

2020 Vermont Hospitals Report

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This report was produced in cooperation with the Vermont Department of Health, Division of Health Surveillance

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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 2020 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 2020 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.

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 do not participate in this data collection effort.

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 Collection in Vermont

Inpatient discharge data have been the core of the Vermont hospital utilization reports since 1975. These data have been helpful in hospital planning and have 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).

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 The CCSR for ICD-10-CM aggregates more than 70,000 ICD-10-CM diagnosis codes into 541 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 326 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 visit.

The 2020 Vermont Hospital Report and all data presented in this report, discharge years 2016-2020, are matched up to the CCSR groupers, unless the title of the report references the CCS PROC grouper for comparisons across settings. Vermont Hospital Reports published on the VDH website prior to the 2020 report are based on the CCS groupers. Because of the differences between the CCS and CCSR groupers, 2016-2019 data reported in prior reports will have different totals.

Highlights

Highlights of Charges and In-migration to Vermont Hospitals

Total Charges and Number of Discharges

As a result of the COVID-19 pandemic Vermont hospitals in 2020 experienced decreases in discharges and charges in all settings for the first time in over a decade.

- **Total charges for Vermont resident inpatient discharges from Vermont hospitals** decreased by 6.7% from 2019 to 2020. Charges for non-resident inpatient discharges also decreased by 4.9%. The number of inpatient discharges for Vermont residents in 2020 decreased by 13.8% from 2019, and the number of non-resident inpatient discharges decreased by 14% from 2019.
- **Total charges for Vermont residents with ED visits to Vermont hospitals** decreased by 6.0% from 2019 to 2020, a smaller decrease than that for non-residents (15.8%). Total charges have fluctuated in recent years, with the smallest increases occurring from 2016 to 2017 (2.5% and 3.6% respectively), and the largest from 2013 to 2014 (10.8% and 10.9% respectively). The number of ED visits for both Vermont residents and non-residents has decreased from 2019 to 2020 (20.1% and 24.5% respectively).
- **Total charges for Vermont residents with outpatient procedures in CCS high-level procedure groups 1 through 15 at Vermont hospitals** decreased 4.3% from 2019 to 2020 compared to the decrease of 11.4% in total charges for non-residents. The number of outpatient procedures for Vermont residents and non-residents also decreased from 2019 to 2020 (13.4% and 17.6% respectively).

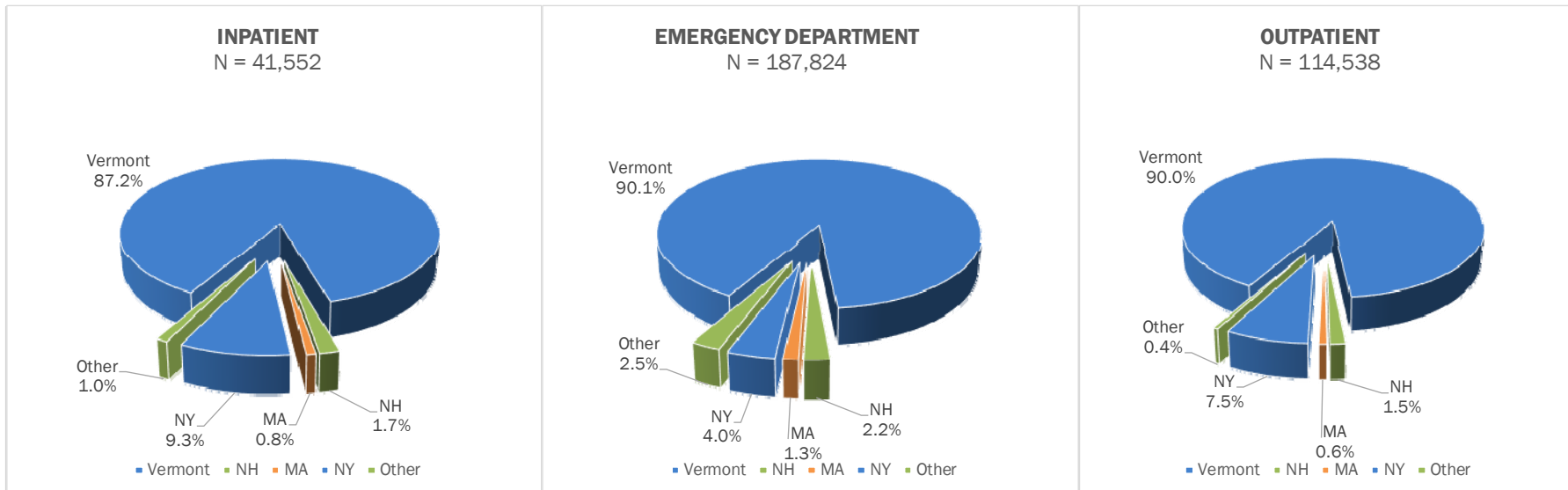
In-migration

- Most in-migration to Vermont hospitals in 2020 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 (4.0% of ED visits, compared to 9.3% of inpatient discharges and 7.5% of outpatient procedures in range).
- In 2020, New York residents accounted for a higher percent of total charges than of total discharges in all three settings (4.5% of ED charges, 14.2% of inpatient charges and 8.4% of outpatient charges), as in recent years.

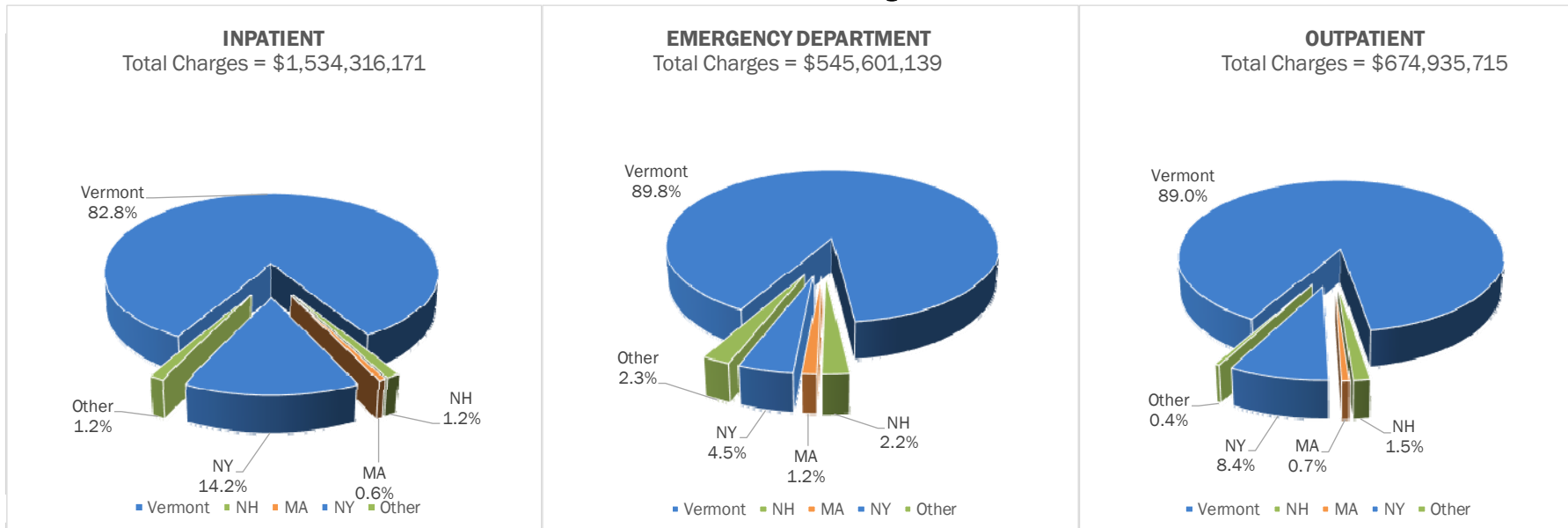
Note: Reporting is limited to Vermont hospitals until the 2020 data are available for Vermont residents served in New Hampshire, Massachusetts, and New York hospitals. The timeliness of the annual data exchange between Vermont and New Hampshire has been seriously impacted by major changes in New Hampshire's 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.

2020 Vermont Hospitals Summary of Patients' State of Residence by Hospital Setting

Percent of Total Discharges

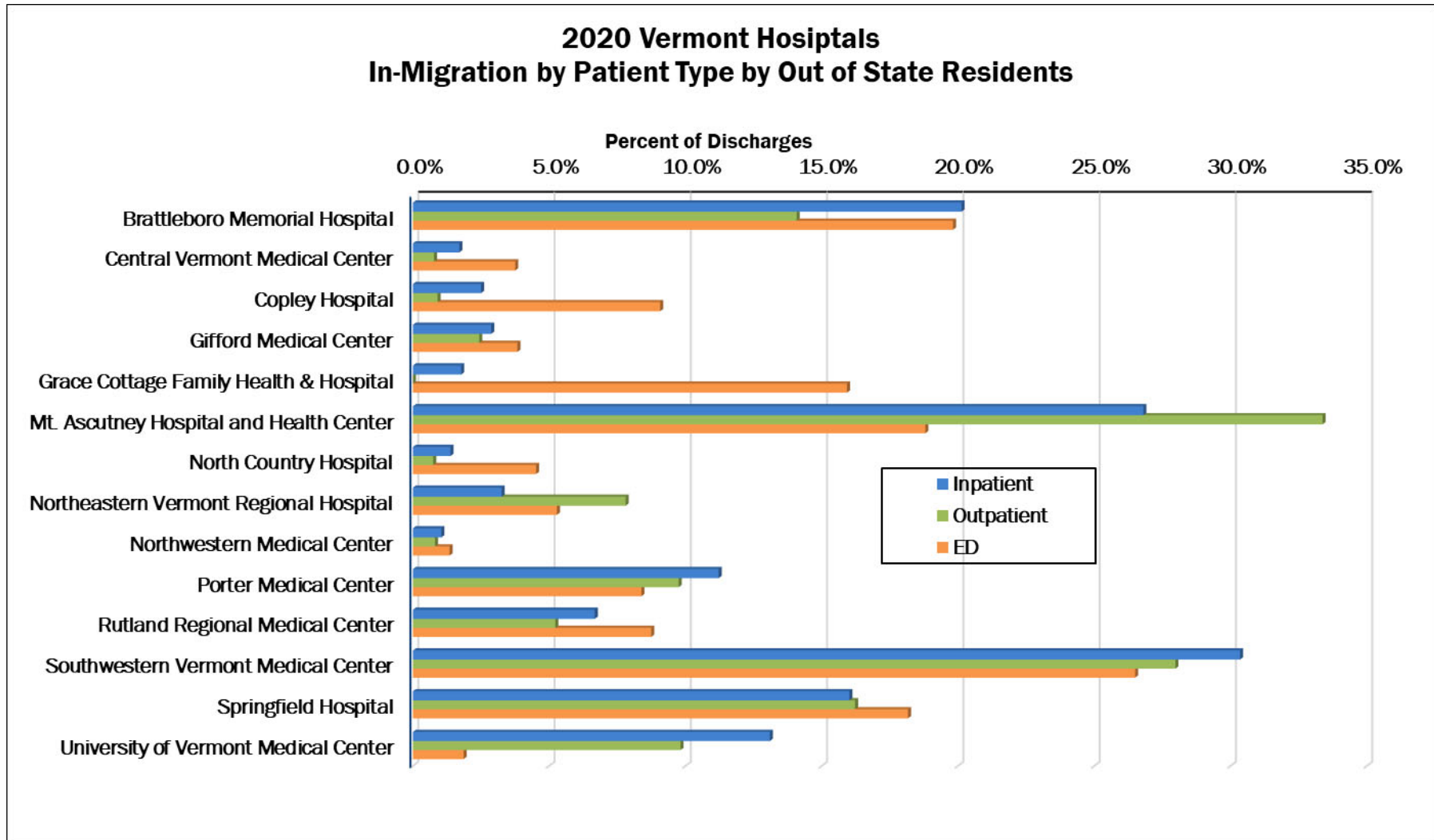


Percent of Total Charges



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

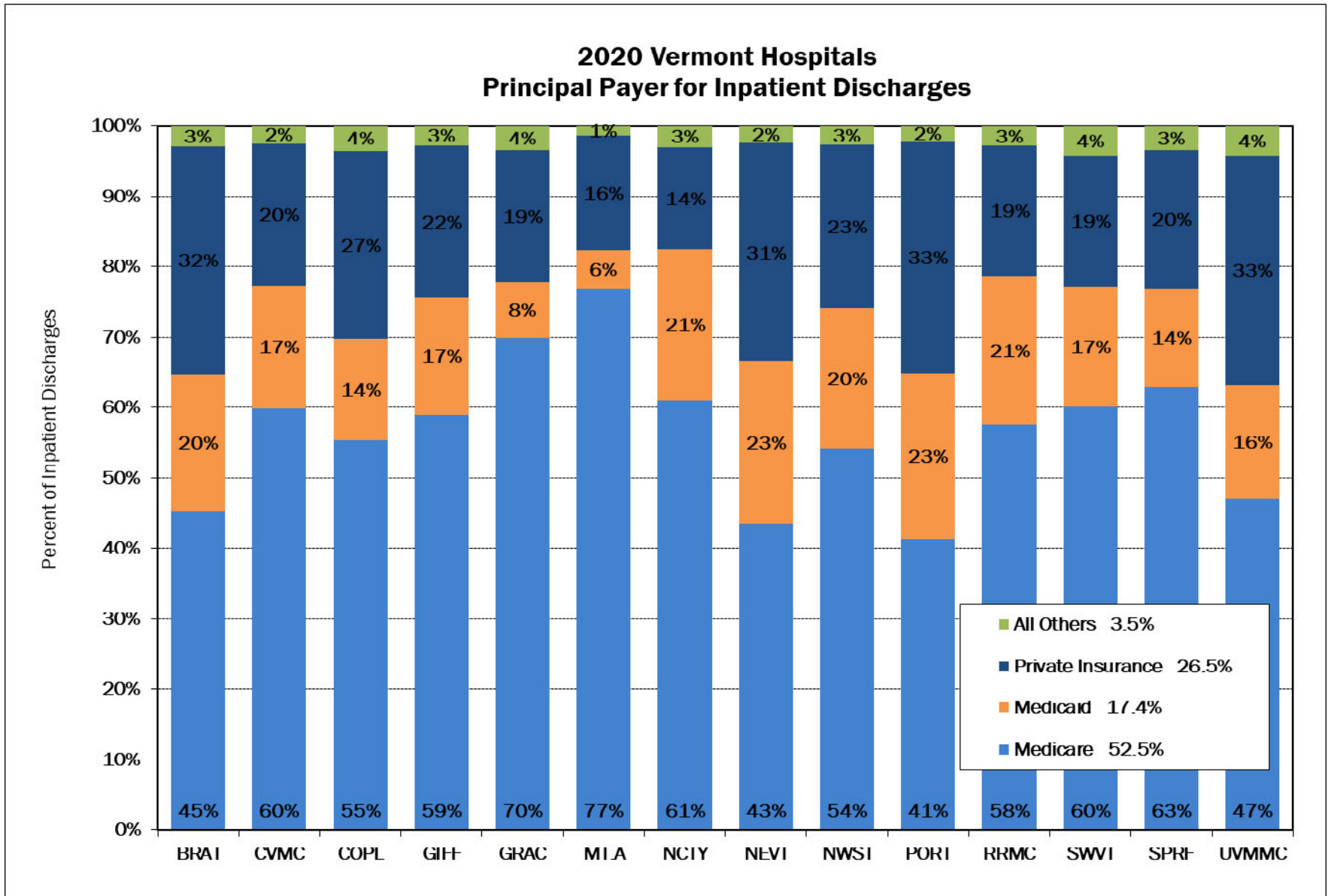
- In 2020, the number of out of state encounters and visits to Vermont hospitals varied by patient type, with Southwestern Vermont Medical Center, Mt. Ascutney Hospital and Health Center, and Brattleboro Memorial Hospital reported inpatient migration at 20% or greater, (30.3%, 26.8%, and 20.1% respectively). ED visits from out of state resident at Southwestern Vermont Medical Center were reported at 26.5% followed by Brattleboro Memorial Hospital with 19.8% and Mt. Ascutney Hospital and Health Center with 18.8%. Outpatient discharges saw the greatest percent of out of state encounters with Mt. Ascutney Hospital and Health Center having 33.4%, followed by Southwestern Vermont Medical Center at 28.0% and Springfield Hospital with 16.2%.



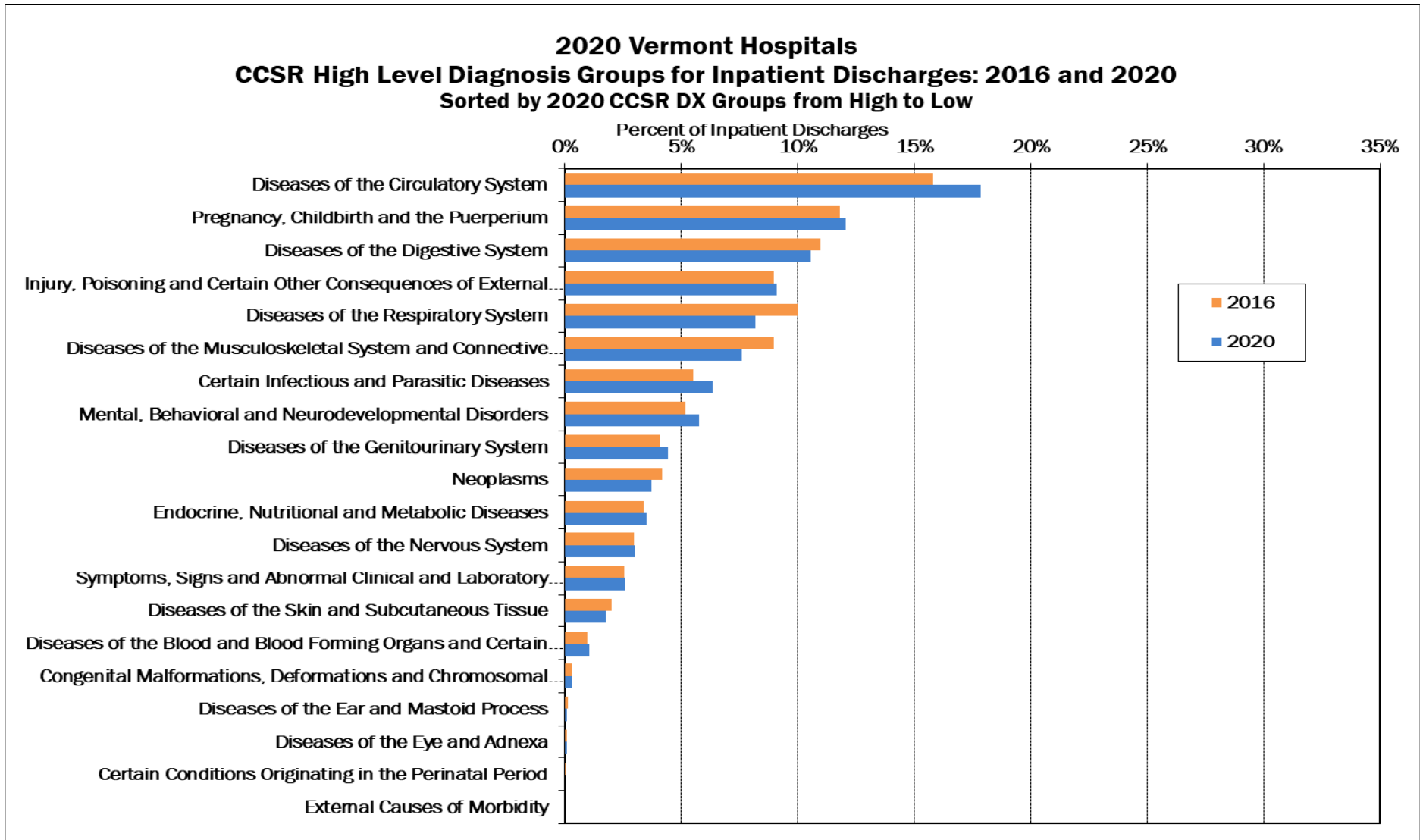
Highlights of Inpatient Discharges from Vermont Hospitals

- **In 2020, there were 41,552 inpatient discharges from Vermont hospitals**, including maternal records but excluding newborns. Of these, 87.2% were Vermont residents, and 12.8% were residents of New Hampshire, Massachusetts, New York or elsewhere.
- **The number of inpatient discharges from Vermont hospitals has decreased** 13.2% from 2016, and decreased 13.9% from 2019, including both Vermont residents and non-residents. The average length of stay for these discharges increased slightly, from 4.7 days per discharge in 2016 to 5.1 in 2019, and to 5.3 in 2020.
- **Similar to findings in recent years**, more than half of the total inpatient discharges from Vermont hospitals in 2020 originated in the Emergency Department (64.5%).
- **The University of Vermont Medical Center** continued to have the highest number of inpatient discharges at 18,661 in 2020 (44.9% of all inpatient discharges, compared to 43.6% in 1999 and 40.5% in 2016). Rutland followed with 5,623 discharges (13.5%) in 2020. Grace Cottage Family Health & Hospital and Mt. Ascutney Hospital and Health Center had the lowest total numbers of inpatient discharges in 2020 (113 and 918 respectively).
- **The University of Vermont Medical Center** continued to have the highest total number of patient days at 122,444 in 2020 (55.1% of 222,288 patient days), followed by Rutland Regional Medical Center with 29,876 (13.4%). Grace Cottage Family Health & Hospital had the lowest total number of patient days (696).
- **In 2020, average length of stay in Vermont hospitals varied** from 2.7 days per discharge at Copley Hospital to 6.6 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 2020 was 9.4. 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.

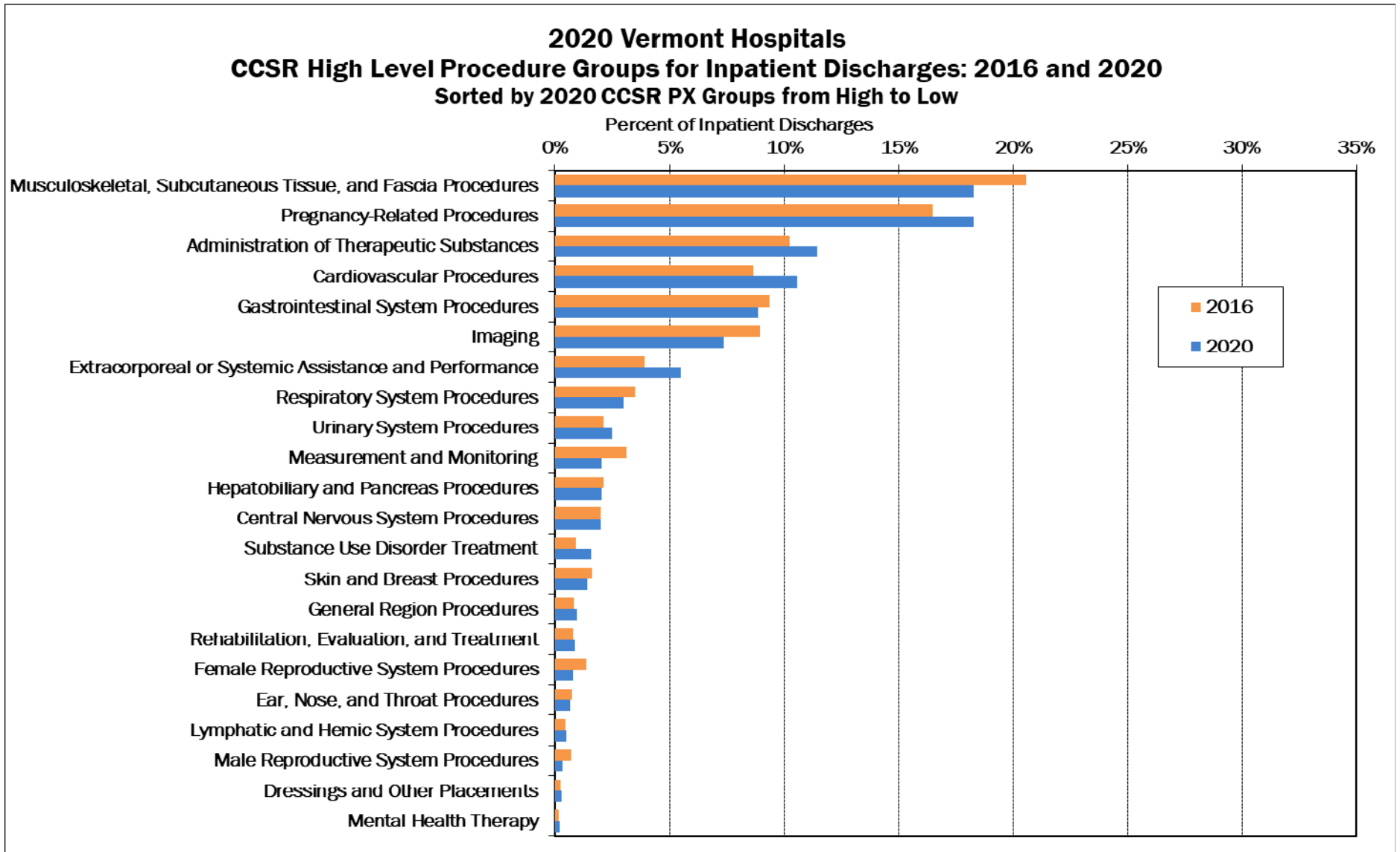
- In 2020, Medicare continued to be the leading principal payer for inpatient discharges from Vermont hospitals at 52.5% of total discharges, followed by private insurance at 26.5% and Medicaid at 17.4%. These figures are comparable to those in recent years. As in previous years, there was wide variation among hospitals in payer mix.



- **The most frequent reasons for hospitalization in 2020** were Diseases of the Circulatory System; Pregnancy, Childbirth, and the Puerperium; Diseases of the Digestive System; Injury, Poisoning and Certain Other Consequences of External Causes; and Diseases of the Respiratory system. This is consistent with recent years. Of note are the continued decreases in percent of hospitalizations with diagnoses for Diseases of the Respiratory System, and Disease of the Musculoskeletal System, and the increases in the percent of diagnoses Diseases of the Circulatory System, Certain Infectious and Parasitic Diseases, and Mental, Behavioral and Neurodevelopmental Disorders.

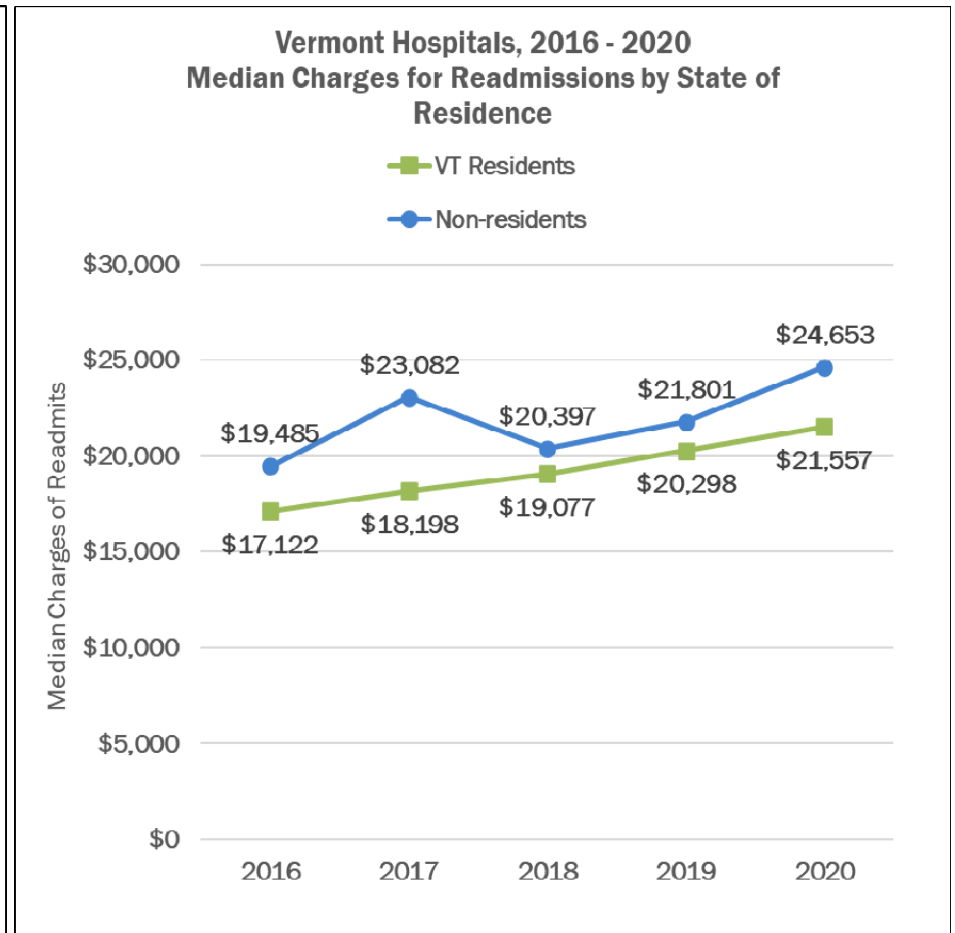
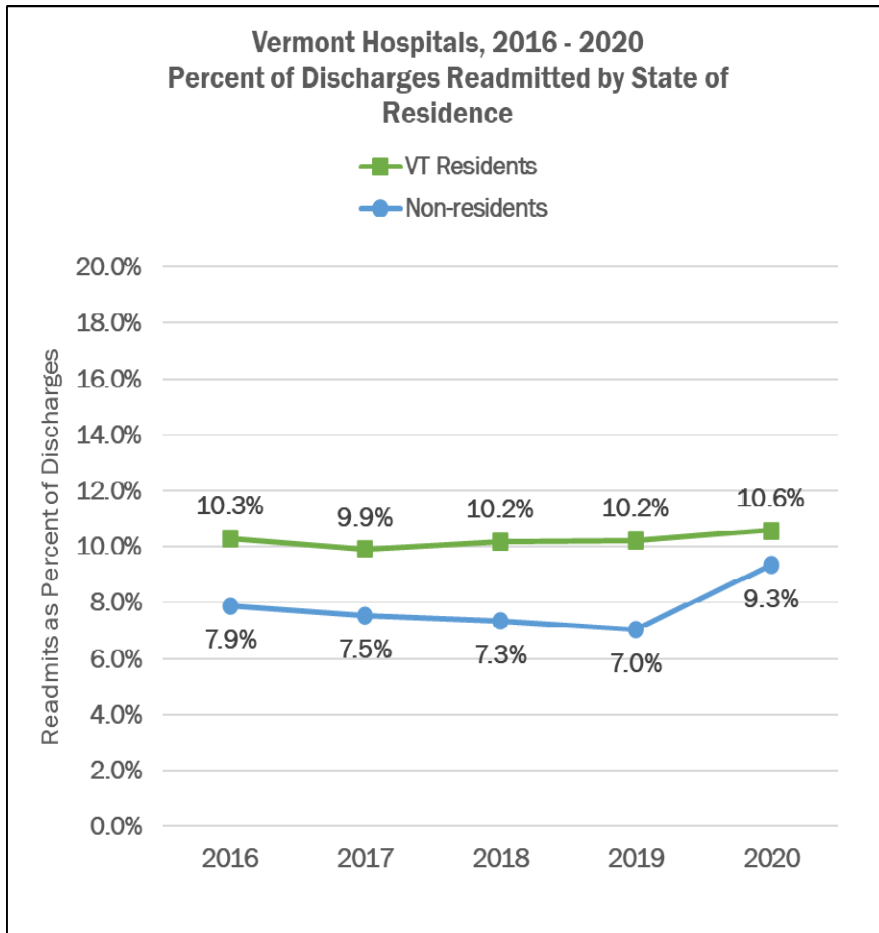


- The most frequent inpatient procedures during hospitalization in 2020 were Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures, as well as Pregnancy-Related Procedures, followed by Administration of Therapeutic Substances, and Cardiovascular Procedures. During the five years span the largest increases were seen in Cardiovascular Procedures, followed by Pregnancy-Related Procedures. 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 2016 through 2020. In contrast, out-of-state residents have higher median charges than Vermont residents when readmitted to Vermont hospitals.

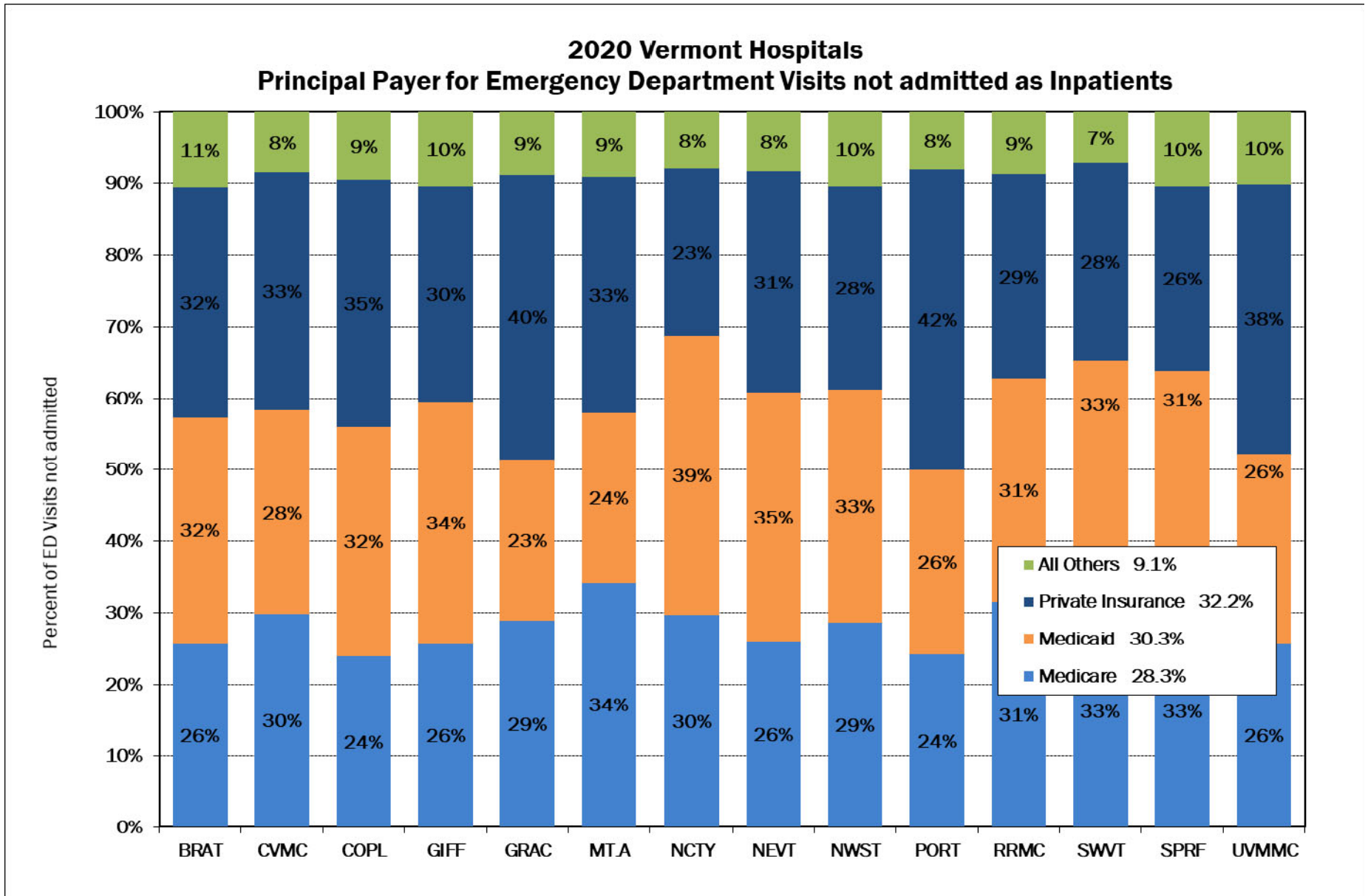
Note: ‘Readmission’ is defined in this report as readmitted to the same hospital for any reason within 30 days of discharge, excluding readmission on the same day as discharge.



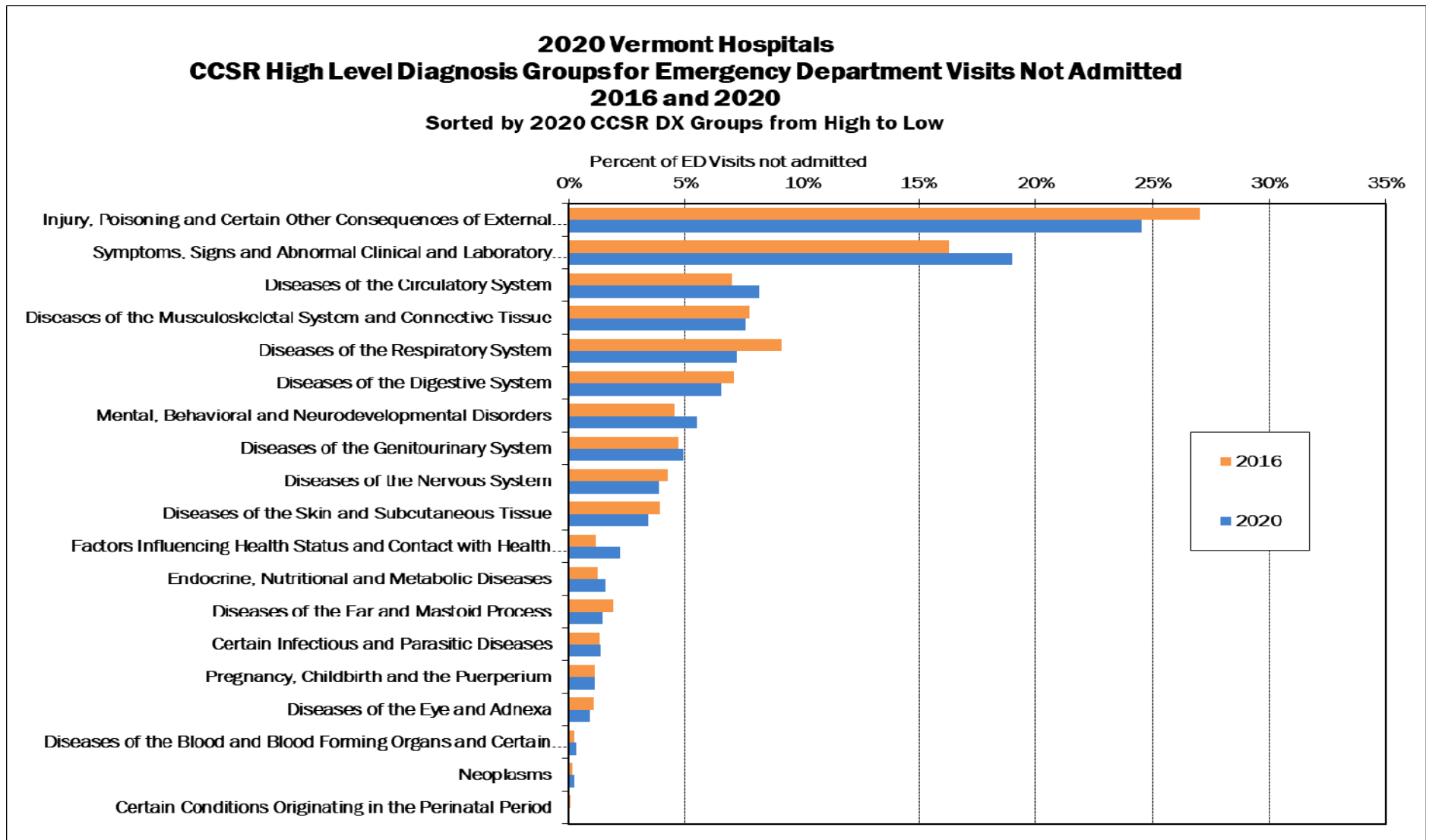
Highlights of Visits to Vermont Hospital Emergency Departments

- **In 2020, there were a total of 214,605 visits to Vermont hospital Emergency Departments**, including both Vermont residents and non-residents, a 19.6 decrease from 2019. Similar to recent years, 87.5% (187,824) of these ED visits were not admitted, while the remaining 12.5% (26,781) of ED visits were admitted and categorized as inpatient discharges.
- **Overall, the number of ED visits decreased** from 2016 to 2020 by 19.2% (-20.5% for ED visits not admitted, and -8.5% for those admitted as inpatients).
- **In 2020, as in previous years, the percent of ED visits that were admitted as inpatients increased with increasing age.** Just 2.5% of ED visits by children under age 15 were admitted, as were 4.9% of visits by individuals aged 15-44, 13.3% of those aged 45-64, 19.5% of those aged 65-69, 22.6% of those aged 70-74, 25.2% of those aged 75-79, and 31.7% of those aged 80 and older.
- **The University of Vermont Medical Center** continued to have the highest percent of visits to the ED in 2020, leading all Vermont hospitals with 22.7% of all ED visits. Of all ED visits to The University of Vermont Medical Center, 21.0% were admitted as inpatients, a 2.2% increase from the previous year's percentage.
- **The percent of ED visits that were admitted in 2020 ranged** from highs of 21.0% at The University of Vermont Medical Center, 17.3% at Rutland Regional Medical Center, and 14.2% at Central Vermont Medical Center, to a low of 3.5% at Grace Cottage Hospital and 3.7% Porter Medical Center.
- **Of all ED visits, those with a primary diagnosis of Neoplasms were the most likely to be admitted (62.9%),** followed by those with Certain Infectious and Parasitic Diseases (48.4%), those with Congenital Malformations, Deformations and Chromosomal Abnormalities (41.2%), and those with Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism (38.7%). Least likely to be admitted were ED visits for Certain Conditions Originating in the Perinatal Period, as well as External Causes of Morbidity (0.0%) and for Diseases of the Ear and Mastoid Process (1.4%).

- In 2020, Private Insurance was the leading principal payer for ED visits not admitted at 32.2% of these visits, followed by Medicaid at 30.3% and Medicare at 28.3%. These figures are comparable to those in recent years. As in previous years, there was wide variation among hospitals in payer mix.



