94	100	554	581	596	482	468	4.8	4.5	5.3	5.1	4.7
Mental, behavioral and neurodevelopmental disorders	775	851	781	881	849	12,837	11,303	9,580	12,170	11,532	16.6	13.3	12.3	13.8	13.6
Diseases of the musculoskeletal system and connective tissue	1,428	1,461	1,029	828	759	5,872	6,244	4,734	5,122	5,479	4.1	4.3	4.6	6.2	7.2
Neoplasms	1,187	1,136	1,058	1,163	1,195	8,041	8,089	8,982	9,103	9,749	6.8	7.1	8.5	7.8	8.2
Diseases of the nervous system	839	887	726	851	734	6,671	8,073	9,514	8,902	7,691	8.0	9.1	13.1	10.5	10.5
Certain conditions originating in the perinatal period	*	*	*	-	*	44	4	41	-	192	22.0	4.0	41.0	-	48.0
Pregnancy, childbirth and the puerperium	2,360	2,405	2,301	2,467	2,426	7,280	7,624	6,827	7,366	7,334	3.1	3.2	3.0	3.0	3.0
Diseases of the respiratory system	1,258	1,299	1,021	936	1,298	7,120	7,465	7,099	5,125	7,501	5.7	5.7	7.0	5.5	5.8
Diseases of the skin and subcutaneous tissue	197	252	178	231	202	1,398	1,321	821	1,319	1,336	7.1	5.2	4.6	5.7	6.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	481	467	379	426	284	2,437	2,496	2,188	2,445	1,898	5.1	5.3	5.8	5.7	6.7
<b>Total</b>	<b>20,205</b>	<b>21,028</b>	<b>18,661</b>	<b>20,104</b>	<b>19,815</b>	<b>125,254</b>	<b>130,960</b>	<b>122,444</b>	<b>131,602</b>	<b>138,807</b>	<b>6.2</b>	<b>6.2</b>	<b>6.6</b>	<b>6.5</b>	<b>7.0</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cell are marked with \*.

**Table I-4**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals**  
**Discharges, Patient Days and Average Length of Stay by Age Group**

**Discharges by Age Group**

<u>Vermont Hospitals</u>	<u>Under 15</u>	<u>15-44</u>	<u>45-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80+</u>	<u>0-64</u>	<u>65+</u>	<u>Total</u>
Brattleboro Memorial Hospital	-	415	381	179	184	164	348	796	875	1,671
Central Vermont Medical Center	*	809	961	*	409	394	935	1,771	2,094	3,865
Copley Hospital	*	274	255	*	130	158	323	532	740	1,272
Gifford Medical Center	-	256	168	83	106	115	258	424	562	986
Grace Cottage Family Health & Hospital	-	7	10	12	10	15	48	17	85	102
Mt. Ascutney Hospital and Health Center	-	60	157	91	121	112	311	217	635	852
North Country Hospital	23	270	237	93	153	155	352	530	753	1,283
Northeastern Vermont Regional Hospital	15	383	303	122	151	165	268	701	706	1,407
Northwestern Medical Center	47	501	538	216	208	234	526	1,086	1,184	2,270
Porter Medical Center	-	409	207	107	116	146	321	616	690	1,306
Rutland Regional Medical Center	199	1,272	1,565	566	625	579	1,043	3,036	2,813	5,849
Southwestern Vermont Medical Center	9	625	612	301	312	324	838	1,246	1,775	3,021
Springfield Hospital	-	234	249	83	95	89	169	483	436	919
University of Vermont Medical Center	792	5,113	4,782	2,114	2,171	1,837	3,006	10,687	9,128	19,815
Total	1,089	10,628	10,425	4,452	4,791	4,487	8,746	22,142	22,476	44,618

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cells are marked with \*.

**Table I-4**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals**  
**Discharges, Patient Days and Average Length of Stay by Age Group**

<u>Vermont Hospitals</u>	<b>Patient Days by Age Group</b>									<u>Total</u>
	<u>Under 15</u>	<u>15-44</u>	<u>45-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80+</u>	<u>0-64</u>	<u>65+</u>	
Brattleboro Memorial Hospital	-	1,044	1,652	558	685	528	1,322	2,696	3,093	5,789
Central Vermont Medical Center	3	3,917	5,514	2,235	2,353	2,228	5,306	9,434	12,122	21,556
Copley Hospital	4	635	902	515	458	609	1,407	1,541	2,989	4,530
Gifford Medical Center	-	603	607	293	362	429	1,130	1,210	2,214	3,424
Grace Cottage Family Health & Hospital	-	32	28	50	73	135	284	60	542	602
Mt. Ascutney Hospital and Health Center	-	625	1,821	1,153	1,349	995	3,563	2,446	7,060	9,506
North Country Hospital	52	670	888	357	644	751	1,639	1,610	3,391	5,001
Northeastern Vermont Regional Hospital	34	1,016	1,026	572	658	704	1,263	2,076	3,197	5,273
Northwestern Medical Center	110	1,250	2,720	1,352	1,442	1,163	2,779	4,080	6,736	10,816
Porter Medical Center	-	1,021	1,006	500	681	722	2,096	2,027	3,999	6,026
Rutland Regional Medical Center	388	5,862	9,617	3,649	3,333	3,077	5,400	15,867	15,459	31,326
Southwestern Vermont Medical Center	24	1,776	2,965	1,396	1,256	1,489	3,935	4,765	8,076	12,841
Springfield Hospital	-	1,588	1,408	408	465	447	867	2,996	2,187	5,183
University of Vermont Medical Center	3,818	28,217	38,244	16,426	16,056	14,554	21,492	70,279	68,528	138,807
Total	4,433	48,256	68,398	29,464	29,815	27,831	52,483	121,087	139,593	260,680

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.  
Suppressed cells are marked with \*.

**Table I-4**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Summary Statistics for Vermont Hospitals**  
**Discharges, Patient Days and Average Length of Stay by Age Group**

**Average Length of Stay by Age Group**

<u>Vermont Hospitals</u>	<u>Under 15</u>	<u>15-44</u>	<u>45-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80+</u>	<u>0-64</u>	<u>65+</u>	<u>Total</u>
Brattleboro Memorial Hospital	0.0	2.5	4.3	3.1	3.7	3.2	3.8	3.4	3.5	3.5
Central Vermont Medical Center	3.0	4.8	5.7	6.3	5.8	5.7	5.7	5.3	5.8	5.6
Copley Hospital	1.3	2.3	3.5	4.0	3.5	3.9	4.4	2.9	4.0	3.6
Gifford Medical Center	0.0	2.4	3.6	3.5	3.4	3.7	4.4	2.9	3.9	3.5
Grace Cottage Family Health & Hospital	0.0	4.6	2.8	4.2	7.3	9.0	5.9	3.5	6.4	5.9
Mt. Ascutney Hospital and Health Center	0.0	10.4	11.6	12.7	11.1	8.9	11.5	11.3	11.1	11.2
North Country Hospital	2.3	2.5	3.7	3.8	4.2	4.8	4.7	3.0	4.5	3.9
Northeastern Vermont Regional Hospital	2.3	2.7	3.4	4.7	4.4	4.3	4.7	3.0	4.5	3.7
Northwestern Medical Center	2.3	2.5	5.1	6.3	6.9	5.0	5.3	3.8	5.7	4.8
Porter Medical Center	0.0	2.5	4.9	4.7	5.9	4.9	6.5	3.3	5.8	4.6
Rutland Regional Medical Center	1.9	4.6	6.1	6.4	5.3	5.3	5.2	5.2	5.5	5.4
Southwestern Vermont Medical Center	2.7	2.8	4.8	4.6	4.0	4.6	4.7	3.8	4.5	4.3
Springfield Hospital	0.0	6.8	5.7	4.9	4.9	5.0	5.1	6.2	5.0	5.6
University of Vermont Medical Center	4.8	5.5	8.0	7.8	7.4	7.9	7.1	6.6	7.5	7.0
Total	4.1	4.5	6.6	6.6	6.2	6.2	6.0	5.5	6.2	5.8

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.  
 Suppressed cells are marked with \*.

**Table I-5  
2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents  
Vermont Hospitals by Principal Payer**

Vermont Hospital	Principal Payer														Total	
	Medicare		Medicaid		Other Govt		Workers Comp.		Private Insurance		Other		Unknown			
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Col%
Brattleboro Memorial Hospital	649	38.8%	324	19.4%	*	*	*	*	654	39.1%	29	1.7%	-	0.0%	1,671	3.7%
Central Vermont Medical Center	2,263	58.6%	693	17.9%	107	2.8%	6	0.2%	736	19.0%	42	1.1%	18	0.5%	3,865	8.7%
Copley Hospital	788	61.9%	233	18.3%	*	*	*	*	209	16.4%	18	1.4%	-	0.0%	1,272	2.9%
Gifford Medical Center	566	57.4%	163	16.5%	*	*	-	0.0%	231	23.4%	*	*	-	0.0%	986	2.2%
Grace Cottage Family Health & Hospital	67	65.7%	9	8.8%	*	*	-	0.0%	21	20.6%	-	0.0%	-	0.0%	102	0.2%
Mt. Ascutney Hospital and Health Center	645	75.7%	86	10.1%	-	0.0%	*	*	110	12.9%	*	*	-	0.0%	852	1.9%
North Country Hospital	770	60.0%	257	20.0%	67	5.2%	*	*	175	13.6%	11	0.9%	*	*	1,283	2.9%
Northeastern Vermont Regional Hospital	762	54.2%	312	22.2%	8	0.6%	*	*	313	22.2%	*	*	-	0.0%	1,407	3.2%
Northwestern Medical Center	1,313	57.8%	448	19.7%	15	0.7%	10	0.4%	449	19.8%	35	1.5%	-	0.0%	2,270	5.1%
Porter Medical Center	679	52.0%	197	15.1%	38	2.9%	-	0.0%	369	28.3%	17	1.3%	6	0.5%	1,306	2.9%
Rutland Regional Medical Center	3,282	56.1%	1,401	24.0%	160	2.7%	9	0.2%	918	15.7%	79	1.4%	-	0.0%	5,849	13.1%
Southwestern Vermont Medical Center	1,778	58.9%	522	17.3%	123	4.1%	6	0.2%	556	18.4%	36	1.2%	-	0.0%	3,021	6.8%
Springfield Hospital	403	43.9%	214	23.3%	*	*	-	0.0%	281	30.6%	*	*	-	0.0%	919	2.1%
University of Vermont Medical Center	9,313	47.0%	3,312	16.7%	609	3.1%	28	0.1%	6,220	31.4%	195	1.0%	138	0.7%	19,815	44.4%
<b>Total</b>	<b>23,278</b>	<b>52.2%</b>	<b>8,171</b>	<b>18.3%</b>	<b>1,180</b>	<b>2.6%</b>	<b>75</b>	<b>0.2%</b>	<b>11,242</b>	<b>25.2%</b>	<b>509</b>	<b>1.1%</b>	<b>163</b>	<b>0.4%</b>	<b>44,618</b>	<b>100.0%</b>

"Other" payer includes self-pay, no charge, and other sources of payment.

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.

Suppressed cells are marked with \*.

**Table I-6**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups by Principal Payer**

CCSR Diagnosis Groups	Principal Payer														Total	
	Medicare		Medicaid		Other Govt		Workers Comp.		Private Insurance		Other		Unknown		N	Col%
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%		
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	262	60.4%	60	13.8%	11	2.5%	1	0.2%	98	22.6%	1	0.2%	1	0.2%	434	1.0%
Diseases of the circulatory system	5,440	68.5%	628	7.9%	261	3.3%	7	0.1%	1,506	19.0%	87	1.1%	18	0.2%	7,947	17.8%
Dental diseases	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	2,455	53.0%	744	16.1%	121	2.6%	1	0.0%	1,225	26.5%	77	1.7%	6	0.1%	4,629	10.4%
Diseases of the ear and mastoid process	15	41.7%	4	11.1%	1	2.8%	-	0.0%	15	41.7%	1	2.8%	-	0.0%	36	0.1%
Endocrine, nutritional and metabolic diseases	901	52.7%	392	22.9%	37	2.2%	2	0.1%	358	20.9%	19	1.1%	2	0.1%	1,711	3.8%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	18	51.4%	5	14.3%	1	2.9%	-	0.0%	11	31.4%	-	0.0%	-	0.0%	35	0.1%
Factors influencing health status and contact with health services	419	50.8%	103	12.5%	14	1.7%	-	0.0%	285	34.5%	3	0.4%	1	0.1%	825	1.8%
Diseases of the genitourinary system	1,242	67.2%	200	10.8%	56	3.0%	3	0.2%	326	17.7%	19	1.0%	1	0.1%	1,847	4.1%
Certain infectious and parasitic diseases	2,853	67.1%	571	13.4%	143	3.4%	3	0.1%	636	15.0%	36	0.8%	9	0.2%	4,251	9.5%
Injury, poisoning and certain other consequences of external causes	2,553	60.5%	568	13.5%	115	2.7%	29	0.7%	815	19.3%	50	1.2%	89	2.1%	4,219	9.5%
Congenital malformations, deformations and chromosomal abnormalities	21	19.6%	34	31.8%	-	0.0%	1	0.9%	48	44.9%	3	2.8%	-	0.0%	107	0.2%
Mental, behavioral and neurodevelopmental disorders	800	27.7%	1,361	47.2%	34	1.2%	-	0.0%	618	21.4%	63	2.2%	9	0.3%	2,885	6.5%
Diseases of the musculoskeletal system and connective tissue	1,194	63.4%	211	11.2%	41	2.2%	24	1.3%	397	21.1%	12	0.6%	4	0.2%	1,883	4.2%
Neoplasms	940	53.7%	174	9.9%	54	3.1%	1	0.1%	570	32.6%	8	0.5%	2	0.1%	1,749	3.9%
Diseases of the nervous system	811	61.3%	173	13.1%	42	3.2%	1	0.1%	281	21.3%	10	0.8%	4	0.3%	1,322	3.0%
Certain conditions originating in the perinatal period	-	0.0%	3	60.0%	-	0.0%	-	0.0%	1	20.0%	1	20.0%	-	0.0%	5	0.0%
Pregnancy, childbirth and the puerperium	55	1.1%	1,906	36.9%	87	1.7%	-	0.0%	3,057	59.1%	57	1.1%	8	0.2%	5,170	11.6%
Diseases of the respiratory system	2,335	0.0%	680	0.0%	123	0.0%	-	0.0%	709	0.0%	40	0.0%	7	0.0%	3,894	8.7%
Diseases of the skin and subcutaneous tissue	322	43.3%	247	33.2%	15	2.0%	1	0.1%	149	20.1%	8	1.1%	1	0.1%	743	1.7%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	642	69.3%	107	11.6%	24	2.6%	1	0.1%	137	14.8%	14	1.5%	1	0.1%	926	2.1%
<b>Total</b>	<b>23,278</b>	<b>52.2%</b>	<b>8,171</b>	<b>18.3%</b>	<b>1,180</b>	<b>0.02645</b>	<b>75</b>	<b>0.2%</b>	<b>11,242</b>	<b>25.2%</b>	<b>509</b>	<b>1.1%</b>	<b>163</b>	<b>0.0037</b>	<b>44,618</b>	

"Other" payer includes self-pay, no charge, and other sources of payment.

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.



**Table I-7**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Percent Readmitted within 30 days by Vermont Hospital and State of Residence**  
**2018 - 2022**

Vermont Hospital	2018				2019				2020				2021				2022			
	VT resident discharges		Non-Vermont discharges		VT resident discharges		Non-Vermont discharges		VT resident discharges		Non-Vermont discharges		VT resident discharges		Non-Vermont discharges		VT resident discharges		Non-Vermont discharges	
	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted	N	Pct readmitted
Brattleboro Memorial Hospital	1,358	6.9%	339	6.8%	1,493	7.8%	367	5.4%	1,158	8.1%	293	8.2%	1,340	7.5%	314	4.8%	1,335	7.0%	336	3.3%
Central Vermont Medical Center	3,721	11.4%	66	4.5%	3,729	11.0%	79	5.1%	3,313	12.6%	61	13.1%	3,516	12.1%	81	4.9%	3,765	13.0%	100	6.0%
Copley Hospital	1,684	5.8%	88	1.1%	1,625	4.9%	62	4.8%	1,475	8.1%	42	0.0%	1,458	6.6%	44	4.5%	1,234	9.3%	38	2.6%
Gifford Medical Center	1,298	9.1%	*	*	1,313	8.1%	*	*	1,118	9.7%	*	*	1,208	7.1%	25	4.0%	958	7.8%	*	*
Grace Cottage Family Health & Hospital	120	1.7%	*	*	133	4.5%	*	*	111	8.1%	*	*	96	4.2%	8	0.0%	97	6.2%	*	*
Mt. Ascutney Hospital and Health Center	700	7.3%	262	6.5%	778	8.2%	297	4.7%	672	8.6%	246	6.9%	663	6.3%	347	4.0%	632	6.2%	220	0.9%
North Country Hospital	1,472	7.6%	30	0.0%	1,282	8.7%	16	0.0%	1,165	9.4%	17	0.0%	1,269	10.4%	29	17.2%	1,253	7.7%	30	0.0%
Northeastern Vermont Regional Hospital	1,276	9.0%	58	5.2%	1,249	6.0%	44	0.0%	992	6.4%	30	0.0%	1,380	8.3%	66	9.1%	1,338	8.4%	69	2.9%
Northwestern Medical Center	2,232	7.9%	28	0.0%	2,257	9.2%	30	6.7%	1,827	8.6%	21	0.0%	2,111	8.7%	34	0.0%	2,241	10.2%	29	6.9%
Porter Medical Center	1,044	5.4%	115	1.7%	1,153	5.8%	121	3.3%	854	5.4%	95	2.1%	1,108	7.3%	108	1.9%	1,186	8.8%	120	5.0%
Rutland Regional Medical Center	6,428	11.5%	445	8.3%	6,007	12.1%	435	6.4%	5,236	11.3%	387	9.8%	5,313	12.0%	370	11.1%	5,440	13.5%	409	9.3%
Southwestern Vermont Medical Center	2,396	12.5%	1,010	7.8%	2,458	11.4%	963	7.8%	1,990	10.8%	813	6.9%	2,132	8.9%	957	9.4%	2,134	10.4%	887	5.5%
Springfield Hospital	1,525	8.1%	297	8.1%	1,119	6.5%	199	8.5%	792	6.3%	151	11.3%	883	7.0%	154	7.1%	813	5.3%	106	0.9%
University of Vermont Medical Center	16,741	11.2%	3,464	7.7%	17,459	11.3%	3,569	7.5%	15,518	11.6%	3,143	10.6%	16,754	11.8%	3,350	8.5%	16,405	12.1%	3,410	8.6%
<b>Total</b>	<b>41,995</b>	<b>10.2%</b>	<b>6,221</b>	<b>7.3%</b>	<b>42,055</b>	<b>10.2%</b>	<b>6,205</b>	<b>7.0%</b>	<b>36,221</b>	<b>10.6%</b>	<b>5,331</b>	<b>9.3%</b>	<b>39,231</b>	<b>10.5%</b>	<b>5,887</b>	<b>8.1%</b>	<b>38,831</b>	<b>11.2%</b>	<b>5,787</b>	<b>7.2%</b>
	<b>Total N</b>	<b>Readmissions</b>			<b>Total N</b>	<b>Readmissions</b>			<b>Total N</b>	<b>Readmissions</b>			<b>Total N</b>	<b>Readmissions</b>			<b>Total N</b>	<b>Readmissions</b>		
<b>Total for All Discharges</b>	<b>48,216</b>	<b>4,735</b>	<b>9.8%</b>		<b>48,260</b>	<b>4,740</b>	<b>9.8%</b>		<b>41,552</b>	<b>4,331</b>	<b>10.4%</b>		<b>45,118</b>	<b>4,609</b>	<b>10.2%</b>		<b>44,618</b>	<b>4,761</b>	<b>10.7%</b>	

Readmission is defined as inpatient admitted to the same hospital for any reason within 30 days of discharge, excluding same-day readmissions. Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes. Suppressed cells are marked with \*.

**Table I-8**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**Median Charges for Readmissions within 30 days by Vermont Hospital and State of Residence**  
**2018 - 2022**

Vermont Hospital	2018				2019				2020				2021				2022			
	VT residents		Non-Vermonters		VT residents		Non-Vermonters		VT residents		Non-Vermonters		VT residents		Non-Vermonters		VT residents		Non-Vermonters	
	N	Median Charges	N	Median Charges	N	Median Charges	N	Median Charges	N	Median Charges	N	Median Charges	N	Median Charges	N	Median Charges	N	Median Charges	N	Median Charges
Brattleboro Memorial Hospital	94	\$ 16,447	23	\$ 12,089	116	\$ 16,031	20	\$ 18,534	94	\$ 19,991	24	\$ 17,257	101	\$ 19,877	15	\$ 29,952	94	\$ 25,165	11	\$ 29,611
Central Vermont Medical Center	424	\$ 16,409	*	*	412	\$ 18,665	*	*	418	\$ 18,306	8	\$ 14,875	426	\$ 19,780	*	*	489	\$ 22,094	6	\$ 25,491
Copley Hospital	97	\$ 7,878	*	*	79	\$ 8,747	*	*	120	\$ 8,690	-	-	96	\$ 10,976	*	*	115	\$ 13,117	*	*
Gifford Medical Center	118	\$ 16,164	-	\$ 2,525	107	\$ 16,485	*	*	108	\$ 17,495	*	*	86	\$ 16,011	*	*	75	\$ 17,246	*	*
Grace Cottage Family Health & Hospital	*	*	-	-	6	\$ 16,369	-	-	9	\$ 17,853	-	-	*	*	-	-	6	\$ 17,645	-	-
Mt. Ascutney Hospital and Health Center	*	*	17	\$ 18,833	64	\$ 19,492	14	\$ 10,959	58	\$ 18,043	17	\$ 13,239	*	*	14	\$ 17,492	39	\$ 26,492	*	*
North Country Hospital	112	\$ 16,057	-	-	112	\$ 20,530	-	-	110	\$ 19,324	-	-	132	\$ 25,533	*	*	97	\$ 22,055	-	-
Northeastern Vermont Regional Hospital	115	\$ 26,092	*	*	75	\$ 30,241	-	-	63	\$ 26,352	-	-	114	\$ 28,815	6	\$ 22,219	112	\$ 32,221	*	*
Northwestern Medical Center	176	\$ 11,418	-	-	207	\$ 10,244	*	*	157	\$ 13,368	-	-	183	\$ 15,150	-	-	228	\$ 16,353	*	*
Porter Medical Center	56	\$ 14,405	*	*	67	\$ 13,169	*	*	46	\$ 14,991	*	*	81	\$ 13,250	*	*	104	\$ 13,707	6	\$ 7,663
Rutland Regional Medical Center	740	\$ 18,294	37	\$ 21,209	729	\$ 19,428	28	\$ 19,243	592	\$ 20,834	38	\$ 17,251	636	\$ 22,395	41	\$ 31,321	734	\$ 23,951	38	\$ 23,738
Southwestern Vermont Medical Center	300	\$ 15,293	79	\$ 14,932	279	\$ 16,241	75	\$ 15,443	214	\$ 16,444	56	\$ 15,296	189	\$ 19,999	90	\$ 18,253	223	\$ 20,528	49	\$ 21,751
Springfield Hospital	124	\$ 15,343	24	\$ 11,887	73	\$ 15,244	17	\$ 20,609	50	\$ 15,640	17	\$ 23,906	62	\$ 17,674	11	\$ 21,235	43	\$ 19,788	*	*
University of Vermont Medical Center	1,869	\$ 24,830	268	\$ 26,109	1,977	\$ 25,711	268	\$ 29,867	1,794	\$ 28,026	334	\$ 31,311	1,980	\$ 29,716	286	\$ 30,089	1,988	\$ 33,292	293	\$ 41,193
<b>Total</b>	<b>4,278</b>	<b>\$ 19,077</b>	<b>457</b>	<b>\$ 20,397</b>	<b>4,303</b>	<b>\$ 20,298</b>	<b>437</b>	<b>\$ 21,801</b>	<b>3,833</b>	<b>\$ 21,557</b>	<b>498</b>	<b>\$ 24,653</b>	<b>4,132</b>	<b>\$ 23,679</b>	<b>477</b>	<b>\$ 26,159</b>	<b>4,347</b>	<b>\$ 25,836</b>	<b>414</b>	<b>\$ 33,208</b>
<b>Total Readmissions</b>	<b>Total N</b>		<b>Total N</b>		<b>Total N</b>		<b>Total N</b>		<b>Total N</b>		<b>Total N</b>		<b>Total N</b>		<b>Total N</b>		<b>Total N</b>		<b>Total N</b>	
	4,735		4,740		4,331		4,609		4,761		4,735		4,735		4,735		4,735		4,735	
	\$19,208		\$20,403		\$21,930		\$23,944		\$26,397		\$26,397		\$26,397		\$26,397		\$26,397		\$26,397	

Readmission is defined as inpatient admitted to the same hospital for any reason within 30 days of discharge, excluding same-day readmissions.  
Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.  
Total inpatient charges include newborns. Inpatient charges of \$100 or less are considered missing.  
Charge data should be used with caution. See discussion in Appendix A for details.  
Suppressed cells are marked with \*.

**Table I-9**  
**2022 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents**  
**In-migration by Vermont Hospital**

<u>Vermont Hospital</u>	<u>Vermont Residents</u>		<u>Non-Vermonters</u>		<u>Total for Vermont Hospitals</u>	
	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>
Brattleboro Memorial Hospital	1,335	\$ 36,432,925	336	\$ 9,280,843	1,671	\$ 45,713,768
Central Vermont Medical Center	3,765	\$ 103,610,429	100	\$ 3,527,813	3,865	\$ 107,138,241
Copley Hospital	1,234	\$ 22,766,399	38	\$ 992,910	1,272	\$ 23,759,309
Gifford Medical Center	958	\$ 20,313,181	28	\$ 604,788	986	\$ 20,917,968
Grace Cottage Family Health & Hospital	*	*	*	*	102	\$ 2,342,347
Mt. Ascutney Hospital and Health Center	*	*	*	*	852	\$ 31,173,750
North Country Hospital	1,253	\$ 37,081,918	30	\$ 862,223	1,283	\$ 37,944,141
Northeastern Vermont Regional Hospital	1,338	\$ 46,508,445	69	\$ 2,520,802	1,407	\$ 49,029,246
Northwestern Medical Center	2,241	\$ 47,907,735	29	\$ 652,029	2,270	\$ 48,559,764
Porter Medical Center	1,186	\$ 22,110,860	120	\$ 2,230,069	1,306	\$ 24,340,929
Rutland Regional Medical Center	5,440	\$ 185,931,627	409	\$ 14,730,308	5,849	\$ 200,661,935
Southwestern Vermont Medical Center	2,134	\$ 54,812,700	887	\$ 22,677,513	3,021	\$ 77,490,213
Springfield Hospital	813	\$ 19,245,634	106	\$ 2,630,030	919	\$ 21,875,664
University of Vermont Medical Center	16,405	\$ 972,237,817	3,410	\$ 276,000,131	19,815	\$ 1,248,237,948
<b>Total for 2022</b>	<b>38,831</b>	<b>\$ 1,594,650,201</b>	<b>5,787</b>	<b>\$ 344,535,024</b>	<b>44,618</b>	<b>\$ 1,939,185,225</b>
Total for 2021	39,231	\$ 1,472,645,199	5,887	\$ 305,876,922	45,118	\$ 1,778,522,121
Total for 2020	36,221	\$ 1,270,846,027	5,331	\$ 263,470,144	41,552	\$ 1,534,316,171
Total for 2019	42,055	\$ 1,362,439,494	6,205	\$ 277,412,495	48,260	\$ 1,639,851,989
Total for 2018	41,995	\$ 1,279,629,066	6,221	\$ 266,869,148	48,216	\$ 1,546,498,213

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.

Total inpatient charges include newborns. Inpatient charges of \$100 or less are considered missing.

Charge data should be used with caution. See discussion in Appendix A for details.

Suppressed cells are marked with \*.

# Emergency Department Visits

**Table E-1**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Setting**

<b>Vermont Hospital</b>	<b>Inpatient Discharges Originating in ED</b>		<b>ED Visits Not Admitted</b>		<b>All ED Visits</b>	
	<b>N</b>	<b>Row%</b>	<b>N</b>	<b>Row%</b>	<b>N</b>	<b>Col%</b>
Brattleboro Memorial Hospital	1,077	8.0%	12,347	92.0%	13,424	5.0%
Central Vermont Medical Center	3,359	13.3%	21,846	86.7%	25,205	9.4%
Copley Hospital	799	6.0%	12,432	94.0%	13,231	4.9%
Gifford Medical Center	698	9.3%	6,784	90.7%	7,482	2.8%
Grace Cottage Family Health & Hospital	74	2.0%	3,619	98.0%	3,693	1.4%
Mt. Ascutney Hospital and Health Center	193	3.2%	5,864	96.8%	6,057	2.3%
North Country Hospital	732	5.1%	13,737	94.9%	14,469	5.4%
Northeastern Vermont Regional Hospital	1,030	8.0%	11,851	92.0%	12,881	4.8%
Northwestern Medical Center	1,789	7.9%	20,773	92.1%	22,562	8.4%
Porter Medical Center	639	3.0%	20,902	97.0%	21,541	8.0%
Rutland Regional Medical Center	4,937	16.0%	26,000	84.0%	30,937	11.5%
Southwestern Vermont Medical Center	2,454	11.0%	19,806	89.0%	22,260	8.3%
Springfield Hospital	644	5.0%	12,298	95.0%	12,942	4.8%
University of Vermont Medical Center	11,467	18.5%	50,660	81.5%	62,127	23.1%
Total	29,892	11.1%	238,919	88.9%	268,811	100.0%

ED visits include all hospital records (outpatient and inpatient) that originated in the ED.  
 Inpatient discharges originating in the ED are reported in this table and in the Vermont Hospital Inpatient tables.  
 Inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.  
 ED visits exclude any records with missing or invalid diagnosis codes.

**Table E-2**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Setting: Five-Year Comparison**

<b>Inpatient Discharges Originating in ED</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Brattleboro Memorial Hospital	1,137	1,221	942	1,032	1,077
Central Vermont Medical Center	3,152	3,236	2,878	3,085	3,359
Copley Hospital	967	812	800	740	799
Gifford Medical Center	816	807	723	841	698
Grace Cottage Family Health & Hospital	100	116	90	79	74
Mt. Ascutney Hospital and Health Center	248	308	278	296	193
North Country Hospital	968	901	836	964	732
Northeastern Vermont Regional Hospital	908	838	700	1,064	1,030
Northwestern Medical Center	1,593	1,671	1,311	1,615	1,789
Porter Medical Center	631	780	533	736	639
Rutland Regional Medical Center	5,247	5,031	4,441	4,730	4,937
Southwestern Vermont Medical Center	2,682	2,746	2,200	2,494	2,454
Springfield Hospital	1,353	983	817	821	644
University of Vermont Medical Center	10,262	11,027	10,232	11,601	11,467
Total	30,064	30,477	26,781	30,098	29,892
<b>ED Visits Not Admitted</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Brattleboro Memorial Hospital	12,475	12,655	10,604	11,737	12,347
Central Vermont Medical Center	21,696	21,876	17,419	19,887	21,846
Copley Hospital	12,142	12,052	9,942	11,248	12,432
Gifford Medical Center	5,989	5,800	4,667	5,684	6,784
Grace Cottage Family Health & Hospital	2,917	2,931	2,505	2,990	3,619
Mt. Ascutney Hospital and Health Center	4,319	4,684	4,282	5,447	5,864
North Country Hospital	14,037	14,459	10,663	12,077	13,737
Northeastern Vermont Regional Hospital	13,627	13,521	9,309	10,164	11,851
Northwestern Medical Center	22,170	22,489	17,274	19,641	20,773
Porter Medical Center	17,505	19,163	13,752	17,448	20,902
Rutland Regional Medical Center	26,774	25,383	21,159	24,103	26,000
Southwestern Vermont Medical Center	20,531	20,870	17,328	19,143	19,806
Springfield Hospital	15,002	13,197	10,415	11,217	12,298
University of Vermont Medical Center	46,618	47,406	38,465	45,381	50,660
Total	235,802	236,486	187,784	216,167	238,919

**Table E-2**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Setting: Five-Year Comparison**

<b>All ED Visits, Including Those Admitted</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Brattleboro Memorial Hospital	13,612	13,876	11,546	12,769	13,424
Central Vermont Medical Center	24,848	25,112	20,297	22,972	25,205
Copley Hospital	13,109	12,864	10,742	11,988	13,231
Gifford Medical Center	6,805	6,607	5,390	6,525	7,482
Grace Cottage Family Health & Hospital	3,017	3,047	2,595	3,069	3,693
Mt. Ascutney Hospital and Health Center	4,567	4,992	4,560	5,743	6,057
North Country Hospital	15,005	15,360	11,499	13,041	14,469
Northeastern Vermont Regional Hospital	14,535	14,359	10,009	11,228	12,881
Northwestern Medical Center	23,763	24,160	18,585	21,256	22,562
Porter Medical Center	18,136	19,943	14,285	18,184	21,541
Rutland Regional Medical Center	32,021	30,414	25,600	28,833	30,937
Southwestern Vermont Medical Center	23,213	23,616	19,528	21,637	22,260
Springfield Hospital	16,355	14,180	11,232	12,038	12,942
University of Vermont Medical Center	56,880	58,433	48,697	56,982	62,127
Total	265,866	266,963	214,565	246,265	268,811

ED visits include all hospital records (outpatient and inpatient) that originated in the ED.

ED visits exclude any records with missing or invalid diagnosis codes.

Inpatient discharges originating in the ED are reported in this table and in the Vermont Hospital Inpatient tables.

Inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.

**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>All Vermont Hospitals</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	371	30.9%	831	69.1%	1,202	0.4%
Diseases of the circulatory system	5,576	23.5%	18,195	76.5%	23,771	8.8%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	3,943	21.5%	14,361	78.5%	18,304	6.8%
Diseases of the ear and mastoid process	34	0.9%	3,928	99.1%	3,962	1.5%
Endocrine, nutritional and metabolic diseases	1,332	27.8%	3,451	72.2%	4,783	1.8%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	31	1.3%	2,308	98.7%	2,339	0.9%
Factors influencing health status and contact with health services	62	1.4%	4,446	98.6%	4,508	1.7%
Diseases of the genitourinary system	1,522	12.1%	11,106	87.9%	12,628	4.7%
Certain infectious and parasitic diseases	3,848	25.7%	11,106	74.3%	14,954	5.6%
Injury, poisoning and certain other consequences of external causes	3,286	5.7%	54,209	94.3%	57,495	21.4%
Congenital malformations, deformations and chromosomal abnormalities	29	30.9%	65	69.1%	94	0.0%
Mental, behavioral and neurodevelopmental disorders	2,310	16.9%	11,337	83.1%	13,647	5.1%
Diseases of the musculoskeletal system and connective tissue	802	4.2%	18,383	95.8%	19,185	7.1%
Neoplasms	831	63.4%	480	36.6%	1,311	0.5%
Diseases of the nervous system	1,008	10.6%	8,514	89.4%	9,522	3.5%
Certain conditions originating in the perinatal period	-	0.0%	140	100.0%	140	0.1%
Pregnancy, childbirth and the puerperium	124	4.4%	2,725	95.6%	2,849	1.1%
Diseases of the respiratory system	3,400	14.7%	19,742	85.3%	23,142	8.6%
Diseases of the skin and subcutaneous tissue	655	7.6%	7,921	92.4%	8,576	3.2%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	728	1.6%	45,671	98.4%	46,399	17.3%
Total	29,892	11.1%	238,919	88.9%	268,811	

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables. Suppressed cells are marked with \*.



**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Brattleboro Memorial Hospital</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	13	23.6%	42	76.4%	55	0.4%
Diseases of the circulatory system	188	16.4%	956	83.6%	1,144	8.5%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	184	21.1%	690	78.9%	874	6.5%
Diseases of the ear and mastoid process	*	*	*	*	151	1.1%
Endocrine, nutritional and metabolic diseases	60	23.2%	199	76.8%	259	1.9%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	*	*	*	*	83	0.6%
Factors influencing health status and contact with health services	-	0.0%	140	100.0%	140	1.0%
Diseases of the genitourinary system	72	12.3%	514	87.7%	586	4.4%
Certain infectious and parasitic diseases	131	21.7%	473	78.3%	604	4.5%
Injury, poisoning and certain other consequences of external causes	115	3.7%	3,006	96.3%	3,121	23.2%
Congenital malformations, deformations and chromosomal abnormalities	-	*	*	*	4	0.0%
Mental, behavioral and neurodevelopmental disorders	33	3.5%	904	96.5%	937	7.0%
Diseases of the musculoskeletal system and connective tissue	23	2.5%	899	97.5%	922	6.9%
Neoplasms	22	38.6%	35	61.4%	57	0.4%
Diseases of the nervous system	19	4.0%	461	96.0%	480	3.6%
Certain conditions originating in the perinatal period	*	*	*	*	5	0.0%
Pregnancy, childbirth and the puerperium	11	7.2%	142	92.8%	153	1.1%
Diseases of the respiratory system	135	11.3%	1,060	88.7%	1,195	8.9%
Diseases of the skin and subcutaneous tissue	55	10.9%	450	89.1%	505	3.8%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	12	0.6%	2,137	99.4%	2,149	16.0%
Total	1,077	8.0%	12,347	92.0%	13,424	

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables. Suppressed cells are marked with \*.

**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Central Vermont Medical Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	36	35.3%	66	64.7%	102	0.4%
Diseases of the circulatory system	595	25.3%	1,754	74.7%	2,349	9.3%
Dental diseases	0	0.0%	0	0.0%	0	0.0%
Diseases of the digestive system	378	21.6%	1,371	78.4%	1,749	6.9%
Diseases of the ear and mastoid process	*	*	*	*	261	1.0%
Endocrine, nutritional and metabolic diseases	138	34.9%	257	65.1%	395	1.6%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	*	*	*	*	213	0.8%
Factors influencing health status and contact with health services	7	2.9%	237	97.1%	244	1.0%
Diseases of the genitourinary system	132	11.5%	1,011	88.5%	1,143	4.5%
Certain infectious and parasitic diseases	683	38.1%	1,108	61.9%	1,791	7.1%
Injury, poisoning and certain other consequences of external causes	243	4.9%	4,724	95.1%	4,967	19.7%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	8	0.0%
Mental, behavioral and neurodevelopmental disorders	436	28.3%	1,103	71.7%	1,539	6.1%
Diseases of the musculoskeletal system and connective tissue	91	4.5%	1,913	95.5%	2,004	8.0%
Neoplasms	71	59.2%	49	40.8%	120	0.5%
Diseases of the nervous system	93	10.6%	788	89.4%	881	3.5%
Certain conditions originating in the perinatal period	-	0.0%	6	100.0%	6	0.0%
Pregnancy, childbirth and the puerperium	39	11.8%	292	88.2%	331	1.3%
Diseases of the respiratory system	244	11.4%	1,893	88.6%	2,137	8.5%
Diseases of the skin and subcutaneous tissue	82	11.0%	663	89.0%	745	3.0%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	84	2.0%	4,136	98.0%	4,220	16.7%
Total	3,359	13.3%	21,846	86.7%	25,205	

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**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Copley Hospital</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	13	26.0%	37	74.0%	50	0.4%
Diseases of the circulatory system	111	12.0%	813	88.0%	924	7.0%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	123	16.8%	609	83.2%	732	5.5%
Diseases of the ear and mastoid process	0	0.0%	308	100.0%	308	2.3%
Endocrine, nutritional and metabolic diseases	37	20.7%	142	79.3%	179	1.4%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	-	0.0%	137	100.0%	137	1.0%
Factors influencing health status and contact with health services	-	0.0%	132	100.0%	132	1.0%
Diseases of the genitourinary system	75	12.9%	508	87.1%	583	4.4%
Certain infectious and parasitic diseases	63	9.9%	575	90.1%	638	4.8%
Injury, poisoning and certain other consequences of external causes	84	2.1%	3,846	97.9%	3,930	29.7%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	3	0.0%
Mental, behavioral and neurodevelopmental disorders	25	5.1%	463	94.9%	488	3.7%
Diseases of the musculoskeletal system and connective tissue	21	2.2%	953	97.8%	974	7.4%
Neoplasms	12	50.0%	12	50.0%	24	0.2%
Diseases of the nervous system	19	6.0%	298	94.0%	317	2.4%
Certain conditions originating in the perinatal period	-	0.0%	8	100.0%	8	0.1%
Pregnancy, childbirth and the puerperium	*	*	*	*	88	0.7%
Diseases of the respiratory system	139	11.8%	1,037	88.2%	1,176	8.9%
Diseases of the skin and subcutaneous tissue	37	7.7%	441	92.3%	478	3.6%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	39	1.9%	2,023	98.1%	2,062	15.6%
Total	799	6.0%	12,432	94.0%	13,231	

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**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Gifford Medical Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	13	44.8%	16	55.2%	29	0.4%
Diseases of the circulatory system	132	21.9%	470	78.1%	602	8.0%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	105	21.5%	384	78.5%	489	6.5%
Diseases of the ear and mastoid process	*	*	*	*	150	2.0%
Endocrine, nutritional and metabolic diseases	35	33.3%	70	66.7%	105	1.4%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	-	0.0%	61	100.0%	61	0.8%
Factors influencing health status and contact with health services	*	*	*	*	141	1.9%
Diseases of the genitourinary system	49	13.8%	306	86.2%	355	4.7%
Certain infectious and parasitic diseases	78	23.8%	250	76.2%	328	4.4%
Injury, poisoning and certain other consequences of external causes	39	2.2%	1,745	97.8%	1,784	23.8%
Congenital malformations, deformations and chromosomal abnormalities	-	0.0%	9	100.0%	9	0.1%
Mental, behavioral and neurodevelopmental disorders	27	9.0%	272	91.0%	299	4.0%
Diseases of the musculoskeletal system and connective tissue	25	4.8%	493	95.2%	518	6.9%
Neoplasms	11	64.7%	6	35.3%	17	0.2%
Diseases of the nervous system	24	8.9%	247	91.1%	271	3.6%
Certain conditions originating in the perinatal period	-	0.0%	9	100.0%	9	0.1%
Pregnancy, childbirth and the puerperium	-	0.0%	83	100.0%	83	1.1%
Diseases of the respiratory system	98	12.9%	663	87.1%	761	10.2%
Diseases of the skin and subcutaneous tissue	16	6.0%	252	94.0%	268	3.6%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	43	3.6%	1,160	96.4%	1,203	16.1%
Total	698	9.3%	6,784	90.7%	7,482	

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**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Grace Cottage Family Health &amp; Hospital</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	*	*	*	*	18	0.5%
Diseases of the circulatory system	7	2.5%	270	97.5%	277	7.5%
Dental diseases	-	0.0%	-	0.0%	0	0.0%
Diseases of the digestive system	*	*	*	*	191	5.2%
Diseases of the ear and mastoid process	-	0.0%	56	100.0%	56	1.5%
Endocrine, nutritional and metabolic diseases	*	*	*	*	57	1.5%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	0	0.0%	39	100.0%	39	1.1%
Factors influencing health status and contact with health services	*	*	*	*	29	0.8%
Diseases of the genitourinary system	12	7.5%	148	92.5%	160	4.3%
Certain infectious and parasitic diseases	8	4.9%	155	95.1%	163	4.4%
Injury, poisoning and certain other consequences of external causes	*	*	*	*	1,164	31.5%
Congenital malformations, deformations and chromosomal abnormalities	-	0.0%	-	0.0%	-	0.0%
Mental, behavioral and neurodevelopmental disorders	*	*	*	*	140	3.8%
Diseases of the musculoskeletal system and connective tissue	*	*	*	*	222	6.0%
Neoplasms	-	0.0%	9	100.0%	9	0.2%
Diseases of the nervous system	-	0.0%	84	100.0%	84	2.3%
Certain conditions originating in the perinatal period	-	0.0%	-	0.0%	-	0.0%
Pregnancy, childbirth and the puerperium	0	0.0%	8	100.0%	8	0.2%
Diseases of the respiratory system	24	6.4%	350	93.6%	374	10.1%
Diseases of the skin and subcutaneous tissue	*	*	*	*	132	3.6%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	*	*	*	*	570	15.4%
Total	74	2.0%	3,619	98.0%	3,693	

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**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Mt. Ascutney Hospital and Health Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	*	*	*	*	14	0.2%
Diseases of the circulatory system	31	7.5%	380	92.5%	411	6.8%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	32	6.5%	464	93.5%	496	8.2%
Diseases of the ear and mastoid process	-	0.0%	138	100.0%	138	2.3%
Endocrine, nutritional and metabolic diseases	13	11.6%	99	88.4%	112	1.8%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	-	0.0%	53	100.0%	53	0.9%
Factors influencing health status and contact with health services	*	*	*	*	118	1.9%
Diseases of the genitourinary system	14	4.4%	301	95.6%	315	5.2%
Certain infectious and parasitic diseases	19	6.1%	295	93.9%	314	5.2%
Injury, poisoning and certain other consequences of external causes	7	0.5%	1,456	99.5%	1,463	24.2%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	2	0.0%
Mental, behavioral and neurodevelopmental disorders	*	*	*	*	211	3.5%
Diseases of the musculoskeletal system and connective tissue	8	1.9%	423	98.1%	431	7.1%
Neoplasms	*	*	*	*	15	0.2%
Diseases of the nervous system	9	5.4%	158	94.6%	167	2.8%
Certain conditions originating in the perinatal period	-	0.0%	-	0.0%	-	0.0%
Pregnancy, childbirth and the puerperium	-	0.0%	35	100.0%	35	0.6%
Diseases of the respiratory system	28	4.1%	648	95.9%	676	11.2%
Diseases of the skin and subcutaneous tissue	8	3.0%	256	97.0%	264	4.4%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	15	1.8%	807	98.2%	822	13.6%
Total	193	3.2%	5,864	96.8%	6,057	

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**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>North Country Hospital</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	10	17.9%	46	82.1%	56	0.4%
Diseases of the circulatory system	166	14.4%	988	85.6%	1,154	8.0%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	110	10.8%	904	89.2%	1,014	7.0%
Diseases of the ear and mastoid process	0	0.0%	380	100.0%	380	2.6%
Endocrine, nutritional and metabolic diseases	38	15.0%	215	85.0%	253	1.7%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	0	0.0%	194	100.0%	194	1.3%
Factors influencing health status and contact with health services	*	*	*	*	176	1.2%
Diseases of the genitourinary system	46	7.3%	584	92.7%	630	4.4%
Certain infectious and parasitic diseases	70	11.7%	526	88.3%	596	4.1%
Injury, poisoning and certain other consequences of external causes	55	1.7%	3,250	98.3%	3,305	22.8%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	3	0.0%
Mental, behavioral and neurodevelopmental disorders	12	2.9%	408	97.1%	420	2.9%
Diseases of the musculoskeletal system and connective tissue	7	0.5%	1,287	99.5%	1,294	8.9%
Neoplasms	*	*	*	*	37	0.3%
Diseases of the nervous system	17	3.8%	433	96.2%	450	3.1%
Certain conditions originating in the perinatal period	*	*	*	*	3	0.0%
Pregnancy, childbirth and the puerperium	*	*	*	*	80	0.6%
Diseases of the respiratory system	131	8.4%	1,434	91.6%	1,565	10.8%
Diseases of the skin and subcutaneous tissue	18	3.6%	482	96.4%	500	3.5%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	44	1.9%	2,315	98.1%	2,359	16.3%
Total	732	5.1%	13,737	94.9%	14,469	

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**Table E-3**  
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**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Northeastern Vermont Regional Hospital</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	12	28.6%	30	71.4%	42	0.3%
Diseases of the circulatory system	171	18.9%	736	81.1%	907	7.0%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	179	18.5%	791	81.5%	970	7.5%
Diseases of the ear and mastoid process	0	0.0%	227	100.0%	227	1.8%
Endocrine, nutritional and metabolic diseases	51	17.9%	234	82.1%	285	2.2%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	-	0.0%	98	100.0%	98	0.8%
Factors influencing health status and contact with health services	-	0.0%	44	100.0%	44	0.3%
Diseases of the genitourinary system	49	7.2%	629	92.8%	678	5.3%
Certain infectious and parasitic diseases	130	20.3%	510	79.7%	640	5.0%
Injury, poisoning and certain other consequences of external causes	101	3.2%	3,104	96.8%	3,205	24.9%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	1	0.0%
Mental, behavioral and neurodevelopmental disorders	73	12.8%	497	87.2%	570	4.4%
Diseases of the musculoskeletal system and connective tissue	28	3.3%	815	96.7%	843	6.5%
Neoplasms	16	42.1%	22	57.9%	38	0.3%
Diseases of the nervous system	29	6.7%	407	93.3%	436	3.4%
Certain conditions originating in the perinatal period	*	*	*	*	3	0.0%
Pregnancy, childbirth and the puerperium	9	4.8%	177	95.2%	186	1.4%
Diseases of the respiratory system	131	10.6%	1,109	89.4%	1,240	9.6%
Diseases of the skin and subcutaneous tissue	28	6.5%	406	93.5%	434	3.4%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	23	1.1%	2,011	98.9%	2,034	15.8%
Total	1,030	8.0%	11,851	92.0%	12,881	

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**Table E-3**  
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**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Northwestern Medical Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	26	23.0%	87	77.0%	113	0.5%
Diseases of the circulatory system	406	19.5%	1,679	80.5%	2,085	9.2%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	257	13.3%	1,682	86.7%	1,939	8.6%
Diseases of the ear and mastoid process	0	0.0%	356	100.0%	356	1.6%
Endocrine, nutritional and metabolic diseases	77	18.5%	339	81.5%	416	1.8%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	*	*	*	*	157	0.7%
Factors influencing health status and contact with health services	-	0.0%	189	100.0%	189	0.8%
Diseases of the genitourinary system	126	11.1%	1,014	88.9%	1,140	5.1%
Certain infectious and parasitic diseases	195	17.1%	945	82.9%	1,140	5.1%
Injury, poisoning and certain other consequences of external causes	112	2.5%	4,406	97.5%	4,518	20.0%
Congenital malformations, deformations and chromosomal abnormalities	-	0.0%	6	100.0%	6	0.0%
Mental, behavioral and neurodevelopmental disorders	41	5.8%	670	94.2%	711	3.2%
Diseases of the musculoskeletal system and connective tissue	22	1.4%	1,584	98.6%	1,606	7.1%
Neoplasms	23	41.8%	32	58.2%	55	0.2%
Diseases of the nervous system	51	6.5%	737	93.5%	788	3.5%
Certain conditions originating in the perinatal period	-	0.0%	8	100.0%	8	0.0%
Pregnancy, childbirth and the puerperium	*	*	*	*	276	1.2%
Diseases of the respiratory system	337	13.0%	2,256	87.0%	2,593	11.5%
Diseases of the skin and subcutaneous tissue	47	6.7%	651	93.3%	698	3.1%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	64	1.7%	3,704	98.3%	3,768	16.7%
Total	1,789	7.9%	20,773	92.1%	22,562	

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**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Porter Medical Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	5	10.0%	45	90.0%	50	0.2%
Diseases of the circulatory system	113	9.9%	1,031	90.1%	1,144	5.3%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	87	8.3%	957	91.7%	1,044	4.8%
Diseases of the ear and mastoid process	0	0.0%	789	100.0%	789	3.7%
Endocrine, nutritional and metabolic diseases	18	8.0%	207	92.0%	225	1.0%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	-	0.0%	350	100.0%	350	1.6%
Factors influencing health status and contact with health services	-	0.0%	1,008	100.0%	1,008	4.7%
Diseases of the genitourinary system	22	2.7%	788	97.3%	810	3.8%
Certain infectious and parasitic diseases	147	17.0%	718	83.0%	865	4.0%
Injury, poisoning and certain other consequences of external causes	34	0.8%	4,408	99.2%	4,442	20.6%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	3	0.0%
Mental, behavioral and neurodevelopmental disorders	18	5.1%	334	94.9%	352	1.6%
Diseases of the musculoskeletal system and connective tissue	13	0.7%	1,926	99.3%	1,939	9.0%
Neoplasms	7	23.3%	23	76.7%	30	0.1%
Diseases of the nervous system	15	3.2%	457	96.8%	472	2.2%
Certain conditions originating in the perinatal period	*	*	*	*	3	0.0%
Pregnancy, childbirth and the puerperium	1	0.8%	129	99.2%	130	0.6%
Diseases of the respiratory system	107	4.7%	2,152	95.3%	2,259	10.5%
Diseases of the skin and subcutaneous tissue	14	1.5%	904	98.5%	918	4.3%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	38	0.8%	4,670	99.2%	4,708	21.9%
Total	639	3.0%	20,902	97.0%	21,541	

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables. Suppressed cells are marked with \*.