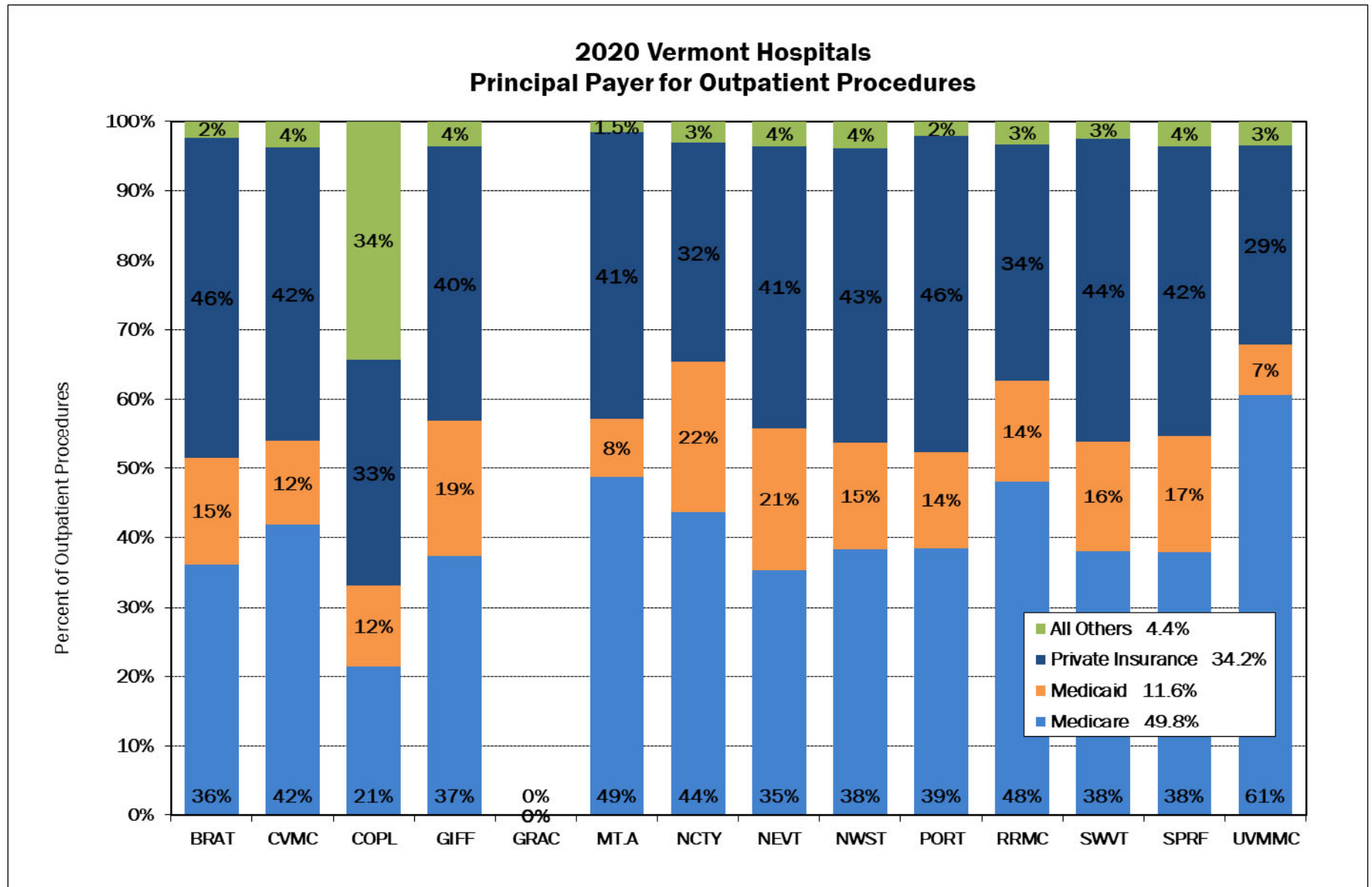
- **The most frequent reasons for ED visits not admitted in 2020** were Injury, Poisoning and Certain Other Consequences of External Causes; Symptoms, Signs and Abnormal Clinical and Laboratory Findings; Diseases of the Circulatory System; and Diseases of Musculoskeletal System and Connective Tissue. 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 the increases over 5 years in Symptoms, Signs and Abnormal Clinical and Laboratory Findings; Diseases of the Circulatory System; and Mental, Behavioral and Neurodevelopmental Disorders.



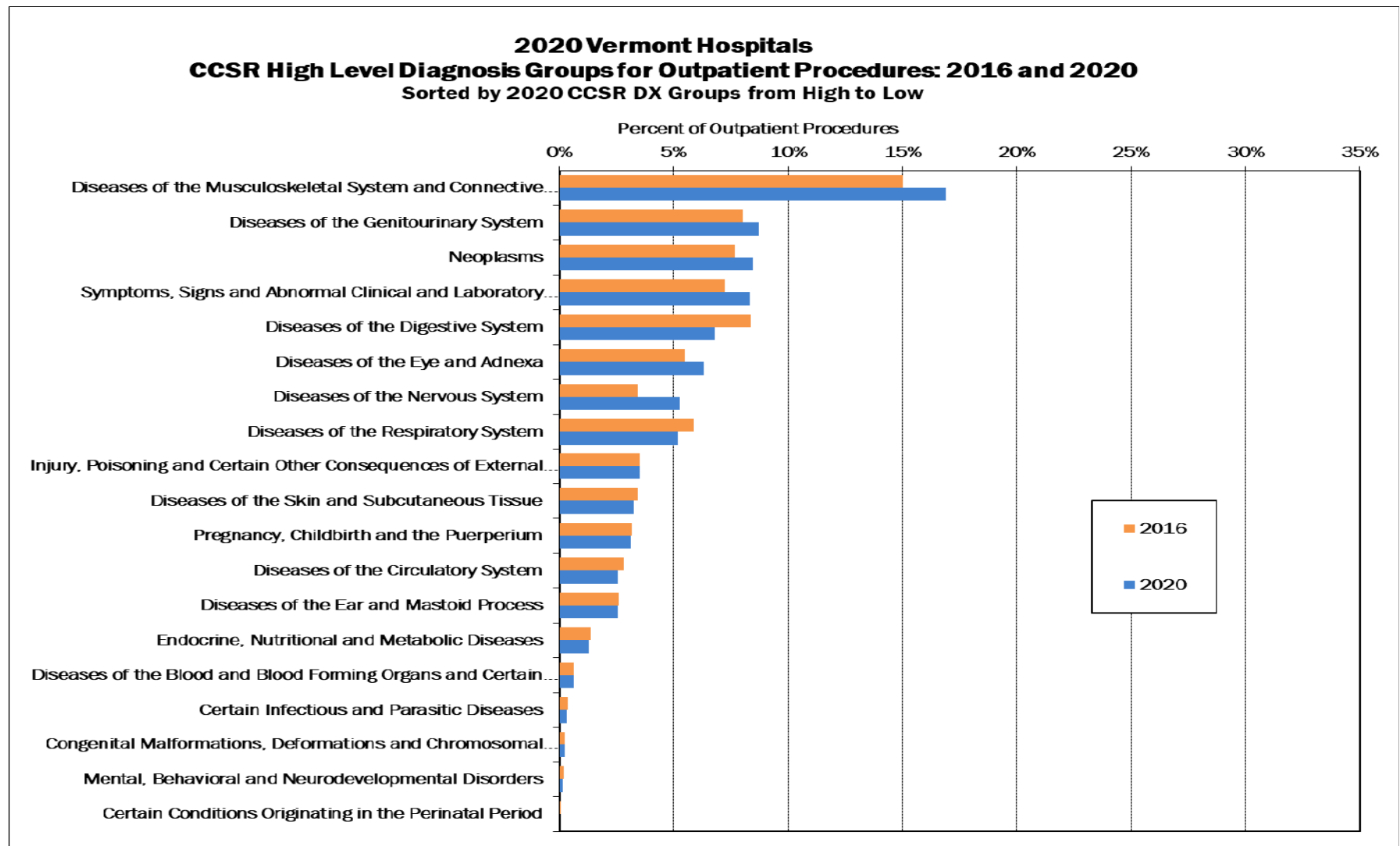
Highlights of Outpatient Procedures and Services in Vermont Hospitals

- **In 2020, there were 114,538 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 zero visits for outpatient procedures in this range of CCS procedure groups.
- **The number of outpatient procedures in Vermont hospitals decreased** by 15.9% from 2019. This follows a decrease of 0.7% from 2017 to 2018 and a decrease of 1.3% from 2016 to 2017. There has been a 13.7% decrease in outpatient procedures in Vermont hospitals over the past five years (2016-2020).
- **Overall, non-residents accounted for 10.0% of all visits to Vermont hospitals for outpatient procedures** in 2020. As in previous years, there was wide variation in the percent of non-residents at Vermont hospitals, with non-residents comprising 33.4% of Mt. Ascutney Hospital and Health Center's outpatient visits and 28.0% of Southwestern Vermont Medical Center's outpatient visits, compared to 1% or less of outpatient visits to Copley Hospital, Central Vermont Medical Center, North Country Hospital and Northwestern Medical center.
- **Medicare was the primary payer** for 50.8% of all visits to Vermont hospitals for outpatient procedures in 2020. University of Vermont Medical Center reported 60.6 % of outpatient visits with Medicare as the primary payer, while Copley Hospital reported the lowest percent with 21.5%. Consistent with recent years, there was substantial variation by CCSR diagnosis group, with Certain infectious and parasitic diseases (83.8%), Diseases of the skin and subcutaneous tissue (81.8%), Diseases of the eye and adnexa (81.6%) and Endocrine, nutritional and metabolic diseases (68.8%) having the highest percent of visits with Medicare as the primary payer.
- **North Country Hospital, Gifford Medical Center, and Northeastern Vermont Regional Hospital reported the highest percent of outpatient procedures with Medicaid as primary payer** (22.9%, 21.8%, and 20.6% respectively), while University of Vermont Medical Center, Mt. Ascutney Hospital and Health Center, and Copley Hospital reported the lowest percent with Medicaid as primary payer (7.4%, 8.4%, and 11.6% respectively).
- **The services most frequently provided in expanded outpatient visits** in 2020 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 Radiology-Diagnostic, Drugs Charged to Patients, Mammography, Ultrasound, CT Scan, and Physical Therapy.
- **The average charge for observation beds in Vermont hospitals** was the highest average charge in recent years, and 33.4% higher in 2020 than in 2016. The number of these beds continues to decrease over time as the average charge has increased. The University of Vermont Medical Center had 31.4% of all observation beds in 2020, followed by Rutland Regional Medical Center (10.6%).

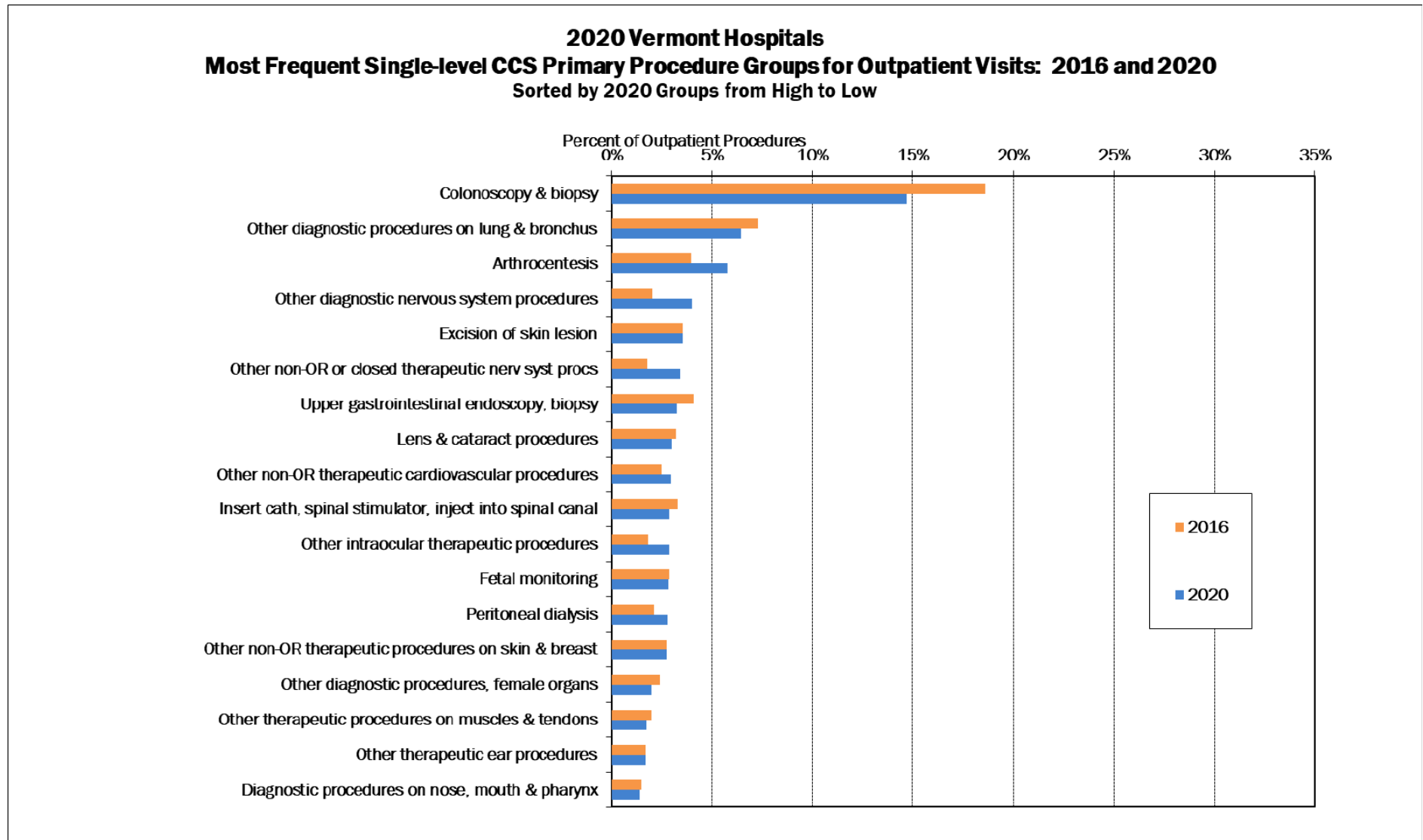
- In 2020, Medicare was the leading principal payer for 49.8% of outpatient procedures in range, followed by Private Insurance at 34.2% and Medicaid at 11.6%. These figures are comparable to those in recent years. As in previous years, there was wide variation among hospitals in payer mix. (Grace Cottage Family Health & Hospital had zero outpatient procedure.)



- **The most frequent reasons for outpatient procedures in range** in 2020 were Diseases of the Musculoskeletal System and Connective Tissue; Diseases of the Genitourinary System; Neoplasms; Symptoms, Signs and Abnormal Clinical and Laboratory Findings; and Diseases of the Digestive System. The most frequent reasons in 2020 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 Musculoskeletal System and Connective Tissue; and decreases in the percent of outpatients diagnosed with Diseases of the Digestive System, compared to 2016.

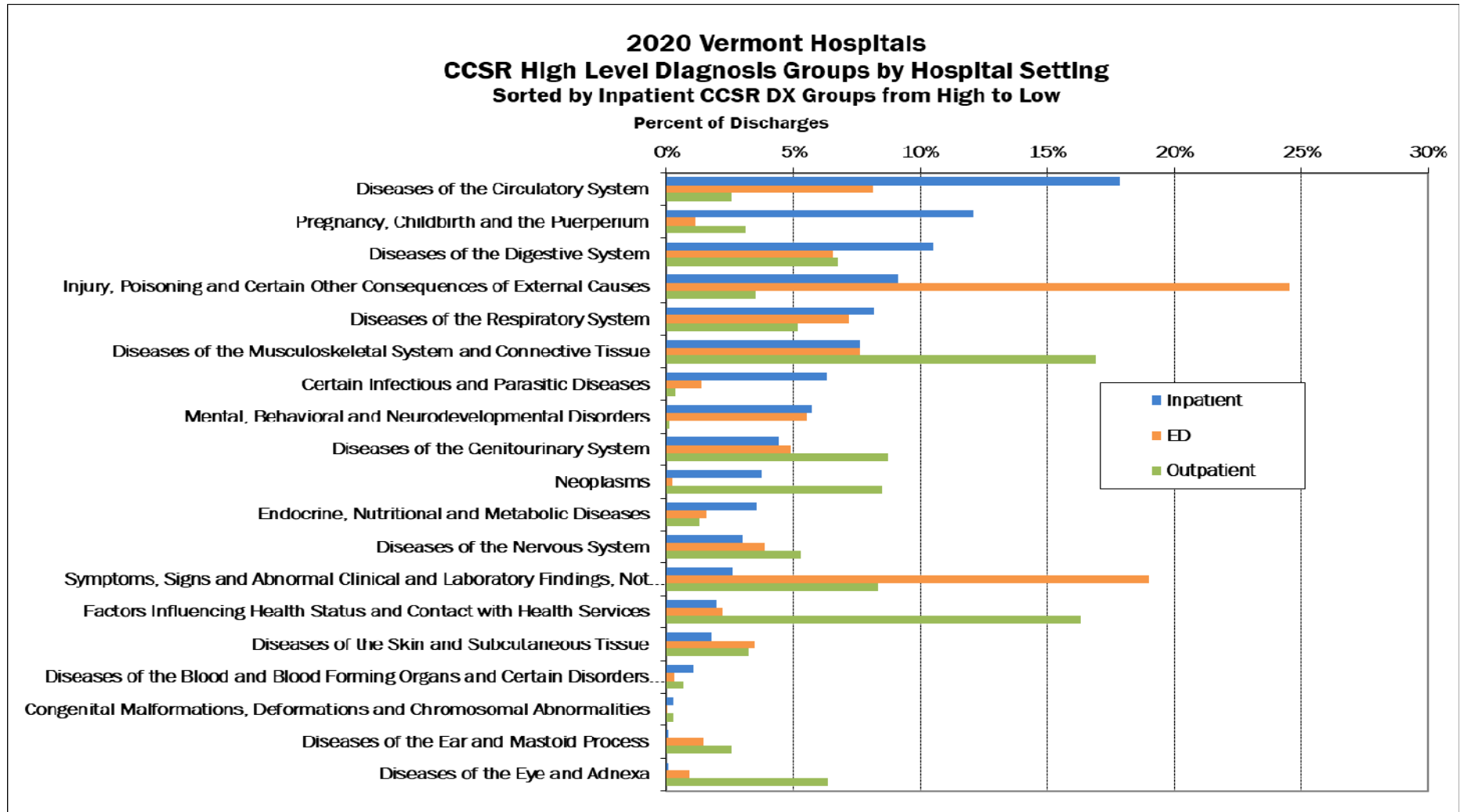


- The leading single-level group of outpatient procedures in high-level CCS procedure groups 1 through 15 in both 2016 and 2020 was Colonoscopy & biopsy. Following this procedure group in 2020 were Other diagnostic procedures on lung & bronchus, and Arthrocentesis. Of note are decreases in the percent of procedures for Colonoscopy & biopsy; Upper gastrointestinal endoscopy, biopsy; and Other diagnostic procedures on lung & bronchus.

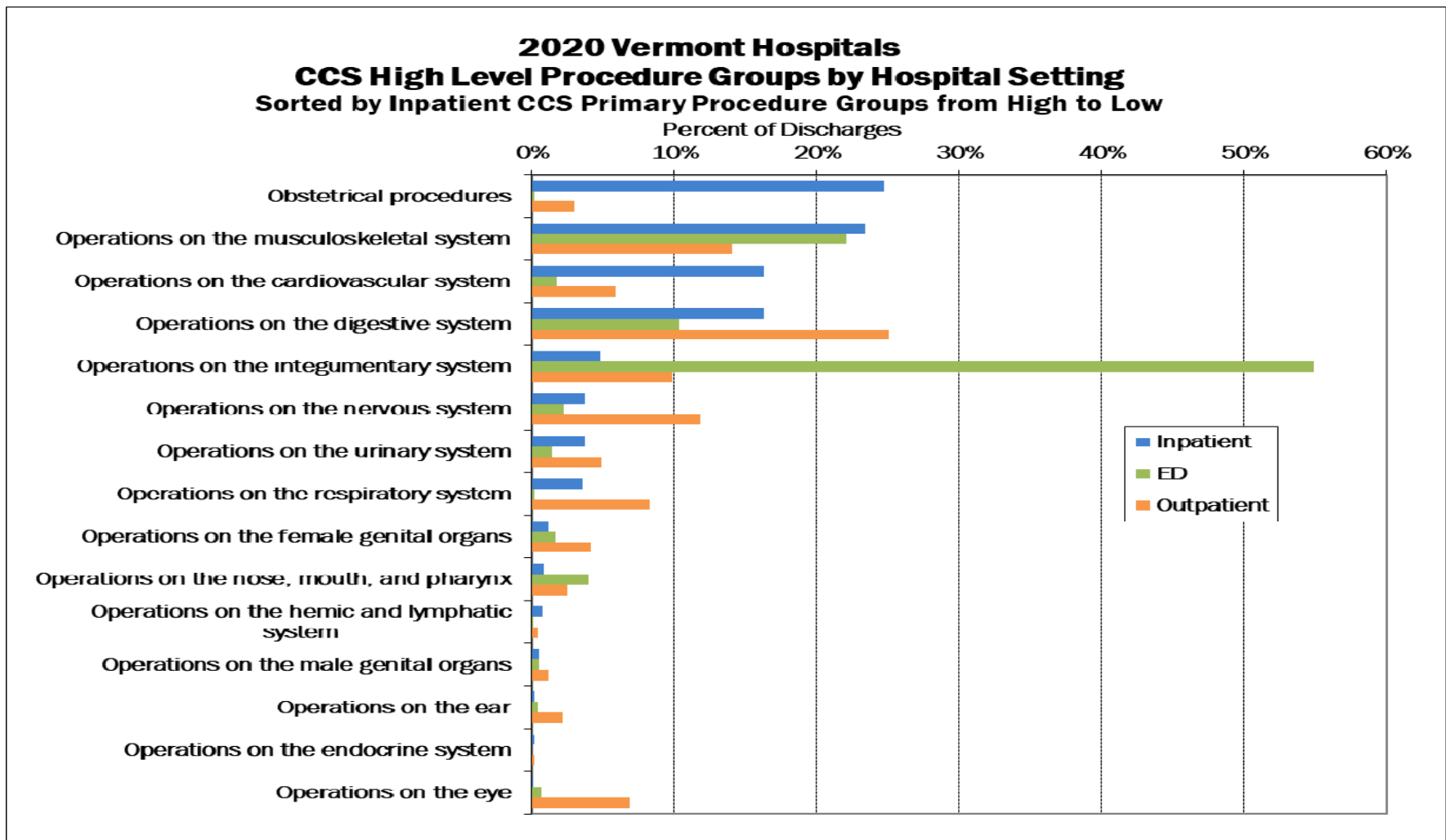


Highlights of Comparisons across Vermont Hospital Settings

- The most frequent CCSR high level diagnosis groups differed across Vermont hospital settings in 2020. 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, Diseases of the Musculoskeletal System and Connective Tissue.



- The most frequent CCS high level procedure groups in range 1 through 15 differed across hospital settings in 2020. The most frequent procedure group for inpatients was Obstetrical procedures, followed by Operations on the musculoskeletal system. The most frequent procedure group for ED visits was Operations on the integumentary system, followed by Operations on the musculoskeletal system. The most frequent outpatient group was Operations on the digestive system, followed by Operations on the musculoskeletal system. The frequencies of these CCS high level procedure groups across settings have been consistent in recent years.



Inpatient Discharges

Table I-1
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Vermont Hospitals by Setting

Vermont Hospital	Inpatient Discharges NOT Originating in ED		Inpatient Discharges Originating in ED		All Inpatient Discharges	
	N	Row %	N	Row %	N	Col %
Brattleboro Memorial Hospital	509	35.1%	942	64.9%	1,451	3.5%
Central Vermont Medical Center	496	14.7%	2,878	85.3%	3,374	8.1%
Copley Hospital	717	47.3%	800	52.7%	1,517	3.7%
Gifford Medical Center	425	37.0%	723	63.0%	1,148	2.8%
Grace Cottage Family Health & Hospital	23	20.4%	90	79.6%	113	0.3%
Mt. Ascutney Hospital and Health Center	640	69.7%	278	30.3%	918	2.2%
North Country Hospital	346	29.3%	836	70.7%	1,182	2.8%
Northeastern Vermont Regional Hospital	322	31.5%	700	68.5%	1,022	2.5%
Northwestern Medical Center	537	29.1%	1,311	70.9%	1,848	4.4%
Porter Medical Center	416	43.8%	533	56.2%	949	2.3%
Rutland Regional Medical Center	1,182	21.0%	4,441	79.0%	5,623	13.5%
Southwestern Vermont Medical Center	603	21.5%	2,200	78.5%	2,803	6.7%
Springfield Hospital	126	13.4%	817	86.6%	943	2.3%
University of Vermont Medical Center	8,429	45.2%	10,232	54.8%	18,661	44.9%
Total	14,771	35.5%	26,781	64.5%	41,552	100.0%

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

Table I-2
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Summary Statistics for Vermont Hospitals: 5 Year Comparison 2016-2020

<u>Vermont Hospital</u>	Discharges					Patient Days					Average Length of Stay				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Brattleboro Memorial Hospital	1,597	1,771	1,697	1,860	1,451	5,259	5,729	5,826	6,124	4,870	3.3	3.2	3.4	3.3	3.4
Central Vermont Medical Center	4,179	4,012	3,787	3,808	3,374	18,392	18,608	17,775	20,005	17,112	4.4	4.6	4.7	5.3	5.1
Copley Hospital	1,751	1,778	1,772	1,687	1,517	4,538	4,841	4,493	4,196	4,144	2.6	2.7	2.5	2.5	2.7
Gifford Medical Center	1,454	1,321	1,313	1,334	1,148	5,770	5,126	4,497	4,494	3,500	4.0	3.9	3.4	3.4	3.0
Grace Cottage Family Health & Hospital	118	150	124	135	113	382	420	365	475	696	3.2	2.8	2.9	3.5	6.2
Mt. Ascutney Hospital and Health Center	965	1,028	962	1,075	918	9,027	9,949	8,818	10,143	8,656	9.4	9.7	9.2	9.4	9.4
North Country Hospital	1,594	1,531	1,502	1,298	1,182	5,457	5,346	4,662	3,919	3,502	3.4	3.5	3.1	3.0	3.0
Northeastern Vermont Regional Hospital	1,374	1,375	1,334	1,293	1,022	4,281	4,299	4,707	4,699	3,473	3.1	3.1	3.5	3.6	3.4
Northwestern Medical Center	2,596	2,349	2,260	2,287	1,848	7,854	7,811	7,483	7,860	6,766	3.0	3.3	3.3	3.4	3.7
Porter Medical Center	1,399	1,102	1,159	1,274	949	4,734	3,428	3,698	3,812	2,710	3.4	3.1	3.2	3.0	2.9
Rutland Regional Medical Center	6,360	6,639	6,873	6,442	5,623	30,227	29,669	32,685	31,681	29,876	4.8	4.5	4.8	4.9	5.3
Southwestern Vermont Medical Center	3,312	3,403	3,406	3,421	2,803	11,054	11,606	11,711	11,500	9,842	3.3	3.4	3.4	3.4	3.5
Springfield Hospital	1,792	1,898	1,822	1,318	943	8,019	7,857	8,028	6,562	4,697	4.5	4.1	4.4	5.0	5.0
University of Vermont Medical Center	19,387	19,747	20,205	21,028	18,661	110,604	120,437	125,254	130,960	122,444	5.7	6.1	6.2	6.2	6.6
Total	47,878	48,104	48,216	48,260	41,552	225,598	235,126	240,002	246,430	222,288	4.7	4.9	5.0	5.1	5.3

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes.
Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table I-3
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Summary Statistics for Vermont Hospitals: 5 Year Comparison 2016-2020
Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
All Vermont Hospitals															
Certain Infectious and Parasitic Diseases	2,638	2,665	2,845	2,975	2,630	16,486	16,434	18,754	19,346	18,126	6.2	6.2	6.6	6.5	6.9
Neoplasms	2,002	1,952	1,866	1,721	1,551	11,027	11,151	11,513	11,078	11,511	5.5	5.7	6.2	6.4	7.4
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	458	463	471	477	441	1,839	1,840	1,940	2,194	2,051	4.0	4.0	4.1	4.6	4.7
Endocrine, Nutritional and Metabolic Diseases	1,615	1,698	1,685	1,809	1,465	7,644	8,513	8,299	9,070	7,448	4.7	5.0	4.9	5.0	5.1
Mental, Behavioral and Neurodevelopmental Disorders	2,471	2,621	2,888	2,695	2,386	24,260	27,568	30,471	27,701	23,240	9.8	10.5	10.6	10.3	9.7
Diseases of the Nervous System	1,415	1,476	1,406	1,415	1,250	8,092	9,744	10,049	11,381	13,423	5.7	6.6	7.1	8.0	10.7
Diseases of the Eye and Adnexa	37	28	37	37	29	146	101	162	156	109	3.9	3.6	4.4	4.2	3.8
Diseases of the Ear and Mastoid Process	57	70	53	76	40	163	202	175	208	122	2.9	2.9	3.3	2.7	3.1
Diseases of the Circulatory System	7,573	7,731	7,934	8,211	7,414	32,219	35,342	35,630	39,706	37,069	4.3	4.6	4.5	4.8	5.0
Diseases of the Respiratory System	4,798	4,826	4,801	4,768	3,399	20,157	20,723	20,906	21,752	16,926	4.2	4.3	4.4	4.6	5.0
Diseases of the Digestive System	5,262	5,029	4,900	4,965	4,381	22,757	22,332	22,581	23,122	20,996	4.3	4.4	4.6	4.7	4.8
Diseases of the Skin and Subcutaneous Tissue	953	927	839	888	734	4,346	4,216	3,959	3,885	3,218	4.6	4.5	4.7	4.4	4.4
Diseases of the Musculoskeletal System and Connective Tissue	4,288	4,348	4,310	4,244	3,162	13,456	13,578	12,663	12,666	9,825	3.1	3.1	2.9	3.0	3.1
Diseases of the Genitourinary System	1,949	1,959	1,970	2,021	1,837	7,541	7,688	8,094	9,663	9,051	3.9	3.9	4.1	4.8	4.9
Pregnancy, Childbirth and the Puerperium	5,653	5,539	5,410	5,298	5,017	14,864	14,847	14,439	14,505	12,917	2.6	2.7	2.7	2.7	2.6
Certain Conditions Originating in the Perinatal Period	7	4	7	4	3	64	52	55	14	47	9.1	13.0	7.9	3.5	15.7
Congenital Malformations, Deformations and Chromosomal Abnormalities	135	147	125	133	119	628	751	581	608	607	4.7	5.1	4.6	4.6	5.1
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	1,218	1,263	1,211	1,237	1,077	3,859	4,529	4,659	5,314	4,809	3.2	3.6	3.8	4.3	4.5
Injury, Poisoning and Certain Other Consequences of External Causes	4,302	4,334	4,375	4,379	3,785	25,708	25,534	25,737	26,122	23,914	6.0	5.9	5.9	6.0	6.3
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	1,047	1,024	1,083	907	832	10,342	9,981	9,335	7,939	6,879	9.9	9.7	8.6	8.8	8.3
Total	47,878	48,104	48,216	48,260	41,552	225,598	235,126	240,002	246,430	222,288	4.7	4.9	5.0	5.1	5.3

Numbers of inpatient discharges exclude newborns (MDC 15) and any records with missing or invalid diagnosis codes
Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper..

Table I-3
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Summary Statistics for Vermont Hospitals: 5 Year Comparison 2016-2020
Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Brattleboro Memorial Hospital											5.6	4.0	3.3		
Certain Infectious and Parasitic Diseases	87	92	118	121	80	381	453	556	510	427	4.4	4.9	4.7	4.2	5.3
Neoplasms	52	48	55	28	30	204	198	249	134	126	3.9	4.1	4.5	4.8	4.2
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	18	13	24	24	13	52	39	68	70	43	2.9	3.0	2.8	2.9	3.3
Endocrine, Nutritional and Metabolic Diseases	65	50	67	75	62	221	145	186	251	236	3.4	2.9	2.8	3.3	3.8
Mental, Behavioral and Neurodevelopmental Disorders	21	35	27	38	39	77	116	132	130	135	3.7	3.3	4.9	3.4	3.5
Diseases of the Nervous System	16	27	34	44	25	95	61	109	118	87	5.9	2.3	3.2	2.7	3.5
Diseases of the Eye and Adnexa	1	1	1	1	-	1	1	4	2	-	1.0	1.0	4.0	2.0	-
Diseases of the Ear and Mastoid Process	-	1	-	2	-	-	1	-	5	-	-	1.0	-	2.5	-
Diseases of the Circulatory System	162	190	230	223	196	517	610	765	754	689	3.2	3.2	3.3	3.4	3.5
Diseases of the Respiratory System	197	232	221	212	130	706	807	845	716	530	3.6	3.5	3.8	3.4	4.1
Diseases of the Digestive System	217	192	186	199	150	812	668	672	696	522	3.7	3.5	3.6	3.5	3.5
Diseases of the Skin and Subcutaneous Tissue	45	68	71	77	73	207	261	251	282	257	4.6	3.8	3.5	3.7	3.5
Diseases of the Musculoskeletal System and Connective Tissue	211	245	178	212	184	635	729	483	547	352	3.0	3.0	2.7	2.6	1.9
Diseases of the Genitourinary System	60	81	74	105	80	181	282	277	386	322	3.0	3.5	3.7	3.7	4.0
Pregnancy, Childbirth and the Puerperium	302	318	258	324	262	675	793	702	887	668	2.2	2.5	2.7	2.7	2.5
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	1	-	-	-	-	3	-	-	-	-	3.0	-	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	23	26	15	24	25	85	72	49	67	101	3.7	2.8	3.3	2.8	4.0
Injury, Poisoning and Certain Other Consequences of External Causes	115	148	126	142	99	382	474	432	536	366	3.3	3.2	3.4	3.8	3.7
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	5	4	11	9	3	28	19	43	33	9	5.6	4.8	3.9	3.7	3.0
Total	1,597	1,771	1,697	1,860	1,451	5,259	5,729	5,826	6,124	4,870	3.3	3.2	3.4	3.3	3.4

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

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Table I-3
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Summary Statistics for Vermont Hospitals: 5 Year Comparison 2016-2020
Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Central Vermont Medical Center															
Certain Infectious and Parasitic Diseases	364	414	576	643	501	1,915	2,107	3,066	3,634	2,936	5.3	5.1	5.3	5.7	5.9
Neoplasms	84	82	84	64	62	431	499	513	410	307	5.1	6.1	6.1	6.4	5.0
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	30	36	45	35	59	75	82	156	255	272	2.5	2.3	3.5	7.3	4.6
Endocrine, Nutritional and Metabolic Diseases	126	152	133	141	133	419	606	493	555	581	3.3	4.0	3.7	3.9	4.4
Mental, Behavioral and Neurodevelopmental Disorders	459	497	492	434	371	4,343	4,963	4,406	4,896	3,611	9.5	10.0	9.0	11.3	9.7
Diseases of the Nervous System	123	106	67	76	89	444	415	446	649	645	3.6	3.9	6.7	8.5	7.2
Diseases of the Eye and Adnexa	2	2	-	1	1	10	9	-	13	2	5.0	4.5	-	13.0	2.0
Diseases of the Ear and Mastoid Process	10	8	4	10	5	34	20	11	20	11	3.4	2.5	2.8	2.0	2.2
Diseases of the Circulatory System	656	635	611	607	532	2,043	2,200	2,178	2,353	1,977	3.1	3.5	3.6	3.9	3.7
Diseases of the Respiratory System	525	451	331	348	260	2,174	1,992	1,246	1,828	1,184	4.1	4.4	3.8	5.3	4.6
Diseases of the Digestive System	518	440	396	383	352	2,038	1,642	1,690	1,657	1,753	3.9	3.7	4.3	4.3	5.0
Diseases of the Skin and Subcutaneous Tissue	120	96	62	79	80	572	387	256	349	391	4.8	4.0	4.1	4.4	4.9
Diseases of the Musculoskeletal System and Connective Tissue	278	270	233	279	232	1,111	1,064	739	905	856	4.0	3.9	3.2	3.2	3.7
Diseases of the Genitourinary System	165	169	159	137	123	592	569	577	526	621	3.6	3.4	3.6	3.8	5.0
Pregnancy, Childbirth and the Puerperium	326	335	317	276	276	801	848	828	720	683	2.5	2.5	2.6	2.6	2.5
Certain Conditions Originating in the Perinatal Period	-	-	1	-	-	-	-	2	-	-	-	-	2.0	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	2	1	1	1	-	4	2	4	2	-	2.0	2.0	4.0	2.0	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	120	82	47	58	82	302	235	157	222	279	2.5	2.9	3.3	3.8	3.4
Injury, Poisoning and Certain Other Consequences of External Causes	269	228	217	222	197	1,070	952	980	931	926	4.0	4.2	4.5	4.2	4.7
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	2	8	11	14	19	14	16	27	80	77	7.0	2.0	2.5	5.7	4.1
Total	4,179	4,012	3,787	3,808	3,374	18,392	18,608	17,775	20,005	17,112	4.4	4.6	4.7	5.3	5.1

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

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Table I-3
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Summary Statistics for Vermont Hospitals: 5 Year Comparison 2016-2020
Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Copley Hospital															
Certain Infectious and Parasitic Diseases	17	17	16	24	26	67	70	51	84	102	3.9	4.1	3.2	3.5	3.9
Neoplasms	28	28	37	37	24	118	77	151	197	168	4.2	2.8	4.1	5.3	7.0
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	10	9	6	4	1	21	21	9	8	2	2.1	2.3	1.5	2.0	2.0
Endocrine, Nutritional and Metabolic Diseases	33	45	36	42	31	96	109	134	166	128	2.9	2.4	3.7	4.0	4.1
Mental, Behavioral and Neurodevelopmental Disorders	39	22	18	12	21	88	45	50	43	45	2.3	2.0	2.8	3.6	2.1
Diseases of the Nervous System	36	33	33	26	26	99	69	106	108	133	2.8	2.1	3.2	4.2	5.1
Diseases of the Eye and Adnexa	1	-	-	-	-	1	-	-	-	-	1.0	-	-	-	-
Diseases of the Ear and Mastoid Process	4	4	1	-	-	9	10	2	-	-	2.3	2.5	2.0	-	-
Diseases of the Circulatory System	160	168	178	149	138	384	464	491	467	448	2.4	2.8	2.8	3.1	3.2
Diseases of the Respiratory System	194	203	182	155	127	676	733	649	518	487	3.5	3.6	3.6	3.3	3.8
Diseases of the Digestive System	211	200	195	143	154	623	689	648	526	554	3.0	3.4	3.3	3.7	3.6
Diseases of the Skin and Subcutaneous Tissue	43	44	39	26	27	158	155	142	94	112	3.7	3.5	3.6	3.6	4.1
Diseases of the Musculoskeletal System and Connective Tissue	443	473	547	618	526	897	966	796	792	766	2.0	2.0	1.5	1.3	1.5
Diseases of the Genitourinary System	87	94	77	71	76	198	267	197	207	294	2.3	2.8	2.6	2.9	3.9
Pregnancy, Childbirth and the Puerperium	206	189	179	185	149	376	346	342	336	240	1.8	1.8	1.9	1.8	1.6
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	-	1	-	-	-	-	15	-	-	-	-	15.0	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	87	79	47	39	30	200	236	128	87	106	2.3	3.0	2.7	2.2	3.5
Injury, Poisoning and Certain Other Consequences of External Causes	150	169	178	150	157	524	583	594	533	547	3.5	3.4	3.3	3.6	3.5
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	2	1	3	5	4	3	1	3	15	12	1.5	1.0	1.0	3.0	3.0
Total	1,751	1,778	1,772	1,687	1,517	4,538	4,841	4,493	4,196	4,144	2.6	2.7	2.5	2.5	2.7

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

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Table I-3
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Summary Statistics for Vermont Hospitals: 5 Year Comparison 2016-2020
Clinical Classifications Software Refined (CCSR) High Level Diagnosis Groups

<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Gifford Medical Center															
Certain Infectious and Parasitic Diseases	16	18	16	32	23	54	53	58	121	86	3.4	2.9	3.6	3.8	3.7
Neoplasms	32	38	25	15	21	202	184	129	59	63	6.3	4.8	5.2	3.9	3.0
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	22	17	18	18	19	84	60	53	42	57	3.8	3.5	2.9	2.3	3.0
Endocrine, Nutritional and Metabolic Diseases	48	48	57	61	43	189	174	184	251	131	3.9	3.6	3.2	4.1	3.0
Mental, Behavioral and Neurodevelopmental Disorders	50	26	32	16	25	183	143	111	90	80	3.7	5.5	3.5	5.6	3.2
Diseases of the Nervous System	65	48	63	45	37	245	208	335	204	222	3.8	4.3	5.3	4.5	6.0
Diseases of the Eye and Adnexa	1	-	1	-	1	2	-	1	-	1	2.0	-	1.0	-	1.0
Diseases of the Ear and Mastoid Process	3	3	3	9	1	8	10	7	15	4	2.7	3.3	2.3	1.7	4.0
Diseases of the Circulatory System	225	233	231	210	171	921	889	778	614	491	4.1	3.8	3.4	2.9	2.9
Diseases of the Respiratory System	183	192	164	151	109	755	764	589	541	373	4.1	4.0	3.6	3.6	3.4
Diseases of the Digestive System	178	138	132	157	134	826	562	451	454	385	4.6	4.1	3.4	2.9	2.9
Diseases of the Skin and Subcutaneous Tissue	46	42	26	31	39	249	188	110	113	130	5.4	4.5	4.2	3.6	3.3
Diseases of the Musculoskeletal System and Connective Tissue	90	95	95	93	104	319	412	228	217	242	3.5	4.3	2.4	2.3	2.3
Diseases of the Genitourinary System	97	83	83	74	81	398	295	286	268	244	4.1	3.6	3.4	3.6	3.0
Pregnancy, Childbirth and the Puerperium	204	169	202	215	204	543	451	514	549	501	2.7	2.7	2.5	2.6	2.5
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	1	-	-	-	-	4	-	-	-	-	4.0	-	-	-	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	89	58	53	83	79	255	169	183	323	239	2.9	2.9	3.5	3.9	3.0
Injury, Poisoning and Certain Other Consequences of External Causes	92	109	100	116	55	441	544	401	581	249	4.8	5.0	4.0	5.0	4.5
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	12	4	12	8	2	92	20	79	52	2	7.7	5.0	6.6	6.5	1.0
Total	1,454	1,321	1,313	1,334	1,148	5,770	5,126	4,497	4,494	3,500	4.0	3.9	3.4	3.4	3.0

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<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Grace Cottage Family Health & Hospital															
Certain Infectious and Parasitic Diseases	2	3	5	6	3	7	10	11	11	9	3.5	3.3	2.2	1.8	3.0
Neoplasms	4	2	2	4	2	12	6	8	5	11	3.0	3.0	4.0	1.3	5.5
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	2	3	2	1	3	10	6	5	3	7	5.0	2.0	2.5	3.0	2.3
Endocrine, Nutritional and Metabolic Diseases	6	9	6	11	6	18	24	12	40	17	3.0	2.7	2.0	3.6	2.8
Mental, Behavioral and Neurodevelopmental Disorders	-	2	4	-	1	-	7	16	-	2	-	3.5	4.0	-	2.0
Diseases of the Nervous System	8	3	1	1	-	23	8	3	3	-	2.9	2.7	3.0	3.0	-
Diseases of the Eye and Adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the Ear and Mastoid Process	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the Circulatory System	21	13	20	15	15	56	30	65	47	49	2.7	2.3	3.3	3.1	3.3
Diseases of the Respiratory System	27	42	32	36	26	78	126	102	119	81	2.9	3.0	3.2	3.3	3.1
Diseases of the Digestive System	10	19	13	10	14	18	43	37	25	42	1.8	2.3	2.8	2.5	3.0
Diseases of the Skin and Subcutaneous Tissue	4	14	4	4	2	14	48	13	13	7	3.5	3.4	3.3	3.3	3.5
Diseases of the Musculoskeletal System and Connective Tissue	2	-	5	4	4	6	-	14	11	9	3.0	-	2.8	2.8	2.3
Diseases of the Genitourinary System	15	11	4	13	7	41	34	9	43	19	2.7	3.1	2.3	3.3	2.7
Pregnancy, Childbirth and the Puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	7	17	17	18	14	21	45	39	46	118	3.0	2.6	2.3	2.6	8.4
Injury, Poisoning and Certain Other Consequences of External Causes	9	12	8	8	10	25	33	27	25	148	2.8	2.8	3.4	3.1	14.8
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	1	-	1	4	6	53	-	4	84	177	53.0	-	4.0	21.0	29.5
Total	118	150	124	135	113	382	420	365	475	696	3.2	2.8	2.9	3.5	6.2

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Mt. Ascutney Hospital and Health Center															
Certain Infectious and Parasitic Diseases	7	9	12	19	22	35	38	48	69	130	5.0	4.2	4.0	3.6	5.9
Neoplasms	28	16	15	18	15	142	104	135	157	161	5.1	6.5	9.0	8.7	10.7
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	9	5	3	7	10	22	12	14	25	35	2.4	2.4	4.7	3.6	3.5
Endocrine, Nutritional and Metabolic Diseases	15	17	19	21	13	52	66	83	89	54	3.5	3.9	4.4	4.2	4.2
Mental, Behavioral and Neurodevelopmental Disorders	1	1	-	5	3	6	2	-	14	9	6.0	2.0	-	2.8	3.0
Diseases of the Nervous System	10	8	11	23	13	49	59	37	404	413	4.9	7.4	3.4	17.6	31.8
Diseases of the Eye and Adnexa	-	-	-	1	2	-	-	-	3	8	-	-	-	3.0	4.0
Diseases of the Ear and Mastoid Process	-	1	-	1	2	-	2	-	3	6	-	2.0	-	3.0	3.0
Diseases of the Circulatory System	69	76	89	186	183	231	383	666	1,867	1,957	3.3	5.0	7.5	10.0	10.7
Diseases of the Respiratory System	73	79	88	94	89	250	333	316	450	539	3.4	4.2	3.6	4.8	6.1
Diseases of the Digestive System	79	84	58	94	86	330	333	250	355	384	4.2	4.0	4.3	3.8	4.5
Diseases of the Skin and Subcutaneous Tissue	16	18	19	21	22	54	72	80	83	119	3.4	4.0	4.2	4.0	5.4
Diseases of the Musculoskeletal System and Connective Tissue	10	12	26	28	27	55	94	170	232	267	5.5	7.8	6.5	8.3	9.9
Diseases of the Genitourinary System	27	21	31	56	38	109	73	111	276	219	4.0	3.5	3.6	4.9	5.8
Pregnancy, Childbirth and the Puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	16	23	19	43	36	50	106	74	310	135	3.1	4.6	3.9	7.2	3.8
Injury, Poisoning and Certain Other Consequences of External Causes	98	147	133	188	122	894	1,627	1,651	2,288	1,301	9.1	11.1	12.4	12.2	10.7
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	507	511	439	270	235	6,748	6,645	5,183	3,518	2,919	13.3	13.0	11.8	13.0	12.4
Total	965	1,028	962	1,075	918	9,027	9,949	8,818	10,143	8,656	9.4	9.7	9.2	9.4	9.4

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
North Country Hospital															
Certain Infectious and Parasitic Diseases	33	8	21	15	22	144	37	54	51	88	4.4	4.6	2.6	3.4	4.0
Neoplasms	37	45	39	37	31	158	187	163	130	115	4.3	4.2	4.2	3.5	3.7
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	25	18	19	14	7	66	80	50	44	14	2.6	4.4	2.6	3.1	2.0
Endocrine, Nutritional and Metabolic Diseases	81	64	74	56	48	283	226	223	167	113	3.5	3.5	3.0	3.0	2.4
Mental, Behavioral and Neurodevelopmental Disorders	29	19	18	9	11	93	87	39	16	36	3.2	4.6	2.2	1.8	3.3
Diseases of the Nervous System	39	31	29	12	17	134	99	64	44	37	3.4	3.2	2.2	3.7	2.2
Diseases of the Eye and Adnexa	3	-	-	1	-	11	-	-	2	-	3.7	-	-	2.0	-
Diseases of the Ear and Mastoid Process	3	1	1	-	-	9	7	3	-	-	3.0	7.0	3.0	-	-
Diseases of the Circulatory System	254	171	198	195	198	737	506	518	483	529	2.9	3.0	2.6	2.5	2.7
Diseases of the Respiratory System	267	376	290	209	171	969	1,329	960	751	527	3.6	3.5	3.3	3.6	3.1
Diseases of the Digestive System	233	209	180	203	156	922	938	679	687	490	4.0	4.5	3.8	3.4	3.1
Diseases of the Skin and Subcutaneous Tissue	37	47	27	31	34	149	190	121	102	128	4.0	4.0	4.5	3.3	3.8
Diseases of the Musculoskeletal System and Connective Tissue	80	55	76	71	53	297	174	239	197	164	3.7	3.2	3.1	2.8	3.1
Diseases of the Genitourinary System	104	124	96	94	91	386	398	336	295	288	3.7	3.2	3.5	3.1	3.2
Pregnancy, Childbirth and the Puerperium	205	198	219	211	190	476	479	498	473	406	2.3	2.4	2.3	2.2	2.1
Certain Conditions Originating in the Perinatal Period	-	2	2	1	-	-	5	5	4	-	-	2.5	2.5	4.0	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	1	1	3	1	2	5	4	7	2	4	5.0	4.0	2.3	2.0	2.0
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	77	107	109	68	71	230	418	321	199	227	3.0	3.9	2.9	2.9	3.2
Injury, Poisoning and Certain Other Consequences of External Causes	84	55	96	66	73	384	182	366	259	319	4.6	3.3	3.8	3.9	4.4
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	2	-	5	4	7	4	-	16	13	17	2.0	-	3.2	3.3	2.4
Total	1,594	1,531	1,502	1,298	1,182	5,457	5,346	4,662	3,919	3,502	3.4	3.5	3.1	3.0	3.0

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Northeastern Vermont Regional Hospital															
Certain Infectious and Parasitic Diseases	29	22	44	48	65	91	65	290	256	325	3.1	3.0	6.6	5.3	5.0
Neoplasms	30	32	23	29	23	98	138	86	86	55	3.3	4.3	3.7	3.0	2.4
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	8	11	14	10	4	24	40	45	31	13	3.0	3.6	3.2	3.1	3.3
Endocrine, Nutritional and Metabolic Diseases	32	41	36	28	30	90	155	85	108	92	2.8	3.8	2.4	3.9	3.1
Mental, Behavioral and Neurodevelopmental Disorders	48	62	56	33	59	184	229	190	134	224	3.8	3.7	3.4	4.1	3.8
Diseases of the Nervous System	22	44	31	32	19	78	149	113	116	92	3.5	3.4	3.6	3.6	4.8
Diseases of the Eye and Adnexa	1	-	1	-	1	9	-	6	-	1	9.0	-	6.0	-	1.0
Diseases of the Ear and Mastoid Process	-	2	-	2	-	-	3	-	12	-	-	1.5	-	6.0	-
Diseases of the Circulatory System	190	168	161	111	121	620	535	526	460	419	3.3	3.2	3.3	4.1	3.5
Diseases of the Respiratory System	154	137	177	197	101	489	476	713	930	367	3.2	3.5	4.0	4.7	3.6
Diseases of the Digestive System	154	185	170	162	145	536	668	684	645	547	3.5	3.6	4.0	4.0	3.8
Diseases of the Skin and Subcutaneous Tissue	44	33	30	26	18	172	105	135	117	64	3.9	3.2	4.5	4.5	3.6
Diseases of the Musculoskeletal System and Connective Tissue	137	138	144	153	55	420	349	357	322	116	3.1	2.5	2.5	2.1	2.1
Diseases of the Genitourinary System	77	63	54	76	66	240	198	179	255	234	3.1	3.1	3.3	3.4	3.5
Pregnancy, Childbirth and the Puerperium	226	229	199	206	181	490	503	479	491	396	2.2	2.2	2.4	2.4	2.2
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	1	-	-	-	-	1	-	-	-	-	1.0	-	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	86	88	85	68	44	249	251	252	281	193	2.9	2.9	3.0	4.1	4.4
Injury, Poisoning and Certain Other Consequences of External Causes	133	119	103	110	88	476	431	552	448	328	3.6	3.6	5.4	4.1	3.7
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	3	1	5	2	2	15	4	14	7	7	5.0	4.0	2.8	3.5	3.5
Total	1,374	1,375	1,334	1,293	1,022	4,281	4,299	4,707	4,699	3,473	3.1	3.1	3.5	3.6	3.4

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

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Summary Statistics for Vermont Hospitals: 5 Year Comparison 2016-2020
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<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Northwestern Medical Center															
Certain Infectious and Parasitic Diseases	109	67	41	38	59	349	216	197	158	269	3.2	3.2	4.8	4.2	4.6
Neoplasms	55	38	33	48	39	187	118	148	207	156	3.4	3.1	4.5	4.3	4.0
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	27	42	16	18	28	89	127	41	38	79	3.3	3.0	2.6	2.1	2.8
Endocrine, Nutritional and Metabolic Diseases	56	64	64	81	71	141	203	197	358	254	2.5	3.2	3.1	4.4	3.6
Mental, Behavioral and Neurodevelopmental Disorders	34	49	39	34	27	105	213	205	232	135	3.1	4.3	5.3	6.8	5.0
Diseases of the Nervous System	55	50	39	35	28	358	253	473	207	439	6.5	5.1	12.1	5.9	15.7
Diseases of the Eye and Adnexa	-	2	3	-	-	-	9	13	-	-	-	4.5	4.3	-	-
Diseases of the Ear and Mastoid Process	1	8	2	-	2	2	31	8	-	4	2.0	3.9	4.0	-	2.0
Diseases of the Circulatory System	312	263	319	345	276	906	938	1,040	1,046	1,048	2.9	3.6	3.3	3.0	3.8
Diseases of the Respiratory System	372	364	353	353	251	1,262	1,359	1,244	1,365	898	3.4	3.7	3.5	3.9	3.6
Diseases of the Digestive System	318	262	305	317	304	998	952	1,005	1,060	1,061	3.1	3.6	3.3	3.3	3.5
Diseases of the Skin and Subcutaneous Tissue	67	60	75	69	36	228	214	269	272	226	3.4	3.6	3.6	3.9	6.3
Diseases of the Musculoskeletal System and Connective Tissue	371	328	284	208	154	871	943	751	519	443	2.3	2.9	2.6	2.5	2.9
Diseases of the Genitourinary System	182	132	141	137	86	540	563	462	474	341	3.0	4.3	3.3	3.5	4.0
Pregnancy, Childbirth and the Puerperium	378	374	357	348	343	806	808	750	755	694	2.1	2.2	2.1	2.2	2.0
Certain Conditions Originating in the Perinatal Period	-	1	1	-	1	-	4	3	-	3	-	4.0	3.0	-	3.0
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	1	2	-	1	-	3	8	-	2	-	3.0	4.0	-	2.0
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	52	70	44	83	44	152	222	171	399	226	2.9	3.2	3.9	4.8	5.1
Injury, Poisoning and Certain Other Consequences of External Causes	199	174	139	170	97	817	635	483	760	487	4.1	3.6	3.5	4.5	5.0
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	8	-	3	3	1	43	-	15	10	1	5.4	-	5.0	3.3	1.0
Total	2,596	2,349	2,260	2,287	1,848	7,854	7,811	7,483	7,860	6,766	3.0	3.3	3.3	3.4	3.7

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<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Porter Medical Center															
Certain Infectious and Parasitic Diseases	154	77	100	112	97	741	302	442	492	403	4.8	3.9	4.4	4.4	4.2
Neoplasms	24	16	11	11	10	156	67	70	31	52	6.5	4.2	6.4	2.8	5.2
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	12	2	9	15	6	30	5	40	41	20	2.5	2.5	4.4	2.7	3.3
Endocrine, Nutritional and Metabolic Diseases	50	20	20	19	17	121	67	74	48	39	2.4	3.4	3.7	2.5	2.3
Mental, Behavioral and Neurodevelopmental Disorders	19	13	13	23	32	81	46	56	94	99	4.3	3.5	4.3	4.1	3.1
Diseases of the Nervous System	25	21	20	26	18	122	94	72	180	67	4.9	4.5	3.6	6.9	3.7
Diseases of the Eye and Adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the Ear and Mastoid Process	1	-	1	-	-	2	-	2	-	-	2.0	-	2.0	-	-
Diseases of the Circulatory System	136	91	86	129	95	464	310	307	389	313	3.4	3.4	3.6	3.0	3.3
Diseases of the Respiratory System	124	135	118	135	67	452	486	529	471	235	3.6	3.6	4.5	3.5	3.5
Diseases of the Digestive System	126	100	128	140	84	476	384	431	456	285	3.8	3.8	3.4	3.3	3.4
Diseases of the Skin and Subcutaneous Tissue	26	22	27	39	19	111	86	100	130	52	4.3	3.9	3.7	3.3	2.7
Diseases of the Musculoskeletal System and Connective Tissue	163	151	158	152	119	455	311	328	299	218	2.8	2.1	2.1	2.0	1.8
Diseases of the Genitourinary System	28	25	40	34	21	105	70	161	145	75	3.8	2.8	4.0	4.3	3.6
Pregnancy, Childbirth and the Puerperium	379	331	338	321	287	901	788	764	691	585	2.4	2.4	2.3	2.2	2.0
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	47	41	37	55	40	143	165	130	167	131	3.0	4.0	3.5	3.0	3.3
Injury, Poisoning and Certain Other Consequences of External Causes	80	55	51	62	36	353	234	185	177	131	4.4	4.3	3.6	2.9	3.6
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	5	2	2	1	1	21	13	7	1	5	4.2	6.5	3.5	1.0	5.0
Total	1,399	1,102	1,159	1,274	949	4,734	3,428	3,698	3,812	2,710	3.4	3.1	3.2	3.0	2.9

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<u>CCSR Diagnosis Groups</u>	Discharges					Patient Days					Average Length of Stay				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Rutland Regional Medical Center															
Certain Infectious and Parasitic Diseases	458	492	507	475	442	3,106	3,099	3,361	3,285	3,033	6.8	6.3	6.6	6.9	6.9
Neoplasms	245	248	261	223	170	1,296	1,384	1,408	1,287	1,051	5.3	5.6	5.4	5.8	6.2
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	64	62	56	87	65	260	154	179	283	243	4.1	2.5	3.2	3.3	3.7
Endocrine, Nutritional and Metabolic Diseases	158	236	227	235	204	695	994	1,098	1,103	937	4.4	4.2	4.8	4.7	4.6
Mental, Behavioral and Neurodevelopmental Disorders	764	803	984	843	855	7,077	7,570	9,286	7,900	8,079	9.3	9.4	9.4	9.4	9.4
Diseases of the Nervous System	165	180	140	120	141	1,077	741	1,233	972	1,320	6.5	4.1	8.8	8.1	9.4
Diseases of the Eye and Adnexa	2	3	4	6	-	5	4	25	21	-	2.5	1.3	6.3	3.5	-
Diseases of the Ear and Mastoid Process	10	12	12	8	9	21	22	42	23	29	2.1	1.8	3.5	2.9	3.2
Diseases of the Circulatory System	767	865	861	843	742	2,714	2,981	2,862	2,966	3,234	3.5	3.4	3.3	3.5	4.4
Diseases of the Respiratory System	646	578	706	722	504	2,766	2,521	3,137	3,231	2,390	4.3	4.4	4.4	4.5	4.7
Diseases of the Digestive System	767	719	741	699	553	3,384	2,904	2,866	3,213	2,381	4.4	4.0	3.9	4.6	4.3
Diseases of the Skin and Subcutaneous Tissue	173	138	142	125	100	670	529	577	581	393	3.9	3.8	4.1	4.6	3.9
Diseases of the Musculoskeletal System and Connective Tissue	792	913	863	705	485	1,973	2,148	1,842	1,682	1,132	2.5	2.4	2.1	2.4	2.3
Diseases of the Genitourinary System	313	383	353	358	329	1,151	1,408	1,238	1,494	1,720	3.7	3.7	3.5	4.2	5.2
Pregnancy, Childbirth and the Puerperium	361	380	359	349	401	881	928	879	880	984	2.4	2.4	2.4	2.5	2.5
Certain Conditions Originating in the Perinatal Period	2	-	-	2	1	10	-	-	6	3	5.0	-	-	3.0	3.0
Congenital Malformations, Deformations and Chromosomal Abnormalities	5	6	1	1	2	6	14	2	1	3	1.2	2.3	2.0	1.0	1.5
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	117	115	128	124	113	333	326	386	394	483	2.8	2.8	3.0	3.2	4.3
Injury, Poisoning and Certain Other Consequences of External Causes	526	485	497	470	443	2,676	1,875	2,180	2,195	2,297	5.1	3.9	4.4	4.7	5.2
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	25	21	31	47	64	126	67	84	164	164	5.0	3.2	2.7	3.5	2.6
Total	6,360	6,639	6,873	6,442	5,623	30,227	29,669	32,685	31,681	29,876	4.8	4.5	4.8	4.9	5.3

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Southwestern Vermont Medical Center															
Certain Infectious and Parasitic Diseases	305	340	304	355	288	1,242	1,436	1,279	1,448	1,283	4.1	4.2	4.2	4.1	4.5
Neoplasms	100	83	73	61	55	353	364	313	235	221	3.5	4.4	4.3	3.9	4.0
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	35	29	32	20	19	96	94	80	56	41	2.7	3.2	2.5	2.8	2.2
Endocrine, Nutritional and Metabolic Diseases	104	121	120	139	101	348	435	421	456	382	3.3	3.6	3.5	3.3	3.8
Mental, Behavioral and Neurodevelopmental Disorders	30	51	62	47	36	136	251	258	187	145	4.5	4.9	4.2	4.0	4.0
Diseases of the Nervous System	72	63	71	61	82	209	218	277	197	362	2.9	3.5	3.9	3.2	4.4
Diseases of the Eye and Adnexa	-	1	3	1	2	-	4	13	4	6	-	4.0	4.3	4.0	3.0
Diseases of the Ear and Mastoid Process	3	1	4	11	1	10	2	8	21	3	3.3	2.0	2.0	1.9	3.0
Diseases of the Circulatory System	404	421	480	477	426	1,280	1,425	1,538	1,673	1,446	3.2	3.4	3.2	3.5	3.4
Diseases of the Respiratory System	552	504	557	636	402	2,093	1,888	2,185	2,371	1,542	3.8	3.7	3.9	3.7	3.8
Diseases of the Digestive System	473	433	414	385	308	1,723	1,514	1,541	1,332	1,159	3.6	3.5	3.7	3.5	3.8
Diseases of the Skin and Subcutaneous Tissue	100	94	71	80	69	306	314	247	280	285	3.1	3.3	3.5	3.5	4.1
Diseases of the Musculoskeletal System and Connective Tissue	155	251	184	183	123	449	734	543	484	348	2.9	2.9	3.0	2.6	2.8
Diseases of the Genitourinary System	134	131	149	142	111	398	411	475	412	418	3.0	3.1	3.2	2.9	3.8
Pregnancy, Childbirth and the Puerperium	468	486	471	423	424	1,111	1,187	1,121	999	936	2.4	2.4	2.4	2.4	2.2
Certain Conditions Originating in the Perinatal Period	1	-	-	-	-	2	-	-	-	-	2.0	-	-	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	1	2	1	1	1	8	7	2	7	2	8.0	3.5	2.0	7.0	2.0
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	81	73	88	87	99	216	189	229	255	293	2.7	2.6	2.6	2.9	3.0
Injury, Poisoning and Certain Other Consequences of External Causes	291	310	305	304	249	1,061	1,109	1,093	1,052	955	3.6	3.6	3.6	3.5	3.8
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	3	9	17	8	7	13	24	88	31	15	4.3	2.7	5.2	3.9	2.1
Total	3,312	3,403	3,406	3,421	2,803	11,054	11,606	11,711	11,500	9,842	3.3	3.4	3.4	3.4	3.5

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Springfield Hospital															
Certain Infectious and Parasitic Diseases	35	47	37	59	37	171	200	176	289	183	4.9	4.3	4.8	4.9	4.9
Neoplasms	22	29	21	10	11	102	105	99	51	43	4.6	3.6	4.7	5.1	3.9
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	12	10	14	14	17	35	18	41	73	107	2.9	1.8	2.9	5.2	6.3
Endocrine, Nutritional and Metabolic Diseases	48	59	44	35	40	166	212	132	167	190	3.5	3.6	3.0	4.8	4.8
Mental, Behavioral and Neurodevelopmental Disorders	358	346	366	349	124	2,807	2,648	2,840	2,651	1,057	7.8	7.7	7.8	7.6	8.5
Diseases of the Nervous System	29	47	28	27	29	88	123	110	106	92	3.0	2.6	3.9	3.9	3.2
Diseases of the Eye and Adnexa	2	1	-	2	-	3	6	-	4	-	1.5	6.0	-	2.0	-
Diseases of the Ear and Mastoid Process	1	4	4	2	2	1	9	12	4	5	1.0	2.3	3.0	2.0	2.5
Diseases of the Circulatory System	206	247	218	158	139	742	800	718	597	671	3.6	3.2	3.3	3.8	4.8
Diseases of the Respiratory System	312	329	324	221	141	1,419	1,312	1,271	996	674	4.5	4.0	3.9	4.5	4.8
Diseases of the Digestive System	223	195	188	125	119	835	700	677	494	485	3.7	3.6	3.6	4.0	4.1
Diseases of the Skin and Subcutaneous Tissue	31	67	49	28	37	150	269	260	148	233	4.8	4.0	5.3	5.3	6.3
Diseases of the Musculoskeletal System and Connective Tissue	86	95	89	77	67	239	242	301	215	178	2.8	2.5	3.4	2.8	2.7
Diseases of the Genitourinary System	80	85	91	57	66	320	312	359	204	239	4.0	3.7	3.9	3.6	3.6
Pregnancy, Childbirth and the Puerperium	188	162	153	36	-	435	352	327	111	-	2.3	2.2	2.1	3.1	-
Certain Conditions Originating in the Perinatal Period	-	-	1	-	-	-	-	1	-	-	-	-	1.0	-	-
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	42	43	41	20	21	132	127	103	68	90	3.1	3.0	2.5	3.4	4.3
Injury, Poisoning and Certain Other Consequences of External Causes	117	132	154	98	93	374	422	601	384	450	3.2	3.2	3.9	3.9	4.8
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1,792	1,898	1,822	1,318	943	8,019	7,857	8,028	6,562	4,697	4.5	4.1	4.4	5.0	5.0

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University of Vermont Medical Center															
Certain Infectious and Parasitic Diseases	1,022	1,059	1,048	1,028	965	8,183	8,348	9,165	8,938	8,852	8.0	7.9	8.7	8.7	9.2
Neoplasms	1,261	1,247	1,187	1,136	1,058	7,568	7,720	8,041	8,089	8,982	6.0	6.2	6.8	7.1	8.5
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	184	206	213	210	190	975	1,102	1,159	1,225	1,118	5.3	5.3	5.4	5.8	5.9
Endocrine, Nutritional and Metabolic Diseases	793	772	782	865	666	4,805	5,097	4,977	5,311	4,294	6.1	6.6	6.4	6.1	6.4
Mental, Behavioral and Neurodevelopmental Disorders	619	695	777	852	782	9,080	11,248	12,882	11,314	9,583	14.7	16.2	16.6	13.3	12.3
Diseases of the Nervous System	750	815	839	887	726	5,071	7,247	6,671	8,073	9,514	6.8	8.9	8.0	9.1	13.1
Diseases of the Eye and Adnexa	24	18	24	24	22	104	68	100	107	91	4.3	3.8	4.2	4.5	4.1
Diseases of the Ear and Mastoid Process	21	25	21	31	18	67	85	80	105	60	3.2	3.4	3.8	3.4	3.3
Diseases of the Circulatory System	4,011	4,190	4,252	4,563	4,182	20,604	23,271	23,178	25,990	23,798	5.1	5.6	5.5	5.7	5.7
Diseases of the Respiratory System	1,172	1,204	1,258	1,299	1,021	6,068	6,597	7,120	7,465	7,099	5.2	5.5	5.7	5.7	7.0
Diseases of the Digestive System	1,755	1,853	1,794	1,948	1,822	9,236	10,335	10,950	11,522	10,948	5.3	5.6	6.1	5.9	6.0
Diseases of the Skin and Subcutaneous Tissue	201	184	197	252	178	1,306	1,398	1,398	1,321	821	6.5	7.6	7.1	5.2	4.6
Diseases of the Musculoskeletal System and Connective Tissue	1,470	1,322	1,428	1,461	1,029	5,729	5,412	5,872	6,244	4,734	3.9	4.1	4.1	4.3	4.6
Diseases of the Genitourinary System	580	557	618	667	662	2,882	2,808	3,427	4,678	4,017	5.0	5.0	5.5	7.0	6.1
Pregnancy, Childbirth and the Puerperium	2,410	2,368	2,358	2,404	2,300	7,369	7,364	7,235	7,613	6,824	3.1	3.1	3.1	3.2	3.0
Certain Conditions Originating in the Perinatal Period	4	1	2	1	1	52	43	44	4	41	13.0	43.0	22.0	4.0	41.0
Congenital Malformations, Deformations and Chromosomal Abnormalities	125	136	115	128	113	601	721	554	581	596	4.8	5.3	4.8	4.5	5.3
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	374	441	481	467	379	1,491	1,968	2,437	2,496	2,188	4.0	4.5	5.1	5.3	5.8
Injury, Poisoning and Certain Other Consequences of External Causes	2,139	2,191	2,268	2,273	2,066	16,231	16,433	16,192	15,953	15,410	7.6	7.5	7.1	7.0	7.5
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	472	463	543	532	481	3,182	3,172	3,772	3,931	3,474	6.7	6.9	6.9	7.4	7.2
Total	19,387	19,747	20,205	21,028	18,661	110,604	120,437	125,254	130,960	122,444	5.7	6.1	6.2	6.2	6.6

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

Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table I-4
2020 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	-	399	309	165	181	145	252	708	743	1,451
Central Vermont Medical Center	2	714	874	310	354	330	790	1,590	1,784	3,374
Copley Hospital	2	232	373	195	214	182	319	607	910	1,517
Gifford Medical Center	-	283	217	106	135	147	260	500	648	1,148
Grace Cottage Family Health & Hospital	-	5	17	17	15	10	49	22	91	113
Mt. Ascutney Hospital and Health Center	-	41	193	108	139	133	304	234	684	918
North Country Hospital	15	281	220	121	128	148	269	516	666	1,182
Northeastern Vermont Regional Hospital	6	297	255	95	97	84	188	558	464	1,022
Northwestern Medical Center	7	478	510	164	189	152	348	995	853	1,848
Porter Medical Center	-	357	208	70	78	81	155	565	384	949
Rutland Regional Medical Center	85	1,269	1,688	523	566	471	1,021	3,042	2,581	5,623
Southwestern Vermont Medical Center	4	596	597	251	280	317	758	1,197	1,606	2,803
Springfield Hospital	-	141	246	95	104	108	249	387	556	943
University of Vermont Medical Center	763	4,803	4,980	1,854	1,867	1,614	2,780	10,546	8,115	18,661
Total	884	9,896	10,687	4,074	4,347	3,922	7,742	21,467	20,085	41,552

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

Table I-4
2020 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>	Patient Days by Age Group									<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	-	1,091	1,154	519	585	523	998	2,245	2,625	4,870
Central Vermont Medical Center	4	3,482	4,852	1,545	1,746	1,473	4,010	8,338	8,774	17,112
Copley Hospital	4	462	987	393	598	477	1,223	1,453	2,691	4,144
Gifford Medical Center	-	667	577	272	457	558	969	1,244	2,256	3,500
Grace Cottage Family Health & Hospital	-	13	196	50	46	32	359	209	487	696
Mt. Ascutney Hospital and Health Center	-	314	2,334	900	1,141	1,079	2,888	2,648	6,008	8,656
North Country Hospital	35	650	636	370	387	511	913	1,321	2,181	3,502
Northeastern Vermont Regional Hospital	13	712	892	341	379	284	852	1,617	1,856	3,473
Northwestern Medical Center	17	1,144	1,840	519	732	889	1,625	3,001	3,765	6,766
Porter Medical Center	-	793	610	177	257	259	614	1,403	1,307	2,710
Rutland Regional Medical Center	166	6,386	9,387	2,649	2,892	2,457	5,939	15,939	13,937	29,876
Southwestern Vermont Medical Center	9	1,507	2,067	1,062	1,022	1,296	2,879	3,583	6,259	9,842
Springfield Hospital	-	847	1,272	415	428	494	1,241	2,119	2,578	4,697
University of Vermont Medical Center	3,335	25,053	37,520	12,465	12,735	11,960	19,376	65,908	56,536	122,444
Total	3,583	43,121	64,324	21,677	23,405	22,292	43,886	111,028	111,260	222,288

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

**Table I-4
2020 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	2.7	3.7	3.1	3.2	3.6	4.0	3.2	3.5	3.4
Central Vermont Medical Center	2.0	4.9	5.6	5.0	4.9	4.5	5.1	5.2	4.9	5.1
Copley Hospital	2.0	2.0	2.6	2.0	2.8	2.6	3.8	2.4	3.0	2.7
Gifford Medical Center	0.0	2.4	2.7	2.6	3.4	3.8	3.7	2.5	3.5	3.0
Grace Cottage Family Health & Hospital	0.0	2.6	11.5	2.9	3.1	3.2	7.3	9.5	5.4	6.2
Mt. Ascutney Hospital and Health Center	0.0	7.7	12.1	8.3	8.2	8.1	9.5	11.3	8.8	9.4
North Country Hospital	2.3	2.3	2.9	3.1	3.0	3.5	3.4	2.6	3.3	3.0
Northeastern Vermont Regional Hospital	2.2	2.4	3.5	3.6	3.9	3.4	4.5	2.9	4.0	3.4
Northwestern Medical Center	2.4	2.4	3.6	3.2	3.9	5.8	4.7	3.0	4.4	3.7
Porter Medical Center	0.0	2.2	2.9	2.5	3.3	3.2	4.0	2.5	3.4	2.9
Rutland Regional Medical Center	2.0	5.0	5.6	5.1	5.1	5.2	5.8	5.2	5.4	5.3
Southwestern Vermont Medical Center	2.3	2.5	3.5	4.2	3.7	4.1	3.8	3.0	3.9	3.5
Springfield Hospital	0.0	6.0	5.2	4.4	4.1	4.6	5.0	5.5	4.6	5.0
University of Vermont Medical Center	4.4	5.2	7.5	6.7	6.8	7.4	7.0	6.2	7.0	6.6
Total	4.1	4.4	6.0	5.3	5.4	5.7	5.7	5.2	5.5	5.3

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

**Table I-5
2020 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	Col%
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%		
Brattleboro Memorial Hospital	656	49.1%	284	21.3%	10	0.7%	6	0.4%	352	26.4%	27	2.0%	-	0.0%	1,335	3.3%
Central Vermont Medical Center	2,021	60.0%	586	17.4%	35	1.0%	8	0.2%	679	20.1%	41	1.2%	-	0.0%	3,370	8.2%
Copley Hospital	839	58.3%	219	15.2%	14	1.0%	15	1.0%	333	23.1%	19	1.3%	-	0.0%	1,439	3.5%
Gifford Medical Center	677	62.5%	191	17.6%	-	0.0%	1	0.1%	188	17.4%	26	2.4%	-	0.0%	1,083	2.6%
Grace Cottage Family Health & Hospital	79	72.5%	9	8.3%	1	0.9%	-	0.0%	17	15.6%	3	2.8%	-	0.0%	109	0.3%
Mt. Ascutney Hospital and Health Center	705	76.8%	51	5.6%	-	0.0%	5	0.5%	149	16.2%	8	0.9%	-	0.0%	918	2.2%
North Country Hospital	721	61.8%	254	21.8%	16	1.4%	2	0.2%	157	13.5%	14	1.2%	2	0.2%	1,166	2.8%
Northeastern Vermont Regional Hospital	444	43.4%	236	23.1%	-	0.0%	4	0.4%	322	31.5%	16	1.6%	-	0.0%	1,022	2.5%
Northwestern Medical Center	1,000	55.9%	371	20.7%	17	1.0%	4	0.2%	367	20.5%	29	1.6%	-	0.0%	1,788	4.4%
Porter Medical Center	392	41.3%	223	23.5%	-	0.0%	-	0.0%	320	33.7%	14	1.5%	-	0.0%	949	2.3%
Rutland Regional Medical Center	3,236	58.9%	1,187	21.6%	-	0.0%	14	0.3%	1,002	18.2%	58	1.1%	-	0.0%	5,497	13.4%
Southwestern Vermont Medical Center	1,686	60.5%	477	17.1%	94	3.4%	4	0.1%	509	18.3%	17	0.6%	-	0.0%	2,787	6.8%
Springfield Hospital	593	63.8%	132	14.2%	7	0.8%	2	0.2%	174	18.7%	22	2.4%	-	0.0%	930	2.3%
University of Vermont Medical Center	8,762	47.0%	3,028	16.2%	255	1.4%	55	0.3%	6,219	33.3%	196	1.1%	145	0.8%	18,660	45.5%
Total	21,811	53.1%	7,248	17.7%	449	1.1%	120	0.3%	10,788	26.3%	490	1.2%	147	0.4%	41,053	100.0%

"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-6
2020 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%		
Certain Infectious and Parasitic Diseases	1,712	65.6%	381	14.6%	39	1.5%	2	0.1%	443	17.0%	28	1.1%	4	0.2%	2,609	6.4%
Neoplasms	855	55.4%	153	9.9%	21	1.4%	1	0.1%	503	32.6%	9	0.6%	2	0.1%	1,544	3.8%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	275	62.4%	55	12.5%	6	1.4%	1	0.2%	99	22.4%	2	0.5%	3	0.7%	441	1.1%
Endocrine, Nutritional and Metabolic Diseases	779	53.9%	285	19.7%	23	1.6%	1	0.1%	332	23.0%	23	1.6%	3	0.2%	1,446	3.5%
Mental, Behavioral and Neurodevelopmental Disorders	752	31.9%	1,034	43.8%	15	0.6%	-	0.0%	508	21.5%	48	2.0%	2	0.1%	2,359	5.7%
Diseases of the Nervous System	771	62.2%	167	13.5%	7	0.6%	2	0.2%	272	22.0%	15	1.2%	5	0.4%	1,239	3.0%
Diseases of the Eye and Adnexa	14	48.3%	4	13.8%	-	0.0%	-	0.0%	11	37.9%	-	0.0%	-	0.0%	29	0.1%
Diseases of the Ear and Mastoid Process	23	57.5%	4	10.0%	1	2.5%	-	0.0%	12	30.0%	-	0.0%	-	0.0%	40	0.1%
Diseases of the Circulatory System	5,254	71.4%	535	7.3%	92	1.3%	4	0.1%	1,377	18.7%	86	1.2%	11	0.1%	7,359	17.9%
Diseases of the Respiratory System	2,301	68.4%	502	14.9%	43	1.3%	-	0.0%	468	13.9%	48	1.4%	2	0.1%	3,364	8.2%
Diseases of the Digestive System	2,247	51.9%	727	16.8%	52	1.2%	2	0.0%	1,211	28.0%	77	1.8%	11	0.3%	4,327	10.5%
Diseases of the Skin and Subcutaneous Tissue	376	52.0%	187	25.9%	2	0.3%	6	0.8%	132	18.3%	18	2.5%	2	0.3%	723	1.8%
Diseases of the Musculoskeletal System and Connective Tissue	1,762	57.4%	301	9.8%	36	1.2%	33	1.1%	917	29.9%	10	0.3%	13	0.4%	3,072	7.5%
Diseases of the Genitourinary System	1,262	69.7%	205	11.3%	23	1.3%	-	0.0%	303	16.7%	17	0.9%	1	0.1%	1,811	4.4%
Pregnancy, Childbirth and the Puerperium	41	0.8%	1,951	39.7%	25	0.5%	2	0.0%	2,855	58.0%	37	0.8%	9	0.2%	4,920	12.0%
Certain Conditions Originating in the Perinatal Period	-	0.0%	1	33.3%	-	0.0%	-	0.0%	1	33.3%	1	33.3%	-	0.0%	3	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	14	11.9%	46	39.0%	1	0.8%	-	0.0%	57	48.3%	-	0.0%	-	0.0%	118	0.3%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	728	68.3%	133	12.5%	13	1.2%	3	0.3%	174	16.3%	11	1.0%	4	0.4%	1,066	2.6%
Injury, Poisoning and Certain Other Consequences of External Causes	2,226	59.3%	474	12.6%	46	1.2%	62	1.7%	817	21.8%	53	1.4%	75	2.0%	3,753	9.1%
External Causes of Morbidity	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Factors Influencing Health Status and Contact with Health Services	419	50.5%	103	12.4%	4	0.5%	1	0.1%	296	35.7%	7	0.8%	-	0.0%	830	2.0%
Total	21,811	53.1%	7,248	17.7%	449	1.1%	120	0.3%	10,788	26.3%	490	1.2%	147	0.4%	41,053	100.0%

"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
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Percent Readmitted within 30 days by Vermont Hospital and State of Residence
2016 - 2020

Vermont Hospital	2016				2017				2018				2019				2020			
	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	1,336	6.9%	261	3.1%	1,439	6.0%	332	5.1%	1,358	6.9%	339	6.8%	1,493	7.8%	367	5.4%	1,158	8.1%	293	8.2%
Central Vermont Medical Center	4,106	11.6%	73	2.7%	3,932	11.9%	80	2.5%	3,721	11.4%	66	4.5%	3,729	11.0%	79	5.1%	3,313	12.6%	61	13.1%
Copley Hospital	1,677	8.1%	74	2.7%	1,706	7.3%	72	5.6%	1,684	5.8%	88	1.1%	1,625	4.9%	62	4.8%	1,475	8.1%	42	0.0%
Gifford Medical Center	1,435	10.5%	19	0.0%	1,302	9.1%	19	0.0%	1,298	9.1%	15	0.0%	1,313	8.1%	21	9.5%	1,118	9.7%	30	6.7%
Grace Cottage Family Health & Hospital	110	2.7%	8	0.0%	139	6.5%	11	0.0%	120	1.7%	4	0.0%	133	4.5%	2	0.0%	111	8.1%	2	0.0%
Mt. Ascutney Hospital and Health Center	696	6.8%	269	7.8%	776	7.0%	252	5.2%	700	7.3%	262	6.5%	778	8.2%	297	4.7%	672	8.6%	246	6.9%
North Country Hospital	1,553	9.7%	41	4.9%	1,484	9.4%	47	6.4%	1,472	7.6%	30	0.0%	1,282	8.7%	16	0.0%	1,165	9.4%	17	0.0%
Northeastern Vermont Regional Hospital	1,335	7.3%	39	5.1%	1,321	7.1%	54	9.3%	1,276	9.0%	58	5.2%	1,249	6.0%	44	0.0%	992	6.4%	30	0.0%
Northwestern Medical Center	2,576	9.0%	20	0.0%	2,319	8.2%	30	3.3%	2,232	7.9%	28	0.0%	2,257	9.2%	30	6.7%	1,827	8.6%	21	0.0%
Porter Medical Center	1,294	6.0%	105	1.0%	1,000	3.6%	102	2.9%	1,044	5.4%	115	1.7%	1,153	5.8%	121	3.3%	854	5.4%	95	2.1%
Rutland Regional Medical Center	5,890	11.5%	470	9.6%	6,161	11.3%	478	6.7%	6,428	11.5%	445	8.3%	6,007	12.1%	435	6.4%	5,236	11.3%	387	9.8%
Southwestern Vermont Medical Center	2,349	11.3%	963	9.4%	2,309	10.3%	1,094	7.2%	2,396	12.5%	1,010	7.8%	2,458	11.4%	963	7.8%	1,990	10.8%	813	6.9%
Springfield Hospital	1,492	10.5%	300	2.7%	1,576	8.7%	322	5.3%	1,525	8.1%	297	8.1%	1,119	6.5%	199	8.5%	792	6.3%	151	11.3%
University of Vermont Medical Center	15,815	10.9%	3,572	8.6%	16,153	10.7%	3,594	8.7%	16,741	11.2%	3,464	7.7%	17,459	11.3%	3,569	7.5%	15,518	11.6%	3,143	10.6%
Total	41,664	10.3%	6,214	7.9%	41,617	9.9%	6,487	7.5%	41,995	10.2%	6,221	7.3%	42,055	10.2%	6,205	7.0%	36,221	10.6%	5,331	9.3%

	Total N	Readmissions		Total N	Readmissions	Total N	Readmissions		Total N	Readmissions	Total N	Readmissions			
		N	Pct				N	Pct				N	Pct	N	Pct
Total for All Discharges	47,878	4,785	10.0%	48,104	4,613	9.6%	48,216	4,735	9.8%	48,260	4,740	9.8%	41,552	4,331	10.4%

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.

Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table I-8
2020 Vermont Hospital Inpatient Discharges, including VT Residents and Non-residents
Median Charges for Readmissions within 30 days by Vermont Hospital and State of Residence
2016 - 2020

Vermont Hospital	2016				2017				2018				2019				2020			
	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	92	\$ 15,811	8	\$ 17,963	87	\$ 14,481	17	\$ 9,727	94	\$ 16,447	23	\$ 12,089	116	\$ 16,031	20	\$ 18,534	94	\$ 19,991	24	\$ 17,257
Central Vermont Medical Center	477	\$ 15,675	2	\$ 14,777	466	\$ 16,761	2	\$ 15,760	424	\$ 16,409	3	\$ 15,345	412	\$ 18,665	4	\$ 23,382	418	\$ 18,306	8	\$ 14,875
Copley Hospital	135	\$ 7,750	2	\$ 9,381	125	\$ 8,035	4	\$ 9,123	97	\$ 7,878	1	\$ 4,726	79	\$ 8,747	3	\$ 61,645	120	\$ 8,690	-	-
Gifford Medical Center	151	\$ 14,822	-	-	119	\$ 17,124	-	-	118	\$ 16,164	-	\$ 2,525	107	\$ 16,485	2	\$ 17,443	108	\$ 17,495	2	\$ 9,220
Grace Cottage Family Health & Hospital	3	\$ 7,187	-	-	9	\$ 9,980	-	-	2	\$ 13,286	-	-	6	\$ 16,369	-	-	9	\$ 17,853	-	-
Mt. Ascutney Hospital and Health Center	47	\$ 12,564	21	\$ 19,812	54	\$ 13,899	13	\$ 12,370	51	\$ 15,281	17	\$ 18,833	64	\$ 19,492	14	\$ 10,959	58	\$ 18,043	17	\$ 13,239
North Country Hospital	151	\$ 19,348	2	\$ 14,342	139	\$ 21,860	3	\$ 22,981	112	\$ 16,057	-	-	112	\$ 20,530	-	-	110	\$ 19,324	-	-
Northeastern Vermont Regional Hospital	98	\$ 15,477	2	\$ 28,636	94	\$ 17,383	5	\$ 36,089	115	\$ 26,092	3	\$ 20,768	75	\$ 30,241	-	-	63	\$ 26,352	-	-
Northwestern Medical Center	233	\$ 10,514	-	-	190	\$ 10,941	1	\$ 24,297	176	\$ 11,418	-	-	207	\$ 10,244	2	\$ 6,765	157	\$ 13,368	-	-
Porter Medical Center	78	\$ 14,930	1	\$ 6,425	36	\$ 18,021	3	\$ 37,944	56	\$ 14,405	2	\$ 15,475	67	\$ 13,169	4	\$ 17,442	46	\$ 14,991	2	\$ 4,543
Rutland Regional Medical Center	678	\$ 19,979	45	\$ 15,951	695	\$ 18,701	32	\$ 23,855	740	\$ 18,294	37	\$ 21,209	729	\$ 19,428	28	\$ 19,243	592	\$ 20,834	38	\$ 17,251
Southwestern Vermont Medical Center	266	\$ 13,597	91	\$ 14,348	238	\$ 14,326	79	\$ 15,327	300	\$ 15,293	79	\$ 14,932	279	\$ 16,241	75	\$ 15,443	214	\$ 16,444	56	\$ 15,296
Springfield Hospital	156	\$ 15,069	8	\$ 12,355	137	\$ 11,886	17	\$ 13,541	124	\$ 15,343	24	\$ 11,887	73	\$ 15,244	17	\$ 20,609	50	\$ 15,640	17	\$ 23,906
University of Vermont Medical Center	1,730	\$ 21,694	308	\$ 28,654	1,735	\$ 22,961	313	\$ 29,854	1,869	\$ 24,830	268	\$ 26,109	1,977	\$ 25,711	268	\$ 29,867	1,794	\$ 28,026	334	\$ 31,311
Total	4,295	\$ 17,122	490	\$ 19,485	4,124	\$ 18,198	489	\$ 23,082	4,278	\$ 19,077	457	\$ 20,397	4,303	\$ 20,298	437	\$ 21,801	3,833	\$ 21,557	498	\$ 24,653
Total Readmissions	Total N		Total N		Total N		Total N		Total N		Total N		Total N		Total N		Total N		Total N	
	4,785		4,613		4,735		4,735		4,740		4,740		4,331		4,331		4,331		4,331	
	\$17,359		\$18,536		\$19,208		\$19,208		\$20,403		\$20,403		\$21,930		\$21,930		\$21,930		\$21,930	

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.

Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table I-9
2020 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	1,158	\$ 25,922,212	293	\$ 6,489,597	1,451	\$ 32,411,809
Central Vermont Medical Center	3,313	\$ 79,778,908	61	\$ 1,159,543	3,374	\$ 80,938,451
Copley Hospital	1,475	\$ 33,396,693	42	\$ 1,230,769	1,517	\$ 34,627,462
Gifford Medical Center	1,118	\$ 25,099,681	30	\$ 673,146	1,148	\$ 25,772,827
Grace Cottage Family Health & Hospital	111	\$ 2,423,462	2	\$ 14,867	113	\$ 2,438,329
Mt. Ascutney Hospital and Health Center	672	\$ 19,665,856	246	\$ 7,387,327	918	\$ 27,053,182
North Country Hospital	1,165	\$ 31,898,199	17	\$ 451,979	1,182	\$ 32,350,178
Northeastern Vermont Regional Hospital	992	\$ 31,655,439	30	\$ 692,188	1,022	\$ 32,347,628
Northwestern Medical Center	1,827	\$ 33,274,252	21	\$ 366,798	1,848	\$ 33,641,050
Porter Medical Center	854	\$ 19,125,881	95	\$ 2,032,638	949	\$ 21,158,519
Rutland Regional Medical Center	5,236	\$ 162,689,377	387	\$ 11,844,838	5,623	\$ 174,534,215
Southwestern Vermont Medical Center	1,990	\$ 40,643,617	813	\$ 16,853,831	2,803	\$ 57,497,448
Springfield Hospital	792	\$ 17,540,266	151	\$ 3,520,979	943	\$ 21,061,245
University of Vermont Medical Center	15,518	\$ 747,732,184	3,143	\$ 210,751,645	18,661	\$ 958,483,829
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
Total for 2017	41,617	\$ 1,200,053,816	6,487	\$ 266,837,030	48,104	\$ 1,466,890,846
Total for 2016	41,664	\$ 1,159,545,173	6,214	\$ 246,926,764	47,878	\$ 1,406,471,937

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.

Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Emergency Department Visits

Table E-1
2020 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents
Vermont Hospitals by Setting

Vermont Hospital	Inpatient Discharges Originating in ED		ED Visits Not Admitted		All ED Visits	
	N	Row%	N	Row%	N	Col%
Brattleboro Memorial Hospital	942	8.2%	10,612	91.8%	11,554	5.4%
Central Vermont Medical Center	2,878	14.2%	17,421	85.8%	20,299	9.5%
Copley Hospital	800	7.4%	9,942	92.6%	10,742	5.0%
Gifford Medical Center	723	13.4%	4,669	86.6%	5,392	2.5%
Grace Cottage Family Health & Hospital	90	3.5%	2,505	96.5%	2,595	1.2%
Mt. Ascutney Hospital and Health Center	278	6.1%	4,282	93.9%	4,560	2.1%
North Country Hospital	836	7.3%	10,666	92.7%	11,502	5.4%
Northeastern Vermont Regional Hospital	700	7.0%	9,309	93.0%	10,009	4.7%
Northwestern Medical Center	1,311	7.1%	17,275	92.9%	18,586	8.7%
Porter Medical Center	533	3.7%	13,752	96.3%	14,285	6.7%
Rutland Regional Medical Center	4,441	17.3%	21,160	82.7%	25,601	11.9%
Southwestern Vermont Medical Center	2,200	11.3%	17,337	88.7%	19,537	9.1%
Springfield Hospital	817	7.3%	10,415	92.7%	11,232	5.2%
University of Vermont Medical Center	10,232	21.0%	38,479	79.0%	48,711	22.7%
Total	26,781	12.5%	187,824	87.5%	214,605	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
2020 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents
Vermont Hospitals by Setting: Five-Year Comparison

Inpatient Discharges Originating in ED	2016	2017	2018	2019	2020
Brattleboro Memorial Hospital	927	1,082	1,137	1,221	942
Central Vermont Medical Center	3,456	3,298	3,152	3,236	2,878
Copley Hospital	961	996	967	812	800
Gifford Medical Center	969	888	816	807	723
Grace Cottage Family Health & Hospital	100	119	100	116	90
Mt. Ascutney Hospital and Health Center	243	264	248	308	278
North Country Hospital	1,029	976	968	901	836
Northeastern Vermont Regional Hospital	916	943	908	838	700
Northwestern Medical Center	1,765	1,611	1,593	1,671	1,311
Porter Medical Center	800	595	631	780	533
Rutland Regional Medical Center	4,747	5,014	5,247	5,031	4,441
Southwestern Vermont Medical Center	2,582	2,563	2,682	2,746	2,200
Springfield Hospital	1,322	1,446	1,353	983	817
University of Vermont Medical Center	9,457	9,652	10,262	11,027	10,232
Total	29,274	29,447	30,064	30,477	26,781
ED Visits Not Admitted	2016	2017	2018	2019	2020
Brattleboro Memorial Hospital	12,683	12,585	12,486	12,659	10,612
Central Vermont Medical Center	21,778	21,322	21,698	21,882	17,421
Copley Hospital	12,533	11,498	12,143	12,053	9,942
Gifford Medical Center	6,558	5,962	5,989	5,800	4,669
Grace Cottage Family Health & Hospital	2,815	2,806	2,917	2,932	2,505
Mt. Ascutney Hospital and Health Center	4,346	4,507	4,320	4,685	4,282
North Country Hospital	14,472	14,529	14,038	14,459	10,666
Northeastern Vermont Regional Hospital	12,965	12,987	13,628	13,521	9,309
Northwestern Medical Center	23,079	21,963	22,172	22,495	17,275
Porter Medical Center	13,420	13,935	17,505	19,164	13,752
Rutland Regional Medical Center	28,621	27,863	26,774	25,384	21,160
Southwestern Vermont Medical Center	20,514	20,311	20,534	20,874	17,337
Springfield Hospital	15,426	14,640	15,003	13,198	10,415
University of Vermont Medical Center	47,163	46,875	46,625	47,412	38,479
Total	236,373	231,783	235,832	236,518	187,824

Table E-2
2020 Vermont Hospital Emergency Department Visits, including VT Residents and Non-Residents
Vermont Hospitals by Setting: Five-Year Comparison

All ED Visits, Including Those Admitted	2016	2017	2018	2019	2020
Brattleboro Memorial Hospital	13,610	13,667	13,623	13,880	11,554
Central Vermont Medical Center	25,234	24,620	24,850	25,118	20,299
Copley Hospital	13,494	12,494	13,110	12,865	10,742
Gifford Medical Center	7,527	6,850	6,805	6,607	5,392
Grace Cottage Family Health & Hospital	2,915	2,925	3,017	3,048	2,595
Mt. Ascutney Hospital and Health Center	4,589	4,771	4,568	4,993	4,560
North Country Hospital	15,501	15,505	15,006	15,360	11,502
Northeastern Vermont Regional Hospital	13,881	13,930	14,536	14,359	10,009
Northwestern Medical Center	24,844	23,574	23,765	24,166	18,586
Porter Medical Center	14,220	14,530	18,136	19,944	14,285
Rutland Regional Medical Center	33,368	32,877	32,021	30,415	25,601
Southwestern Vermont Medical Center	23,096	22,874	23,216	23,620	19,537
Springfield Hospital	16,748	16,086	16,356	14,181	11,232
University of Vermont Medical Center	56,620	56,527	56,887	58,439	48,711
Total	265,647	261,230	265,896	266,995	214,605

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table E-3
2020 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%
All Vermont Hospitals						
Certain Infectious and Parasitic Diseases	2,397	48.4%	2,555	51.6%	4,952	2.3%
Neoplasms	738	62.9%	436	37.1%	1,174	0.5%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	381	38.7%	603	61.3%	984	0.5%
Endocrine, Nutritional and Metabolic Diseases	1,144	27.8%	2,964	72.2%	4,108	1.9%
Mental, Behavioral and Neurodevelopmental Disorders	1,999	16.2%	10,348	83.8%	12,347	5.8%
Diseases of the Nervous System	964	11.7%	7,288	88.3%	8,252	3.8%
Diseases of the Eye and Adnexa	26	1.5%	1,704	98.5%	1,730	0.8%
Diseases of the Ear and Mastoid Process	38	1.4%	2,719	98.6%	2,757	1.3%
Diseases of the Circulatory System	5,235	25.5%	15,298	74.5%	20,533	9.6%
Diseases of the Respiratory System	3,062	18.5%	13,473	81.5%	16,535	7.7%
Diseases of the Digestive System	3,760	23.4%	12,277	76.6%	16,037	7.5%
Diseases of the Skin and Subcutaneous Tissue	650	9.1%	6,478	90.9%	7,128	3.3%
Diseases of the Musculoskeletal System and Connective Tissue	762	5.1%	14,286	94.9%	15,048	7.0%
Diseases of the Genitourinary System	1,521	14.1%	9,254	85.9%	10,775	5.0%
Pregnancy, Childbirth and the Puerperium	108	4.8%	2,139	95.2%	2,247	1.0%
Certain Conditions Originating in the Perinatal Period	0	0.0%	78	100.0%	78	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	35	41.2%	50	58.8%	85	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	917	2.5%	35,683	97.5%	36,600	17.1%
Injury, Poisoning and Certain Other Consequences of External Causes	2,948	6.0%	46,053	94.0%	49,001	22.8%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	96	2.3%	4,138	97.7%	4,234	2.0%
Total	26,781	12.5%	187,824	87.5%	214,605	100.0%

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-3
2020 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%
Brattleboro Memorial Hospital						
Certain Infectious and Parasitic Diseases	79	32.2%	166	67.8%	245	2.1%
Neoplasms	17	31.5%	37	68.5%	54	0.5%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	12	26.7%	33	73.3%	45	0.4%
Endocrine, Nutritional and Metabolic Diseases	60	24.0%	190	76.0%	250	2.2%
Mental, Behavioral and Neurodevelopmental Disorders	39	4.1%	912	95.9%	951	8.2%
Diseases of the Nervous System	23	5.1%	424	94.9%	447	3.9%
Diseases of the Eye and Adnexa	0	0.0%	75	100.0%	75	0.6%
Diseases of the Ear and Mastoid Process	0	0.0%	112	100.0%	112	1.0%
Diseases of the Circulatory System	189	15.5%	1,033	84.5%	1,222	10.6%
Diseases of the Respiratory System	127	16.3%	652	83.7%	779	6.7%
Diseases of the Digestive System	143	18.6%	626	81.4%	769	6.7%
Diseases of the Skin and Subcutaneous Tissue	59	15.6%	320	84.4%	379	3.3%
Diseases of the Musculoskeletal System and Connective Tissue	14	2.0%	670	98.0%	684	5.9%
Diseases of the Genitourinary System	66	13.5%	423	86.5%	489	4.2%
Pregnancy, Childbirth and the Puerperium	5	3.6%	133	96.4%	138	1.2%
Certain Conditions Originating in the Perinatal Period	0	0.0%	4	100.0%	4	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	2	100.0%	2	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	24	1.3%	1,815	98.7%	1,839	15.9%
Injury, Poisoning and Certain Other Consequences of External Causes	83	3.1%	2,622	96.9%	2,705	23.4%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	2	0.5%	363	99.5%	365	3.2%
Total	942	8.2%	10,612	91.8%	11,554	100.0%

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-3
2020 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%
Central Vermont Medical Center						
Certain Infectious and Parasitic Diseases	495	65.4%	262	34.6%	757	3.7%
Neoplasms	54	52.9%	48	47.1%	102	0.5%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	59	49.6%	60	50.4%	119	0.6%
Endocrine, Nutritional and Metabolic Diseases	130	34.2%	250	65.8%	380	1.9%
Mental, Behavioral and Neurodevelopmental Disorders	346	22.7%	1,181	77.3%	1,527	7.5%
Diseases of the Nervous System	87	10.4%	746	89.6%	833	4.1%
Diseases of the Eye and Adnexa	1	0.7%	136	99.3%	137	0.7%
Diseases of the Ear and Mastoid Process	5	2.7%	178	97.3%	183	0.9%
Diseases of the Circulatory System	521	24.4%	1,611	75.6%	2,132	10.5%
Diseases of the Respiratory System	258	17.4%	1,224	82.6%	1,482	7.3%
Diseases of the Digestive System	336	22.9%	1,130	77.1%	1,466	7.2%
Diseases of the Skin and Subcutaneous Tissue	79	12.0%	581	88.0%	660	3.3%
Diseases of the Musculoskeletal System and Connective Tissue	107	6.7%	1,482	93.3%	1,589	7.8%
Diseases of the Genitourinary System	122	12.3%	871	87.7%	993	4.9%
Pregnancy, Childbirth and the Puerperium	11	5.7%	182	94.3%	193	1.0%
Certain Conditions Originating in the Perinatal Period	0	0.0%	8	100.0%	8	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	2	100.0%	2	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	80	2.2%	3,481	97.8%	3,561	17.5%
Injury, Poisoning and Certain Other Consequences of External Causes	175	4.4%	3,782	95.6%	3,957	19.5%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	12	5.5%	206	94.5%	218	1.1%
Total	2,878	14.2%	17,421	85.8%	20,299	100.0%

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-3
2020 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%
Copley Hospital						
Certain Infectious and Parasitic Diseases	24	13.6%	153	86.4%	177	1.6%
Neoplasms	20	42.6%	27	57.4%	47	0.4%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	1	5.9%	16	94.1%	17	0.2%
Endocrine, Nutritional and Metabolic Diseases	27	17.6%	126	82.4%	153	1.4%
Mental, Behavioral and Neurodevelopmental Disorders	21	5.5%	362	94.5%	383	3.6%
Diseases of the Nervous System	26	7.7%	313	92.3%	339	3.2%
Diseases of the Eye and Adnexa	0	0.0%	80	100.0%	80	0.7%
Diseases of the Ear and Mastoid Process	0	0.0%	183	100.0%	183	1.7%
Diseases of the Circulatory System	135	15.6%	733	84.4%	868	8.1%
Diseases of the Respiratory System	126	15.1%	709	84.9%	835	7.8%
Diseases of the Digestive System	151	20.7%	577	79.3%	728	6.8%
Diseases of the Skin and Subcutaneous Tissue	26	7.0%	343	93.0%	369	3.4%
Diseases of the Musculoskeletal System and Connective Tissue	33	4.1%	779	95.9%	812	7.6%
Diseases of the Genitourinary System	74	14.0%	456	86.0%	530	4.9%
Pregnancy, Childbirth and the Puerperium	2	1.8%	108	98.2%	110	1.0%
Certain Conditions Originating in the Perinatal Period	0	0.0%	6	100.0%	6	0.1%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	0	0.0%	0	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	28	1.9%	1,464	98.1%	1,492	13.9%
Injury, Poisoning and Certain Other Consequences of External Causes	105	3.3%	3,119	96.7%	3,224	30.0%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	1	0.3%	388	99.7%	389	3.6%
Total	800	7.4%	9,942	92.6%	10,742	100.0%

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-3
2020 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%
Gifford Medical Center						
Certain Infectious and Parasitic Diseases	21	25.6%	61	74.4%	82	1.5%
Neoplasms	12	57.1%	9	42.9%	21	0.4%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	17	63.0%	10	37.0%	27	0.5%
Endocrine, Nutritional and Metabolic Diseases	35	41.7%	49	58.3%	84	1.6%
Mental, Behavioral and Neurodevelopmental Disorders	22	11.7%	166	88.3%	188	3.5%
Diseases of the Nervous System	29	16.6%	146	83.4%	175	3.2%
Diseases of the Eye and Adnexa	1	3.2%	30	96.8%	31	0.6%
Diseases of the Ear and Mastoid Process	1	1.0%	99	99.0%	100	1.9%
Diseases of the Circulatory System	153	32.3%	320	67.7%	473	8.8%
Diseases of the Respiratory System	91	18.3%	406	81.7%	497	9.2%
Diseases of the Digestive System	123	29.1%	299	70.9%	422	7.8%
Diseases of the Skin and Subcutaneous Tissue	26	13.2%	171	86.8%	197	3.7%
Diseases of the Musculoskeletal System and Connective Tissue	20	5.8%	326	94.2%	346	6.4%
Diseases of the Genitourinary System	69	25.7%	199	74.3%	268	5.0%
Pregnancy, Childbirth and the Puerperium	0	0.0%	46	100.0%	46	0.9%
Certain Conditions Originating in the Perinatal Period	0	0.0%	3	100.0%	3	0.1%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	0	0.0%	0	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	68	8.4%	741	91.6%	809	15.0%
Injury, Poisoning and Certain Other Consequences of External Causes	35	2.3%	1,474	97.7%	1,509	28.0%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	0	0.0%	114	100.0%	114	2.1%
Total	723	13.4%	4,669	86.6%	5,392	100.0%

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Table E-3
2020 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%
Grace Cottage Family Health & Hospital						
Certain Infectious and Parasitic Diseases	3	8.6%	32	91.4%	35	1.3%
Neoplasms	1	10.0%	9	90.0%	10	0.4%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	3	27.3%	8	72.7%	11	0.4%
Endocrine, Nutritional and Metabolic Diseases	6	12.2%	43	87.8%	49	1.9%
Mental, Behavioral and Neurodevelopmental Disorders	1	1.2%	84	98.8%	85	3.3%
Diseases of the Nervous System	0	0.0%	78	100.0%	78	3.0%
Diseases of the Eye and Adnexa	0	0.0%	25	100.0%	25	1.0%
Diseases of the Ear and Mastoid Process	0	0.0%	50	100.0%	50	1.9%
Diseases of the Circulatory System	12	6.4%	176	93.6%	188	7.2%
Diseases of the Respiratory System	22	9.6%	208	90.4%	230	8.9%
Diseases of the Digestive System	13	7.1%	170	92.9%	183	7.1%
Diseases of the Skin and Subcutaneous Tissue	2	2.3%	85	97.7%	87	3.4%
Diseases of the Musculoskeletal System and Connective Tissue	4	2.5%	153	97.5%	157	6.1%
Diseases of the Genitourinary System	6	6.0%	94	94.0%	100	3.9%
Pregnancy, Childbirth and the Puerperium	0	0.0%	6	100.0%	6	0.2%
Certain Conditions Originating in the Perinatal Period	0	0.0%	0	0.0%	0	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	1	100.0%	1	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	8	1.9%	421	98.1%	429	16.5%
Injury, Poisoning and Certain Other Consequences of External Causes	8	1.0%	819	99.0%	827	31.9%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	1	2.3%	43	97.7%	44	1.7%
Total	90	3.5%	2,505	96.5%	2,595	100.0%

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Table E-3
2020 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%
Mt. Ascutney Hospital and Health Center						
Certain Infectious and Parasitic Diseases	9	16.4%	46	83.6%	55	1.2%
Neoplasms	1	7.1%	13	92.9%	14	0.3%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	5	50.0%	5	50.0%	10	0.2%
Endocrine, Nutritional and Metabolic Diseases	7	7.4%	88	92.6%	95	2.1%
Mental, Behavioral and Neurodevelopmental Disorders	1	0.5%	185	99.5%	186	4.1%
Diseases of the Nervous System	5	4.1%	116	95.9%	121	2.7%
Diseases of the Eye and Adnexa	2	4.2%	46	95.8%	48	1.1%
Diseases of the Ear and Mastoid Process	1	1.1%	89	98.9%	90	2.0%
Diseases of the Circulatory System	54	14.6%	316	85.4%	370	8.1%
Diseases of the Respiratory System	55	14.0%	338	86.0%	393	8.6%
Diseases of the Digestive System	54	12.9%	363	87.1%	417	9.1%
Diseases of the Skin and Subcutaneous Tissue	11	4.7%	222	95.3%	233	5.1%
Diseases of the Musculoskeletal System and Connective Tissue	4	1.2%	339	98.8%	343	7.5%
Diseases of the Genitourinary System	25	10.7%	208	89.3%	233	5.1%
Pregnancy, Childbirth and the Puerperium	0	0.0%	24	100.0%	24	0.5%
Certain Conditions Originating in the Perinatal Period	0	0.0%	1	100.0%	1	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	1	100.0%	1	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	28	4.1%	649	95.9%	677	14.8%
Injury, Poisoning and Certain Other Consequences of External Causes	11	0.9%	1,197	99.1%	1,208	26.5%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	5	12.2%	36	87.8%	41	0.9%
Total	278	6.1%	4,282	93.9%	4,560	100.0%

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Table E-3
2020 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%
North Country Hospital						
Certain Infectious and Parasitic Diseases	21	9.4%	202	90.6%	223	1.9%
Neoplasms	14	40.0%	21	60.0%	35	0.3%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	7	18.4%	31	81.6%	38	0.3%
Endocrine, Nutritional and Metabolic Diseases	45	21.5%	164	78.5%	209	1.8%
Mental, Behavioral and Neurodevelopmental Disorders	9	2.5%	356	97.5%	365	3.2%
Diseases of the Nervous System	16	4.6%	335	95.4%	351	3.1%
Diseases of the Eye and Adnexa	0	0.0%	114	100.0%	114	1.0%
Diseases of the Ear and Mastoid Process	0	0.0%	253	100.0%	253	2.2%
Diseases of the Circulatory System	187	19.3%	783	80.7%	970	8.4%
Diseases of the Respiratory System	157	13.0%	1,052	87.0%	1,209	10.5%
Diseases of the Digestive System	130	15.5%	710	84.5%	840	7.3%
Diseases of the Skin and Subcutaneous Tissue	30	6.7%	418	93.3%	448	3.9%
Diseases of the Musculoskeletal System and Connective Tissue	11	1.2%	907	98.8%	918	8.0%
Diseases of the Genitourinary System	77	12.3%	548	87.7%	625	5.4%
Pregnancy, Childbirth and the Puerperium	2	3.6%	53	96.4%	55	0.5%
Certain Conditions Originating in the Perinatal Period	0	0.0%	2	100.0%	2	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	1	16.7%	5	83.3%	6	0.1%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	60	3.5%	1,674	96.5%	1,734	15.1%
Injury, Poisoning and Certain Other Consequences of External Causes	66	2.3%	2,842	97.7%	2,908	25.3%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	3	1.5%	196	98.5%	199	1.7%
Total	836	7.3%	10,666	92.7%	11,502	100.0%

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Table E-3
2020 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%
Northeastern Vermont Regional Hospital						
Certain Infectious and Parasitic Diseases	64	46.4%	74	53.6%	138	1.4%
Neoplasms	7	26.9%	19	73.1%	26	0.3%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	3	15.0%	17	85.0%	20	0.2%
Endocrine, Nutritional and Metabolic Diseases	28	11.4%	218	88.6%	246	2.5%
Mental, Behavioral and Neurodevelopmental Disorders	58	14.4%	346	85.6%	404	4.0%
Diseases of the Nervous System	14	5.3%	249	94.7%	263	2.6%
Diseases of the Eye and Adnexa	1	1.0%	95	99.0%	96	1.0%
Diseases of the Ear and Mastoid Process	0	0.0%	179	100.0%	179	1.8%
Diseases of the Circulatory System	112	15.8%	599	84.2%	711	7.1%
Diseases of the Respiratory System	96	11.7%	724	88.3%	820	8.2%
Diseases of the Digestive System	127	19.7%	519	80.3%	646	6.5%
Diseases of the Skin and Subcutaneous Tissue	16	4.8%	316	95.2%	332	3.3%
Diseases of the Musculoskeletal System and Connective Tissue	16	2.0%	780	98.0%	796	8.0%
Diseases of the Genitourinary System	51	9.3%	499	90.7%	550	5.5%
Pregnancy, Childbirth and the Puerperium	5	4.6%	103	95.4%	108	1.1%
Certain Conditions Originating in the Perinatal Period	0	0.0%	1	100.0%	1	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	2	100.0%	2	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	31	1.6%	1,910	98.4%	1,941	19.4%
Injury, Poisoning and Certain Other Consequences of External Causes	70	2.6%	2,623	97.4%	2,693	26.9%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	1	2.7%	36	97.3%	37	0.4%
Total	700	7.0%	9,309	93.0%	10,009	100.0%

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Table E-3
2020 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%
Northwestern Medical Center						
Certain Infectious and Parasitic Diseases	59	22.1%	208	77.9%	267	1.4%
Neoplasms	26	45.6%	31	54.4%	57	0.3%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	28	29.8%	66	70.2%	94	0.5%
Endocrine, Nutritional and Metabolic Diseases	66	18.2%	297	81.8%	363	2.0%
Mental, Behavioral and Neurodevelopmental Disorders	27	3.6%	717	96.4%	744	4.0%
Diseases of the Nervous System	28	3.6%	751	96.4%	779	4.2%
Diseases of the Eye and Adnexa	0	0.0%	130	100.0%	130	0.7%
Diseases of the Ear and Mastoid Process	2	0.8%	246	99.2%	248	1.3%
Diseases of the Circulatory System	275	14.9%	1,566	85.1%	1,841	9.9%
Diseases of the Respiratory System	244	15.3%	1,354	84.7%	1,598	8.6%
Diseases of the Digestive System	288	16.3%	1,478	83.7%	1,766	9.5%
Diseases of the Skin and Subcutaneous Tissue	34	5.4%	600	94.6%	634	3.4%
Diseases of the Musculoskeletal System and Connective Tissue	22	1.4%	1,506	98.6%	1,528	8.2%
Diseases of the Genitourinary System	85	8.0%	977	92.0%	1,062	5.7%
Pregnancy, Childbirth and the Puerperium	2	0.9%	230	99.1%	232	1.2%
Certain Conditions Originating in the Perinatal Period	0	0.0%	8	100.0%	8	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	6	100.0%	6	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	41	1.3%	3,184	98.7%	3,225	17.4%
Injury, Poisoning and Certain Other Consequences of External Causes	83	2.2%	3,731	97.8%	3,814	20.5%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	1	0.5%	189	99.5%	190	1.0%
Total	1,311	7.1%	17,275	92.9%	18,586	100.0%

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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%
Porter Medical Center						
Certain Infectious and Parasitic Diseases	97	41.1%	139	58.9%	236	1.7%
Neoplasms	7	46.7%	8	53.3%	15	0.1%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	6	13.6%	38	86.4%	44	0.3%
Endocrine, Nutritional and Metabolic Diseases	17	10.0%	153	90.0%	170	1.2%
Mental, Behavioral and Neurodevelopmental Disorders	31	7.1%	405	92.9%	436	3.1%
Diseases of the Nervous System	14	3.3%	411	96.7%	425	3.0%
Diseases of the Eye and Adnexa	0	0.0%	206	100.0%	206	1.4%
Diseases of the Ear and Mastoid Process	0	0.0%	500	100.0%	500	3.5%
Diseases of the Circulatory System	87	11.9%	646	88.1%	733	5.1%
Diseases of the Respiratory System	64	4.1%	1,504	95.9%	1,568	11.0%
Diseases of the Digestive System	81	9.4%	785	90.6%	866	6.1%
Diseases of the Skin and Subcutaneous Tissue	18	2.6%	668	97.4%	686	4.8%
Diseases of the Musculoskeletal System and Connective Tissue	21	1.8%	1,137	98.2%	1,158	8.1%
Diseases of the Genitourinary System	18	2.7%	639	97.3%	657	4.6%
Pregnancy, Childbirth and the Puerperium	2	1.7%	116	98.3%	118	0.8%
Certain Conditions Originating in the Perinatal Period	0	0.0%	2	100.0%	2	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	1	100.0%	1	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	40	1.6%	2,459	98.4%	2,499	17.5%
Injury, Poisoning and Certain Other Consequences of External Causes	30	0.8%	3,553	99.2%	3,583	25.1%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	0	0.0%	382	100.0%	382	2.7%
Total	533	3.7%	13,752	96.3%	14,285	100.0%

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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%
Rutland Regional Medical Center						
Certain Infectious and Parasitic Diseases	434	63.5%	249	36.5%	683	2.7%
Neoplasms	128	63.7%	73	36.3%	201	0.8%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	61	48.8%	64	51.2%	125	0.5%
Endocrine, Nutritional and Metabolic Diseases	184	30.0%	430	70.0%	614	2.4%
Mental, Behavioral and Neurodevelopmental Disorders	710	38.6%	1,129	61.4%	1,839	7.2%
Diseases of the Nervous System	139	14.5%	821	85.5%	960	3.7%
Diseases of the Eye and Adnexa	0	0.0%	175	100.0%	175	0.7%
Diseases of the Ear and Mastoid Process	9	3.5%	245	96.5%	254	1.0%
Diseases of the Circulatory System	700	28.7%	1,739	71.3%	2,439	9.5%
Diseases of the Respiratory System	481	26.2%	1,356	73.8%	1,837	7.2%
Diseases of the Digestive System	513	25.9%	1,464	74.1%	1,977	7.7%
Diseases of the Skin and Subcutaneous Tissue	93	11.0%	756	89.0%	849	3.3%
Diseases of the Musculoskeletal System and Connective Tissue	136	8.0%	1,564	92.0%	1,700	6.6%
Diseases of the Genitourinary System	302	21.7%	1,090	78.3%	1,392	5.4%
Pregnancy, Childbirth and the Puerperium	15	5.3%	266	94.7%	281	1.1%
Certain Conditions Originating in the Perinatal Period	0	0.0%	6	100.0%	6	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	2	28.6%	5	71.4%	7	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	103	2.5%	3,987	97.5%	4,090	16.0%
Injury, Poisoning and Certain Other Consequences of External Causes	393	7.0%	5,232	93.0%	5,625	22.0%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	38	6.9%	509	93.1%	547	2.1%
Total	4,441	17.3%	21,160	82.7%	25,601	100.0%

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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%
Southwestern Vermont Medical Center						
Certain Infectious and Parasitic Diseases	287	53.6%	248	46.4%	535	2.7%
Neoplasms	44	57.1%	33	42.9%	77	0.4%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	18	20.2%	71	79.8%	89	0.5%
Endocrine, Nutritional and Metabolic Diseases	101	32.6%	209	67.4%	310	1.6%
Mental, Behavioral and Neurodevelopmental Disorders	36	4.0%	869	96.0%	905	4.6%
Diseases of the Nervous System	80	10.8%	662	89.2%	742	3.8%
Diseases of the Eye and Adnexa	2	1.4%	140	98.6%	142	0.7%
Diseases of the Ear and Mastoid Process	1	0.7%	133	99.3%	134	0.7%
Diseases of the Circulatory System	395	20.1%	1,574	79.9%	1,969	10.1%
Diseases of the Respiratory System	395	27.1%	1,060	72.9%	1,455	7.4%
Diseases of the Digestive System	286	18.9%	1,224	81.1%	1,510	7.7%
Diseases of the Skin and Subcutaneous Tissue	65	11.5%	500	88.5%	565	2.9%
Diseases of the Musculoskeletal System and Connective Tissue	41	3.2%	1,228	96.8%	1,269	6.5%
Diseases of the Genitourinary System	105	11.6%	804	88.4%	909	4.7%
Pregnancy, Childbirth and the Puerperium	5	1.5%	331	98.5%	336	1.7%
Certain Conditions Originating in the Perinatal Period	0	0.0%	6	100.0%	6	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	1	25.0%	3	75.0%	4	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	98	2.8%	3,441	97.2%	3,539	18.1%
Injury, Poisoning and Certain Other Consequences of External Causes	239	5.9%	3,812	94.1%	4,051	20.7%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	1	0.1%	989	99.9%	990	5.1%
Total	2,200	11.3%	17,337	88.7%	19,537	100.0%

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-3
2020 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%
Springfield Hospital						
Certain Infectious and Parasitic Diseases	36	14.1%	219	85.9%	255	2.3%
Neoplasms	4	16.7%	20	83.3%	24	0.2%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	17	27.9%	44	72.1%	61	0.5%
Endocrine, Nutritional and Metabolic Diseases	39	17.9%	179	82.1%	218	1.9%
Mental, Behavioral and Neurodevelopmental Disorders	59	8.9%	607	91.1%	666	5.9%
Diseases of the Nervous System	28	7.6%	341	92.4%	369	3.3%
Diseases of the Eye and Adnexa	0	0.0%	85	100.0%	85	0.8%
Diseases of the Ear and Mastoid Process	2	1.2%	159	98.8%	161	1.4%
Diseases of the Circulatory System	137	14.5%	811	85.5%	948	8.4%
Diseases of the Respiratory System	139	13.0%	927	87.0%	1,066	9.5%
Diseases of the Digestive System	115	12.7%	791	87.3%	906	8.1%
Diseases of the Skin and Subcutaneous Tissue	37	7.5%	455	92.5%	492	4.4%
Diseases of the Musculoskeletal System and Connective Tissue	28	4.8%	552	95.2%	580	5.2%
Diseases of the Genitourinary System	63	11.3%	494	88.7%	557	5.0%
Pregnancy, Childbirth and the Puerperium	0	0.0%	122	100.0%	122	1.1%
Certain Conditions Originating in the Perinatal Period	0	0.0%	6	100.0%	6	0.1%
Congenital Malformations, Deformations and Chromosomal Abnormalities	0	0.0%	0	0.0%	0	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	21	1.3%	1,618	98.7%	1,639	14.6%
Injury, Poisoning and Certain Other Consequences of External Causes	92	3.1%	2,863	96.9%	2,955	26.3%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	0	0.0%	122	100.0%	122	1.1%
Total	817	7.3%	10,415	92.7%	11,232	100.0%

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-3
2020 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%
University of Vermont Medical Center						
Certain Infectious and Parasitic Diseases	768	60.8%	496	39.2%	1,264	2.6%
Neoplasms	403	82.1%	88	17.9%	491	1.0%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	144	50.7%	140	49.3%	284	0.6%
Endocrine, Nutritional and Metabolic Diseases	399	41.3%	568	58.7%	967	2.0%
Mental, Behavioral and Neurodevelopmental Disorders	639	17.4%	3,029	82.6%	3,668	7.5%
Diseases of the Nervous System	475	20.0%	1,895	80.0%	2,370	4.9%
Diseases of the Eye and Adnexa	19	4.9%	367	95.1%	386	0.8%
Diseases of the Ear and Mastoid Process	17	5.5%	293	94.5%	310	0.6%
Diseases of the Circulatory System	2,278	40.2%	3,391	59.8%	5,669	11.6%
Diseases of the Respiratory System	807	29.2%	1,959	70.8%	2,766	5.7%
Diseases of the Digestive System	1,400	39.5%	2,141	60.5%	3,541	7.3%
Diseases of the Skin and Subcutaneous Tissue	154	12.9%	1,043	87.1%	1,197	2.5%
Diseases of the Musculoskeletal System and Connective Tissue	305	9.6%	2,863	90.4%	3,168	6.5%
Diseases of the Genitourinary System	458	19.0%	1,952	81.0%	2,410	4.9%
Pregnancy, Childbirth and the Puerperium	59	12.3%	419	87.7%	478	1.0%
Certain Conditions Originating in the Perinatal Period	0	0.0%	25	100.0%	25	0.1%
Congenital Malformations, Deformations and Chromosomal Abnormalities	31	58.5%	22	41.5%	53	0.1%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	287	3.1%	8,839	96.9%	9,126	18.7%
Injury, Poisoning and Certain Other Consequences of External Causes	1,558	15.7%	8,384	84.3%	9,942	20.4%
External Causes of Morbidity	0	0.0%	0	0.0%	0	0.0%
Factors Influencing Health Status and Contact with Health Services	31	5.2%	565	94.8%	596	1.2%
Total	10,232	21.0%	38,479	79.0%	48,711	100.0%

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-4
2020 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	1,018	4,307	2,781	683	555	544	724	8,106	2,506	10,612
Central Vermont Medical Center	1,732	6,838	4,759	1,090	938	798	1,266	13,329	4,092	17,421
Copley Hospital	1,293	4,200	2,382	521	553	387	606	7,875	2,067	9,942
Gifford Medical Center	590	1,929	1,082	280	263	196	329	3,601	1,068	4,669
Grace Cottage Family Health & Hospital	289	771	639	227	173	145	261	1,699	806	2,505
Mt. Ascutney Hospital and Health Center	421	1,480	1,087	327	304	258	405	2,988	1,294	4,282
North Country Hospital	1,352	4,226	2,525	629	561	502	871	8,103	2,563	10,666
Northeastern Vermont Regional Hospital	1,007	3,753	2,397	553	533	414	652	7,157	2,152	9,309
Northwestern Medical Center	1,879	6,878	4,616	892	981	757	1,272	13,373	3,902	17,275
Porter Medical Center	1,452	5,726	3,482	832	733	546	981	10,660	3,092	13,752
Rutland Regional Medical Center	1,907	8,247	5,923	1,335	1,240	960	1,548	16,077	5,083	21,160
Southwestern Vermont Medical Center	1,770	6,605	4,377	1,090	980	842	1,673	12,752	4,585	17,337
Springfield Hospital	1,118	4,164	2,632	675	588	490	748	7,914	2,501	10,415
University of Vermont Medical Center	3,543	17,283	9,572	2,219	1,764	1,496	2,602	30,398	8,081	38,479
Total	19,371	76,407	48,254	11,353	10,166	8,335	13,938	144,032	43,792	187,824

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
2020 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	2,726	26.8%	3,350	32.9%	72	0.7%	133	1.3%	2,989	29.3%	889	8.7%	29	0.3%	10,188	5.5%
Central Vermont Medical Center	5,198	29.9%	4,951	28.5%	254	1.5%	329	1.9%	5,792	33.3%	873	5.0%	-	0.0%	17,397	9.4%
Copley Hospital	2,383	24.0%	3,176	31.9%	77	0.8%	125	1.3%	3,550	35.7%	627	6.3%	4	0.0%	9,942	5.4%
Gifford Medical Center	1,198	28.0%	1,577	36.9%	-	0.0%	87	2.0%	1,075	25.2%	337	7.9%	-	0.0%	4,274	2.3%
Grace Cottage Family Health & Hospital	722	29.3%	566	23.0%	41	1.7%	26	1.1%	955	38.8%	153	6.2%	-	0.0%	2,463	1.3%
Mt. Ascutney Hospital and Health Center	1,467	34.3%	1,015	23.7%	-	0.0%	83	1.9%	1,411	33.0%	304	7.1%	2	0.0%	4,282	2.3%
North Country Hospital	3,166	30.8%	4,170	40.6%	138	1.3%	197	1.9%	2,159	21.0%	344	3.3%	107	1.0%	10,281	5.6%
Northeastern Vermont Regional Hospital	2,421	26.0%	3,237	34.8%	-	0.0%	132	1.4%	2,965	31.9%	554	6.0%	-	0.0%	9,309	5.0%
Northwestern Medical Center	4,942	29.9%	5,634	34.1%	221	1.3%	284	1.7%	4,161	25.2%	1,294	7.8%	-	0.0%	16,536	9.0%
Porter Medical Center	3,328	24.2%	3,552	25.8%	4	0.0%	135	1.0%	5,847	42.5%	777	5.7%	109	0.8%	13,752	7.4%
Rutland Regional Medical Center	6,664	32.5%	6,607	32.2%	-	0.0%	461	2.2%	5,768	28.1%	1,014	4.9%	3	0.0%	20,517	11.1%
Southwestern Vermont Medical Center	5,649	32.7%	5,650	32.7%	312	1.8%	212	1.2%	4,785	27.7%	644	3.7%	-	0.0%	17,252	9.3%
Springfield Hospital	3,390	34.0%	3,254	32.7%	69	0.7%	136	1.4%	2,280	22.9%	827	8.3%	2	0.0%	9,958	5.4%
University of Vermont Medical Center	9,909	25.8%	10,186	26.5%	457	1.2%	196	0.5%	14,885	38.7%	2,090	5.4%	741	1.9%	38,464	20.8%
Total	53,163	28.8%	56,925	30.8%	1,645	0.9%	2,536	1.4%	58,622	31.8%	10,727	5.8%	997	0.5%	184,615	100.0%

"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.