**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Rutland Regional Medical Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	44	36.7%	76	63.3%	120	0.4%
Diseases of the circulatory system	805	27.0%	2,172	73.0%	2,977	9.6%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	531	25.5%	1,555	74.5%	2,086	6.7%
Diseases of the ear and mastoid process	5	2.2%	224	97.8%	229	0.7%
Endocrine, nutritional and metabolic diseases	211	32.7%	434	67.3%	645	2.1%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	*	*	*	*	194	0.6%
Factors influencing health status and contact with health services	23	10.5%	197	89.5%	220	0.7%
Diseases of the genitourinary system	281	18.8%	1,214	81.2%	1,495	4.8%
Certain infectious and parasitic diseases	754	31.6%	1,629	68.4%	2,383	7.7%
Injury, poisoning and certain other consequences of external causes	408	6.6%	5,757	93.4%	6,165	19.9%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	8	0.0%
Mental, behavioral and neurodevelopmental disorders	764	36.2%	1,349	63.8%	2,113	6.8%
Diseases of the musculoskeletal system and connective tissue	153	7.6%	1,864	92.4%	2,017	6.5%
Neoplasms	125	70.6%	52	29.4%	177	0.6%
Diseases of the nervous system	126	11.0%	1,020	89.0%	1,146	3.7%
Certain conditions originating in the perinatal period	-	0.0%	25	100.0%	25	0.1%
Pregnancy, childbirth and the puerperium	10	2.4%	410	97.6%	420	1.4%
Diseases of the respiratory system	509	21.5%	1,853	78.5%	2,362	7.6%
Diseases of the skin and subcutaneous tissue	97	10.1%	860	89.9%	957	3.1%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	87	1.7%	5,111	98.3%	5,198	16.8%
Total	4,937	16.0%	26,000	84.0%	30,937	

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables. Suppressed cells are marked with \*.

**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Southwestern Vermont Medical Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	37	25.3%	109	74.7%	146	0.7%
Diseases of the circulatory system	413	19.7%	1,687	80.3%	2,100	9.4%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	318	21.4%	1,166	78.6%	1,484	6.7%
Diseases of the ear and mastoid process	*	*	*	*	225	1.0%
Endocrine, nutritional and metabolic diseases	113	32.8%	232	67.2%	345	1.5%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	*	*	*	*	150	0.7%
Factors influencing health status and contact with health services	-	0.0%	1,305	100.0%	1,305	5.9%
Diseases of the genitourinary system	118	11.4%	919	88.6%	1,037	4.7%
Certain infectious and parasitic diseases	431	28.8%	1,065	71.2%	1,496	6.7%
Injury, poisoning and certain other consequences of external causes	295	7.4%	3,717	92.6%	4,012	18.0%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	5	0.0%
Mental, behavioral and neurodevelopmental disorders	62	6.4%	913	93.6%	975	4.4%
Diseases of the musculoskeletal system and connective tissue	56	3.2%	1,671	96.8%	1,727	7.8%
Neoplasms	59	56.2%	46	43.8%	105	0.5%
Diseases of the nervous system	83	10.8%	685	89.2%	768	3.5%
Certain conditions originating in the perinatal period	-	0.0%	6	100.0%	6	0.0%
Pregnancy, childbirth and the puerperium	*	*	*	*	311	1.4%
Diseases of the respiratory system	367	24.2%	1,149	75.8%	1,516	6.8%
Diseases of the skin and subcutaneous tissue	55	9.8%	504	90.2%	559	2.5%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	36	0.9%	3,952	99.1%	3,988	17.9%
Total	2,454	11.0%	19,806	89.0%	22,260	

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables. Suppressed cells are marked with \*.

**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>Springfield Hospital</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	*	*	*	*	52	0.4%
Diseases of the circulatory system	93	9.0%	945	91.0%	1,038	8.0%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	84	8.5%	903	91.5%	987	7.6%
Diseases of the ear and mastoid process	-	0.0%	247	100.0%	247	1.9%
Endocrine, nutritional and metabolic diseases	41	13.1%	271	86.9%	312	2.4%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	-	0.0%	98	100.0%	98	0.8%
Factors influencing health status and contact with health services	-	0.0%	160	100.0%	160	1.2%
Diseases of the genitourinary system	35	6.3%	518	93.7%	553	4.3%
Certain infectious and parasitic diseases	46	7.5%	571	92.5%	617	4.8%
Injury, poisoning and certain other consequences of external causes	56	1.6%	3,379	98.4%	3,435	26.5%
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	3	0.0%
Mental, behavioral and neurodevelopmental disorders	96	14.4%	572	85.6%	668	5.2%
Diseases of the musculoskeletal system and connective tissue	12	1.7%	684	98.3%	696	5.4%
Neoplasms	*	*	*	*	24	0.2%
Diseases of the nervous system	14	3.5%	387	96.5%	401	3.1%
Certain conditions originating in the perinatal period	-	0.0%	12	100.0%	12	0.1%
Pregnancy, childbirth and the puerperium	-	0.0%	102	100.0%	102	0.8%
Diseases of the respiratory system	114	8.6%	1,208	91.4%	1,322	10.2%
Diseases of the skin and subcutaneous tissue	21	4.0%	499	96.0%	520	4.0%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	24	1.4%	1,671	98.6%	1,695	13.1%
Total	644	5.0%	12,298	95.0%	12,942	

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables. Suppressed cells are marked with \*.

**Table E-3**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups**  
**Vermont Hospitals by Setting**

CCSR Diagnosis Groups	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
<b>University of Vermont Medical Center</b>						
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	156	43.9%	199	56.1%	355	0.6%
Diseases of the circulatory system	2,345	35.2%	4,314	64.8%	6,659	10.7%
Dental diseases	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	1,550	36.5%	2,699	63.5%	4,249	6.8%
Diseases of the ear and mastoid process	19	4.3%	426	95.7%	445	0.7%
Endocrine, nutritional and metabolic diseases	498	41.7%	697	58.3%	1,195	1.9%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	20	3.9%	492	96.1%	512	0.8%
Factors influencing health status and contact with health services	27	4.5%	575	95.5%	602	1.0%
Diseases of the genitourinary system	491	15.6%	2,652	84.4%	3,143	5.1%
Certain infectious and parasitic diseases	1,093	32.3%	2,286	67.7%	3,379	5.4%
Injury, poisoning and certain other consequences of external causes	1,736	14.5%	10,248	85.5%	11,984	19.3%
Congenital malformations, deformations and chromosomal abnormalities	23	59.0%	16	41.0%	39	0.1%
Mental, behavioral and neurodevelopmental disorders	719	17.0%	3,505	83.0%	4,224	6.8%
Diseases of the musculoskeletal system and connective tissue	339	8.5%	3,653	91.5%	3,992	6.4%
Neoplasms	472	78.3%	131	21.7%	603	1.0%
Diseases of the nervous system	509	17.8%	2,352	82.2%	2,861	4.6%
Certain conditions originating in the perinatal period	-	0.0%	52	100.0%	52	0.1%
Pregnancy, childbirth and the puerperium	44	6.8%	602	93.2%	646	1.0%
Diseases of the respiratory system	1,036	26.1%	2,930	73.9%	3,966	6.4%
Diseases of the skin and subcutaneous tissue	174	10.9%	1,424	89.1%	1,598	2.6%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	216	1.9%	11,407	98.1%	11,623	18.7%
Total	11,467	18.5%	50,660	81.5%	62,127	

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables. Suppressed cells are marked with \*.

**Table E-4**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Age Group**

<u>Vermont Hospitals</u>	<u>Age Group</u>								<u>Total</u>	
	<u>Under 15</u>	<u>15-44</u>	<u>45-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80+</u>	<u>0-64</u>		<u>65+</u>
Brattleboro Memorial Hospital	1,568	4,928	2,940	752	672	592	895	9,436	2,911	12,347
Central Vermont Medical Center	2,923	8,230	5,230	1,356	1,270	1,067	1,770	16,383	5,463	21,846
Copley Hospital	1,947	4,820	2,863	678	673	567	884	9,630	2,802	12,432
Gifford Medical Center	1,020	2,616	1,480	385	394	349	540	5,116	1,668	6,784
Grace Cottage Family Health & Hospital	468	1,069	868	287	284	237	406	2,405	1,214	3,619
Mt. Ascutney Hospital and Health Center	756	1,840	1,396	389	392	436	655	3,992	1,872	5,864
North Country Hospital	1,987	5,065	3,145	801	790	781	1,168	10,197	3,540	13,737
Northeastern Vermont Regional Hospital	1,679	4,816	2,614	672	673	533	864	9,109	2,742	11,851
Northwestern Medical Center	3,179	7,913	5,018	1,156	1,035	1,003	1,469	16,110	4,663	20,773
Porter Medical Center	2,590	8,307	4,745	1,331	1,292	1,042	1,595	15,642	5,260	20,902
Rutland Regional Medical Center	3,014	9,755	6,519	1,637	1,708	1,360	2,007	19,288	6,712	26,000
Southwestern Vermont Medical Center	2,365	7,021	4,802	1,336	1,218	1,105	1,959	14,188	5,618	19,806
Springfield Hospital	1,700	4,386	3,032	787	685	651	1,057	9,118	3,180	12,298
University of Vermont Medical Center	6,311	21,919	11,461	2,652	2,580	2,094	3,643	39,691	10,969	50,660
Total	31,507	92,685	56,113	14,219	13,666	11,817	18,912	180,305	58,614	238,919

ED visits include all hospital records that originated in the ED and did not result in hospital admission.  
 Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables.

**Table E-5**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Principal Payer**

Vermont Hospital	Principal Payer														Total	
	Medicare		Medicaid		Other Govt		Workers Comp.		Private Insurance		Other		Unknown		N	Col%
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%		
Brattleboro Memorial Hospital	2,509	20.3%	4,408	35.7%	76	0.6%	116	0.9%	4,230	34.3%	1,008	8.2%	-	0.0%	12,347	5.2%
Central Vermont Medical Center	6,256	28.6%	7,022	32.1%	502	2.3%	155	0.7%	6,652	30.4%	747	3.4%	512	2.3%	21,846	9.1%
Copley Hospital	3,123	25.1%	4,374	35.2%	191	1.5%	171	1.4%	4,068	32.7%	505	4.1%	-	0.0%	12,432	5.2%
Gifford Medical Center	1,815	26.8%	2,434	35.9%	50	0.7%	*	*	2,015	29.7%	342	5.0%	*	*	6,784	2.8%
Grace Cottage Family Health & Hospital	887	24.5%	991	27.4%	67	1.9%	44	1.2%	1,440	39.8%	190	5.3%	-	0.0%	3,619	1.5%
Mt. Ascutney Hospital and Health Center	2,081	35.5%	1,593	27.2%	-	0.0%	94	1.6%	1,781	30.4%	275	4.7%	40	0.7%	5,864	2.5%
North Country Hospital	4,110	29.9%	5,559	40.5%	409	3.0%	287	2.1%	2,953	21.5%	377	2.7%	42	0.3%	13,737	5.7%
Northeastern Vermont Regional Hospital	3,294	27.8%	4,735	40.0%	127	1.1%	155	1.3%	2,983	25.2%	557	4.7%	-	0.0%	11,851	5.0%
Northwestern Medical Center	5,576	26.8%	7,445	35.8%	251	1.2%	328	1.6%	5,971	28.7%	1,202	5.8%	-	0.0%	20,773	8.7%
Porter Medical Center	5,369	25.7%	5,338	25.5%	399	1.9%	334	1.6%	8,168	39.1%	1,060	5.1%	234	1.1%	20,902	8.7%
Rutland Regional Medical Center	8,395	32.3%	8,676	33.4%	612	2.4%	*	*	6,941	26.7%	934	3.6%	*	*	26,000	10.9%
Southwestern Vermont Medical Center	6,334	32.0%	6,593	33.3%	442	2.2%	285	1.4%	5,605	28.3%	547	2.8%	-	0.0%	19,806	8.3%
Springfield Hospital	3,873	31.5%	4,339	35.3%	152	1.2%	166	1.3%	3,168	25.8%	600	4.9%	-	0.0%	12,298	5.1%
University of Vermont Medical Center	12,886	25.4%	14,389	28.4%	1,377	2.7%	169	0.3%	18,805	37.1%	2,027	4.0%	1,007	2.0%	50,660	21.2%
<b>Total</b>	<b>66,508</b>	<b>27.8%</b>	<b>77,896</b>	<b>32.6%</b>	<b>4,655</b>	<b>1.9%</b>	<b>2,838</b>	<b>1.2%</b>	<b>74,780</b>	<b>31.3%</b>	<b>10,371</b>	<b>4.3%</b>	<b>1,871</b>	<b>0.8%</b>	<b>238,919</b>	<b>100.0%</b>

"Other" payer includes self-pay, no charge, and other sources of payment.

ED visits include all hospital records that originated in the ED and did not result in hospital admission.

Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables.

Suppressed cells are marked with \*.



**Table E-6**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups by Principal Payer**

CCSR Diagnosis Groups	Principal Payer														Total	
	Medicare		Medicaid		Other Govt		Workers Comp.		Private Insurance		Other		Unknown			
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Col%
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	460	55.4%	136	16.4%	20	2.4%	1	0.1%	196	23.6%	18	2.2%	-	0.0%	831	0.3%
Diseases of the circulatory system	7,748	42.6%	3,543	19.5%	453	2.5%	44	0.2%	5,805	31.9%	552	3.0%	50	0.3%	18,195	7.6%
Dental diseases	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	3,900	27.2%	4,745	33.0%	278	1.9%	21	0.1%	4,583	31.9%	802	5.6%	32	0.2%	14,361	6.0%
Diseases of the ear and mastoid process	525	13.4%	1,983	50.5%	62	1.6%	2	0.1%	1,188	30.2%	151	3.8%	17	0.4%	3,928	1.6%
Endocrine, nutritional and metabolic diseases	1,581	45.8%	893	25.9%	63	1.8%	2	0.1%	815	23.6%	87	2.5%	10	0.3%	3,451	1.4%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	571	24.7%	734	31.8%	41	1.8%	27	1.2%	821	35.6%	104	4.5%	10	0.4%	2,308	1.0%
Factors influencing health status and contact with health services	1,062	23.9%	1,563	35.2%	65	1.5%	121	2.7%	1,306	29.4%	246	5.5%	83	1.9%	4,446	1.9%
Diseases of the genitourinary system	3,707	33.4%	2,892	26.0%	245	2.2%	11	0.1%	3,762	33.9%	460	4.1%	29	0.3%	11,106	4.6%
Certain infectious and parasitic diseases	2,930	26.4%	3,962	35.7%	271	2.4%	12	0.1%	3,481	31.3%	420	3.8%	30	0.3%	11,106	4.6%
Injury, poisoning and certain other consequences of external causes	12,508	23.1%	16,081	29.7%	947	1.7%	2,061	3.8%	18,729	34.5%	2,841	5.2%	1,042	1.9%	54,209	22.7%
Congenital malformations, deformations and chromosomal abnormalities	9	13.8%	28	43.1%	1	1.5%	-	0.0%	26	40.0%	1	1.5%	-	0.0%	65	0.0%
Mental, behavioral and neurodevelopmental disorders	2,347	20.7%	5,864	51.7%	148	1.3%	3	0.0%	2,317	20.4%	621	5.5%	37	0.3%	11,337	4.7%
Diseases of the musculoskeletal system and connective tissue	5,863	31.9%	5,107	27.8%	409	2.2%	363	2.0%	5,600	30.5%	811	4.4%	230	1.3%	18,383	7.7%
Neoplasms	248	51.7%	70	14.6%	12	2.5%	1	0.2%	136	28.3%	10	2.1%	3	0.6%	480	0.2%
Diseases of the nervous system	2,496	29.3%	2,821	33.1%	164	1.9%	45	0.5%	2,594	30.5%	349	4.1%	45	0.5%	8,514	3.6%
Certain conditions originating in the perinatal period	-	0.0%	77	55.0%	2	1.4%	-	0.0%	48	34.3%	13	9.3%	-	0.0%	140	0.1%
Pregnancy, childbirth and the puerperium	97	3.6%	1,605	58.9%	27	1.0%	7	0.3%	873	32.0%	95	3.5%	21	0.8%	2,725	1.1%
Diseases of the respiratory system	4,299	21.8%	8,455	42.8%	396	2.0%	7	0.0%	5,781	29.3%	759	3.8%	45	0.2%	19,742	8.3%
Diseases of the skin and subcutaneous tissue	1,968	24.8%	3,114	39.3%	139	1.8%	33	0.4%	2,257	28.5%	379	4.8%	31	0.4%	7,921	3.3%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	14,189	0.0%	14,223	0.0%	912	0.0%	77	0.0%	14,462	0.0%	1,652	0.0%	156	0.0%	45,671	19.1%
<b>Total</b>	<b>66,508</b>	<b>27.8%</b>	<b>77,896</b>	<b>32.6%</b>	<b>4,655</b>	<b>1.9%</b>	<b>2,838</b>	<b>1.2%</b>	<b>74,780</b>	<b>31.3%</b>	<b>10,371</b>	<b>4.3%</b>	<b>1,871</b>	<b>0.8%</b>	<b>238,919</b>	<b>100.0%</b>

ED visits include all hospital records that originated in the ED and did not result in hospital admission. Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables.

**Table E-7**  
**2022 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents**  
**In-migration by Vermont Hospital**

<u>Vermont Hospital</u>	<u>Vermont Residents</u>		<u>Non-Vermonters</u>		<u>Total for Vermont Hospitals</u>	
	<u>Visits</u>	<u>Total Charges</u>	<u>Visits</u>	<u>Total Charges</u>	<u>Visits</u>	<u>Total Charges</u>
Brattleboro Memorial Hospital	9,709	\$ 36,418,548	2,638	\$ 9,933,608	12,347	\$ 46,352,155
Central Vermont Medical Center	20,713	\$ 59,065,506	1,133	\$ 3,108,603	21,846	\$ 62,174,109
Copley Hospital	11,011	\$ 22,985,102	1,421	\$ 2,963,504	12,432	\$ 25,948,606
Gifford Medical Center	6,477	\$ 24,705,337	307	\$ 1,110,692	6,784	\$ 25,816,029
Grace Cottage Family Health & Hospital	3,111	\$ 9,640,194	508	\$ 1,446,954	3,619	\$ 11,087,148
Mt. Ascutney Hospital and Health Center	4,770	\$ 15,168,490	1,094	\$ 3,704,369	5,864	\$ 18,872,859
North Country Hospital	13,059	\$ 45,147,624	678	\$ 2,526,999	13,737	\$ 47,674,623
Northeastern Vermont Regional Hospital	11,159	\$ 33,706,563	692	\$ 2,095,080	11,851	\$ 35,801,643
Northwestern Medical Center	20,178	\$ 48,347,208	595	\$ 1,394,415	20,773	\$ 49,741,623
Porter Medical Center	18,634	\$ 35,621,703	2,268	\$ 3,418,454	20,902	\$ 39,040,156
Rutland Regional Medical Center	23,398	\$ 75,064,695	2,602	\$ 9,137,469	26,000	\$ 84,202,165
Southwestern Vermont Medical Center	14,168	\$ 45,668,554	5,638	\$ 19,163,920	19,806	\$ 64,832,474
Springfield Hospital	10,183	\$ 30,939,947	2,115	\$ 6,752,134	12,298	\$ 37,692,081
University of Vermont Medical Center	45,735	\$ 239,866,657	4,925	\$ 26,635,152	50,660	\$ 266,501,809
Total	212,305	\$ 722,346,128	26,614	\$ 93,391,352	238,919	\$ 815,737,481
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Total for 2021	192,846	\$ 617,889,872	23,321	\$ 75,561,590	216,167	\$ 693,451,462
Total for 2020	169,305	\$ 489,834,794	18,519	\$ 55,766,345	187,824	\$ 545,601,139
Total for 2019	211,996	\$ 521,435,439	24,522	\$ 66,300,852	236,518	\$ 587,736,291
Total for 2018	211,431	\$ 489,779,713	24,401	\$ 62,460,585	235,832	\$ 552,240,299

ED visits include all hospital records that originated in the ED and did not result in hospital admission.  
 Inpatient discharges originating in the ED are reported in the Vermont Hospital Inpatient tables.  
 Numbers of ED visits exclude any records with missing or invalid diagnosis codes.  
 Inpatient charges of \$100 or less and outpatient charges of \$0 are considered missing.  
 Charge data should be used with caution. See discussion in Appendix A for details.

# **Outpatient Procedures and Services**

**Table O-1**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by State of Residence**

<b>Vermont Hospital</b>	<b>Vermont Residents</b>		<b>Non-residents</b>		<b>All Outpatient Procedures</b>	
	N	Row%	N	Row%	N	Col%
Brattleboro Memorial Hospital	4,090	83.3%	821	16.7%	4,911	3.5%
Central Vermont Medical Center	9,473	98.6%	134	1.4%	9,607	6.8%
Copley Hospital	4,520	99.0%	46	1.0%	4,566	3.2%
Gifford Medical Center	2,186	98.9%	25	1.1%	2,211	1.6%
Grace Cottage Family Health & Hospital	*	*	-	0.0%	*	*
Mt. Ascutney Hospital and Health Center	1,138	67.5%	547	32.5%	1,685	1.2%
North Country Hospital	2,784	99.1%	26	0.9%	2,810	2.0%
Northeastern Vermont Regional Hospital	4,665	91.9%	411	8.1%	5,076	3.6%
Northwestern Medical Center	5,921	98.7%	80	1.3%	6,001	4.3%
Porter Medical Center	3,687	91.1%	360	8.9%	4,047	2.9%
Rutland Regional Medical Center	19,924	95.2%	1,008	4.8%	20,932	14.9%
Southwestern Vermont Medical Center	6,378	71.2%	2,575	28.8%	8,953	6.4%
Springfield Hospital	*	*	165	14.6%	*	*
University of Vermont Medical Center	54,701	88.1%	7,376	11.9%	62,077	44.2%
Green Mountain Surgical Center	6,365	97.3%	178	2.7%	6,543	4.7%
Total	126,802	90.2%	13,752	9.8%	140,554	100.0%

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15. Suppressed cells are marked with \*.

**Table O-2**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Data Year: Five-year Comparison**

Vermont Hospital	2018	2019	2020	2021	2022
Brattleboro Memorial Hospital	4,114	4,732	3,458	4,858	4,911
Central Vermont Medical Center	9,303	9,061	7,590	9,923	9,607
Copley Hospital	4,375	4,572	4,186	4,810	4,566
Gifford Medical Center	1,614	1,920	1,723	2,151	2,211
Grace Cottage Family Health & Hospital	*	*	-	-	*
Mt. Ascutney Hospital and Health Center	*	*	1,639	1,812	*
North Country Hospital	3,549	3,303	3,357	3,355	2,810
Northeastern Vermont Regional Hospital	4,696	3,942	3,741	4,324	5,076
Northwestern Medical Center	6,418	6,099	5,049	6,012	6,001
Porter Medical Center	2,839	3,497	2,389	3,620	4,047
Rutland Regional Medical Center	19,302	21,388	21,007	20,780	20,932
Southwestern Vermont Medical Center	9,507	8,881	7,673	9,097	8,953
Springfield Hospital	2,575	2,139	1,504	1,919	1,134
University of Vermont Medical Center	60,289	65,003	51,217	58,751	62,077
Green Mountain Surgical Center	-	-	-	2,850	6,543
Total	130,228	136,196	114,533	134,262	140,554

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15.  
Suppressed cells are marked with \*.

**Table O-3**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups by Vermont Hospitals**

**CCSR Diagnosis Groups**

	BRAT	CVMC	COPL	GIFF	GRAC	MT.A.	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMC	GMSC	Total
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	26	124	*	15	*	13	28	50	105	21	233	74	*	360	52	1,109
Diseases of the circulatory system	126	170	22	34	-	20	21	33	32	67	294	205	*	2,753	*	3,788
Dental diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system	388	926	208	161	-	208	376	295	792	360	1,156	678	160	3,602	1,055	10,365
Diseases of the ear and mastoid process	-	48	*	-	-	-	8	38	57	221	1,760	*	17	1,533	-	3,685
Endocrine, nutritional and metabolic diseases	219	21	11	14	-	10	15	17	52	25	176	130	7	1,391	12	2,100
External causes of morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the eye and adnexa	219	763	49	*	-	338	*	545	395	491	429	11	-	2,774	193	6,210
Factors influencing health status and contact with health services	1,198	2,368	1,438	526	-	390	484	687	1,531	1,245	2,764	3,243	417	5,780	2,927	24,998
Diseases of the genitourinary system	198	326	138	157	-	25	188	176	263	266	1,540	618	82	7,079	343	11,399
Certain infectious and parasitic diseases	7	12	-	8	-	*	8	11	7	*	52	12	*	534	-	661
Injury, poisoning and certain other consequences of external causes	310	531	419	31	-	*	107	226	194	199	607	289	55	1,444	*	4,432
Congenital malformations, deformations and chromosomal abnormalities	*	*	*	*	-	-	*	*	14	6	31	*	-	262	12	348
Mental, behavioral and neurodevelopmental disorders	*	19	*	*	-	*	*	*	18	*	13	*	*	97	51	213
Diseases of the musculoskeletal system and connective tissue	470	1,793	1,103	339	-	185	160	799	455	354	5,277	1,195	91	9,437	271	21,929
Neoplasms	229	415	289	116	-	30	262	639	322	148	1,009	512	50	7,235	1,082	12,338
Diseases of the nervous system	111	303	448	100	-	234	423	110	152	69	1,274	731	32	3,657	177	7,821
Certain conditions originating in the perinatal period	-	*	-	-	-	-	-	*	-	2	-	-	-	7	-	21
Pregnancy, childbirth and the puerperium	689	284	276	170	-	*	221	492	92	156	651	223	*	570	26	3,852
Diseases of the respiratory system	89	520	35	*	-	36	190	225	415	128	1,292	122	129	3,736	*	6,939
Diseases of the skin and subcutaneous tissue	251	99	14	42	-	8	12	345	89	51	207	48	11	4,005	19	5,201
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	374	871	106	474	*	*	301	379	1,016	233	2,167	854	69	5,821	298	13,145
<b>Total</b>	<b>4,911</b>	<b>9,607</b>	<b>4,566</b>	<b>2,211</b>	<b>1</b>	<b>1,685</b>	<b>2,810</b>	<b>5,076</b>	<b>6,001</b>	<b>4,047</b>	<b>20,932</b>	<b>8,953</b>	<b>1,134</b>	<b>62,077</b>	<b>6,543</b>	<b>140,554</b>

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15.  
CCSR Diagnosis Groups are based on the first listed diagnosis code.  
Column headers denote hospitals: key to the hospital abbreviations can be found in Appendix K.  
Suppressed cells are marked with \*.

**Table O-4**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
**Clinical Classifications Software (CCS) High Level Procedure Groups by Vermont Hospitals**

**CCS Procedure Groups**

	BRAT	CVMC	COPL	GIFF	GRAC	MT.A.	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMC	GMSC	Total
Operations on the nervous system	96	1,321	571	297	*	475	449	398	153	81	2,674	1,383	*	9,450	182	17,571
Operations on the endocrine system	-	6	-	-	-	-	*	-	7	*	60	10	-	160	-	246
Operations on the eye	224	762	50	*	-	338	-	545	393	489	424	*	-	3,163	210	6,607
Operations on the ear	-	23	-	-	-	-	8	34	41	67	1,461	*	*	1,390	*	3,039
Operations on the nose, mouth, and pharynx	9	224	*	27	-	8	61	68	263	364	1,141	67	*	1,641	17	3,950
Operations on the respiratory system	333	927	99	201	-	94	335	477	637	10	1,878	215	160	6,886	-	12,252
Operations on the cardiovascular system	137	319	191	51	-	20	48	639	225	70	714	498	*	4,025	*	6,948
Operations on the hemic and lymphatic system	10	11	*	*	-	*	*	*	*	*	152	45	-	396	*	635
Operations on the digestive system	1,706	3,618	934	835	-	649	1,088	1,064	2,930	1,708	3,731	3,677	587	13,159	5,014	40,700
Operations on the urinary system	144	249	67	111	-	15	89	137	69	114	1,278	154	53	3,623	12	6,115
Operations on the male genital organs	18	164	35	19	-	12	48	*	*	105	224	79	14	727	-	1,474
Operations on the female genital organs	130	126	82	64	-	*	120	116	257	169	1,010	1,275	27	1,093	387	4,857
Obstetrical procedures	711	278	271	179	-	-	215	474	68	150	658	129	-	503	-	3,636
Operations on the musculoskeletal system	751	1,255	1,430	289	-	29	253	713	631	545	4,604	865	126	5,363	279	17,133
Operations on the integumentary system	642	324	831	135	-	43	89	388	316	172	923	545	54	10,498	431	15,391
Total	4,911	9,607	4,566	2,211	*	1,685	2,810	5,076	6,001	4,047	20,932	8,953	1,134	62,077	6,543	140,554

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15.

CCS procedure groups are based on primary CPT.

Column headers denote hospitals: key to the hospital abbreviations can be found in Appendix K.

Suppressed cells are marked with \*.

**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the nervous system</b>					
1 Incision & excision of CNS	-	1	-	1	-
2 Insertion, replacem, rem of extracranial ventricular shunt	18	40	14	18	19
3 Laminectomy, excision intervertebral disc	325	341	267	364	327
4 Diagnostic spinal tap	53	144	110	101	110
5 Insert cath, spinal stimulator, inject into spinal canal	4,089	3,893	3,323	3,809	3,763
6 Decompression peripheral nerve	1,532	1,570	1,218	1,658	1,606
7 Other diagnostic nervous system procedures	2,500	2,586	4,571	6,982	7,423
8 Other non-OR or closed therapeutic nerv syst procs	2,167	2,382	3,932	3,888	4,209
9 Other OR therapeutic nervous system procedures	1,665	1,867	149	151	114
Total	12,349	12,824	13,584	16,972	17,571
<b>Operations on the endocrine system</b>					
10 Thyroidectomy, partial or complete	150	158	110	127	119
11 Diagnostic endocrine procedures	69	64	41	37	43
12 Other therapeutic endocrine procedures	93	82	71	81	84
Total	312	304	222	245	246
<b>Operations on the eye</b>					
13 Corneal transplant	4	12	3	1	-
14 Glaucoma procedures	408	513	389	323	298
15 Lens & cataract procedures	4,795	4,479	3,441	4,124	4,070
16 Repair of retinal tear, detachment	278	251	221	276	386
17 Destruction of lesion of retina & choroid	82	139	132	179	145
18 Diagnostic procedures on eye	54	32	25	33	17
19 Other therapeutic procedures on eyelids, conjunctiva, cornea	509	497	317	445	341
20 Other intraocular therapeutic procedures	2,584	3,085	3,286	1,175	1,306
21 Other extraocular muscle & orbit therapeutic procedures	128	128	76	73	44
Total	8,842	9,136	7,890	6,629	6,607

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.



**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the ear</b>					
22 Tympanoplasty	97	81	58	54	39
23 Myringotomy	827	798	435	286	517
24 Mastoidectomy	24	17	18	12	13
25 Diagnostic procedures on ear	6	36	19	33	21
26 Other therapeutic ear procedures	2,213	2,225	1,935	2,274	2,449
Total	3,167	3,157	2,465	2,659	3,039
<b>Operations on the nose, mouth, and pharynx</b>					
27 Control of epistaxis	175	204	116	155	174
28 Plastic procedures on nose	267	332	233	79	64
29 Dental procedures	37	50	29	37	48
30 Tonsillectomy and/or adenoidectomy	595	743	427	363	412
31 Diagnostic procedures on nose, mouth & pharynx	2,018	2,364	1,612	2,371	2,567
32 Other non-OR therapeutic procedures on nose, mouth & pharynx	28	28	191	154	240
33 Other OR therapeutic procedures on nose, mouth & pharynx	370	399	272	521	445
Total	3,490	4,120	2,880	3,680	3,950
<b>Operations on the respiratory system</b>					
34 Tracheostomy, temporary & permanent	4	3	3	4	3
35 Tracheoscopy & laryngoscopy with biopsy	1,924	1,870	1,314	1,505	1,399
36 Lobectomy or pneumonectomy	-	-	-	-	2
37 Diagnostic bronchoscopy & biopsy of bronchus	362	391	320	372	429
38 Other diagnostic procedures on lung & bronchus	10,203	11,132	7,373	8,561	10,002
39 Incision of pleura, thoracentesis, chest drainage	182	199	183	230	282
40 Other diagnostic proc of respiratory tract & mediastinum	96	150	58	29	34
41 Other non-OR therapeutic procedures on respiratory system	21	15	17	20	26
42 Other OR therapeutic procedures on respiratory system	143	157	118	104	75
Total	12,935	13,917	9,386	10,825	12,252

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.

**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the cardiovascular system</b>					
43 Heart valve procedures	1	2	2	1	3
44 Coronary artery bypass graft (CABG)	-	-	-	1	-
45 Percutaneous transluminal coronary angioplasty (PTCA)	14	30	17	267	257
47 Diagnostic cardiac catheterization, coronary arteriography	1,082	1,012	753	756	779
48 Insert, revis, replacet, rem pacemaker or cardioverter/defib	293	267	290	233	266
49 Other OR heart procedures	13	11	17	-	1
51 Endarterectomy, vessel of head & neck	-	-	-	1	-
52 Aortic resection, replacement or anastomosis	-	2	-	-	-
53 Varicose vein stripping, lower limb	215	246	98	65	73
54 Other vascular catheterization, not heart	1,086	1,097	1,017	1,108	1,028
56 Other vascular bypass & shunt, not heart	3	4	6	3	4
57 Creat, revis, rem of arteriof fistula or cannula for dialys	290	278	215	208	214
58 Hemodialysis	30	47	17	56	23
59 Other OR procedures on vessels of head & neck	88	97	65	83	74
60 Embolectomy & endarterectomy of lower limbs	3	-	-	1	2
61 Other OR procedures on vessels other than head & neck	314	302	235	166	184
62 Other diagnostic cardiovascular procedures	696	750	562	655	753
63 Other non-OR therapeutic cardiovascular procedures	3,479	3,356	3,382	2,989	3,287
Total	7,607	7,501	6,676	6,593	6,948
<b>Operations on the hemic and lymphatic system</b>					
64 Bone marrow transplant	35	47	54	28	39
65 Bone marrow biopsy	107	303	104	151	146
66 Procedures on spleen	1	-	-	1	-
67 Other therap procedures, hemic & lymphatic system	190	226	219	401	450
Total	333	576	377	581	635

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.

**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the digestive system</b>					
68 Injection or ligation of esophageal varices	55	49	35	36	35
69 Esophageal dilatation	436	400	304	350	367
70 Upper gastrointestinal endoscopy, biopsy	5,166	5,414	3,703	6,449	6,689
71 Gastrostomy, temporary & permanent	105	110	100	102	96
72 Colostomy, temporary & permanent	1	1	1	1	1
73 Ileostomy & other enterostomy	19	20	21	16	21
75 Small bowel resection	-	-	-	2	1
76 Colonoscopy & biopsy	21,941	20,948	16,787	21,931	24,712
77 Proctoscopy & anorectal biopsy	589	600	455	679	683
78 Colorectal resection	7	8	7	17	20
80 Appendectomy	75	98	67	87	106
81 Hemorrhoid procedures	229	212	224	265	269
82 Endoscopic retrograde cannulation of pancreas (ERCP)	136	136	129	100	101
83 Biopsy of liver	-	4	3	134	119
84 Cholecystectomy & common duct exploration	919	886	781	859	796
85 Inguinal & femoral hernia repair	1,073	1,136	1,054	1,142	1,146
86 Other hernia repair	791	741	668	758	774
87 Laparoscopy	78	84	70	103	106
88 Abdominal paracentesis	382	402	480	465	486
89 Exploratory laparotomy	1	3	2	3	4
90 Excision, lysis peritoneal adhesions	-	-	-	2	-
91 Peritoneal dialysis	2,531	3,037	3,199	3,385	3,336
93 Other non-OR upper GI therapeutic procedures	22	17	15	12	13
94 Other OR upper GI therapeutic procedures	55	34	22	43	48
95 Other non-OR lower GI therapeutic procedures	34	48	66	92	85
96 Other OR lower GI therapeutic procedures	181	200	184	173	157
97 Other gastrointestinal diagnostic procedures	220	452	121	312	298
98 Other non-OR gastrointestinal therapeutic procedures	97	129	148	172	181
99 Other OR gastrointestinal therapeutic procedures	129	127	70	63	50
Total	35,272	35,296	28,716	37,753	40,700

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.

**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the urinary system</b>					
100 Endoscopy & endoscopic biopsy of the urinary tract	1,206	1,237	1,444	1,661	1,795
101 Transurethral excision, drainage, rem urinary obstruction	691	768	773	807	805
102 Ureteral catheterization	305	282	281	377	387
103 Nephrotomy & nephrostomy	114	129	146	135	151
104 Nephrectomy, partial or complete	9	20	27	21	31
106 Genitourinary incontinence procedures	183	207	157	92	108
107 Extracorporeal lithotripsy, urinary	901	841	846	896	869
108 Indwelling catheter	576	755	665	536	639
109 Procedures on the urethra	199	211	184	172	167
110 Other diagnostic procedures of urinary tract	28	66	12	85	85
111 Other non-OR therapeutic procedures of urinary tract	726	676	728	782	761
112 Other OR therapeutic procedures of urinary tract	326	315	316	273	317
Total	5,264	5,507	5,579	5,837	6,115
<b>Operations on the male genital organs</b>					
113 Transurethral resection of prostate (TURP)	156	141	126	122	132
114 Open prostatectomy	104	118	111	6	6
115 Circumcision	272	272	209	268	287
116 Diagnostic procedures, male genital	379	292	307	480	516
117 Other non-OR therapeutic procedures, male genital	145	152	132	151	169
118 Other OR therapeutic procedures, male genital	432	395	369	360	364
Total	1,488	1,370	1,254	1,387	1,474

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.

**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the female genital organs</b>					
119 Oophorectomy, unilateral & bilateral	383	399	352	379	406
120 Other operations on ovary	84	78	57	39	26
121 Ligation of fallopian tubes	118	65	31	20	11
123 Other operations on fallopian tubes	2	5	2	15	16
124 Hysterectomy, abdominal & vaginal	669	620	541	426	490
125 Other excision of cervix & uterus	335	422	244	362	374
126 Abortion (termination of pregnancy)	73	72	56	35	39
127 D&C, aspiration after delivery or abortion	184	186	148	147	176
128 Diagnostic dilatation & curettage (D&C)	34	33	27	15	21
129 Repair cystocele & rectocele, oblit of vaginal vault	102	135	131	175	180
130 Other diagnostic procedures, female organs	3,032	2,988	2,263	2,511	2,402
131 Other non-OR therapeutic procedures, female organs	575	712	594	418	407
132 Other OR therapeutic procedures, female organs	400	422	296	354	309
Total	5,991	6,137	4,742	4,896	4,857
<b>Obstetrical procedures</b>					
122 Removal of ectopic pregnancy	11	13	10	6	10
134 Cesarean section	2	-	-	-	4
135 Forceps, vacuum & breech delivery	1	1	1	2	4
137 Other procedures to assist delivery	55	46	73	58	70
138 Diagnostic amniocentesis	-	1	-	-	-
139 Fetal monitoring	4,006	3,766	3,258	3,689	3,517
140 Repair of current obstetric laceration	2	-	-	1	2
141 Other therapeutic obstetrical procedures	22	37	22	17	29
Total	4,099	3,864	3,364	3,773	3,636

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.

**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the musculoskeletal system</b>					
142 Partial excision bone	447	421	344	391	386
143 Bunionectomy or repair of toe deformities	484	514	403	374	390
144 Treatment, facial fracture or dislocation	55	64	41	54	54
145 Treatment, fracture or disloc of radius & ulna	434	576	425	476	430
146 Treatment, fracture or disloc of hip & femur	14	8	7	15	15
147 Treatment, fracture or disloc of lower extremity	535	596	532	516	510
148 Other fracture & dislocation procedure	516	503	444	537	481
149 Arthroscopy	363	345	266	179	182
150 Division of joint capsule, ligament or cartilage	62	50	58	53	49
151 Excision of semilunar cartilage of knee	967	870	748	820	821
152 Arthroplasty knee	207	340	552	825	1,098
153 Hip replacement, total & partial	34	55	414	625	837
154 Arthroplasty other than hip or knee	216	186	202	359	551
155 Arthrocentesis	5,902	6,638	6,590	5,230	5,174
156 Injections & aspirations of muscles, tendons, etc.	1,453	1,747	1,372	1,560	1,508
157 Amputation of lower extremity	125	154	170	192	168
158 Spinal fusion	119	127	72	19	34
159 Other diagnostic procedures on musculoskeletal system	61	91	48	129	137
160 Other therapeutic procedures on muscles & tendons	2,625	2,461	1,983	2,424	2,426
161 Other OR therapeutic procedures on bone	593	564	442	545	569
162 Other OR therapeutic procedures on joints	1,058	1,028	866	926	962
163 Other non-OR therapeutic procedures on musc system	29	24	59	73	72
164 Other OR therapeutic procedures on musc system	61	46	42	174	279
Total	16,360	17,408	16,080	16,496	17,133

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.

**Table O-5**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2018 - 2022**

CCS High Level Procedure Group CCS Single Level Procedure Group	2018	2019	2020	2021	2022
<b>Operations on the integumentary system</b>					
165 Breast biopsy & other diagnostic procedures on breast	1,368	1,533	1,212	1,615	1,573
166 Lumpectomy, quadrantectomy of breast	538	639	508	522	589
167 Mastectomy	120	158	145	122	158
168 Incision & drainage, skin & subcutaneous tissue	174	192	208	251	276
169 Debridement of wound, infection or burn	345	496	426	475	770
170 Excision of skin lesion	4,667	5,509	4,036	5,142	4,791
171 Suture of skin & subcutaneous tissue	580	592	525	955	822
172 Skin graft	632	642	576	421	426
173 Other diagnostic proc on skin & subcutaneous tissue	267	1,535	236	2,602	2,446
174 Other non-OR therapeutic procedures on skin & breast	3,617	3,344	3,125	3,382	2,886
175 Other OR therapeutic procedures on skin & breast	411	439	321	449	654
Total	12,719	15,079	11,318	15,936	15,391
<b>Yearly Total</b>	130,228	136,196	114,533	134,262	140,554

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary procedure code (CPT) in CCS high-level groups 1 through 15.

**Table O-6**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Age Group**

<u>Vermont Hospital</u>	<u>Age Group</u>								<u>Total</u>	
	<u>Under 15</u>	<u>15-44</u>	<u>45-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80+</u>	<u>0-64</u>		<u>65+</u>
Brattleboro Memorial Hospital	17	1,187	1,686	593	558	471	399	2,890	2,021	4,911
Central Vermont Medical Center	118	1,515	3,672	1,349	1,295	922	736	5,305	4,302	9,607
Copley Hospital	17	805	1,679	601	548	401	515	2,501	2,065	4,566
Gifford Medical Center	8	477	900	278	253	158	137	1,385	826	2,211
Grace Cottage Family Health & Hospital	-	-	-	-	-	-	*	-	*	*
Mt. Ascutney Hospital and Health Center	*	233	599	233	244	216	*	835	850	1,685
North Country Hospital	106	701	957	344	311	225	166	1,764	1,046	2,810
Northeastern Vermont Regional Hospital	109	1,015	1,748	652	641	487	424	2,872	2,204	5,076
Northwestern Medical Center	140	1,154	2,598	744	608	405	352	3,892	2,109	6,001
Porter Medical Center	156	644	1,399	572	537	426	313	2,199	1,848	4,047
Rutland Regional Medical Center	249	3,534	6,606	3,021	2,914	2,249	2,359	10,389	10,543	20,932
Southwestern Vermont Medical Center	39	1,882	3,482	1,219	1,059	727	545	5,403	3,550	8,953
Springfield Hospital	*	185	504	150	116	88	*	716	*	1,134
University of Vermont Medical Center	2,447	8,420	16,871	9,230	9,453	7,289	8,367	27,738	34,339	62,077
Green Mountain Surgical Center	23	1,184	3,529	662	551	396	198	4,736	1,807	6,543
<b>Total</b>	<b>3,459</b>	<b>22,936</b>	<b>46,230</b>	<b>19,648</b>	<b>19,088</b>	<b>14,460</b>	<b>14,733</b>	<b>72,625</b>	<b>67,929</b>	<b>140,554</b>

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15.  
 Suppressed cells are marked with \*.



**Table O-7**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Vermont Hospitals by Principal Payer**

Vermont Hospital	Principal Payer														Total	
	Medicare		Medicaid		Other Govt		Workers Comp.		Private Insurance		Other		Unknown			
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Col%
Brattleboro Memorial Hospital	1,497	30.5%	925	18.8%	39	0.8%	45	0.9%	2,377	48.4%	28	0.6%	-	0.0%	4,911	3.5%
Central Vermont Medical Center	4,236	44.1%	1,125	11.7%	223	2.3%	70	0.7%	3,863	40.2%	46	0.5%	44	0.5%	9,607	6.8%
Copley Hospital	1,393	30.5%	587	12.9%	66	1.4%	*	*	1,700	37.2%	749	16.4%	*	*	4,566	3.2%
Gifford Medical Center	793	35.9%	398	18.0%	21	0.9%	10	0.5%	957	43.3%	32	1.4%	-	0.0%	2,211	1.6%
Grace Cottage Family Health & Hospital	-	0.0%	-	0.0%	-	0.0%	-	0.0%	*	*	-	0.0%	-	0.0%	*	*
Mt. Ascutney Hospital and Health Center	847	50.3%	168	10.0%	-	0.0%	20	1.2%	645	38.3%	5	0.3%	-	0.0%	1,685	1.2%
North Country Hospital	1,129	40.2%	652	23.2%	73	2.6%	*	*	925	32.9%	10	0.4%	*	*	2,810	2.0%
Northeastern Vermont Regional Hospital	2,224	43.8%	1,014	20.0%	72	1.4%	46	0.9%	1,701	33.5%	19	0.4%	-	0.0%	5,076	3.6%
Northwestern Medical Center	2,221	37.0%	913	15.2%	91	1.5%	38	0.6%	2,672	44.5%	66	1.1%	-	0.0%	6,001	4.3%
Porter Medical Center	1,729	42.7%	470	11.6%	62	1.5%	*	*	1,716	42.4%	42	1.0%	*	*	4,047	2.9%
Rutland Regional Medical Center	11,258	53.8%	3,423	16.4%	414	2.0%	*	*	5,504	26.3%	84	0.4%	*	*	20,932	14.9%
Southwestern Vermont Medical Center	3,559	39.8%	1,395	15.6%	201	2.2%	73	0.8%	3,690	41.2%	35	0.4%	-	0.0%	8,953	6.4%
Springfield Hospital	421	37.1%	219	19.3%	8	0.7%	11	1.0%	460	40.6%	15	1.3%	-	0.0%	1,134	0.8%
University of Vermont Medical Center	36,459	58.7%	4,985	8.0%	1,430	2.3%	313	0.5%	18,518	29.8%	176	0.3%	196	0.3%	62,077	44.2%
Green Mountain Surgical Center	1,685	25.8%	442	6.8%	43	0.7%	*	*	4,093	62.6%	271	4.1%	*	*	6,543	4.7%
<b>Total</b>	<b>69,451</b>	<b>49.4%</b>	<b>16,716</b>	<b>11.9%</b>	<b>2,743</b>	<b>2.0%</b>	<b>986</b>	<b>0.7%</b>	<b>48,822</b>	<b>34.7%</b>	<b>1,578</b>	<b>1.1%</b>	<b>258</b>	<b>0.2%</b>	<b>140,554</b>	<b>100.0%</b>

"Other" payer includes self-pay, no charge, and other sources of payment.

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15.

Suppressed cells marked with \*.

**Table O-8**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups by Principal Payer**

CCSR Diagnosis Groups	Principal Payer															
	Medicare		Medicaid		Other Govt		Workers Comp.		Private Insurance		Other		Unknown		Total	
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Col%
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	603	54.4%	99	8.9%	15	1.4%	-	0.0%	388	35.0%	4	0.4%	-	0.0%	1,109	0.8%
Diseases of the circulatory system	2,320	61.2%	287	7.6%	56	1.5%	2	0.1%	1,105	29.2%	7	0.2%	11	0.3%	3,788	2.7%
Dental diseases	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Diseases of the digestive system	4,057	39.1%	1,502	14.5%	194	1.9%	40	0.4%	4,480	43.2%	80	0.8%	12	0.1%	10,365	7.4%
Diseases of the ear and mastoid process	2,654	72.0%	506	13.7%	44	1.2%	1	0.0%	474	12.9%	6	0.2%	-	0.0%	3,685	2.6%
Endocrine, nutritional and metabolic diseases	1,239	59.0%	199	9.5%	26	1.2%	1	0.0%	624	29.7%	10	0.5%	1	0.0%	2,100	1.5%
External causes of morbidity	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Diseases of the eye and adnexa	4,725	76.1%	238	3.8%	112	1.8%	1	0.0%	1,101	17.7%	24	0.4%	9	0.1%	6,210	4.4%
Factors influencing health status and contact with health services	7,479	29.9%	2,349	9.4%	444	1.8%	5	0.0%	13,653	54.6%	1,046	4.2%	22	0.1%	24,998	17.8%
Diseases of the genitourinary system	6,568	57.6%	1,327	11.6%	242	2.1%	4	0.0%	3,169	27.8%	79	0.7%	10	0.1%	11,399	8.1%
Certain infectious and parasitic diseases	539	81.5%	37	5.6%	5	0.8%	2	0.3%	75	11.3%	2	0.3%	1	0.2%	661	0.5%
Injury, poisoning and certain other consequences of external causes	1,222	27.6%	733	16.5%	102	2.3%	263	5.9%	1,986	44.8%	68	1.5%	58	1.3%	4,432	3.2%
Congenital malformations, deformations and chromosomal abnormalities	31	8.9%	109	31.3%	8	2.3%	-	0.0%	198	56.9%	1	0.3%	1	0.3%	348	0.2%
Mental, behavioral and neurodevelopmental disorders	49	23.0%	56	26.3%	15	7.0%	-	0.0%	89	41.8%	4	1.9%	-	0.0%	213	0.2%
Diseases of the musculoskeletal system and connective tissue	12,201	55.6%	2,237	10.2%	487	2.2%	535	2.4%	6,349	29.0%	39	0.2%	81	0.4%	21,929	15.6%
Neoplasms	8,423	68.3%	800	6.5%	180	1.5%	1	0.0%	2,886	23.4%	47	0.4%	1	0.0%	12,338	8.8%
Diseases of the nervous system	2,975	38.0%	1,280	16.4%	174	2.2%	99	1.3%	3,256	41.6%	22	0.3%	15	0.2%	7,821	5.6%
Certain conditions originating in the perinatal period	-	0.0%	9	42.9%	3	14.3%	-	0.0%	8	38.1%	1	4.8%	-	0.0%	21	0.0%
Pregnancy, childbirth and the puerperium	71	1.8%	1,716	44.5%	54	1.4%	3	0.1%	1,969	51.1%	35	0.9%	4	0.1%	3,852	2.7%
Diseases of the respiratory system	3,517	0.0%	1,044	0.0%	172	0.0%	5	0.0%	2,164	0.0%	27	0.0%	10	0.0%	6,939	4.9%
Diseases of the skin and subcutaneous tissue	4,372	84.1%	294	5.7%	108	2.1%	2	0.0%	420	8.1%	4	0.1%	1	0.0%	5,201	3.7%
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	6,406	48.7%	1,894	14.4%	302	2.3%	22	0.2%	4,428	33.7%	72	0.5%	21	0.2%	13,145	9.4%
<b>Total</b>	<b>69,451</b>	<b>49.4%</b>	<b>16,716</b>	<b>11.9%</b>	<b>2,743</b>	<b>2.0%</b>	<b>986</b>	<b>0.7%</b>	<b>48,822</b>	<b>34.7%</b>	<b>1,578</b>	<b>1.1%</b>	<b>258</b>	<b>0.2%</b>	<b>140,554</b>	

"Other" payer includes self-pay, no charge, and other sources of payment.

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15.

CCSR Diagnosis Groups are based on the first listed diagnosis code.

**Table O-9**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents**  
**Clinical Classifications Software (CCS) High Level Procedure Groups by Principal Payer**

CCS High Level Procedure Groups	Principal Payer															
	Medicare		Medicaid		Other Govt		Workers Comp.		Private Insurance		Other		Unknown		Total	
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Col%
Operations on the nervous system	7,533	42.9%	2,522	14.4%	416	2.4%	359	2.0%	6,623	37.7%	47	0.3%	71	0.4%	17,571	12.5%
Operations on the endocrine system	94	38.2%	22	8.9%	3	1.2%	-	0.0%	127	51.6%	-	0.0%	-	0.0%	246	0.2%
Operations on the eye	5,019	76.0%	255	3.9%	117	1.8%	1	0.0%	1,170	17.7%	36	0.5%	9	0.1%	6,607	4.7%
Operations on the ear	2,236	73.6%	396	13.0%	39	1.3%	-	0.0%	364	12.0%	4	0.1%	-	0.0%	3,039	2.2%
Operations on the nose, mouth, and pharynx	2,142	54.2%	698	17.7%	88	2.2%	1	0.0%	1,002	25.4%	16	0.4%	3	0.1%	3,950	2.8%
Operations on the respiratory system	6,210	50.7%	1,592	13.0%	348	2.8%	10	0.1%	3,992	32.6%	75	0.6%	25	0.2%	12,252	8.7%
Operations on the cardiovascular system	4,233	60.9%	641	9.2%	116	1.7%	4	0.1%	1,930	27.8%	13	0.2%	11	0.2%	6,948	4.9%
Operations on the hemic and lymphatic system	303	47.7%	57	9.0%	16	2.5%	-	0.0%	257	40.5%	2	0.3%	-	0.0%	635	0.5%
Operations on the digestive system	16,015	39.3%	4,200	10.3%	771	1.9%	43	0.1%	19,443	47.8%	191	0.5%	37	0.1%	40,700	29.0%
Operations on the urinary system	4,521	73.9%	447	7.3%	97	1.6%	4	0.1%	1,004	16.4%	39	0.6%	3	0.0%	6,115	4.4%
Operations on the male genital organs	693	47.0%	218	14.8%	30	2.0%	-	0.0%	509	34.5%	23	1.6%	1	0.1%	1,474	1.0%
Operations on the female genital organs	1,111	22.9%	1,161	23.9%	64	1.3%	1	0.0%	2,476	51.0%	40	0.8%	4	0.1%	4,857	3.5%
Obstetrical procedures	62	1.7%	1,658	45.6%	52	1.4%	3	0.1%	1,827	50.2%	31	0.9%	3	0.1%	3,636	2.6%
Operations on the musculoskeletal system	8,781	51.3%	1,865	10.9%	353	2.1%	545	3.2%	5,435	31.7%	72	0.4%	82	0.5%	17,133	12.2%
Operations on the integumentary system	10,498	68.2%	984	6.4%	233	1.5%	15	0.1%	2,663	17.3%	989	6.4%	9	0.1%	15,391	11.0%
Total	69,451	49.4%	16,716	11.9%	2,743	2.0%	986	0.7%	48,822	34.7%	1,578	1.1%	258	0.2%	140,554	100.0%

"Other" payer includes self-pay, no charge, and other sources of payment.

Outpatient procedures are outpatient visits that did not originate in the ED and that have a primary CPT code in CCS high-level groups 1 through 15.

CCS procedure groups are based on primary CPT.

**Table O-10**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
**Outpatient Visits and Average Charges by Vermont Hospitals**  
 Procedure Categories defined by Clinical Classifications Software for Services and Procedures

**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Insertion, replacem, rem of extracranial ventricular shunt																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	19
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 9,673	-	\$ 9,673
Laminectomy, excision intervertebral disc																
N	-	-	-	15	-	-	-	-	10	-	59	-	-	243	-	327
Avg\$	-	-	-	\$ 28,633	-	-	-	-	\$ 29,487	-	\$ 18,223	-	-	\$ 19,846	-	\$ 20,251
Diagnostic spinal tap																
N	-	11	*	*	-	-	-	-	-	-	*	*	-	88	-	110
Avg\$	-	\$ 2,950	\$ 1,945	\$ 4,300	-	-	-	-	-	-	\$ 3,341	\$ 3,247	-	\$ 3,762	-	\$ 3,659
Insert cath, spinal stimulator, inject into spinal canal																
N	-	477	62	36	-	40	*	93	-	-	812	328	*	1,906	*	3,763
Avg\$	-	\$ 1,120	\$ 1,550	\$ 3,231	-	\$ 2,495	\$ 3,918	\$ 1,838	-	-	\$ 2,076	\$ 2,638	\$ 1,339	\$ 2,498	\$ 74,080	\$ 2,239
Decompression peripheral nerve																
N	95	219	143	26	-	-	78	101	17	58	203	137	30	321	178	1,606
Avg\$	\$ 5,904	\$ 4,678	\$ 7,067	\$ 11,854	-	-	\$ 9,799	\$ 10,606	\$ 7,117	\$ 8,928	\$ 5,839	\$ 5,207	\$ 2,774	\$ 4,607	\$ 3,391	\$ 5,880
Other diagnostic nervous system procedures																
N	-	-	325	189	-	379	365	-	122	-	1,222	776	-	4,045	-	7,423
Avg\$	-	-	\$ 3,883	\$ 476	-	\$ 1,373	\$ 8,104	-	\$ 1,663	-	\$ 3,157	\$ 2,201	-	\$ 3,899	-	\$ 3,552
Other non-OR or closed therapeutic nerv syst procs																
N	-	606	31	22	*	56	-	200	-	17	359	135	*	2,776	*	4,209
Avg\$	-	\$ 4,013	\$ 1,845	\$ 4,328	\$ 3,403	\$ 5,150	-	\$ 5,109	-	\$ 116	\$ 2,912	\$ 5,137	\$ 7,308	\$ 5,684	\$ 995	\$ 5,098
Other OR therapeutic nervous system procedures																
N	*	8	9	*	-	-	*	*	*	6	15	*	*	52	*	114
Avg\$	\$ 8,132	\$ 6,842	\$ 12,091	\$ 27,752	-	-	\$ 28,791	\$ 13,051	\$ 8,045	\$ 26,004	\$ 14,449	\$ 13,545	\$ 9,158	\$ 15,707	\$ 6,425	\$ 15,190
Thyroidectomy, partial or complete																
N	-	6	-	-	-	-	-	-	6	*	14	8	-	84	-	119
Avg\$	-	\$ 17,177	-	-	-	-	-	-	\$ 16,801	\$ 32,426	\$ 18,660	\$ 26,997	-	\$ 21,009	-	\$ 20,826
Diagnostic endocrine procedures																
N	-	-	-	-	-	-	-	-	-	-	37	-	-	6	-	43
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 356	-	-	\$ 937	-	\$ 437
Other therapeutic endocrine procedures																
N	-	-	-	-	-	-	*	-	*	*	9	*	-	70	-	84
Avg\$	-	-	-	-	-	-	\$ 46,178	-	\$ 13,604	\$ 32,824	\$ 14,546	\$ 41,879	-	\$ 16,377	-	\$ 17,305
Glaucoma procedures																
N	-	-	-	-	-	-	-	-	-	-	45	-	-	253	-	298
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 1,597	-	-	\$ 5,818	-	\$ 5,181

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).  
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**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Lens & cataract procedures																
N	219	759	49	-	-	338	-	545	393	472	368	-	-	927	-	4,070
Avg\$	\$ 7,577	\$ 5,485	\$ 6,549	-	-	\$ 10,790	-	\$ 12,747	\$ 6,467	\$ 4,391	\$ 6,410	-	-	\$ 5,389	-	\$ 7,053
Repair of retinal tear, detachment																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	319	67	386
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 6,710	\$ 5,529	\$ 6,505
Destruction of lesion of retina & choroid																
N	*	-	-	-	-	-	-	-	-	-	-	-	-	141	-	145
Avg\$	\$ 1,380	-	-	-	-	-	-	-	-	-	-	-	-	\$ 2,088	-	\$ 2,069
Diagnostic procedures on eye																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	17
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 4,755	-	\$ 4,755
Other therapeutic procedures on eyelids, conjunctiva, cornea																
N	*	*	*	*	-	-	-	-	-	17	10	8	-	279	22	341
Avg\$	\$ 5,317	\$ 11,747	\$ 6,036	\$ 12,707	-	-	-	-	-	\$ 7,617	\$ 619	\$ 9,150	-	\$ 5,460	\$ 5,805	\$ 5,594
Other intraocular therapeutic procedures																
N	-	*	-	-	-	-	-	-	-	-	*	-	-	1,184	120	1,306
Avg\$	-	\$ 7,058	-	-	-	-	-	-	-	-	\$ 19,857	-	-	\$ 1,278	\$ 5,444	\$ 1,679
Other extraocular muscle & orbit therapeutic procedures																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	43	*	44
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 16,440	\$ 5,351	\$ 16,188
Tympanoplasty																
N	-	*	-	-	-	-	-	*	*	*	*	-	*	23	-	39
Avg\$	-	\$ 10,704	-	-	-	-	-	\$ 10,378	\$ 7,169	\$ 11,423	\$ 14,901	-	\$ 9,574	\$ 19,655	-	\$ 16,240
Myringotomy																
N	-	8	-	-	-	-	8	31	34	62	66	-	*	304	-	517
Avg\$	-	\$ 4,890	-	-	-	-	\$ 6,997	\$ 7,542	\$ 6,418	\$ 4,704	\$ 2,928	-	\$ 3,829	\$ 4,883	-	\$ 4,897
Mastoidectomy																
N	-	*	-	-	-	-	-	-	-	-	-	-	-	10	-	13
Avg\$	-	\$ 23,912	-	-	-	-	-	-	-	-	-	-	-	\$ 28,941	-	\$ 27,781
Diagnostic procedures on ear																
N	-	-	-	-	-	-	-	-	-	-	10	-	-	11	-	21
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 2,819	-	-	\$ 604	-	\$ 1,659
Other therapeutic ear procedures																
N	-	9	-	-	-	-	-	*	*	*	1,380	*	*	1,042	*	2,449
Avg\$	-	\$ 4,456	-	-	-	-	-	\$ 12,156	\$ 6,118	\$ 6,706	\$ 276	\$ 4,054	\$ 4,527	\$ 627	\$ 4,550	\$ 480

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).

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**Table O-10**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
**Outpatient Visits and Average Charges by Vermont Hospitals**  
 Procedure Categories defined by Clinical Classifications Software for Services and Procedures

**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Control of epistaxis																
N	-	*	-	-	-	-	*	*	*	*	128	-	*	33	-	174
Avg\$	- \$	204	-	-	-	- \$	7,865	\$ 6,839	\$ 7,712	\$ 11,135	\$ 666	- \$	10,537	\$ 1,608	- \$	1,283
Plastic procedures on nose																
N	-	6	-	-	-	-	*	*	-	6	36	-	*	6	-	64
Avg\$	- \$	14,570	-	-	-	- \$	12,697	\$ 21,683	- \$	13,964	\$ 9,780	- \$	15,642	\$ 27,601	- \$	13,307
Dental procedures																
N	8	11	-	-	-	-	-	-	-	-	*	-	-	14	14	48
Avg\$	\$ 16,002	\$ 30,720	-	-	-	-	-	-	-	- \$	943	-	- \$	14,715	\$ 4,000	\$ 15,185
Tonsillectomy and/or adenoidectomy																
N	-	29	-	-	-	-	22	49	77	35	75	-	*	120	-	412
Avg\$	- \$	9,048	-	-	-	- \$	11,029	\$ 16,077	\$ 8,254	\$ 12,324	\$ 8,247	- \$	10,264	\$ 9,968	- \$	10,256
Diagnostic procedures on nose, mouth & pharynx																
N	*	129	*	15	-	7	24	*	41	250	803	63	34	1,195	-	2,567
Avg\$	\$ 333	\$ 920	\$ 364	\$ 406	- \$	328	\$ 1,430	\$ 6,474	\$ 1,283	\$ 415	\$ 788	\$ 942	\$ 489	\$ 1,120	- \$	927
Other non-OR therapeutic procedures on nose, mouth & pharynx																
N	-	29	-	11	-	*	6	*	*	16	36	*	7	121	-	240
Avg\$	- \$	651	- \$	912	- \$	3,283	\$ 6,208	\$ 4,667	\$ 6,138	\$ 988	\$ 6,372	\$ 220	\$ 739	\$ 953	- \$	2,041
Other OR therapeutic procedures on nose, mouth & pharynx																
N	-	17	-	*	-	-	*	6	137	55	62	*	7	152	*	445
Avg\$	- \$	16,000	- \$	11,202	-	- \$	7,924	\$ 21,115	\$ 10,487	\$ 16,635	\$ 9,318	\$ 6,379	\$ 13,038	\$ 18,914	\$ 3,294	\$ 14,277
Tracheostomy, temporary & permanent																
N	-	-	-	-	-	-	-	-	-	-	*	-	-	*	-	*
Avg\$	-	-	-	-	-	-	-	-	-	- \$	18,272	-	- \$	6,427	- \$	10,376
Tracheoscopy & laryngoscopy with biopsy																
N	-	15	-	-	-	-	-	*	10	-	642	-	*	729	-	1,399
Avg\$	- \$	4,153	-	-	-	-	- \$	12,550	\$ 9,927	- \$	575	- \$	7,998	\$ 1,484	- \$	1,173
Lobectomy or pneumonectomy																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	- \$	81,054	- \$	81,054
Diagnostic bronchoscopy & biopsy of bronchus																
N	-	11	-	-	-	-	-	17	28	-	31	19	-	323	-	429
Avg\$	- \$	9,791	-	-	-	-	- \$	14,970	\$ 2,943	- \$	9,405	\$ 9,653	- \$	14,150	- \$	12,798
Other diagnostic procedures on lung & bronchus																
N	325	895	96	201	-	89	330	432	572	7	1,136	187	158	5,574	-	10,002
Avg\$	\$ 1,204	\$ 901	\$ 820	\$ 1,706	- \$	1,133	\$ 1,974	\$ 1,334	\$ 394	\$ 326	\$ 1,423	\$ 1,105	\$ 681	\$ 1,412	- \$	1,298

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).  
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**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Incision of pleura, thoracentesis, chest drainage																
N	8	*	*	-	-	-	*	27	25	-	28	9	-	176	-	282
Avg\$	\$ 6,648	\$ 7,591	\$ 2,672	-	-	-	\$ 3,253	\$ 14,061	\$ 568	-	\$ 3,596	\$ 4,651	-	\$ 3,276	-	\$ 4,249
Other diagnostic proc of respiratory tract & mediastinum																
N	-	-	-	-	-	-	-	-	-	-	30	-	-	*	-	34
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 612	-	-	\$ 233	-	\$ 568
Other non-OR therapeutic procedures on respiratory system																
N	-	-	-	-	-	*	-	-	-	-	*	-	-	16	-	26
Avg\$	-	-	-	-	-	\$ 425	-	-	-	-	\$ 3,769	-	-	\$ 4,320	-	\$ 3,465
Other OR therapeutic procedures on respiratory system																
N	-	*	-	-	-	-	-	*	*	*	*	-	-	60	-	75
Avg\$	-	\$ 9,539	-	-	-	-	-	\$ 5,697	\$ 8,391	\$ 10,382	-	-	-	\$ 15,096	-	\$ 13,892
Heart valve procedures																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 69,716	-	\$ 69,716
Percutaneous transluminal coronary angioplasty (PTCA)																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	257	-	257
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 53,033	-	\$ 53,033
Diagnostic cardiac catheterization, coronary arteriography																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	779	-	779
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 16,703	-	\$ 16,703
Insert, revis, replacet, rem pacemaker or cardioverter/defib																
N	-	21	-	-	-	-	-	-	-	-	12	24	-	209	-	266
Avg\$	-	\$ 21,994	-	-	-	-	-	-	-	-	\$ 20,573	\$ 17,215	-	\$ 45,950	-	\$ 40,321
Other OR heart procedures																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 29,635	-	\$ 29,635
Varicose vein stripping, lower limb																
N	*	*	-	-	-	-	-	-	-	-	*	-	-	64	-	73
Avg\$	\$ 10,519	\$ 9,484	-	-	-	-	-	-	-	-	\$ 5,047	-	-	\$ 12,539	-	\$ 12,173
Other vascular catheterization, not heart																
N	21	93	16	*	-	*	8	*	7	-	116	64	*	690	-	1,028
Avg\$	\$ 11,841	\$ 7,875	\$ 12,560	\$ 17,008	-	\$ 17,262	\$ 20,047	\$ 17,758	\$ 2,086	-	\$ 8,694	\$ 9,004	\$ 7,691	\$ 16,398	-	\$ 14,071
Other vascular bypass & shunt, not heart																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 2,199	-	\$ 2,199

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	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Creat, revis, rem of arteriovenous fistula or cannula for dialysis																
N	-	-	-	-	-	-	-	-	-	-	30	-	-	184	-	214
Avg\$	-	-	-	-	-	-	-	-	-	\$ 17,064	-	-	\$ 18,662	-	\$ 18,438	
Hemodialysis																
N	-	-	-	-	-	-	-	-	-	-	-	*	-	18	-	23
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 30,609	-	\$ 8,962	-	\$ 13,668	
Other OR procedures on vessels of head & neck																
N	-	10	-	7	-	*	*	*	7	-	8	*	*	32	-	74
Avg\$	\$ 4,993	-	\$ 15,461	-	\$ 29,017	\$ 15,902	\$ 9,352	\$ 2,751	-	\$ 6,360	\$ 1,826	\$ 7,419	\$ 2,810	-	\$ 5,662	
Embolectomy & endarterectomy of lower limbs																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 16,386	-	\$ 16,386
Other OR procedures on vessels other than head & neck																
N	-	-	-	-	-	-	-	-	-	-	15	-	-	169	-	184
Avg\$	-	-	-	-	-	-	-	-	-	\$ 25,755	-	-	\$ 44,366	-	\$ 42,849	
Other diagnostic cardiovascular procedures																
N	82	81	-	28	-	15	*	-	*	*	118	66	-	359	-	753
Avg\$	\$ 1,006	\$ 872	-	\$ 515	-	\$ 994	\$ 243	-	\$ 821	\$ 478	\$ 2,700	\$ 151	-	\$ 2,507	-	\$ 1,877
Other non-OR therapeutic cardiovascular procedures																
N	29	111	175	11	-	*	36	634	210	68	414	335	*	1,254	*	3,287
Avg\$	\$ 5,682	\$ 4,732	\$ 865	\$ 2,808	-	\$ 9,145	\$ 238,346	\$ 1,411	\$ 470	\$ 2,188	\$ 1,950	\$ 872	\$ 373	\$ 3,442	\$ 1,800	\$ 4,880
Bone marrow transplant																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	39
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 7,164	-	\$ 7,164
Bone marrow biopsy																
N	6	*	-	-	-	-	-	-	-	-	71	13	-	54	-	146
Avg\$	\$ 15,297	\$ 7,559	-	-	-	-	-	-	-	\$ 12,679	\$ 7,655	-	\$ 4,953	-	\$ 9,412	
Other therap procedures, hemic & lymphatic system																
N	*	9	*	*	-	*	6	*	*	*	81	32	-	303	*	450
Avg\$	\$ 15,417	\$ 11,189	\$ 20,456	\$ 11,363	-	\$ 4,650	\$ 11,564	\$ 13,805	\$ 8,092	\$ 8,624	\$ 12,236	\$ 5,431	-	\$ 23,708	\$ 5,263	\$ 19,387
Injection or ligation of esophageal varices																
N	*	9	-	-	-	-	-	-	-	-	*	6	-	13	-	35
Avg\$	\$ 5,703	\$ 5,033	-	-	-	-	-	-	-	\$ 5,143	\$ 3,730	-	\$ 5,534	-	\$ 5,066	
Esophageal dilatation																
N	*	86	*	-	-	7	12	*	-	*	26	18	*	101	105	367
Avg\$	\$ 5,653	\$ 6,160	\$ 4,772	-	-	\$ 5,531	\$ 8,571	\$ 7,656	-	\$ 7,844	\$ 7,386	\$ 2,573	\$ 4,642	\$ 6,180	\$ 2,766	\$ 5,168

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**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
]Upper gastrointestinal endoscopy, biopsy																
N	438	502	53	104	-	120	191	155	602	184	618	631	92	2,335	664	6,689
Avg\$	\$ 7,033	\$ 4,553	\$ 4,843	\$ 5,943	-	\$ 4,871	\$ 8,591	\$ 6,766	\$ 3,027	\$ 4,812	\$ 6,784	\$ 3,289	\$ 3,054	\$ 6,068	\$ 1,610	\$ 5,085
Gastrostomy, temporary & permanent																
N	2	2	-	-	-	-	-	-	9	-	10	*	-	69	-	96
Avg\$	\$ 6,617	\$ 5,338	-	-	-	-	-	-	\$ 1,068	-	\$ 6,734	\$ 5,487	-	\$ 3,842	-	\$ 4,040
Colostomy, temporary & permanent																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 15,967	-	\$ 15,967
Ileostomy & other enterostomy																
N	-	-	-	-	-	-	-	-	-	-	*	-	-	16	-	21
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 4,674	-	-	\$ 3,403	-	\$ 3,705
Small bowel resection																
N	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
Avg\$	-	-	-	-	-	\$ 40,113	-	-	-	-	-	-	-	-	-	\$ 40,113
Colonoscopy & biopsy																
N	1,078	2,554	716	640	-	402	708	755	1,907	1,378	2,475	2,478	440	5,065	4,116	24,712
Avg\$	\$ 5,077	\$ 5,700	\$ 5,448	\$ 5,868	-	\$ 2,787	\$ 7,795	\$ 7,110	\$ 1,961	\$ 4,795	\$ 6,431	\$ 3,476	\$ 3,386	\$ 6,001	\$ 1,978	\$ 4,637
Proctoscopy & anorectal biopsy																
N	16	36	9	*	-	*	19	9	30	-	50	44	10	414	42	683
Avg\$	\$ 3,568	\$ 2,396	\$ 3,856	\$ 9,731	-	\$ 1,730	\$ 8,180	\$ 7,333	\$ 2,003	-	\$ 3,982	\$ 2,518	\$ 2,911	\$ 1,867	\$ 1,206	\$ 2,397
Colorectal resection																
N	*	-	-	*	-	-	*	-	*	-	*	-	*	10	-	20
Avg\$	\$ 6,866	-	-	\$ 12,208	-	-	\$ 29,052	-	\$ 8,977	-	\$ 8,613	-	\$ 14,964	\$ 12,520	-	\$ 13,057
Appendectomy																
N	*	*	6	*	-	7	6	*	7	*	24	*	*	36	-	106
Avg\$	\$ 18,395	\$ 17,236	\$ 20,740	\$ 29,212	-	\$ 24,963	\$ 24,299	\$ 44,388	\$ 11,047	\$ 16,636	\$ 14,913	\$ 16,303	\$ 13,745	\$ 21,876	-	\$ 19,437
Hemorrhoid procedures																
N	8	10	*	7	-	8	14	8	29	*	52	16	*	99	13	269
Avg\$	\$ 9,906	\$ 6,232	\$ 11,363	\$ 21,071	-	\$ 18,709	\$ 17,090	\$ 10,503	\$ 5,890	\$ 11,891	\$ 6,686	\$ 9,339	\$ 7,197	\$ 4,239	\$ 3,915	\$ 7,247
Endoscopic retrograde cannulation of pancreas (ERCP)																
N	-	-	-	-	-	-	-	-	-	-	-	15	-	86	-	101
Avg\$	-	-	-	-	-	-	-	-	-	-	-	\$ 15,429	-	\$ 15,346	-	\$ 15,358
Biopsy of liver																
N	*	-	-	-	-	*	*	-	*	-	16	7	-	88	-	119
Avg\$	\$ 14,790	-	-	-	-	\$ 6,063	\$ 8,998	-	\$ 14,798	-	\$ 7,202	\$ 4,685	-	\$ 7,781	-	\$ 7,748

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).  
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**Table O-10**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
**Outpatient Visits and Average Charges by Vermont Hospitals**  
Procedure Categories defined by Clinical Classifications Software for Services and Procedures

**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Cholecystectomy & common duct exploration																
N	33	92	35	24	-	28	38	34	131	26	114	68	10	156	7	796
Avg\$	\$ 15,642	\$ 14,141	\$ 23,512	\$ 28,011	-	\$ 26,406	\$ 22,513	\$ 27,998	\$ 13,405	\$ 23,606	\$ 12,615	\$ 12,258	\$ 12,850	\$ 17,056	\$ 6,686	\$ 16,755
Inguinal & femoral hernia repair																
N	61	120	68	43	-	36	38	48	81	67	124	108	20	291	41	1,146
Avg\$	\$ 13,433	\$ 10,895	\$ 21,094	\$ 27,393	-	\$ 24,360	\$ 25,939	\$ 24,185	\$ 9,880	\$ 13,781	\$ 12,291	\$ 14,975	\$ 9,964	\$ 14,359	\$ 7,713	\$ 15,115
Other hernia repair																
N	39	77	25	8	-	26	31	22	68	33	83	89	9	244	20	774
Avg\$	\$ 13,508	\$ 10,590	\$ 22,806	\$ 17,724	-	\$ 27,254	\$ 36,981	\$ 26,563	\$ 10,874	\$ 14,262	\$ 16,455	\$ 13,110	\$ 11,365	\$ 16,855	\$ 5,835	\$ 16,237
Laparoscopy																
N	*	*	*	-	-	-	10	*	18	12	10	7	-	39	*	106
Avg\$	\$ 16,692	\$ 13,219	\$ 14,519	-	-	-	\$ 14,710	\$ 20,157	\$ 11,706	\$ 15,112	\$ 13,463	\$ 12,598	-	\$ 18,478	\$ 16,950	\$ 15,523
Abdominal paracentesis																
N	*	67	9	-	-	*	7	19	15	-	77	57	-	231	-	486
Avg\$	\$ 5,949	\$ 2,768	\$ 2,189	-	-	\$ 9,447	\$ 5,667	\$ 10,984	\$ 819	-	\$ 3,185	\$ 3,168	-	\$ 2,247	-	\$ 2,959
Exploratory laparotomy																
N	-	-	-	-	-	-	-	*	-	-	-	-	-	*	-	4
Avg\$	-	-	-	-	-	-	-	\$ 43,552	-	-	-	-	-	\$ 13,138	-	\$ 20,742
Peritoneal dialysis																
N	-	-	-	-	-	-	-	-	-	-	-	106	-	3,230	-	3,336
Avg\$	-	-	-	-	-	-	-	-	-	-	-	\$ 45,304	-	\$ 11,932	-	\$ 12,992
Other non-OR upper GI therapeutic procedures																
N	-	*	-	-	-	-	-	-	-	-	*	*	-	*	*	13
Avg\$	-	\$ 4,885	-	-	-	-	-	-	-	-	\$ 7,141	\$ 5,336	-	\$ 6,108	\$ 5,150	\$ 5,639
Other OR upper GI therapeutic procedures																
N	-	*	-	-	-	*	-	-	-	*	*	*	-	40	-	48
Avg\$	-	\$ 7,337	-	-	-	\$ 41,322	-	-	-	\$ 8,043	\$ 20,801	\$ 2,889	-	\$ 21,537	-	\$ 20,642
Other non-OR lower GI therapeutic procedures																
N	*	*	*	*	-	*	*	*	14	*	9	*	-	44	*	85
Avg\$	\$ 6,868	\$ 6,254	\$ 8,868	\$ 11,413	-	\$ 16,743	\$ 9,090	\$ 11,454	\$ 4,251	\$ 5,532	\$ 6,710	\$ 4,364	-	\$ 8,544	\$ 3,900	\$ 7,432
Other OR lower GI therapeutic procedures																
N	7	6	5	*	-	*	8	*	12	*	11	5	*	86	*	157
Avg\$	\$ 13,895	\$ 7,098	\$ 11,255	\$ 22,026	-	\$ 12,480	\$ 15,628	\$ 16,026	\$ 7,945	\$ 11,108	\$ 9,616	\$ 8,763	\$ 11,566	\$ 7,999	\$ 2,892	\$ 9,474
Other gastrointestinal diagnostic procedures																
N	-	9	-	-	-	-	*	*	*	-	*	*	-	279	-	298
Avg\$	-	\$ 2,826	-	-	-	-	\$ 19,625	\$ 11,154	\$ 6,923	-	\$ 3,827	\$ 7,536	-	\$ 2,671	-	\$ 2,862

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).

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**Table O-10**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
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 Procedure Categories defined by Clinical Classifications Software for Services and Procedures

**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Other non-OR gastrointestinal therapeutic procedures																
N	-	34	-	-	-	-	-	-	-	-	*	-	-	142	-	181
Avg\$	-	\$ 3,971	-	-	-	-	-	-	-	-	\$ 5,748	-	-	\$ 6,479	-	\$ 5,988
Other OR gastrointestinal therapeutic procedures																
N	-	-	-	-	-	*	-	-	-	-	8	*	-	38	-	50
Avg\$	-	-	-	-	-	\$ 36,310	-	-	-	-	\$ 16,424	\$ 7,949	-	\$ 13,517	-	\$ 14,671
Endoscopy & endoscopic biopsy of the urinary tract																
N	12	31	*	12	-	*	11	15	6	6	529	21	9	1,137	*	1,795
Avg\$	\$ 11,071	\$ 6,436	\$ 7,335	\$ 7,121	-	\$ 10,776	\$ 14,387	\$ 12,639	\$ 9,565	\$ 11,099	\$ 2,101	\$ 12,099	\$ 11,749	\$ 1,907	\$ 1,175	\$ 2,546
Transurethral excision, drainage, rem urinary obstruction																
N	46	29	17	19	-	*	18	48	11	20	120	23	13	439	-	805
Avg\$	\$ 12,220	\$ 8,668	\$ 11,943	\$ 12,515	-	\$ 19,765	\$ 20,843	\$ 16,619	\$ 9,849	\$ 13,424	\$ 7,733	\$ 8,868	\$ 13,705	\$ 5,640	-	\$ 8,235
Ureteral catheterization																
N	26	66	9	9	-	3	11	17	13	18	23	22	1	169	-	387
Avg\$	\$ 12,152	\$ 7,200	\$ 10,493	\$ 8,194	-	\$ 13,344	\$ 18,538	\$ 14,456	\$ 9,733	\$ 11,964	\$ 11,479	\$ 10,408	\$ 7,373	\$ 12,834	-	\$ 11,525
Nephrotomy & nephrostomy																
N	*	*	-	-	-	-	-	*	-	-	11	-	-	134	-	151
Avg\$	\$ 31,399	\$ 6,391	-	-	-	-	-	\$ 20,856	-	-	\$ 4,312	-	-	\$ 14,346	-	\$ 13,988
Nephrectomy, partial or complete																
N	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	31
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 33,962	-	\$ 33,962
Genitourinary incontinence procedures																
N	-	*	*	13	-	-	10	10	*	*	8	*	-	46	8	108
Avg\$	-	\$ 14,734	\$ 8,697	\$ 14,880	-	-	\$ 13,709	\$ 14,515	\$ 20,955	\$ 28,134	\$ 13,899	\$ 13,152	-	\$ 17,553	\$ 10,727	\$ 15,787
Extracorporeal lithotripsy, urinary																
N	45	97	29	38	-	*	28	29	30	51	170	64	17	266	-	869
Avg\$	\$ 16,562	\$ 11,632	\$ 9,370	\$ 12,803	-	\$ 13,118	\$ 27,336	\$ 24,386	\$ 9,052	\$ 15,929	\$ 20,750	\$ 18,669	\$ 26,295	\$ 16,402	-	\$ 17,015
Indwelling catheter																
N	-	-	-	-	-	-	*	-	-	-	207	-	-	431	-	639
Avg\$	-	-	-	-	-	-	\$ 291	-	-	-	\$ 372	-	-	\$ 418	-	\$ 403
Procedures on the urethra																
N	*	*	*	*	-	*	*	*	*	*	64	*	*	71	*	167
Avg\$	\$ 9,162	\$ 5,157	\$ 7,819	\$ 7,793	-	\$ 12,673	\$ 17,535	\$ 10,521	\$ 8,813	\$ 8,902	\$ 5,739	\$ 7,603	\$ 11,517	\$ 10,600	\$ 4,423	\$ 8,543
Other diagnostic procedures of urinary tract																
N	-	-	-	-	-	-	-	-	-	*	*	*	-	82	-	85
Avg\$	-	-	-	-	-	-	-	-	-	\$ 417	\$ 10,013	\$ 4,481	-	\$ 7,479	-	\$ 7,390

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).  
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**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Other non-OR therapeutic procedures of urinary tract																
N	-	7	-	*	-	-	-	*	-	*	73	-	-	675	-	761
Avg\$	-	\$ 6,389	-	\$ 5,120	-	-	-	\$ 14,134	-	\$ 17,065	\$ 1,268	-	-	\$ 1,039	-	\$ 1,186
Other OR therapeutic procedures of urinary tract																
N	9	13	*	13	-	*	*	11	*	13	72	18	10	142	*	317
Avg\$	\$ 16,237	\$ 9,991	\$ 8,045	\$ 11,323	-	\$ 11,930	\$ 16,991	\$ 15,284	\$ 9,755	\$ 11,959	\$ 9,439	\$ 9,696	\$ 10,594	\$ 15,792	\$ 2,700	\$ 13,036
Transurethral resection of prostate (TURP)																
N	-	*	8	6	-	-	10	*	-	12	16	14	-	63	-	132
Avg\$	-	\$ 9,807	\$ 17,726	\$ 29,630	-	-	\$ 28,809	\$ 29,344	-	\$ 18,235	\$ 12,554	\$ 12,850	-	\$ 16,138	-	\$ 17,367
Open prostatectomy																
N	-	-	-	-	-	-	-	-	-	*	-	-	-	*	-	6
Avg\$	-	-	-	-	-	-	-	-	-	\$ 35,803	-	-	-	\$ 22,627	-	\$ 31,411
Circumcision																
N	6	54	*	*	-	-	21	9	-	65	11	18	*	94	-	287
Avg\$	\$ 7,707	\$ 3,016	\$ 2,779	\$ 15,398	-	-	\$ 5,831	\$ 9,364	-	\$ 1,553	\$ 9,193	\$ 2,393	\$ 9,537	\$ 10,413	-	\$ 6,050
Diagnostic procedures, male genital																
N	*	60	22	*	-	*	7	-	-	-	76	33	-	306	-	516
Avg\$	\$ 6,030	\$ 4,767	\$ 7,105	\$ 9,223	-	\$ 5,836	\$ 10,974	-	-	-	\$ 5,321	\$ 1,523	-	\$ 2,940	-	\$ 3,788
Other non-OR therapeutic procedures, male genital																
N	-	32	*	6	-	*	7	*	*	-	66	*	*	47	-	169
Avg\$	-	\$ 6,411	\$ 7,002	\$ 9,630	-	\$ 7,399	\$ 15,351	\$ 15,175	\$ 8,013	-	\$ 5,523	\$ 9,725	\$ 8,846	\$ 7,873	-	\$ 7,135
Other OR therapeutic procedures, male genital																
N	7	17	*	*	-	*	*	9	6	24	55	13	8	215	-	364
Avg\$	\$ 13,037	\$ 10,255	\$ 16,430	\$ 11,694	-	\$ 21,645	\$ 29,557	\$ 16,925	\$ 9,688	\$ 18,012	\$ 14,401	\$ 8,987	\$ 21,746	\$ 14,160	-	\$ 14,424
Oophorectomy, unilateral & bilateral																
N	22	12	24	6	-	-	24	27	30	20	41	61	*	83	51	406
Avg\$	\$ 15,927	\$ 14,710	\$ 14,879	\$ 23,970	-	-	\$ 15,569	\$ 23,662	\$ 9,126	\$ 16,652	\$ 13,867	\$ 11,535	\$ 16,247	\$ 16,234	\$ 9,229	\$ 14,332
Other operations on ovary																
N	-	-	-	-	-	-	*	-	-	-	*	-	-	24	-	26
Avg\$	-	-	-	-	-	-	\$ 3,620	-	-	-	\$ 8,646	-	-	\$ 2,929	-	\$ 3,176
Ligation of fallopian tubes																
N	-	*	-	-	-	-	-	-	*	-	-	*	-	-	-	11
Avg\$	-	\$ 14,446	-	-	-	-	-	-	\$ 8,579	-	-	\$ 10,426	-	-	-	\$ 9,952
Removal of ectopic pregnancy																
N	*	-	-	-	-	-	-	*	*	*	-	-	-	*	-	10
Avg\$	\$ 15,879	-	-	-	-	-	-	\$ 31,210	\$ 10,552	\$ 21,469	-	-	-	\$ 14,353	-	\$ 18,361

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	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Other operations on fallopian tubes																
N	*	-	-	-	-	-	*	-	-	*	*	-	-	8	*	16
Avg\$	\$ 20,984	-	-	-	-	-	\$ 15,786	-	-	\$ 22,992	\$ 18,937	-	-	\$ 23,199	\$ 17,373	\$ 20,959
Hysterectomy, abdominal & vaginal																
N	10	16	25	7	-	-	28	18	32	42	51	54	*	184	22	490
Avg\$	\$ 30,011	\$ 26,658	\$ 28,204	\$ 39,951	-	-	\$ 33,470	\$ 45,121	\$ 18,220	\$ 31,371	\$ 22,871	\$ 20,052	\$ 19,706	\$ 30,639	\$ 13,275	\$ 27,673
Other excision of cervix & uterus																
N	16	16	*	6	-	-	*	13	69	39	49	44	11	57	47	374
Avg\$	\$ 17,219	\$ 10,696	\$ 8,328	\$ 13,581	-	-	\$ 13,676	\$ 18,898	\$ 5,926	\$ 13,230	\$ 9,298	\$ 9,940	\$ 8,055	\$ 16,430	\$ 6,903	\$ 10,765
Abortion (termination of pregnancy)																
N	*	-	-	-	-	-	-	-	-	-	-	*	-	32	*	39
Avg\$	\$ 12,350	-	-	-	-	-	-	-	-	-	-	\$ 5,685	-	\$ 9,316	\$ 2,870	\$ 8,691
D&C, aspiration after delivery or abortion																
N	10	16	6	*	-	-	6	20	23	10	12	29	*	18	20	176
Avg\$	\$ 9,842	\$ 7,665	\$ 8,912	\$ 9,387	-	-	\$ 10,993	\$ 11,107	\$ 6,492	\$ 7,173	\$ 11,148	\$ 6,733	\$ 7,423	\$ 8,714	\$ 3,195	\$ 7,885
Diagnostic dilatation & curettage (D&C)																
N	*	*	*	*	-	-	-	*	*	-	*	*	-	7	*	21
Avg\$	\$ 12,064	\$ 7,052	\$ 6,478	\$ 20,832	-	-	-	\$ 11,909	\$ 6,523	-	\$ 7,738	\$ 14,300	-	\$ 14,971	\$ 3,225	\$ 11,798
Repair cystocele & rectocele, oblit of vaginal vault																
N	*	-	-	14	-	-	*	*	17	9	-	*	-	125	*	180
Avg\$	\$ 31,268	-	-	\$ 19,479	-	-	\$ 15,987	\$ 31,734	\$ 15,895	\$ 31,346	-	\$ 21,934	-	\$ 19,281	\$ 5,408	\$ 19,639
Other diagnostic procedures, female organs																
N	41	42	22	19	-	*	21	26	37	35	638	1,041	6	296	177	2,402
Avg\$	\$ 11,907	\$ 8,789	\$ 9,381	\$ 13,353	-	\$ 366	\$ 10,949	\$ 13,518	\$ 7,499	\$ 9,267	\$ 1,653	\$ 1,174	\$ 11,016	\$ 4,770	\$ 3,835	\$ 2,887
Other non-OR therapeutic procedures, female organs																
N	11	16	-	*	-	-	*	*	26	6	164	11	*	163	*	407
Avg\$	\$ 14,345	\$ 9,544	-	\$ 7,273	-	-	\$ 12,360	\$ 9,830	\$ 6,214	\$ 13,585	\$ 1,541	\$ 8,704	\$ 4,927	\$ 7,261	\$ 750	\$ 5,271
Other OR therapeutic procedures, female organs																
N	15	*	*	*	-	-	29	6	15	7	51	20	*	96	57	309
Avg\$	\$ 19,418	\$ 4,638	\$ 13,340	\$ 12,695	-	-	\$ 24,863	\$ 23,176	\$ 10,625	\$ 14,531	\$ 11,736	\$ 11,593	\$ 16,305	\$ 15,036	\$ 6,784	\$ 13,612
Cesarean section																
N	-	-	*	-	-	-	-	-	*	*	*	-	-	-	-	4
Avg\$	-	-	\$ 15,328	-	-	-	-	-	\$ 13,848	\$ 69,707	\$ 15,320	-	-	-	-	\$ 28,551
Forceps, vacuum & breech delivery																
N	*	*	-	-	-	-	-	-	-	-	-	-	-	*	-	4
Avg\$	\$ 5,898	\$ 19,026	-	-	-	-	-	-	-	-	-	-	-	\$ 11,473	-	\$ 11,968

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	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Other procedures to assist delivery																
N	*	*	*	6	-	-	*	6	*	-	-	*	-	44	-	70
Avg\$	\$ 10,659	\$ 4,623	\$ 4,655	\$ 9,836	-	-	\$ 7,661	\$ 1,886	\$ 6,416	-	-	\$ 4,282	-	\$ 4,658	-	\$ 5,176
Fetal monitoring																
N	704	272	268	172	-	-	214	466	65	147	656	126	-	427	-	3,517
Avg\$	\$ 774	\$ 974	\$ 672	\$ 719	-	-	\$ 903	\$ 886	\$ 318	\$ 1,186	\$ 1,232	\$ 1,280	-	\$ 1,361	-	\$ 985
Repair of current obstetric laceration																
N	-	-	-	*	-	-	-	-	-	*	-	-	-	-	-	*
Avg\$	-	-	-	\$ 5,623	-	-	-	-	-	\$ 3,354	-	-	-	-	-	\$ 4,488
Other therapeutic obstetrical procedures																
N	*	-	-	-	-	-	-	-	-	-	*	*	-	26	-	29
Avg\$	\$ 9,308	-	-	-	-	-	-	-	-	-	\$ 7,053	\$ 5,605	-	\$ 12,028	-	\$ 11,541
Partial excision bone																
N	17	40	27	11	-	-	*	13	29	15	90	28	*	100	10	386
Avg\$	\$ 15,579	\$ 11,934	\$ 13,866	\$ 17,315	-	-	\$ 24,716	\$ 16,574	\$ 11,264	\$ 18,618	\$ 9,383	\$ 13,531	\$ 9,430	\$ 11,471	\$ 3,053	\$ 12,079
Bunionectomy or repair of toe deformities																
N	17	15	45	54	-	*	-	14	53	12	29	41	8	98	-	390
Avg\$	\$ 27,178	\$ 10,823	\$ 16,885	\$ 24,940	-	\$ 13,711	-	\$ 21,913	\$ 13,990	\$ 19,467	\$ 16,682	\$ 12,672	\$ 14,407	\$ 9,299	-	\$ 15,635
Treatment, facial fracture or dislocation																
N	-	*	-	-	-	-	-	-	7	*	14	-	*	26	-	54
Avg\$	-	\$ 2,322	-	-	-	-	-	-	\$ 6,854	\$ 6,255	\$ 6,612	-	\$ 7,331	\$ 13,353	-	\$ 9,790
Treatment, fracture or disloc of radius & ulna																
N	27	63	41	*	-	-	30	27	22	37	79	34	*	65	-	430
Avg\$	\$ 19,856	\$ 14,410	\$ 25,922	\$ 26,037	-	-	\$ 31,472	\$ 24,543	\$ 15,515	\$ 24,397	\$ 11,440	\$ 17,938	\$ 20,259	\$ 13,242	-	\$ 18,271
Treatment, fracture or disloc of hip & femur																
N	*	-	*	-	-	-	*	-	*	*	*	-	*	*	-	15
Avg\$	\$ 15,034	-	\$ 28,712	-	-	-	\$ 54,353	-	\$ 19,191	\$ 14,352	\$ 23,713	-	\$ 22,072	\$ 21,638	-	\$ 24,010
Treatment, fracture or disloc of lower extremity																
N	25	55	60	11	-	-	23	22	40	23	66	33	10	142	-	510
Avg\$	\$ 18,773	\$ 16,179	\$ 23,086	\$ 28,057	-	-	\$ 28,628	\$ 35,196	\$ 20,791	\$ 31,121	\$ 18,787	\$ 19,163	\$ 14,440	\$ 19,231	-	\$ 21,139
Other fracture & dislocation procedure																
N	22	63	67	6	-	-	24	15	15	18	78	26	*	143	-	481
Avg\$	\$ 18,661	\$ 12,088	\$ 23,801	\$ 32,859	-	-	\$ 27,255	\$ 25,977	\$ 18,616	\$ 20,995	\$ 13,263	\$ 15,884	\$ 11,280	\$ 18,269	-	\$ 18,233
Arthroscopy																
N	13	26	22	-	-	-	-	12	*	10	33	15	6	42	-	182
Avg\$	\$ 23,518	\$ 18,038	\$ 29,228	-	-	-	-	\$ 58,708	\$ 19,985	\$ 38,940	\$ 17,073	\$ 24,250	\$ 27,238	\$ 24,417	-	\$ 25,756

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Division of joint capsule, ligament or cartilage																
N	*	6	6	-	-	-	-	*	*	*	11	*	*	10	*	49
Avg\$	\$ 8,954	\$ 7,814	\$ 16,693	-	-	-	-	\$ 26,297	\$ 13,598	\$ 13,552	\$ 12,400	\$ 10,567	\$ 2,999	\$ 17,693	\$ 2,200	\$ 13,815
Excision of semilunar cartilage of knee																
N	89	101	46	*	-	-	11	50	58	50	114	59	9	229	-	821
Avg\$	\$ 9,960	\$ 11,188	\$ 13,366	\$ 18,667	-	-	\$ 20,268	\$ 22,409	\$ 13,478	\$ 21,480	\$ 9,999	\$ 11,349	\$ 8,787	\$ 15,253	-	\$ 13,770
Arthroplasty knee																
N	13	98	195	72	-	-	*	96	10	108	310	122	13	57	-	1,098
Avg\$	\$ 30,786	\$ 32,604	\$ 39,430	\$ 50,671	-	-	\$ 44,357	\$ 52,216	\$ 35,695	\$ 44,397	\$ 37,858	\$ 37,564	\$ 40,087	\$ 33,908	-	\$ 40,116
Hip replacement, total & partial																
N	22	116	113	35	-	-	*	48	68	73	264	72	*	24	-	837
Avg\$	\$ 29,909	\$ 28,591	\$ 40,213	\$ 51,551	-	-	\$ 13,614	\$ 53,915	\$ 42,252	\$ 49,363	\$ 37,188	\$ 33,172	\$ 56,681	\$ 39,421	-	\$ 38,960
Arthroplasty other than hip or knee																
N	45	67	146	*	-	-	10	24	18	25	96	23	17	53	24	551
Avg\$	\$ 19,671	\$ 17,968	\$ 43,191	\$ 37,221	-	-	\$ 31,124	\$ 72,625	\$ 42,487	\$ 57,113	\$ 29,888	\$ 17,683	\$ 10,802	\$ 14,798	\$ 5,120	\$ 31,071
Arthrocentesis																
N	219	24	161	22	-	7	20	16	*	39	2,438	48	*	2,174	-	5,174
Avg\$	\$ 2,678	\$ 6,838	\$ 1,450	\$ 2,131	-	\$ 998	\$ 1,186	\$ 12,401	\$ 8,780	\$ 663	\$ 809	\$ 1,405	\$ 1,349	\$ 584	-	\$ 893
Injections & aspirations of muscles, tendons, etc.																
N	-	105	35	-	-	6	-	20	-	*	296	52	*	990	*	1,508
Avg\$	-	\$ 2,167	\$ 1,379	-	-	\$ 657	-	\$ 1,256	-	\$ 41,200	\$ 418	\$ 1,869	\$ 1,338	\$ 905	\$ 120	\$ 971
Amputation of lower extremity																
N	*	17	13	28	-	*	9	8	15	6	19	*	-	44	-	168
Avg\$	\$ 9,014	\$ 6,093	\$ 8,195	\$ 11,447	-	\$ 8,006	\$ 15,347	\$ 10,470	\$ 7,500	\$ 11,971	\$ 8,730	\$ 6,656	-	\$ 7,622	-	\$ 8,997
Spinal fusion																
N	-	-	-	-	-	-	-	-	-	-	32	-	-	*	-	34
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 73,140	-	-	\$ 19,469	-	\$ 69,983
Other diagnostic procedures on musculoskeletal system																
N	*	11	*	-	-	*	*	*	*	-	30	7	-	75	*	137
Avg\$	\$ 10,856	\$ 6,362	\$ 9,798	-	-	\$ 9,249	\$ 14,162	\$ 15,568	\$ 7,218	-	\$ 7,538	\$ 4,411	-	\$ 7,897	\$ 1,800	\$ 7,733
Other therapeutic procedures on muscles & tendons																
N	145	288	254	15	-	*	80	181	107	62	295	177	27	572	218	2,426
Avg\$	\$ 10,707	\$ 9,273	\$ 22,352	\$ 18,772	-	\$ 8,530	\$ 13,392	\$ 23,353	\$ 20,215	\$ 13,729	\$ 9,281	\$ 11,451	\$ 6,456	\$ 10,082	\$ 2,892	\$ 12,315
Other OR therapeutic procedures on bone																
N	41	60	56	13	-	-	*	15	51	19	51	35	*	217	7	569
Avg\$	\$ 11,539	\$ 14,534	\$ 15,466	\$ 30,469	-	-	\$ 18,894	\$ 22,877	\$ 20,311	\$ 14,445	\$ 16,005	\$ 10,490	\$ 5,188	\$ 15,693	\$ 2,950	\$ 15,743

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).  
 Column headers denote hospitals: see Appendix K.  
 Use charge data with caution. See Appendix A for details.