Table E-6
2020 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%
Certain Infectious and Parasitic Diseases	618	24.2%	934	36.6%	35	1.4%	2	0.1%	763	29.9%	199	7.8%	4	0.2%	2,555	1.4%
Neoplasms	188	43.1%	95	21.8%	8	1.8%	-	0.0%	129	29.6%	14	3.2%	2	0.5%	436	0.2%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	329	54.6%	110	18.2%	12	2.0%	-	0.0%	140	23.2%	12	2.0%	-	0.0%	603	0.3%
Endocrine, Nutritional and Metabolic Diseases	1,374	46.4%	748	25.2%	53	1.8%	2	0.1%	686	23.1%	94	3.2%	7	0.2%	2,964	1.6%
Mental, Behavioral and Neurodevelopmental Disorders	2,258	21.8%	5,053	48.8%	125	1.2%	3	0.0%	2,174	21.0%	716	6.9%	19	0.2%	10,348	5.5%
Diseases of the Nervous System	2,244	30.8%	2,251	30.9%	96	1.3%	40	0.5%	2,297	31.5%	335	4.6%	25	0.3%	7,288	3.9%
Diseases of the Eye and Adnexa	423	24.8%	469	27.5%	32	1.9%	32	1.9%	624	36.6%	114	6.7%	10	0.6%	1,704	0.9%
Diseases of the Ear and Mastoid Process	440	16.2%	1,202	44.2%	46	1.7%	1	0.0%	872	32.1%	153	5.6%	5	0.2%	2,719	1.4%
Diseases of the Circulatory System	6,694	43.8%	2,548	16.7%	284	1.9%	21	0.1%	5,127	33.5%	588	3.8%	36	0.2%	15,298	8.1%
Diseases of the Respiratory System	2,982	22.1%	5,281	39.2%	184	1.4%	10	0.1%	4,172	31.0%	824	6.1%	20	0.1%	13,473	7.2%
Diseases of the Digestive System	3,338	27.2%	3,807	31.0%	182	1.5%	19	0.2%	4,013	32.7%	891	7.3%	27	0.2%	12,277	6.5%
Diseases of the Skin and Subcutaneous Tissue	1,664	25.7%	2,206	34.1%	104	1.6%	38	0.6%	1,954	30.2%	501	7.7%	11	0.2%	6,478	3.4%
Diseases of the Musculoskeletal System and Connective Tissue	4,703	32.9%	3,752	26.3%	244	1.7%	291	2.0%	4,433	31.0%	753	5.3%	110	0.8%	14,286	7.6%
Diseases of the Genitourinary System	2,918	31.5%	2,343	25.3%	167	1.8%	9	0.1%	3,344	36.1%	444	4.8%	29	0.3%	9,254	4.9%
Pregnancy, Childbirth and the Puerperium	56	2.6%	1,205	56.3%	26	1.2%	5	0.2%	725	33.9%	115	5.4%	7	0.3%	2,139	1.1%
Certain Conditions Originating in the Perinatal Period	-	0.0%	45	57.7%	-	0.0%	-	0.0%	20	25.6%	12	15.4%	1	1.3%	78	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	7	14.0%	20	40.0%	-	0.0%	-	0.0%	19	38.0%	3	6.0%	1	2.0%	50	0.0%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	11,438	32.1%	10,618	29.8%	548	1.5%	73	0.2%	11,189	31.4%	1,711	4.8%	106	0.3%	35,683	19.0%
Injury, Poisoning and Certain Other Consequences of External Causes	10,403	22.6%	13,042	28.3%	697	1.5%	1,895	4.1%	16,592	36.0%	2,919	6.3%	505	1.1%	46,053	24.5%
External Causes of Morbidity	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Factors Influencing Health Status and Contact with Health Services	1,086	26.2%	1,196	28.9%	65	1.6%	95	2.3%	1,295	31.3%	329	8.0%	72	1.7%	4,138	2.2%
Total	53,163	28.3%	56,925	30.3%	2,908	1.5%	2,536	1.4%	60,568	32.2%	10,727	5.7%	997	0.5%	187,824	100.0%

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
2020 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	8,509	\$ 29,609,744	2,103	\$ 7,133,398	10,612	\$ 36,743,142
Central Vermont Medical Center	16,767	\$ 42,851,510	654	\$ 1,373,243	17,421	\$ 44,224,753
Copley Hospital	9,040	\$ 13,122,782	902	\$ 1,189,074	9,942	\$ 14,311,855
Gifford Medical Center	4,490	\$ 16,758,719	179	\$ 556,651	4,669	\$ 17,315,370
Grace Cottage Family Health & Hospital	2,106	\$ 6,648,442	399	\$ 978,461	2,505	\$ 7,626,904
Mt. Ascutney Hospital and Health Center	3,477	\$ 10,223,915	805	\$ 2,266,175	4,282	\$ 12,490,090
North Country Hospital	10,184	\$ 29,011,662	482	\$ 1,295,338	10,666	\$ 30,307,000
Northeastern Vermont Regional Hospital	8,817	\$ 23,947,960	492	\$ 1,281,206	9,309	\$ 25,229,165
Northwestern Medical Center	17,042	\$ 35,058,983	233	\$ 472,027	17,275	\$ 35,531,009
Porter Medical Center	12,599	\$ 20,805,974	1,153	\$ 1,816,536	13,752	\$ 22,622,510
Rutland Regional Medical Center	19,310	\$ 52,723,556	1,850	\$ 5,322,246	21,160	\$ 58,045,802
Southwestern Vermont Medical Center	12,743	\$ 35,372,971	4,594	\$ 13,663,709	17,337	\$ 49,036,680
Springfield Hospital	8,523	\$ 21,030,688	1,892	\$ 5,143,658	10,415	\$ 26,174,345
University of Vermont Medical Center	35,698	\$ 152,667,889	2,781	\$ 13,274,624	38,479	\$ 165,942,513
Total	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
Total for 2017	207,454	\$ 460,425,997	24,329	\$ 57,447,238	231,783	\$ 517,873,235
Total for 2016	211,850	\$ 448,669,185	24,523	\$ 55,418,390	236,373	\$ 504,087,575

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.
 Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Outpatient Procedures and Services

Table O-1
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Vermont Hospitals by State of Residence

Vermont Hospital	Vermont Residents		Non-residents		All Outpatient Procedures	
	N	Row%	N	Row%	N	Col%
Brattleboro Memorial Hospital	2,971	85.9%	487	14.1%	3,458	3.0%
Central Vermont Medical Center	7,533	99.2%	59	0.8%	7,592	6.6%
Copley Hospital	4,148	99.1%	38	0.9%	4,186	3.7%
Gifford Medical Center	1,681	97.6%	42	2.4%	1,723	1.5%
Grace Cottage Family Health & Hospital	-	0%	-	0%	-	0.0%
Mt. Ascutney Hospital and Health Center	1,092	66.6%	547	33.4%	1,639	1.4%
North Country Hospital	3,332	99.3%	25	0.7%	3,357	2.9%
Northeastern Vermont Regional Hospital	3,449	92.2%	292	7.8%	3,741	3.3%
Northwestern Medical Center	5,008	99.2%	41	0.8%	5,049	4.4%
Porter Medical Center	2,156	90.2%	233	9.8%	2,389	2.1%
Rutland Regional Medical Center	19,909	94.8%	1,098	5.2%	21,007	18.3%
Southwestern Vermont Medical Center	5,528	72.0%	2,147	28.0%	7,675	6.7%
Springfield Hospital	1,260	83.8%	244	16.2%	1,504	1.3%
University of Vermont Medical Center	45,000	87.9%	6,218	12.1%	51,218	44.7%
Total	103,067	90.0%	11,471	10.0%	114,538	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.

Table O-2
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Vermont Hospitals by Data Year: Five-year Comparison

Vermont Hospital	2016	2017	2018	2019	2020
Brattleboro Memorial Hospital	6,461	4,960	4,114	4,732	3,458
Central Vermont Medical Center	9,270	9,545	9,304	9,061	7,592
Copley Hospital	4,482	4,498	4,375	4,572	4,186
Gifford Medical Center	1,994	1,906	1,614	1,920	1,723
Grace Cottage Family Health & Hospital	2	8	1	2	-
Mt. Ascutney Hospital and Health Center	1,822	1,523	1,646	1,657	1,639
North Country Hospital	4,286	4,082	3,549	3,303	3,357
Northeastern Vermont Regional Hospital	4,437	4,576	4,696	3,942	3,741
Northwestern Medical Center	5,975	6,071	6,418	6,099	5,049
Porter Medical Center	3,223	2,946	2,839	3,497	2,389
Rutland Regional Medical Center	17,098	18,124	19,302	21,388	21,007
Southwestern Vermont Medical Center	9,439	9,586	9,507	8,881	7,675
Springfield Hospital	2,653	2,605	2,575	2,139	1,504
University of Vermont Medical Center	61,504	60,838	60,289	65,004	51,218
Total	132,646	131,268	130,229	136,197	114,538

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. Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-3
2020 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	SWWT	SPRF	UVMC	Total
Certain Infectious and Parasitic Diseases	0	11	1	0	0	0	3	3	3	1	48	3	0	318	391
Neoplasms	222	416	162	62	-	56	402	718	248	210	872	617	122	5,597	9,704
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	21	53	12	9	-	21	14	39	68	2	153	73	9	270	744
Endocrine, Nutritional and Metabolic Diseases	89	13	4	31	-	4	23	22	12	6	86	35	5	1,160	1,490
Mental, Behavioral and Neurodevelopmental Disorders	2	1	-	1	-	2	-	3	18	-	24	4	1	81	137
Diseases of the Nervous System	113	171	193	113	-	148	428	100	78	44	1,552	458	57	2,595	6,050
Diseases of the Eye and Adnexa	263	642	77	205	-	307	168	212	243	359	520	5	-	4,264	7,265
Diseases of the Ear and Mastoid Process	-	19	-	-	-	-	14	10	45	50	1,678	8	10	1,074	2,908
Diseases of the Circulatory System	76	93	17	15	-	9	45	17	26	27	286	135	2	2,179	2,927
Diseases of the Respiratory System	53	459	51	51	-	47	320	105	349	85	1,258	333	109	2,699	5,919
Diseases of the Digestive System	392	657	218	117	-	194	432	224	732	275	982	593	253	2,691	7,760
Diseases of the Skin and Subcutaneous Tissue	74	53	11	30	-	11	24	283	73	25	271	38	15	2,808	3,716
Diseases of the Musculoskeletal System and Connective Tissue	288	1,343	639	288	-	163	180	463	435	159	6,534	764	104	8,000	19,360
Diseases of the Genitourinary System	134	330	116	157	-	45	187	164	280	198	1,266	538	158	6,418	9,991
Pregnancy, Childbirth and the Puerperium	313	484	197	167	-	-	172	336	127	132	501	304	-	847	3,580
Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-	-	-	-	4	-	1	-	11	16
Congenital Malformations, Deformations and Chromosomal Abnormalities	4	6	1	2	-	-	3	6	7	4	20	3	5	254	315
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	264	633	146	230	-	234	306	234	978	50	1,848	523	81	4,010	9,537
Injury, Poisoning and Certain Other Consequences of External Causes	283	309	340	54	-	7	99	193	175	122	705	236	99	1,390	4,012
External Causes of Morbidity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factors Influencing Health Status and Contact with Health Services	867	1,899	2,001	191	-	391	537	609	1,152	636	2,403	3,004	474	4,552	18,716
Total	3,458	7,592	4,186	1,723	-	1,639	3,357	3,741	5,049	2,389	21,007	7,675	1,504	51,218	114,538

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.

Table O-4
2020 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	UVMMC	Total
Operations on the nervous system	107	997	349	328	-	319	488	192	67	44	2,987	894	58	6,754	13,584
Operations on the endocrine system	-	5	-	-	-	-	1	-	7	-	55	10	-	144	222
Operations on the eye	264	644	77	205	-	307	167	212	244	364	543	5	-	4,858	7,890
Operations on the ear	-	21	-	-	-	-	12	10	39	52	1,332	7	15	977	2,465
Operations on the nose, mouth, and pharynx	24	97	2	31	-	3	53	31	232	94	986	79	34	1,214	2,880
Operations on the respiratory system	157	693	119	136	-	119	533	233	540	14	1,791	533	126	4,394	9,388
Operations on the cardiovascular system	121	343	77	31	-	8	78	717	233	132	693	551	69	3,623	6,676
Operations on the hemic and lymphatic system	12	10	2	1	-	2	9	5	5	3	28	20	1	279	377
Operations on the digestive system	1,417	2,708	1,022	364	-	751	1,266	878	2,437	935	2,864	2,790	773	10,511	28,716
Operations on the urinary system	98	204	75	126	-	52	93	129	85	97	1,174	176	54	3,216	5,579
Operations on the male genital organs	39	72	8	6	-	14	53	16	10	58	120	63	31	764	1,254
Operations on the female genital organs	78	245	94	62	-	5	128	109	214	100	979	1,466	99	1,166	4,745
Obstetrical procedures	319	486	193	169	-	-	169	333	112	132	530	175	-	746	3,364
Operations on the musculoskeletal system	521	795	824	193	-	18	218	545	562	271	5,862	574	193	5,504	16,080
Operations on the integumentary system	301	272	1,344	71	-	41	89	331	262	93	1,063	332	51	7,068	11,318
Miscellaneous diagnostic and therapeutic procs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Categories specific to CPT/HCPCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3,458	7,592	4,186	1,723	-	1,639	3,357	3,741	5,049	2,389	21,007	7,675	1,504	51,218	114,538

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.

Table O-5
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2016 - 2020

CCS High Level Procedure Group CCS Single Level Procedure Group	2016	2017	2018	2019	2020
Operations on the nervous system					
1 Incision & excision of CNS	-	-	-	1	-
2 Insertion, replacem, rem of extracranial ventricular shunt	8	13	18	40	14
3 Laminectomy, excision intervertebral disc	367	342	325	341	267
4 Diagnostic spinal tap	59	58	53	144	110
5 Insert cath, spinal stimulator, inject into spinal canal	4,386	4,283	4,089	3,893	3,323
6 Decompression peripheral nerve	1,618	1,636	1,532	1,570	1,218
7 Other diagnostic nervous system procedures	2,702	2,457	2,500	2,586	4,571
8 Other non-OR or closed therapeutic nerv syst procs	2,341	2,301	2,167	2,382	3,932
9 Other OR therapeutic nervous system procedures	1,842	1,824	1,665	1,867	149
Total	13,323	12,914	12,349	12,824	13,584
Operations on the endocrine system					
10 Thyroidectomy, partial or complete	211	174	150	158	110
11 Diagnostic endocrine procedures	27	49	69	64	41
12 Other therapeutic endocrine procedures	93	101	93	82	71
Total	331	324	312	304	222
Operations on the eye					
13 Corneal transplant	9	4	4	12	3
14 Glaucoma procedures	352	344	408	513	389
15 Lens & cataract procedures	4,280	4,404	4,795	4,479	3,441
16 Repair of retinal tear, detachment	182	185	278	251	221
17 Destruction of lesion of retina & choroid	87	52	82	139	132
18 Diagnostic procedures on eye	23	45	54	32	25
19 Other therapeutic procedures on eyelids, conjunctiva, cornea	403	395	509	497	317
20 Other intraocular therapeutic procedures	2,417	2,463	2,584	3,085	3,286
21 Other extraocular muscle & orbit therapeutic procedures	104	108	128	128	76
Total	7,857	8,000	8,842	9,136	7,890
Operations on the ear					
22 Tympanoplasty	76	77	97	81	58
23 Myringotomy	873	834	827	798	435

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-5
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2016 - 2020

CCS High Level Procedure Group CCS Single Level Procedure Group	2016	2017	2018	2019	2020
24 Mastoidectomy	30	16	24	17	18
25 Diagnostic procedures on ear	3	-	6	36	19
26 Other therapeutic ear procedures	2,230	2,117	2,213	2,225	1,935
Total	3,212	3,044	3,167	3,157	2,465
Operations on the nose, mouth, and pharynx					
27 Control of epistaxis	154	173	175	204	116
28 Plastic procedures on nose	140	160	267	332	233
29 Dental procedures	37	41	37	50	29
30 Tonsillectomy and/or adenoidectomy	571	566	595	743	427
31 Diagnostic procedures on nose, mouth & pharynx	1,955	1,917	2,018	2,364	1,612
32 Other non-OR therapeutic procedures on nose, mouth & pharynx	44	23	28	28	191
33 Other OR therapeutic procedures on nose, mouth & pharynx	345	336	370	399	272
Total	3,246	3,216	3,490	4,120	2,880
Operations on the respiratory system					
34 Tracheostomy, temporary & permanent	5	10	4	3	3
35 Tracheoscopy & laryngoscopy with biopsy	1,643	1,557	1,924	1,870	1,314
36 Lobectomy or pneumonectomy	1	-	-	-	-
37 Diagnostic bronchoscopy & biopsy of bronchus	369	311	362	391	320
38 Other diagnostic procedures on lung & bronchus	9,656	9,830	10,204	11,132	7,375
39 Incision of pleura, thoracentesis, chest drainage	233	228	182	199	183
40 Other diagnostic proc of respiratory tract & mediastinum	15	9	96	150	58
41 Other non-OR therapeutic procedures on respiratory system	11	11	21	15	17
42 Other OR therapeutic procedures on respiratory system	153	114	143	157	118
Total	12,086	12,070	12,936	13,917	9,388
Operations on the cardiovascular system					
43 Heart valve procedures	1	1	1	2	2
45 Percutaneous transluminal coronary angioplasty (PTCA)	10	19	14	30	17
47 Diagnostic cardiac catheterization, coronary arteriography	1,141	1,064	1,082	1,012	753
48 Insert, revis, replacet, rem pacemaker or cardioverter/defib	1,474	2,047	293	267	290
49 Other OR heart procedures	4	13	13	11	17

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-5
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2016 - 2020

CCS High Level Procedure Group					
CCS Single Level Procedure Group	2016	2017	2018	2019	2020
51 Endarterectomy, vessel of head & neck	2	-	-	-	-
52 Aortic resection, replacement or anastomosis	-	-	-	2	-
53 Varicose vein stripping, lower limb	209	219	215	246	98
54 Other vascular catheterization, not heart	1,024	1,072	1,086	1,097	1,017
56 Other vascular bypass & shunt, not heart	6	5	3	4	6
57 Creat, revis, rem of arteriovenous fistula or cannula for dialysis	165	280	290	278	215
58 Hemodialysis	56	25	30	47	17
59 Other OR procedures on vessels of head & neck	100	95	88	97	65
60 Embolectomy & endarterectomy of lower limbs	1	1	3	-	-
61 Other OR procedures on vessels other than head & neck	403	267	314	302	235
62 Other diagnostic cardiovascular procedures	663	550	696	750	562
63 Other non-OR therapeutic cardiovascular procedures	3,274	3,191	3,479	3,356	3,382
Total	8,533	8,849	7,607	7,501	6,676
Operations on the hemic and lymphatic system					
64 Bone marrow transplant	23	38	35	47	54
65 Bone marrow biopsy	75	66	107	303	104
66 Procedures on spleen	1	-	1	-	-
67 Other therapeutic procedures, hemic & lymphatic system	149	166	190	226	219
Total	248	270	333	576	377
Operations on the digestive system					
68 Injection or ligation of esophageal varices	46	39	55	49	35
69 Esophageal dilatation	508	473	436	400	304
70 Upper gastrointestinal endoscopy, biopsy	5,424	5,367	5,166	5,414	3,703
71 Gastrostomy, temporary & permanent	114	97	105	110	100
72 Colostomy, temporary & permanent	2	1	1	1	1
73 Ileostomy & other enterostomy	16	16	19	20	21
76 Colonoscopy & biopsy	24,701	24,036	21,941	20,948	16,787
77 Proctoscopy & anorectal biopsy	664	622	589	600	455
78 Colorectal resection	14	9	7	8	7
79 Local excision of large intestine lesion (not endoscopic)	-	1	-	-	-

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-5
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2016 - 2020

CCS High Level Procedure Group					
CCS Single Level Procedure Group	2016	2017	2018	2019	2020
80 Appendectomy	59	62	75	98	67
81 Hemorrhoid procedures	203	198	229	212	224
82 Endoscopic retrograde cannulation of pancreas (ERCP)	159	148	136	136	129
83 Biopsy of liver	1	-	-	4	3
84 Cholecystectomy & common duct exploration	1,024	925	919	886	781
85 Inguinal & femoral hernia repair	1,062	1,089	1,073	1,136	1,054
86 Other hernia repair	845	882	791	741	668
87 Laparoscopy	82	45	78	84	70
88 Abdominal paracentesis	309	352	382	402	480
89 Exploratory laparotomy	-	3	1	3	2
90 Excision, lysis peritoneal adhesions	1	-	-	-	-
91 Peritoneal dialysis	2,769	2,658	2,531	3,037	3,199
92 Other bowel diagnostic procedures	-	1	-	-	-
93 Other non-OR upper GI therapeutic procedures	21	27	22	17	15
94 Other OR upper GI therapeutic procedures	33	47	55	34	22
95 Other non-OR lower GI therapeutic procedures	64	63	34	48	66
96 Other OR lower GI therapeutic procedures	198	189	181	200	184
97 Other gastrointestinal diagnostic procedures	280	290	220	452	121
98 Other non-OR gastrointestinal therapeutic procedures	66	67	97	129	148
99 Other OR gastrointestinal therapeutic procedures	127	133	129	127	70
Total	38,792	37,840	35,272	35,296	28,716
Operations on the urinary system					
100 Endoscopy & endoscopic biopsy of the urinary tract	1,655	1,310	1,206	1,237	1,444
101 Transurethral excision, drainage, rem urinary obstruction	614	622	691	768	773
102 Ureteral catheterization	254	282	305	282	281
103 Nephrotomy & nephrostomy	72	103	114	129	146
104 Nephrectomy, partial or complete	4	1	9	20	27
106 Genitourinary incontinence procedures	209	197	183	207	157
107 Extracorporeal lithotripsy, urinary	842	855	901	841	846
108 Indwelling catheter	574	438	576	755	665

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-5
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2016 - 2020

CCS High Level Procedure Group					
CCS Single Level Procedure Group	2016	2017	2018	2019	2020
109 Procedures on the urethra	218	201	199	211	184
110 Other diagnostic procedures of urinary tract	11	13	28	66	12
111 Other non-OR therapeutic procedures of urinary tract	803	784	726	676	728
112 Other OR therapeutic procedures of urinary tract	265	326	326	315	316
Total	5,521	5,132	5,264	5,507	5,579
Operations on the male genital organs					
113 Transurethral resection of prostate (TURP)	144	145	156	141	126
114 Open prostatectomy	3	6	104	118	111
115 Circumcision	286	283	272	272	209
116 Diagnostic procedures, male genital	209	237	379	292	307
117 Other non-OR therapeutic procedures, male genital	162	158	145	152	132
118 Other OR therapeutic procedures, male genital	504	494	432	395	369
Total	1,308	1,323	1,488	1,370	1,254
Operations on the female genital organs					
119 Oophorectomy, unilateral & bilateral	327	385	383	399	352
120 Other operations on ovary	35	64	84	78	57
121 Ligation of fallopian tubes	139	136	118	65	31
123 Other operations on fallopian tubes	27	4	2	5	2
124 Hysterectomy, abdominal & vaginal	633	610	669	620	541
125 Other excision of cervix & uterus	401	402	335	422	244
126 Abortion (termination of pregnancy)	47	32	73	72	58
127 D&C, aspiration after delivery or abortion	185	179	184	186	148
128 Diagnostic dilatation & curettage (D&C)	38	34	34	33	27
129 Repair cystocele & rectocele, oblit of vaginal vault	120	112	102	135	131
130 Other diagnostic procedures, female organs	3,181	3,061	3,032	2,988	2,264
131 Other non-OR therapeutic procedures, female organs	538	650	575	712	594
132 Other OR therapeutic procedures, female organs	335	375	400	422	296
Total	6,006	6,044	5,991	6,137	4,745
Obstetrical procedures					
122 Removal of ectopic pregnancy	13	12	11	13	10

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-5
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2016 - 2020

CCS High Level Procedure Group					
CCS Single Level Procedure Group	2016	2017	2018	2019	2020
134 Cesarean section	-	-	2	-	-
135 Forceps, vacuum & breech delivery	1	4	1	1	1
137 Other procedures to assist delivery	42	48	55	46	73
138 Diagnostic amniocentesis	1	1	-	1	-
139 Fetal monitoring	3,826	4,043	4,006	3,766	3,258
140 Repair of current obstetric laceration	-	5	2	-	-
141 Other therapeutic obstetrical procedures	24	26	22	37	22
Total	3,907	4,139	4,099	3,864	3,364
Operations on the musculoskeletal system					
142 Partial excision bone	449	469	447	421	344
143 Bunionectomy or repair of toe deformities	495	499	484	514	403
144 Treatment, facial fracture or dislocation	78	50	55	64	41
145 Treatment, fracture or disloc of radius & ulna	464	450	434	576	425
146 Treatment, fracture or disloc of hip & femur	13	15	14	8	7
147 Treatment, fracture or disloc of lower extremity	474	466	535	596	532
148 Other fracture & dislocation procedure	507	502	516	503	444
149 Arthroscopy	353	374	363	345	266
150 Division of joint capsule, ligament or cartilage	90	77	62	50	58
151 Excision of semilunar cartilage of knee	1,227	1,071	967	870	748
152 Arthroplasty knee	56	36	207	340	552
153 Hip replacement, total & partial	31	23	34	55	414
154 Arthroplasty other than hip or knee	222	244	216	186	202
155 Arthrocentesis	5,229	5,307	5,902	6,638	6,590
156 Injections & aspirations of muscles, tendons, etc.	1,277	1,290	1,453	1,747	1,372
157 Amputation of lower extremity	131	139	125	154	170
158 Spinal fusion	30	47	119	127	72
159 Other diagnostic procedures on musculoskeletal system	78	68	61	91	48
160 Other therapeutic procedures on muscles & tendons	2,614	2,586	2,625	2,461	1,983
161 Other OR therapeutic procedures on bone	601	637	593	564	442
162 Other OR therapeutic procedures on joints	1,160	1,044	1,058	1,028	866

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-5
2020 Vermont Hospital Outpatient Visits, including VT Residents and Non-Residents
Clinical Classifications Software (CCS) Single and High Level Procedure Groups by Data Year: 2016 - 2020

CCS High Level Procedure Group					
CCS Single Level Procedure Group	2016	2017	2018	2019	2020
163 Other non-OR therapeutic procedures on musc system	25	40	29	24	59
164 Other OR therapeutic procedures on musc system	62	74	61	46	42
Total	15,666	15,508	16,360	17,408	16,080
Operations on the integumentary system					
165 Breast biopsy & other diagnostic procedures on breast	1,029	1,150	1,368	1,534	1,212
166 Lumpectomy, quadrantectomy of breast	455	385	538	639	508
167 Mastectomy	68	72	120	158	145
168 Incision & drainage, skin & subcutaneous tissue	261	172	174	192	208
169 Debridement of wound, infection or burn	660	337	345	496	426
170 Excision of skin lesion	4,720	4,624	4,667	5,509	4,036
171 Suture of skin & subcutaneous tissue	721	663	580	592	525
172 Skin graft	561	673	632	642	576
173 Other diagnostic proc on skin & subcutaneous tissue	160	280	267	1,535	236
174 Other non-OR therapeutic procedures on skin & breast	3,599	3,781	3,617	3,344	3,125
175 Other OR therapeutic procedures on skin & breast	376	458	411	439	321
Total	12,610	12,595	12,719	15,080	11,318
Yearly Total	132,646	131,268	130,229	136,197	114,538

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 totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-6
2020 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	37	738	1,143	510	458	311	261	1,918	1,540	3,458
Central Vermont Medical Center	86	1,519	2,945	955	892	618	577	4,550	3,042	7,592
Copley Hospital	9	693	1,481	465	453	414	671	2,183	2,003	4,186
Gifford Medical Center	15	441	634	209	170	138	116	1,090	633	1,723
Grace Cottage Family Health & Hospital	-	-	-	-	-	-	-	-	-	-
Mt. Ascutney Hospital and Health Center	4	194	619	218	226	215	163	817	822	1,639
North Country Hospital	87	716	1,184	445	412	325	188	1,987	1,370	3,357
Northeastern Vermont Regional Hospital	55	755	1,472	428	475	282	274	2,282	1,459	3,741
Northwestern Medical Center	119	1,072	2,047	604	551	372	284	3,238	1,811	5,049
Porter Medical Center	94	455	885	313	288	199	155	1,434	955	2,389
Rutland Regional Medical Center	281	3,940	7,509	2,755	2,632	1,871	2,019	11,730	9,277	21,007
Southwestern Vermont Medical Center	38	1,798	3,045	991	787	551	465	4,881	2,794	7,675
Springfield Hospital	42	278	666	198	141	103	76	986	518	1,504
University of Vermont Medical Center	1,955	6,993	14,008	7,288	7,650	5,858	7,466	22,956	28,262	51,218
Total	2,822	19,592	37,638	15,379	15,135	11,257	12,715	60,052	54,486	114,538

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.

Table O-7
2020 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	Col%
	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%	N	Row%		
Brattleboro Memorial Hospital	1,248	36.1%	534	15.4%	9	0.3%	49	1.4%	1,598	46.2%	20	0.6%	-	0.0%	3,458	3.0%
Central Vermont Medical Center	3,179	41.9%	919	12.1%	127	1.7%	106	1.4%	3,209	42.3%	52	0.7%	-	0.0%	7,592	6.6%
Copley Hospital	898	21.5%	486	11.6%	48	1.1%	93	2.2%	1,363	32.6%	1,298	31.0%	-	0.0%	4,186	3.7%
Gifford Medical Center	644	37.4%	335	19.4%	23	1.3%	8	0.5%	682	39.6%	31	1.8%	-	0.0%	1,723	1.5%
Grace Cottage Family Health & Hospital	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Mt. Ascutney Hospital and Health Center	799	48.7%	137	8.4%	-	0.0%	16	1.0%	678	41.4%	9	0.5%	-	0.0%	1,639	1.4%
North Country Hospital	1,466	43.7%	728	21.7%	68	2.0%	14	0.4%	1,062	31.6%	5	0.1%	14	0.4%	3,357	2.9%
Northeastern Vermont Regional Hospital	1,320	35.3%	769	20.6%	72	1.9%	39	1.0%	1,518	40.6%	23	0.6%	-	0.0%	3,741	3.3%
Northwestern Medical Center	1,940	38.4%	768	15.2%	84	1.7%	63	1.2%	2,146	42.5%	48	1.0%	-	0.0%	5,049	4.4%
Porter Medical Center	920	38.5%	330	13.8%	16	0.7%	1	0.0%	1,089	45.6%	23	1.0%	10	0.4%	2,389	2.1%
Rutland Regional Medical Center	10,109	48.1%	3,046	14.5%	327	1.6%	295	1.4%	7,158	34.1%	70	0.3%	2	0.0%	21,007	18.3%
Southwestern Vermont Medical Center	2,927	38.1%	1,200	15.6%	122	1.6%	43	0.6%	3,356	43.7%	27	0.4%	-	0.0%	7,675	6.7%
Springfield Hospital	570	37.9%	251	16.7%	9	0.6%	21	1.4%	629	41.8%	24	1.6%	-	0.0%	1,504	1.3%
University of Vermont Medical Center	31,014	60.6%	3,774	7.4%	1,035	2.0%	289	0.6%	14,655	28.6%	226	0.4%	225	0.4%	51,218	44.7%
Total	57,034	49.8%	13,277	11.6%	1,940	1.7%	1,037	0.9%	39,143	34.2%	1,856	1.6%	251	0.2%	114,538	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.

Table O-8
2020 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%
Certain Infectious and Parasitic Diseases	326	83.4%	17	4.3%	7	1.8%	1	0.3%	39	10.0%	1	0.3%	-	0.0%	391	0.3%
Neoplasms	6,123	63.1%	755	7.8%	145	1.5%	1	0.0%	2,641	27.2%	32	0.3%	7	0.1%	9,704	8.5%
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	420	56.5%	63	8.5%	18	2.4%	-	0.0%	237	31.9%	5	0.7%	1	0.1%	744	0.6%
Endocrine, Nutritional and Metabolic Diseases	1,012	67.9%	142	9.5%	18	1.2%	-	0.0%	309	20.7%	9	0.6%	-	0.0%	1,490	1.3%
Mental, Behavioral and Neurodevelopmental Disorders	57	41.6%	32	23.4%	-	0.0%	-	0.0%	46	33.6%	1	0.7%	1	0.7%	137	0.1%
Diseases of the Nervous System	2,847	47.1%	863	14.3%	122	2.0%	100	1.7%	2,078	34.3%	27	0.4%	13	0.2%	6,050	5.3%
Diseases of the Eye and Adnexa	5,879	80.9%	216	3.0%	86	1.2%	3	0.0%	1,041	14.3%	32	0.4%	8	0.1%	7,265	6.3%
Diseases of the Ear and Mastoid Process	1,831	63.0%	373	12.8%	40	1.4%	-	0.0%	654	22.5%	10	0.3%	-	0.0%	2,908	2.5%
Diseases of the Circulatory System	1,761	60.2%	219	7.5%	40	1.4%	4	0.1%	890	30.4%	6	0.2%	7	0.2%	2,927	2.6%
Diseases of the Respiratory System	2,870	48.5%	894	15.1%	115	1.9%	4	0.1%	1,996	33.7%	27	0.5%	13	0.2%	5,919	5.2%
Diseases of the Digestive System	2,875	37.0%	1,154	14.9%	146	1.9%	62	0.8%	3,426	44.1%	80	1.0%	17	0.2%	7,760	6.8%
Diseases of the Skin and Subcutaneous Tissue	3,014	81.1%	244	6.6%	87	2.3%	5	0.1%	357	9.6%	9	0.2%	-	0.0%	3,716	3.2%
Diseases of the Musculoskeletal System and Connective Tissue	10,323	53.3%	1,709	8.8%	340	1.8%	547	2.8%	6,304	32.6%	37	0.2%	100	0.5%	19,360	16.9%
Diseases of the Genitourinary System	5,856	58.6%	1,108	11.1%	161	1.6%	5	0.1%	2,796	28.0%	57	0.6%	8	0.1%	9,991	8.7%
Pregnancy, Childbirth and the Puerperium	36	1.0%	1,712	47.8%	37	1.0%	1	0.0%	1,761	49.2%	32	0.9%	1	0.0%	3,580	3.1%
Certain Conditions Originating in the Perinatal Period	-	0.0%	4	25.0%	-	0.0%	-	0.0%	10	62.5%	2	12.5%	-	0.0%	16	0.0%
Congenital Malformations, Deformations and Chromosomal Abnormalities	37	11.7%	93	29.5%	4	1.3%	-	0.0%	176	55.9%	4	1.3%	1	0.3%	315	0.3%
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	4,744	49.7%	1,201	12.6%	188	2.0%	19	0.2%	3,332	34.9%	42	0.4%	11	0.1%	9,537	8.3%
Injury, Poisoning and Certain Other Consequences of External Causes	1,060	26.4%	670	16.7%	73	1.8%	279	7.0%	1,829	45.6%	55	1.4%	46	1.1%	4,012	3.5%
External Causes of Morbidity	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
Factors Influencing Health Status and Contact with Health Services	5,963	31.9%	1,808	9.7%	313	1.7%	6	0.0%	9,221	49.3%	1,388	7.4%	17	0.1%	18,716	16.3%
Total	57,034	49.8%	13,277	11.6%	1,940	1.7%	1,037	0.9%	39,143	34.2%	1,856	1.6%	251	0.2%	114,538	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.

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

Table O-9
2020 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	6,280	46.2%	1,689	12.4%	285	2.1%	327	2.4%	4,864	35.8%	51	0.4%	88	0.6%	13,584	11.9%
Operations on the endocrine system	81	36.5%	20	9.0%	2	0.9%	-	0.0%	118	53.2%	1	0.5%	-	0.0%	222	0.2%
Operations on the eye	6,403	81.2%	230	2.9%	98	1.2%	3	0.0%	1,107	14.0%	40	0.5%	9	0.1%	7,890	6.9%
Operations on the ear	1,593	64.6%	309	12.5%	37	1.5%	-	0.0%	518	21.0%	8	0.3%	-	0.0%	2,465	2.2%
Operations on the nose, mouth, and pharynx	1,262	43.8%	548	19.0%	55	1.9%	2	0.1%	999	34.7%	13	0.5%	1	0.0%	2,880	2.5%
Operations on the respiratory system	4,882	52.0%	1,212	12.9%	160	1.7%	6	0.1%	3,052	32.5%	59	0.6%	17	0.2%	9,388	8.2%
Operations on the cardiovascular system	3,812	57.1%	650	9.7%	99	1.5%	7	0.1%	2,077	31.1%	21	0.3%	10	0.1%	6,676	5.8%
Operations on the hemic and lymphatic system	146	38.7%	50	13.3%	8	2.1%	-	0.0%	172	45.6%	1	0.3%	-	0.0%	377	0.3%
Operations on the digestive system	12,369	43.1%	2,881	10.0%	526	1.8%	63	0.2%	12,662	44.1%	183	0.6%	32	0.1%	28,716	25.1%
Operations on the urinary system	3,982	71.4%	386	6.9%	79	1.4%	4	0.1%	1,108	19.9%	13	0.2%	7	0.1%	5,579	4.9%
Operations on the male genital organs	549	43.8%	183	14.6%	33	2.6%	1	0.1%	464	37.0%	23	1.8%	1	0.1%	1,254	1.1%
Operations on the female genital organs	717	15.1%	1,095	23.1%	80	1.7%	2	0.0%	2,809	59.2%	36	0.8%	6	0.1%	4,745	4.1%
Obstetrical procedures	39	1.2%	1,654	49.2%	38	1.1%	2	0.1%	1,601	47.6%	29	0.9%	1	0.0%	3,364	2.9%
Operations on the musculoskeletal system	7,870	48.9%	1,599	9.9%	258	1.6%	596	3.7%	5,619	34.9%	62	0.4%	76	0.5%	16,080	14.0%
Operations on the integumentary system	7,049	62.3%	771	6.8%	182	1.6%	24	0.2%	1,973	17.4%	1,316	11.6%	3	0.0%	11,318	9.9%
Total	57,034	49.8%	13,277	11.6%	1,940	1.7%	1,037	0.9%	39,143	34.2%	1,856	1.6%	251	0.2%	114,538	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
2020 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	UVMC	Total
Insertion, replacem, rem of extracranial ventricular shunt															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 6,492	\$ 6,492
Laminectomy, excision intervertebral disc															
N	-	-	-	10	-	-	-	-	23	-	59	-	-	175	267
Avg\$	-	-	-	\$ 31,523	-	-	-	\$ 24,747	-	\$ 18,873	-	-	-	\$ 18,194	\$ 19,408
Diagnostic spinal tap															
N	-	17	4	9	-	-	1	-	-	-	4	5	-	70	110
Avg\$	-	\$ 2,098	\$ 2,136	\$ 6,304	-	-	\$ 3,284	-	-	-	\$ 2,120	\$ 3,460	-	\$ 3,074	\$ 3,138
Insert cath, spinal stimulator, inject into spinal canal															
N	-	447	106	124	-	55	37	42	-	-	792	317	-	1,403	3,323
Avg\$	-	\$ 951	\$ 1,626	\$ 2,044	-	\$ 2,346	\$ 3,368	\$ 1,687	-	-	\$ 1,875	\$ 3,086	-	\$ 2,684	\$ 2,228
Decompression peripheral nerve															
N	105	131	110	27	-	-	64	85	42	43	177	64	56	314	1,218
Avg\$	\$ 5,252	\$ 5,988	\$ 5,100	\$ 13,864	-	-	\$ 9,811	\$ 12,127	\$ 5,311	\$ 6,409	\$ 4,905	\$ 2,646	\$ 2,393	\$ 4,461	\$ 5,748
Other diagnostic nervous system procedures															
N	-	-	95	140	-	195	377	-	-	-	1,285	484	-	1,995	4,571
Avg\$	-	-	\$ 3,972	\$ 505	-	\$ 1,076	\$ 7,457	-	-	-	\$ 3,016	\$ 2,426	-	\$ 2,937	\$ 3,146
Other non-OR or closed therapeutic nerv syst procs															
N	1	392	30	13	-	69	9	60	2	-	657	22	-	2,677	3,932
Avg\$	\$ 72	\$ 2,218	\$ 1,674	\$ 3,770	-	\$ 5,406	\$ 3,278	\$ 5,811	\$ 527	-	\$ 3,428	\$ 3,031	-	\$ 4,643	\$ 4,188
Other OR therapeutic nervous system procedures															
N	1	10	4	5	-	-	-	5	-	1	13	2	2	106	149
Avg\$	\$ 11,904	\$ 20,253	\$ 12,360	\$ 27,833	-	-	-	\$ 17,626	-	\$ 10,828	\$ 20,400	\$ 21,775	\$ 5,277	\$ 17,107	\$ 17,682
Thyroidectomy, partial or complete															
N	-	4	-	-	-	-	-	-	7	-	18	6	-	75	110
Avg\$	-	\$ 18,593	-	-	-	-	-	-	\$ 21,177	-	\$ 17,146	\$ 23,561	-	\$ 19,663	\$ 19,521
Diagnostic endocrine procedures															
N	-	-	-	-	-	-	-	-	-	-	28	-	-	13	41
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 1,030	-	-	\$ 610	\$ 896
Other therapeutic endocrine procedures															
N	-	1	-	-	-	-	1	-	-	-	9	4	-	56	71
Avg\$	-	\$ 15,975	-	-	-	-	\$ 33,711	-	-	-	\$ 16,048	\$ 27,311	-	\$ 14,885	\$ 16,013
Corneal transplant															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 32,138	\$ 32,138

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
2020 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	UVMC	Total
Glaucoma procedures															
N	-	10	-	1	-	-	6	3	-	-	72	-	-	297	389
Avg\$	- \$	880	- \$	10,403	-	- \$	20,658	\$ 18,299	-	- \$	1,447	-	- \$	3,560	\$ 3,495
Lens & cataract procedures															
N	264	624	77	170	-	307	161	209	241	352	327	-	-	709	3,441
Avg\$	\$ 6,110	\$ 6,278	\$ 5,918	\$ 8,258	- \$	7,750	\$ 7,474	\$ 12,279	\$ 5,902	\$ 4,189	\$ 5,090	-	- \$	5,133	\$ 6,318
Repair of retinal tear, detachment															
N	-	2	-	-	-	-	-	-	-	-	-	-	-	219	221
Avg\$	- \$	1,236	-	-	-	-	-	-	-	-	-	-	- \$	9,063	\$ 8,993
Destruction of lesion of retina & choroid															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	132	132
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	- \$	2,179	\$ 2,179
Diagnostic procedures on eye															
N	-	1	-	-	-	-	-	-	-	-	8	-	-	16	25
Avg\$	- \$	5,767	-	-	-	-	-	-	-	- \$	1,282	-	- \$	3,589	\$ 2,938
Other therapeutic procedures on eyelids, conjunctiva, cornea															
N	-	6	-	2	-	-	-	-	2	12	136	5	-	154	317
Avg\$	- \$	10,210	- \$	11,188	-	-	-	- \$ 7,038	\$ 5,546	\$ 2,142	\$ 6,010	-	- \$	4,773	\$ 3,850
Other intraocular therapeutic procedures															
N	-	1	-	-	-	-	-	-	-	-	-	-	-	3,285	3,286
Avg\$	- \$	6,279	-	-	-	-	-	-	-	-	-	-	- \$	5,258	\$ 5,259
Other extraocular muscle & orbit therapeutic procedures															
N	-	-	-	32	-	-	-	-	1	-	-	-	-	43	76
Avg\$	-	-	- \$	15,286	-	-	-	- \$ 10,327	-	-	-	-	- \$	13,087	\$ 13,976
Tympanoplasty															
N	-	7	-	-	-	-	-	-	1	11	9	3	-	27	58
Avg\$	- \$	9,120	-	-	-	-	-	- \$ 4,383	\$ 12,926	\$ 11,090	\$ 12,479	-	- \$	20,599	\$ 15,583
Myringotomy															
N	-	10	-	-	-	-	12	10	32	40	71	3	9	248	435
Avg\$	- \$	5,056	-	-	-	- \$	4,225	\$ 9,562	\$ 4,305	\$ 5,178	\$ 1,452	\$ 3,633	\$ 3,316	\$ 4,016	\$ 3,866
Mastoidectomy															
N	-	1	-	-	-	-	-	-	-	-	2	-	-	15	18
Avg\$	- \$	16,338	-	-	-	-	-	-	-	- \$	20,682	-	- \$	32,352	\$ 30,165
Diagnostic procedures on ear															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	- \$	322	\$ 322

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
2020 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	UVMC	Total
Other therapeutic ear procedures															
N	-	3	-	-	-	-	-	-	6	1	1,250	1	6	668	1,935
Avg\$	-	\$ 5,059	-	-	-	-	-	-	\$ 4,025	\$ 14,712	\$ 261	\$ 2,237	\$ 2,981	\$ 2,870	\$ 1,198
Control of epistaxis															
N	-	-	-	-	-	-	2	-	2	1	88	-	-	23	116
Avg\$	-	-	-	-	-	-	\$ 4,573	-	\$ 4,435	\$ 3,684	\$ 661	-	-	\$ 1,196	\$ 925
Plastic procedures on nose															
N	-	3	-	-	-	-	4	2	112	16	30	8	4	54	233
Avg\$	-	\$ 13,803	-	-	-	-	\$ 11,747	\$ 18,632	\$ 8,678	\$ 12,689	\$ 10,617	\$ 9,403	\$ 16,845	\$ 23,884	\$ 13,096
Dental procedures															
N	18	-	-	-	-	-	-	-	-	-	-	-	-	11	29
Avg\$	\$ 12,212	-	-	-	-	-	-	-	-	-	-	-	-	\$ 14,292	\$ 13,001
Tonsillectomy and/or adenoidectomy															
N	-	28	-	-	-	-	15	24	100	35	41	12	14	158	427
Avg\$	-	\$ 10,448	-	-	-	-	\$ 10,372	\$ 15,564	\$ 5,622	\$ 9,044	\$ 7,706	\$ 6,136	\$ 7,506	\$ 7,693	\$ 7,987
Diagnostic procedures on nose, mouth & pharynx															
N	1	29	2	20	-	3	19	-	1	7	745	28	5	752	1,612
Avg\$	\$ 243	\$ 1,428	\$ 228	\$ 430	-	\$ 309	\$ 607	-	\$ 432	\$ 1,712	\$ 490	\$ 805	\$ 9,198	\$ 802	\$ 690
Other non-OR therapeutic procedures on nose, mouth & pharynx															
N	5	13	-	11	-	-	7	1	2	2	29	24	1	96	191
Avg\$	\$ 8,317	\$ 2,058	-	\$ 841	-	-	\$ 6,828	\$ 5,360	\$ 2,585	\$ 520	\$ 2,033	\$ 901	\$ 4,454	\$ 2,961	\$ 2,650
Other OR therapeutic procedures on nose, mouth & pharynx															
N	-	24	-	-	-	-	6	4	15	33	53	7	10	120	272
Avg\$	-	\$ 13,416	-	-	-	-	\$ 10,993	\$ 16,780	\$ 10,698	\$ 12,969	\$ 6,090	\$ 8,724	\$ 11,829	\$ 17,188	\$ 13,265
Tracheostomy, temporary & permanent															
N	-	1	-	-	-	-	-	-	-	-	-	-	-	2	3
Avg\$	-	\$ 9,258	-	-	-	-	-	-	-	-	-	-	-	\$ 9,575	\$ 9,469
Tracheoscopy & laryngoscopy with biopsy															
N	-	21	-	-	-	-	-	2	1	3	763	2	1	521	1,314
Avg\$	-	\$ 6,329	-	-	-	-	-	\$ 9,525	\$ 7,548	\$ 6,524	\$ 538	\$ 7,192	\$ 6,698	\$ 1,137	\$ 916
Diagnostic bronchoscopy & biopsy of bronchus															
N	-	12	-	-	-	-	15	-	19	-	28	7	-	239	320
Avg\$	-	\$ 7,016	-	-	-	-	\$ 14,485	-	\$ 3,184	-	\$ 7,517	\$ 6,245	-	\$ 12,596	\$ 11,333
Other diagnostic procedures on lung & bronchus															
N	156	648	115	135	-	117	508	219	507	5	917	512	125	3,411	7,375
Avg\$	\$ 490	\$ 841	\$ 652	\$ 1,781	-	\$ 944	\$ 1,623	\$ 1,200	\$ 325	\$ 569	\$ 1,279	\$ 543	\$ 602	\$ 1,091	\$ 1,024