**Table O-10**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
**Outpatient Visits and Average Charges by Vermont Hospitals**  
 Procedure Categories defined by Clinical Classifications Software for Services and Procedures

**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Other OR therapeutic procedures on joints																
N	41	93	135	8	-	*	29	84	48	35	137	77	19	240	15	962
Avg\$	\$ 16,130	\$ 13,665	\$ 22,522	\$ 37,508	-	\$ 30,448	\$ 17,466	\$ 30,789	\$ 19,186	\$ 24,970	\$ 17,246	\$ 14,152	\$ 19,988	\$ 16,600	\$ 7,308	\$ 18,832
Other non-OR therapeutic procedures on musc system																
N	*	-	-	-	-	-	-	10	-	-	22	*	-	33	-	72
Avg\$	\$ 9,341	-	-	-	-	-	-	\$ 7,735	-	-	\$ 4,543	\$ 14,097	-	\$ 3,245	-	\$ 5,056
Other OR therapeutic procedures on musc system																
N	-	6	*	*	-	*	*	53	76	*	98	10	*	23	*	279
Avg\$	-	\$ 7,871	\$ 14,539	\$ 48,165	-	\$ 13,454	\$ 9,970	\$ 46,794	\$ 38,663	\$ 8,920	\$ 34,798	\$ 31,016	\$ 5,190	\$ 23,146	\$ 3,825	\$ 35,599
Breast biopsy & other diagnostic procedures on breast																
N	50	83	43	22	-	13	27	*	31	22	177	217	25	862	-	1,573
Avg\$	\$ 15,836	\$ 5,759	\$ 5,033	\$ 10,144	-	\$ 7,326	\$ 6,246	\$ 6,858	\$ 1,800	\$ 2,590	\$ 3,901	\$ 4,012	\$ 3,984	\$ 6,924	-	\$ 6,181
Lumpectomy, quadrantectomy of breast																
N	24	39	13	10	-	*	*	*	13	*	30	44	-	357	46	589
Avg\$	\$ 17,252	\$ 13,826	\$ 23,438	\$ 23,049	-	\$ 30,069	\$ 8,893	\$ 15,808	\$ 11,106	\$ 11,041	\$ 11,151	\$ 16,681	-	\$ 13,831	\$ 4,256	\$ 13,720
Mastectomy																
N	*	6	-	*	-	*	-	-	12	-	7	7	-	71	49	158
Avg\$	\$ 22,272	\$ 22,542	-	\$ 42,776	-	\$ 60,913	-	-	\$ 16,555	-	\$ 17,857	\$ 20,482	-	\$ 29,458	\$ 21,913	\$ 25,325
Incision & drainage, skin & subcutaneous tissue																
N	15	19	*	*	-	-	*	8	23	7	34	17	*	138	*	276
Avg\$	\$ 8,577	\$ 6,168	\$ 9,527	\$ 11,119	-	-	\$ 9,438	\$ 10,239	\$ 3,346	\$ 6,559	\$ 3,060	\$ 9,042	\$ 4,513	\$ 2,117	\$ 974	\$ 3,957
Debridement of wound, infection or burn																
N	402	8	7	*	-	*	6	9	16	*	61	9	-	242	-	770
Avg\$	\$ 1,382	\$ 10,385	\$ 13,964	\$ 11,615	-	\$ 12,469	\$ 12,687	\$ 13,012	\$ 5,317	\$ 10,996	\$ 1,770	\$ 9,899	-	\$ 1,908	-	\$ 2,321
Excision of skin lesion																
N	75	102	13	75	-	12	15	44	93	82	256	72	9	3,905	38	4,791
Avg\$	\$ 6,070	\$ 5,862	\$ 12,992	\$ 9,300	-	\$ 14,455	\$ 12,781	\$ 12,653	\$ 3,408	\$ 8,656	\$ 4,878	\$ 7,187	\$ 6,058	\$ 1,961	\$ 2,727	\$ 2,807
Suture of skin & subcutaneous tissue																
N	*	6	*	*	-	*	*	*	*	-	16	7	*	774	7	822
Avg\$	\$ 12,393	\$ 8,973	\$ 5,491	\$ 9,644	-	\$ 25,339	\$ 18,243	\$ 11,887	\$ 8,971	-	\$ 8,758	\$ 15,366	\$ 10,769	\$ 5,209	\$ 3,068	\$ 5,484
Skin graft																
N	59	6	-	-	-	-	*	*	*	6	41	7	*	286	10	426
Avg\$	\$ 6,909	\$ 11,205	-	-	-	-	\$ 52,789	\$ 12,214	\$ 8,482	\$ 15,415	\$ 11,615	\$ 10,641	\$ 10,106	\$ 9,775	\$ 4,901	\$ 9,883
Other diagnostic proc on skin & subcutaneous tissue																
N	-	21	*	11	-	6	26	-	57	36	220	105	12	1,951	-	2,446
Avg\$	-	\$ 891	\$ 5,172	\$ 3,159	-	\$ 2,593	\$ 1,724	-	\$ 2,176	\$ 1,643	\$ 2,427	\$ 1,390	\$ 2,938	\$ 1,300	-	\$ 1,453

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).  
 Column headers denote hospitals: see Appendix K.  
 Use charge data with caution. See Appendix A for details.



**Table O-10**  
**2022 Vermont Hospital Outpatient Visits, including VT Residents and Non-residents**  
**Outpatient Visits and Average Charges by Vermont Hospitals**  
 Procedure Categories defined by Clinical Classifications Software for Services and Procedures

**CCS Single Level Procedure Categories**

	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMCC	GMSC	Total
Other non-OR therapeutic procedures on skin & breast																
N	*	15	741	*	-	*	-	312	6	*	59	15	-	1,725	-	2,886
Avg\$	\$ 15,726	\$ 3,894	\$ 64	\$ 10,283	-	\$ 822	-	\$ 100	\$ 9,684	\$ 6,247	\$ 820	\$ 8,001	-	\$ 516	-	\$ 480
Other OR therapeutic procedures on skin & breast																
N	8	19	10	*	-	*	*	6	61	7	22	45	*	187	277	654
Avg\$	\$ 10,076	\$ 8,173	\$ 10,381	\$ 19,285	-	\$ 15,977	\$ 17,140	\$ 14,320	\$ 17,060	\$ 14,099	\$ 11,136	\$ 17,842	\$ 11,621	\$ 27,417	\$ 22,107	\$ 21,512
<b>Total</b>																
N	4,911	9,607	4,566	2,211	1	1,685	2,810	5,076	6,001	4,047	20,932	8,953	1,134	62,077	6,543	140,554
Avg\$	\$ 6,310	\$ 6,181	\$ 10,821	\$ 10,057	\$ 3,403	\$ 6,239	\$ 12,815	\$ 10,405	\$ 5,993	\$ 9,357	\$ 5,390	\$ 5,863	\$ 5,682	\$ 6,025	\$ 3,509	\$ 6,431
Other non-OR therapeutic procedures on skin & breast																
N	*	9	962	*	-	*	*	306	*	*	84	*	-	1,996	*	3,382
Avg\$	\$ 7,935	\$ 6,528	\$ 35	\$ 5,805	-	\$ 3,397	\$ 832	\$ 208	\$ 8,918	\$ 4,833	\$ 1,380	\$ 10,420	-	\$ 649	\$ 215	\$ 512
Other OR therapeutic procedures on skin & breast																
N	8	30	*	*	-	*	*	*	60	6	21	40	*	163	102	449
Avg\$	\$ 8,395	\$ 9,148	\$ 5,599	\$ 15,070	-	\$ 19,689	\$ 13,653	\$ 16,453	\$ 13,868	\$ 13,494	\$ 10,990	\$ 14,414	\$ 4,914	\$ 25,815	\$ 16,127	\$ 18,130
<b>Total</b>																
N	4,858	9,923	4,810	2,151	-	1,812	3,355	4,324	6,012	3,620	20,780	9,097	1,919	58,751	2,850	134,262
Avg\$	\$ 5,228	\$ 5,833	\$ 7,476	\$ 10,139	-	\$ 6,155	\$ 9,419	\$ 10,132	\$ 5,890	\$ 8,765	\$ 4,635	\$ 5,311	\$ 5,740	\$ 5,659	\$ 3,147	\$ 5,898

Outpatient procedures are outpatient visits with a primary CPT code in CCS high-level groups 1 - 15 (not ED).  
 Column headers denote hospitals: see Appendix K.  
 Use charge data with caution. See Appendix A for details.

**Table O-11**  
**2022 Vermont Hospital Expanded Outpatient Services, including VT Residents and Non-residents**  
**Primary Cost Centers of Services Provided by Vermont Hospitals**

Primary Cost Center	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWWT	SPRF	UVMC	Total
3390 Laboratory - Clinical	34,182	76,254	23,914	7,511	10,206	14,733	31,151	33,616	56,239	33,587	85,518	43,385	28,788	189,657	668,741
6000 Clinic	4,307	56,992	27,064	1,314	68	3,050	200	7,018	2,689	16,237	47,436	53,301	5,352	154,678	379,706
4100 Radiology-Diagnostic	9,772	20,332	10,328	1,443	1,408	2,924	4,151	6,598	10,540	7,360	16,081	16,580	4,558	55,753	167,828
5600 Drugs Charged to Patients	2,715	16,380	5,479	1,011	138	1,499	1,794	3,171	3,849	5,482	10,815	18,814	3,905	59,461	134,515
3440 Mammography	4,501	8,596	1,908	1,926	-	1,309	3,209	3,322	4,187	3,643	8,162	6,606	2,415	27,267	77,051
Diagnostic	264	1,244	481	198	-	201	257	302	605	433	784	1,283	318	3,904	10,274
Screening	4,237	7,352	1,427	1,728	-	1,109	2,952	3,020	3,582	3,210	7,384	5,324	2,097	23,420	66,842
3180 Chemistry	-	1,882	-	-	5,653	3,041	*	22,292	25	*	-	41,137	-	*	74,041
3050 Bacteriology & Microbiology	-	*	-	-	763	-	813	6,354	1,708	*	14,357	40,549	-	-	64,650
3630 Ultra Sound	3,058	6,353	2,257	1,191	372	816	2,462	1,634	5,275	3,033	7,040	7,055	1,242	19,799	61,587
5000 Physical Therapy	1,126	15,926	830	2,607	891	928	688	*	*	2,103	955	1,885	939	17,659	47,313
3230 CAT Scan	1,503	4,640	1,515	1,020	280	662	1,876	1,450	2,962	1,449	3,867	3,674	958	13,883	39,739
3350 Hematology	-	-	-	-	3,410	-	-	432	19	-	-	23,373	-	-	27,234
3280 EKG and EEG	432	2,393	853	331	392	211	664	649	1,216	1,149	5,956	884	208	9,337	24,675
EKG	432	2,260	817	276	392	211	664	614	1,216	1,149	5,856	828	208	8,054	22,977
EEG	-	133	36	57	-	-	-	35	-	-	100	56	-	1,284	1,701
3420 Laboratory - Pathological	1,815	1,696	454	34	-	698	472	813	2,696	1,783	669	2,690	1,391	8,384	23,595
3420 Laboratory - Pathological	1,815	1,696	454	34	-	698	472	813	2,696	1,783	669	2,690	1,391	8,384	23,595
3260 Echocardiography	961	1,849	742	499	-	219	838	462	957	1,289	2,285	2,229	456	8,001	20,787
4800 Intravenous Therapy	684	3,175	1,494	118	96	-	518	627	1,299	692	1,711	4,389	796	2,309	17,908
3140 Cardiology	88	1,023	*	*	-	34	471	445	45	2,095	2,147	1,610	-	8,688	16,662
3190 Chemotherapy	135	1,268	623	49	-	230	-	-	-	273	1,341	1,949	178	10,395	16,441
3700 Operating Room	105	257	216	23	-	70	48	162	66	36	204	331	294	11,475	13,287
5100 Occupational Therapy	385	2,807	212	170	105	160	177	-	*	271	399	586	*	6,180	11,461
3240 Laboratory - Pathology: Cytology	-	810	-	-	-	10	948	1,697	153	319	3,903	1,823	20	1,347	11,030
5500 Med Supplies Charged to Patient	141	42	1,820	44	-	295	14	-	191	855	337	191	3,976	1,954	9,860
3380 Immunology	-	363	-	-	*	-	-	701	60	124	-	8,492	-	*	9,760

**Table O-11**  
**2022 Vermont Hospital Expanded Outpatient Services, including VT Residents and Non-residents**  
**Primary Cost Centers of Services Provided by Vermont Hospitals**

Primary Cost Center	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWWT	SPRF	UVMHC	Total
3450 Nuclear Medicine - Diagnostic	346	1,122	191	*	-	-	152	447	498	336	1,126	835	*	4,324	9,563
PET Scan	-	374	-	-	-	-	-	-	-	-	242	381	-	480	1,477
All other	346	1,121	191	184	-	-	*	447	498	336	1,126	454	*	4,321	9,178
3650 Vascular Lab	466	226	-	156	-	300	363	271	-	317	1,158	834	238	4,818	9,147
3620 Stress Test	363	776	269	233	-	-	137	452	709	568	1,048	451	57	1,884	6,947
3370 Holter Monitor	8	1,458	97	105	-	163	78	319	463	102	520	134	125	2,959	6,531
3480 Oncology	933	-	43	15	-	-	-	-	-	-	5,042	-	-	-	6,033
3800 Recovery Room	111	233	166	*	-	324	12	13	86	42	41	223	231	4,409	5,892
4000 Anesthesiology	85	209	260	11	-	393	*	24	39	41	44	*	659	3,844	5,612
3550 Psychiatric/Psychological Services	-	87	-	-	-	-	-	-	143	226	1,242	-	-	3,843	5,541
3540 Prosthetic Devices	-	383	-	-	-	-	42	-	*	14	-	*	631	2,890	3,965
3040 Audiology	9	24	*	*	-	-	11	*	10	330	2,325	-	*	791	3,520
4200 Radiology-Therapeutic	-	528	-	-	-	-	-	-	-	-	287	161	-	1,850	2,826
5200 Speech Pathology	45	889	9	54	-	31	69	52	16	129	87	239	31	669	2,320
5530 Implantable Devices Charged to Patient	40	100	100	-	-	-	-	22	16	25	41	54	96	1,606	2,100
4700 Blood Storing, Processing, & Trans	85	117	47	9	*	6	64	59	39	27	104	167	100	1,076	1,902
3320 Electroshock Therapy	-	90	-	-	-	-	-	-	-	-	-	-	-	1,246	1,336
3900 Delivery Room & Labor Room	-	*	11	*	-	-	-	28	10	9	28	250	-	740	1,081
4900 Respiratory Therapy	173	48	160	8	-	24	11	20	*	*	36	-	*	573	1,061
Total (not including subcategories)	70,389	231,024	81,516	19,916	23,782	32,828	51,905	93,963	98,901	85,729	226,981	287,571	59,035	652,133	2,016,843

Only Expanded Outpatient Records are included in this table.

Expanded Outpatient records are outpatient records with no primary CPT code in CCS high-level groups 1 through 15, and no associated ED or ObsBed revenue record.

The Primary Cost Centers reported here are just a partial list of all possible cost centers. See Appendix J for all cost centers and associated revenue codes.

Visits with multiple revenue codes for services provided within a Primary Cost Center are counted only once in that cost center per visit. Visits may have more than one Primary Cost Center and can represent more than one unit of service. Therefore, the totals shown in this table do not add up to the total number of visits to or services provided by the hospitals.

There is variation in how hospitals code certain cost centers.

Diagnostic Mammography = revenue code 401 and Screening Mammography = revenue code 403

EKG/ECG = revenue code 730, 732 or 739 and EEG = revenue code 740 or 749

PET Scan = revenue code 404

Column headers denote hospitals: key to the hospital abbreviations can be found in Appendix K.

Suppressed cells are marked \*.

**Table O-12**  
**2022 Vermont Hospital Discharges, including VT Residents and Non-residents**  
**Observation Bed Records and Average Charges by Vermont Hospital and Setting**

Vermont Hospital	Inpatient Obs Bed Records		Outpatient Obs Bed Records								Total Obs Bed Records	
	N	Avg\$	with ED revenue code only		with ED revenue code and Proc in Range		with Proc in Range only		with no ED revenue code or Proc in Range		N	Avg\$
			N	Avg\$	N	Avg\$	N	Avg\$	N	Avg\$		
Brattleboro Memorial Hospital	137	\$ 26,589	442	\$ 15,524	31	\$ 23,649	116	\$ 21,129	66	\$ 10,730	792	\$ 18,178
Central Vermont Medical Center	176	\$ 33,086	440	\$ 11,993	59	\$ 20,358	46	\$ 28,601	22	\$ 8,225	743	\$ 18,590
Copley Hospital	109	\$ 8,785	406	\$ 7,739	25	\$ 28,826	30	\$ 30,718	56	\$ 6,866	626	\$ 9,787
Gifford Medical Center	*	\$ 34,545	436	\$ 17,657	*	\$ 38,607	110	\$ 46,770	90	\$ 1,164	681	\$ 21,373
Grace Cottage Family Health & Hospital	*	\$ 15,894	87	\$ 10,075	-	\$ -	-	\$ -	*	\$ 6,745	118	\$ 9,278
Mt. Ascutney Hospital and Health Center	*	\$ 26,734	55	\$ 15,521	*	\$ 48,178	16	\$ 40,016	70	\$ 9,726	154	\$ 16,657
North Country Hospital	38	\$ 35,474	273	\$ 18,730	30	\$ 35,125	57	\$ 40,298	30	\$ 9,697	428	\$ 23,605
Northeastern Vermont Regional Hospital	85	\$ 39,007	402	\$ 14,584	34	\$ 33,909	34	\$ 48,016	15	\$ 10,929	570	\$ 21,339
Northwestern Medical Center	451	\$ 19,430	412	\$ 8,012	36	\$ 17,994	126	\$ 36,497	34	\$ 1,995	1,059	\$ 16,413
Porter Medical Center	68	\$ 21,799	893	\$ 10,787	42	\$ 27,110	87	\$ 44,165	36	\$ 6,543	1,126	\$ 14,504
Rutland Regional Medical Center	203	\$ 31,297	575	\$ 12,720	114	\$ 23,891	9	\$ 19,362	48	\$ 8,567	949	\$ 17,903
Southwestern Vermont Medical Center	173	\$ 24,780	480	\$ 14,117	74	\$ 23,888	23	\$ 23,368	17	\$ 8,379	767	\$ 17,615
Springfield Hospital	*	\$ 29,529	264	\$ 15,928	16	\$ 23,802	20	\$ 38,325	*	\$ 35,671	343	\$ 20,005
University of Vermont Medical Center	1,298	\$ 44,247	2,071	\$ 15,037	369	\$ 25,766	184	\$ 27,560	331	\$ 16,098	4,253	\$ 25,525
<b>Total</b>	<b>2,786</b>	<b>\$ 34,089</b>	<b>7,236</b>	<b>\$ 13,551</b>	<b>845</b>	<b>\$ 25,593</b>	<b>858</b>	<b>\$ 34,258</b>	<b>884</b>	<b>\$ 11,644</b>	<b>12,609</b>	<b>\$ 20,181</b>
Total for 2021	2,594	\$ 31,402	6,154	\$ 12,466	870	\$ 24,258	917	\$ 33,355	700	\$ 9,567	11,235	\$ 19,280
Total for 2020	2,399	\$ 29,289	5,251	\$ 11,524	692	\$ 23,319	858	\$ 30,084	487	\$ 6,277	9,687	\$ 18,146
Total for 2019	2,801	\$ 26,590	5,962	\$ 10,166	699	\$ 22,162	898	\$ 24,179	659	\$ 6,065	11,019	\$ 16,001
Total for 2018	3,118	\$ 25,518	6,499	\$ 9,292	701	\$ 21,004	964	\$ 23,308	719	\$ 5,914	12,001	\$ 15,120

Observation Bed records are defined by having an associated revenue code of 760 or 762.

Emergency Department records are defined as having an associated revenue code between 450 and 459.

Numbers of inpatient discharges exclude newborns (MDC 15), but average charges include newborns.

Procedure in Range records include all outpatient visits that have no associated revenue code of 45x and that have a primary CPT code in CCS high-level groups 1 through 15.

Charge data should be used with caution. See discussion in Appendix A for details.

Records with missing charges are included in the number of procedures reported but excluded from the average charges calculation.

Suppressed cells are marked \*.

Table O-13

**2022 Vermont Hospital Outpatient Visits and Expanded Outpatient Services, including VT Residents and Non-residents  
In-migration by Vermont Hospital**

**Outpatient Procedures**

<u>Vermont Hospital</u>	<u>Vermont Residents</u>		<u>Non-residents</u>		<u>Total</u>	
	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>
Brattleboro Memorial Hospital	4,090	\$ 26,088,702	821	\$ 4,880,407	4,911	\$ 30,969,109
Central Vermont Medical Center	9,473	\$ 58,445,725	134	\$ 938,898	9,607	\$ 59,384,622
Copley Hospital	4,520	\$ 48,294,263	46	\$ 1,112,205	4,566	\$ 49,406,468
Gifford Medical Center	2,186	\$ 21,870,809	25	\$ 366,039	2,211	\$ 22,236,848
Grace Cottage Family Health & Hospital	1	\$ 3,403	-	\$ -	1	\$ 3,403
Mt. Ascutney Hospital and Health Center	1,138	\$ 6,841,751	547	\$ 3,670,839	1,685	\$ 10,512,590
North Country Hospital	2,784	\$ 35,552,228	26	\$ 444,790	2,810	\$ 35,997,019
Northeastern Vermont Regional Hospital	4,665	\$ 50,049,775	411	\$ 2,767,617	5,076	\$ 52,817,392
Northwestern Medical Center	5,921	\$ 35,150,479	80	\$ 815,547	6,001	\$ 35,966,026
Porter Medical Center	3,687	\$ 34,333,124	360	\$ 3,532,904	4,047	\$ 37,866,027
Rutland Regional Medical Center	19,924	\$ 106,280,228	1,008	\$ 6,538,624	20,932	\$ 112,818,852
Southwestern Vermont Medical Center	6,378	\$ 36,239,043	2,575	\$ 16,249,881	8,953	\$ 52,488,924
Springfield Hospital	969	\$ 5,450,350	165	\$ 992,771	1,134	\$ 6,443,122
University of Vermont Medical Center	54,701	\$ 323,401,048	7,376	\$ 50,586,462	62,077	\$ 373,987,510
Green Mountain Surgical Center	6,365	\$ 21,750,350	178	\$ 1,197,279	6,543	\$ 22,947,629
<b>Total for 2022</b>	<b>126,802</b>	<b>\$ 809,751,277</b>	<b>13,752</b>	<b>\$ 94,094,263</b>	<b>140,554</b>	<b>\$ 903,845,540</b>
<b>Total for 2021</b>	<b>121,229</b>	<b>\$709,129,101</b>	<b>13,033</b>	<b>\$82,643,203</b>	<b>134,262</b>	<b>\$791,772,304</b>
<b>Total for 2020</b>	<b>103,067</b>	<b>\$600,768,418</b>	<b>11,471</b>	<b>\$74,167,297</b>	<b>114,538</b>	<b>\$674,935,715</b>
<b>Total for 2019</b>	<b>121,808</b>	<b>\$ 635,437,222</b>	<b>14,389</b>	<b>\$ 85,158,381</b>	<b>136,197</b>	<b>\$ 720,595,603</b>
<b>Total for 2018</b>	<b>116,638</b>	<b>\$ 594,535,276</b>	<b>13,591</b>	<b>\$ 81,208,602</b>	<b>130,229</b>	<b>\$ 675,743,878</b>

Table O-13

**2022 Vermont Hospital Outpatient Visits and Expanded Outpatient Services, including VT Residents and Non-residents  
In-migration by Vermont Hospital**

**Expanded Outpatient Procedures**

<u>Vermont Hospital</u>	<u>Vermont Residents</u>		<u>Non-residents</u>		<u>Total</u>	
	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>
Brattleboro Memorial Hospital	50,931	\$ 63,941,074	9,352	\$ 10,428,390	60,283	\$ 74,369,464
Central Vermont Medical Center	182,793	\$ 184,930,786	2,500	\$ 2,595,448	185,293	\$ 187,526,234
Copley Hospital	65,881	\$ 44,899,416	1,185	\$ 687,575	67,066	\$ 45,586,991
Gifford Medical Center	19,609	\$ 27,517,299	253	\$ 433,893	19,862	\$ 27,951,192
Grace Cottage Family Health & Hospital	12,772	\$ 9,479,141	326	\$ 347,645	13,098	\$ 9,826,785
Mt. Ascutney Hospital and Health Center	17,205	\$ 29,808,043	5,052	\$ 8,962,514	22,257	\$ 38,770,557
North Country Hospital	45,506	\$ 52,937,478	515	\$ 516,613	46,021	\$ 53,454,092
Northeastern Vermont Regional Hospital	61,281	\$ 48,316,363	2,352	\$ 2,207,502	63,633	\$ 50,523,866
Northwestern Medical Center	87,388	\$ 45,554,844	723	\$ 374,495	88,111	\$ 45,929,339
Porter Medical Center	66,761	\$ 47,093,088	3,802	\$ 2,756,044	70,563	\$ 49,849,132
Rutland Regional Medical Center	173,335	\$ 176,642,867	9,263	\$ 9,882,656	182,598	\$ 186,525,523
Southwestern Vermont Medical Center	136,095	\$ 125,026,901	38,649	\$ 41,538,891	174,744	\$ 166,565,792
Springfield Hospital	43,356	\$ 31,759,803	7,824	\$ 4,822,568	51,180	\$ 36,582,371
University of Vermont Medical Center	487,766	\$ 974,739,689	37,649	\$ 115,986,650	525,415	\$ 1,090,726,339
Green Mountain Surgical Center	242	\$ 1,958,250	-	\$ -	242	\$ 1,958,250
<b>Total for 2022</b>	<b>1,450,921</b>	<b>\$ 1,864,605,043</b>	<b>119,445</b>	<b>\$ 201,540,883</b>	<b>1,570,366</b>	<b>\$ 2,066,145,927</b>
<b>Total for 2021</b>	<b>1,539,763</b>	<b>\$1,695,265,969</b>	<b>135,191</b>	<b>\$184,984,932</b>	<b>1,674,954</b>	<b>\$1,880,250,901</b>
<b>Total for 2020</b>	<b>1,181,536</b>	<b>\$1,236,042,631</b>	<b>99,931</b>	<b>\$144,160,623</b>	<b>1,281,467</b>	<b>\$1,380,203,255</b>
<b>Total for 2019</b>	<b>1,321,204</b>	<b>\$ 1,299,966,062</b>	<b>106,831</b>	<b>\$ 155,217,010</b>	<b>1,428,035</b>	<b>\$ 1,455,183,072</b>
<b>Total for 2018</b>	<b>1,365,886</b>	<b>\$ 1,232,020,938</b>	<b>106,553</b>	<b>\$ 140,401,704</b>	<b>1,472,439</b>	<b>\$ 1,372,422,642</b>

Table O-13

**2022 Vermont Hospital Outpatient Visits and Expanded Outpatient Services, including VT Residents and Non-residents  
In-migration by Vermont Hospital**

**All Outpatient Procedures**

<u>Vermont Hospital</u>	<u>Vermont Residents</u>		<u>Non-residents</u>		<u>Total</u>	
	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>	<u>Discharges</u>	<u>Total Charges</u>
Brattleboro Memorial Hospital	55,021	90,029,776	10,173	15,308,797	65,194	\$ 105,338,574
Central Vermont Medical Center	192,266	243,376,511	2,634	3,534,346	194,900	\$ 246,910,856
Copley Hospital	70,401	93,193,679	1,231	1,799,780	71,632	\$ 94,993,459
Gifford Medical Center	21,795	49,388,108	278	799,931	22,073	\$ 50,188,039
Grace Cottage Family Health & Hospital	12,773	9,482,544	326	347,645	13,099	\$ 9,830,188
Mt. Ascutney Hospital and Health Center	18,343	36,649,794	5,599	12,633,353	23,942	\$ 49,283,148
North Country Hospital	48,290	88,489,707	541	961,403	48,831	\$ 89,451,110
Northeastern Vermont Regional Hospital	65,946	98,366,138	2,763	4,975,120	68,709	\$ 103,341,258
Northwestern Medical Center	93,309	80,705,323	803	1,190,042	94,112	\$ 81,895,365
Porter Medical Center	70,448	81,426,212	4,162	6,288,948	74,610	\$ 87,715,159
Rutland Regional Medical Center	193,259	282,923,095	10,271	16,421,279	203,530	\$ 299,344,374
Southwestern Vermont Medical Center	142,473	161,265,944	41,224	57,788,772	183,697	\$ 219,054,716
Springfield Hospital	44,325	37,210,154	7,989	5,815,339	52,314	\$ 43,025,493
University of Vermont Medical Center	542,467	1,298,140,737	45,025	166,573,113	587,492	\$ 1,464,713,849
Green Mountain Surgical Center	6,607	23,708,599	178	1,197,279	6,785	\$ 24,905,878
<b>Total for 2022</b>	<b>1,577,723</b>	<b>2,674,356,320</b>	<b>133,197</b>	<b>295,635,147</b>	<b>1,710,920</b>	<b>\$ 2,969,991,467</b>
<b>Total for 2021</b>	1,660,992	\$2,404,395,071	148,224	267,628,134	1,809,216	\$2,672,023,205
<b>Total for 2020</b>	1,284,603	\$1,836,811,049	111,402	\$218,327,920	1,396,005	\$2,055,138,970
<b>Total for 2019</b>	1,443,012	\$ 1,935,403,284	121,220	\$ 240,375,391	1,564,232	\$ 2,175,778,674
<b>Total for 2018</b>	1,482,524	\$ 1,826,556,213	120,144	\$ 221,610,306	1,602,668	\$ 2,048,166,519

Outpatient procedures are outpatient visits that did not originate in the ED, and that have a primary CPT code in CCS high-level groups 1 through 15.

Expanded Outpatient records include all outpatient records with no primary CPT code in CCS high-level groups 1 through 15, and no associated ED or ObsBed

# Comparisons across Hospital Settings



**Table C-1**  
**2022 Vermont Hospital Data, including VT Residents and Non-residents**  
**Summary of Discharges from Vermont Hospitals by Setting**

HO

Vermont Hospital	Inpatient Discharges		Outpatient Procedures		Emergency Department		Expanded Outpatient		Total	
	N	Col%	N	Col%	N	Col%	N	Col%	N	Col%
Brattleboro Memorial Hospital	1,671	3.7%	4,911	3.5%	12,347	5.2%	60,283	3.8%	79,212	4.0%
Central Vermont Medical Center	3,865	8.7%	9,607	6.8%	21,846	9.1%	185,293	11.8%	220,611	11.1%
Copley Hospital	1,272	2.9%	4,566	3.2%	12,432	5.2%	67,066	4.3%	85,336	4.3%
Gifford Medical Center	986	2.2%	2,211	1.6%	6,784	2.8%	19,862	1.3%	29,843	1.5%
Grace Cottage Family Health & Hospital	102	0.2%	1	0.0%	3,619	1.5%	13,098	0.8%	16,820	0.8%
Mt. Ascutney Hospital and Health Center	852	1.9%	1,685	1.2%	5,864	2.5%	22,257	1.4%	30,658	1.5%
North Country Hospital	1,283	2.9%	2,810	2.0%	13,737	5.7%	46,021	2.9%	63,851	3.2%
Northeastern Vermont Regional Hospital	1,407	3.2%	5,076	3.6%	11,851	5.0%	63,633	4.1%	81,967	4.1%
Northwestern Medical Center	2,270	5.1%	6,001	4.3%	20,773	8.7%	88,111	5.6%	117,155	5.9%
Porter Medical Center	1,306	2.9%	4,047	2.9%	20,902	8.7%	70,563	4.5%	96,818	4.9%
Rutland Regional Medical Center	5,849	13.1%	20,932	14.9%	26,000	10.9%	182,598	11.6%	235,379	11.8%
Southwestern Vermont Medical Center	3,021	6.8%	8,953	6.4%	19,806	8.3%	174,744	11.1%	206,524	10.4%
Springfield Hospital	919	2.1%	1,134	0.8%	12,298	5.1%	51,180	3.3%	65,531	3.3%
University of Vermont Medical Center	19,815	44.4%	62,077	44.2%	50,660	21.2%	525,415	33.5%	657,967	33.0%
Green Mountain Surgical Center	0	0.0%	6,543	4.7%	0	0.0%	242	0.0%	6,785	0.3%
<b>Total</b>	<b>44,618</b>	<b>100.0%</b>	<b>140,554</b>	<b>100.0%</b>	<b>238,919</b>	<b>100.0%</b>	<b>1,570,366</b>	<b>100.0%</b>	<b>1,994,457</b>	<b>100.0%</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.

Outpatient procedures are outpatient visits that did not originate in the ED, and that have a primary CPT code in CCS high-level groups 1 through 15, or that have an observation bed revenue code of 760 or 762.

ED visits are outpatient visits that originated in the ED and did not result in an inpatient stay, excluding any visit with missing or invalid diagnosis codes.

Expanded Outpatient records are outpatient records with no primary CPT code in CCS high-level groups 1 through 15, and no associated ED or ObsBed revenue record.

**Table C-2**  
**2022 Vermont Hospital Data, including VT Residents and Non-residents**  
**Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups by Hospital Setting**  
**Summary of Discharges and Average Charges**

CCSR Diagnosis Groups	Inpatient Discharges		Outpatient Procedures		Emergency Department		Expanded Outpatient		Total	
	N	Avg\$	N	Avg\$	N	Avg\$	N	Avg\$	N	Avg\$
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	434	\$41,857	1,109	\$5,153	831	\$6,388	29,824	\$1,775	32,198	\$2,564
Diseases of the circulatory system	7,947	\$52,607	3,788	\$14,097	18,195	\$5,031	153,370	\$1,080	183,300	\$4,035
Dental diseases	-	.	-	.	-	.	-	.	-	.
Diseases of the digestive system	4,629	\$36,872	10,365	\$7,945	14,361	\$5,064	35,042	\$3,108	64,397	\$6,798
Diseases of the ear and mastoid process	36	\$27,064	3,685	\$1,673	3,928	\$1,247	10,406	\$951	18,055	\$1,223
Endocrine, nutritional and metabolic diseases	1,711	\$34,140	2,100	\$3,201	3,451	\$4,211	129,058	\$622	136,320	\$1,179
External causes of morbidity	-	.	-	.	-	.	-	.	-	.
Diseases of the eye and adnexa	35	\$40,370	6,210	\$5,905	2,308	\$2,501	17,444	\$1,926	25,997	\$2,989
Factors influencing health status and contact with health services	825	\$40,187	24,998	\$4,538	4,446	\$2,277	352,732	\$1,274	383,001	\$1,591
Diseases of the genitourinary system	1,847	\$31,622	11,399	\$10,714	11,106	\$4,691	83,331	\$1,021	107,683	\$2,985
Certain infectious and parasitic diseases	4,251	\$47,197	661	\$1,265	11,106	\$2,735	22,360	\$450	38,378	\$6,388
Injury, poisoning and certain other consequences of external causes	4,219	\$60,441	4,432	\$16,168	54,209	\$2,886	58,433	\$1,059	121,293	\$4,541
Congenital malformations, deformations and chromosomal abnormalities	107	\$75,037	348	\$11,418	65	\$5,254	4,290	\$2,299	4,810	\$4,670
Mental, behavioral and neurodevelopmental disorders	2,885	\$31,792	213	\$11,134	11,337	\$2,703	30,780	\$880	45,215	\$3,401
Diseases of the musculoskeletal system and connective tissue	1,883	\$53,973	21,929	\$9,001	18,383	\$2,610	218,764	\$1,410	260,959	\$2,529
Neoplasms	1,749	\$68,625	12,338	\$7,390	480	\$9,089	84,713	\$3,613	99,280	\$5,298
Diseases of the nervous system	1,322	\$49,606	7,821	\$4,467	8,514	\$4,740	42,917	\$3,282	60,574	\$4,670
Certain conditions originating in the perinatal period	5	\$17,916	21	\$1,561	140	\$2,887	1,187	\$451	1,353	\$14,334
Pregnancy, childbirth and the puerperium	5,170	\$16,594	3,852	\$1,715	2,725	\$3,095	33,936	\$667	45,683	\$2,788
Diseases of the respiratory system	3,894	\$30,046	6,939	\$2,549	19,742	\$2,600	34,682	\$870	65,257	\$3,338
Diseases of the skin and subcutaneous tissue	743	\$25,556	5,201	\$1,600	7,921	\$1,811	28,356	\$861	42,221	\$1,577
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	926	\$27,418	13,145	\$3,220	45,671	\$3,804	198,741	\$962	258,483	\$1,685
<b>Total Discharges and Average Charges</b>	<b>44,618</b>	<b>\$39,045</b>	<b>140,554</b>	<b>\$6,431</b>	<b>238,919</b>	<b>\$3,414</b>	<b>1,570,366</b>	<b>\$1,348</b>	<b>1,994,457</b>	<b>\$2,919</b>
<b>Total Charges</b>	<b>\$1,939,185,225</b>		<b>\$903,845,540</b>		<b>\$815,737,481</b>		<b>\$2,066,145,927</b>		<b>\$5,724,914,172</b>	

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes, but average and total charges include newborns.

Outpatient procedures are outpatient visits that did not originate in the ED, and that have a primary CPT code in CCS high-level groups 1 through 15, or that have an observation bed revenue code of 760 or 762.

ED visits are outpatient visits that originated in the ED and did not result in an inpatient stay, excluding any visit with missing or invalid diagnosis codes.

Expanded Outpatient records are outpatient records with no primary CPT code in CCS high-level groups 1 through 15, and no associated ED or ObsBed revenue record.

Charge data should be used with caution. See discussion in Appendix A for details.

Records with missing charges are included in the number of procedures reported but excluded from the average charges.

Total charges of \$0.00 or less are considered missing for outpatient records and total charges of \$100 or less are considered missing for inpatient records.

**Table C-3**  
**2022 Vermont Hospital Data, including VT Residents and Non-residents**  
**Clinical Classifications Software (CCS) High Level Procedure Groups by Hospital Setting**  
**Summary of Discharges and Average Charges**

CCS Procedure Groups	Inpatient Discharges		Outpatient Procedures		Emergency Department		Expanded Outpatient		Total	
	N	Avg\$	N	Avg\$	N	Avg\$	N	Avg\$	N	Avg\$
Operations on the nervous system	837	\$ 96,372	17,571	\$ 4,248	217	\$ 2,727	-	\$ -	18,625	\$ 8,493
Operations on the endocrine system	35	\$ 69,054	246	\$ 16,060	-	\$ -	-	\$ -	281	\$ 22,660
Operations on the eye	11	\$ 205,673	6,607	\$ 5,745	27	\$ 13,517	-	\$ -	6,645	\$ 6,137
Operations on the ear	40	\$ 83,021	3,039	\$ 1,558	22	\$ 1,822	-	\$ -	3,101	\$ 2,637
Operations on the nose, mouth, and pharynx	156	\$ 48,409	3,950	\$ 3,861	127	\$ 4,351	-	\$ -	4,233	\$ 6,009
Operations on the respiratory system	801	\$ 65,507	12,252	\$ 1,849	40	\$ 12,595	-	\$ -	13,093	\$ 5,785
Operations on the cardiovascular system	3,250	\$ 103,329	6,948	\$ 11,948	259	\$ 13,165	-	\$ -	10,457	\$ 40,711
Operations on the hemic and lymphatic system	158	\$ 122,058	635	\$ 16,343	2	\$ 14,261	-	\$ -	795	\$ 37,348
Operations on the digestive system	3,438	\$ 60,268	40,700	\$ 6,270	1,128	\$ 19,172	-	\$ -	45,266	\$ 10,726
Operations on the urinary system	617	\$ 57,613	6,115	\$ 6,977	202	\$ 18,343	-	\$ -	6,934	\$ 11,827
Operations on the male genital organs	94	\$ 12,874	1,474	\$ 8,567	41	\$ 14,154	-	\$ -	1,609	\$ 10,741
Operations on the female genital organs	263	\$ 48,986	4,857	\$ 8,797	125	\$ 17,131	-	\$ -	5,245	\$ 11,011
Obstetrical procedures	4,645	\$ 16,737	3,636	\$ 1,242	25	\$ 15,350	-	\$ -	8,306	\$ 9,951
Operations on the musculoskeletal system	3,228	\$ 68,994	17,133	\$ 13,295	597	\$ 11,090	-	\$ -	20,958	\$ 21,816
Operations on the integumentary system	945	\$ 61,391	15,391	\$ 4,279	1,889	\$ 1,986	-	\$ -	18,225	\$ 7,012
Miscellaneous diagnostic and therapeutic procs	600	\$ 94,945	-	\$ -	233,062	\$ 3,259	649,906	\$ 1,545	883,568	\$ 2,069
New Categories specific to CPT/HCPCS	-	\$ -	-	\$ -	1,139	\$ 10,223	597,725	\$ 1,631	598,864	\$ 1,647
<b>Total Discharges and Average Charges</b>	<b>19,118</b>	<b>\$ 58,618</b>	<b>140,554</b>	<b>\$ 6,431</b>	<b>238,902</b>	<b>\$ 3,414</b>	<b>1,247,631</b>	<b>\$ 1,586</b>	<b>1,646,205</b>	<b>\$ 2,981</b>
<b>Total charges</b>		<b>\$1,214,161,297</b>		<b>\$903,845,540</b>		<b>\$815,572,494</b>		<b>\$1,979,072,811</b>		<b>\$4,912,652,142</b>

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes, but average and total charges include newborns.

Outpatient procedures are outpatient visits that did not originate in the ED, and that have a primary CPT code in CCS high-level groups 1 through 15, or that have an observation bed revenue code of 760 or 762.

ED visits are outpatient visits that originated in the ED and did not result in an inpatient stay, excluding any visit with missing or invalid diagnosis codes.

Expanded Outpatient records are outpatient records with no primary CPT code in CCS high-level groups 1 through 15, and no associated ED or ObsBed revenue record. Many of these records have no procedure code.

Charge data should be used with caution. See discussion in Appendix A for details.

Records with missing charges are included in the number of procedures reported but excluded from the average charges.

Total charges of \$0.00 or less are considered missing for outpatient records and total charges of \$100 or less are considered missing for inpatient records.

# Appendices

# Appendix A

## Additional Definitions

**Average length of stay:** Average length of stay is the total patient days divided by the number of discharges in a selected category. It is a rough measure of the amount of care provided during a typical hospital stay.

**Charges:** Charges in this report are defined as hospital "facility" charges that are calculated by subtracting professional fees and patient convenience items charges from the total charge. However, facility charge data are not always reported according to the strict definition and some hospitals may have included salaried and contracted physician fees in their facility charges.