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	UVMC	Total
Incision of pleura, thoracentesis, chest drainage															
N	1	4	4	1	-	-	1	12	9	-	24	11	-	116	183
Avg\$	\$ 5,822	\$ 2,696	\$ 895	\$ 3,064	-	-	\$ 2,684	\$ 6,831	\$ 1,307	-	\$ 4,805	\$ 3,480	-	\$ 3,342	\$ 3,612
Other diagnostic proc of respiratory tract & mediastinum															
N	-	-	-	-	-	-	8	-	-	-	47	-	-	3	58
Avg\$	-	-	-	-	-	-	\$ 2,357	-	-	-	\$ 425	-	-	\$ 259	\$ 683
Other non-OR therapeutic procedures on respiratory system															
N	-	-	-	-	-	2	1	-	1	1	2	-	-	10	17
Avg\$	-	-	-	-	-	\$ 421	\$ 7,518	-	\$ 2,217	\$ 18,188	\$ 2,221	-	-	\$ 7,821	\$ 6,554
Other OR therapeutic procedures on respiratory system															
N	-	7	-	-	-	-	-	-	3	5	10	1	-	92	118
Avg\$	-	\$ 8,590	-	-	-	-	-	-	\$ 7,910	\$ 7,131	\$ 11,061	\$ 11,143	-	\$ 12,950	\$ 12,142
Heart valve procedures															
N	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 385	-	-	\$ 42,258	\$ 21,322
Percutaneous transluminal coronary angioplasty (PTCA)															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 48,214	\$ 48,214
Diagnostic cardiac catheterization, coronary arteriography															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	753	753
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 23,151	\$ 23,151
Insert, revis, replacet, rem pacemaker or cardioverter/defib															
N	-	20	-	-	-	-	-	-	-	-	24	30	-	216	290
Avg\$	-	\$ 24,496	-	-	-	-	-	-	-	-	\$ 31,689	\$ 17,340	-	\$ 53,241	\$ 45,761
Other OR heart procedures															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 56,852	\$ 56,852
Varicose vein stripping, lower limb															
N	5	3	-	-	-	2	1	-	-	-	1	-	-	86	98
Avg\$	\$ 8,278	\$ 10,161	-	-	-	\$ 22,176	\$ 25,382	-	-	-	\$ 7,227	-	-	\$ 12,482	\$ 12,472
Other vascular catheterization, not heart															
N	18	102	16	4	-	1	21	17	9	2	122	90	7	608	1,017
Avg\$	\$ 9,337	\$ 8,335	\$ 11,356	\$ 20,878	-	\$ 17,813	\$ 16,576	\$ 14,051	\$ 1,629	\$ 3,197	\$ 9,923	\$ 7,701	\$ 8,730	\$ 13,148	\$ 11,670
Other vascular bypass & shunt, not heart															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 7,144	\$ 7,144

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Creat, revis, rem of arteriovenous fistula or cannula for dialysis															
N	-	-	-	-	-	-	-	-	-	-	48	-	-	167	215
Avg\$	-	-	-	-	-	-	-	-	-	\$ 15,200	-	-	\$ 16,490	\$ 16,202	
Hemodialysis															
N	-	-	-	-	-	-	-	-	-	-	-	1	-	16	17
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 24,405	-	\$ 5,399	\$ 6,517	
Other OR procedures on vessels of head & neck															
N	-	13	-	-	-	1	5	2	12	-	5	4	-	23	65
Avg\$	-	\$ 4,047	-	-	-	\$ 24,178	\$ 6,333	\$ 10,199	\$ 3,319	-	\$ 4,996	\$ 1,511	-	\$ 1,656	\$ 3,658
Other OR procedures on vessels other than head & neck															
N	-	-	-	-	-	-	-	-	-	1	13	-	-	221	235
Avg\$	-	-	-	-	-	-	-	-	-	\$ 5,518	\$ 26,348	-	-	\$ 40,899	\$ 39,944
Other diagnostic cardiovascular procedures															
N	75	39	-	22	-	-	3	-	-	-	110	35	-	278	562
Avg\$	\$ 794	\$ 3,266	-	\$ 744	-	-	\$ 1,091	-	-	-	\$ 4,730	\$ 166	-	\$ 7,747	\$ 5,136
Other non-OR therapeutic cardiovascular procedures															
N	23	166	61	5	-	4	48	698	212	129	369	391	62	1,214	3,382
Avg\$	\$ 5,616	\$ 1,442	\$ 638	\$ 2,044	-	\$ 6,505	\$ 5,018	\$ 1,566	\$ 413	\$ 893	\$ 2,464	\$ 759	\$ 631	\$ 2,744	\$ 1,939
Bone marrow transplant															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	54	54
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 14,187	\$ 14,187
Bone marrow biopsy															
N	3	2	-	-	-	-	-	-	-	-	11	-	-	88	104
Avg\$	\$ 742	\$ 4,136	-	-	-	-	-	-	-	-	\$ 7,857	-	-	\$ 3,516	\$ 3,907
Other therap procedures, hemic & lymphatic system															
N	9	8	2	1	-	2	9	5	5	3	17	20	1	137	219
Avg\$	\$ 10,456	\$ 9,348	\$ 13,640	\$ 17,846	-	\$ 13,628	\$ 10,092	\$ 12,363	\$ 4,996	\$ 14,888	\$ 10,073	\$ 8,236	\$ 10,966	\$ 15,748	\$ 13,552
Injection or ligation of esophageal varices															
N	1	4	-	-	-	-	-	-	-	-	15	-	-	15	35
Avg\$	\$ 5,012	\$ 4,665	-	-	-	-	-	-	-	-	\$ 4,952	-	-	\$ 5,058	\$ 4,966
Esophageal dilatation															
N	50	59	4	-	-	1	14	5	31	1	52	15	1	71	304
Avg\$	\$ 4,141	\$ 4,937	\$ 3,255	-	-	\$ 3,879	\$ 6,841	\$ 7,343	\$ 3,906	\$ 4,567	\$ 5,643	\$ 2,843	\$ 7,499	\$ 5,837	\$ 5,038
Upper gastrointestinal endoscopy, biopsy															
N	163	332	118	55	-	135	142	131	445	88	400	221	190	1,283	3,703
Avg\$	\$ 3,988	\$ 4,221	\$ 3,645	\$ 7,521	-	\$ 4,211	\$ 6,732	\$ 6,416	\$ 2,533	\$ 3,868	\$ 5,029	\$ 2,506	\$ 3,262	\$ 4,213	\$ 4,137

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	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMC	Total
Gastrostomy, temporary & permanent															
N	1	10	-	-	-	2	1	1	8	-	17	2	1	57	100
Avg\$	\$ 5,238	\$ 3,639	-	-	-	\$ 1,433	\$ 5,949	\$ 15,139	\$ 733	-	\$ 3,361	\$ 3,158	\$ 4,963	\$ 3,223	\$ 3,236
Colostomy, temporary & permanent															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 15,205	\$ 15,205
Ileostomy & other enterostomy															
N	-	-	-	-	-	-	-	-	-	-	9	-	-	12	21
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 4,423	-	-	\$ 5,875	\$ 5,253
Colonoscopy & biopsy															
N	1,018	1,920	730	240	-	529	881	606	1,535	716	1,905	2,130	493	4,084	16,787
Avg\$	\$ 4,484	\$ 5,024	\$ 3,880	\$ 6,879	-	\$ 3,829	\$ 6,712	\$ 6,822	\$ 2,008	\$ 3,767	\$ 5,701	\$ 3,283	\$ 3,006	\$ 5,438	\$ 4,652
Proctoscopy & anorectal biopsy															
N	23	25	15	1	-	5	9	1	14	-	28	13	9	312	455
Avg\$	\$ 2,684	\$ 3,193	\$ 2,544	\$ 14,927	-	\$ 2,599	\$ 6,330	\$ 4,982	\$ 1,269	-	\$ 2,519	\$ 2,590	\$ 2,434	\$ 1,413	\$ 1,878
Colorectal resection															
N	-	-	-	-	-	-	2	1	-	1	-	-	-	3	7
Avg\$	-	-	-	-	-	-	\$ 17,498	\$ 30,782	-	\$ 5,542	-	-	-	\$ 13,353	\$ 15,911
Appendectomy															
N	3	6	1	1	-	4	3	-	6	-	15	6	-	22	67
Avg\$	\$ 13,677	\$ 15,699	\$ 19,125	\$ 44,683	-	\$ 20,699	\$ 19,116	-	\$ 12,016	-	\$ 7,938	\$ 12,539	-	\$ 15,244	\$ 14,044
Hemorrhoid procedures															
N	3	11	-	8	-	6	18	6	28	2	31	13	4	94	224
Avg\$	\$ 8,446	\$ 6,138	-	\$ 21,674	-	\$ 19,172	\$ 12,368	\$ 9,946	\$ 4,081	\$ 10,465	\$ 6,446	\$ 7,714	\$ 8,679	\$ 4,150	\$ 6,802
Endoscopic retrograde cannulation of pancreas (ERCP)															
N	-	-	-	-	-	-	-	-	-	-	-	7	-	122	129
Avg\$	-	-	-	-	-	-	-	-	-	-	-	\$ 15,993	-	\$ 15,253	\$ 15,293
Biopsy of liver															
N	-	-	-	-	-	2	1	-	-	-	-	-	-	-	3
Avg\$	-	-	-	-	-	\$ 3,858	\$ 4,435	-	-	-	-	-	-	-	\$ 4,050
Cholecystectomy & common duct exploration															
N	25	92	35	15	-	21	61	25	142	33	98	75	23	136	781
Avg\$	\$ 14,022	\$ 15,857	\$ 16,295	\$ 29,734	-	\$ 21,537	\$ 20,939	\$ 29,014	\$ 11,935	\$ 21,110	\$ 11,528	\$ 11,084	\$ 11,352	\$ 15,558	\$ 15,378
Inguinal & femoral hernia repair															
N	71	113	54	21	-	26	51	50	100	60	111	107	30	260	1,054
Avg\$	\$ 10,580	\$ 12,693	\$ 15,325	\$ 32,557	-	\$ 21,705	\$ 23,447	\$ 24,856	\$ 10,462	\$ 15,512	\$ 11,417	\$ 13,418	\$ 9,142	\$ 12,756	\$ 14,203

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	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMC	Total
Other hernia repair															
N	31	60	37	15	-	11	37	30	77	27	89	85	18	151	668
Avg\$	\$ 10,509	\$ 10,988	\$ 16,541	\$ 28,120	-	\$ 22,361	\$ 21,736	\$ 23,023	\$ 9,345	\$ 13,403	\$ 13,606	\$ 11,068	\$ 10,436	\$ 15,055	\$ 14,153
Laparoscopy															
N	6	4	-	1	-	-	12	5	11	4	5	4	2	16	70
Avg\$	\$ 9,618	\$ 13,326	-	\$ 27,527	-	-	\$ 13,485	\$ 29,505	\$ 7,328	\$ 11,953	\$ 11,264	\$ 9,240	\$ 10,962	\$ 14,127	\$ 13,108
Abdominal paracentesis															
N	11	28	26	7	-	-	23	12	5	-	50	27	-	291	480
Avg\$	\$ 5,512	\$ 1,585	\$ 981	\$ 4,584	-	-	\$ 1,646	\$ 11,745	\$ 1,241	-	\$ 3,175	\$ 2,569	-	\$ 1,860	\$ 2,327
Exploratory laparotomy															
N	-	1	-	-	-	-	-	-	1	-	-	-	-	-	2
Avg\$	-	\$ 11,420	-	-	-	-	-	-	\$ 11,771	-	-	-	-	-	\$ 11,596
Peritoneal dialysis															
N	-	-	-	-	-	-	-	-	-	-	-	68	-	3,131	3,199
Avg\$	-	-	-	-	-	-	-	-	-	-	-	\$ 40,059	-	\$ 11,214	\$ 11,827
Other non-OR upper GI therapeutic procedures															
N	-	-	-	-	-	-	-	-	1	-	2	6	-	6	15
Avg\$	-	-	-	-	-	-	-	-	\$ 3,025	-	\$ 5,968	\$ 2,905	-	\$ 5,778	\$ 4,470
Other OR upper GI therapeutic procedures															
N	-	-	-	-	-	2	-	-	-	-	1	1	-	18	22
Avg\$	-	-	-	-	-	\$ 39,969	-	-	-	-	\$ 20,680	\$ 11,044	-	\$ 19,182	\$ 20,770
Other non-OR lower GI therapeutic procedures															
N	3	4	1	-	-	1	1	3	8	-	8	2	-	35	66
Avg\$	\$ 5,800	\$ 6,568	\$ 10,483	-	-	\$ 14,622	\$ 10,942	\$ 7,714	\$ 3,458	-	\$ 6,208	\$ 5,632	-	\$ 6,275	\$ 6,228
Other OR lower GI therapeutic procedures															
N	7	14	1	-	-	5	5	2	25	2	20	5	2	96	184
Avg\$	\$ 10,949	\$ 7,519	\$ 9,013	-	-	\$ 23,428	\$ 14,181	\$ 12,627	\$ 6,220	\$ 4,845	\$ 8,364	\$ 10,189	\$ 5,654	\$ 6,134	\$ 7,543
Other gastrointestinal diagnostic procedures															
N	1	4	-	-	-	-	3	-	-	1	-	-	-	112	121
Avg\$	\$ 4,150	\$ 4,602	-	-	-	-	\$ 6,450	-	-	\$ 3,615	-	-	-	\$ 3,634	\$ 3,740
Other non-OR gastrointestinal therapeutic procedures															
N	-	21	-	-	-	-	1	-	-	-	3	1	-	122	148
Avg\$	-	\$ 4,510	-	-	-	-	\$ 2,229	-	-	-	\$ 5,899	\$ 2,872	-	\$ 4,726	\$ 4,690
Other OR gastrointestinal therapeutic procedures															
N	-	-	-	-	-	1	1	-	-	-	5	2	-	61	70
Avg\$	-	-	-	-	-	\$ 28,068	\$ 7,501	-	-	-	\$ 11,725	\$ 7,777	-	\$ 10,159	\$ 10,421

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	BRAT	CVMC	COPL	GIFF	GRAC	MTA	NCTY	NEVT	NWST	PORT	RRMC	SWVT	SPRF	UVMC	Total
Endoscopy & endoscopic biopsy of the urinary tract															
N	7	21	9	18	-	5	5	24	9	4	378	8	-	956	1,444
Avg\$	\$ 10,989	\$ 6,988	\$ 7,134	\$ 9,751	-	\$ 7,055	\$ 14,670	\$ 11,907	\$ 7,918	\$ 15,584	\$ 1,970	\$ 9,382	-	\$ 1,715	\$ 2,389
Transurethral excision, drainage, rem urinary obstruction															
N	36	15	19	18	-	16	27	45	15	24	106	30	12	410	773
Avg\$	\$ 10,194	\$ 11,527	\$ 9,499	\$ 18,955	-	\$ 11,568	\$ 15,886	\$ 17,469	\$ 7,670	\$ 12,239	\$ 5,600	\$ 7,951	\$ 14,012	\$ 5,863	\$ 8,117
Ureteral catheterization															
N	11	74	4	6	-	5	11	21	18	9	8	11	2	101	281
Avg\$	\$ 11,484	\$ 6,667	\$ 10,026	\$ 11,322	-	\$ 7,264	\$ 15,681	\$ 14,126	\$ 8,009	\$ 10,017	\$ 7,819	\$ 6,780	\$ 11,683	\$ 10,858	\$ 9,696
Nephrotomy & nephrostomy															
N	1	-	-	-	-	-	-	-	-	-	8	-	-	137	146
Avg\$	\$ 27,826	-	-	-	-	-	-	-	-	-	\$ 4,465	-	-	\$ 13,898	\$ 13,476
Nephrectomy, partial or complete															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	27	27
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 32,705	\$ 32,705
Genitourinary incontinence procedures															
N	-	-	1	11	-	-	8	5	6	2	15	5	-	104	157
Avg\$	-	-	\$ 1,995	\$ 18,495	-	-	\$ 15,663	\$ 10,599	\$ 11,889	\$ 13,499	\$ 13,992	\$ 11,980	-	\$ 19,020	\$ 17,388
Extracorporeal lithotripsy, urinary															
N	36	77	36	42	-	14	32	22	30	31	121	108	20	277	846
Avg\$	\$ 15,886	\$ 13,011	\$ 9,494	\$ 15,596	-	\$ 7,986	\$ 25,883	\$ 24,796	\$ 9,130	\$ 17,191	\$ 19,567	\$ 20,618	\$ 19,565	\$ 15,834	\$ 16,827
Indwelling catheter															
N	1	-	-	-	-	-	-	-	2	-	360	-	-	302	665
Avg\$	\$ 111	-	-	-	-	-	-	-	\$ 4,285	-	\$ 482	-	-	\$ 373	\$ 443
Procedures on the urethra															
N	1	5	1	5	-	-	7	2	-	10	51	1	3	98	184
Avg\$	\$ 12,221	\$ 5,601	\$ 8,664	\$ 16,408	-	-	\$ 11,905	\$ 10,233	-	\$ 10,773	\$ 2,507	\$ 11,064	\$ 6,310	\$ 9,741	\$ 7,907
Other diagnostic procedures of urinary tract															
N	-	-	-	-	-	-	-	-	-	-	1	-	-	11	12
Avg\$	-	-	-	-	-	-	-	-	-	-	\$ 5,562	-	-	\$ 4,889	\$ 4,945
Other non-OR therapeutic procedures of urinary tract															
N	-	-	-	3	-	-	1	-	1	-	85	-	-	638	728
Avg\$	-	-	-	\$ 8,256	-	-	\$ 16,821	-	\$ 7,071	-	\$ 689	-	-	\$ 977	\$ 1,003
Other OR therapeutic procedures of urinary tract															
N	5	12	5	23	-	12	2	10	4	17	41	13	17	155	316
Avg\$	\$ 15,638	\$ 10,184	\$ 6,085	\$ 13,167	-	\$ 9,438	\$ 18,917	\$ 14,935	\$ 9,808	\$ 9,240	\$ 9,570	\$ 9,868	\$ 8,446	\$ 11,162	\$ 10,838

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Transurethral resection of prostate (TURP)															
N	-	13	6	-	-	-	6	-	-	16	11	33	2	39	126
Avg\$	-	\$ 17,251	\$ 13,432	-	-	-	\$ 31,626	-	-	\$ 22,541	\$ 11,652	\$ 11,967	\$ 12,241	\$ 12,513	\$ 15,007
Open prostatectomy															
N	-	-	-	-	-	-	-	-	-	1	-	-	-	110	111
Avg\$	-	-	-	-	-	-	-	-	-	\$ 53,586	-	-	-	\$ 28,991	\$ 29,213
Circumcision															
N	7	38	-	1	-	-	24	5	2	29	6	12	9	76	209
Avg\$	\$ 5,375	\$ 3,434	-	\$ 19,561	-	-	\$ 2,258	\$ 1,469	\$ 4,976	\$ 689	\$ 6,630	\$ 2,407	\$ 7,760	\$ 8,473	\$ 5,080
Diagnostic procedures, male genital															
N	23	1	-	-	-	12	6	-	1	1	41	4	-	218	307
Avg\$	\$ 1,736	\$ 6,051	-	-	-	\$ 7,221	\$ 760	-	\$ 1,578	\$ 7,695	\$ 4,898	\$ 1,542	-	\$ 2,414	\$ 2,866
Other non-OR therapeutic procedures, male genital															
N	-	9	-	1	-	1	6	2	2	-	39	-	5	67	132
Avg\$	-	\$ 6,142	-	\$ 17,986	-	\$ 7,986	\$ 12,187	\$ 10,944	\$ 5,468	-	\$ 5,478	-	\$ 6,432	\$ 5,978	\$ 6,315
Other OR therapeutic procedures, male genital															
N	9	11	2	4	-	1	11	9	5	11	23	14	15	254	369
Avg\$	\$ 10,906	\$ 11,850	\$ 9,049	\$ 19,568	-	\$ 17,775	\$ 19,422	\$ 17,399	\$ 10,973	\$ 11,136	\$ 15,404	\$ 9,087	\$ 13,416	\$ 15,166	\$ 14,702
Oophorectomy, unilateral & bilateral															
N	10	14	24	11	-	-	28	21	31	19	35	44	10	105	352
Avg\$	\$ 13,650	\$ 14,079	\$ 13,500	\$ 20,712	-	-	\$ 15,063	\$ 24,168	\$ 8,910	\$ 18,514	\$ 11,143	\$ 11,246	\$ 15,807	\$ 16,188	\$ 14,731
Other operations on ovary															
N	-	-	-	-	-	-	1	-	-	-	-	-	-	56	57
Avg\$	-	-	-	-	-	-	\$ 15,684	-	-	-	-	-	-	\$ 3,807	\$ 4,015
Ligation of fallopian tubes															
N	5	-	3	-	-	-	-	-	11	-	-	10	-	2	31
Avg\$	\$ 8,587	-	\$ 12,926	-	-	-	-	-	\$ 7,844	-	-	\$ 10,733	-	\$ 22,104	\$ 10,308
Removal of ectopic pregnancy															
N	1	-	1	-	-	-	-	-	2	-	2	1	-	3	10
Avg\$	\$ 11,414	-	\$ 14,788	-	-	-	-	-	\$ 11,550	-	\$ 15,288	\$ 12,940	-	\$ 13,641	\$ 13,374
Other operations on fallopian tubes															
N	-	1	-	-	-	-	-	-	-	-	-	-	1	-	2
Avg\$	-	\$ 12,288	-	-	-	-	-	-	-	-	-	-	\$ 21,197	-	\$ 16,742
Hysterectomy, abdominal & vaginal															
N	12	6	20	7	-	-	16	26	35	27	60	53	21	258	541
Avg\$	\$ 24,206	\$ 29,135	\$ 22,776	\$ 46,149	-	-	\$ 29,269	\$ 43,547	\$ 18,486	\$ 29,740	\$ 21,247	\$ 18,429	\$ 23,814	\$ 28,728	\$ 26,724

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.
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Table O-10
2020 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	UVMC	Total
Other excision of cervix & uterus															
N	7	5	23	3	-	-	3	14	53	15	31	26	15	49	244
Avg\$	\$ 15,227	\$ 7,697	\$ 10,485	\$ 20,491	-	-	\$ 18,329	\$ 20,835	\$ 7,563	\$ 8,076	\$ 10,269	\$ 9,704	\$ 8,905	\$ 12,441	\$ 10,779
Abortion (termination of pregnancy)															
N	4	-	-	-	-	-	-	-	-	2	-	3	-	49	58
Avg\$	\$ 9,948	-	-	-	-	-	-	-	-	\$ 7,440	-	\$ 5,061	-	\$ 8,176	\$ 8,112
D&C, aspiration after delivery or abortion															
N	3	14	5	4	-	-	6	11	12	8	14	29	-	42	148
Avg\$	\$ 7,888	\$ 8,594	\$ 8,792	\$ 9,908	-	-	\$ 9,767	\$ 9,897	\$ 4,877	\$ 5,244	\$ 9,153	\$ 5,780	-	\$ 7,608	\$ 7,505
Diagnostic dilatation & curettage (D&C)															
N	1	4	5	1	-	-	-	-	2	-	-	1	1	12	27
Avg\$	\$ 9,598	\$ 9,552	\$ 7,282	\$ 8,489	-	-	-	-	\$ 4,490	-	-	\$ 8,622	\$ 8,976	\$ 7,727	\$ 7,852
Repair cystocele & rectocele, oblit of vaginal vault															
N	1	-	1	12	-	-	7	-	10	-	-	3	14	83	131
Avg\$	\$ 24,899	-	\$ 13,052	\$ 19,777	-	-	\$ 18,228	-	\$ 10,902	-	-	\$ 14,471	\$ 17,400	\$ 16,299	\$ 16,425
Other diagnostic procedures, female organs															
N	29	193	5	15	-	4	28	31	41	25	439	1,280	18	156	2,264
Avg\$	\$ 10,037	\$ 2,253	\$ 8,542	\$ 12,229	-	\$ 191	\$ 9,042	\$ 10,827	\$ 4,419	\$ 7,197	\$ 1,686	\$ 818	\$ 7,181	\$ 5,705	\$ 2,080
Other non-OR therapeutic procedures, female organs															
N	1	-	6	5	-	-	-	1	3	-	349	1	2	226	594
Avg\$	\$ 5,484	-	\$ 7,465	\$ 11,199	-	-	-	\$ 17,586	\$ 3,487	-	\$ 2,906	\$ 6,279	\$ 5,055	\$ 1,846	\$ 2,663
Other OR therapeutic procedures, female organs															
N	5	8	2	4	-	1	39	5	16	4	51	16	17	128	296
Avg\$	\$ 18,439	\$ 17,448	\$ 11,983	\$ 28,565	-	\$ 32,631	\$ 27,596	\$ 19,598	\$ 7,270	\$ 20,198	\$ 9,654	\$ 9,222	\$ 11,231	\$ 17,332	\$ 16,295
Forceps, vacuum & breech delivery															
N	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Avg\$	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 7,334	\$ 7,334
Other procedures to assist delivery															
N	-	-	3	2	-	-	1	5	1	6	-	7	-	48	73
Avg\$	-	-	\$ 1,254	\$ 10,247	-	-	\$ 524	\$ 1,376	\$ 3,577	\$ 2,398	-	\$ 4,726	-	\$ 3,754	\$ 3,601
Fetal monitoring															
N	318	486	189	167	-	-	168	327	109	126	528	166	-	674	3,258
Avg\$	\$ 467	\$ 806	\$ 633	\$ 932	-	-	\$ 765	\$ 786	\$ 314	\$ 928	\$ 1,040	\$ 1,067	-	\$ 1,459	\$ 940
Other therapeutic obstetrical procedures															
N	-	-	-	-	-	-	-	1	-	-	-	1	-	20	22
Avg\$	-	-	-	-	-	-	-	\$ 18,761	-	-	-	\$ 4,719	-	\$ 9,288	\$ 9,511

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.

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Table O-10
2020 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	UVMC	Total
Partial excision bone															
N	3	19	12	16	-	3	3	14	30	4	89	31	1	119	344
Avg\$	\$ 8,204	\$ 12,501	\$ 14,080	\$ 18,613	-	\$ 4,968	\$ 15,393	\$ 16,611	\$ 8,489	\$ 13,472	\$ 11,408	\$ 10,805	\$ 6,462	\$ 10,383	\$ 11,405
Bunionectomy or repair of toe deformities															
N	5	13	22	59	-	1	-	25	30	23	26	62	1	136	403
Avg\$	\$ 13,725	\$ 18,521	\$ 17,140	\$ 27,956	-	\$ 32,148	-	\$ 17,570	\$ 8,951	\$ 13,406	\$ 15,941	\$ 16,357	\$ 4,479	\$ 8,659	\$ 14,876
Treatment, facial fracture or dislocation															
N	-	-	-	-	-	-	-	1	3	5	11	-	-	21	41
Avg\$	-	-	-	-	-	-	-	\$ 16,832	\$ 4,939	\$ 4,968	\$ 6,894	-	-	\$ 25,172	\$ 16,120
Treatment, fracture or disloc of radius & ulna															
N	23	41	40	1	-	-	27	15	22	19	102	22	17	96	425
Avg\$	\$ 15,574	\$ 15,633	\$ 21,133	\$ 54,755	-	-	\$ 28,916	\$ 20,232	\$ 11,704	\$ 17,239	\$ 7,682	\$ 16,375	\$ 19,445	\$ 15,099	\$ 15,276
Treatment, fracture or disloc of hip & femur															
N	1	1	-	-	-	-	-	-	1	-	-	-	1	3	7
Avg\$	\$ 17,533	\$ 7,101	-	-	-	-	-	-	\$ 15,962	-	-	-	\$ 12,290	\$ 19,549	\$ 15,933
Treatment, fracture or disloc of lower extremity															
N	28	41	58	13	-	-	21	11	42	8	107	40	18	145	532
Avg\$	\$ 15,923	\$ 17,927	\$ 19,464	\$ 34,393	-	-	\$ 34,211	\$ 29,750	\$ 14,024	\$ 30,048	\$ 9,503	\$ 17,972	\$ 13,859	\$ 18,800	\$ 17,562
Other fracture & dislocation procedure															
N	20	37	52	8	-	-	16	20	15	17	86	19	9	145	444
Avg\$	\$ 15,851	\$ 16,864	\$ 22,007	\$ 45,073	-	-	\$ 37,501	\$ 33,343	\$ 18,048	\$ 20,909	\$ 6,977	\$ 16,238	\$ 15,997	\$ 15,750	\$ 17,287
Arthroscopy															
N	10	25	31	3	-	-	1	6	15	11	46	17	7	94	266
Avg\$	\$ 20,439	\$ 21,347	\$ 24,168	\$ 59,583	-	-	\$ 16,067	\$ 55,061	\$ 31,486	\$ 42,588	\$ 16,401	\$ 23,393	\$ 26,087	\$ 27,667	\$ 25,897
Division of joint capsule, ligament or cartilage															
N	-	5	3	1	-	-	1	7	7	3	10	-	-	21	58
Avg\$	-	\$ 11,975	\$ 13,306	\$ 29,958	-	-	\$ 13,055	\$ 24,439	\$ 11,059	\$ 14,209	\$ 14,433	-	-	\$ 10,314	\$ 13,704
Excision of semilunar cartilage of knee															
N	80	51	61	16	-	-	14	41	73	21	98	57	16	220	748
Avg\$	\$ 6,827	\$ 10,460	\$ 11,674	\$ 21,360	-	-	\$ 17,495	\$ 18,283	\$ 7,623	\$ 18,993	\$ 8,253	\$ 7,742	\$ 7,457	\$ 8,430	\$ 9,769
Arthroplasty knee															
N	4	11	48	2	-	-	-	77	80	7	197	32	26	68	552
Avg\$	\$ 31,140	\$ 31,380	\$ 33,830	\$ 47,542	-	-	-	\$ 50,763	\$ 48,093	\$ 43,878	\$ 32,619	\$ 35,454	\$ 37,385	\$ 32,564	\$ 38,041
Hip replacement, total & partial															
N	2	32	17	1	-	-	-	60	16	8	137	46	-	95	414
Avg\$	\$ 24,995	\$ 25,749	\$ 33,540	\$ 43,168	-	-	-	\$ 46,363	\$ 54,974	\$ 54,492	\$ 30,025	\$ 30,397	-	\$ 34,267	\$ 34,666

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
2020 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	UVMC	Total
Arthroplasty other than hip or knee															
N	16	16	40	1	-	-	10	10	4	8	14	3	10	70	202
Avg\$	\$ 12,916	\$ 14,744	\$ 26,025	\$ 48,731	-	-	\$ 21,249	\$ 17,184	\$ 38,687	\$ 53,877	\$ 20,532	\$ 27,959	\$ 9,362	\$ 11,682	\$ 18,738
Arthrocentesis															
N	139	16	11	-	-	1	15	10	1	26	3,951	4	-	2,416	6,590
Avg\$	\$ 1,771	\$ 1,130	\$ 577	-	-	\$ 938	\$ 1,186	\$ 2,812	\$ 5,296	\$ 195	\$ 914	\$ 1,614	-	\$ 694	\$ 853
Injections & aspirations of muscles, tendons, etc.															
N	-	181	30	1	-	-	-	8	-	-	488	16	-	648	1,372
Avg\$	-	\$ 1,811	\$ 938	\$ 2,827	-	-	-	\$ 674	-	-	\$ 387	\$ 2,805	-	\$ 1,346	\$ 1,072
Amputation of lower extremity															
N	4	26	3	18	-	4	6	8	8	5	23	9	1	55	170
Avg\$	\$ 6,585	\$ 7,099	\$ 9,955	\$ 13,546	-	\$ 9,074	\$ 11,493	\$ 9,561	\$ 6,098	\$ 7,453	\$ 10,518	\$ 7,003	\$ 12,961	\$ 6,604	\$ 8,433
Spinal fusion															
N	-	-	-	-	-	-	-	-	17	-	1	-	-	54	72
Avg\$	-	-	-	-	-	-	-	-	\$ 31,798	-	\$ 28,421	-	-	\$ 40,765	\$ 38,476
Other diagnostic procedures on musculoskeletal system															
N	2	5	1	-	-	2	-	2	1	1	7	1	1	25	48
Avg\$	\$ 8,687	\$ 7,765	\$ 5,109	-	-	\$ 17,047	-	\$ 12,329	\$ 1,902	\$ 5,896	\$ 5,007	\$ 3,208	\$ 2,610	\$ 8,350	\$ 7,864
Other therapeutic procedures on muscles & tendons															
N	111	185	267	30	-	2	80	154	120	69	279	124	45	517	1,983
Avg\$	\$ 9,634	\$ 10,337	\$ 17,702	\$ 29,220	-	\$ 7,557	\$ 14,856	\$ 27,933	\$ 13,411	\$ 19,766	\$ 8,618	\$ 11,695	\$ 4,869	\$ 14,062	\$ 14,325
Other OR therapeutic procedures on bone															
N	31	44	29	9	-	2	8	22	26	11	43	35	6	176	442
Avg\$	\$ 5,223	\$ 9,455	\$ 11,713	\$ 30,276	-	\$ 5,795	\$ 9,696	\$ 18,969	\$ 7,101	\$ 9,503	\$ 10,831	\$ 13,681	\$ 6,445	\$ 13,471	\$ 12,081
Other OR therapeutic procedures on joints															
N	37	43	96	14	-	3	15	50	48	22	125	53	33	327	866
Avg\$	\$ 11,728	\$ 14,918	\$ 17,276	\$ 33,346	-	\$ 27,420	\$ 16,284	\$ 23,588	\$ 17,446	\$ 24,454	\$ 13,654	\$ 12,440	\$ 11,566	\$ 15,761	\$ 16,147
Other non-OR therapeutic procedures on musc system															
N	2	1	-	-	-	-	1	1	1	3	15	3	-	32	59
Avg\$	\$ 3,053	\$ 10,136	-	-	-	-	\$ 7,856	\$ 6,733	\$ 6,095	\$ 6,886	\$ 2,229	\$ 4,308	-	\$ 4,413	\$ 4,155
Other OR therapeutic procedures on musc system															
N	3	2	3	-	-	-	-	3	2	-	7	-	1	21	42
Avg\$	\$ 7,366	\$ 4,653	\$ 4,703	-	-	-	-	\$ 24,689	\$ 5,178	-	\$ 6,626	-	\$ 6,813	\$ 10,216	\$ 9,468
Breast biopsy & other diagnostic procedures on breast															
N	41	118	22	8	-	19	17	-	59	23	178	143	13	571	1,212
Avg\$	\$ 11,435	\$ 4,603	\$ 3,754	\$ 9,978	-	\$ 7,566	\$ 6,353	-	\$ 1,703	\$ 1,762	\$ 3,319	\$ 3,598	\$ 4,390	\$ 6,232	\$ 5,188

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
2020 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	UVMC	Total
Lumpectomy, quadrantectomy of breast															
N	18	53	11	1	-	4	7	3	10	8	64	52	3	274	508
Avg\$	\$ 11,518	\$ 15,389	\$ 19,007	\$ 12,264	-	\$ 29,874	\$ 20,785	\$ 32,208	\$ 4,592	\$ 8,422	\$ 14,653	\$ 10,752	\$ 6,398	\$ 12,515	\$ 13,119
Mastectomy															
N	9	6	1	1	-	-	2	2	11	-	14	5	-	94	145
Avg\$	\$ 21,909	\$ 22,969	\$ 23,790	\$ 50,308	-	-	\$ 41,731	\$ 48,093	\$ 15,048	-	\$ 17,669	\$ 16,143	-	\$ 25,223	\$ 23,816
Incision & drainage, skin & subcutaneous tissue															
N	17	6	3	5	-	-	3	3	14	1	30	7	3	116	208
Avg\$	\$ 5,069	\$ 7,010	\$ 9,523	\$ 11,530	-	-	\$ 11,763	\$ 7,581	\$ 2,428	\$ 3,781	\$ 3,274	\$ 5,206	\$ 7,091	\$ 1,162	\$ 2,889
Debridement of wound, infection or burn															
N	150	2	8	5	-	-	10	10	12	-	77	5	-	147	426
Avg\$	\$ 1,059	\$ 9,870	\$ 8,983	\$ 10,302	-	-	\$ 1,782	\$ 12,049	\$ 2,876	-	\$ 1,205	\$ 7,477	-	\$ 938	\$ 1,744
Excision of skin lesion															
N	33	40	14	37	-	12	18	37	98	31	206	65	24	3,421	4,036
Avg\$	\$ 2,537	\$ 7,489	\$ 8,970	\$ 13,697	-	\$ 8,981	\$ 10,796	\$ 12,712	\$ 2,432	\$ 6,902	\$ 3,641	\$ 6,501	\$ 4,037	\$ 1,949	\$ 2,521
Suture of skin & subcutaneous tissue															
N	1	11	1	8	-	-	4	-	6	24	99	5	2	364	525
Avg\$	\$ 7,171	\$ 7,923	\$ 9,235	\$ 14,462	-	-	\$ 10,647	-	\$ 6,057	\$ 4,629	\$ 4,043	\$ 7,901	\$ 5,848	\$ 2,365	\$ 3,280
Skin graft															
N	28	9	1	3	-	-	5	5	1	3	51	12	-	458	576
Avg\$	\$ 4,129	\$ 14,014	\$ 15,332	\$ 13,612	-	-	\$ 15,419	\$ 15,330	\$ 12,152	\$ 11,395	\$ 10,777	\$ 9,866	-	\$ 7,714	\$ 8,158
Other diagnostic proc on skin & subcutaneous tissue															
N	1	3	4	-	-	1	18	-	-	-	118	9	1	81	236
Avg\$	\$ 8,444	\$ 852	\$ 903	-	-	\$ 1,592	\$ 1,536	-	-	-	\$ 1,359	\$ 810	\$ 3,290	\$ 617	\$ 1,122
Other non-OR therapeutic procedures on skin & breast															
N	2	5	1,276	1	-	2	2	267	3	2	205	3	1	1,356	3,125
Avg\$	\$ 3,408	\$ 6,187	\$ 48	\$ 5,072	-	\$ 5,356	\$ 2,836	\$ 168	\$ 4,587	\$ 2,847	\$ 2,133	\$ 3,609	\$ 974	\$ 1,181	\$ 715
Other OR therapeutic procedures on skin & breast															
N	1	19	3	2	-	3	3	4	48	1	21	26	4	186	321
Avg\$	\$ 8,154	\$ 7,457	\$ 9,075	\$ 15,389	-	\$ 15,882	\$ 11,822	\$ 12,747	\$ 12,752	\$ 4,050	\$ 8,614	\$ 14,466	\$ 7,389	\$ 36,829	\$ 26,152
Total															
N	3,458	7,592	4,186	1,723	-	1,639	3,357	3,741	5,049	2,389	21,007	7,675	1,504	51,218	114,538
Avg\$	\$ 5,368	\$ 5,324	\$ 6,074	\$ 10,005	-	\$ 5,461	\$ 8,343	\$ 9,870	\$ 5,535	\$ 7,548	\$ 3,780	\$ 4,844	\$ 6,077	\$ 6,398	\$ 5,893

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-11
2020 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	SWVT	SPRF	UVMCC	Total
3390 Laboratory - Clinical	33,587	76,518	30,852	8,497	9,077	16,054	34,744	32,416	61,470	32,886	86,460	39,479	29,742	151,570	643,352
5400 Radiology - Diagnostic	7,328	13,452	9,183	1,073	1,238	2,226	3,584	4,906	8,348	5,372	12,250	12,486	969	39,364	121,779
7300 Drugs Charged to Patients	3,087	11,453	5,123	974	200	972	1,870	2,347	3,541	1,656	7,736	12,638	1,867	38,947	92,411
3180 Chemistry	-	-	-	-	4,689	2,760	1	19,334	14	-	-	41,878	-	17	68,693
3440 Mammography	3,815	6,261	1,550	1,619	-	1,160	2,729	2,604	3,471	2,740	7,019	5,468	2,339	17,304	58,079
Diagnostic	235	962	366	163	-	163	191	150	582	329	942	1,004	267	2,809	8,163
Screening	3,580	5,299	1,184	1,456	-	997	2,538	2,454	2,889	2,411	6,077	4,464	2,072	14,495	49,916
3630 Ultra Sound	2,844	5,193	1,883	1,092	341	893	2,411	1,162	4,598	2,216	6,595	6,015	1,191	13,208	49,642
3050 Bacteriology & Microbiology	-	-	-	-	134	-	-	4,825	1,542	-	5,445	24,263	-	104	36,313
5700 CT Scan	1,259	3,098	1,318	774	247	528	1,693	884	2,474	1,104	2,974	3,430	868	10,813	31,464
3350 Hematology	-	-	-	-	2,867	-	-	355	14	-	-	27,393	-	-	30,629
6600 Physical Therapy	1,064	5,384	944	2,109	675	995	221	2	633	1,293	838	1,638	533	12,598	28,927
5800 Magnetic Resonance Imaging (MRI)	1,599	2,514	1,041	835	-	426	958	1,024	1,864	970	3,065	2,396	803	9,321	26,816
3420 Laboratory - Pathological	1,408	912	647	81	-	426	658	761	3,177	1,794	777	2,469	953	11,316	25,379
3280 EKG and EEG	1,134	1,365	1,164	206	345	116	1,909	358	1,446	109	5,362	672	143	5,998	20,327
EKG	1,134	1,277	1,046	175	345	116	1,908	309	1,446	109	5,244	601	143	5,320	19,173
EEG	-	88	118	31	-	-	1	49	-	-	118	71	-	678	1,154
6400 Intravenous Therapy	817	3,497	762	101	83	-	641	562	1,265	768	1,081	4,797	822	1,724	16,920
3190 Chemotherapy	396	2,235	472	38	-	178	-	-	-	308	781	2,726	278	9,047	16,459
3260 Echocardiography	873	1,323	646	410	-	197	706	341	783	705	2,124	1,965	355	5,668	16,096
3140 Cardiology	108	615	35	30	-	40	44	227	48	774	1,887	1,062	1	7,746	12,617
7100 Medical Supplies Charged to Patients	3,022	359	971	706	-	162	27	-	1,162	997	385	1,995	1,279	537	11,602
3240 Cytology	-	613	-	-	-	23	1,054	1,452	243	-	3,541	1,633	-	1,252	9,811
3380 Immunology	-	41	-	-	19	-	-	669	45	-	-	8,868	-	11	9,786
3450 Nuclear Medicine - Diagnostic	407	1,471	178	173	-	-	274	363	496	276	1,259	860	151	3,517	8,664
PET Scan	-	298	-	-	-	-	-	-	-	-	172	357	-	295	1,122
All other	407	1,173	178	173	-	-	274	363	496	276	1,087	503	151	3,222	8,303

Table O-11
2020 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	SWVT	SPRF	UVMC	Total
5000 Operating Room	32	258	89	35	-	122	21	275	15	11	349	318	34	6,585	8,144
3650 Vascular Lab	414	522	254	106	3	231	298	189	-	227	908	626	229	3,868	7,875
6700 Occupational Therapy	336	1,093	125	182	63	104	84	-	20	74	225	353	16	4,291	6,966
3620 Stress Test	404	726	254	192	-	-	180	399	587	132	1,031	533	144	1,694	6,276
3480 Oncology	783	1	-	85	-	-	2	-	-	-	3,740	-	-	-	4,611
3370 Holter Monitor	47	570	89	104	-	21	271	525	203	1	438	-	78	1,293	3,640
5100 Recovery Room	25	67	54	11	-	17	16	69	21	2	98	144	33	2,877	3,434
3550 Psychiatric/Psychological Services	-	-	-	-	-	-	-	-	232	-	377	-	-	2,201	2,810
3040 Audiology	7	29	13	-	-	-	8	8	12	19	1,920	-	-	689	2,705
3540 Prosthetic Devices	-	355	70	1	-	-	20	-	6	-	-	5	5	2,145	2,607
5300 Anesthesiology	17	33	35	28	-	13	2	73	17	15	98	32	44	2,199	2,606
5500 Radiology - Therapeutic	-	398	-	-	-	-	-	-	-	-	240	141	-	1,584	2,363
6300 Blood Storing, Processing, & Trans.	217	177	41	18	2	11	83	63	158	44	123	161	114	1,055	2,267
6800 Speech Pathology	18	230	8	27	-	45	20	2	38	9	208	137	5	1,081	1,828
Total (not including subcategories)	65,048	140,763	57,801	19,507	19,983	27,720	54,529	76,195	97,943	54,502	159,334	206,581	42,996	371,624	1,393,898

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.