Comparative analyses of hospital charges must take into account the limitations of charge data. The payments that hospitals receive for an episode of care rarely equal what is charged. All patients, or insurance plans, do not pay the same amount for similar treatments, supplies and services, even though they may be billed the same amount. Private insurers generally negotiate separately with hospitals to set reimbursement rates. The federal and state governments set Medicare and Medicaid reimbursement rates independently. Variations in charges and reimbursement may be designed so services are cross-subsidized.

Charges for hospital admissions with the same principal procedure cannot be expected to be identical, not only because hospitals differ in their assignment of charges, but because patients differ in the severity of their conditions. In general, charges for inpatient procedures tend to be higher than comparable procedures performed in an outpatient setting. In many cases, those treated in an inpatient setting have complicating conditions or other health risks that add to the cost of their care and make them poor candidates for outpatient services.

Throughout this report, to avoid counting hospitalizations for delivery twice, the maternal record is included, but the newborn record is not. However, charges on the newborn record are included in summary calculations of charges.

**Clinical Classifications Software Refined (CCSR) Grouper:** CCSR was developed at the Agency for Healthcare Research and Quality (AHRQ). CCSR groups ICD-10-CM principal diagnosis codes into meaningful categories. CCSR aggregates diagnoses of illnesses and conditions into more than 541 single-level diagnosis categories. CCSR further collapses these single-level diagnosis groups into high-level categories, broad groups based on body systems or condition categories.

Similarly, CCSR provides software versions for grouping ICD-10-PCS procedure codes. There is still a Clinical Classifications Software (CCS) that groups HCPCS/CPT codes into a single- and high-level procedure categories. These versions and other software tools are available at [https://www.hcup-us.ahrq.gov/toolssoftware/ccsr/ccs\\_refined.jsp](https://www.hcup-us.ahrq.gov/toolssoftware/ccsr/ccs_refined.jsp)

**Diagnosis:** The condition, determined after study, which occasioned the patient's admission to the hospital. The accuracy or reliability of the diagnosis depends on several factors including the physician's understanding of the problem and the recorder's ability to fit this to established coding conventions. For those cases with multiple problems, the primary diagnosis may not be the reason for surgery or cause of death.

**Discharge:** The equivalent of a hospital admission, except that for a specified time period, only those cases discharged are counted. A count of discharges measures how often care is sought. The same individual will be counted as more than one discharge if hospitalized more than

once during the time studied. Note that discharges do not necessarily reflect disease incidence or prevalence, just the fact of utilization of the hospital resource. Maternal records are included, but newborn records are excluded from the inpatient tables, to avoid duplicate counts. However, newborn records are retained in the Vermont Uniform Hospital Discharge Dataset and charges on the newborn record are included in summary calculations of charges.

**Emergency Department (ED) Dataset:** Consists of all records with an associated revenue code of 45x (Emergency Room).

**Expanded Outpatient Dataset:** Consists of all outpatient records that do not have a primary CPT code in CCS CPT high level procedure groups 1 through 15, or an associated ED (45x) or Observation Bed (760 or 762) revenue code. Dataset includes all other diagnostic and therapeutic services such as laboratory and radiological services.

**Inpatient Dataset:** Consists of discharge records that were billed as an inpatient stay, including those with an associated ED revenue code. Maternal records are included in counts, but newborns are excluded to avoid duplicate counts. However, newborn records are retained in the Vermont Uniform Hospital Discharge Dataset and charges on the newborn record are included in summary calculations of charges.

**Observation Bed:** Outpatient records with an associated revenue code of 760 or 762. A status recognized by third-party payers - e.g. Medicare, health insurance companies and others, in which a patient is admitted to the hospital for a period of 23 hours and 59 minutes or more, depending on the 3rd party, with either a specific 'rule/out' diagnostic consideration - e.g., appendicitis, angina, pneumonia, or MI; observation may also refer to a known patient status, in which a previously diagnosed condition is managed under observation - e.g., dehydration, anemia, etc.; a popular term for a bed occupied by a person in an outpatient observation status. (McGraw-Hill Concise Dictionary of Modern Medicine. © 2002 by The McGraw-Hill Companies, Inc.)

**Outpatient Procedures Dataset:** Consists of outpatient records with a primary CPT code in CCS CPT high level procedure groups 1 through 15 that was performed in an operating room, ambulatory surgery area, or other outpatient setting.

**Patient day:** Defined as a stay in a hospital for all or part of a day. Patient days are one way of measuring the amount of care provided.

**Population-based Rate:** The rate of a population's use of hospital services. Because data for Vermont residents using hospitals in bordering states are not available at the time of production of this report, it is not possible to calculate accurate population-based rates for Vermont residents for this report.

**Primary Cost Center:** The Centers for Medicare and Medicaid Services (CMS) developed a mapping tool to map revenue charges on a claim to a cost center. The crosswalk is available at the website: <http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalOutpatientPPS/Annual-Policy-Files-Items/CMS1253695.html?DLPage=1&DLSort=0&DLSortDir=ascending>.

**Principal Payer:** The anticipated principal source of payment of the patient's hospital bill recorded by the hospital on each discharge record.

## Appendix B

### Reporting of Diagnosis and Procedures

#### Vermont Hospitals' Reporting of Outpatient Procedures.

As of July 1, 2014, Vermont hospitals are required to report outpatient procedures using the HCPCS/CPT coding system: these codes are included on each of one-to-many revenue records per visit, and there is no determination by the reporting hospital of which CPT code is considered to be primary. Therefore, a primary CPT has been calculated for each outpatient visit using an algorithm that includes Relative Value Units (RVU), hospital facility charges, and whether the CPT code is for an ambulatory surgical procedure.

**Relative Value Units.** Relative value units (RVUs) are a measure of value used in the United States Medicare reimbursement formula for physician services. Medicare pays physicians for services based on submission of a claim using one or more specific CPT codes. For each service, a payment formula contains three RVUs, one for physician work (including factors such as the physician's time, mental effort or intensity, technical skill, and judgment), one for practice expense (including factors such as the direct expenses of supplies and non-physician labor), and one for malpractice expense. The three RVUs for a given service are each multiplied by a unique geographic practice cost index, referred to as the GPCI adjustment, to account for differences in wages and overhead costs across regions of the country. The sum of the three geographically weighted RVU values is then multiplied by the Medicare conversion factor to determine the amount of payment.

Based on the above, the RVUs can be used as an estimate of the value of physician services. A CPT code with a higher RVU indicates a procedure that takes more time, intensity, skill, and/or resources than a CPT with a lower RVU.

**Calculation of Primary CPT.** For each outpatient visit, the CPT code with the highest RVU is considered to be the primary CPT code. For discharges where there is more than one CPT code with the same RVU, the one with the higher charges is selected as Primary. For discharges with more than one CPT code with the same RVU and the same charges, the next comparison is whether one CPT code is considered to be ambulatory surgery (CPT range 10021-69990) and one is not: in this instance, the CPT code for ambulatory surgery is selected as primary. If the CPT codes are both for ambulatory surgery (or both not), selection as primary CPT is based on service date or on record number.

### CCS and CCSR Grouping of Procedures into Categories.

Clinical Classification Software (CCS) groups outpatient HCPCS/CPT codes into the same single- and high-level categories based on body systems. The single-level procedure CCS aggregates procedures into 244 mutually exclusive categories, most representing single types of procedures. High-level CCS groups further collapse single-level groups into broad categories based on body systems or condition. CCS groupings for outpatient procedures are first based on the presence of a primary CPT code in CCS range.

### Federal Requirements for Reporting of All Diagnoses and Inpatient Procedures.

As of October 1, 2015, federal requirements mandated that hospitals use the ICD-10- CM/PCS system for reporting all diagnoses and inpatient procedures in all hospital settings. For all diagnoses, Clinical Classification Software Refined (CCSR) groups ICD-10-CM diagnosis codes into the same single- and high-level diagnosis categories based on body systems.

For inpatient procedures, Clinical Classification Software Refined (CCSR) groups ICD-10-PCS procedure codes into the same single- and high-level procedure categories based on body systems.

CCS also groups ICD-10-PCS and HCPCS/CPT codes into the same single- and high-level procedure categories based on body systems, which allows for analyses of procedure groups within and across hospital settings, and across time.



## APPENDIX C

### Clinical Classifications Software (CCS) High Level Procedure Categories for Outpatient Services and Comparisons Across Settings

#### CCS High Level Procedure Groups

- 1 Operations on the nervous system
- 2 Operations on the endocrine system
- 3 Operations on the eye
- 4 Operations on the ear
- 5 Operations on the nose, mouth, and pharynx
- 6 Operations on the respiratory system
- 7 Operations on the cardiovascular system
- 8 Operations on the hemic and lymphatic system
- 9 Operations on the digestive system
- 10 Operations on the urinary system
- 11 Operations on the male genital organs
- 12 Operations on the female genital organs
- 13 Obstetrical procedures
- 14 Operations on the musculoskeletal system
- 15 Operations on the integumentary system
- 16 Miscellaneous diagnostic and therapeutic procedures
- 17 New categories specific to CPT/HCPCS

## APPENDIX D

### Clinical Classifications Software Refined (CCSR) High-Level and Single-Level Diagnosis Categories

#### CCSR High Level Diagnosis Group 1: Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism

- 1 Nutritional anemia
- 2 Hemolytic anemia
- 3 Aplastic anemia
- 4 Acute posthemorrhagic anemia
- 5 Sickle cell trait/anemia
- 6 Coagulation and hemorrhagic disorders
- 7 Diseases of white blood cells
- 8 Immunity disorders
- 9 Postprocedural or postoperative complications of the spleen
- 10 Other specified and unspecified hematologic conditions

#### CCSR High Level Diagnosis Group 2: Diseases of the Circulatory System

- 11 Chronic rheumatic heart disease
- 12 Acute rheumatic heart disease
- 13 Nonrheumatic and unspecified valve disorders
- 14 Endocarditis and endocardial disease
- 15 Myocarditis and cardiomyopathy
- 16 Pericarditis and pericardial disease
- 17 Essential hypertension
- 18 Hypertension with complications and secondary hypertension
- 19 Acute myocardial infarction
- 20 Complications of acute myocardial infarction
- 21 Coronary atherosclerosis and other heart disease
- 22 Nonspecific chest pain
- 23 Acute pulmonary embolism

- 24 Pulmonary heart disease
- 25 Other and ill-defined heart disease
- 26 Conduction disorders
- 27 Cardiac dysrhythmias
- 28 Cardiac arrest and ventricular fibrillation
- 29 Heart failure
- 30 Cerebral infarction
- 31 Acute hemorrhagic cerebrovascular disease
- 32 Sequela of hemorrhagic cerebrovascular disease
- 33 Occlusion or stenosis of precerebral or cerebral arteries without infarction
- 34 Other and ill-defined cerebrovascular disease
- 35 Sequela of cerebral infarction and other cerebrovascular disease
- 36 Peripheral and visceral vascular disease
- 37 Arterial dissections
- 38 Gangrene
- 39 Aortic; peripheral; and visceral artery aneurysms
- 40 Aortic and peripheral arterial embolism or thrombosis
- 41 Hypotension
- 42 Other specified and unspecified circulatory disease
- 43 Acute phlebitis; thrombophlebitis and thromboembolism
- 44 Chronic phlebitis; thrombophlebitis and thromboembolism
- 45 Varicose veins of lower extremity
- 46 Postthrombotic syndrome and venous insufficiency/hypertension
- 47 Vasculitis
- 48 Postprocedural or postoperative circulatory system complication
- 49 Other specified diseases of veins and lymphatics

CCSR High Level Diagnosis Group 3: Dental Diseases

- 50 Any dental condition including traumatic injury
- 51 Nontraumatic dental conditions
- 52 Caries, periodontitis, and other preventable dental conditions

CCSR High Level Diagnosis Group 4: Diseases of the Digestive System

- 53 Intestinal infection
- 54 Disorders of teeth and gingiva
- 55 Diseases of mouth; excluding dental
- 56 Esophageal disorders
- 57 Gastroduodenal ulcer
- 58 Gastrointestinal and biliary perforation
- 59 Gastritis and duodenitis
- 60 Other specified and unspecified disorders of stomach and duodenum
- 61 Appendicitis and other appendiceal conditions
- 62 Abdominal hernia
- 63 Regional enteritis and ulcerative colitis
- 64 Intestinal obstruction and ileus
- 65 Diverticulosis and diverticulitis
- 66 Hemorrhoids
- 67 Anal and rectal conditions
- 68 Peritonitis and intra-abdominal abscess
- 69 Biliary tract disease
- 70 Hepatic failure
- 71 Other specified and unspecified liver disease
- 72 Pancreatic disorders (excluding diabetes)
- 73 Gastrointestinal hemorrhage
- 74 Noninfectious gastroenteritis
- 75 Noninfectious hepatitis
- 76 Postprocedural or postoperative digestive system complication
- 77 Other specified and unspecified gastrointestinal disorders

CCSR High Level Diagnosis Group 5: Diseases of the Ear and Mastoid Process

- 78 Otitis media
- 79 Diseases of middle ear and mastoid (except otitis media)
- 80 Diseases of inner ear and related conditions
- 81 Hearing loss
- 82 Postprocedural or postoperative ear and/or mastoid process complication
- 83 Other specified and unspecified disorders of the ear

CCSR High Level Diagnosis Group 6: Endocrine, Nutritional and Metabolic Diseases

- 84 Thyroid disorders
- 85 Diabetes mellitus without complication
- 86 Diabetes mellitus with complication
- 87 Diabetes mellitus, Type 1
- 88 Diabetes mellitus, Type 2
- 89 Diabetes mellitus, due to underlying condition, drug or chemical induced other specified type
- 90 Nutritional deficiencies
- 91 Malnutrition
- 92 Obesity
- 93 Disorders of lipid metabolism
- 94 Fluid and electrolyte disorders
- 95 Cystic fibrosis
- 96 Pituitary disorders
- 97 Postprocedural or postoperative endocrine or metabolic complication
- 98 Other specified and unspecified endocrine disorders
- 99 Other specified and unspecified nutritional and metabolic disorders
- 100 Sequela of malnutrition and other nutritional deficiencies

CCSR High Level Diagnosis Group 7: External Causes of Morbidity

- 101 External cause codes: cut/pierce; initial encounter
- 102 External cause codes: drowning/submersion; initial encounter
- 103 External cause codes: fall; initial encounter
- 104 External cause codes: fire/burn; initial encounter

- 105 External cause codes: firearm; initial encounter
- 106 External cause codes: machinery; initial encounter
- 107 External cause codes: motor vehicle traffic (MVT); initial encounter
- 108 External cause codes: pedal cyclist; not MVT; initial encounter
- 109 External cause codes: pedestrian; not MVT; initial encounter
- 110 External cause codes: transport; not MVT; initial encounter
- 111 External cause codes: natural/environment; initial encounter
- 112 External cause codes: bites; initial encounter
- 113 External cause codes: overexertion; initial encounter
- 114 External cause codes: poisoning by drug
- 115 External cause codes: poisoning by non-drug
- 116 External cause codes: struck by; against; initial encounter
- 117 External cause codes: suffocation/inhalation; initial encounter
- 118 External cause codes: other specified, classifiable and NEC; initial encounter
- 119 External cause codes: unspecified mechanism
- 120 External cause codes: intent of injury, accidental/unintentional
- 121 External cause codes: intent of injury, self-harm
- 122 External cause codes: intent of injury, assault
- 123 External cause codes: intent of injury, undetermined
- 124 External cause codes: intent of injury, legal intervention/war
- 125 External cause codes: complications of medical and surgical care, initial encounter
- 126 External cause codes: activity codes
- 127 External cause codes: place of occurrence of the external cause
- 128 External cause codes: evidence of alcohol involvement
- 129 External cause codes: subsequent encounter
- 130 External cause codes: sequela

CCSR High Level Diagnosis Group 8: Diseases of the Eye and Adnexa

- 131 Cornea and external disease
- 132 Cataract and other lens disorders
- 133 Glaucoma
- 134 Uveitis and ocular inflammation
- 135 Retinal and vitreous conditions
- 136 Neuro-ophthalmology
- 137 Strabismus

- 138 Oculofacial plastics and orbital conditions
- 139 Refractive error
- 140 Blindness and vision defects
- 141 Postprocedural or postoperative eye complication
- 142 Other specified eye disorders

CCSR High Level Diagnosis Group 9: Factors Influencing Health Status and Contact with Health Services

- 143 Encounter for administrative purposes
- 144 Encounter for mental health services related to abuse
- 145 Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)
- 146 Encounter for prophylactic or other procedures
- 147 Encounter for prophylactic measures (excludes immunization)
- 148 Encounter for antineoplastic therapies
- 149 Encounter for mental health conditions
- 150 Neoplasm-related encounters
- 151 Implant, device or graft related encounter
- 152 Other aftercare encounter
- 153 Counseling related to sexual behavior or orientation
- 154 Other specified encounters and counseling
- 155 Contraceptive and procreative management
- 156 Medical examination/evaluation
- 157 Resistance to antimicrobial drugs
- 158 Exposure, encounters, screening or contact with infectious disease
- 159 No immunization or underimmunization
- 160 Screening for neurocognitive or neurodevelopmental condition
- 161 Socioeconomic/psychosocial factors
- 162 Lifestyle/life management factors
- 163 Personal/family history of disease
- 164 Acquired absence of limb or organ
- 165 Organ transplant status
- 166 Carrier status
- 167 Other specified status

CCSR High Level Diagnosis Group 10: Diseases of the Genitourinary System

- 168 Nephritis; nephrosis; renal sclerosis
- 169 Acute and unspecified renal failure
- 170 Chronic kidney disease
- 171 Urinary tract infections
- 172 Calculus of urinary tract
- 173 Other specified and unspecified diseases of kidney and ureters
- 174 Other specified and unspecified diseases of bladder and urethra
- 175 Urinary incontinence
- 176 Hematuria
- 177 Proteinuria
- 178 Vesicoureteral reflux
- 179 Hyperplasia of prostate
- 180 Inflammatory conditions of male genital organs
- 181 Erectile dysfunction
- 182 Male infertility
- 183 Other specified male genital disorders
- 184 Nonmalignant breast conditions
- 185 Inflammatory diseases of female pelvic organs
- 186 Endometriosis
- 187 Prolapse of female genital organs
- 188 Menstrual disorders
- 189 Benign ovarian cyst
- 190 Menopausal disorders
- 191 Female infertility
- 192 Other specified female genital disorders
- 193 Postprocedural or postoperative genitourinary system complication

CCSR High Level Diagnosis Group 11: Certain Infectious and Parasitic Diseases

- 194 Tuberculosis
- 195 Septicemia
- 196 Bacterial infections
- 197 Fungal infections

- 198 Foodborne intoxications
- 199 HIV infection
- 200 Hepatitis
- 201 Viral infection
- 202 Parasitic, other specified and unspecified infections
- 203 Sexually transmitted infections (excluding HIV and hepatitis)
- 204 Sequela of specified infectious disease conditions
- 205 Coronavirus disease – 2019 (COVID-19)

CCSR High Level Diagnosis Group 12: Injury, Poisoning and Certain Other Consequences of External Causes

- 206 Fracture of head and neck, initial encounter
- 207 Fracture of the spine and back, initial encounter
- 208 Fracture of torso, initial encounter
- 209 Fracture of the upper limb, initial encounter
- 210 Fracture of the lower limb (except hip), initial encounter
- 211 Fracture of the neck of the femur (hip), initial encounter
- 212 Dislocations, initial encounter
- 213 Traumatic brain injury (TBI); concussion, initial encounter
- 214 Spinal cord injury (SCI), initial encounter
- 215 Internal organ injury, initial encounter
- 216 Open wounds of head and neck, initial encounter
- 217 Open wounds to limbs, initial encounter
- 218 Open wounds of trunk, initial encounter
- 219 Amputation of a limb, initial encounter
- 220 Amputation of other body parts, initial encounter
- 221 Injury to blood vessels, initial encounter
- 222 Superficial injury; contusion, initial encounter
- 223 Crushing injury, initial encounter
- 224 Burn and corrosion, initial encounter
- 225 Effect of foreign body entering opening, initial encounter
- 226 Effect of other external causes, initial encounter
- 227 Poisoning by drugs, initial encounter
- 228 Toxic effects, initial encounter
- 229 Sprains and strains, initial encounter
- 230 Injury to nerves, muscles and tendons, initial encounter

231 Other specified injury  
232 Other unspecified injury  
233 Adverse effects of drugs and medicaments, initial encounter  
234 Underdosing of drugs and medicaments, initial encounter  
235 Drug induced or toxic related condition  
236 Allergic reactions  
237 Maltreatment/abuse  
238 Complication of cardiovascular device, implant or graft, initial encounter  
239 Complication of genitourinary device, implant or graft, initial encounter  
240 Complication of internal orthopedic device or implant, initial encounter  
241 Complication of transplanted organs or tissue, initial encounter  
242 Complication of other surgical or medical care, injury, initial encounter  
243 Fracture of head and neck, subsequent encounter  
244 Fracture of the spine and back, subsequent encounter  
245 Fracture of torso, subsequent encounter  
246 Fracture of the upper limb, subsequent encounter  
247 Fracture of lower limb (except hip), subsequent encounter  
248 Fracture of the neck of the femur (hip), subsequent encounter  
249 Dislocations, subsequent encounter  
250 Traumatic brain injury (TBI); concussion, subsequent encounter  
251 Spinal cord injury (SCI), subsequent encounter  
252 Internal organ injury, subsequent encounter  
253 Open wounds of head and neck, subsequent encounter  
254 Open wounds to limbs, subsequent encounter  
255 Open wounds of trunk, subsequent encounter  
256 Amputation of a limb, subsequent encounter  
257 Amputation of other body parts, subsequent encounter  
258 Injury to blood vessels, subsequent encounter  
259 Superficial injury; contusion, subsequent encounter  
260 Crushing injury, subsequent encounter  
261 Burns and corrosion, subsequent encounter  
262 Effect of foreign body entering opening, subsequent encounter  
263 Effect of other external causes, subsequent encounter

264 Poisoning by drugs, subsequent encounter  
265 Toxic effects, subsequent encounter  
266 Sprains and strains, subsequent encounter  
267 Injury to nerves, muscles and tendons, subsequent encounter  
268 Other specified injury, subsequent encounter  
269 Other unspecified injuries, subsequent encounter  
270 Adverse effects of drugs and medicaments, subsequent encounter  
271 Underdosing of drugs and medicaments, subsequent encounter  
272 Allergic reactions, subsequent encounter  
273 Maltreatment/abuse, subsequent encounter  
274 Complication of cardiovascular device, implant or graft, subsequent encounter  
275 Complication of genitourinary device, implant or graft, subsequent encounter  
276 Complication of internal orthopedic device or implant, subsequent encounter  
277 Complication of other surgical or medical care, injury, subsequent encounter  
278 Injury, sequela  
279 Effect of other external causes, sequela  
280 Poisoning/toxic effect/adverse effects/underdosing, sequela  
281 Complication, sequela

#### CCSR High Level Diagnosis Group 13: Congenital Malformations, Deformations and Chromosomal Abnormalities

282 Cardiac and circulatory congenital anomalies  
283 Digestive congenital anomalies  
284 Genitourinary congenital anomalies  
285 Nervous system congenital anomalies  
286 Congenital malformations of eye, ear, face, neck  
287 Cleft lip or palate  
288 Respiratory congenital malformations  
289 Musculoskeletal congenital conditions  
290 Chromosomal abnormalities  
291 Other specified and unspecified congenital anomalies

CCSR High Level Diagnosis Group 14: Mental, Behavioral and Neurodevelopmental Disorders

- 292 Schizophrenia spectrum and other psychotic disorders
- 293 Depressive disorders
- 294 Bipolar and related disorders
- 295 Other specified and unspecified mood disorders
- 296 Anxiety and fear-related disorders
- 297 Obsessive-compulsive and related disorders
- 298 Trauma- and stressor-related disorders
- 299 Disruptive, impulse-control and conduct disorders
- 300 Personality disorders
- 301 Feeding and eating disorders
- 302 Somatic disorders
- 303 Suicidal ideation/attempt/intentional self-harm
- 304 Miscellaneous mental and behavioral disorders/conditions
- 305 Neurodevelopmental disorders
- 306 Alcohol-related disorders
- 307 Opioid-related disorders
- 308 Cannabis-related disorders
- 309 Sedative-related disorders
- 310 Stimulant-related disorders
- 311 Hallucinogen-related disorders
- 312 Inhalant-related disorders
- 313 Tobacco-related disorders
- 314 Other specified substance-related disorders
- 315 Mental and substance use disorders in remission
- 316 Suicide attempt/intentional self-harm; subsequent encounter
- 317 Opioid-related disorders; subsequent encounter
- 318 Stimulant-related disorders; subsequent encounter
- 319 Cannabis-related disorders; subsequent encounter
- 320 Hallucinogen-related disorders; subsequent encounter
- 321 Sedative-related disorders; subsequent encounter
- 322 Inhalant-related disorders; subsequent encounter
- 323 Mental and substance use disorders; sequela

CCSR High Level Diagnosis Group 15: Diseases of the Musculoskeletal System and Connective Tissue

- 324 Infective arthritis
- 325 Osteomyelitis
- 326 Rheumatoid arthritis and related disease
- 327 Juvenile arthritis
- 328 Other specified chronic arthropathy
- 329 Osteoarthritis
- 330 Other specified joint disorders
- 331 Immune-mediated/reactive arthropathies
- 332 Tendon and synovial disorders
- 333 Musculoskeletal pain, not low back pain
- 334 Spondylopathies/spondyloarthropathy (including infective)
- 335 Biomechanical lesions
- 336 Osteoporosis
- 337 Pathological fracture, initial encounter
- 338 Pathological fracture, subsequent encounter
- 339 Stress fracture, initial encounter
- 340 Stress fracture, subsequent encounter
- 341 Atypical fracture, initial encounter
- 342 Atypical fracture, subsequent encounter
- 343 Pathological, stress and atypical fractures, sequela
- 344 Acquired foot deformities
- 345 Scoliosis and other postural dorsopathic deformities
- 346 Acquired deformities (excluding foot)
- 347 Systemic lupus erythematosus and connective tissue disorders
- 348 Other specified connective tissue disease
- 349 Muscle disorders
- 350 Musculoskeletal abscess
- 351 Other specified bone disease and musculoskeletal deformities
- 352 Disorders of jaw
- 353 Aseptic necrosis and osteonecrosis
- 354 Traumatic arthropathy
- 355 Neurogenic/neuropathic arthropathy

356 Gout  
357 Crystal arthropathies (excluding gout)  
358 Osteomalacia  
359 Autoinflammatory syndromes  
360 Postprocedural or postoperative musculoskeletal system complication  
361 Low back pain

CCSR High Level Diagnosis Group 16: Neoplasms

362 Head and neck cancers - eye  
363 Head and neck cancers - lip and oral cavity  
364 Head and neck cancers - throat  
365 Head and neck cancers - salivary gland  
366 Head and neck cancers - nasopharyngeal  
367 Head and neck cancers - hypopharyngeal  
368 Head and neck cancers - pharyngeal  
369 Head and neck cancers - laryngeal  
370 Head and neck cancers - tonsils  
371 Head and neck cancers - all other types  
372 Cardiac cancers  
373 Gastrointestinal cancers - esophagus  
374 Gastrointestinal cancers - stomach  
375 Gastrointestinal cancers - small intestine  
376 Gastrointestinal cancers - colorectal  
377 Gastrointestinal cancers - anus  
378 Gastrointestinal cancers - liver  
379 Gastrointestinal cancers - bile duct  
380 Gastrointestinal cancers - gallbladder  
381 Gastrointestinal cancers - peritoneum  
382 Gastrointestinal cancers - all other types  
383 Respiratory cancers  
384 Bone cancer  
385 Sarcoma  
386 Skin cancers - melanoma  
387 Skin cancers - basal cell carcinoma  
388 Skin cancers - squamous cell carcinoma  
389 Skin cancers - all other types

390 Breast cancer - ductal carcinoma in situ (DCIS)  
391 Breast cancer - all other types  
392 Female reproductive system cancers - uterus  
393 Female reproductive system cancers - cervix  
394 Female reproductive system cancers - ovary  
395 Female reproductive system cancers - fallopian tube  
396 Female reproductive system cancers - endometrium  
397 Female reproductive system cancers - vulva  
398 Female reproductive system cancers - vagina  
399 Female reproductive system cancers - all other types  
400 Male reproductive system cancers - prostate  
401 Male reproductive system cancers - testis  
402 Male reproductive system cancers - penis  
403 Male reproductive system cancers - all other types  
404 Urinary system cancers - bladder  
405 Urinary system cancers - ureter and renal pelvis  
406 Urinary system cancers - kidney  
407 Urinary system cancers - urethra  
408 Urinary system cancers - all other types  
409 Nervous system cancers - brain  
410 Nervous system cancers - all other types  
411 Endocrine system cancers - thyroid  
412 Endocrine system cancers - pancreas  
413 Endocrine system cancers - thymus  
414 Endocrine system cancers - adrenocortical  
415 Endocrine system cancers - parathyroid  
416 Endocrine system cancers - pituitary gland  
417 Endocrine system cancers - all other types  
418 Hodgkin lymphoma  
419 Non-Hodgkin lymphoma  
420 Leukemia - acute lymphoblastic leukemia (ALL)  
421 Leukemia - acute myeloid leukemia (AML)  
422 Leukemia - chronic lymphocytic leukemia (CLL)  
423 Leukemia - chronic myeloid leukemia (CML)  
424 Leukemia - hairy cell  
425 Leukemia - all other types



- 426 Multiple myeloma
- 427 Malignant neuroendocrine tumors
- 428 Mesothelioma
- 429 Myelodysplastic syndrome (MDS)
- 430 Cancer of other sites
- 431 Secondary malignancies
- 432 Malignant neoplasm, unspecified
- 433 Neoplasms of unspecified nature or uncertain behavior
- 434 Benign neoplasms
- 435 Conditions due to neoplasm or the treatment of neoplasm

CCSR High Level Diagnosis Group 17: Diseases of the Nervous System

- 436 Meningitis
- 437 Encephalitis
- 438 Other specified CNS infection and poliomyelitis
- 439 Parkinson`s disease
- 440 Multiple sclerosis
- 441 Other nervous system disorders (often hereditary or degenerative)
- 442 Cerebral palsy
- 443 Paralysis (other than cerebral palsy)
- 444 Epilepsy; convulsions
- 445 Headache; including migraine
- 446 Neurocognitive disorders
- 447 Transient cerebral ischemia
- 448 Coma; stupor; and brain damage
- 449 CNS abscess
- 450 Polyneuropathies
- 451 Sleep wake disorders
- 452 Nerve and nerve root disorders
- 453 Myopathies
- 454 Nervous system pain and pain syndromes
- 455 Other nervous system disorders (neither hereditary nor degenerative)
- 456 Postprocedural or postoperative nervous system complication
- 457 Sequela of specified nervous system conditions

CCSR High Level Diagnosis Group 18: Certain Conditions Originating in the Perinatal Period

- 458 Liveborn
- 459 Short gestation; low birth weight; and fetal growth retardation
- 460 Neonatal acidemia and hypoxia
- 461 Neonatal cerebral disorders
- 462 Respiratory distress syndrome
- 463 Respiratory perinatal condition
- 464 Hemolytic jaundice and perinatal jaundice
- 465 Birth trauma
- 466 Perinatal infections
- 467 Newborn affected by maternal conditions or complications of labor/delivery
- 468 Hemorrhagic and hematologic disorders of newborn
- 469 Neonatal digestive and feeding disorders
- 470 Other specified and unspecified perinatal conditions
- 471 Neonatal abstinence syndrome
- 472 Fetal alcohol syndrome

CCSR High Level Diagnosis Group 19: Pregnancy, Childbirth and the Puerperium

- 473 Antenatal screening
- 474 Gestational weeks
- 475 Spontaneous abortion and complications of spontaneous abortion
- 476 Induced abortion and complications of termination of pregnancy
- 477 Ectopic pregnancy and complications of ectopic pregnancy
- 478 Molar pregnancy and other abnormal products of conception
- 479 Complications following ectopic and/or molar pregnancy
- 480 Supervision of high-risk pregnancy
- 481 Early, first or unspecified trimester hemorrhage
- 482 Hemorrhage after first trimester
- 483 Early or threatened labor
- 484 Multiple gestation
- 485 Maternal care related to fetal conditions
- 486 Polyhydramnios and other problems of amniotic cavity
- 487 Obstetric history affecting care in pregnancy

488 Previous C-section	CCSR High Level Diagnosis Group 21: Diseases of the Skin and Subcutaneous Tissue
489 Maternal care for abnormality of pelvic organs	
490 Maternal care related to disorders of the placenta and placental implantation	520 Skin and subcutaneous tissue infections
491 Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	521 Other specified inflammatory condition of skin
492 Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	522 Pressure ulcer of skin
493 Maternal intrauterine infection	523 Non-pressure ulcer of skin
494 Prolonged pregnancy	524 Contact dermatitis
495 Complications specified during childbirth	525 Postprocedural or postoperative skin complication
496 Malposition, disproportion or other labor complications	526 Other specified and unspecified skin disorders
497 Anesthesia complications during pregnancy	CCSR High Level Diagnosis Group 22: Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere classified
498 OB-related trauma to perineum and vulva	
499 Complications specified during the puerperium	527 Syncope
500 Other specified complications in pregnancy	528 Fever
501 Uncomplicated pregnancy, delivery or puerperium	529 Shock
502 Maternal outcome of delivery	530 Nausea and vomiting
CCSR High Level Diagnosis Group 20: Diseases of the Respiratory System	531 Dysphagia
503 Sinusitis	532 Abdominal pain and other digestive/abdomen signs and symptoms
504 Pneumonia (except that caused by tuberculosis)	533 Malaise and fatigue
505 Influenza	
506 Acute and chronic tonsillitis	
507 Acute bronchitis	
508 Other specified upper respiratory infections	
509 Other specified and unspecified upper respiratory disease	
510 Chronic obstructive pulmonary disease and bronchiectasis	
511 Asthma	
512 Aspiration pneumonitis	
513 Pleurisy, pleural effusion and pulmonary collapse	
514 Respiratory failure; insufficiency; arrest	
515 Lung disease due to external agents	
516 Pneumothorax	
517 Mediastinal disorders	
518 Other specified and unspecified lower respiratory disease	
519 Postprocedural or postoperative respiratory system complication	

# Appendix E

## Clinical Classifications Software Refined (CCSR) High-Level and Single-Level

### Inpatient Procedure Categories

#### CCSR High Level Procedure Group 1: Administration of Therapeutic Substances

- 1 Transfusion of blood and blood products
- 2 Transfusion of plasma
- 3 Administration of albumin and globulin
- 4 Transfusion of clotting factors
- 5 Administration of thrombolytics and platelet inhibitors
- 6 Infusion of vasopressor
- 7 Intravenous induction of labor
- 8 Cervical ripening
- 9 Rh immunoglobulin and other serum infusion
- 10 Vaccinations
- 11 Administration and transfusion of bone marrow, stem cells, pancreatic islet cells, and t-cells
- 12 Chemotherapy
- 13 Peritoneal dialysis
- 14 Regional anesthesia
- 15 Administration of antibiotics
- 16 Administration of anti-inflammatory agents
- 17 Administration of nutritional and electrolytic substances
- 18 Irrigation (diagnostic and therapeutic)
- 19 Potential COVID-19 therapies
- 20 Administration of diagnostic substances, NEC
- 21 Administration of therapeutic substances, NEC
- 22 COVID-19 vaccinations

#### CCSR High Level Procedure Group 2: Cardiovascular Procedures

- 23 Heart biopsy
- 24 Heart conduction mechanism procedures
- 25 Coronary artery bypass grafts (CABG)

- 26 Percutaneous coronary interventions (PCI)
- 27 Other coronary artery procedures (excluding CABG and PCI)
- 28 Carotid endarterectomy and stenting
- 29 Embolectomy, endarterectomy, and related vessel procedures (non-endovascular; excluding carotid)
- 30 Angioplasty and related vessel procedures (endovascular; excluding carotid)
- 31 Left atrial appendage procedures
- 32 Ligation and embolization of vessels
- 33 Aneurysm repair procedures
- 34 Vessel repair and replacement
- 35 Heart and great vessel bypass procedures
- 36 Peripheral arterial bypass procedures
- 37 Peripheral arteriovenous fistula and shunt procedures
- 38 Portal and other venous bypass procedures
- 39 Pericardial procedures
- 40 Heart transplant
- 41 Septal repair and other therapeutic heart procedures
- 42 Saphenous vein harvest and other therapeutic vessel removal
- 43 Artery, vein, and great vessel procedures, NEC
- 44 Heart valve replacement and other valve procedures (non-endovascular)
- 45 Heart valve replacement and other valve procedures (endovascular)
- 46 Venous and arterial catheter placement
- 47 Placement of tunneled or implantable portion of a vascular access device
- 48 Pacemaker and defibrillator procedures
- 49 Heart assist device procedures
- 50 Inferior vena cava (IVC) filter procedures
- 51 Cardiovascular device procedures, NEC

CCSR High Level Procedure Group 3: Chiropractic Treatment'

52 Chiropractic manipulation

CCSR High Level Procedure Group 4: Central Nervous System Procedures

53 Minimally invasive CNS biopsy

54 Lumbar puncture

55 Spinal canal and spinal cord drainage (excluding lumbar puncture)

56 Intracranial epidural and subdural space drainage

57 Ventriculostomy [percutaneous approach]

58 Other CNS drainage and related procedures

59 CNS excision procedures

60 Spinal cord decompression

61 Decompressive craniectomy

62 Cerebrospinal fluid shunt procedures

63 Meninges repair

64 CNS neurostimulator procedures

65 Spinal epidural catheter placement

66 CNS procedures, NEC

CCSR High Level Procedure Group 5: Endocrine Procedures

67 Endocrine system biopsy

68 Thyroidectomy

69 Parathyroidectomy

70 Adrenalectomy

71 Pituitary gland resection

72 Endocrine procedures, NEC

CCSR High Level Procedure Group 6: Ear, Nose, and Throat Procedures

73 Laryngoscopy (diagnostic)

74 ENT diagnostic endoscopy (excluding laryngoscopy)

75 ENT diagnostic procedures (non-endoscopic)

76 Diagnostic audiology

77 Myringotomy

78 ENT drainage (excluding myringotomy)

79 Tonsilectomy and adenoidectomy

80 Nasal and sinus excision

81 Tongue excision

82 Salivary gland excision

83 Laryngectomy

84 ENT excision (excluding nasal passage, sinuses, tongue, salivary glands, larynx)

85 ENT repair

86 Frenectomy

87 Dental procedures

88 Face transplant

89 ENT procedures, NEC

CCSR High Level Procedure Group 7: Extracorporeal or Systemic Assistance and Performance

90 Hemodialysis

91 Extracorporeal membrane oxygenation

92 Mechanical ventilation

93 Non-invasive ventilation

94 Cardiac chest compression

95 Cardioversion

96 Cardiac pacing

97 Open heart cardiopulmonary bypass

98 Cardiac assistance with balloon pump

99 Cardiac assistance with ventricular assist device

100 Hyperbaric oxygen therapy

CCSR High Level Procedure Group 8: Extracorporeal or Systemic Therapies

101 Pheresis therapy

102 Phototherapy

103 Ultraviolet light therapy

104 Hypothermia therapy

105 Extracorporeal or systemic therapies, NEC

#### CCSR High Level Procedure Group 9: Eye Procedures

- 106 Eye procedures
- 107 Eyelid procedures

#### CCSR High Level Procedure Group 10: Female Reproductive System Procedures

- 108 Hysterectomy
- 109 Oophorectomy
- 110 Salpingectomy
- 111 Trachelectomy
- 112 Fallopian tube ligation and excision
- 113 Vulvar laceration repair
- 114 Female genital tract repair (excluding vulva)
- 115 Cervical dilation
- 116 Cervical cerclage
- 117 Female upper genital tract excision
- 118 Female lower genital tract excision
- 119 Intrauterine device (IUD) insertion
- 120 Subcutaneous contraceptive implant
- 121 Ovary or uterus transplant
- 122 Female reproductive system procedures, NEC

#### CCSR High Level Procedure Group 11: Gastrointestinal System Procedures

- 123 Esophagogastroduodenoscopy (EGD) with biopsy
- 124 Colonoscopy and proctoscopy with biopsy
- 125 GI system biopsy (non-endoscopic)
- 126 GI system endoscopy without biopsy (diagnostic)
- 127 Exploration of peritoneal cavity
- 128 Paracentesis
- 129 GI system drainage (excluding paracentesis)
- 130 Appendectomy
- 131 Colectomy
- 132 Gastrectomy
- 133 Small bowel resection
- 134 Duodenal resection

- 135 Proctectomy or anal resection
- 136 Esophagectomy
- 137 Omentectomy or peritoneum resection
- 138 GI system endoscopic therapeutic procedures
- 139 Gastrostomy
- 140 Ileostomy and colostomy
- 141 Gastro-jejunal bypass (including bariatric)
- 142 Anorectal repair (3rd and 4th degree obstetrical repairs and other)
- 143 GI system repair (excluding anorectal)
- 144 GI system lysis of adhesions
- 145 GI transplant
- 146 Other peritoneal cavity procedures
- 147 Other GI system device procedures
- 148 Upper GI therapeutic procedures, NEC (open and laparoscopic)
- 149 Upper GI therapeutic procedures, NEC (endoscopic)
- 150 Lower GI therapeutic procedures, NEC (open and laparoscopic)
- 151 Lower GI therapeutic procedures, NEC (excluding open and laparoscopic)

#### CCSR High Level Procedure Group 12: General Region Procedures

- 152 Cosmetic procedures
- 153 Abdominal wall repair (including hernia)
- 154 Inguinal and femoral hernia repair
- 155 Endoscopic control of bleeding
- 156 Control of bleeding (non-endoscopic)
- 157 Chest wall procedures, NEC
- 158 Mediastinal procedures, NEC
- 159 Abdominal wall procedures, NEC
- 160 Retroperitoneal procedures, NEC
- 161 Genitourinary tract procedures, NEC

CCSR High Level Procedure Group 13: Hepatobiliary and Pancreas Procedures

- 162 Liver biopsy
- 163 Pancreaticobiliary biopsy
- 164 Diagnostic ERCP with or without biopsy
- 165 Hepatobiliary resection and ablation
- 166 Pancreatectomy
- 167 Cholecystectomy
- 168 Biliary and pancreatic calculus removal
- 169 Common bile duct sphincterotomy and stenting
- 170 Pancreatic and proximal biliary dilation and stenting
- 171 Hepatobiliary and pancreatic drainage
- 172 Liver transplant
- 173 Pancreas transplant
- 174 Hepatobiliary and pancreatic procedures, NEC

CCSR High Level Procedure Group 14: Imaging

- 175 Cardiac and coronary fluoroscopy
- 176 Fluoroscopic angiography (excluding coronary)
- 177 Fluoroscopic guidance for circulatory system procedures
- 178 Fluoroscopy of non-circulatory organs
- 179 Magnetic resonance imaging (MRI)
- 180 Computerized tomography (CT) with contrast
- 181 Computerized tomography (CT) without contrast
- 182 Ultrasonography
- 183 Plain radiography
- 184 Fluorescence imaging

CCSR High Level Procedure Group 15: Lymphatic and Hemic System Procedures

- 185 Lymph node biopsy
- 186 Lymph node excision (therapeutic)
- 187 Lymph node dissection
- 188 Thymectomy
- 189 Splenectomy
- 190 Spleen procedures (excluding splenectomy)
- 191 Bone marrow biopsy
- 192 Bone marrow aspiration (therapeutic)

- 193 Thymus transplant
- 194 Spleen transplant
- 195 Lymphatic procedures, NEC

CCSR High Level Procedure Group 16: Measurement and Monitoring

- 196 Arterial oxygen saturation monitoring
- 197 Peripheral arterial pressure monitoring
- 198 Pulmonary arterial pressure monitoring
- 199 Cardiac stress tests
- 200 Measurement during cardiac catheterization
- 201 Pacemaker and defibrillator interrogation
- 202 Electrocardiogram (ECG)
- 203 Cardiac monitoring
- 204 Electrophysiologic studies
- 205 Other cardiovascular system measurement and monitoring
- 206 Electroencephalogram (EEG)
- 207 ICP and other CNS monitoring (excluding EEG)
- 208 Monitoring of peripheral nerves
- 209 Pulmonary function tests
- 210 Measurement and monitoring, NEC

CCSR High Level Procedure Group 17: Mental Health Therapy

- 211 Pharmacotherapy for mental health (excluding substance use)
- 212 Psychotherapy for mental health (excluding substance use)
- 213 Electroconvulsive therapy
- 214 Crisis intervention for mental health
- 215 Mental health procedures, NEC

CCSR High Level Procedure Group 18: Male Reproductive System Procedures

- 216 Circumcision
- 217 Penis procedures (excluding circumcision)
- 218 Prostatectomy
- 219 Prostate and seminal vesicle procedures (excluding prostatectomy)

220 Male perineum procedures  
221 Male reproductive system transplant  
222 Male reproductive system procedures, NEC

CCSR High Level Procedure Group 19: Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures

223 Arthrocentesis  
224 Bone and joint biopsy  
225 Subcutaneous tissue, fascia, and muscle biopsy  
226 Incision and drainage of musculoskeletal tissue and joints  
227 Incision and drainage of subcutaneous tissue and fascia  
228 Knee arthroplasty  
229 Hip arthroplasty  
230 Arthroplasty of other joint (excluding knee and hip)  
231 Fixation of upper extremity bones  
232 Femur fixation  
233 Fixation of leg and foot bones  
234 Bone fixation (excluding extremities)  
235 Spine fusion  
236 Joint fusion (excluding spine)  
237 Closed reduction of bones and joints  
238 Vertebral discectomy  
239 Joint tissue excision (excluding discectomy)  
240 Bone excision  
241 Muscle, tendon, bursa, and ligament excision  
242 Subcutaneous tissue and fascia excision  
243 Perineal muscle laceration repair (2nd degree obstetrical and other)  
244 Tendon, muscle, bursa, and ligament repair (excluding perineal)  
245 Toe and mid foot amputation  
246 Below knee amputation  
247 Above knee and other proximal lower extremity amputation  
248 Finger and other upper extremity amputation  
249 Hand transplant  
250 Subcutaneous tissue and fascia procedures, NEC  
251 Musculoskeletal device procedures, NEC

252 Musculoskeletal procedures, NEC

CCSR High Level Procedure Group 20: Nuclear Medicine

253 Planar nuclear medicine imaging  
254 Tomographic nuclear medicine imaging  
255 Radionuclide therapy and non-imaging procedures  
256 Positron emission tomographic (PET) imaging

CCSR High Level Procedure Group 21: Osteopathic Treatment'

257 Osteopathic treatment

CCSR High Level Procedure Group 22: Other Procedures

258 Robotic-assisted procedures  
259 Computer-assisted procedures  
260 Fluorescence-guided procedures  
261 Isolation procedures  
262 Therapeutic massage and related procedures

CCSR High Level Procedure Group 23: Pregnancy-Related Procedures

263 Fetal heart rate monitoring  
264 Spontaneous vaginal delivery  
265 Cesarean section  
266 Assisted vaginal delivery  
267 Episiotomy  
268 Removal of placenta and other retained products of conception  
269 Removal of ectopic pregnancy  
270 Abortion  
271 Pregnancy and fetal procedures, NEC

CCSR High Level Procedure Group 24: Dressings and Other Placements

272 Immobilization by splint or other external device  
273 Packing and dressing procedures

CCSR High Level Procedure Group 25: Peripheral Nervous System Procedures

- 274 Lumbosacral nerve decompression
- 275 Cervicothoracic nerve decompression
- 276 Peripheral nerve decompression (excluding lumbosacral and cervicothoracic)
- 277 Nerve repair
- 278 Peripheral nerve denervation
- 279 Peripheral nerve procedures, NEC

CCSR High Level Procedure Group 26: Radiation Therapy

- 280 Beam radiation
- 281 Brachytherapy
- 282 Stereotactic radiosurgery
- 283 Radiation therapy, NEC

CCSR High Level Procedure Group 27: Respiratory System Procedures

- 284 Bronchoscopy (diagnostic)
- 285 Lung, pleura, or diaphragm biopsy (non-endoscopic)
- 286 Thoracentesis (diagnostic)
- 287 Bronchoscopy (therapeutic)
- 288 Chest tube placement and therapeutic thoracentesis
- 289 Open and thoracoscopic pleural drainage
- 290 Airway intubation
- 291 Lung, pleura, or diaphragm resection (open and thoracoscopic)
- 292 Bronchoscopic excision and fulguration
- 293 Tracheostomy
- 294 Diaphragmatic hernia repair
- 295 Release of lung and pleura
- 296 Lung transplant
- 297 Respiratory system procedures, NEC

CCSR High Level Procedure Group 28: Rehabilitation, Evaluation, and Treatment

- 298 Physical, occupational, and respiratory therapy evaluation
- 299 Physical, occupational, and respiratory therapy treatment
- 300 Speech therapy evaluation
- 301 Speech therapy treatment

CCSR High Level Procedure Group 29: Skin and Breast Procedures

- 302 Skin biopsy and diagnostic drainage
- 303 Incision and drainage of skin
- 304 Mastectomy and lumpectomy
- 305 Breast reconstruction
- 306 Perineal skin repair (1st degree obstetrical and other)
- 307 Skin laceration repair (excluding perineum)
- 308 Skin graft
- 309 Skin excision and debridement
- 310 Nail procedures
- 311 Skin and breast procedures, NEC