Table O-12
2020 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	152	\$ 20,899	473	\$ 13,506	49	\$ 18,842	80	\$ 17,735	75	\$ 4,494	829	\$ 14,770
Central Vermont Medical Center	249	\$ 24,054	504	\$ 9,715	38	\$ 22,359	22	\$ 16,074	10	\$ 3,838	823	\$ 14,735
Copley Hospital	49	\$ 14,904	265	\$ 5,111	24	\$ 21,028	28	\$ 18,562	12	\$ 2,099	378	\$ 8,292
Gifford Medical Center	20	\$ 25,919	198	\$ 17,673	9	\$ 33,159	40	\$ 18,084	38	\$ 4,516	305	\$ 17,085
Grace Cottage Family Health & Hospital	2	\$ 12,472	88	\$ 8,418	1	\$ 2,732	-	\$ -	4	\$ 6,443	95	\$ 8,361
Mt. Ascutney Hospital and Health Center	3	\$ 35,215	32	\$ 13,896	4	\$ 32,260	21	\$ 25,872	69	\$ 5,620	129	\$ 12,484
North Country Hospital	9	\$ 23,156	209	\$ 13,512	24	\$ 34,818	56	\$ 35,322	22	\$ 5,140	320	\$ 18,623
Northeastern Vermont Regional Hospital	109	\$ 26,960	346	\$ 10,622	22	\$ 30,240	133	\$ 45,404	9	\$ 6,242	619	\$ 21,606
Northwestern Medical Center	192	\$ 14,405	290	\$ 6,684	61	\$ 17,357	181	\$ 34,669	48	\$ 1,846	772	\$ 15,708
Porter Medical Center	59	\$ 19,969	245	\$ 9,602	39	\$ 30,465	40	\$ 30,900	3	\$ 5,190	386	\$ 15,467
Rutland Regional Medical Center	297	\$ 28,652	579	\$ 11,298	90	\$ 19,202	15	\$ 17,451	47	\$ 5,721	1,028	\$ 16,838
Southwestern Vermont Medical Center	143	\$ 21,270	467	\$ 11,733	53	\$ 19,111	26	\$ 25,329	7	\$ 6,320	696	\$ 14,707
Springfield Hospital	9	\$ 20,077	157	\$ 11,088	25	\$ 21,373	77	\$ 25,713	2	\$ 9,532	270	\$ 16,499
University of Vermont Medical Center	1,106	\$ 36,975	1,398	\$ 13,332	253	\$ 25,320	139	\$ 27,520	141	\$ 10,395	3,037	\$ 23,454
Total	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
Total for 2017	3,277	\$ 25,663	6,720	\$ 9,074	758	\$ 22,091	1,177	\$ 16,766	1,031	\$ 4,566	12,963	\$ 14,380
Total for 2016	3,160	\$ 25,338	6,830	\$ 8,704	742	\$ 21,589	1,094	\$ 17,394	1,369	\$ 3,559	13,195	\$ 13,606

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.

Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Table O-13

2020 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	2,971	\$ 15,774,906	487	\$ 2,782,345	3,458	\$ 18,557,251
Central Vermont Medical Center	7,533	\$ 40,024,813	59	\$ 393,037	7,592	\$ 40,417,849
Copley Hospital	4,148	\$ 24,818,748	38	\$ 606,664	4,186	\$ 25,425,412
Gifford Medical Center	1,681	\$ 16,491,157	42	\$ 747,913	1,723	\$ 17,239,070
Grace Cottage Family Health & Hospital	-	\$ -	-	\$ -	-	\$ -
Mt. Ascutney Hospital and Health Center	1,092	\$ 5,879,595	547	\$ 3,070,673	1,639	\$ 8,950,267
North Country Hospital	3,332	\$ 27,823,460	25	\$ 184,241	3,357	\$ 28,007,700
Northeastern Vermont Regional Hospital	3,449	\$ 35,235,258	292	\$ 1,687,720	3,741	\$ 36,922,978
Northwestern Medical Center	5,008	\$ 27,629,520	41	\$ 317,421	5,049	\$ 27,946,941
Porter Medical Center	2,156	\$ 16,259,621	233	\$ 1,773,626	2,389	\$ 18,033,247
Rutland Regional Medical Center	19,909	\$ 75,382,174	1,098	\$ 4,026,887	21,007	\$ 79,409,061
Southwestern Vermont Medical Center	5,528	\$ 25,797,132	2,147	\$ 11,379,292	7,675	\$ 37,176,423
Springfield Hospital	1,260	\$ 7,670,344	244	\$ 1,468,720	1,504	\$ 9,139,065
University of Vermont Medical Center	45,000	\$ 281,981,690	6,218	\$ 45,728,759	51,218	\$ 327,710,449
Total for 2020	103,067	\$ 600,768,418	11,471	\$ 74,167,297	114,538	\$ 674,935,715
Total for 2019	121,808	\$ 635,437,222	14,389	\$ 85,158,381	136,197	\$ 720,595,603
Total for 2018	116,638	\$ 594,535,276	13,591	\$ 81,208,602	130,229	\$ 675,743,878
Total for 2017	118,132	\$ 569,326,831	13,136	\$ 73,782,158	131,268	\$ 643,108,989
Total for 2016	119,784	\$ 564,833,445	12,862	\$ 69,911,138	132,646	\$ 634,744,584

Table O-13

2020 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	46,878	\$ 50,379,086	8,896	\$ 8,073,925	55,774	\$ 58,453,011
Central Vermont Medical Center	141,397	\$ 141,769,807	1,998	\$ 1,724,751	143,395	\$ 143,494,557
Copley Hospital	62,381	\$ 29,305,171	1,448	\$ 514,956	63,829	\$ 29,820,127
Gifford Medical Center	24,474	\$ 24,795,305	892	\$ 950,002	25,366	\$ 25,745,308
Grace Cottage Family Health & Hospital	11,118	\$ 6,811,327	410	\$ 208,523	11,528	\$ 7,019,850
Mt. Ascutney Hospital and Health Center	17,137	\$ 22,098,422	4,943	\$ 7,665,919	22,080	\$ 29,764,341
North Country Hospital	48,409	\$ 44,469,005	464	\$ 379,345	48,873	\$ 44,848,350
Northeastern Vermont Regional Hospital	53,485	\$ 37,657,627	1,624	\$ 1,742,852	55,109	\$ 39,400,479
Northwestern Medical Center	88,135	\$ 37,104,903	801	\$ 297,407	88,936	\$ 37,402,310
Porter Medical Center	46,011	\$ 33,288,887	2,877	\$ 2,225,678	48,888	\$ 35,514,565
Rutland Regional Medical Center	152,594	\$ 119,990,279	9,457	\$ 6,768,630	162,051	\$ 126,758,909
Southwestern Vermont Medical Center	104,234	\$ 108,927,472	33,305	\$ 38,407,700	137,539	\$ 147,335,172
Springfield Hospital	34,668	\$ 20,148,278	5,783	\$ 3,011,923	40,451	\$ 23,160,200
University of Vermont Medical Center	350,615	\$ 559,297,062	27,033	\$ 72,189,013	377,648	\$ 631,486,075
Total for 2020	1,181,536	\$ 1,236,042,631	99,931	\$ 144,160,623	1,281,467	\$ 1,380,203,255
Total for 2019	1,321,204	\$ 1,299,966,062	106,831	\$ 155,217,010	1,428,035	\$ 1,455,183,072
Total for 2018	1,365,886	\$ 1,232,020,938	106,553	\$ 140,401,704	1,472,439	\$ 1,372,422,642
Total for 2017	1,380,896	\$ 1,159,672,335	106,711	\$ 133,776,755	1,487,607	\$ 1,293,449,090
Total for 2016	1,449,640	\$ 1,144,209,326	105,764	\$ 118,169,831	1,555,404	\$ 1,262,379,157

Table O-13

**2020 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	49,849	66,153,992	9,383	10,856,270	59,232	\$ 77,010,262
Central Vermont Medical Center	148,930	\$ 181,794,619	2,057	\$ 2,117,787	150,987	\$ 183,912,407
Copley Hospital	66,529	\$ 54,123,920	1,486	\$ 1,121,620	68,015	\$ 55,245,540
Gifford Medical Center	26,155	\$ 41,286,462	934	\$ 1,697,915	27,089	\$ 42,984,378
Grace Cottage Family Health & Hospital	11,118	\$ 6,811,327	410	\$ 208,523	11,528	\$ 7,019,850
Mt. Ascutney Hospital and Health Center	18,229	\$ 27,978,016	5,490	\$ 10,736,591	23,719	\$ 38,714,608
North Country Hospital	51,741	\$ 72,292,465	489	\$ 563,585	52,230	\$ 72,856,051
Northeastern Vermont Regional Hospital	56,934	\$ 72,892,885	1,916	\$ 3,430,572	58,850	\$ 76,323,457
Northwestern Medical Center	93,143	\$ 64,734,423	842	\$ 614,828	93,985	\$ 65,349,251
Porter Medical Center	48,167	\$ 49,548,508	3,110	\$ 3,999,304	51,277	\$ 53,547,813
Rutland Regional Medical Center	172,503	\$ 195,372,453	10,555	\$ 10,795,517	183,058	\$ 206,167,970
Southwestern Vermont Medical Center	109,762	\$ 134,724,604	35,452	\$ 49,786,992	145,214	\$ 184,511,596
Springfield Hospital	35,928	\$ 27,818,622	6,027	\$ 4,480,643	41,955	\$ 32,299,265
University of Vermont Medical Center	395,615	\$ 841,278,752	33,251	\$ 117,917,772	428,866	\$ 959,196,524
Total for 2020	1,284,603	\$ 1,836,811,049	111,402	\$ 218,327,920	1,396,005	\$ 2,055,138,970
Total for 2019	1,443,012	\$ 1,935,403,284	121,220	\$ 240,375,391	1,564,232	\$ 2,175,778,674
Total for 2018	1,482,524	\$ 1,826,556,213	120,144	\$ 221,610,306	1,602,668	\$ 2,048,166,519
Total for 2017	1,499,028	\$ 1,728,999,166	119,847	\$ 207,558,913	1,618,875	\$ 1,936,558,079
Total for 2016	1,569,424	\$ 1,709,042,772	118,626	\$ 188,080,969	1,688,050	\$ 1,897,123,741

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 revenue record.

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

Table totals for 2016-2019 in reports prior to the 2020 Vermont Hospital Report will be reported different due to the use of the older CCS grouper.

Comparisons across Hospital Settings

Table C-1
2020 Vermont Hospital Data, including VT Residents and Non-residents
Summary of Discharges from Vermont Hospitals by Setting

Vermont Hospital	Inpatient Discharges		Outpatient Procedures		Emergency Department		Expanded Outpatient		Total	
	N	Col%	N	Col%	N	Col%	N	Col%	N	Col%
Brattleboro Memorial Hospital	1,451	3.5%	3,458	3.0%	10,612	5.6%	55,774	4.4%	71,295	4.4%
Central Vermont Medical Center	3,374	8.1%	7,592	6.6%	17,421	9.3%	143,395	11.2%	171,782	10.6%
Copley Hospital	1,517	3.7%	4,186	3.7%	9,942	5.3%	63,829	5.0%	79,474	4.9%
Gifford Medical Center	1,148	2.8%	1,723	1.5%	4,669	2.5%	25,366	2.0%	32,906	2.0%
Grace Cottage Family Health & Hospital	113	0.3%	0	0.0%	2,505	1.3%	11,528	0.9%	14,146	0.9%
Mt. Ascutney Hospital and Health Center	918	2.2%	1,639	1.4%	4,282	2.3%	22,080	1.7%	28,919	1.8%
North Country Hospital	1,182	2.8%	3,357	2.9%	10,666	5.7%	48,873	3.8%	64,078	3.9%
Northeastern Vermont Regional Hospital	1,022	2.5%	3,741	3.3%	9,309	5.0%	55,109	4.3%	69,181	4.3%
Northwestern Medical Center	1,848	4.4%	5,049	4.4%	17,275	9.2%	88,936	6.9%	113,108	7.0%
Porter Medical Center	949	2.3%	2,389	2.1%	13,752	7.3%	48,888	3.8%	65,978	4.1%
Rutland Regional Medical Center	5,623	13.5%	21,007	18.3%	21,160	11.3%	162,051	12.6%	209,841	12.9%
Southwestern Vermont Medical Center	2,803	6.7%	7,675	6.7%	17,337	9.2%	137,539	10.7%	165,354	10.2%
Springfield Hospital	943	2.3%	1,504	1.3%	10,415	5.5%	40,451	3.2%	53,313	3.3%
University of Vermont Medical Center	18,661	44.9%	51,218	44.7%	38,479	20.5%	377,648	29.5%	486,006	29.9%
Total	41,552	100.0%	114,538	100.0%	187,824	100.0%	1,281,467	100.0%	1,625,381	100.0%

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
2020 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\$
Certain Infectious and Parasitic Diseases	2,630	\$41,364	391	\$928	2,555	\$2,507	10,566	\$486	16,142	\$7,585
Neoplasms	1,551	\$58,608	9,704	\$7,114	436	\$6,755	66,853	\$3,444	78,544	\$5,040
Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	441	\$33,299	744	\$4,092	603	\$5,380	24,257	\$1,462	26,045	\$2,176
Endocrine, Nutritional and Metabolic Diseases	1,465	\$29,804	1,490	\$4,582	2,964	\$3,405	113,722	\$470	119,641	\$958
Mental, Behavioral and Neurodevelopmental Disorders	2,386	\$28,920	137	\$9,945	10,348	\$2,326	20,998	\$612	33,869	\$3,208
Diseases of the Nervous System	1,250	\$45,433	6,050	\$4,426	7,288	\$3,892	28,071	\$2,887	42,659	\$4,551
Diseases of the Eye and Adnexa	29	\$25,292	7,265	\$5,804	1,704	\$2,087	13,283	\$624	22,281	\$2,471
Diseases of the Ear and Mastoid Process	40	\$17,657	2,908	\$1,951	2,719	\$1,343	6,176	\$652	11,843	\$1,189
Diseases of the Circulatory System	7,414	\$44,908	2,927	\$15,265	15,298	\$4,382	136,258	\$844	161,897	\$3,494
Diseases of the Respiratory System	3,399	\$27,465	5,919	\$2,275	13,473	\$2,066	28,892	\$654	51,683	\$2,991
Diseases of the Digestive System	4,381	\$30,998	7,760	\$8,039	12,277	\$4,278	28,111	\$2,994	52,529	\$6,403
Diseases of the Skin and Subcutaneous Tissue	734	\$20,542	3,716	\$1,360	6,478	\$1,428	21,782	\$820	32,710	\$1,452
Diseases of the Musculoskeletal System and Connective Tissue	3,162	\$43,441	19,360	\$6,176	14,286	\$2,178	154,561	\$1,203	191,369	\$2,502
Diseases of the Genitourinary System	1,837	\$27,823	9,991	\$10,473	9,254	\$3,840	70,152	\$908	91,234	\$2,822
Pregnancy, Childbirth and the Puerperium	5,017	\$13,917	3,580	\$1,499	2,139	\$2,687	29,784	\$574	40,520	\$2,492
Certain Conditions Originating in the Perinatal Period	3	\$13,569	16	\$1,633	78	\$1,484	1,036	\$334	1,133	\$11,127
Congenital Malformations, Deformations and Chromosomal Abnormalities	119	\$68,107	315	\$13,091	50	\$4,699	3,274	\$1,598	3,758	\$4,779
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	1,077	\$23,585	9,537	\$3,097	35,683	\$3,281	169,638	\$787	215,935	\$1,421
Injury, Poisoning and Certain Other Consequences of External Causes	3,785	\$48,860	4,012	\$14,302	46,053	\$2,365	42,771	\$812	96,621	\$4,057
External Causes of Morbidity	-	\$0	-	\$0	-	\$0	-	\$0	-	\$0
Factors Influencing Health Status and Contact with Health Services	832	\$34,403	18,716	\$3,926	4,138	\$1,908	311,282	\$1,004	334,968	\$1,274
Total Discharges and Average Charges	41,552	\$33,024	114,538	\$5,893	187,824	\$2,905	1,281,467	\$1,107	1,625,381	\$2,592
Total Charges	\$1,534,316,171		\$674,935,715		\$545,601,139		\$1,380,203,255		\$4,135,056,279	

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
2020 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	684	\$ 70,746	13,584	\$ 3,939	197	\$ 1,470	-	\$ -	14,465	\$ 7,108
Operations on the endocrine system	37	\$ 60,948	222	\$ 14,959	-	\$ -	-	\$ -	259	\$ 21,529
Operations on the eye	11	\$ 37,972	7,890	\$ 5,717	51	\$ 12,464	-	\$ -	7,952	\$ 5,805
Operations on the ear	40	\$ 35,753	2,465	\$ 2,212	29	\$ 861	-	\$ -	2,534	\$ 2,726
Operations on the nose, mouth, and pharynx	139	\$ 41,352	2,880	\$ 4,227	346	\$ 2,384	-	\$ -	3,365	\$ 6,126
Operations on the respiratory system	651	\$ 69,910	9,388	\$ 1,561	15	\$ 10,303	-	\$ -	10,054	\$ 6,018
Operations on the cardiovascular system	2,982	\$ 87,952	6,676	\$ 10,235	151	\$ 15,773	-	\$ -	9,809	\$ 34,373
Operations on the hemic and lymphatic system	137	\$ 91,481	377	\$ 10,982	1	\$ 24,101	-	\$ -	515	\$ 32,422
Operations on the digestive system	2,975	\$ 49,264	28,716	\$ 6,321	916	\$ 18,443	-	\$ -	32,607	\$ 10,612
Operations on the urinary system	676	\$ 45,179	5,579	\$ 6,851	126	\$ 16,448	-	\$ -	6,381	\$ 11,101
Operations on the male genital organs	87	\$ 10,979	1,254	\$ 10,633	39	\$ 11,226	-	\$ -	1,380	\$ 10,829
Operations on the female genital organs	215	\$ 40,896	4,745	\$ 7,990	144	\$ 12,508	-	\$ -	5,104	\$ 9,504
Obstetrical procedures	4,538	\$ 14,134	3,364	\$ 1,092	20	\$ 16,954	-	\$ -	7,922	\$ 8,603
Operations on the musculoskeletal system	4,285	\$ 53,908	16,080	\$ 9,227	1,946	\$ 5,521	-	\$ -	22,311	\$ 17,487
Operations on the integumentary system	882	\$ 50,458	11,318	\$ 3,997	4,850	\$ 1,329	-	\$ -	17,050	\$ 5,652
Miscellaneous diagnostic and therapeutic procs	572	\$ 79,444	-	\$ -	178,919	\$ 2,808	534,830	\$ 2,147	714,321	\$ 2,381
New Categories specific to CPT/HCPCS	-	\$ -	-	\$ -	74	\$ 1,381	421,882	\$ 410	421,956	\$ 410
Total Discharges and Average Charges	18,911	\$ 47,715	114,538	\$ 5,893	187,824	\$ 2,905	956,712	\$ 1,381	1,277,985	\$ 2,754
Total charges		\$983,119,047		\$674,935,715		\$545,601,139		\$1,321,002,970		\$3,524,658,871

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

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: Infectious and Parasitic Diseases

- 1 Tuberculosis
- 2 Septicemia
- 3 Bacterial infections
- 4 Fungal infections
- 5 Foodborne intoxications
- 6 HIV infection
- 7 Hepatitis
- 8 Viral infection
- 9 Parasitic, other specified and unspecified infections
- 10 Sexually transmitted infections (excluding HIV and hepatitis)
- 11 Sequela of specified infectious disease conditions
- 12 Coronavirus disease – 2019 (COVID-19)

CCSR High Level Diagnosis Group 2: Neoplasms

- 13 Head and neck cancers - eye
- 14 Head and neck cancers - lip and oral cavity
- 15 Head and neck cancers - throat
- 16 Head and neck cancers - salivary gland
- 17 Head and neck cancers - nasopharyngeal
- 18 Head and neck cancers - hypopharyngeal
- 19 Head and neck cancers - pharyngeal
- 20 Head and neck cancers - laryngeal
- 21 Head and neck cancers - tonsils
- 22 Head and neck cancers - all other types
- 23 Cardiac cancers
- 24 Gastrointestinal cancers - esophagus
- 25 Gastrointestinal cancers - stomach
- 26 Gastrointestinal cancers - small intestine
- 27 Gastrointestinal cancers – colorectal

- 28 Gastrointestinal cancers - anus
- 29 Gastrointestinal cancers - liver
- 30 Gastrointestinal cancers - bile duct
- 31 Gastrointestinal cancers - gallbladder
- 32 Gastrointestinal cancers - peritoneum
- 33 Gastrointestinal cancers - all other types
- 34 Respiratory cancers
- 35 Bone cancer
- 36 Sarcoma
- 37 Skin cancers - melanoma
- 38 Skin cancers - basal cell carcinoma
- 39 Skin cancers - squamous cell carcinoma
- 40 Skin cancers - all other types
- 41 Breast cancer - ductal carcinoma in situ (DCIS)
- 42 Breast cancer - all other types
- 43 Female reproductive system cancers - uterus
- 44 Female reproductive system cancers - cervix
- 45 Female reproductive system cancers - ovary
- 46 Female reproductive system cancers - fallopian tube
- 47 Female reproductive system cancers - endometrium
- 48 Female reproductive system cancers - vulva
- 49 Female reproductive system cancers - vagina
- 50 Female reproductive system cancers - all other types
- 51 Male reproductive system cancers - prostate
- 52 Male reproductive system cancers - testis
- 53 Male reproductive system cancers - penis
- 54 Male reproductive system cancers - all other types
- 55 Urinary system cancers - bladder
- 56 Urinary system cancers - ureter and renal pelvis
- 57 Urinary system cancers - kidney
- 58 Urinary system cancers - urethra
- 59 Urinary system cancers - all other types
- 60 Nervous system cancers – brain

- 61 Nervous system cancers - all other types
- 62 Endocrine system cancers - thyroid
- 63 Endocrine system cancers - pancreas
- 64 Endocrine system cancers - thymus
- 65 Endocrine system cancers - adrenocortical
- 66 Endocrine system cancers - parathyroid
- 67 Endocrine system cancers - pituitary gland
- 68 Endocrine system cancers - all other types
- 69 Hodgkin lymphoma
- 70 Non-Hodgkin lymphoma
- 71 Leukemia - acute lymphoblastic leukemia (ALL)
- 72 Leukemia - acute myeloid leukemia (AML)
- 73 Leukemia - chronic lymphocytic leukemia (CLL)
- 74 Leukemia - chronic myeloid leukemia (CML)
- 75 Leukemia - hairy cell
- 76 Leukemia - all other types
- 77 Multiple myeloma
- 78 Malignant neuroendocrine tumors
- 79 Mesothelioma
- 80 Myelodysplastic syndrome (MDS)
- 81 Cancer of other sites
- 82 Secondary malignancies
- 83 Malignant neoplasm, unspecified
- 84 Neoplasms of unspecified nature or uncertain behavior
- 85 Benign neoplasms
- 86 Conditions due to neoplasm or the treatment of neoplasm

CCSR High Level Diagnosis Group 3: Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism

- 87 Nutritional anemia
- 88 Hemolytic anemia
- 89 Aplastic anemia
- 90 Acute posthemorrhagic anemia
- 91 Sickle cell trait/anemia
- 92 Coagulation and hemorrhagic disorders
- 93 Diseases of white blood cells
- 94 Immunity disorders

- 95 Postprocedural or postoperative complications of the spleen
- 96 Other specified and unspecified hematologic conditions

CCSR High Level Diagnosis Group 4: Endocrine, Nutritional and Metabolic Diseases

- 97 Thyroid disorders
- 98 Diabetes mellitus without complication
- 99 Diabetes mellitus with complication
- 100 Diabetes mellitus, Type 1
- 101 Diabetes mellitus, Type 2
- 102 Diabetes mellitus, due to underlying condition, drug or chemical induced, or other specified type
- 103 Nutritional deficiencies
- 104 Malnutrition'
- 105 Obesity
- 106 Disorders of lipid metabolism
- 107 Fluid and electrolyte disorders
- 108 Cystic fibrosis
- 109 Pituitary disorders
- 110 Postprocedural or postoperative endocrine or metabolic complication
- 111 Other specified and unspecified endocrine disorders
- 112 Other specified and unspecified nutritional and metabolic disorders
- 113 Sequela of malnutrition and other nutritional deficiencies

CCSR High Level Diagnosis Group 5: Mental, Behavioral and Neurodevelopmental Disorders

- 114 Schizophrenia spectrum and other psychotic disorders
- 115 Depressive disorders
- 116 Bipolar and related disorders
- 117 Other specified and unspecified mood disorders
- 118 Anxiety and fear-related disorders
- 119 Obsessive-compulsive and related disorders
- 120 Trauma- and stressor-related disorders
- 121 Disruptive, impulse-control and conduct disorders

- 122 Personality disorders
- 123 Feeding and eating disorders
- 124 Somatic disorders
- 125 Suicidal ideation/attempt/intentional self-harm
- 126 Miscellaneous mental and behavioral disorders/conditions
- 127 Neurodevelopmental disorders
- 128 Alcohol-related disorders
- 129 Opioid-related disorders
- 130 Cannabis-related disorders
- 131 Sedative-related disorders
- 132 Stimulant-related disorders
- 133 Hallucinogen-related disorders
- 134 Inhalant-related disorders
- 135 Tobacco-related disorders
- 136 Other specified substance-related disorders
- 137 Mental and substance use disorders in remission
- 138 Suicide attempt/intentional self-harm; subsequent encounter
- 139 Opioid-related disorders; subsequent encounter
- 140 Stimulant-related disorders; subsequent encounter
- 141 Cannabis-related disorders; subsequent encounter
- 142 Hallucinogen-related disorders; subsequent encounter
- 143 Sedative-related disorders; subsequent encounter
- 144 Inhalant-related disorders; subsequent encounter
- 145 Mental and substance use disorders; sequela

CCSR High Level Diagnosis Group 6: Diseases of the Nervous System

- 146 Meningitis
- 147 Encephalitis
- 148 Other specified CNS infection and poliomyelitis
- 149 Parkinson`s disease
- 150 Multiple sclerosis
- 151 Other specified hereditary and degenerative nervous system conditions
- 152 Cerebral palsy
- 153 Paralysis (other than cerebral palsy)
- 154 Epilepsy; convulsions

- 155 Headache; including migraine
- 156 Neurocognitive disorders
- 157 Transient cerebral ischemia
- 158 Coma; stupor; and brain damage
- 159 CNS abscess
- 160 Polyneuropathies
- 161 Sleep wake disorders
- 162 Nerve and nerve root disorders
- 163 Myopathies
- 164 Nervous system pain and pain syndromes
- 165 Other specified nervous system disorders
- 166 Postprocedural or postoperative nervous system complication
- 167 Sequela of specified nervous system conditions

CCSR High Level Diagnosis Group 7: Diseases of the Eye and Adnexa

- 168 Cornea and external disease
- 169 Cataract and other lens disorders
- 170 Glaucoma
- 171 Uveitis and ocular inflammation
- 172 Retinal and vitreous conditions
- 173 Neuro-ophthalmology
- 174 Strabismus
- 175 Oculofacial plastics and orbital conditions
- 176 Refractive error
- 177 Blindness and vision defects
- 178 Postprocedural or postoperative eye complication
- 179 Other specified eye disorders

CCSR High Level Diagnosis Group 8: Diseases of the Ear and Mastoid Process

- 180 Otitis media
- 181 Diseases of middle ear and mastoid (except otitis media)
- 182 Diseases of inner ear and related conditions
- 183 Hearing loss
- 184 Postprocedural or postoperative ear and/or mastoid process complication
- 185 Other specified and unspecified disorders of the ear

CCSR High Level Diagnosis Group 9: Diseases of the Circulatory System

- 186 Chronic rheumatic heart disease
- 187 Acute rheumatic heart disease
- 188 Nonrheumatic and unspecified valve disorders
- 189 Endocarditis and endocardial disease
- 190 Myocarditis and cardiomyopathy
- 191 Pericarditis and pericardial disease
- 192 Essential hypertension
- 193 Hypertension with complications and secondary hypertension
- 194 Acute myocardial infarction
- 195 Complications of acute myocardial infarction
- 196 Coronary atherosclerosis and other heart disease
- 197 Nonspecific chest pain
- 198 Acute pulmonary embolism
- 199 Pulmonary heart disease
- 200 Other and ill-defined heart disease
- 201 Conduction disorders
- 202 Cardiac dysrhythmias
- 203 Cardiac arrest and ventricular fibrillation
- 204 Heart failure
- 205 Cerebral infarction
- 206 Acute hemorrhagic cerebrovascular disease
- 207 Sequela of hemorrhagic cerebrovascular disease
- 208 Occlusion or stenosis of precerebral or cerebral arteries without infarction
- 209 Other and ill-defined cerebrovascular disease
- 210 Sequela of cerebral infarction and other cerebrovascular disease
- 211 Peripheral and visceral vascular disease
- 212 Arterial dissections
- 213 Gangrene
- 214 Aortic; peripheral; and visceral artery aneurysms
- 215 Aortic and peripheral arterial embolism or thrombosis
- 216 Hypotension
- 217 Other specified and unspecified circulatory disease
- 218 Acute phlebitis; thrombophlebitis and thromboembolism

- 219 Chronic phlebitis; thrombophlebitis and thromboembolism
- 220 Varicose veins of lower extremity
- 221 Postthrombotic syndrome and venous insufficiency/hypertension
- 222 Vasculitis
- 223 Postprocedural or postoperative circulatory system complication
- 224 Other specified diseases of veins and lymphatics

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

- 225 Sinusitis
- 226 Pneumonia (except that caused by tuberculosis)
- 227 Influenza
- 228 Acute and chronic tonsillitis
- 229 Acute bronchitis
- 230 Other specified upper respiratory infections
- 231 Other specified and unspecified upper respiratory disease
- 232 Chronic obstructive pulmonary disease and bronchiectasis
- 233 Asthma
- 234 Aspiration pneumonitis
- 235 Pleurisy, pleural effusion and pulmonary collapse
- 236 Respiratory failure; insufficiency; arrest
- 237 Lung disease due to external agents
- 238 Pneumothorax
- 239 Mediastinal disorders
- 240 Other specified and unspecified lower respiratory disease
- 241 Postprocedural or postoperative respiratory system complication

CCSR High Level Diagnosis Group 11: Diseases of the Digestive System

- 242 Intestinal infection
- 243 Disorders of teeth and gingiva
- 244 Diseases of mouth; excluding dental
- 245 Esophageal disorders
- 246 Gastroduodenal ulcer
- 247 Gastrointestinal and biliary perforation
- 248 Gastritis and duodenitis
- 249 Other specified and unspecified disorders of stomach and duodenum

250 Appendicitis and other appendiceal conditions
251 Abdominal hernia
252 Regional enteritis and ulcerative colitis
253 Intestinal obstruction and ileus
254 Diverticulosis and diverticulitis
255 Hemorrhoids
256 Anal and rectal conditions
257 Peritonitis and intra-abdominal abscess
258 Biliary tract disease
259 Hepatic failure
260 Other specified and unspecified liver disease
261 Pancreatic disorders (excluding diabetes)
262 Gastrointestinal hemorrhage
263 Noninfectious gastroenteritis
264 Noninfectious hepatitis
265 Postprocedural or postoperative digestive system complication
266 Other specified and unspecified gastrointestinal disorders

CCSR High Level Diagnosis Group 12: Diseases of the Skin and Subcutaneous Tissue

267 Skin and subcutaneous tissue infections
268 Other specified inflammatory condition of skin
269 Pressure ulcer of skin
270 Non-pressure ulcer of skin
271 Contact dermatitis
272 Postprocedural or postoperative skin complication
273 Other specified and unspecified skin disorders

CCSR High Level Diagnosis Group 13: Diseases of the Musculoskeletal System and Connective Tissue

274 Infective arthritis
275 Osteomyelitis
276 Rheumatoid arthritis and related disease
277 Juvenile arthritis
278 Other specified chronic arthropathy
279 Osteoarthritis

280 Other specified joint disorders
281 Immune-mediated/reactive arthropathies
282 Tendon and synovial disorders
283 Musculoskeletal pain, not low back pain
284 Spondylopathies/spondyloarthropathy (including infective)
285 Biomechanical lesions
286 Osteoporosis
287 Pathological fracture, initial encounter
288 Pathological fracture, subsequent encounter
289 Stress fracture, initial encounter'
290 Stress fracture, subsequent encounter
291 Atypical fracture, initial encounter
292 Atypical fracture, subsequent encounter
293 Pathological, stress and atypical fractures, sequela
294 Acquired foot deformities
295 Scoliosis and other postural dorsopathic deformities
296 Acquired deformities (excluding foot)
297 Systemic lupus erythematosus and connective tissue disorders
298 Other specified connective tissue disease
299 Muscle disorders
300 Musculoskeletal abscess
301 Other specified bone disease and musculoskeletal deformities
302 Disorders of jaw'
303 Aseptic necrosis and osteonecrosis
304 Traumatic arthropathy
305 Neurogenic/neuropathic arthropathy
306 Gout
307 Crystal arthropathies (excluding gout)
308 Osteomalacia
309 Autoinflammatory syndromes
310 Postprocedural or postoperative musculoskeletal system complication
311 Low back pain

CCSR High Level Diagnosis Group 14: Diseases of the Genitourinary System

312 Nephritis; nephrosis; renal sclerosis
313 Acute and unspecified renal failure

- 314 Chronic kidney disease
- 315 Urinary tract infections
- 316 Calculus of urinary tract
- 317 Other specified and unspecified diseases of kidney and ureters
- 318 Other specified and unspecified diseases of bladder and urethra
- 319 Urinary incontinence
- 320 Hematuria
- 321 Proteinuria
- 322 Vesicoureteral reflux
- 323 Hyperplasia of prostate
- 324 Inflammatory conditions of male genital organs
- 325 Erectile dysfunction
- 326 Male infertility
- 327 Other specified male genital disorders
- 328 Nonmalignant breast conditions
- 329 Inflammatory diseases of female pelvic organs
- 330 Endometriosis
- 331 Prolapse of female genital organs
- 332 Menstrual disorders
- 333 Benign ovarian cyst
- 334 Menopausal disorders
- 335 Female infertility
- 336 Other specified female genital disorders
- 337 Postprocedural or postoperative genitourinary system complication

CCSR High Level Diagnosis Group 15: Pregnancy, Childbirth and the Puerperium

- 338 Antenatal screening
- 339 Gestational weeks
- 340 Spontaneous abortion and complications of spontaneous abortion
- 341 Induced abortion and complications of termination of pregnancy
- 342 Ectopic pregnancy and complications of ectopic pregnancy

- 343 Molar pregnancy and other abnormal products of conception
- 344 Complications following ectopic and/or molar pregnancy
- 345 Supervision of high-risk pregnancy
- 346 Early, first or unspecified trimester hemorrhage
- 347 Hemorrhage after first trimester
- 348 Early or threatened labor
- 349 Multiple gestation
- 350 Maternal care related to fetal conditions
- 351 Polyhydramnios and other problems of amniotic cavity
- 352 Obstetric history affecting care in pregnancy
- 353 Previous C-section
- 354 Maternal care for abnormality of pelvic organs
- 355 Maternal care related to disorders of the placenta and placental implantation
- 356 Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium
- 357 Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium
- 358 Maternal intrauterine infection
- 359 Prolonged pregnancy
- 360 Complications specified during childbirth
- 361 Malposition, disproportion or other labor complications
- 362 Anesthesia complications during pregnancy
- 363 OB-related trauma to perineum and vulva
- 364 Complications specified during the puerperium
- 365 Other specified complications in pregnancy
- 366 Uncomplicated pregnancy, delivery or puerperium
- 367 Maternal outcome of delivery

CCSR High Level Diagnosis Group 16: Certain Conditions Originating in the Perinatal Period

- 368 Liveborn
- 369 Short gestation; low birth weight; and fetal growth retardation
- 370 Neonatal acidemia and hypoxia
- 371 Neonatal cerebral disorders
- 372 Respiratory distress syndrome
- 373 Respiratory perinatal condition
- 374 Hemolytic jaundice and perinatal jaundice

- 375 Birth trauma
- 376 Perinatal infections
- 377 Newborn affected by maternal conditions or complications of labor/delivery
- 378 Hemorrhagic and hematologic disorders of newborn
- 379 Neonatal digestive and feeding disorders
- 380 Other specified and unspecified perinatal conditions
- 381 Neonatal abstinence syndrome
- 382 Fetal alcohol syndrome

CCSR High Level Diagnosis Group 17: Congenital Malformations, Deformations and Chromosomal Abnormalities

- 383 Cardiac and circulatory congenital anomalies
- 384 Digestive congenital anomalies
- 385 Genitourinary congenital anomalies
- 386 Nervous system congenital anomalies
- 387 Congenital malformations of eye, ear, face, neck
- 388 Cleft lip or palate
- 389 Respiratory congenital malformations
- 390 Musculoskeletal congenital conditions
- 391 Chromosomal abnormalities
- 392 Other specified and unspecified congenital anomalies

CCSR High Level Diagnosis Group 18: Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified

- 393 Syncope
- 394 Fever
- 395 Shock
- 396 Nausea and vomiting
- 397 Dysphagia
- 398 Abdominal pain and other digestive/abdomen signs and symptoms
- 399 Malaise and fatigue
- 400 Symptoms of mental and substance use conditions
- 401 Abnormal findings related to substance use

- 402 Nervous system signs and symptoms
- 403 Genitourinary signs and symptoms
- 404 Circulatory signs and symptoms
- 405 Respiratory signs and symptoms
- 406 Skin/Subcutaneous signs and symptoms
- 407 General sensation/perception signs and symptoms
- 408 Other general signs and symptoms
- 409 Abnormal findings without diagnosis

CCSR High Level Diagnosis Group 19: Injury, Poisoning and Certain Other Consequences of External Causes

- 410 Fracture of head and neck, initial encounter
- 411 Fracture of the spine and back, initial encounter
- 412 Fracture of torso, initial encounter
- 413 Fracture of the upper limb, initial encounter'
- 414 Fracture of the lower limb (except hip), initial encounter
- 415 Fracture of the neck of the femur (hip), initial encounter
- 416 Dislocations, initial encounter
- 417 Traumatic brain injury (TBI); concussion, initial encounter
- 418 Spinal cord injury (SCI), initial encounter
- 419 Internal organ injury, initial encounter
- 420 Open wounds of head and neck, initial encounter
- 421 Open wounds to limbs, initial encounter
- 422 Open wounds of trunk, initial encounter
- 423 Amputation of a limb, initial encounter
- 424 Amputation of other body parts, initial encounter
- 425 Injury to blood vessels, initial encounter
- 426 Superficial injury; contusion, initial encounter
- 427 Crushing injury, initial encounter
- 428 Burn and corrosion, initial encounter
- 429 Effect of foreign body entering opening, initial encounter
- 430 Effect of other external causes, initial encounter'
- 431 Poisoning by drugs, initial encounter
- 432 Toxic effects, initial encounter
- 433 Sprains and strains, initial encounter
- 434 Injury to nerves, muscles and tendons, initial encounter
- 435 Other specified injury
- 436 Other unspecified injury
- 437 Adverse effects of drugs and medicaments, initial encounter

438 Underdosing of drugs and medicaments, initial encounter
439 Drug induced or toxic related condition
440 Allergic reactions
441 Maltreatment/abuse
442 Complication of cardiovascular device, implant or graft, initial encounter
443 Complication of genitourinary device, implant or graft, initial encounter
444 Complication of internal orthopedic device or implant, initial encounter
445 Complication of transplanted organs or tissue, initial encounter
446 Complication of other surgical or medical care, injury, initial encounter
447 Fracture of head and neck, subsequent encounter
448 Fracture of the spine and back, subsequent encounter
449 Fracture of torso, subsequent encounter
450 Fracture of the upper limb, subsequent encounter
451 Fracture of lower limb (except hip), subsequent encounter
452 Fracture of the neck of the femur (hip), subsequent encounter
453 Dislocations, subsequent encounter
454 Traumatic brain injury (TBI); concussion, subsequent encounter
455 Spinal cord injury (SCI), subsequent encounter
456 Internal organ injury, subsequent encounter
457 Open wounds of head and neck, subsequent encounter
458 Open wounds to limbs, subsequent encounter
459 Open wounds of trunk, subsequent encounter
460 Amputation of a limb, subsequent encounter
461 Amputation of other body parts, subsequent encounter
462 Injury to blood vessels, subsequent encounter
463 Superficial injury; contusion, subsequent encounter
464 Crushing injury, subsequent encounter
465 Burns and corrosion, subsequent encounter
466 Effect of foreign body entering opening, subsequent encounter