CCSR High Level Procedure Group 30: Substance Use Disorder Treatment

- 312 Substance use detoxification
- 313 Pharmacotherapy for substance use
- 314 Psychotherapy for substance use
- 315 Counseling for substance use

CCSR High Level Procedure Group 31: Urinary System Procedures

- 316 Cystoscopy and ureteroscopy (including biopsy)
- 317 Kidney and other urinary tract biopsy (non-endoscopic)
- 318 Ureter and other urinary tract dilation
- 319 Removal of calculi and other matter from urinary tract
- 320 Nephrostomy and ureterostomy procedures (including stents)
- 321 Bladder catheterization and drainage
- 322 Urinary tract repair
- 323 Nephrectomy and ureterectomy
- 324 Cystectomy (including fulguration) and urethrectomy
- 325 Urinary diversion with anastomosis or ostomy
- 326 Kidney transplant
- 327 Urinary system procedure





## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
<b>1 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>					
1 Nutritional anemia	93	113	92	87	90
2 Hemolytic anemia	15	9	15	10	14
3 Aplastic anemia	65	70	68	53	66
4 Acute posthemorrhagic anemia	89	93	93	125	108
5 Sickle cell trait/anemia	24	12	19	9	16
6 Coagulation and hemorrhagic disorders	85	82	64	56	52
7 Diseases of white blood cells	81	80	65	68	71
8 Immunity disorders	8	6	8	8	4
9 Postprocedural or postoperative complications of the spleen	-	1	2	-	3
10 Other specified and unspecified hematologic conditions	11	11	15	11	10
Total	471	477	441	427	434
<b>2 Diseases of the circulatory system</b>					
11 Chronic rheumatic heart disease	28	45	29	29	36
12 Acute rheumatic heart disease	3	-	-	-	2
13 Nonrheumatic and unspecified valve disorders	301	370	311	323	357
14 Endocarditis and endocardial disease	46	48	43	61	40
15 Myocarditis and cardiomyopathy	32	39	20	49	20
16 Pericarditis and pericardial disease	73	48	50	59	78
17 Essential hypertension	8	6	8	7	7
18 Hypertension with complications and secondary hypertension	132	128	116	116	127
19 Acute myocardial infarction	1,246	1,304	1,254	1,381	1,325
20 Complications of acute myocardial infarction	2	4	3	2	1
21 Coronary atherosclerosis and other heart disease	401	418	402	467	447
22 Nonspecific chest pain	195	165	117	132	84
23 Acute pulmonary embolism	306	327	294	331	320
24 Pulmonary heart disease	37	18	26	22	18
25 Other and ill-defined heart disease	32	33	32	31	47
26 Conduction disorders	129	134	133	134	147
27 Cardiac dysrhythmias	1,278	1,244	1,092	1,114	1,181
28 Cardiac arrest and ventricular fibrillation	31	22	17	24	39
29 Heart failure	1,680	1,798	1,539	1,658	1,715
30 Cerebral infarction	819	868	785	891	847
31 Acute hemorrhagic cerebrovascular disease	204	209	191	199	212
32 Sequela of hemorrhagic cerebrovascular disease	44	41	52	33	46
33 Occlusion or stenosis of precerebral or cerebral arteries without infarction	102	120	121	107	130
34 Other and ill-defined cerebrovascular disease	47	40	44	47	37
35 Sequela of cerebral infarction and other cerebrovascular disease	221	216	195	178	152
36 Peripheral and visceral vascular disease	103	115	128	132	109
37 Arterial dissections	24	22	27	48	34
38 Gangrene	8	12	13	14	13
39 Aortic; peripheral; and visceral artery aneurysms	94	88	73	116	94
40 Aortic and peripheral arterial embolism or thrombosis	21	23	30	25	30
41 Hypotension	101	125	113	109	103
42 Other specified and unspecified circulatory disease	10	19	12	15	10
43 Acute phlebitis; thrombophlebitis and thromboembolism	97	86	84	110	67
44 Chronic phlebitis; thrombophlebitis and thromboembolism	2	2	2	-	-
45 Varicose veins of lower extremity	13	9	11	13	11
46 Postthrombotic syndrome and venous insufficiency/hypertension	17	18	11	16	10
48 Postprocedural or postoperative circulatory system complication	26	27	21	28	23
49 Other specified diseases of veins and lymphatics	21	20	15	24	28
Total	7,934	8,211	7,414	8,045	7,947
<b>4 Diseases of the digestive system</b>					
53 Intestinal infection	341	331	201	208	205
54 Disorders of teeth and gingiva	24	12	12	11	17
55 Diseases of mouth; excluding dental	46	41	32	52	24
56 Esophageal disorders	103	99	90	127	89
57 Gastroduodenal ulcer	36	26	34	42	58
58 Gastrointestinal and biliary perforation	24	18	23	19	33
59 Gastritis and duodenitis	67	58	67	57	36
60 Other specified and unspecified disorders of stomach and duodenum	46	58	31	55	43

## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
61 Appendicitis and other appendiceal conditions	278	295	227	243	224
62 Abdominal hernia	199	202	193	197	160
63 Regional enteritis and ulcerative colitis	156	163	154	183	141
64 Intestinal obstruction and ileus	592	597	574	676	671
65 Diverticulosis and diverticulitis	563	571	475	537	521
66 Hemorrhoids	15	23	12	11	12
67 Anal and rectal conditions	35	27	28	29	20
68 Peritonitis and intra-abdominal abscess	73	87	60	70	74
69 Biliary tract disease	464	536	431	519	509
70 Hepatic failure	99	134	148	147	132
71 Other specified and unspecified liver disease	164	148	160	202	194
72 Pancreatic disorders (excluding diabetes)	538	517	493	539	503
73 Gastrointestinal hemorrhage	540	530	444	508	523
74 Noninfectious gastroenteritis	174	185	163	147	122
75 Noninfectious hepatitis	6	10	7	10	9
76 Postprocedural or postoperative digestive system complication	125	106	122	125	137
77 Other specified and unspecified gastrointestinal disorders	192	191	200	232	172
Total	4,900	4,965	4,381	4,946	4,629
<b>5 Diseases of the ear and mastoid process</b>					
78 Otitis media	4	7	1	3	4
79 Diseases of middle ear and mastoid (except otitis media)	7	10	3	3	6
80 Diseases of inner ear and related conditions	29	47	33	35	23
81 Hearing loss	-	1	-	1	-
82 Postprocedural or postoperative ear and/or mastoid process complication	-	-	-	1	-
83 Other specified and unspecified disorders of the ear	13	11	3	7	3
Total	53	76	40	50	36
<b>6 Endocrine, nutritional and metabolic diseases</b>					
84 Thyroid disorders	27	31	31	23	16
85 Diabetes mellitus without complication	8	5	2	4	-
86 Diabetes mellitus with complication	732	827	720	805	804
90 Nutritional deficiencies	12	14	13	21	17
91 Malnutrition	15	19	14	17	15
92 Obesity	159	141	97	111	104
93 Disorders of lipid metabolism	3	2	3	4	1
94 Fluid and electrolyte disorders	447	477	401	462	505
95 Cystic fibrosis	139	121	32	35	46
96 Pituitary disorders	34	52	43	61	94
97 Postprocedural or postoperative endocrine or metabolic complication	3	2	3	2	2
98 Other specified and unspecified endocrine disorders	26	34	38	33	36
99 Other specified and unspecified nutritional and metabolic disorders	80	84	68	78	71
Total	1,685	1,809	1,465	1,656	1,711
<b>8 Diseases of the eye and adnexa</b>					
131 Cornea and external disease	6	5	2	1	2
133 Glaucoma	2	3	3	1	-
134 Uveitis and ocular inflammation	2	1	-	2	-
135 Retinal and vitreous conditions	4	8	2	9	2
136 Neuro-ophthalmology	5	8	6	10	11
138 Oculofacial plastics and orbital conditions	8	6	6	7	9
140 Blindness and vision defects	7	1	7	8	5
141 Postprocedural or postoperative eye complication	-	1	1	-	-
142 Other specified eye disorders	3	4	2	3	6
Total	37	37	29	41	35
<b>9 Factors influencing health status and contact with health services</b>					
145 Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental d	4	5	4	4	4
146 Encounter for prophylactic or other procedures	24	39	13	8	10
148 Encounter for antineoplastic therapies	191	172	255	268	266
150 Neoplasm-related encounters	23	16	13	13	16
151 Implant, device or graft related encounter	5	3	1	2	1
152 Other aftercare encounter	830	668	529	543	525
155 Contraceptive and procreative management	-	-	2	1	-
156 Medical examination/evaluation	1	-	-	-	-

## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
158 Exposure, encounters, screening or contact with infectious disease	2	-	12	-	-
164 Acquired absence of limb or organ	1	1	1	-	-
167 Other specified status	2	3	2	1	3
Total	1,083	907	832	840	825
<b>10 Diseases of the genitourinary system</b>					
168 Nephritis; nephrosis; renal sclerosis	13	15	11	12	12
169 Acute and unspecified renal failure	590	618	550	659	656
170 Chronic kidney disease	107	131	95	111	104
171 Urinary tract infections	723	743	684	750	631
172 Calculus of urinary tract	57	56	37	45	17
173 Other specified and unspecified diseases of kidney and ureters	163	155	174	172	151
174 Other specified and unspecified diseases of bladder and urethra	25	30	35	29	28
175 Urinary incontinence	1	4	2	1	1
176 Hematuria	24	38	24	41	17
178 Vesicoureteral reflux	6	6	11	5	5
179 Hyperplasia of prostate	42	31	47	51	60
180 Inflammatory conditions of male genital organs	49	31	37	42	32
181 Erectile dysfunction	-	1	1	2	-
183 Other specified male genital disorders	8	8	11	3	4
184 Nonmalignant breast conditions	20	10	18	7	8
185 Inflammatory diseases of female pelvic organs	32	23	22	32	28
186 Endometriosis	16	11	11	9	7
187 Prolapse of female genital organs	8	14	6	13	9
188 Menstrual disorders	10	16	6	5	8
189 Benign ovarian cyst	13	12	8	10	12
190 Menopausal disorders	3	6	1	7	3
192 Other specified female genital disorders	38	29	28	36	29
193 Postprocedural or postoperative genitourinary system complication	22	33	18	26	25
Total	1,970	2,021	1,837	2,068	1,847
<b>11 Certain infectious and parasitic diseases</b>					
194 Tuberculosis	1	1	1	1	1
195 Septicemia	2,653	2,730	2,184	2,522	2,773
196 Bacterial infections	10	13	13	13	6
197 Fungal infections	3	10	8	5	10
198 Foodborne intoxications	1	1	2	4	1
199 HIV infection	10	10	9	13	4
200 Hepatitis	48	52	53	61	43
201 Viral infection	53	72	53	63	42
202 Parasitic, other specified and unspecified infections	63	78	56	120	68
203 Sexually transmitted infections (excluding HIV and hepatitis)	3	8	2	8	3
205 Coronavirus disease – 2019 (COVID-19)	-	-	249	1,341	1,300
Total	2,845	2,975	2,630	4,151	4,251
<b>12 Injury, poisoning and certain other consequences of external causes</b>					
206 Fracture of head and neck, initial encounter	59	64	48	41	36
207 Fracture of the spine and back, initial encounter	192	190	148	166	177
208 Fracture of torso, initial encounter	260	259	195	239	224
209 Fracture of the upper limb, initial encounter	193	168	147	158	125
210 Fracture of the lower limb (except hip), initial encounter	494	477	391	455	405
211 Fracture of the neck of the femur (hip), initial encounter	664	721	592	687	771
212 Dislocations, initial encounter	16	15	10	14	15
213 Traumatic brain injury (TBI); concussion, initial encounter	324	271	273	262	272
214 Spinal cord injury (SCI), initial encounter	9	26	24	21	33
215 Internal organ injury, initial encounter	147	173	181	178	204
216 Open wounds of head and neck, initial encounter	21	19	17	17	15
217 Open wounds to limbs, initial encounter	43	41	28	31	35
218 Open wounds of trunk, initial encounter	9	4	9	14	9
219 Amputation of a limb, initial encounter	3	2	8	1	4
220 Amputation of other body parts, initial encounter	-	1	1	-	1
221 Injury to blood vessels, initial encounter	6	9	13	5	12
222 Superficial injury; contusion, initial encounter	82	58	68	57	50
223 Crushing injury, initial encounter	3	6	3	2	2
224 Burn and corrosion, initial encounter	34	32	33	34	27

## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals

#### CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
225 Effect of foreign body entering opening, initial encounter	39	19	24	46	19
226 Effect of other external causes, initial encounter	18	22	10	21	14
227 Poisoning by drugs, initial encounter	157	147	136	159	178
228 Toxic effects, initial encounter	24	12	28	23	17
229 Sprains and strains, initial encounter	38	37	39	26	12
230 Injury to nerves, muscles and tendons, initial encounter	6	6	5	4	5
231 Other specified injury	47	47	34	38	26
232 Other unspecified injury	8	9	13	10	7
233 Adverse effects of drugs and medicaments, initial encounter	1	1	-	-	-
235 Drug induced or toxic related condition	81	78	76	101	78
236 Allergic reactions	31	27	26	24	25
237 Maltreatment/abuse	2	5	6	6	8
238 Complication of cardiovascular device, implant or graft, initial encounter	145	128	141	161	208
239 Complication of genitourinary device, implant or graft, initial encounter	171	195	164	209	228
240 Complication of internal orthopedic device or implant, initial encounter	243	243	194	183	205
241 Complication of transplanted organs or tissue, initial encounter	34	41	35	25	40
242 Complication of other surgical or medical care, injury, initial encounter	397	433	378	426	438
243 Fracture of head and neck, subsequent encounter	6	2	1	2	2
244 Fracture of the spine and back, subsequent encounter	31	37	23	28	22
245 Fracture of torso, subsequent encounter	35	36	40	27	26
246 Fracture of the upper limb, subsequent encounter	19	33	12	9	12
247 Fracture of lower limb (except hip), subsequent encounter	86	91	46	41	61
248 Fracture of the neck of the femur (hip), subsequent encounter	85	83	58	49	82
249 Dislocations, subsequent encounter	2	2	3	1	1
250 Traumatic brain injury (TBI); concussion, subsequent encounter	53	62	47	38	43
251 Spinal cord injury (SCI), subsequent encounter	13	11	12	8	8
252 Internal organ injury, subsequent encounter	2	7	5	5	4
253 Open wounds of head and neck, subsequent encounter	-	1	-	-	-
254 Open wounds to limbs, subsequent encounter	1	1	1	-	-
255 Open wounds of trunk, subsequent encounter	-	-	-	-	1
256 Amputation of a limb, subsequent encounter	-	-	-	-	1
258 Injury to blood vessels, subsequent encounter	1	-	-	-	-
259 Superficial injury; contusion, subsequent encounter	1	-	3	1	3
260 Crushing injury, subsequent encounter	-	2	1	-	-
261 Burns and corrosion, subsequent encounter	1	1	1	-	1
264 Poisoning by drugs, subsequent encounter	-	1	-	-	-
265 Toxic effects, subsequent encounter	1	-	-	-	-
266 Sprains and strains, subsequent encounter	2	5	4	1	-
267 Injury to nerves, muscles and tendons, subsequent encounter	1	-	-	-	1
268 Other specified injury, subsequent encounter	-	1	1	1	2
269 Other unspecified injuries, subsequent encounter	-	2	-	2	-
272 Allergic reactions, subsequent encounter	-	-	1	-	-
274 Complication of cardiovascular device, implant or graft, subsequent encounter	6	-	-	2	2
275 Complication of genitourinary device, implant or graft, subsequent encounter	1	-	-	1	-
276 Complication of internal orthopedic device or implant, subsequent encounter	11	3	10	12	7
277 Complication of other surgical or medical care, injury, subsequent encounter	4	5	3	4	3
278 Injury, sequela	9	6	15	7	11
280 Poisoning/toxic effect/adverse effects/underdosing, sequela	-	-	-	1	-
281 Complication, sequela	3	1	-	1	1
Total	4,375	4,379	3,785	4,085	4,219
<b>13 Congenital malformations, deformations and chromosomal abnormalities</b>					
282 Cardiac and circulatory congenital anomalies	36	29	43	46	46
283 Digestive congenital anomalies	25	19	26	19	23
284 Genitourinary congenital anomalies	23	25	15	10	8
285 Nervous system congenital anomalies	12	16	3	7	10
286 Congenital malformations of eye, ear, face, neck	-	1	2	-	-
287 Cleft lip or palate	-	5	3	-	2
288 Respiratory congenital malformations	15	22	16	5	8
289 Musculoskeletal congenital conditions	10	12	10	13	8
290 Chromosomal abnormalities	-	1	-	-	-
291 Other specified and unspecified congenital anomalies	4	3	1	1	2
Total	125	133	119	101	107

## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
<b>14 Mental, behavioral and neurodevelopmental disorders</b>					
292 Schizophrenia spectrum and other psychotic disorders	331	355	327	336	359
293 Depressive disorders	825	686	505	633	784
294 Bipolar and related disorders	286	274	230	266	227
295 Other specified and unspecified mood disorders	127	79	78	91	69
296 Anxiety and fear-related disorders	61	56	53	53	49
297 Obsessive-compulsive and related disorders	1	5	5	5	9
298 Trauma- and stressor-related disorders	208	262	201	159	204
299 Disruptive, impulse-control and conduct disorders	8	10	5	13	5
300 Personality disorders	83	83	73	67	65
301 Feeding and eating disorders	16	6	8	20	12
302 Somatic disorders	2	4	3	3	5
303 Suicidal ideation/attempt/intentional self-harm	200	169	145	181	178
304 Miscellaneous mental and behavioral disorders/conditions	1	1	3	1	2
305 Neurodevelopmental disorders	6	7	9	7	11
306 Alcohol-related disorders	656	612	640	743	794
307 Opioid-related disorders	22	19	22	31	28
308 Cannabis-related disorders	11	15	30	12	17
309 Sedative-related disorders	9	9	8	10	10
310 Stimulant-related disorders	7	12	11	17	25
311 Hallucinogen-related disorders	2	-	2	1	2
312 Inhalant-related disorders	2	1	-	-	-
314 Other specified substance-related disorders	17	25	25	16	27
315 Mental and substance use disorders in remission	1	2	1	2	2
316 Suicide attempt/intentional self-harm; subsequent encounter	-	1	-	-	1
Total	2,882	2,693	2,384	2,667	2,885
<b>15 Diseases of the musculoskeletal system and connective tissue</b>					
324 Infective arthritis	54	56	28	65	53
325 Osteomyelitis	141	129	115	126	134
326 Rheumatoid arthritis and related disease	20	19	19	9	8
327 Juvenile arthritis	3	2	-	1	1
329 Osteoarthritis	2,649	2,673	1,825	1,129	570
330 Other specified joint disorders	35	41	30	31	23
331 Immune-mediated/reactive arthropathies	2	6	-	-	1
332 Tendon and synovial disorders	54	45	45	54	41
333 Musculoskeletal pain, not low back pain	67	47	49	55	33
334 Spondylopathies/spondyloarthropathy (including infective)	659	598	460	528	455
336 Osteoporosis	80	128	146	121	135
337 Pathological fracture, initial encounter	65	52	60	61	74
338 Pathological fracture, subsequent encounter	20	8	12	6	6
339 Stress fracture, initial encounter	33	29	29	22	14
340 Stress fracture, subsequent encounter	5	1	2	-	1
341 Atypical fracture, initial encounter	1	4	-	2	1
343 Pathological, stress and atypical fractures, sequela	-	-	-	1	-
344 Acquired foot deformities	5	5	6	3	3
345 Scoliosis and other postural dorsopathic deformities	29	20	13	18	17
346 Acquired deformities (excluding foot)	7	4	5	8	6
347 Systemic lupus erythematosus and connective tissue disorders	31	33	36	36	32
348 Other specified connective tissue disease	78	57	58	53	46
349 Muscle disorders	60	84	72	76	105
350 Musculoskeletal abscess	2	4	1	1	2
351 Other specified bone disease and musculoskeletal deformities	16	14	6	7	5
352 Disorders of jaw	13	12	10	10	8
353 Aseptic necrosis and osteonecrosis	52	50	41	14	16
354 Traumatic arthropathy	6	5	3	4	4
355 Neurogenic/neuropathic arthropathy	3	2	6	2	4
356 Gout	24	22	17	19	20
357 Crystal arthropathies (excluding gout)	18	12	8	9	6
359 Autoinflammatory syndromes	-	1	-	-	-
360 Postprocedural or postoperative musculoskeletal system complication	40	40	30	29	36
361 Low back pain	38	41	30	35	23
Total	4,310	4,244	3,162	2,535	1,883

## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
<b>16 Neoplasms</b>					
363 Head and neck cancers - lip and oral cavity	23	18	26	21	26
364 Head and neck cancers - throat	2	-	2	4	2
365 Head and neck cancers - salivary gland	2	2	3	4	4
366 Head and neck cancers - nasopharyngeal	2	-	1	-	1
367 Head and neck cancers - hypopharyngeal	-	2	2	4	6
368 Head and neck cancers - pharyngeal	-	-	-	3	1
369 Head and neck cancers - laryngeal	8	15	13	10	7
370 Head and neck cancers - tonsils	1	2	2	9	8
371 Head and neck cancers - all other types	4	6	4	2	5
372 Cardiac cancers	4	2	2	3	4
373 Gastrointestinal cancers - esophagus	19	30	27	30	28
374 Gastrointestinal cancers - stomach	26	29	22	28	19
375 Gastrointestinal cancers - small intestine	5	3	5	13	4
376 Gastrointestinal cancers - colorectal	236	163	168	169	176
377 Gastrointestinal cancers - anus	3	4	5	2	-
378 Gastrointestinal cancers - liver	22	12	17	17	13
379 Gastrointestinal cancers - bile duct	5	7	6	11	15
380 Gastrointestinal cancers - gallbladder	3	4	6	5	5
381 Gastrointestinal cancers - peritoneum	6	9	4	1	3
382 Gastrointestinal cancers - all other types	18	11	11	11	13
383 Respiratory cancers	149	152	99	128	148
384 Bone cancer	6	5	1	7	4
385 Sarcoma	9	9	2	5	7
386 Skin cancers - melanoma	4	1	3	2	2
387 Skin cancers - basal cell carcinoma	-	3	1	1	1
388 Skin cancers - squamous cell carcinoma	3	1	3	1	3
389 Skin cancers - all other types	-	1	-	1	2
390 Breast cancer - ductal carcinoma in situ (DCIS)	4	4	1	1	2
391 Breast cancer - all other types	46	45	25	19	26
392 Female reproductive system cancers - uterus	6	-	7	5	5
393 Female reproductive system cancers - cervix	17	8	13	6	13
394 Female reproductive system cancers - ovary	34	22	27	37	34
395 Female reproductive system cancers - fallopian tube	4	5	4	6	2
396 Female reproductive system cancers - endometrium	22	17	21	21	15
397 Female reproductive system cancers - vulva	2	5	2	4	3
398 Female reproductive system cancers - vagina	-	1	2	1	-
399 Female reproductive system cancers - all other types	2	5	2	6	5
400 Male reproductive system cancers - prostate	34	39	29	43	44
401 Male reproductive system cancers - testis	1	2	1	-	1
402 Male reproductive system cancers - penis	1	3	2	-	2
404 Urinary system cancers - bladder	46	45	45	38	49
405 Urinary system cancers - ureter and renal pelvis	22	17	16	9	3
406 Urinary system cancers - kidney	86	66	66	45	40
407 Urinary system cancers - urethra	1	2	-	-	-
408 Urinary system cancers - all other types	-	1	-	1	1
409 Nervous system cancers - brain	57	67	68	70	99
410 Nervous system cancers - all other types	4	4	1	2	2
411 Endocrine system cancers - thyroid	5	6	4	3	11
412 Endocrine system cancers - pancreas	46	39	34	52	56
413 Endocrine system cancers - thymus	1	1	1	1	2
414 Endocrine system cancers - adrenocortical	-	-	1	-	1
416 Endocrine system cancers - pituitary gland	-	-	-	-	1
417 Endocrine system cancers - all other types	-	-	1	1	2
418 Hodgkin lymphoma	3	2	7	-	3
419 Non-Hodgkin lymphoma	53	59	68	63	62
420 Leukemia - acute lymphoblastic leukemia (ALL)	14	18	11	14	9
421 Leukemia - acute myeloid leukemia (AML)	25	21	26	27	24
422 Leukemia - chronic lymphocytic leukemia (CLL)	7	7	9	6	9
423 Leukemia - chronic myeloid leukemia (CML)	6	6	6	5	2
424 Leukemia - hairy cell	2	-	-	-	-

## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
425 Leukemia - all other types	5	4	3	5	6
426 Multiple myeloma	32	26	26	39	46
427 Malignant neuroendocrine tumors	24	33	27	34	18
428 Mesothelioma	3	1	2	1	1
429 Myelodysplastic syndrome (MDS)	14	7	8	12	9
430 Cancer of other sites	3	3	2	5	7
431 Secondary malignancies	284	289	249	263	290
432 Malignant neoplasm, unspecified	11	6	6	9	12
433 Neoplasms of unspecified nature or uncertain behavior	39	33	25	44	26
434 Benign neoplasms	189	193	161	201	189
435 Conditions due to neoplasm or the treatment of neoplasm	151	118	107	104	110
Total	1,866	1,721	1,551	1,695	1,749
<b>17 Diseases of the nervous system</b>					
436 Meningitis	42	37	32	39	29
437 Encephalitis	20	24	21	28	23
438 Other specified CNS infection and poliomyelitis	4	5	3	2	4
439 Parkinson's disease	30	33	40	48	43
440 Multiple sclerosis	26	23	24	29	36
441 Other nervous system disorders (often hereditary or degenerative)	49	45	30	48	24
442 Cerebral palsy	1	1	2	-	2
443 Paralysis (other than cerebral palsy)	41	25	23	21	21
444 Epilepsy; convulsions	320	313	331	301	293
445 Headache; including migraine	130	122	73	74	50
446 Neurocognitive disorders	156	177	160	167	179
447 Transient cerebral ischemia	81	89	83	102	82
448 Coma; stupor; and brain damage	13	17	16	10	10
449 CNS abscess	16	26	21	33	25
450 Polyneuropathies	24	33	32	47	40
451 Sleep wake disorders	14	12	4	6	9
452 Nerve and nerve root disorders	28	23	23	22	22
453 Myopathies	19	22	17	21	28
454 Nervous system pain and pain syndromes	40	43	33	44	43
455 Other nervous system disorders (neither hereditary nor degenerative)	336	331	275	341	345
456 Postprocedural or postoperative nervous system complication	15	13	7	10	14
457 Sequela of specified nervous system conditions	1	1	-	-	-
Total	1,406	1,415	1,250	1,393	1,322
<b>18 Certain conditions originating in the perinatal period</b>					
463 Respiratory perinatal condition	3	-	1	-	2
469 Neonatal digestive and feeding disorders	4	4	2	1	2
470 Other specified and unspecified perinatal conditions	-	-	-	-	1
Total	7	4	3	1	5
<b>19 Pregnancy, childbirth and the puerperium</b>					
475 Spontaneous abortion and complications of spontaneous abortion	1	7	6	8	5
476 Induced abortion and complications of termination of pregnancy	6	5	7	3	5
477 Ectopic pregnancy and complications of ectopic pregnancy	7	4	9	3	2
478 Molar pregnancy and other abnormal products of conception	8	1	2	5	2
479 Complications following ectopic and/or molar pregnancy	-	1	1	-	2
481 Early, first or unspecified trimester hemorrhage	-	-	-	-	1
482 Hemorrhage after first trimester	9	13	9	3	2
483 Early or threatened labor	276	258	238	251	258
484 Multiple gestation	32	28	23	22	29
485 Maternal care related to fetal conditions	158	180	178	231	244
486 Polyhydramnios and other problems of amniotic cavity	73	60	56	73	76
487 Obstetric history affecting care in pregnancy	-	1	-	-	-
488 Previous C-section	422	460	412	406	368
489 Maternal care for abnormality of pelvic organs	11	9	12	13	15
490 Maternal care related to disorders of the placenta and placental implantation	69	73	81	74	94
491 Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	198	196	199	272	238
492 Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	563	564	586	637	670
493 Maternal intrauterine infection	5	7	9	4	12



## Appendix F

### Primary Diagnoses of Inpatient Stays in Vermont Hospitals CCSR Single Level Categories by Discharge Year

\* omits newborns

CCSR High Level Diagnosis Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Diagnosis Category</b>					
494 Prolonged pregnancy	716	684	567	597	592
495 Complications specified during childbirth	957	925	1,000	1,080	1,072
496 Malposition, disproportion or other labor complications	613	586	598	548	517
497 Anesthesia complications during pregnancy	-	1	-	-	-
498 OB-related trauma to perineum and vulva	591	480	348	272	196
499 Complications specified during the puerperium	69	66	64	88	63
500 Other specified complications in pregnancy	147	181	170	180	162
501 Uncomplicated pregnancy, delivery or puerperium	485	510	444	487	545
Total	5,416	5,300	5,019	5,257	5,170
<b>20 Diseases of the respiratory system</b>					
503 Sinusitis	9	10	8	9	7
504 Pneumonia (except that caused by tuberculosis)	1,441	1,451	961	841	961
505 Influenza	442	298	221	3	208
506 Acute and chronic tonsillitis	14	16	7	11	22
507 Acute bronchitis	207	196	116	111	304
508 Other specified upper respiratory infections	55	71	45	46	53
509 Other specified and unspecified upper respiratory disease	12	17	14	20	16
510 Chronic obstructive pulmonary disease and bronchiectasis	1,171	1,096	706	803	778
511 Asthma	171	189	104	96	163
512 Aspiration pneumonitis	258	270	218	245	255
513 Pleurisy, pleural effusion and pulmonary collapse	105	101	87	122	116
514 Respiratory failure; insufficiency; arrest	717	883	730	651	801
515 Lung disease due to external agents	5	4	13	13	12
516 Pneumothorax	64	49	64	44	55
517 Mediastinal disorders	3	4	1	-	1
518 Other specified and unspecified lower respiratory disease	101	82	75	94	103
519 Postprocedural or postoperative respiratory system complication	26	31	29	35	39
Total	4,801	4,768	3,399	3,144	3,894
<b>21 Diseases of the skin and subcutaneous tissue</b>					
520 Skin and subcutaneous tissue infections	724	751	634	693	640
521 Other specified inflammatory condition of skin	37	39	33	38	28
522 Pressure ulcer of skin	22	35	23	35	24
523 Non-pressure ulcer of skin	30	31	19	30	23
524 Contact dermatitis	2	2	3	6	7
525 Postprocedural or postoperative skin complication	19	23	13	22	18
526 Other specified and unspecified skin disorders	5	7	9	7	3
Total	839	888	734	831	743
<b>22 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>					
527 Syncope	152	180	137	142	102
528 Fever	79	70	68	67	34
529 Shock	16	21	20	27	16
530 Nausea and vomiting	69	84	86	88	72
531 Dysphagia	15	12	16	17	11
532 Abdominal pain and other digestive/abdomen signs and symptoms	142	138	119	83	77
533 Malaise and fatigue	116	100	117	125	118
534 Symptoms of mental and substance use conditions	4	4	4	3	4
536 Nervous system signs and symptoms	151	149	120	147	129
537 Genitourinary signs and symptoms	23	15	18	18	6
538 Circulatory signs and symptoms	72	73	60	66	57
539 Respiratory signs and symptoms	105	85	72	71	50
540 Skin/Subcutaneous signs and symptoms	18	9	10	9	10
541 General sensation/perception signs and symptoms	38	47	29	28	16
542 Other general signs and symptoms	92	131	114	151	113
543 Abnormal findings without diagnosis	119	119	87	102	111
Total	1,211	1,237	1,077	1,144	926
<b>Total of Groups 1 - 21</b>	<b>48,216</b>	<b>48,260</b>	<b>41,552</b>	<b>45,077</b>	<b>44,618</b>

## APPENDIX G

### Primary Diagnoses of Outpatient Services in Vermont Hospitals CCSR Single and High Level Diagnosis Groups by Discharge Year

CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
<b>1 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>					
1 Nutritional anemia	379	375	353	441	568
2 Hemolytic anemia	4	7	6	4	7
3 Aplastic anemia	235	295	176	218	246
4 Acute posthemorrhagic anemia	5	3	4	2	3
5 Sickle cell trait/anemia	7	10	8	2	4
6 Coagulation and hemorrhagic disorders	47	38	27	39	29
7 Diseases of white blood cells	32	27	12	30	20
8 Immunity disorders	226	238	154	180	225
10 Other specified and unspecified hematologic conditions	7	27	4	10	7
Total	942	1,020	744	926	1,109
<b>2 Diseases of the circulatory system</b>					
11 Chronic rheumatic heart disease	2	4	2	2	4
12 Acute rheumatic heart disease	-	-	-	-	1
13 Nonrheumatic and unspecified valve disorders	64	83	105	137	150
14 Endocarditis and endocardial disease	4	6	2	1	1
15 Myocarditis and cardiomyopathy	56	57	40	22	37
16 Pericarditis and pericardial disease	3	3	-	2	4
17 Essential hypertension	103	84	59	42	65
18 Hypertension with complications and secondary hypertension	3	1	2	1	5
19 Acute myocardial infarction	24	49	65	85	148
21 Coronary atherosclerosis and other heart disease	929	913	676	908	856
22 Nonspecific chest pain	116	94	71	116	139
23 Acute pulmonary embolism	21	31	21	24	26
24 Pulmonary heart disease	63	102	63	89	104
25 Other and ill-defined heart disease	28	17	9	15	8
26 Conduction disorders	118	109	118	110	102
27 Cardiac dysrhythmias	645	679	589	657	785
28 Cardiac arrest and ventricular fibrillation	2	4	3	2	8
29 Heart failure	41	57	56	77	113
30 Cerebral infarction	66	67	31	25	22
31 Acute hemorrhagic cerebrovascular disease	40	31	21	22	26
32 Sequela of hemorrhagic cerebrovascular disease	1	-	-	1	-
33 Occlusion or stenosis of precerebral or cerebral arteries without infarction	9	8	4	2	4
34 Other and ill-defined cerebrovascular disease	66	50	48	64	62
35 Sequela of cerebral infarction and other cerebrovascular disease	32	46	16	7	10
36 Peripheral and visceral vascular disease	437	471	316	392	466
37 Arterial dissections	1	4	3	3	2
38 Gangrene	7	8	8	15	18
39 Aortic; peripheral; and visceral artery aneurysms	19	25	22	37	24
40 Aortic and peripheral arterial embolism or thrombosis	5	8	4	7	8
41 Hypotension	6	2	6	5	5
42 Other specified and unspecified circulatory disease	27	52	56	46	48
43 Acute phlebitis; thrombophlebitis and thromboembolism	30	13	17	13	17
44 Chronic phlebitis; thrombophlebitis and thromboembolism	2	3	2	1	-
45 Varicose veins of lower extremity	138	207	165	195	182
46 Postthrombotic syndrome and venous insufficiency/hypertension	276	320	196	200	182
48 Postprocedural or postoperative circulatory system complication	1	1	3	3	10
49 Other specified diseases of veins and lymphatics	199	180	128	150	146
Total	3,584	3,789	2,927	3,478	3,788
<b>4 Diseases of the digestive system</b>					
53 Intestinal infection	16	14	11	10	17
54 Disorders of teeth and gingiva	38	57	39	34	38
55 Diseases of mouth; excluding dental	169	182	91	204	153
56 Esophageal disorders	2,487	2,386	1,673	2,426	2,462
57 Gastroduodenal ulcer	106	111	61	110	144
58 Gastrointestinal and biliary perforation	1	-	-	4	5
59 Gastritis and duodenitis	439	353	305	380	312
60 Other specified and unspecified disorders of stomach and duodenum	276	283	198	306	337
61 Appendicitis and other appendiceal conditions	60	74	46	65	78
62 Abdominal hernia	2,018	2,008	1,789	2,020	2,062

## APPENDIX G

### Primary Diagnoses of Outpatient Services in Vermont Hospitals CCSR Single and High Level Diagnosis Groups by Discharge Year

CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
63 Regional enteritis and ulcerative colitis	242	300	268	312	403
64 Intestinal obstruction and ileus	29	27	20	21	35
65 Diverticulosis and diverticulitis	272	261	216	195	284
66 Hemorrhoids	348	301	313	425	384
67 Anal and rectal conditions	349	338	281	367	444
68 Peritonitis and intra-abdominal abscess	54	120	65	125	127
69 Biliary tract disease	1,067	1,050	955	1,033	973
70 Hepatic failure	-	14	18	2	6
71 Other specified and unspecified liver disease	148	181	191	332	298
72 Pancreatic disorders (excluding diabetes)	86	76	50	67	73
73 Gastrointestinal hemorrhage	875	858	725	904	995
74 Noninfectious gastroenteritis	282	226	199	317	362
75 Noninfectious hepatitis	17	11	8	14	8
76 Postprocedural or postoperative digestive system complication	72	74	54	73	68
77 Other specified and unspecified gastrointestinal disorders	228	198	184	289	297
Total	9,679	9,503	7,760	10,035	10,365
<b>5 Diseases of the ear and mastoid process</b>					
78 Otitis media	835	896	452	310	588
79 Diseases of middle ear and mastoid (except otitis media)	337	280	245	252	265
80 Diseases of inner ear and related conditions	160	153	157	142	123
81 Hearing loss	251	275	211	236	268
82 Postprocedural or postoperative ear and/or mastoid process complication	40	38	41	54	57
83 Other specified and unspecified disorders of the ear	2,054	2,129	1,802	2,087	2,384
Total	3,677	3,771	2,908	3,081	3,685
<b>6 Endocrine, nutritional and metabolic diseases</b>					
84 Thyroid disorders	150	163	115	485	537
85 Diabetes mellitus without complication	80	62	80	91	127
86 Diabetes mellitus with complication	853	1,073	910	863	980
90 Nutritional deficiencies	20	23	18	16	21
91 Malnutrition	-	3	2	2	3
92 Obesity	36	35	40	71	36
93 Disorders of lipid metabolism	34	28	19	19	17
94 Fluid and electrolyte disorders	18	18	7	11	8
95 Cystic fibrosis	199	240	150	193	234
96 Pituitary disorders	2	3	7	7	2
97 Postprocedural or postoperative endocrine or metabolic complication	2	2	-	2	1
98 Other specified and unspecified endocrine disorders	79	66	95	87	72
99 Other specified and unspecified nutritional and metabolic disorders	56	56	45	61	62
Total	1,529	1,772	1,488	1,908	2,100
<b>8 Diseases of the eye and adnexa</b>					
131 Cornea and external disease	204	226	147	163	97
132 Cataract and other lens disorders	4,792	4,475	3,448	4,110	4,070
133 Glaucoma	431	536	413	328	305
134 Uveitis and ocular inflammation	8	11	15	17	7
135 Retinal and vitreous conditions	2,518	2,853	2,995	1,169	1,453
136 Neuro-ophthalmology	24	38	20	30	25
137 Strabismus	63	70	49	57	30
138 Oculofacial plastics and orbital conditions	240	240	126	161	157
139 Refractive error	6	3	1	3	3
140 Blindness and vision defects	36	41	30	49	34
141 Postprocedural or postoperative eye complication	11	12	10	13	10
142 Other specified eye disorders	15	14	11	17	19
Total	8,348	8,519	7,265	6,117	6,210
<b>9 Factors influencing health status and contact with health services</b>					
143 Encounter for administrative purposes	55	59	94	171	81
145 Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental d	90	144	116	131	115
146 Encounter for prophylactic or other procedures	321	297	191	316	422
147 Encounter for prophylactic measures (excludes immunization)	1	1	-	-	1
148 Encounter for antineoplastic therapies	7	41	213	139	257
149 Encounter for mental health conditions	-	1	-	-	-

## APPENDIX G

### Primary Diagnoses of Outpatient Services in Vermont Hospitals CCSR Single and High Level Diagnosis Groups by Discharge Year

CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
150 Neoplasm-related encounters	15,506	15,085	11,106	17,117	18,485
151 Implant, device or graft related encounter	532	610	480	483	449
152 Other aftercare encounter	1,641	1,754	1,648	1,578	1,267
154 Other specified encounters and counseling	3	1	-	1	7
155 Contraceptive and procreative management	749	857	857	582	552
156 Medical examination/evaluation	1,621	1,494	1,041	1,192	1,072
158 Exposure, encounters, screening or contact with infectious disease	111	124	141	45	57
160 Screening for neurocognitive or neurodevelopmental condition	1	-	-	-	1
162 Lifestyle/life management factors	18	10	17	15	18
163 Personal/family history of disease	3,123	3,396	2,639	1,632	2,043
164 Acquired absence of limb or organ	9	17	18	18	24
165 Organ transplant status	25	38	34	27	27
166 Carrier status	1	-	1	1	3
167 Other specified status	105	174	117	118	117
Total	23,919	24,103	18,713	23,566	24,998
<b>10 Diseases of the genitourinary system</b>					
168 Nephritis; nephrosis; renal sclerosis	11	8	6	11	13
169 Acute and unspecified renal failure	52	63	57	95	61
170 Chronic kidney disease	2,825	3,311	3,432	3,657	3,566
171 Urinary tract infections	311	400	339	417	338
172 Calculus of urinary tract	1,300	1,210	1,262	1,309	1,383
173 Other specified and unspecified diseases of kidney and ureters	389	444	440	483	489
174 Other specified and unspecified diseases of bladder and urethra	578	602	595	575	628
175 Urinary incontinence	354	340	302	212	183
176 Hematuria	258	251	270	279	329
177 Proteinuria	2	2	1	17	15
178 Vesicoureteral reflux	3	1	7	9	2
179 Hyperplasia of prostate	358	385	333	401	519
180 Inflammatory conditions of male genital organs	29	28	21	18	32
181 Erectile dysfunction	27	16	23	15	18
182 Male infertility	6	4	3	10	4
183 Other specified male genital disorders	329	326	319	351	328
184 Nonmalignant breast conditions	893	1,043	805	1,072	1,157
185 Inflammatory diseases of female pelvic organs	99	106	65	105	125
186 Endometriosis	157	176	158	176	197
187 Prolapse of female genital organs	298	376	336	293	346
188 Menstrual disorders	353	303	226	248	266
189 Benign ovarian cyst	101	97	74	96	77
190 Menopausal disorders	351	323	179	255	284
191 Female infertility	214	190	47	9	8
192 Other specified female genital disorders	845	993	640	977	985
193 Postprocedural or postoperative genitourinary system complication	44	44	51	43	46
Total	10,187	11,042	9,991	11,133	11,399
<b>11 Certain infectious and parasitic diseases</b>					
194 Tuberculosis	1	-	-	-	-
195 Septicemia	3	1	4	3	1
196 Bacterial infections	11	17	7	16	10
197 Fungal infections	272	461	258	394	411
199 HIV infection	2	2	5	-	2
200 Hepatitis	38	23	14	12	8
201 Viral infection	106	101	62	106	97
202 Parasitic, other specified and unspecified infections	14	16	6	5	8
203 Sexually transmitted infections (excluding HIV and hepatitis)	41	57	28	32	67
204 Sequela of specified infectious disease conditions	-	-	-	8	-
205 Coronavirus disease - 2019 (COVID-19)	-	-	7	25	57
Total	488	678	391	601	661
<b>12 Injury, poisoning and certain other consequences of external causes</b>					
206 Fracture of head and neck, initial encounter	59	61	44	50	53
207 Fracture of the spine and back, initial encounter	7	6	8	13	5
208 Fracture of torso, initial encounter	2	-	1	-	1
209 Fracture of the upper limb, initial encounter	852	965	789	932	849

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### Primary Diagnoses of Outpatient Services in Vermont Hospitals CCSR Single and High Level Diagnosis Groups by Discharge Year

CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
210 Fracture of the lower limb (except hip), initial encounter	510	538	496	530	506
211 Fracture of the neck of the femur (hip), initial encounter	3	2	2	7	12
212 Dislocations, initial encounter	58	69	66	69	79
213 Traumatic brain injury (TBI); concussion, initial encounter	2	2	1	2	-
214 Spinal cord injury (SCI), initial encounter	-	1	-	-	-
215 Internal organ injury, initial encounter	1	-	4	3	6
216 Open wounds of head and neck, initial encounter	28	30	31	34	29
217 Open wounds to limbs, initial encounter	190	187	205	205	204
218 Open wounds of trunk, initial encounter	7	7	5	5	4
219 Amputation of a limb, initial encounter	19	11	10	12	13
220 Amputation of other body parts, initial encounter	1	2	-	-	-
221 Injury to blood vessels, initial encounter	1	3	2	1	1
222 Superficial injury; contusion, initial encounter	57	72	56	77	78
223 Crushing injury, initial encounter	11	11	9	10	5
224 Burn and corrosion, initial encounter	9	23	12	20	10
225 Effect of foreign body entering opening, initial encounter	38	64	46	44	37
226 Effect of other external causes, initial encounter	3	2	3	5	3
227 Poisoning by drugs, initial encounter	-	-	1	-	-
228 Toxic effects, initial encounter	4	1	2	17	8
229 Sprains and strains, initial encounter	1,311	1,356	1,113	1,261	1,375
230 Injury to nerves, muscles and tendons, initial encounter	47	55	42	86	66
231 Other specified injury	16	14	12	15	27
232 Other unspecified injury	28	47	29	32	29
233 Adverse effects of drugs and medicaments, initial encounter	2	-	-	1	-
235 Drug induced or toxic related condition	17	7	12	9	21
236 Allergic reactions	1	1	3	4	2
238 Complication of cardiovascular device, implant or graft, initial encounter	161	147	96	103	120
239 Complication of genitourinary device, implant or graft, initial encounter	59	77	75	64	59
240 Complication of internal orthopedic device or implant, initial encounter	384	338	319	344	345
241 Complication of transplanted organs or tissue, initial encounter	13	14	6	7	12
242 Complication of other surgical or medical care, injury, initial encounter	190	209	176	164	159
243 Fracture of head and neck, subsequent encounter	-	14	6	5	5
244 Fracture of the spine and back, subsequent encounter	6	3	2	1	9
245 Fracture of torso, subsequent encounter	1	2	-	2	3
246 Fracture of the upper limb, subsequent encounter	109	85	84	92	105
247 Fracture of lower limb (except hip), subsequent encounter	69	81	42	53	57
248 Fracture of the neck of the femur (hip), subsequent encounter	1	3	1	-	1
249 Dislocations, subsequent encounter	3	6	3	3	3
250 Traumatic brain injury (TBI); concussion, subsequent encounter	2	8	-	1	-
251 Spinal cord injury (SCI), subsequent encounter	3	5	4	-	-
252 Internal organ injury, subsequent encounter	2	1	2	2	-
253 Open wounds of head and neck, subsequent encounter	2	2	-	7	2
254 Open wounds to limbs, subsequent encounter	7	13	13	7	10
255 Open wounds of trunk, subsequent encounter	1	-	2	1	3
256 Amputation of a limb, subsequent encounter	2	1	2	-	1
258 Injury to blood vessels, subsequent encounter	1	-	-	-	1
259 Superficial injury; contusion, subsequent encounter	5	10	9	5	6
260 Crushing injury, subsequent encounter	1	1	1	1	-
261 Burns and corrosion, subsequent encounter	1	1	4	-	1
262 Effect of foreign body entering opening, subsequent encounter	7	6	6	6	9
263 Effect of other external causes, subsequent encounter	1	1	-	3	2
265 Toxic effects, subsequent encounter	1	-	-	3	5
266 Sprains and strains, subsequent encounter	56	57	91	46	26
267 Injury to nerves, muscles and tendons, subsequent encounter	8	2	7	5	5
268 Other specified injury, subsequent encounter	1	3	3	5	5
269 Other unspecified injuries, subsequent encounter	3	8	4	4	5
272 Allergic reactions, subsequent encounter	1	-	-	1	-
274 Complication of cardiovascular device, implant or graft, subsequent encounter	8	4	1	1	6
275 Complication of genitourinary device, implant or graft, subsequent encounter	7	3	7	8	2
276 Complication of internal orthopedic device or implant, subsequent encounter	13	18	19	6	3
277 Complication of other surgical or medical care, injury, subsequent encounter	11	13	8	7	6

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### Primary Diagnoses of Outpatient Services in Vermont Hospitals CCSR Single and High Level Diagnosis Groups by Discharge Year

CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
278 Injury, sequela	9	12	12	14	19
280 Poisoning/toxic effect/adverse effects/underdosing, sequela	-	-	-	11	12
281 Complication, sequela	-	1	3	6	2
Total	4,433	4,686	4,012	4,432	4,432
<b>13 Congenital malformations, deformations and chromosomal abnormalities</b>					
282 Cardiac and circulatory congenital anomalies	45	31	38	29	29
283 Digestive congenital anomalies	34	31	12	23	36
284 Genitourinary congenital anomalies	145	143	114	147	128
285 Nervous system congenital anomalies	5	8	4	6	5
286 Congenital malformations of eye, ear, face, neck	29	33	20	33	24
287 Cleft lip or palate	16	11	13	13	11
288 Respiratory congenital malformations	20	30	19	20	15
289 Musculoskeletal congenital conditions	83	64	59	53	55
290 Chromosomal abnormalities	3	3	8	2	4
291 Other specified and unspecified congenital anomalies	29	37	28	42	41
Total	409	391	315	368	348
<b>14 Mental, behavioral and neurodevelopmental disorders</b>					
292 Schizophrenia spectrum and other psychotic disorders	13	7	-	-	-
293 Depressive disorders	10	10	9	9	5
294 Bipolar and related disorders	23	34	27	6	2
295 Other specified and unspecified mood disorders	-	1	-	2	-
296 Anxiety and fear-related disorders	7	7	7	17	20
297 Obsessive-compulsive and related disorders	-	-	-	1	1
298 Trauma- and stressor-related disorders	3	8	5	6	15
300 Personality disorders	1	1	-	-	-
301 Feeding and eating disorders	-	-	2	1	1
302 Somatic disorders	52	53	12	6	6
303 Suicidal ideation/attempt/intentional self-harm	0	0	0	0	1
304 Miscellaneous mental and behavioral disorders/conditions	30	56	40	52	85
305 Neurodevelopmental disorders	3	8	6	11	18
306 Alcohol-related disorders	1	1	-	1	2
307 Opioid-related disorders	14	5	3	11	13
308 Cannabis-related disorders	-	-	-	1	3
313 Tobacco-related disorders	24	38	23	42	36
314 Other specified substance-related disorders	-	-	-	1	-
315 Mental and substance use disorders in remission	3	3	3	2	5
Total	184	232	137	169	213
<b>15 Diseases of the musculoskeletal system and connective tissue</b>					
324 Infective arthritis	9	10	6	7	8
325 Osteomyelitis	134	141	169	143	165
326 Rheumatoid arthritis and related disease	78	68	37	44	53
327 Juvenile arthritis	-	4	7	5	7
329 Osteoarthritis	4,554	5,054	5,465	4,721	5,457
330 Other specified joint disorders	1,173	999	862	905	833
332 Tendon and synovial disorders	2,439	2,612	2,226	2,426	2,380
333 Musculoskeletal pain, not low back pain	1,560	1,741	1,592	1,888	2,015
334 Spondylopathies/spondyloarthropathy (including infective)	7,107	7,233	6,346	8,140	8,298
335 Biomechanical lesions	3	6	2	11	5
336 Osteoporosis	27	44	29	44	40
337 Pathological fracture, initial encounter	11	5	10	4	7
338 Pathological fracture, subsequent encounter	3	4	1	3	6
339 Stress fracture, initial encounter	7	3	7	4	8
340 Stress fracture, subsequent encounter	4	4	2	1	2
343 Pathological, stress and atypical fractures, sequela	-	1	1	-	-
344 Acquired foot deformities	689	771	675	645	654
345 Scoliosis and other postural dorsopathic deformities	16	9	2	4	6
346 Acquired deformities (excluding foot)	70	72	56	58	51
347 Systemic lupus erythematosus and connective tissue disorders	129	144	69	117	126
348 Other specified connective tissue disease	1,275	1,300	1,256	1,367	1,231
349 Muscle disorders	120	109	73	48	36
350 Musculoskeletal abscess	1	1	1	1	-

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### Primary Diagnoses of Outpatient Services in Vermont Hospitals CCSR Single and High Level Diagnosis Groups by Discharge Year

CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
351 Other specified bone disease and musculoskeletal deformities	138	143	105	152	149
352 Disorders of jaw	44	38	31	29	35
353 Aseptic necrosis and osteonecrosis	15	13	29	22	52
354 Traumatic arthropathy	3	7	2	6	11
355 Neurogenic/neuropathic arthropathy	6	4	6	5	10
356 Gout	31	20	12	11	21
357 Crystal arthropathies (excluding gout)	20	24	10	20	24
359 Autoinflammatory syndromes	1	-	-	-	1
360 Postprocedural or postoperative musculoskeletal system complication	24	51	27	39	34
361 Low back pain	262	228	244	173	204
Total	19,953	20,863	19,360	21,043	21,929
<b>16 Neoplasms</b>					
362 Head and neck cancers - eye	2	5	-	1	1
363 Head and neck cancers - lip and oral cavity	66	75	76	89	97
364 Head and neck cancers - throat	14	16	21	28	38
365 Head and neck cancers - salivary gland	5	6	10	11	9
366 Head and neck cancers - nasopharyngeal	14	2	10	15	4
367 Head and neck cancers - hypopharyngeal	5	10	5	12	5
368 Head and neck cancers - pharyngeal	1	4	7	5	5
369 Head and neck cancers - laryngeal	77	78	93	97	89
370 Head and neck cancers - tonsils	39	40	30	33	54
371 Head and neck cancers - all other types	14	18	24	15	55
372 Cardiac cancers	1	1	-	-	2
373 Gastrointestinal cancers - esophagus	133	144	134	132	124
374 Gastrointestinal cancers - stomach	60	53	57	52	47
375 Gastrointestinal cancers - small intestine	11	14	5	9	3
376 Gastrointestinal cancers - colorectal	564	530	521	344	371
377 Gastrointestinal cancers - anus	41	38	38	50	43
378 Gastrointestinal cancers - liver	28	23	42	17	26
379 Gastrointestinal cancers - bile duct	19	15	16	17	28
380 Gastrointestinal cancers - gallbladder	8	7	7	10	2
381 Gastrointestinal cancers - peritoneum	14	30	37	13	12
382 Gastrointestinal cancers - all other types	15	11	7	11	8
383 Respiratory cancers	429	460	415	519	573
384 Bone cancer	6	15	10	16	22
385 Sarcoma	21	38	22	25	19
386 Skin cancers - melanoma	253	236	230	309	289
387 Skin cancers - basal cell carcinoma	1,148	1,253	1,076	1,692	1,558
388 Skin cancers - squamous cell carcinoma	531	513	533	742	805
389 Skin cancers - all other types	197	227	244	474	239
390 Breast cancer - ductal carcinoma in situ (DCIS)	101	149	98	126	152
391 Breast cancer - all other types	861	910	877	879	1,025
392 Female reproductive system cancers - uterus	31	16	13	17	23
393 Female reproductive system cancers - cervix	56	91	58	54	47
394 Female reproductive system cancers - ovary	111	133	92	71	104
395 Female reproductive system cancers - fallopian tube	18	21	13	7	6
396 Female reproductive system cancers - endometrium	187	163	163	160	152
397 Female reproductive system cancers - vulva	17	22	22	20	40
398 Female reproductive system cancers - vagina	4	3	6	6	7
399 Female reproductive system cancers - all other types	8	6	6	9	7
400 Male reproductive system cancers - prostate	360	389	432	472	491
401 Male reproductive system cancers - testis	37	28	32	27	38
402 Male reproductive system cancers - penis	5	5	8	5	7
403 Male reproductive system cancers - all other types	-	1	1	3	5
404 Urinary system cancers - bladder	637	622	592	694	656
405 Urinary system cancers - ureter and renal pelvis	23	35	26	38	22
406 Urinary system cancers - kidney	41	53	47	50	57
407 Urinary system cancers - urethra	6	10	11	8	7
408 Urinary system cancers - all other types	22	77	153	244	278
409 Nervous system cancers - brain	16	18	21	41	21
410 Nervous system cancers - all other types	3	1	2	-	1
411 Endocrine system cancers - thyroid	77	66	47	66	74
412 Endocrine system cancers - pancreas	181	177	192	116	103
413 Endocrine system cancers - thymus	37	16	25	8	3
414 Endocrine system cancers - adrenocortical	-	-	-	1	3
415 Endocrine system cancers - parathyroid	-	-	-	-	1
417 Endocrine system cancers - all other types	2	2	1	-	3
418 Hodgkin lymphoma	61	52	50	80	66
419 Non-Hodgkin lymphoma	552	500	383	384	424

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### Primary Diagnoses of Outpatient Services in Vermont Hospitals CCSR Single and High Level Diagnosis Groups by Discharge Year

CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
420 Leukemia - acute lymphoblastic leukemia (ALL)	69	87	54	62	21
421 Leukemia - acute myeloid leukemia (AML)	111	113	72	91	83
422 Leukemia - chronic lymphocytic leukemia (CLL)	27	14	29	21	26
423 Leukemia - chronic myeloid leukemia (CML)	21	70	24	4	4
424 Leukemia - hairy cell	-	3	3	1	3
425 Leukemia - all other types	22	28	20	8	9
426 Multiple myeloma	168	182	151	119	140
427 Malignant neuroendocrine tumors	23	26	29	33	38
428 Mesothelioma	9	26	8	5	3
429 Myelodysplastic syndrome (MDS)	109	138	102	40	40
430 Cancer of other sites	11	7	6	4	6
431 Secondary malignancies	148	133	169	172	208
432 Malignant neoplasm, unspecified	31	21	20	22	26
433 Neoplasms of unspecified nature or uncertain behavior	477	1,559	324	482	399
434 Benign neoplasms	1,988	2,065	1,631	2,432	2,970
435 Conditions due to neoplasm or the treatment of neoplasm	42	22	21	7	11
Total	10,426	11,922	9,704	11,827	12,338
<b>17 Diseases of the nervous system</b>					
436 Meningitis	1	2	3	1	1
437 Encephalitis	1	3	-	2	-
438 Other specified CNS infection and poliomyelitis	2	1	1	-	-
439 Parkinson`s disease	103	108	60	89	90
440 Multiple sclerosis	29	40	52	10	16
441 Other nervous system disorders (often hereditary or degenerative)	334	377	331	53	68
442 Cerebral palsy	45	38	27	3	6
443 Paralysis (other than cerebral palsy)	68	70	79	11	11
444 Epilepsy; convulsions	30	42	21	28	24
445 Headache; including migraine	544	509	575	139	135
446 Neurocognitive disorders	5	14	1	11	6
447 Transient cerebral ischemia	6	5	5	5	0
448 Coma; stupor; and brain damage	12	10	22	36	21
449 CNS abscess	2	4	0	2	0
450 Polyneuropathies	364	368	309	414	395
451 Sleep wake disorders	487	453	2254	3405	3940
452 Nerve and nerve root disorders	2389	2582	2149	3073	2953
453 Myopathies	59	61	42	51	47
454 Nervous system pain and pain syndromes	67	76	53	54	44
455 Other nervous system disorders (neither hereditary nor degenerative)	51	73	55	52	55
456 Postprocedural or postoperative nervous system complication	17	12	11	9	9
Total	4616	4848	6050	7448	7821
<b>18 Certain conditions originating in the perinatal period</b>					
458 Liveborn	0	0	1	1	7
459 Short gestation; low birth weight; and fetal growth retardation	0	11	3	3	6
461 Neonatal cerebral disorders	0	2	2	0	0
463 Respiratory perinatal condition	2	0	3	2	0
464 Hemolytic jaundice and perinatal jaundice	3	7	3	8	2
466 Perinatal infections	0	0	0	1	0
467 Newborn affected by maternal conditions or complications of labor/delivery	0	2	0	0	2
468 Hemorrhagic and hematologic disorders of newborn	1	0	0	0	0
469 Neonatal digestive and feeding disorders	1	1	2	1	3
470 Other specified and unspecified perinatal conditions	3	0	2	0	1
471 Neonatal abstinence syndrome	0	1	0	0	0
Total	10	24	16	16	21
<b>19 Pregnancy, childbirth and the puerperium</b>					
473 Antenatal screening	7	5	27	12	4
474 Gestational weeks	3	5	11	16	5
475 Spontaneous abortion and complications of spontaneous abortion	44	36	35	41	44
476 Induced abortion and complications of termination of pregnancy	70	72	54	43	49
477 Ectopic pregnancy and complications of ectopic pregnancy	12	15	11	8	12
478 Molar pregnancy and other abnormal products of conception	147	152	112	101	136
480 Supervision of high-risk pregnancy	262	151	470	775	301
481 Early, first or unspecified trimester hemorrhage	16	11	4	2	5
482 Hemorrhage after first trimester	78	63	63	55	56
483 Early or threatened labor	539	433	376	303	334
484 Multiple gestation	57	42	43	52	23
485 Maternal care related to fetal conditions	418	454	354	535	583
486 Polyhydramnios and other problems of amniotic cavity	46	16	35	43	52
487 Obstetric history affecting care in pregnancy	0	0	0	1	0
488 Previous C-section	2	6	2	3	1



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CCSR High Level Group	ICD-10-CM				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Group</b>					
489 Maternal care for abnormality of pelvic organs	6	5	1	1	2
490 Maternal care related to disorders of the placenta and placental implantation	18	9	8	26	34
491 Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	467	560	327	434	317
492 Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	271	351	242	272	327
494 Prolonged pregnancy	128	150	100	88	102
495 Complications specified during childbirth	17	24	16	8	13
496 Malposition, disproportion or other labor complications	94	61	93	94	94
497 Anesthesia complications during pregnancy	0	0	1	0	0
498 OB-related trauma to perineum and vulva	0	2	0	0	1
499 Complications specified during the puerperium	14	10	11	20	18
500 Other specified complications in pregnancy	1024	995	896	820	1021
501 Uncomplicated pregnancy, delivery or puerperium	649	494	288	234	318
Total	4389	4122	3580	3987	3852
<b>20 Diseases of the respiratory system</b>					
503 Sinusitis	522	608	406	475	494
504 Pneumonia (except that caused by tuberculosis)	154	154	57	53	87
505 Influenza	2	0	1	0	0
506 Acute and chronic tonsillitis	534	541	303	323	337
507 Acute bronchitis	82	61	38	19	23
508 Other specified upper respiratory infections	64	81	49	32	46
509 Other specified and unspecified upper respiratory disease	1352	1420	913	1108	1073
510 Chronic obstructive pulmonary disease and bronchiectasis	2509	2677	1533	1496	1665
511 Asthma	1983	2243	1497	1405	1743
512 Aspiration pneumonitis	2	3	3	5	2
513 Pleurisy, pleural effusion and pulmonary collapse	211	203	155	205	265
514 Respiratory failure; insufficiency; arrest	27	48	54	49	78
515 Lung disease due to external agents	27	38	20	41	65
516 Pneumothorax	7	5	2	10	7
517 Mediastinal disorders	3	6	1	8	7
518 Other specified and unspecified lower respiratory disease	1079	1133	874	899	1035
519 Postprocedural or postoperative respiratory system complication	10	13	13	12	12
Total	8568	9234	5919	6140	6939
<b>21 Diseases of the skin and subcutaneous tissue</b>					
520 Skin and subcutaneous tissue infections	251	302	253	291	280
521 Other specified inflammatory condition of skin	1,052	562	597	1,014	747
522 Pressure ulcer of skin	30	34	54	58	96
523 Non-pressure ulcer of skin	156	161	141	200	341
524 Contact dermatitis	29	30	69	78	76
525 Postprocedural or postoperative skin complication	16	28	17	23	15
526 Other specified and unspecified skin disorders	2,864	3,357	2,585	3,859	3,646
Total	4,398	4,474	3,716	5,523	5,201
<b>22 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>					
527 Syncope	78	60	45	31	35
528 Fever	6	6	2	5	2
530 Nausea and vomiting	138	144	106	161	171
531 Dysphagia	1,179	1,262	1,065	1,630	1,636
532 Abdominal pain and other digestive/abdomen signs and symptoms	2,408	2,394	2,141	2,752	2,981
533 Malaise and fatigue	52	106	85	110	102
534 Symptoms of mental and substance use conditions	-	2	-	1	1
536 Nervous system signs and symptoms	104	123	117	127	123
537 Genitourinary signs and symptoms	698	689	828	760	807
538 Circulatory signs and symptoms	128	139	166	216	164
539 Respiratory signs and symptoms	3,018	3,187	2,648	3,290	3,800
540 Skin/Subcutaneous signs and symptoms	620	709	578	875	770
541 General sensation/perception signs and symptoms	51	53	69	112	106
542 Other general signs and symptoms	654	612	509	676	651
543 Abnormal findings without diagnosis	1,355	1,717	1,178	1,718	1,796
Total	10,489	11,203	9,537	12,464	13,145
<b>Total of Groups 1 - 21</b>	<b>130,228</b>	<b>136,196</b>	<b>114,533</b>	<b>134,262</b>	<b>140,554</b>

## APPENDIX H

### Inpatient Procedures in Vermont Hospitals CCSR Single and High Level Groups by Discharge Year

\* omits newborns

CCSR High Level Procedure Group	ICD-10-PCS				
	2018	2019	2020	2021	2022
<b>CCSR Single Level Procedure Category</b>					
<b>1 Administration of therapeutic substances</b>					
1 Transfusion of blood and blood products	459	380	358	371	254
2 Transfusion of plasma	18	10	8	3	2
3 Administration of albumin and globulin	8	10	7	5	2
4 Transfusion of clotting factors	30	29	28	23	28
5 Administration of thrombolytics and platelet inhibitors	37	30	20	29	41
6 Infusion of vasopressor	136	147	168	161	150
7 Intravenous induction of labor	60	59	58	100	120
8 Cervical ripening	13	17	23	75	35
9 Rh immunoglobulin and other serum infusion	1	-	-	-	1
10 Vaccinations	195	181	106	111	126
11 Administration and transfusion of bone marrow, stem cells, pancreatic islet cells, and t-cell	3	9	17	17	17
12 Chemotherapy	205	181	252	277	283
13 Peritoneal dialysis	5	11	9	6	5
14 Regional anesthesia	112	157	117	159	196
15 Administration of antibiotics	537	659	517	521	573
16 Administration of anti-inflammatory agents	209	151	189	263	184
17 Administration of nutritional and electrolytic substances	463	484	345	353	334
18 Irrigation (diagnostic and therapeutic)	15	29	35	41	38
19 Potential COVID-19 therapies	-	-	32	530	698
20 Administration of diagnostic substances, NEC	1	1	-	-	1
21 Administration of therapeutic substances, NEC	771	750	614	611	541
22 COVID-19 vaccinations	-	-	-	56	44
Total	3,278	3,295	2,903	3,712	3,673
<b>2 Cardiovascular procedures</b>					
23 Heart biopsy	2	-	-	-	3
24 Heart conduction mechanism procedures	77	59	63	58	65
25 Coronary artery bypass grafts (CABG)	227	246	257	279	270
26 Percutaneous coronary interventions (PCI)	668	677	586	550	541
27 Other coronary artery procedures (excluding CABG and PCI)	3	-	2	1	4
28 Carotid endarterectomy and stenting	109	135	122	121	140
29 Embolectomy, endarterectomy, and related vessel procedures (non-endovascular; excluding carotid)	52	66	63	66	71
30 Angioplasty and related vessel procedures (endovascular; excluding carotid)	87	96	111	128	126
31 Left atrial appendage procedures	25	29	30	47	55
32 Ligation and embolization of vessels	78	84	91	88	87
33 Aneurysm repair procedures	67	89	77	105	101
34 Vessel repair and replacement	33	24	34	41	36
35 Heart and great vessel bypass procedures	-	1	-	1	-
36 Peripheral arterial bypass procedures	40	73	67	67	53
37 Peripheral arteriovenous fistula and shunt procedures	1	3	-	2	1
38 Portal and other venous bypass procedures	16	9	11	7	8
39 Pericardial procedures	15	14	14	18	32
41 Septal repair and other therapeutic heart procedures	5	6	1	5	4
42 Saphenous vein harvest and other therapeutic vessel removal	8	10	7	9	4
43 Artery, vein, and great vessel procedures, NEC	17	16	11	17	12
44 Heart valve replacement and other valve procedures (non-endovascular)	130	123	99	122	119
45 Heart valve replacement and other valve procedures (endovascular)	244	296	273	285	326
46 Venous and arterial catheter placement	543	508	411	472	487
47 Placement of tunneled or implantable portion of a vascular access device	46	48	52	56	58
48 Pacemaker and defibrillator procedures	247	225	244	262	232
49 Heart assist device procedures	14	21	8	3	6
50 Inferior vena cava (IVC) filter procedures	21	14	17	17	14
51 Cardiovascular device procedures, NEC	17	13	25	21	16

## APPENDIX H

### Inpatient Procedures in Vermont Hospitals CCSR Single and High Level Groups by Discharge Year

\* omits newborns

CCSR High Level Procedure Group	ICD-10-PCS				
	2018 2,792	2019 2,885	2020 2,676	2021 2,848	2022 2,871
Total					
<b>4 Central nervous system procedures</b>					
53 Minimally invasive CNS biopsy	16	26	29	23	41
54 Lumbar puncture	288	253	215	283	245
55 Spinal canal and spinal cord drainage (excluding lumbar puncture)	11	10	9	9	12
56 Intracranial epidural and subdural space drainage	59	48	62	56	56
57 Ventriculostomy [percutaneous approach]	26	19	12	20	19
58 Other CNS drainage and related procedures	21	20	17	18	25
59 CNS excision procedures	95	122	89	127	142
60 Spinal cord decompression	18	23	18	33	50
61 Decompressive craniectomy	13	15	7	10	14
62 Cerebrospinal fluid shunt procedures	29	33	17	20	26
63 Meninges repair	7	15	3	2	6
64 CNS neurostimulator procedures	14	9	8	8	7
65 Spinal epidural catheter placement	4	8	7	4	9
66 CNS procedures, NEC	34	25	20	23	38
Total	635	626	513	636	690
<b>5 Endocrine procedures</b>					
67 Endocrine system biopsy	7	5	5	6	1
68 Thyroidectomy	9	11	10	9	11
69 Parathyroidectomy	6	4	3	2	1
70 Adrenalectomy	8	6	5	4	5
71 Pituitary gland resection	10	15	12	6	14
72 Endocrine procedures, NEC	2	2	2	4	3
Total	42	43	37	31	35
<b>6 Ear, nose, and throat procedures</b>					
73 Laryngoscopy (diagnostic)	64	50	41	52	57
74 ENT diagnostic endoscopy (excluding laryngoscopy)	18	15	13	9	13
75 ENT diagnostic procedures (non-endoscopic)	11	11	5	14	9
76 Diagnostic audiology	-	1	-	-	-
77 Myringotomy	5	6	2	2	2
78 ENT drainage (excluding myringotomy)	32	27	21	25	33
79 Tonsilectomy and adenoidectomy	4	7	6	10	16
80 Nasal and sinus excision	10	6	5	8	6
81 Tongue excision	5	4	8	6	7
82 Salivary gland excision	2	1	2	3	5
83 Laryngectomy	7	17	12	12	4
84 ENT excision (excluding nasal passage, sinuses, tongue, salivary glands, larynx)	7	6	7	7	11
85 ENT repair	16	34	30	13	15
86 Frenectomy	1	-	-	-	1
87 Dental procedures	8	6	5	3	7
89 ENT procedures, NEC	11	15	13	10	4
Total	201	206	170	174	190
<b>7 Extracorporeal or systemic assistance and performance</b>					
90 Hemodialysis	202	219	199	233	198
91 Extracorporeal membrane oxygenation	-	1	2	2	2
92 Mechanical ventilation	427	402	369	408	417
93 Non-invasive ventilation	652	709	600	751	1,027
94 Cardiac chest compression	15	27	25	27	26
95 Cardioversion	203	215	174	180	194
96 Cardiac pacing	6	2	5	3	3
97 Open heart cardiopulmonary bypass	1	-	1	1	-
98 Cardiac assistance with balloon pump	5	17	9	10	8
99 Cardiac assistance with ventricular assist device	1	1	-	5	1

## APPENDIX H

### Inpatient Procedures in Vermont Hospitals CCSR Single and High Level Groups by Discharge Year

\* omits newborns

CCSR High Level Procedure Group	ICD-10-PCS				
	2018	2019	2020	2021	2022
Total	1,512	1,593	1,384	1,620	1,876
<b>8 Extracorporeal or systemic therapies</b>					
101 Pheresis therapy	11	13	12	13	10
105 Extracorporeal or systemic therapies, NEC	-	1	-	-	-
Total	11	14	12	13	10
<b>9 Eye procedures</b>					
106 Eye procedures	8	14	10	2	8
107 Eyelid procedures	4	5	1	3	2
Total	12	19	11	5	10
<b>10 Female reproductive system procedures</b>					
108 Hysterectomy	152	120	108	121	109
109 Oophorectomy	15	12	10	14	19
110 Salpingectomy	16	15	11	13	17
112 Fallopian tube ligation and excision	6	3	-	4	3
113 Vulvar laceration repair	12	9	3	-	-
114 Female genital tract repair (excluding vulva)	10	10	4	2	1
115 Cervical dilation	6	1	8	28	41
116 Cervical cerclage	1	3	1	4	-
117 Female upper genital tract excision	22	19	18	21	14
118 Female lower genital tract excision	6	4	3	10	5
120 Subcutaneous contraceptive implant	-	2	3	3	4
122 Female reproductive system procedures, NEC	31	32	30	43	33
Total	277	230	199	263	246
<b>11 Gastrointestinal system procedures</b>					
123 Esophagogastroduodenoscopy (EGD) with biopsy	235	254	223	279	279
124 Colonoscopy and proctoscopy with biopsy	115	140	109	117	116
125 GI system biopsy (non-endoscopic)	17	10	13	17	16
126 GI system endoscopy without biopsy (diagnostic)	317	299	260	313	351
127 Exploration of peritoneal cavity	36	37	23	36	48
128 Paracentesis	255	221	279	294	283
129 GI system drainage (excluding paracentesis)	133	147	157	166	157
130 Appendectomy	201	211	169	185	154
131 Colectomy	427	338	332	396	386
132 Gastrectomy	162	141	92	116	110
133 Small bowel resection	144	119	120	157	151
134 Duodenal resection	4	-	2	5	2
135 Proctectomy or anal resection	14	14	25	30	20
136 Esophagectomy	8	5	3	11	10
137 Omentectomy or peritoneum resection	6	10	3	6	9
138 GI system endoscopic therapeutic procedures	43	51	35	36	40
139 Gastrostomy	46	57	54	58	62
140 Ileostomy and colostomy	55	46	57	51	58
141 Gastro-jejunal bypass (including bariatric)	11	3	2	9	10
142 Anorectal repair (3rd and 4th degree obstetrical repairs and other)	7	11	11	10	6
143 GI system repair (excluding anorectal)	45	48	43	60	67
144 GI system lysis of adhesions	55	82	59	72	90
146 Other peritoneal cavity procedures	23	19	28	19	17
147 Other GI system device procedures	24	21	24	32	30
148 Upper GI therapeutic procedures, NEC (open and laparoscopic)	53	49	46	47	25
149 Upper GI therapeutic procedures, NEC (endoscopic)	51	57	48	72	71
150 Lower GI therapeutic procedures, NEC (open and laparoscopic)	32	27	20	24	37
151 Lower GI therapeutic procedures, NEC (excluding open and laparoscopic)	14	9	11	13	8
Total	2,533	2,426	2,248	2,631	2,613

## APPENDIX H

### Inpatient Procedures in Vermont Hospitals CCSR Single and High Level Groups by Discharge Year

\* omits newborns

CCSR High Level Procedure Group	ICD-10-PCS				
	2018	2019	2020	2021	2022
<b>12 General region procedures</b>					
152 Cosmetic procedures	-	8	3	-	-
153 Abdominal wall repair (including hernia)	92	88	69	73	66
154 Inguinal and femoral hernia repair	28	26	28	36	16
155 Endoscopic control of bleeding	91	98	71	76	74
156 Control of bleeding (non-endoscopic)	12	13	8	12	6
157 Chest wall procedures, NEC	10	11	9	8	8
158 Mediastinal procedures, NEC	5	6	6	6	10
159 Abdominal wall procedures, NEC	27	24	26	23	19
160 Retroperitoneal procedures, NEC	13	20	25	18	17
161 Genitourinary tract procedures, NEC	2	-	1	3	5
Total	280	294	246	255	221
<b>13 Hepatobiliary and pancreas procedures</b>					
162 Liver biopsy	36	25	44	36	37
163 Pancreaticobiliary biopsy	4	4	7	2	3
164 Diagnostic ERCP with or without biopsy	22	7	8	19	13
165 Hepatobiliary resection and ablation	16	12	7	16	19
166 Pancreatectomy	16	5	6	17	18
167 Cholecystectomy	301	357	291	312	321
168 Biliary and pancreatic calculus removal	51	46	38	55	47
169 Common bile duct sphincterotomy and stenting	42	31	45	46	52
170 Pancreatic and proximal biliary dilation and stenting	5	7	5	5	2
171 Hepatobiliary and pancreatic drainage	69	70	60	79	92
174 Hepatobiliary and pancreatic procedures, NEC	4	9	5	5	6
Total	566	573	516	592	610
<b>14 Imaging</b>					
175 Cardiac and coronary fluoroscopy	219	268	302	247	220
176 Fluoroscopic angiography (excluding coronary)	36	35	30	28	29
177 Fluoroscopic guidance for circulatory system procedures	0	1	1	1	0
178 Fluoroscopy of non-circulatory organs	34	32	23	13	19
179 Magnetic resonance imaging (MRI)	65	78	82	62	27
180 Computerized tomography (CT) with contrast	431	515	473	346	47
181 Computerized tomography (CT) without contrast	438	532	492	330	61
182 Ultrasonography	604	696	440	303	137
183 Plain radiography	10	73	26	7	5
184 Fluorescence imaging	0	0	0	1	0
Total	1837	2230	1869	1338	545
<b>15 Lymphatic and hemic system procedures</b>					
185 Lymph node biopsy	56	47	27	40	45
186 Lymph node excision (therapeutic)	5	3	1	3	3
187 Lymph node dissection	23	14	14	12	10
188 Thymectomy	0	4	3	3	3
189 Splenectomy	8	9	12	11	8
190 Spleen procedures (excluding splenectomy)	3	1	1	0	2
191 Bone marrow biopsy	76	48	65	72	64
192 Bone marrow aspiration (therapeutic)	0	0	0	2	0
195 Lymphatic procedures, NEC	0	0	3	0	2
Total	171	126	126	143	137

## APPENDIX H

### Inpatient Procedures in Vermont Hospitals CCSR Single and High Level Groups by Discharge Year

\* omits newborns

CCSR High Level Procedure Group	ICD-10-PCS				
	2018	2019	2020	2021	2022
<b>16 Measurement and monitoring</b>					
196 Arterial oxygen saturation monitoring	21	4	5	0	0
197 Peripheral arterial pressure monitoring	0	0	-	1	1
199 Cardiac stress tests	37	31	22	18	0
200 Measurement during cardiac catheterization	105	132	105	141	223
201 Pacemaker and defibrillator interrogation	10	11	13	12	5
202 Electrocardiogram (ECG)	276	1	5	0	1
203 Cardiac monitoring	184	175	70	14	6
204 Electrophysiologic studies	0	1	1	2	1
205 Other cardiovascular system measurement and monitoring	14	5	6	23	28
206 Electroencephalogram (EEG)	276	317	281	336	266
207 ICP and other CNS monitoring (excluding EEG)	1	1	1	3	5
208 Monitoring of peripheral nerves	6	17	10	29	10
209 Pulmonary function tests	0	3	-	0	0
210 Measurement and monitoring, NEC	4	3	5	6	2
Total	934	701	524	585	548
<b>17 Mental health yherapy</b>					
213 Electroconvulsive therapy	34	51	42	42	54
214 Crisis intervention for mental health	-	12	12	0	0
215 Mental health procedures, NEC	20	1	0	0	-
Total	54	64	54	42	54
<b>18 Male reproductive system procedures</b>					
216 Circumcision	5	2	2	1	0
217 Penis procedures (excluding circumcision)	2	14	9	11	3
218 Prostatectomy	36	36	34	45	56
219 Prostate and seminal vesicle procedures (excluding prostatectomy)	26	14	26	23	29
220 Male perineum procedures	1	1	3	2	1
222 Male reproductive system procedures, NEC	12	16	10	16	6
Total	82	83	84	98	95
<b>19 Musculoskeletal, subcutaneous tissue, and fascia procedures</b>					
223 Arthrocentesis	116	92	74	85	94
224 Bone and joint biopsy	89	83	74	90	90
225 Subcutaneous tissue, fascia, and muscle biopsy	74	49	54	61	55
226 Incision and drainage of musculoskeletal tissue and joints	70	70	58	77	74
227 Incision and drainage of subcutaneous tissue and fascia	88	99	87	94	101
228 Knee arthroplasty	1497	1383	972	654	390
229 Hip arthroplasty	1316	1406	990	643	544
230 Arthroplasty of other joint (excluding knee and hip)	284	315	258	197	64
231 Fixation of upper extremity bones	81	72	76	74	47
232 Femur fixation	583	618	507	578	621
233 Fixation of leg and foot bones	255	264	207	248	216
234 Bone fixation (excluding extremities)	95	64	67	80	81
235 Spine fusion	556	502	362	397	361
236 Joint fusion (excluding spine)	73	55	50	50	44
237 Closed reduction of bones and joints	67	80	61	74	67
238 Vertebral discectomy	29	31	36	31	19
239 Joint tissue excision (excluding discectomy)	33	37	25	31	28
240 Bone excision	86	89	77	99	98
241 Muscle, tendon, bursa, and ligament excision	43	34	36	66	53
242 Subcutaneous tissue and fascia excision	154	176	202	184	211
243 Perineal muscle laceration repair (2nd degree obstetrical and other)	78	79	19	19	16
244 Tendon, muscle, bursa, and ligament repair (excluding perineal)	22	20	14	15	10
245 Toe and mid foot amputation	144	153	141	149	132
246 Below knee amputation	46	51	63	44	51
247 Above knee and other proximal lower extremity amputation	27	34	27	26	20
248 Finger and other upper extremity amputation	8	9	9	7	7
250 Subcutaneous tissue and fascia procedures, NEC	72	91	49	44	51
251 Musculoskeletal device procedures, NEC	18	30	15	14	26
252 Musculoskeletal procedures, NEC	51	37	28	34	28
Total	6055	6023	4638	4165	3599

## APPENDIX H

### Inpatient Procedures in Vermont Hospitals CCSR Single and High Level Groups by Discharge Year

\* omits newborns

CCSR High Level Procedure Group	ICD-10-PCS				
	2018	2019	2020	2021	2022
<b>20 Nuclear medicine</b>					
253 Planar nuclear medicine imaging	3	3	0	1	0
254 Tomographic nuclear medicine imaging	32	34	19	5	0
255 Radionuclide therapy and non-imaging procedures	-	1	-	0	0
256 Positron emission tomographic (PET) imaging	2	0	1	1	0
Total	37	38	20	7	0
<b>22 Other procedures</b>					
258 Robotic-assisted procedures	0	-	-	1	-
259 Computer-assisted procedures	-	0	-	-	1
261 Isolation procedures	0	0	-	-	1
262 Therapeutic massage and related procedures	0	0	0	0	1
Total	0	0	0	1	3
<b>23 Pregnancy-related procedures</b>					
263 Fetal heart rate monitoring	121	115	119	83	90
264 Spontaneous vaginal delivery	3309	3160	3038	3041	3064
265 Cesarean section	1277	1242	1240	1272	1283
266 Assisted vaginal delivery	288	236	215	230	173
267 Episiotomy	4	3	1	6	1
268 Removal of placenta and other retained products of conception	19	12	11	19	13
269 Removal of ectopic pregnancy	5	3	4	4	3
270 Abortion	4	8	9	3	4
271 Pregnancy and fetal procedures, NEC	0	0	0	3	3
Total	5027	4779	4637	4661	4634
<b>24 Dressings and other placements</b>					
272 Immobilization by splint or other external device	28	30	30	25	25
273 Packing and dressing procedures	30	65	44	49	38
Total	58	95	74	74	63
<b>25 Peripheral nervous system procedures</b>					
274 Lumbosacral nerve decompression	26	41	29	48	51
275 Cervicothoracic nerve decompression	1	3	4	2	1
276 Peripheral nerve decompression (excluding lumbosacral and cervicothoracic)	3	4	5	4	4
277 Nerve repair	0	0	1	0	1
278 Peripheral nerve denervation	2	3	1	2	3
279 Peripheral nerve procedures, NEC	0	2	1	3	2
Total	32	53	41	59	62
<b>26 Radiation therapy</b>					
280 Beam radiation	34	32	18	42	37
281 Brachytherapy	1	-	2	-	1
282 Stereotactic radiosurgery	1	1	0	1	0
283 Radiation therapy, NEC	1	0	2	1	0
Total	37	33	22	44	38
<b>27 Respiratory system procedures</b>					
284 Bronchoscopy (diagnostic)	106	92	57	73	103
285 Lung, pleura, or diaphragm biopsy (non-endoscopic)	37	46	37	38	36
286 Thoracentesis (diagnostic)	68	88	59	50	84
287 Bronchoscopy (therapeutic)	23	18	17	9	10
288 Chest tube placement and therapeutic thoracentesis	271	287	252	272	324
289 Open and thoracoscopic pleural drainage	9	16	22	11	11
290 Airway intubation	182	195	186	227	227
291 Lung, pleura, or diaphragm resection (open and thoracoscopic)	77	70	56	38	71
292 Bronchoscopic excision and fulguration	4	6	7	9	12
293 Tracheostomy	24	34	32	34	14
294 Diaphragmatic hernia repair	5	12	19	14	19
295 Release of lung and pleura	2	4	7	7	7
297 Respiratory system procedures, NEC	17	16	9	21	12
Total	825	884	760	803	930
<b>28 Rehabilitation, evaluation, and treatment</b>					
298 Physical, occupational, and respiratory therapy evaluation	5	46	18	4	2
299 Physical, occupational, and respiratory therapy treatment	298	284	206	214	207
300 Speech therapy evaluation	0	4	0	0	0
301 Speech therapy treatment	11	3	1	0	0
Total	314	337	225	218	209

## APPENDIX H

### Inpatient Procedures in Vermont Hospitals CCSR Single and High Level Groups by Discharge Year

\* omits newborns

CCSR High Level Procedure Group	ICD-10-PCS				
	2018	2019	2020	2021	2022
<b>29 Skin and breast procedures</b>					
302 Skin biopsy and diagnostic drainage	51	58	48	50	51
303 Incision and drainage of skin	90	55	58	73	50
304 Mastectomy and lumpectomy	22	33	12	12	8
305 Breast reconstruction	28	34	7	8	11
306 Perineal skin repair (1st degree obstetrical and other)	41	55	11	20	7
307 Skin laceration repair (excluding perineum)	87	88	90	85	88
308 Skin graft	27	33	22	32	20
309 Skin excision and debridement	85	70	74	75	95
310 Nail procedures	39	50	30	54	46
311 Skin and breast procedures, NEC	5	5	4	4	2
Total	475	481	356	413	378
<b>30 Substance use disorder treatment</b>					
312 Substance use detoxification	331	317	399	434	369
313 Pharmacotherapy for substance use	15	21	9	3	10
Total	346	338	408	437	379
<b>31 Urinary system procedures</b>					
316 Cystoscopy and ureteroscopy (including biopsy)	25	22	26	27	19
317 Kidney and other urinary tract biopsy (non-endoscopic)	29	31	25	27	27
318 Ureter and other urinary tract dilation	117	156	189	208	182
319 Removal of calculi and other matter from urinary tract	100	103	107	115	96
320 Nephrostomy and ureterostomy procedures (including stents)	48	58	56	66	74
321 Bladder catheterization and drainage	39	50	59	55	36
322 Urinary tract repair	15	20	14	12	7
323 Nephrectomy and ureterectomy	119	89	79	64	52
324 Cystectomy (including fulguration) and urethrectomy	41	45	46	45	54
325 Urinary diversion with anastomosis or ostomy	15	9	11	8	10
326 Kidney transplant	11	21	7	5	10
327 Urinary system procedures, NEC	16	19	21	20	11
Total	575	623	640	652	578
<b>Total of Groups 1 - 31</b>	<b>28,998</b>	<b>29,092</b>	<b>25,393</b>	<b>26,520</b>	<b>25,297</b>



## APPENDIX I

### Outpatient Procedures in Vermont Hospitals CCS Single and High Level Groups by Discharge Year

CCS High Level Procedure Groups					
	2018	2019	2020	2021	2022
CCS Single Level Procedure Categories					
<b>1 Operations on the nervous system</b>					
1 Incision & excision of CNS	-	1	-	1	-
2 Insertion, replacem, rem of extracranial ventricular shunt	18	40	14	18	19
3 Laminectomy, excision intervertebral disc	325	341	267	364	327
4 Diagnostic spinal tap	53	144	110	101	110
5 Insert cath, spinal stimulator, inject into spinal canal	4,089	3,893	3,323	3,809	3,763
6 Decompression peripheral nerve	1,532	1,570	1,218	1,658	1,606
7 Other diagnostic nervous system procedures	2,500	2,586	4,571	6,982	7,423
8 Other non-OR or closed therapeutic nerv syst procs	2,167	2,382	3,932	3,888	4,209
9 Other OR therapeutic nervous system procedures	1,665	1,867	149	151	114
Total	12,349	12,824	13,584	16,972	17,571
<b>2 Operations on the endocrine system</b>					
10 Thyroidectomy, partial or complete	150	158	110	127	119
11 Diagnostic endocrine procedures	69	64	41	37	43
12 Other therapeutic endocrine procedures	93	82	71	81	84
Total	312	304	222	245	246
<b>3 Operations on the eye</b>					
13 Corneal transplant	4	12	3	1	-
14 Glaucoma procedures	408	513	389	323	298
15 Lens & cataract procedures	4,795	4,479	3,441	4,124	4,070
16 Repair of retinal tear, detachment	278	251	221	276	386
17 Destruction of lesion of retina & choroid	82	139	132	179	145
18 Diagnostic procedures on eye	54	32	25	33	17
19 Other therapeutic procedures on eyelids, conjunctiva, cornea	509	497	317	445	341
20 Other intraocular therapeutic procedures	2,584	3,085	3,286	1,175	1,306
21 Other extraocular muscle & orbit therapeutic procedures	128	128	76	73	44
Total	8,842	9,136	7,890	6,629	6,607
<b>4 Operations on the ear</b>					
22 Tympanoplasty	97	81	58	54	39
23 Myringotomy	827	798	435	286	517
24 Mastoidectomy	24	17	18	12	13
25 Diagnostic procedures on ear	6	36	19	33	21
26 Other therapeutic ear procedures	2,213	2,225	1,935	2,274	2,449
Total	3,167	3,157	2,465	2,659	3,039
<b>5 Operations on the nose, mouth, and pharynx</b>					
27 Control of epistaxis	175	204	116	155	174
28 Plastic procedures on nose	267	332	233	79	64
29 Dental procedures	37	50	29	37	48
30 Tonsillectomy and/or adenoidectomy	595	743	427	363	412
31 Diagnostic procedures on nose, mouth & pharynx	2,018	2,364	1,612	2,371	2,567
32 Other non-OR therapeutic procedures on nose, mouth & pharynx	28	28	191	154	240
33 Other OR therapeutic procedures on nose, mouth & pharynx	370	399	272	521	445
Total	3,490	4,120	2,880	3,680	3,950
<b>6 Operations on the respiratory system</b>					
34 Tracheostomy, temporary & permanent	4	3	3	4	3
35 Tracheoscopy & laryngoscopy with biopsy	1,924	1,870	1,314	1,505	1,399
36 Lobectomy or pneumonectomy	-	-	-	-	2
37 Diagnostic bronchoscopy & biopsy of bronchus	362	391	320	372	429
38 Other diagnostic procedures on lung & bronchus	10,203	11,132	7,373	8,561	10,002
39 Incision of pleura, thoracentesis, chest drainage	182	199	183	230	282

## APPENDIX I

### Outpatient Procedures in Vermont Hospitals CCS Single and High Level Groups by Discharge Year

CCS High Level Procedure Groups					
	2018	2019	2020	2021	2022
<b>CCS Single Level Procedure Categories</b>					
40 Other diagnostic proc of respiratory tract & mediastinum	96	150	58	29	34
41 Other non-OR therapeutic procedures on respiratory system	21	15	17	20	26
42 Other OR therapeutic procedures on respiratory system	143	157	118	104	75
Total	12,935	13,917	9,386	10,825	12,252
<b>7 Operations on the cardiovascular system</b>					
43 Heart valve procedures	1	2	2	1	3
44 Coronary artery bypass graft (CABG)	-	-	-	1	-
45 Percutaneous transluminal coronary angioplasty (PTCA)	14	30	17	267	257
47 Diagnostic cardiac catheterization, coronary arteriography	1,082	1,012	753	756	779
48 Insert, revis, replacet, rem pacemaker or cardioverter/defib	293	267	290	233	266
49 Other OR heart procedures	13	11	17	-	1
51 Endarterectomy, vessel of head & neck	-	-	-	1	-
52 Aortic resection, replacement or anastomosis	-	2	-	-	-
53 Varicose vein stripping, lower limb	215	246	98	65	73
54 Other vascular catheterization, not heart	1,086	1,097	1,017	1,108	1,028
56 Other vascular bypass & shunt, not heart	3	4	6	3	4
57 Creat, revis, rem of arteriovenous fistula or cannula for dialys	290	278	215	208	214
58 Hemodialysis	30	47	17	56	23
59 Other OR procedures on vessels of head & neck	88	97	65	83	74
60 Embolectomy & endarterectomy of lower limbs	3	-	-	1	2
61 Other OR procedures on vessels other than head & neck	314	302	235	166	184
62 Other diagnostic cardiovascular procedures	696	750	562	655	753
63 Other non-OR therapeutic cardiovascular procedures	3,479	3,356	3,382	2,989	3,287
Total	7,607	7,501	6,676	6,593	6,948
<b>8 Operations on the hemic and lymphatic system</b>					
64 Bone marrow transplant	35	47	54	28	39
65 Bone marrow biopsy	107	303	104	151	146
66 Procedures on spleen	1	-	-	1	-
67 Other therap procedures, hemic & lymphatic system	190	226	219	401	450
Total	333	576	377	581	635
<b>9 Operations on the digestive system</b>					
68 Injection or ligation of esophageal varices	55	49	35	36	35
69 Esophageal dilatation	436	400	304	350	367
70 Upper gastrointestinal endoscopy, biopsy	5,166	5,414	3,703	6,449	6,689
71 Gastrostomy, temporary & permanent	105	110	100	102	96
72 Colostomy, temporary & permanent	1	1	1	1	1
73 Ileostomy & other enterostomy	19	20	21	16	21
75 Small bowel resection	-	-	-	2	1
76 Colonoscopy & biopsy	21,941	20,948	16,787	21,931	24,712
77 Proctoscopy & anorectal biopsy	589	600	455	679	683
78 Colorectal resection	7	8	7	17	20
80 Appendectomy	75	98	67	87	106
81 Hemorrhoid procedures	229	212	224	265	269
82 Endoscopic retrograde cannulation of pancreas (ERCP)	136	136	129	100	101
83 Biopsy of liver	-	4	3	134	119
84 Cholecystectomy & common duct exploration	919	886	781	859	796
85 Inguinal & femoral hernia repair	1,073	1,136	1,054	1,142	1,146
86 Other hernia repair	791	741	668	758	774
87 Laparoscopy	78	84	70	103	106
88 Abdominal paracentesis	382	402	480	465	486

## APPENDIX I

### Outpatient Procedures in Vermont Hospitals CCS Single and High Level Groups by Discharge Year

CCS High Level Procedure Groups					
	2018	2019	2020	2021	2022
<b>CCS Single Level Procedure Categories</b>					
89 Exploratory laparotomy	1	3	2	3	4
90 Excision, lysis peritoneal adhesions	-	-	-	2	-
91 Peritoneal dialysis	2,531	3,037	3,199	3,385	3,336
93 Other non-OR upper GI therapeutic procedures	22	17	15	12	13
94 Other OR upper GI therapeutic procedures	55	34	22	43	48
95 Other non-OR lower GI therapeutic procedures	34	48	66	92	85
96 Other OR lower GI therapeutic procedures	181	200	184	173	157
97 Other gastrointestinal diagnostic procedures	220	452	121	312	298
98 Other non-OR gastrointestinal therapeutic procedures	97	129	148	172	181
99 Other OR gastrointestinal therapeutic procedures	129	127	70	63	50
Total	35,272	35,296	28,716	37,753	40,700
<b>10 Operations on the urinary system</b>					
100 Endoscopy & endoscopic biopsy of the urinary tract	1,206	1,237	1,444	1,661	1,795
101 Transurethral excision, drainage, rem urinary obstruction	691	768	773	807	805
102 Ureteral catheterization	305	282	281	377	387
103 Nephrotomy & nephrostomy	114	129	146	135	151
104 Nephrectomy, partial or complete	9	20	27	21	31
106 Genitourinary incontinence procedures	183	207	157	92	108
107 Extracorporeal lithotripsy, urinary	901	841	846	896	869
108 Indwelling catheter	576	755	665	536	639
109 Procedures on the urethra	199	211	184	172	167
110 Other diagnostic procedures of urinary tract	28	66	12	85	85
111 Other non-OR therapeutic procedures of urinary tract	726	676	728	782	761
112 Other OR therapeutic procedures of urinary tract	326	315	316	273	317
Total	5,264	5,507	5,579	5,837	6,115
<b>11 Operations on the male genital organs</b>					
113 Transurethral resection of prostate (TURP)	156	141	126	122	132
114 Open prostatectomy	104	118	111	6	6
115 Circumcision	272	272	209	268	287
116 Diagnostic procedures, male genital	379	292	307	480	516
117 Other non-OR therapeutic procedures, male genital	145	152	132	151	169
118 Other OR therapeutic procedures, male genital	432	395	369	360	364
Total	1,488	1,370	1,254	1,387	1,474
<b>12 Operations on the female genital organs</b>					
119 Oophorectomy, unilateral & bilateral	383	399	352	379	406
120 Other operations on ovary	84	78	57	39	26
121 Ligation of fallopian tubes	118	65	31	20	11
123 Other operations on fallopian tubes	2	5	2	15	16
124 Hysterectomy, abdominal & vaginal	669	620	541	426	490
125 Other excision of cervix & uterus	335	422	244	362	374
126 Abortion (termination of pregnancy)	73	72	56	35	39
127 D&C, aspiration after delivery or abortion	184	186	148	147	176
128 Diagnostic dilatation & curettage (D&C)	34	33	27	15	21
129 Repair cystocele & rectocele, oblit of vaginal vault	102	135	131	175	180
130 Other diagnostic procedures, female organs	3,032	2,988	2,263	2,511	2,402
131 Other non-OR therapeutic procedures, female organs	575	712	594	418	407
132 Other OR therapeutic procedures, female organs	400	422	296	354	309
Total	5,991	6,137	4,742	4,896	4,857

## APPENDIX I

### Outpatient Procedures in Vermont Hospitals CCS Single and High Level Groups by Discharge Year

CCS High Level Procedure Groups					
	2018	2019	2020	2021	2022
CCS Single Level Procedure Categories					
<b>13 Obstetrical procedures</b>					
122 Removal of ectopic pregnancy	11	13	10	6	10
134 Cesarean section	2	-	-	-	4
135 Forceps, vacuum & breech delivery	1	1	1	2	4
137 Other procedures to assist delivery	55	46	73	58	70
138 Diagnostic amniocentesis	-	1	-	-	-
139 Fetal monitoring	4,006	3,766	3,258	3,689	3,517
140 Repair of current obstetric laceration	2	-	-	1	2
141 Other therapeutic obstetrical procedures	22	37	22	17	29
Total	4,099	3,864	3,364	3,773	3,636
<b>14 Operations on the musculoskeletal system</b>					
142 Partial excision bone	447	421	344	391	386
143 Bunionectomy or repair of toe deformities	484	514	403	374	390
144 Treatment, facial fracture or dislocation	55	64	41	54	54
145 Treatment, fracture or disloc of radius & ulna	434	576	425	476	430
146 Treatment, fracture or disloc of hip & femur	14	8	7	15	15
147 Treatment, fracture or disloc of lower extremity	535	596	532	516	510
148 Other fracture & dislocation procedure	516	503	444	537	481
149 Arthroscopy	363	345	266	179	182
150 Division of joint capsule, ligament or cartilage	62	50	58	53	49
151 Excision of semilunar cartilage of knee	967	870	748	820	821
152 Arthroplasty knee	207	340	552	825	1,098
153 Hip replacement, total & partial	34	55	414	625	837
154 Arthroplasty other than hip or knee	216	186	202	359	551
155 Arthrocentesis	5,902	6,638	6,590	5,230	5,174
156 Injections & aspirations of muscles, tendons, etc.	1,453	1,747	1,372	1,560	1,508
157 Amputation of lower extremity	125	154	170	192	168
158 Spinal fusion	119	127	72	19	34
159 Other diagnostic procedures on musculoskeletal system	61	91	48	129	137
160 Other therapeutic procedures on muscles & tendons	2,625	2,461	1,983	2,424	2,426
161 Other OR therapeutic procedures on bone	593	564	442	545	569
162 Other OR therapeutic procedures on joints	1,058	1,028	866	926	962
163 Other non-OR therapeutic procedures on musc system	29	24	59	73	72
164 Other OR therapeutic procedures on musc system	61	46	42	174	279
Total	16,360	17,408	16,080	16,496	17,133
<b>15 Operations on the integumentary system</b>					
165 Breast biopsy & other diagnostic procedures on breast	1,368	1,533	1,212	1,615	1,573
166 Lumpectomy, quadrantectomy of breast	538	639	508	522	589
167 Mastectomy	120	158	145	122	158
168 Incision & drainage, skin & subcutaneous tissue	174	192	208	251	276
169 Debridement of wound, infection or burn	345	496	426	475	770
170 Excision of skin lesion	4,667	5,509	4,036	5,142	4,791
171 Suture of skin & subcutaneous tissue	580	592	525	955	822
172 Skin graft	632	642	576	421	426
173 Other diagnostic proc on skin & subcutaneous tissue	267	1,535	236	2,602	2,446
174 Other non-OR therapeutic procedures on skin & breast	3,617	3,344	3,125	3,382	2,886
175 Other OR therapeutic procedures on skin & breast	411	439	321	449	654
Total	12,719	15,079	11,318	15,936	15,391
<b>Total of Groups 1 - 15</b>	<b>130,228</b>	<b>136,196</b>	<b>114,533</b>	<b>134,262</b>	<b>140,554</b>

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
250	Pharmacy	5600	Drugs Charged to Patients
251	Pharmacy: Generic	5600	Drugs Charged to Patients
252	Pharmacy: Nongeneric	5600	Drugs Charged to Patients
254	Pharmacy: Incident to other diagnostic services	5600	Drugs Charged to Patients
255	Pharmacy: Incident to radiology	5600	Drugs Charged to Patients
256	Pharmacy: Experimental drugs	5600	Drugs Charged to Patients
257	Pharmacy: Non-prescription	5600	Drugs Charged to Patients
258	Pharmacy: IV solutions	5600	Drugs Charged to Patients
259	Pharmacy: Other	5600	Drugs Charged to Patients
260	IV Therapy	4800	Intravenous Therapy
261	IV Therapy: Infusion pump	4800	Intravenous Therapy
262	IV Therapy: IV Therapy, pharm services	4800	Intravenous Therapy
263	IV Therapy: IV Therapy/drug/supp/delivery	4800	Intravenous Therapy
264	IV Therapy: supplies	4800	Intravenous Therapy
269	IV Therapy: Other IV therapy	4800	Intravenous Therapy
270	Medical/Surgical Supplies	5500	Med Supplies Charged to Patient
271	Medical/Surgical Supplies: Nonsterile supplies	5500	Med Supplies Charged to Patient
272	Medical/Surgical Supplies: Sterile supplies	5500	Med Supplies Charged to Patient
273	Medical/Surgical Supplies: Take home supplies	5500	Med Supplies Charged to Patient
274	Medical/Surgical Supplies: Prosthetic/Orthotic devices	3540	Prosthetic Devices
275	Medical/Surgical Supplies: Pacemaker	5530	Implantable Devices Charged to Patient
276	Medical/Surgical Supplies: Intraocular lens	5530	Implantable Devices Charged to Patient
278	Medical/Surgical Supplies: Other implants	5530	Implantable Devices Charged to Patient
279	Medical/Surgical Supplies: Other supplies/devices	5500	Med Supplies Charged to Patient
280	Oncology	3480	Oncology
289	Oncology: Other oncology	3480	Oncology
299	Durable Medical Equipment: Other equipment	6700	Durable Medical Equip. - Sold
300	Laboratory - Clinical Diagnostic	3390	Laboratory - Clinical
301	Laboratory - Clinical Diagnostic: Chemistry	3180	Chemistry

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
302	Laboratory - Clinical Diagnostic: Immunology	3380	Immunology
303	Laboratory - Clinical Diagnostic: Renal patient (home)	3390	Laboratory - Clinical
304	Laboratory - Clinical Diagnostic: Nonroutine dialysis	3390	Laboratory - Clinical
305	Laboratory - Clinical Diagnostic: Hematology	3350	Hematology
306	Laboratory - Clinical Diagnostic: Bacteriology/microbiology	3050	Bacteriology and Microbiology
307	Laboratory - Clinical Diagnostic: Urology	3390	Laboratory - Clinical
309	Laboratory - Clinical Diagnostic: Other laboratory	3390	Laboratory - Clinical
310	Laboratory - Pathology	3420	Laboratory - Pathological
311	Laboratory - Pathology: Cytology	3240	Laboratory - Pathological
312	Laboratory - Pathology: Histology	3360	Histology
314	Laboratory - Pathology: Biopsy	3060	Biopsy
319	Laboratory - Pathology: Other	3420	Laboratory - Pathological
320	Radiology - Diagnostic	4100	Radiology-Diagnostic
321	Radiology - Diagnostic: Angiocardiology	3030	Angiocardiology
322	Radiology - Diagnostic: Arthrography	4100	Radiology-Diagnostic
323	Radiology - Diagnostic: Arteriography	3650	Vascular Lab
324	Radiology - Diagnostic: Chest X-ray	4100	Radiology-Diagnostic
329	Radiology - Diagnostic: Other	4100	Radiology-Diagnostic
330	Radiology - Therapeutic	4200	Radiology-Therapeutic
331	Radiology - Therapeutic: Chemotherapy - injected	3190	Chemotherapy
332	Radiology - Therapeutic: Chemotherapy - oral	3190	Chemotherapy
333	Radiology - Therapeutic: Radiation therapy	4200	Radiology-Therapeutic
335	Radiology - Therapeutic: Chemotherapy - IV	3190	Chemotherapy
339	Radiology - Therapeutic: Other	4200	Radiology-Therapeutic
340	Nuclear Medicine	3450	Nuclear Medicine - Diagnostic
341	Nuclear Medicine: Diagnostic	3450	Nuclear Medicine - Diagnostic
342	Nuclear Medicine: Therapeutic	3470	Nuclear Medicine - Therapeutic
343	Diagnostic Radiopharms	3450	Nuclear Medicine - Diagnostic
344	Therapeutic Radiopharms	3470	Nuclear Medicine - Therapeutic

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
349	Nuclear Medicine: Other	3450	Nuclear Medicine - Diagnostic
350	CT Scan	3230	CAT Scan
351	CT Scan: Head	3230	CAT Scan
352	CT Scan: Body	3230	CAT Scan
359	CT Scan: Other CT scans	3230	CAT Scan
360	Operating Room Services	3700	Operating Room
361	Operating Room Services: Minor surgery	3700	Operating Room
362	Operating Room Services: Organ trnsplnt, not kidney	3700	Operating Room
367	Operating Room Services: Kidney transplant	3700	Operating Room
369	Operating Room Services: Other operating room services	3700	Operating Room
370	Anesthesia	4000	Anesthesiology
371	Anesthesia: Incident to radiology	4000	Anesthesiology
372	Anesthesia: Incident to other diag services	4000	Anesthesiology
379	Anesthesia: Other anesthesia	4000	Anesthesiology
380	Blood	4600	Whole Blood & Packed Red Blood Cells
381	Blood: Packed red cells	4600	Whole Blood & Packed Red Blood Cells
382	Blood: Whole blood	4600	Whole Blood & Packed Red Blood Cells
383	Blood: Plasma	4600	Whole Blood & Packed Red Blood Cells
384	Blood: Platelets	4600	Whole Blood & Packed Red Blood Cells
385	Blood: Leukocytes	4600	Whole Blood & Packed Red Blood Cells
386	Blood: Other components	4600	Whole Blood & Packed Red Blood Cells
387	Blood: Other derivatives	4600	Whole Blood & Packed Red Blood Cells
389	Blood: Other blood	4600	Whole Blood & Packed Red Blood Cells
390	Blood Storage/Processing	4700	Blood Storing, Processing, & Trans.
391	Blood: Administration (e.g. Transfusion)	4700	Blood Storing, Processing, & Trans.
392	Blood: Processing and Storage	4700	Blood Storing, Processing, & Trans.
399	Other blood handling	4700	Blood Storing, Processing, & Trans.
400	Other Imaging Services	4100	Radiology - Diagnostic
401	Other Imaging Services: Diagnostic mammography	3440	Mammography

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
402	Other Imaging Services: Ultrasound	3630	Ultra Sound
403	Other Imaging Services: Screening mammography	3440	Mammography
404	Other Imaging Services: PET scan	3450	Nuclear Medicine-Diagnostic
409	Other Imaging Services: Other imaging services	4100	Radiology - Diagnostic
410	Respiratory Services	4900	Respiratory Therapy
412	Respiratory Services: Inhalation services	4900	Respiratory Therapy
413	Respiratory Services: Hyberbaric oxygen therapy	4900	Respiratory Therapy
419	Respiratory Services: Other respiratory services	4900	Respiratory Therapy
420	Physical Therapy	5000	Physical Therapy
421	Physical Therapy: Visit charge	5000	Physical Therapy
422	Physical Therapy: Hourly charge	5000	Physical Therapy
423	Physical Therapy: Group rate	5000	Physical Therapy
424	Physical Therapy: Evaluation/re-evaluation	5000	Physical Therapy
429	Physical Therapy: Other physical therapy	5000	Physical Therapy
430	Occupational Therapy	5100	Occupational Therapy
431	Occupational Therapy: Visit charge	5100	Occupational Therapy
432	Occupational Therapy: Hourly charge	5100	Occupational Therapy
433	Occupational Therapy: Group rate	5100	Occupational Therapy
434	Occupational Therapy: Evaluation/re-evaluation	5100	Occupational Therapy
439	Occupational Therapy: Other occupational therapy	5100	Occupational Therapy
440	Speech-Language Pathology	5200	Speech Pathology
441	Speech-Language Pathology: Visit charge	5200	Speech Pathology
442	Speech-Language Pathology: Hourly charge	5200	Speech Pathology
443	Speech-Language Pathology: Group rate	5200	Speech Pathology
444	Speech-Language Pathology: Evaluation/ re-evaluation	5200	Speech Pathology
449	Speech-Language Pathology: Other speech language pathology	5200	Speech Pathology
450	Emergency Room	6100	Emergency
451	Emergency Room: EM/EMTALA	6100	Emergency
452	Emergency Room: ER/ Beyond EMTALA	6100	Emergency



## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
456	Emergency Room: Urgent care	6100	Emergency
459	Emergency Room: Other emergency room	6100	Emergency
460	Pulmonary Function	3560	Pulmonary Function Testing
469	Pulmonary Function: Other	3560	Pulmonary Function Testing
470	Audiology	3040	Audiology
471	Audiology: Diagnostic	3040	Audiology
472	Audiology: Treatment	3040	Audiology
479	Audiology: Other audiology	3040	Audiology
480	Cardiology	3140	Cardiology
481	Cardiology: Cardiac catheter lab	3120	Cardiac Catheterization Laboratory
482	Cardiology: Stress test	3620	Stress Test
483	Cardiology: Echocardiology	3260	Echocardiography
489	Cardiology: Other cardiology	3140	Cardiology
490	Ambulatory Surgery	5800	ASC
499	Ambulatory Surgery: Other ambulatory surgical care	5800	ASC
510	Clinic	6000	Clinic
511	Clinic: Chronic pain center	6000	Clinic
512	Clinic: Dental clinic	3250	Dental Services
513	Clinic: Psychiatric clinic	3550	Psychiatric/Psychological Services
514	Clinic: OB/GYN clinic	6000	Clinic
515	Clinic: Pediatric clinic	6000	Clinic
516	Clinic: Urgent care clinic	6000	Clinic
517	Clinic: Family clinic	4040	Family Practice
519	Clinic: Other clinic	6000	Clinic
530	Osteopathic Services	3530	Osteopathic Therapy
531	Osteopathic Services: Osteopathic therapy	3530	Osteopathic Therapy
539	Osteopathic Services: Other osteopathic services	3530	Osteopathic Therapy
610	Magnetic Resonance Tech. (MRT)	3430	Magnetic Resonance Imaging (MRI)
611	Magnetic Resonance Tech. (MRT): Brain (incl. Brainstem)	3430	Magnetic Resonance Imaging (MRI)

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
612	Magnetic Resonance Tech. (MRT): Spinal cord (incl. spine)	3430	Magnetic Resonance Imaging (MRI)
614	Magnetic Resonance Tech. (MRT): MRI - Other	3430	Magnetic Resonance Imaging (MRI)
615	Magnetic Resonance Tech. (MRT): MRA - Head and Neck	3430	Magnetic Resonance Imaging (MRI)
616	Magnetic Resonance Tech. (MRT): MRA - Lower Ext	3430	Magnetic Resonance Imaging (MRI)
618	Magnetic Resonance Tech. (MRT): MRA - Other	3430	Magnetic Resonance Imaging (MRI)
619	Magnetic Resonance Tech. (MRT): Other MRT	3430	Magnetic Resonance Imaging (MRI)
621	Med - Surg Supplies Ext. of 270: Incident to radiology	5500	Med Supplies Charged to Patient
622	Med - Surg Supplies Ext. of 270: Incident to other diag.	5500	Med Supplies Charged to Patient
623	Surgical dressings	5500	Med Supplies Charged to Patient
624	Med - Surg Supplies Ext. of 270: Investigational Device (IDE)	5530	Implantable Devices Charged to Patient
631	Drugs Require Specific ID: Single source drug	5600	Drugs Charged to Patients
632	Drugs Require Specific ID: Multiple source drug	5600	Drugs Charged to Patients
633	Drugs Require Specific ID: Restrictive prescription	5600	Drugs Charged to Patients
634	Drugs Require Specific ID: EPO under 10,000 units	5600	Drugs Charged to Patients
635	Drugs Require Specific ID: EPO over 10,000 units	5600	Drugs Charged to Patients
636	Drugs Require Specific ID: Drugs requiring detail coding	5600	Drugs Charged to Patients
637	Drugs Require Specific ID: Self admin drugs (insulin admin in emergency-diabetes coma)	5600	Drugs Charged to Patients
681	Trauma Response: Level I	6100	Emergency
682	Trauma Response: Level II	6100	Emergency
683	Trauma Response: Level III	6100	Emergency
684	Trauma Response: Level IV	6100	Emergency
689	Trauma Response: Other	6100	Emergency
700	Cast Room	6000	Clinic
710	Recovery Room	3800	Recovery Room
720	Labor Room	3900	Delivery Room & Labor Room
721	Labor Room: Labor	3900	Delivery Room & Labor Room
722	Labor Room: Delivery	3900	Delivery Room & Labor Room
723	Labor Room: Circumcision	3220	Circumcision
724	Labor Room: Birthing center	3070	Birthing Center

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
729	Labor Room: Other labor room/delivery	3900	Delivery Room & Labor Room
730	EKG/ECG	3280	EKG and EEG
731	EKG/ECG: Holter monitor	3370	Holter Monitor
732	EKG/ECG: Telemetry	3280	EKG and EEG
739	EKG/ECG: Other EKG/ECG	3280	EKG and EEG
740	EEG	3280	EKG and EEG
750	Gastrointestinal	3340	Gastro Intestinal Services
760	Treatment/Observation Room	6000	Clinic
761	Treatment/Observation Room: Treatment room	6000	Clinic
762	Treatment/Observation Room: Observation room	6201	Observation Beds (Distinct Part)
769	Treatment/Observation Room: Other treatment room	6000	Clinic
770	Preventive Care Services	6000	Clinic
771	Preventive Care Services: Admin. of vaccine	6000	Clinic
790	Extra-Corp Shock Wave Therapy	3640	Urology
800	Inpatient Dialysis	5700	Renal Dialysis
801	Inpatient Hemodialysis	5700	Renal Dialysis
802	Inpatient peritoneal dialysis	5700	Renal Dialysis
803	inpatient dialysis CAPD	5700	Renal Dialysis
804	Inpatient dialysis CCPD	5700	Renal Dialysis
809	Other inp dialysis	5700	Renal Dialysis
810	Organ Acquisition	8600	Other Organ Acquisition (Specify)
811	Organ Acquisition: Living donor	8600	Other Organ Acquisition (Specify)
812	Organ Acquisition: Cadaver donor	8600	Other Organ Acquisition (Specify)
813	Organ Acquisition: Unknown donor	8600	Other Organ Acquisition (Specify)
814	Organ Acquisition: Unsuccessful Organ Search Donor Bank Charges	8600	Other Organ Acquisition (Specify)
819	Organ Acquisition: Other donor	8600	Other Organ Acquisition (Specify)
820	Hemo OPD/Home	5700	Renal Dialysis
821	Hemo OPD/Home: Hemodialysis comp or other rate	5700	Renal Dialysis
822	Hemo OPD/Home supplies	5700	Renal Dialysis

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
823	Hemo OPD/home equipment	5700	Renal Dialysis
824	Hemo OPD/Home Maintenance 100%	5700	Renal Dialysis
825	Hemo OPD/Home Support Services	5700	Renal Dialysis
829	Hemo OPD/Home: Other HEMO outpatient	5700	Renal Dialysis
830	Peritoneal OPD/Home	5700	Renal Dialysis
831	Peritoneal OPD/Home: Peritoneal comp or other rate	5700	Renal Dialysis
839	Peritoneal OPD/Home: Other peritoneal dialysis	5700	Renal Dialysis
840	CAPD OPD/Home	5700	Renal Dialysis
841	CAPD OPD/Home: CAPD comp or other rate	5700	Renal Dialysis
849	CAPD OPD/Home: Other CAPD dialysis	5700	Renal Dialysis
850	CCPD OPD/Home	5700	Renal Dialysis
851	CCPD OPD/Home: CCPD comp or other rate	5700	Renal Dialysis
859	CCPD OPD/Home: Other CCPD dialysis	5700	Renal Dialysis
860	Magnetoencephalography (MEG)	3280	EKG and EEG
861	MEG	3280	EKG and EEG
880	Miscellaneous Dialysis	5700	Renal Dialysis
881	Miscellaneous Dialysis: Ultrafiltration	5700	Renal Dialysis
889	Miscellaneous Dialysis: Other misc dialysis	5700	Renal Dialysis
900	Psychiatric/Psychological Trt	3550	Psychiatric/Psychological Services
901	Psychiatric/Psychological Trt: Electroshock treatment	3320	Electroshock Therapy
902	Psychiatric/Psychological Trt: Milieu therapy	3550	Psychiatric/Psychological Services
903	Psychiatric/Psychological Trt: Play therapy	3550	Psychiatric/Psychological Services
904	Psychiatric/Psychological Trt: Activity therapy	3580	Recreational Therapy
905	Psychiatric/Psychological Trt: Intensive Outpatient serv-sych	3550	Psychiatric/Psychological Services
906	Psychiatric/Psychological Trt: Intensive out serv - chem dep	3550	Psychiatric/Psychological Services
907	Psychiatric/Psychological Trt: Comm behavioral program	3550	Psychiatric/Psychological Services
911	Psychiatric/Psychological Svcs: Rehabilitation	3550	Psychiatric/Psychological Services
912	Psychiatric/Psychological Svcs: Partial Hosp - less intensive	3550	Psychiatric/Psychological Services
913	Psychiatric/Psychological Svcs: Partial Hosp - Intensive	3550	Psychiatric/Psychological Services

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
914	Psychiatric/Psychological Svcs: Individual therapy	3550	Psychiatric/Psychological Services
915	Psychiatric/Psychological Svcs: Group therapy	3550	Psychiatric/Psychological Services
916	Psychiatric/Psychological Svcs: Family therapy	3550	Psychiatric/Psychological Services
917	Psychiatric/Psychological Svcs: Biofeedback	3550	Psychiatric/Psychological Services
918	Psychiatric/Psychological Svcs: Testing	3550	Psychiatric/Psychological Services
919	Psychiatric/Psychological Svcs: Other behavioral treat/serv	3550	Psychiatric/Psychological Services
921	Other Diagnostic Services: Peripheral vascular lab	3650	Vascular Lab
922	Other Diagnostic Services: Electromyogram	3290	Electromyography
923	Other Diagnostic Services: Pap smear	3240	Cytology
924	Other Diagnostic Services: Allergy test	3380	Immunology
925	Other Diagnostic Services: Pregnancy test	3390	Laboratory - Clinical
941	Other Therapeutic Serv: Recreation Rx	6000	Clinic
942	Other Therapeutic Serv: Educ/training	6000	Clinic
943	Other Therapeutic Serv: Cardiac rehab	3140	cardiology
944	Other Therapeutic Serv: Drug rehab	3550	Psychiatric/Psychological Services
945	Other Therapeutic Serv: Alcohol rehab	3550	Psychiatric/Psychological Services
948	Pulmonary Rehabilitation	4900	respiratory
1	Total Charge	N/A	
22	HIPPS	N/A	
23	HIPPS	N/A	
24	HIPPS	N/A	
100	All Inclusive Rate	N/A	
101	All Inclusive Rate	N/A	
110	Room & Board (Private)	N/A	
111	Medical/Surgical/Gyn	N/A	
112	OB	N/A	
113	Pediatric	N/A	
114	Psychiatric	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
115	Hospice	N/A	
116	Detoxification	N/A	
117	Oncology	N/A	
118	Rehab	N/A	
119	Other	N/A	
120	Room & Board (Semi-Private 2 beds)	N/A	
121	Medical/Surgical/Gyn	N/A	
122	OB	N/A	
123	Pediatric	N/A	
124	Psychiatric	N/A	
125	Hospice	N/A	
126	Detoxification	N/A	
127	Oncology	N/A	
128	Rehab	N/A	
129	Other	N/A	
130	Room&Board (Semi private 3-4 beds)	N/A	
131	Medical/Surgical/Gyn	N/A	
132	OB	N/A	
133	Pediatric	N/A	
134	Psychiatric	N/A	
135	Hospice	N/A	
136	Detoxification	N/A	
137	Oncology	N/A	
138	Rehab	N/A	
139	Other	N/A	
140	Room & Board (Private Deluxe)	N/A	
141	Medical/Surgical/Gyn	N/A	
142	OB	N/A	
143	Pediatric	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
144	Psychiatric	N/A	
145	Hospice	N/A	
146	Detoxification	N/A	
147	Oncology	N/A	
148	Rehab	N/A	
149	Other	N/A	
150	Room & Board (Ward)	N/A	
151	Medical/Surgical/Gyn	N/A	
152	OB	N/A	
153	Pediatric	N/A	
154	Psychiatric	N/A	
155	Hospice	N/A	
156	Detoxification	N/A	
157	Oncology	N/A	
158	Rehab	N/A	
159	Other	N/A	
160	Room & Board (other)	N/A	
164	Sterile Environment	N/A	
167	Self care	N/A	
169	Other	N/A	
170	Nursery	N/A	
171	Newborn-Level I	N/A	
172	Newborn-Level II	N/A	
173	Newborn-Level III	N/A	
174	Newborn-Level IV	N/A	
179	Other Nursery	N/A	
180	Leave of Absence	N/A	
182	Patient Convenience	N/A	
183	Therapeutic Leave	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
185	Hospitalization	N/A	
189	Other leave of absence	N/A	
190	Subacute care	N/A	
191	Subacute care-Level I	N/A	
192	Subacute care-Level II	N/A	
193	Subacute care-Level III	N/A	
194	Subacute care-Level IV	N/A	
199	Other subacute care	N/A	
200	Intensive care	N/A	
201	Surgical	N/A	
202	Medical	N/A	
203	Pediatric	N/A	
204	Psychiatric	N/A	
206	Intermediate ICU	N/A	
207	Burn care	N/A	
208	Trauma	N/A	
209	Other intensive care	N/A	
210	Coronary care	N/A	
211	Myocardial Infarction	N/A	
212	Pulmonary Care	N/A	
213	Heart Transplant	N/A	
214	Intermediate CCU	N/A	
219	Other Coronary Care	N/A	
220	Special charges	N/A	
221	Admission charge	N/A	
222	Technical support charge	N/A	
223	U.R. service charge	N/A	
224	Late discharge, medically necessary	N/A	
229	Other special charges	N/A	



## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
230	Incremental nursing charge rate	N/A	
231	Nursery	N/A	
232	OB	N/A	
233	ICU	N/A	
234	CCU	N/A	
235	Hospice	N/A	
239	Other	N/A	
240	All inclusive Ancillary	N/A	
241	Basic	N/A	
242	Comprehensive	N/A	
243	Specialty	N/A	
249	Other all inclusive ancillary	N/A	
253	Take home drugs	N/A	
277	Oxygen-Take home	N/A	
290	Durable Medical Equipment	N/A	
291	DME Rental	N/A	
292	Durable Medical Equipment: Purchase - new equipment	N/A	
293	Purchase of used DME	N/A	
294	Supplies/Drugs for DME effectiveness (HHA only)	N/A	
374	Acupuncture	N/A	
500	Outpatient services	N/A	
509	Other Outpatient	N/A	
520	Free-Standing Clinic	N/A	
521	Rural health-clinic	N/A	
522	Rural health-home	N/A	
523	Family Practice Clinic	N/A	
524	RHC/FQHC visit in Part A covered SNF	N/A	
525	RHC/FQHC visit in noncovered SNF, NF, ICFMR or other	N/A	
526	Urgent Care Clinic	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
527	Nurse visit to home in a HH shortage area	N/A	
528	RHC/FQHC visit to other non RHC/FQHC site	N/A	
529	Free-Standing Clinic: Other	N/A	
540	Ambulance	N/A	
541	Supplies	N/A	
542	Medical Transport	N/A	
543	Heart Mobile	N/A	
544	Oxygen	N/A	
545	Air ambulance	N/A	
546	Neonatal ambulance services	N/A	
547	Pharmacy	N/A	
548	Telephone Transmission EKG	N/A	
549	Other ambulance	N/A	
550	Skilled nursing	N/A	
551	Visit charge	N/A	
552	Hourly charge	N/A	
559	Other skilled nursing	N/A	
560	Home Health (HH) -- Medical Social Services	N/A	
561	Home Health (HH) Medical Social Services: Visit charge	N/A	
562	Home Health (HH) Medical Social Services: Hourly charge	N/A	
569	Home Health (HH) Medical Social Services: Other Medical Social Services	N/A	
570	Home health-Home health aide	N/A	
571	Visit charge	N/A	
572	Hourly charge	N/A	
579	Other home health aide	N/A	
580	Home health-other visits	N/A	
581	Visit charge	N/A	
582	Hourly charge	N/A	
583	Assessment	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
589	Other home health visit	N/A	
590	Home health-units of service	N/A	
600	Home health-oxygen	N/A	
601	Oxygen-state/equip/suppl/ or cont	N/A	
602	Oxygen-state/equip/suppl/ or under 1 LPM	N/A	
603	Oxygen-state/equip/over 4 LPM	N/A	
604	Oxygen-Portable Add-on	N/A	
609	Other oxygen	N/A	
640	Home IV Therapy Services	N/A	
641	Nonroutine nursing, central line	N/A	
642	IV site care, Central line	N/A	
643	IV start/change, peripheral line	N/A	
644	Nonroutine nursing, peripheral line	N/A	
645	Training patient/caregiver, central line	N/A	
646	Training, Disabled patient, central line	N/A	
647	Training, patient/caregiver, peripheral line	N/A	
648	Training, disabled patient, peripheral line	N/A	
649	Other IV therapy services	N/A	
650	Hospice service	N/A	
651	routine home care	N/A	
652	continuous home care	N/A	
655	inpatient respite care	N/A	
656	general inpatient care (non-respite)	N/A	
657	physician services	N/A	
658	Hospice Room & Board-Nursing facility	N/A	
659	Other hospice service	N/A	
660	Respite Care	N/A	
661	Hourly Repite Care Charge Nursing	N/A	
662	Hourly Respite Care Charge Aide/Homemaker/Companion	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
663	Daily Respite Charge	N/A	
669	Other respite care	N/A	
670	Outpatient Special Residence Charges	N/A	
671	Hospital based	N/A	
672	Contracted	N/A	
679	Other special residence charge	N/A	
680	Not Used	N/A	
780	Telemedicine	N/A	
832	Home supplies	N/A	
833	Home equipment	N/A	
834	Maintenance/100%	N/A	
835	Support services	N/A	
842	Home supplies	N/A	
843	Home equipment	N/A	
844	Maintenance/100%	N/A	
845	Support services	N/A	
852	Home supplies	N/A	
853	Home equipment	N/A	
854	Maintenance/100%	N/A	
855	Support services	N/A	
882	Home dialysis aid visit	N/A	
920	Other Diagnostic Services	N/A	
929	Other Diagnostic Services: Other diagnostic services	N/A	
931	Medical rehab; half day	N/A	
932	Medical rehab; full day	N/A	
940	Other Therapeutic Serv	N/A	
946	Complex medical equipment-Routine	N/A	
947	Complex medical equipment-Ancillary	N/A	
949	Other Therapeutic Serv: Additional RX SVS	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
951	Other therapeutic services-(940x) Athletic training	N/A	
952	Other therapeutic services-(940x) Kinesiotherapy	N/A	
960	Professional fees	N/A	
961	Psychiatric	N/A	
962	Ophthalmology	N/A	
963	Anesthesiologist (MD)	N/A	
964	Anesthetist (CRNA)	N/A	
969	Other professional fee	N/A	
971	Professional fees (096x) Laboratory	N/A	
972	Professional fees (096x) Radiology-Diagnostic	N/A	
973	Professional fees (096x) Radiology-Therapeutic	N/A	
974	Professional fees (096x) Radiology-nuclear medicine	N/A	
975	Professional fees (096x) Operating room	N/A	
976	Professional fees (096x) Respiratory Therapy	N/A	
977	Professional fees (096x) Physical therapy	N/A	
978	Professional fees (096x) Occupational therapy	N/A	
979	Professional fees (096x) Speech pathology	N/A	
981	Professional fees (096x) Emergency room	N/A	
982	Professional fees (096x) Outpatient services	N/A	
983	Professional fees (096x) clinic	N/A	
984	Professional fees (096x) medical social services	N/A	
985	Professional fees (096x) EKG	N/A	
986	Professional fees (096x) EEK	N/A	
987	Professional fees (096x) Hospital visit	N/A	
988	Professional fees (096x) Consultation	N/A	
989	Private duty nurse	N/A	
990	Patient convenience items	N/A	
991	Cafeteria/guest tray	N/A	
992	private linen service	N/A	

## APPENDIX J

### Crosswalk for Revenue Code to Primary Cost Center

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
993	telephone/telegraph	N/A	
994	TV/radio	N/A	
995	Nonpatient room rentals	N/A	
996	Late discharge charge	N/A	
997	admission kits	N/A	
998	Beauty shop/barber	N/A	
999	Other patient convenience item	N/A	
1000	Behavioral health accomodations	N/A	
1001	Residential treatment-psychiatric	N/A	
1002	residential treatment-chemical dependency	N/A	
1003	Supervised living	N/A	
1004	halfway house	N/A	
1005	group home	N/A	
2100	Alternative therapy services	N/A	
2101	acupuncture	N/A	
2102	acupressure	N/A	
2103	massage	N/A	
2104	reflexology	N/A	
2105	biofeedback	N/A	
2106	hypnosis	N/A	
2109	Other alternative therapy services	N/A	
3101	Adult day care, Medical and social, hourly	N/A	
3102	Adult day care, social, hourly	N/A	
3103	Adult day care, medical and social, daily	N/A	
3104	Adult day care, social, daily	N/A	
3105	Adult foster care, daily	N/A	
3109	Other adult care	N/A	

## Appendix K

### Hospitals in this Report

#### Vermont Acute Care Hospitals

Brattleboro Memorial Hospital  
(BRAT)  
17 Belmont Avenue  
Brattleboro, Vermont 05301

Central Vermont Medical Center  
(CVMC)  
P.O. Box 547  
Barre, Vermont 05641

Copley Hospital  
(COPL)  
528 Washington Highway  
Morrisville, Vermont 05661

Gifford Medical Center  
(GIFF)  
44 Main Street, P.O. Box 2000  
Randolph, Vermont 05060

Grace Cottage Family Health &  
Hospital  
(GRAC)  
Route 35, P.O. Box 216  
Townshend, Vermont 05353

Mt. Ascutney Hospital and Health  
Center  
(MTA)  
289 County Road  
Windsor, Vermont 05089

North Country Hospital  
(NCTY)  
189 Prouty Drive  
Newport, Vermont 05855

Northeastern Vermont Regional  
Hospital  
(NEVT)  
1315 Hospital Drive, P.O. Box 905  
St. Johnsbury, Vermont 05819

Northwestern Medical Center  
(NWST)  
133 Fairfield Street, P.O. Box 1370  
St. Albans, Vermont 05478

Porter Medical Center(PORT)  
115 Porter Drive  
Middlebury, Vermont 05753

Rutland Regional Medical Center(RRMC)  
160 Allen Street  
Rutland, Vermont 05701

Southwestern Vermont Medical  
Center  
(SWVT)  
100 Hospital Drive East  
Bennington, Vermont 05201

Springfield Hospital  
(SPRF)  
25 Ridgewood Road, P.O. Box 2003  
Springfield, Vermont 05156

The University of Vermont Medical  
Center  
(UVMC)  
111 Colchester Avenue  
Burlington, Vermont 05401  
(Formerly Fletcher Allen Health Care)

## New Hampshire Hospitals Most Frequently Used by Vermont Residents

Alice Peck Day Memorial Hospital (NH-Alice Day) Lebanon, New Hampshire	Exeter Hospital (NH-Exeter) Exeter, New Hampshire	Parkland Medical Center (NH-Parkland) Derry, New Hampshire
Androscoggin Valley Hospital (NH-Androscoggin) Berlin, New Hampshire	Franklin Regional Hospital (NH-Franklin) Franklin, New Hampshire	Portsmouth Regional Hospital (NH-Portsmouth) Portsmouth, New Hampshire
Catholic Medical Center (NH-Catholic) Manchester, New Hampshire	Frisbie Memorial Hospital (NH-Frisbie) Rochester, New Hampshire	Southern New Hampshire Medical Center (NH-Southern NH) Nashua, New Hampshire
Cheshire Medical Center (NH-Cheshire) Keene, New Hampshire	Huggins Hospital (NH-Huggins) Wolfeboro, New Hampshire	St. Joseph's Hospital (NH-St. Joseph's) Nashua, New Hampshire
Concord Hospital (NH-Concord) Concord, New Hampshire	Lakes Region General Hospital (NH-Lakes Region) Laconia, New Hampshire	Speare Memorial Hospital (NH-Speare) Plymouth, New Hampshire
Cottage Hospital (NH-Cottage) Woodsville, New Hampshire	Littleton Hospital (NH-Littleton) Littleton, New Hampshire	Upper Connecticut Valley Hospital (NH-Upper CT Val) Colebrook, New Hampshire
Dartmouth Hitchcock Medical Center (NH-Hitchcock) Lebanon, New Hampshire	Memorial Hospital (NH-Memorial) North Conway, New Hampshire	Valley Regional Hospital (NH-Valley Reg.) Claremont, New Hampshire
Dartmouth Hitchcock Psychiatric Unit*(NH-Hitch. Psych) Lebanon, New Hampshire	Monadnock Community Hospital (NH-Monadnock) Peterborough, New Hampshire	Weeks Medical Center Hospital (NH-Weeks) Lancaster, New Hampshire
Elliot Hospital (NH-Elliot) Manchester, New Hampshire	New London Hospital (NH-New London) New London, New Hampshire	Wentworth-Douglass Hospital (NH-Wntwth-Doug) Dover, New Hampshire

\* Records from the Dartmouth Hitchcock Psychiatric Unit are combined with the Dartmouth Hitchcock Medical Center beginning 2008.



## Massachusetts Hospitals Most Frequently Used by Vermont Residents

Baystate Medical Center  
(MA-Baystate)  
Springfield, Massachusetts

Berkshire Medical Center  
(MA-Berkshire)  
Pittsfield, Massachusetts

Beth Israel Deaconess Medical Center  
(MA-Beth Israel)  
Boston, Massachusetts

Brigham and Women's Hospital  
(MA-Brigham)  
Boston, Massachusetts

Children's Hospital Boston  
(MA-Children's)  
Boston, Massachusetts

Cooley Dickinson Hospital  
(MA-Cooley Dicki)  
Northampton, Massachusetts

Dana-Farber Cancer Institute  
(MA-Dana Farber)  
Boston, Massachusetts

Franklin Medical Center  
(MA-Franklin Med)  
Greenfield, Massachusetts

Hillcrest Hospital  
(MA-Hillcrest)  
Pittsfield, Massachusetts

Lahey Clinic Hospital  
(MA-Lahey)  
Burlington, Massachusetts

Massachusetts Eye and Ear Infirmary  
(MA-MA Eye & Ear)  
Boston, Massachusetts

Massachusetts General Hospital  
(MA-MA General)  
Boston, Massachusetts

New England Baptist Hospital  
(MA-N.E. Baptist)  
Boston, Massachusetts

Newton-Wellesley Hospital  
(MA-Newton Wells)  
Newton, Massachusetts

North Adams Regional Hospital  
(MA-North Adams)  
North Adams, Massachusetts

Northampton VA Medical Center  
(MA-Northampton)  
Northampton, Massachusetts

Tufts-New England Medical Center  
(MA-N.E. Med Ctr)  
Boston, Massachusetts

UMass Memorial Medical Center  
(MA-U Mass)  
Worcester, Massachusetts

VA Boston Healthcare—Boston  
Division  
(MA-Boston VA)  
Boston, Massachusetts

VA Boston Healthcare—Brockton  
Division  
(MA-Brockton VA)  
Brockton, Massachusetts

## New York Hospitals Most Frequently Used by Vermont Residents

Albany Medical Center Hospital  
(NY-Albany)  
Albany, New York

Champlain Valley Physicians Hospital Medical  
Center  
(NY-Champ Val)  
Plattsburgh, New York

Columbia Presbyterian Medical Center  
(NY-Presbyterian)  
New York, New York

Glens Falls Hospital  
(NY-Glens Falls)  
Glens Falls, New York

Leonard Hospital  
(NY-Leonard)  
Troy, New York

Mary McClellan Hospital  
(NY-McClellan)  
Cambridge, New York

Memorial Hospital for Cancer and Allied Disorders  
(NY-Hosp for CA)  
New York, New York

Moses-Ludington Hospital  
(NY-Moses-Luding)  
Ticonderoga, New York

New York United Hospital Medical Center  
(NY-United Med C.)  
Port Chester, New York

New York Weill Cornell Medical Center  
(NY-New York)  
New York, New York

Phelps Memorial Hospital Center  
(NY-Phelps)  
Sleepy Hollow, New York

Samaritan Hospital  
(NY-Samaritan)  
Troy, New York

St. Peters Hospital  
(NY-St Peters)  
Albany, New York

## Appendix L

### Public / Non-Public Data Elements and Availability of Data Elements in Datasets

Public use data for resident and non-resident discharges from Vermont hospitals are available online by calendar year.  
<http://www.healthvermont.gov/health-statistics-vital-records/health-care-systems-reporting/hospital-discharge-data>

Non-public data elements are available for research purposes only.

For additional information, contact:  
Vermont Department of Health  
Public Health Statistics  
280 State Drive  
Waterbury, VT 05671-8370

To request non-public data elements, contact:  
Analytical Team  
Green Mountain Care Board  
144 State Street  
Montpelier, VT 05620-1701  
[GMCB.DATA@vermont.gov](mailto:GMCB.DATA@vermont.gov)

(See next page for data elements)

## Vermont Hospital Discharge Data Elements

### Inpatient, Outpatient and Emergency Department Datasets

Attribute	Description	Public Use Data Element	Full Datasets		
			Inpatient Dataset	Outpatient Dataset	Emergency Dataset
Admission Date	--	N	Y	Y	Y
Admission Hour	--	N	Y	Y	Y
Admission Quarter	--	Y	Y	Y	Y
Admission Year	--	N	Y	Y	Y
Admission Source	Transfer, referral, newborn and court/law enforcement categories.	Y	Y	Y	Y
Admission Type	Emergency, urgent, elective, newborns, trauma.	Y	Y	Y	Y
Age	Single-year age at discharge.	N	Y	Y	Y
Age Groups	Under 1, 1-17, 18-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75 and over.	Y	Y	Y	Y
Attending physician	Hospital-specific code for attending physician at time of discharge.	N	Y	Y	Y
Bill Type	Bill type as designated by the hospital.	Y	Y	Y	Y
Birth Weight	Birth weight of newborns in grams (inpatient only).	N	Y	N	N
Charges	Total facility charges.	Y	Y	Y	Y
CCSR Single Level DiagnosisGroups	Principal diagnosis collapsed into more than 541 categories.	Y	Y	Y	Y

Attribute	Description	Public Use Data Element	Full Datasets		
			Inpatient Dataset	Outpatient Dataset	Emergency Department Dataset
CCSR High Level DiagnosisGroups	CCSR single level diagnosis groups collapsed into 21 high levelcategories.	Y	Y	Y	Y
CCSR Single Level Procedure Groups	Principal surgical procedure collapsed into more than 326 categories.	Y	Y	N	N
CCSR High Level Procedure Groups	CCSR single level inpatient surgical procedure groups collapsed into 31high level categories	Y	Y	N	N
CCS Single Level Procedure Groups	Principal procedure collapsed into 231 categories.	Y	N	Y	N
CCS High Level Procedure Groups	CCS single level procedure groups collapsed into 17 high level categories.	Y	N	Y	N
County-Town Code	Patient county and town of residence with first two digits representing the county and the second two digits the town.	N	Y	Y	Y
Critical Access Hospital	Coded for VT hospitals only	Y	Y	Y	Y
Date of Birth	--	N	Y	Y	Y
Diagnosis at Admission	ICD-9-CM or ICD-10-CM diagnosis code.	Y	Y	Y	Y
Diagnosis Related Group (DRG)	Medicare classification system that groups inpatient discharges into more than 700 categories based on diagnosis, type of treatment, age and other relevant criteria.	Y	Y	N	N
Discharge Date	--	N	Y	Y	Y
Discharge Quarter	--	Y	Y	Y	Y
Discharge Year	--	Y	Y	Y	Y

Discharge Status	Categories indicating destination and type of services required at time of discharge, left against medical advice, or death.	Y	Y	Y	Y
Ecode1 – Ecode3	Code for external causes of injury and poisoning; primary Ecode and two secondary Ecodes appear in these fields, and additional secondary Ecodes may be entered as secondary diagnoses.	Y	Y	Y	Y

Attribute	Description	Public Use Data Element	Full Datasets		
			Inpatient Dataset	Outpatient Dataset	Emergency Department Dataset
Emergency Department Flag	Set to 1 if record has an associated revenue code of 45x, Emergency Room.	Y	Y	Y	Y
Groupers	Groupers version used to assign DRG and MDC.	Y	Y	N	N
Hospital	--	Y	Y	Y	Y
Hospital Service Area	Defined by the geographically distinct population of Vermont residents who are highly dependent on a hospital or group of hospitals.	Y	Y	Y	Y
Major Diagnostic Category (MDC)	An aggregation of inpatient DRGs (see definition of DRGs above) into 25 groups that define major body systems.	Y	Y	N	N
Observation Bed Flag	Set to 1 if record has an associated revenue code of 760 or 762, Observation Bed.	Y	Y	Y	Y
Other Physician 1 & 2	Hospital-specific code for other physicians performing procedures.	N	Y	Y	Y
Patient Days	Length of stay.	Y	Y	Y	Y
Primary Payer	The anticipated principal source of payment for the patient's hospital bill as coded by the hospital.	Y	Y	Y	Y
Principal and Secondary Procedure Dates	Date of procedure.	N	Y	Y	Y
Principal Diagnosis and Up to 19 Secondary Diagnoses	ICD-9-CM (prior to 10/1/2015) or ICD-10-CM diagnosis code.	Y	Y	Y	Y
Principal Procedure and Up to 19 Secondary Procedures	ICD-9-CM or ICD-10-PCS procedure code (all inpatients, and outpatients prior to 7/1/2014).	Y	Y	Y	Y

Attribute	Description	Public Use Data Element	Full Datasets		
			Inpatient Dataset	Outpatient Dataset	Emergency Department Dataset
Race	--	N	Y	Y	Y
Readmission indicator	Any patient readmitted to the same hospital within 30 days.	N	Y	N	N
Same Day Flag	Admission and discharge were on the same day: not an overnight stay.	Y	Y	Y	N
Sex	--	Y	Y	Y	Y
Special Care Unit Days	Number of days spent in a special care unit: Inpatient only.	Y	Y	N	N
ZIP Code	5-digit ZIP code.	N	Y	Y	Y
ZIP Code Groups	3-digit ZIP for most of Vermont; combined 058 and 059 area; 5-digit ZIP for areas with population over 10,000 in Vermont and combined zips in other states.	Y	Y	Y	Y
Zip Town Code	Groups of towns that share ZIP code(s)	N	Y	Y	Y
Unique ID	Unique number assigned to an event to link the event to its associated revenue records.	Y	Y	Y	Y



## Revenue Dataset

Field	Description	Public Use Files	Revenue Files
Bill Type	Bill type as designated by the hospital.	Y	Y
CCS HCPCS/CPT Single Level Group	HCPCS/CPT code on this record collapsed into 231 categories.	Y	Y
CCS HCPCS/CPT High Level Group	CCS HCPCS/CPT code on this record single level group collapsed into 17 high level categories.	Y	Y
Discharge Date	--	N	Y
Discharge Quarter	--	Y	Y
Discharge Year	--	Y	Y
ERFLAG	Set to 1 if record has revenue code of 45x, Emergency Room.	N	Y
HCPCS/CPT	HCPCS/CPT code on this revenue record.	Y	Y
HCPCS Modifier 1	Modifier 1 for this revenue record's HCPCS/CPT code.	N	Y
HCPCS Modifier 2	Modifier 2 for this revenue record's HCPCS/CPT code.	N	Y
HCPCS Modifier 3	Modifier 3 for this revenue record's HCPCS/CPT code.	N	Y
HCPCS Modifier 4	Modifier 4 for this revenue record's HCPCS/CPT code.	N	Y
HCPCS Modifier 5	Modifier 5 for this revenue record's HCPCS/CPT code.	N	Y
Hospital	--	Y	Y
OBSFLAG	Set to 1 if record has revenue code of 760, Observation Bed.	N	Y
PCCR	Primary Cost Center for this record's revenue code.	Y	Y
Primary CPT Flag	Flag to indicate that this record's HCPCS/CPT code is the event's primary CPT (as of 7/1/2014).	Y	Y

Revenue Charge	Charge for this record's revenue code.	Y	Y
Revenue Code	This record's revenue code.	Y	Y
Revenue Date	The date for this record's revenue code.	N	Y
Revenue Units	Number of revenue units for this record's revenue code.	Y	Y
RVU value	Relative Value Units assigned to this record's HCPCS/CPT code, used to calculate the event's primary HCPCS/CPT.	N	Y
Unique ID	Unique number assigned to an event to link the event to its associated revenue records.	Y	Y