467 Effect of other external causes, subsequent encounter
468 Poisoning by drugs, subsequent encounter
469 Toxic effects, subsequent encounter
470 Sprains and strains, subsequent encounter
471 Injury to nerves, muscles and tendons, subsequent encounter
472 Other specified injury, subsequent encounter
473 Other unspecified injuries, subsequent encounter
474 Adverse effects of drugs and medicaments, subsequent encounter
475 Underdosing of drugs and medicaments, subsequent encounter
476 Allergic reactions, subsequent encounter
477 Maltreatment/abuse, subsequent encounter
478 Complication of cardiovascular device, implant or graft, subsequent encounter
479 Complication of genitourinary device, implant or graft, subsequent encounter
480 Complication of internal orthopedic device or implant, subsequent encounter
481 Complication of other surgical or medical care, injury, subsequent encounter
482 Injury, sequela
483 Effect of other external causes, sequela
484 Poisoning/toxic effect/adverse effects/underdosing, sequela
485 Complication, sequela

CCSR High Level Diagnosis Group 20: External Causes of Morbidity

486 External cause codes: cut/pierce; initial encounter
487 External cause codes: drowning/submersion; initial encounter
488 External cause codes: fall; initial encounter
489 External cause codes: fire/burn; initial encounter
490 External cause codes: firearm; initial encounter
491 External cause codes: machinery; initial encounter
492 External cause codes: motor vehicle traffic (MVT); initial encounter
493 External cause codes: pedal cyclist; not MVT; initial encounter
494 External cause codes: pedestrian; not MVT; initial encounter
495 External cause codes: transport; not MVT; initial encounter
496 External cause codes: natural/environment; initial encounter
497 External cause codes: bites; initial encounter

- 498 External cause codes: overexertion; initial encounter
- 499 External cause codes: poisoning by drug
- 500 External cause codes: poisoning by non-drug
- 501 External cause codes: struck by; against; initial encounter
- 502 External cause codes: suffocation/inhalation; initial encounter
- 503 External cause codes: other specified, classifiable and NEC; initial encounter
- 504 External cause codes: unspecified mechanism
- 505 External cause codes: intent of injury, accidental/unintentional
- 506 External cause codes: intent of injury, self-harm
- 507 External cause codes: intent of injury, assault
- 508 External cause codes: intent of injury, undetermined
- 509 External cause codes: intent of injury, legal intervention/war
- 510 External cause codes: complications of medical and surgical care, initial encounter
- 511 External cause codes: activity codes
- 512 External cause codes: place of occurrence of the external cause
- 513 External cause codes: evidence of alcohol involvement
- 514 External cause codes: subsequent encounter
- 515 External cause codes: sequela
- 523 Neoplasm-related encounters
- 524 Implant, device or graft related encounter
- 525 Other aftercare encounter
- 526 Counseling related to sexual behavior or orientation
- 527 Other specified encounters and counseling
- 528 Contraceptive and procreative management
- 529 Medical examination/evaluation
- 530 Resistance to antimicrobial drugs
- 531 Exposure, encounters, screening or contact with infectious disease
- 532 No immunization or underimmunization
- 533 Screening for neurocognitive or neurodevelopmental condition
- 534 Socioeconomic/psychosocial factors
- 535 Lifestyle/life management factors
- 536 Personal/family history of disease
- 537 Acquired absence of limb or organ
- 538 Organ transplant status
- 539 Carrier status
- 540 Other specified status
- 541 Code is unacceptable as a principal diagnosis PDX (only used for the inpatient default CCSR)
- 542 Code is unacceptable as a first-listed diagnosis DX1 (only used for the outpatient default CCSR)

CCSR High Level Diagnosis Group 21: Factors Influencing Health Status and Contact with Health Services

- 516 Encounter for administrative purposes
- 517 Encounter for mental health services related to abuse
- 518 Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)
- 519 Encounter for prophylactic or other procedures
- 520 Encounter for prophylactic measures (excludes immunization)
- 521 Encounter for antineoplastic therapies
- 522 Encounter for mental health conditions

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

CCSR High Level Procedure Group 2: Cardiovascular Procedures

- 22 Heart biopsy
- 23 Heart conduction mechanism procedures
- 24 Coronary artery bypass grafts (CABG)
- 25 Percutaneous coronary interventions (PCI)

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

CCSR High Level Procedure Group 3: Chiropractic Treatment'

51 ' 51 Chiropractic manipulation'

CCSR High Level Procedure Group 4: Central Nervous System Procedures

52 Minimally invasive CNS biopsy
53 Lumbar puncture
54 Spinal canal and spinal cord drainage (excluding lumbar puncture)
55 Intracranial epidural and subdural space drainage
56 Ventriculostomy [percutaneous approach]
57 Other CNS drainage and related procedures
58 CNS excision procedures
59 Spinal cord decompression
60 Decompressive craniectomy
61 Cerebrospinal fluid shunt procedures
62 Meninges repair
63 CNS neurostimulator procedures
64 Spinal epidural catheter placement
65 CNS procedures, NEC

CCSR High Level Procedure Group 5: Endocrine Procedures

66 Endocrine system biopsy
67 Thyroidectomy
68 Parathyroidectomy
69 Adrenalectomy
70 Pituitary gland resection
71 Endocrine procedures, NEC

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

72 Laryngoscopy (diagnostic)
73 ENT diagnostic endoscopy (excluding laryngoscopy)
74 ENT diagnostic procedures (non-endoscopic)
75 Diagnostic audiology
76 Myringotomy
77 ENT drainage (excluding myringotomy)

78 Tonsillectomy and adenoidectomy

79 Nasal and sinus excision

80 Tongue excision

81 Salivary gland excision

82 Laryngectomy

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

84 ENT repair

85 Frenectomy

86 Dental procedures

87 Face transplant

88 ENT procedures, NEC

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

89 Hemodialysis

90 Extracorporeal membrane oxygenation

91 Mechanical ventilation

92 Non-invasive ventilation

93 Cardiac chest compression

94 Cardioversion

95 Cardiac pacing

96 Open heart cardiopulmonary bypass

97 Cardiac assistance with balloon pump

98 Cardiac assistance with ventricular assist device

99 Hyperbaric oxygen therapy

CCSR High Level Procedure Group 8: Extracorporeal or Systemic Therapies

100 Pheresis therapy

101 Phototherapy

102 Ultraviolet light therapy

103 Hypothermia therapy

104 Extracorporeal or systemic therapies, NEC

CCSR High Level Procedure Group 9: Eye Procedures

- 105 Eye procedures
- 106 Eyelid procedures

CCSR High Level Procedure Group 10: Female Reproductive System Procedures

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

CCSR High Level Procedure Group 11: Gastrointestinal System Procedures

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

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

CCSR High Level Procedure Group 12: General Region Procedures

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

CCSR High Level Procedure Group 13: Hepatobiliary and Pancreas Procedures

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

CCSR High Level Procedure Group 14: Imaging

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

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

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

- 191 Bone marrow aspiration (therapeutic)
- 192 Thymus transplant
- 193 Spleen transplant
- 194 Lymphatic procedures, NEC

CCSR High Level Procedure Group 16: Measurement and Monitoring

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

CCSR High Level Procedure Group 17: Mental Health Therapy

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

CCSR High Level Procedure Group 18: Male Reproductive System Procedures

- 215 Circumcision
- 216 Penis procedures (excluding circumcision)
- 217 Prostatectomy

218 Prostate and seminal vesicle procedures (excluding prostatectomy)

219 Male perineum procedures

220 Male reproductive system transplant

221 Male reproductive system procedures, NEC

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

222 Arthrocentesis

223 Bone and joint biopsy

224 Subcutaneous tissue, fascia, and muscle biopsy

225 Incision and drainage of musculoskeletal tissue and joints

226 Incision and drainage of subcutaneous tissue and fascia

227 Knee arthroplasty

228 Hip arthroplasty

229 Arthroplasty of other joint (excluding knee and hip)

230 Fixation of upper extremity bones

231 Femur fixation

232 Fixation of leg and foot bones

233 Bone fixation (excluding extremities)

234 Spine fusion

235 Joint fusion (excluding spine)

236 Closed reduction of bones and joints

237 Vertebral discectomy

238 Joint tissue excision (excluding discectomy)

239 Bone excision

240 Muscle, tendon, bursa, and ligament excision

241 Subcutaneous tissue and fascia excision

242 Perineal muscle laceration repair (2nd degree obstetrical and other)

243 Tendon, muscle, bursa, and ligament repair (excluding perineal)

244 Toe and mid foot amputation

245 Below knee amputation

246 Above knee and other proximal lower extremity amputation

247 Finger and other upper extremity amputation

248 Hand transplant

249 Subcutaneous tissue and fascia procedures, NEC

250 Musculoskeletal device procedures, NEC

251 Musculoskeletal procedures, NEC

CCSR High Level Procedure Group 20: Nuclear Medicine

252 Planar nuclear medicine imaging

253 Tomographic nuclear medicine imaging

254 Radionuclide therapy and non-imaging procedures

255 Positron emission tomographic (PET) imaging

CCSR High Level Procedure Group 21: Osteopathic Treatment'

256 Osteopathic treatment

CCSR High Level Procedure Group 22: Other Procedures

257 Robotic-assisted procedures

258 Computer-assisted procedures

259 Fluorescence-guided procedures

260 Isolation procedures

261 Therapeutic massage and related procedures

CCSR High Level Procedure Group 23: Pregnancy-Related Procedures

262 Fetal heart rate monitoring

263 Spontaneous vaginal delivery

264 Cesarean section

265 Assisted vaginal delivery

266 Episiotomy

267 Removal of placenta and other retained products of conception

268 Removal of ectopic pregnancy

269 Abortion

270 Pregnancy and fetal procedures, NEC

CCSR High Level Procedure Group 24: Dressings and Other Placements

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

CCSR High Level Procedure Group 25: Peripheral Nervous System Procedures

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

CCSR High Level Procedure Group 26: Radiation Therapy

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

CCSR High Level Procedure Group 27: Respiratory System Procedures

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

- 295 Lung transplant
- 296 Respiratory system procedures, NEC

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

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

CCSR High Level Procedure Group 29: Skin and Breast Procedures

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

CCSR High Level Procedure Group 30: Substance Use Disorder Treatment

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

CCSR High Level Procedure Group 31: Urinary System Procedures

- 315 Cystoscopy and ureteroscopy (including biopsy)
- 316 Kidney and other urinary tract biopsy (non-endoscopic)
- 317 Ureter and other urinary tract dilation
- 318 Removal of calculi and other matter from urinary tract
- 319 Nephrostomy and ureterostomy procedures (including stents)

320 Bladder catheterization and drainage
321 Urinary tract repair
322 Nephrectomy and ureterectomy
323 Cystectomy (including fulguration) and urethrectomy
324 Urinary diversion with anastomosis or ostomy

325 Kidney transplant
326 Urinary system procedures, NEC

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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
1 Certain Infectious and Parasitic Diseases					
1 Tuberculosis	2	2	1	1	1
2 Septicemia	2,418	2,408	2,653	2,730	2,184
3 Bacterial infections	22	11	10	13	13
4 Fungal infections	3	9	3	10	8
5 Foodborne intoxications	1	1	1	1	2
6 HIV infection	7	9	10	10	9
7 Hepatitis	51	46	48	52	53
8 Viral infection	80	88	53	72	53
9 Parasitic, other specified and unspecified infections	49	85	63	78	56
10 Sexually transmitted infections (excluding HIV and hepatitis)	4	5	3	8	2
11 Sequela of specified infectious disease conditions	1	1	-	-	-
12 Coronavirus disease - 2019 (COVID-19)	-	-	-	-	249
Total	2,638	2,665	2,845	2,975	2,630
2 Neoplasms					
13 Head and neck cancers - eye	1	-	-	-	-
14 Head and neck cancers - lip and oral cavity	12	11	23	18	26
15 Head and neck cancers - throat	1	1	2	-	2
16 Head and neck cancers - salivary gland	2	1	2	2	3
17 Head and neck cancers - nasopharyngeal	4	-	2	-	1
18 Head and neck cancers - hypopharyngeal	2	1	-	2	2
20 Head and neck cancers - laryngeal	14	13	8	15	13
21 Head and neck cancers - tonsils	2	6	1	2	2
22 Head and neck cancers - all other types	1	2	4	6	4
23 Cardiac cancers	1	2	4	2	2
24 Gastrointestinal cancers - esophagus	36	31	19	30	27
25 Gastrointestinal cancers - stomach	23	22	26	29	22
26 Gastrointestinal cancers - small intestine	5	8	5	3	5
27 Gastrointestinal cancers - colorectal	209	214	236	163	168
28 Gastrointestinal cancers - anus	5	-	3	4	5
29 Gastrointestinal cancers - liver	14	23	22	12	17
30 Gastrointestinal cancers - bile duct	8	6	5	7	6
31 Gastrointestinal cancers - gallbladder	3	3	3	4	6
32 Gastrointestinal cancers - peritoneum	8	6	6	9	4
33 Gastrointestinal cancers - all other types	6	12	18	11	11
34 Respiratory cancers	213	179	149	152	99
35 Bone cancer	11	5	6	5	1
36 Sarcoma	8	7	9	9	2
37 Skin cancers - melanoma	1	-	4	1	3
38 Skin cancers - basal cell carcinoma	2	-	-	3	1
39 Skin cancers - squamous cell carcinoma	3	5	3	1	3
40 Skin cancers - all other types	-	-	-	1	-
41 Breast cancer - ductal carcinoma in situ (DCIS)	4	2	4	4	1
42 Breast cancer - all other types	50	35	46	45	25
43 Female reproductive system cancers - uterus	5	2	6	-	7
44 Female reproductive system cancers - cervix	14	4	17	8	13
45 Female reproductive system cancers - ovary	36	24	34	22	27
46 Female reproductive system cancers - fallopian tube	4	7	4	5	4
47 Female reproductive system cancers - endometrium	26	19	22	17	21
48 Female reproductive system cancers - vulva	4	2	2	5	2
49 Female reproductive system cancers - vagina	1	-	-	1	2
50 Female reproductive system cancers - all other types	3	10	2	5	2
51 Male reproductive system cancers - prostate	139	123	34	39	29
52 Male reproductive system cancers - testis	1	4	1	2	1
53 Male reproductive system cancers - penis	4	1	1	3	2
55 Urinary system cancers - bladder	43	48	46	45	45
56 Urinary system cancers - ureter and renal pelvis	20	15	22	17	16
57 Urinary system cancers - kidney	71	81	86	66	66
58 Urinary system cancers - urethra	-	2	1	2	-
59 Urinary system cancers - all other types	1	-	-	1	-
60 Nervous system cancers - brain	59	64	57	67	68
61 Nervous system cancers - all other types	3	1	4	4	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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
62 Endocrine system cancers - thyroid	13	16	5	6	4
63 Endocrine system cancers - pancreas	49	50	46	39	34
64 Endocrine system cancers - thymus	-	3	1	1	1
65 Endocrine system cancers - adrenocortical	-	-	-	-	1
68 Endocrine system cancers - all other types	-	2	-	-	1
69 Hodgkin lymphoma	3	4	3	2	7
70 Non-Hodgkin lymphoma	75	71	53	59	68
71 Leukemia - acute lymphoblastic leukemia (ALL)	7	17	14	18	11
72 Leukemia - acute myeloid leukemia (AML)	24	7	25	21	26
73 Leukemia - chronic lymphocytic leukemia (CLL)	6	9	7	7	9
74 Leukemia - chronic myeloid leukemia (CML)	1	3	6	6	6
75 Leukemia - hairy cell	-	1	2	-	-
76 Leukemia - all other types	2	9	5	4	3
77 Multiple myeloma	20	23	32	26	26
78 Malignant neuroendocrine tumors	22	37	24	33	27
79 Mesothelioma	7	2	3	1	2
80 Myelodysplastic syndrome (MDS)	8	15	14	7	8
81 Cancer of other sites	2	2	3	3	2
82 Secondary malignancies	260	295	284	289	249
83 Malignant neoplasm, unspecified	15	10	11	6	6
84 Neoplasms of unspecified nature or uncertain behavior	43	37	39	33	25
85 Benign neoplasms	230	199	189	193	161
86 Conditions due to neoplasm or the treatment of neoplasm	132	138	151	118	107
Total	2,002	1,952	1,866	1,721	1,551
3 Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune					
87 Nutritional anemia	98	94	93	113	92
88 Hemolytic anemia	8	11	15	9	15
89 Aplastic anemia	59	66	65	70	68
90 Acute posthemorrhagic anemia	103	82	89	93	93
91 Sickle cell trait/anemia	24	31	24	12	19
92 Coagulation and hemorrhagic disorders	58	68	85	82	64
93 Diseases of white blood cells	89	94	81	80	65
94 Immunity disorders	5	8	8	6	8
95 Postprocedural or postoperative complications of the spleen	-	1	-	1	2
96 Other specified and unspecified hematologic conditions	14	8	11	11	15
Total	458	463	471	477	441
4 Endocrine, Nutritional and Metabolic Diseases					
97 Thyroid disorders	17	32	27	31	31
98 Diabetes mellitus without complication	3	3	8	5	2
99 Diabetes mellitus with complication	647	713	732	827	720
103 Nutritional deficiencies	18	11	12	14	13
104 Malnutrition	19	25	15	19	14
105 Obesity	168	144	159	141	97
106 Disorders of lipid metabolism	2	1	3	2	3
107 Fluid and electrolyte disorders	428	429	447	477	401
108 Cystic fibrosis	163	167	139	121	32
109 Pituitary disorders	44	56	34	52	43
110 Postprocedural or postoperative endocrine or metabolic complication	4	4	3	2	3
111 Other specified and unspecified endocrine disorders	39	39	26	34	38
112 Other specified and unspecified nutritional and metabolic disorders	63	74	80	84	68
Total	1,615	1,698	1,685	1,809	1,465
5 Mental, Behavioral and Neurodevelopmental Disorders					
114 Schizophrenia spectrum and other psychotic disorders	285	304	331	355	327
115 Depressive disorders	731	788	825	686	505
116 Bipolar and related disorders	280	288	286	274	230
117 Other specified and unspecified mood disorders	97	74	127	79	78
118 Anxiety and fear-related disorders	48	47	61	56	53
119 Obsessive-compulsive and related disorders	3	3	1	5	5
120 Trauma- and stressor-related disorders	139	155	208	262	201
121 Disruptive, impulse-control and conduct disorders	2	8	8	10	5
122 Personality disorders	66	77	83	83	73
123 Feeding and eating disorders	5	16	16	6	8
124 Somatic disorders	5	3	2	4	3

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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
125 Suicidal ideation/attempt/intentional self-harm	215	226	200	169	145
126 Miscellaneous mental and behavioral disorders/conditions	4	9	7	3	5
127 Neurodevelopmental disorders	5	3	6	7	9
128 Alcohol-related disorders	519	547	656	612	640
129 Opioid-related disorders	38	27	22	19	22
130 Cannabis-related disorders	3	5	11	15	30
131 Sedative-related disorders	7	7	9	9	8
132 Stimulant-related disorders	4	14	7	12	11
133 Hallucinogen-related disorders	1	3	2	-	2
134 Inhalant-related disorders	-	-	2	1	-
136 Other specified substance-related disorders	12	17	17	25	25
137 Mental and substance use disorders in remission	1	-	1	2	1
138 Suicide attempt/intentional self-harm; subsequent encounter	1	-	-	1	-
Total	2,471	2,621	2,888	2,695	2,386
6 Diseases of the Nervous System					
146 Meningitis	47	52	42	37	32
147 Encephalitis	30	23	20	24	21
148 Other specified CNS infection and poliomyelitis	-	2	4	5	3
149 Parkinson`s disease	38	39	33	34	40
150 Multiple sclerosis	27	32	26	23	24
151 Other specified hereditary and degenerative nervous system conditions	33	32	46	44	30
152 Cerebral palsy	3	1	1	1	2
153 Paralysis (other than cerebral palsy)	33	40	41	25	23
154 Epilepsy; convulsions	373	359	320	313	331
155 Headache; including migraine	127	109	130	122	73
156 Neurocognitive disorders	148	169	156	177	160
157 Transient cerebral ischemia	110	139	81	89	83
158 Coma; stupor; and brain damage	29	14	13	17	16
159 CNS abscess	15	18	16	26	21
160 Polyneuropathies	34	38	24	33	32
161 Sleep wake disorders	17	14	14	12	4
162 Nerve and nerve root disorders	28	19	28	23	23
163 Myopathies	23	24	19	22	17
164 Nervous system pain and pain syndromes	49	50	40	43	33
165 Other specified nervous system disorders	237	290	336	331	275
166 Postprocedural or postoperative nervous system complication	5	8	15	13	7
167 Sequela of specified nervous system conditions	9	4	1	1	-
Total	1,415	1,476	1,406	1,415	1,250
7 Diseases of the Eye and Adnexa					
168 Cornea and external disease	6	1	6	5	2
170 Glaucoma	-	1	2	3	3
171 Uveitis and ocular inflammation	5	1	2	1	-
172 Retinal and vitreous conditions	2	3	4	8	2
173 Neuro-ophthalmology	5	9	5	8	6
174 Strabismus	1	-	-	-	-
175 Oculofacial plastics and orbital conditions	8	4	8	6	6
177 Blindness and vision defects	6	2	7	1	7
178 Postprocedural or postoperative eye complication	1	1	-	1	1
179 Other specified eye disorders	3	6	3	4	2
Total	37	28	37	37	29
8 Diseases of the Ear and Mastoid Process					
180 Otitis media	7	7	4	7	1
181 Diseases of middle ear and mastoid (except otitis media)	3	8	7	10	3
182 Diseases of inner ear and related conditions	38	45	29	47	33
183 Hearing loss	-	1	-	1	-
184 Postprocedural or postoperative ear and/or mastoid process complication	1	-	-	-	-
185 Other specified and unspecified disorders of the ear	8	9	13	11	3
Total	57	70	53	76	40
9 Diseases of the Circulatory System					
186 Chronic rheumatic heart disease	24	35	28	45	29
187 Acute rheumatic heart disease	-	-	3	-	-
188 Nonrheumatic and unspecified valve disorders	242	295	301	370	311

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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
189 Endocarditis and endocardial disease	37	41	46	48	43
190 Myocarditis and cardiomyopathy	37	37	32	39	20
191 Pericarditis and pericardial disease	55	79	73	48	50
192 Essential hypertension	40	3	8	6	8
193 Hypertension with complications and secondary hypertension	33	115	132	128	116
194 Acute myocardial infarction	1,262	1,279	1,246	1,304	1,254
195 Complications of acute myocardial infarction	3	6	2	4	3
196 Coronary atherosclerosis and other heart disease	434	454	401	418	402
197 Nonspecific chest pain	206	184	195	165	117
198 Acute pulmonary embolism	370	304	306	327	294
199 Pulmonary heart disease	28	32	37	18	26
200 Other and ill-defined heart disease	31	23	32	33	32
201 Conduction disorders	93	123	129	134	133
202 Cardiac dysrhythmias	1,159	1,164	1,278	1,244	1,092
203 Cardiac arrest and ventricular fibrillation	34	42	31	22	17
204 Heart failure	1,540	1,664	1,680	1,798	1,539
205 Cerebral infarction	812	704	819	868	785
206 Acute hemorrhagic cerebrovascular disease	168	190	204	209	191
207 Sequela of hemorrhagic cerebrovascular disease	43	38	44	41	52
208 Occlusion or stenosis of precerebral or cerebral arteries without infarction	110	113	102	120	121
209 Other and ill-defined cerebrovascular disease	34	55	47	40	44
210 Sequela of cerebral infarction and other cerebrovascular disease	191	202	221	216	195
211 Peripheral and visceral vascular disease	127	118	103	115	128
212 Arterial dissections	27	30	24	22	27
213 Gangrene	9	9	8	12	13
214 Aortic; peripheral; and visceral artery aneurysms	93	81	94	88	73
215 Aortic and peripheral arterial embolism or thrombosis	23	30	21	23	30
216 Hypotension	96	71	101	125	113
217 Other specified and unspecified circulatory disease	11	17	10	19	12
218 Acute phlebitis; thrombophlebitis and thromboembolism	134	109	97	86	84
219 Chronic phlebitis; thrombophlebitis and thromboembolism	2	-	2	2	2
220 Varicose veins of lower extremity	12	5	13	9	11
221 Postthrombotic syndrome and venous insufficiency/hypertension	7	15	17	18	11
222 Postprocedural or postoperative circulatory system complication	20	37	26	27	21
224 Other specified diseases of veins and lymphatics	26	25	21	20	15
Total	7,573	7,729	7,934	8,211	7,414
10 Diseases of the Respiratory System					
225 Sinusitis	8	15	9	10	8
226 Pneumonia (except that caused by tuberculosis)	1,490	1,380	1,441	1,451	961
227 Influenza	134	257	442	298	221
228 Acute and chronic tonsillitis	16	9	14	16	7
229 Acute bronchitis	210	154	207	196	116
230 Other specified upper respiratory infections	76	70	55	71	45
231 Other specified and unspecified upper respiratory disease	16	25	12	17	14
232 Chronic obstructive pulmonary disease and bronchiectasis	1,237	1,471	1,171	1,096	706
233 Asthma	165	164	171	189	104
234 Aspiration pneumonitis	310	268	258	270	218
235 Pleurisy, pleural effusion and pulmonary collapse	130	118	105	101	87
236 Respiratory failure; insufficiency; arrest	801	699	717	883	730
237 Lung disease due to external agents	9	9	5	4	13
238 Pneumothorax	59	59	64	49	64
239 Mediastinal disorders	4	6	3	4	1
240 Other specified and unspecified lower respiratory disease	83	91	101	82	75
241 Postprocedural or postoperative respiratory system complication	50	31	26	31	29
Total	4,798	4,826	4,801	4,768	3,399
11 Diseases of the Digestive System					
242 Intestinal infection	323	328	341	331	201
243 Disorders of teeth and gingiva	25	21	24	12	12
244 Diseases of mouth; excluding dental	32	32	46	41	32
245 Esophageal disorders	98	111	103	99	90
246 Gastroduodenal ulcer	23	48	36	26	34
247 Gastrointestinal and biliary perforation	20	22	24	18	23
248 Gastritis and duodenitis	56	77	67	58	67

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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
249 Other specified and unspecified disorders of stomach and duodenum	47	49	46	58	31
250 Appendicitis and other appendiceal conditions	316	312	278	295	227
251 Abdominal hernia	236	233	199	202	193
252 Regional enteritis and ulcerative colitis	135	171	156	163	154
253 Intestinal obstruction and ileus	708	625	592	597	574
254 Diverticulosis and diverticulitis	573	532	563	571	475
255 Hemorrhoids	20	31	15	23	12
256 Anal and rectal conditions	34	28	35	27	28
257 Peritonitis and intra-abdominal abscess	64	93	73	87	60
258 Biliary tract disease	504	451	464	536	431
259 Hepatic failure	102	106	99	134	148
260 Other specified and unspecified liver disease	142	125	164	148	160
261 Pancreatic disorders (excluding diabetes)	618	540	538	517	493
262 Gastrointestinal hemorrhage	585	555	540	530	444
263 Noninfectious gastroenteritis	185	179	174	185	163
264 Noninfectious hepatitis	8	6	6	10	7
265 Postprocedural or postoperative digestive system complication	140	141	125	106	122
266 Other specified and unspecified gastrointestinal disorders	268	213	192	191	200
Total	5,262	5,029	4,900	4,965	4,381
12 Diseases of the Skin and Subcutaneous Tissue					
267 Skin and subcutaneous tissue infections	827	803	724	751	634
268 Other specified inflammatory condition of skin	33	26	37	39	33
269 Pressure ulcer of skin	35	39	22	35	23
270 Non-pressure ulcer of skin	25	22	30	31	19
271 Contact dermatitis	4	5	2	2	3
272 Postprocedural or postoperative skin complication	22	27	19	23	13
273 Other specified and unspecified skin disorders	7	5	5	7	9
Total	953	927	839	888	734
13 Diseases of the Musculoskeletal System and Connective Tissue					
274 Infective arthritis	56	65	54	56	28
275 Osteomyelitis	146	113	141	129	115
276 Rheumatoid arthritis and related disease	8	15	20	19	19
277 Juvenile arthritis	5	2	3	2	-
279 Osteoarthritis	2,567	2,775	2,649	2,673	1,825
280 Other specified joint disorders	39	42	35	41	30
281 Immune-mediated/reactive arthropathies	1	-	2	6	-
282 Tendon and synovial disorders	35	32	54	45	45
283 Musculoskeletal pain, not low back pain	77	63	67	47	49
284 Spondylopathies/spondyloarthropathy (including infective)	771	670	659	598	460
286 Osteoporosis	82	75	80	128	146
287 Pathological fracture, initial encounter	45	53	65	52	60
288 Pathological fracture, subsequent encounter	8	8	20	8	12
289 Stress fracture, initial encounter	36	32	33	29	29
290 Stress fracture, subsequent encounter	7	6	5	1	2
291 Atypical fracture, initial encounter	-	1	1	4	-
293 Pathological, stress and atypical fractures, sequela	1	1	-	-	-
294 Acquired foot deformities	1	2	5	5	6
295 Scoliosis and other postural dorsopathic deformities	24	34	29	20	13
296 Acquired deformities (excluding foot)	15	8	7	4	5
297 Systemic lupus erythematosus and connective tissue disorders	38	34	31	33	36
298 Other specified connective tissue disease	62	45	78	57	58
299 Muscle disorders	84	78	60	84	72
300 Musculoskeletal abscess	2	1	2	4	1
301 Other specified bone disease and musculoskeletal deformities	9	14	16	14	6
302 Disorders of jaw	17	16	13	12	10
303 Aseptic necrosis and osteonecrosis	34	40	52	50	41
304 Traumatic arthropathy	2	10	6	5	3
305 Neurogenic/neuropathic arthropathy	2	-	3	2	6
306 Gout	35	25	24	22	17
307 Crystal arthropathies (excluding gout)	11	7	18	12	8
309 Autoinflammatory syndromes	-	-	-	1	-
310 Postprocedural or postoperative musculoskeletal system complication	41	57	40	40	30

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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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
311 Low back pain	27	24	38	41	30
Total	4,288	4,348	4,310	4,244	3,162
14 Diseases of the Genitourinary System					
312 Nephritis; nephrosis; renal sclerosis	17	11	13	15	11
313 Acute and unspecified renal failure	629	589	590	618	550
314 Chronic kidney disease	88	104	107	131	95
315 Urinary tract infections	671	735	723	743	684
316 Calculus of urinary tract	41	42	57	56	37
317 Other specified and unspecified diseases of kidney and ureters	180	173	163	155	174
318 Other specified and unspecified diseases of bladder and urethra	43	32	25	30	35
319 Urinary incontinence	3	3	1	4	2
320 Hematuria	33	27	24	38	24
322 Vesicoureteral reflux	11	3	6	6	11
323 Hyperplasia of prostate	57	47	42	31	47
324 Inflammatory conditions of male genital organs	25	30	49	31	37
325 Erectile dysfunction	-	-	-	1	1
327 Other specified male genital disorders	6	5	8	8	11
328 Nonmalignant breast conditions	11	14	20	10	18
329 Inflammatory diseases of female pelvic organs	33	24	32	23	22
330 Endometriosis	11	14	16	11	11
331 Prolapse of female genital organs	7	10	8	14	6
332 Menstrual disorders	12	6	10	16	6
333 Benign ovarian cyst	15	13	13	12	8
334 Menopausal disorders	-	4	3	6	1
336 Other specified female genital disorders	25	39	38	29	28
337 Postprocedural or postoperative genitourinary system complication	31	34	22	33	18
Total	1,949	1,959	1,970	2,021	1,837
15 Pregnancy, Childbirth and the Puerperium					
340 Spontaneous abortion and complications of spontaneous abortion	9	4	1	7	6
341 Induced abortion and complications of termination of pregnancy	7	8	6	5	7
342 Ectopic pregnancy and complications of ectopic pregnancy	3	7	7	4	9
343 Molar pregnancy and other abnormal products of conception	4	5	8	1	2
344 Complications following ectopic and/or molar pregnancy	-	-	-	1	1
346 Early, first or unspecified trimester hemorrhage	-	3	-	-	-
347 Hemorrhage after first trimester	6	6	9	13	9
348 Early or threatened labor	306	262	276	258	238
349 Multiple gestation	12	22	32	28	23
350 Maternal care related to fetal conditions	154	162	158	180	178
351 Polyhydramnios and other problems of amniotic cavity	61	68	73	60	56
352 Obstetric history affecting care in pregnancy	-	2	-	1	-
353 Previous C-section	452	426	422	460	412
354 Maternal care for abnormality of pelvic organs	14	19	11	9	12
355 Maternal care related to disorders of the placenta and placental implantation	91	77	69	73	81
356 Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	117	191	198	196	199
357 Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	475	524	563	564	586
358 Maternal intrauterine infection	16	15	5	7	9
359 Prolonged pregnancy	738	689	716	684	567
360 Complications specified during childbirth	966	1,052	957	925	1,000
361 Malposition, disproportion or other labor complications	847	714	613	586	598
362 Anesthesia complications during pregnancy	1	1	-	1	-
363 OB-related trauma to perineum and vulva	585	554	591	480	348
364 Complications specified during the puerperium	87	69	63	64	62
365 Other specified complications in pregnancy	186	142	147	181	170
366 Uncomplicated pregnancy, delivery or puerperium	516	517	485	510	444
Total	5,653	5,539	5,410	5,298	5,017
16 Certain Conditions Originating in the Perinatal Period					
373 Respiratory perinatal condition	1	1	3	-	1
379 Neonatal digestive and feeding disorders	6	2	4	4	2
Total	7	3	7	4	3
17 Congenital Malformations, Deformations and Chromosomal Abnormalities					

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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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
383 Cardiac and circulatory congenital anomalies	56	52	36	29	43
384 Digestive congenital anomalies	23	28	25	19	26
385 Genitourinary congenital anomalies	20	25	23	25	15
386 Nervous system congenital anomalies	10	12	12	16	3
387 Congenital malformations of eye, ear, face, neck	1	-	-	1	2
388 Cleft lip or palate	2	3	-	5	3
389 Respiratory congenital malformations	4	9	15	22	16
390 Musculoskeletal congenital conditions	16	14	10	12	10
391 Chromosomal abnormalities	1	-	-	1	-
392 Other specified and unspecified congenital anomalies	2	4	4	3	1
Total	135	147	125	133	119
18 Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified					
393 Syncope	184	196	152	180	137
394 Fever	82	99	79	70	68
395 Shock	5	6	16	21	20
396 Nausea and vomiting	97	71	69	84	86
397 Dysphagia	18	17	15	12	16
398 Abdominal pain and other digestive/abdomen signs and symptoms	184	156	142	138	119
399 Malaise and fatigue	76	103	116	100	117
400 Symptoms of mental and substance use conditions	4	9	4	4	4
402 Nervous system signs and symptoms	165	173	151	149	120
403 Genitourinary signs and symptoms	13	16	23	15	18
404 Circulatory signs and symptoms	74	81	72	73	60
405 Respiratory signs and symptoms	79	72	105	85	72
406 Skin/Subcutaneous signs and symptoms	12	20	18	9	10
407 General sensation/perception signs and symptoms	38	36	38	47	29
408 Other general signs and symptoms	111	105	92	131	114
409 Abnormal findings without diagnosis	76	103	119	119	87
Total	1,218	1,263	1,211	1,237	1,077
19 Injury, Poisoning and Certain Other Consequences of External Causes					
410 Fracture of head and neck, initial encounter	71	61	59	65	48
411 Fracture of the spine and back, initial encounter	194	178	192	189	148
412 Fracture of torso, initial encounter	241	248	260	259	195
413 Fracture of the upper limb, initial encounter	183	188	193	168	147
414 Fracture of the lower limb (except hip), initial encounter	524	502	492	476	391
415 Fracture of the neck of the femur (hip), initial encounter	689	685	664	721	592
416 Dislocations, initial encounter	8	19	16	15	10
417 Traumatic brain injury (TBI); concussion, initial encounter	267	288	324	271	273
418 Spinal cord injury (SCI), initial encounter	19	15	9	26	24
419 Internal organ injury, initial encounter	135	155	147	173	181
420 Open wounds of head and neck, initial encounter	15	21	21	18	15
421 Open wounds to limbs, initial encounter	33	45	39	33	27
422 Open wounds of trunk, initial encounter	8	5	9	4	9
423 Amputation of a limb, initial encounter	7	8	3	2	8
424 Amputation of other body parts, initial encounter	-	-	-	1	1
425 Injury to blood vessels, initial encounter	13	13	6	9	13
426 Superficial injury; contusion, initial encounter	66	75	82	58	68
427 Crushing injury, initial encounter	7	8	3	6	3
428 Burn and corrosion, initial encounter	38	35	34	32	33
429 Effect of foreign body entering opening, initial encounter	22	36	39	19	24
430 Effect of other external causes, initial encounter	17	16	18	22	10
431 Poisoning by drugs, initial encounter	174	178	157	147	136
432 Toxic effects, initial encounter	19	27	24	12	28
433 Sprains and strains, initial encounter	29	38	38	35	34
434 Injury to nerves, muscles and tendons, initial encounter	16	12	10	17	13
435 Other specified injury	39	37	49	48	34
436 Other unspecified injury	12	15	8	9	13
437 Adverse effects of drugs and medicaments, initial encounter	2	-	1	1	-
439 Drug induced or toxic related condition	86	64	81	78	76
440 Allergic reactions	32	26	31	27	26
441 Maltreatment/abuse	5	3	2	5	6

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				
	2016	2017	2018	2019	2020
CCSR Single Level Diagnosis Category					
442 Complication of cardiovascular device, implant or graft, initial encounter	121	135	145	128	141
443 Complication of genitourinary device, implant or graft, initial encounter	144	155	171	195	164
444 Complication of internal orthopedic device or implant, initial encounter	245	200	243	243	194
445 Complication of transplanted organs or tissue, initial encounter	41	36	34	41	35
446 Complication of other surgical or medical care, injury, initial encounter	401	395	397	433	378
447 Fracture of head and neck, subsequent encounter	11	4	6	2	1
448 Fracture of the spine and back, subsequent encounter	32	31	31	37	23
449 Fracture of torso, subsequent encounter	46	44	35	36	40
450 Fracture of the upper limb, subsequent encounter	32	26	19	33	12
451 Fracture of lower limb (except hip), subsequent encounter	75	83	86	90	46
452 Fracture of the neck of the femur (hip), subsequent encounter	72	104	85	83	58
453 Dislocations, subsequent encounter	2	2	2	2	3
454 Traumatic brain injury (TBI); concussion, subsequent encounter	38	50	53	62	47
455 Spinal cord injury (SCI), subsequent encounter	14	12	13	11	12
456 Internal organ injury, subsequent encounter	5	3	2	7	5
457 Open wounds of head and neck, subsequent encounter	1	-	-	1	-
458 Open wounds to limbs, subsequent encounter	1	1	-	1	1
459 Open wounds of trunk, subsequent encounter	-	1	-	-	-
460 Amputation of a limb, subsequent encounter	2	-	-	-	-
462 Injury to blood vessels, subsequent encounter	-	-	1	-	-
463 Superficial injury; contusion, subsequent encounter	1	2	1	-	3
464 Crushing injury, subsequent encounter	-	-	-	2	1
465 Burns and corrosion, subsequent encounter	2	2	1	1	1
466 Effect of foreign body entering opening, subsequent encounter	1	-	-	-	-
468 Poisoning by drugs, subsequent encounter	-	1	-	1	-
469 Toxic effects, subsequent encounter	-	-	1	-	-
470 Sprains and strains, subsequent encounter	4	2	2	5	4
471 Injury to nerves, muscles and tendons, subsequent encounter	1	1	2	-	-
472 Other specified injury, subsequent encounter	-	1	-	2	1
473 Other unspecified injuries, subsequent encounter	-	-	-	2	-
476 Allergic reactions, subsequent encounter	1	-	-	-	1
478 Complication of cardiovascular device, implant or graft, subsequent encounter	1	2	6	-	-
479 Complication of genitourinary device, implant or graft, subsequent encounter	-	1	1	-	-
480 Complication of internal orthopedic device or implant, subsequent encounter	11	17	11	3	10
481 Complication of other surgical or medical care, injury, subsequent encounter	8	4	4	5	3
482 Injury, sequela	13	17	9	6	15
485 Complication, sequela	5	1	3	1	-
Total	4,302	4,334	4,375	4,379	3,785
21 Factors Influencing Health Status and Contact with Health Services					
518 Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental d	4	8	4	5	4
519 Encounter for prophylactic or other procedures	11	20	24	39	13
521 Encounter for antineoplastic therapies	188	176	191	172	255
523 Neoplasm-related encounters	18	15	23	16	13
524 Implant, device or graft related encounter	3	2	5	3	1
525 Other aftercare encounter	815	797	830	668	529
528 Contraceptive and procreative management	-	1	-	-	2
529 Medical examination/evaluation	-	-	1	-	-
531 Exposure, encounters, screening or contact with infectious disease	-	-	2	-	12
537 Acquired absence of limb or organ	2	1	1	1	1
540 Other specified status	6	4	2	3	2
Total	1,047	1,024	1,083	907	832
Total of Groups 1 - 21	47,878	48,101	48,216	48,260	41,552

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				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
1 Certain Infectious and Parasitic Diseases					
1 Tuberculosis	1	-	1	-	-
2 Septicemia	-	5	3	1	4
3 Bacterial infections	10	14	11	17	7
4 Fungal infections	202	265	272	461	258
6 HIV infection	1	3	2	2	5
7 Hepatitis	54	45	38	23	14
8 Viral infection	132	101	106	101	62
9 Parasitic, other specified and unspecified infections	24	16	14	16	6
10 Sexually transmitted infections (excluding HIV and hepatitis)	75	49	41	57	28
12 Coronavirus disease - 2019 (COVID-19)	-	-	-	-	7
Total	499	498	488	678	391
2 Neoplasms					
13 Head and neck cancers - eye	4	3	2	5	0
14 Head and neck cancers - lip and oral cavity	45	44	66	75	76
15 Head and neck cancers - throat	9	15	14	16	21
16 Head and neck cancers - salivary gland	15	8	5	6	10
17 Head and neck cancers - nasopharyngeal	13	10	14	2	10
18 Head and neck cancers - hypopharyngeal	4	12	5	10	5
19 Head and neck cancers - pharyngeal	2	5	1	4	7
20 Head and neck cancers - laryngeal	82	100	77	78	93
21 Head and neck cancers - tonsils	27	21	39	40	30
22 Head and neck cancers - all other types	16	21	14	18	24
23 Cardiac cancers	3	-	1	1	-
24 Gastrointestinal cancers - esophagus	119	111	133	144	134
25 Gastrointestinal cancers - stomach	43	58	60	53	57
26 Gastrointestinal cancers - small intestine	9	7	11	14	5
27 Gastrointestinal cancers - colorectal	485	548	564	530	521
28 Gastrointestinal cancers - anus	60	28	41	38	38
29 Gastrointestinal cancers - liver	44	46	28	23	42
30 Gastrointestinal cancers - bile duct	8	9	19	15	16
31 Gastrointestinal cancers - gallbladder	2	2	8	7	7
32 Gastrointestinal cancers - peritoneum	19	18	14	30	37
33 Gastrointestinal cancers - all other types	1	7	15	11	7
34 Respiratory cancers	544	469	429	460	415
35 Bone cancer	19	5	6	15	10
36 Sarcoma	16	19	21	38	22
37 Skin cancers - melanoma	250	212	253	236	230
38 Skin cancers - basal cell carcinoma	1,110	1,082	1,148	1,253	1,076
39 Skin cancers - squamous cell carcinoma	465	506	531	513	533
40 Skin cancers - all other types	168	133	197	227	244
41 Breast cancer - ductal carcinoma in situ (DCIS)	96	93	101	149	98
42 Breast cancer - all other types	740	743	861	910	877
43 Female reproductive system cancers - uterus	62	34	31	16	13
44 Female reproductive system cancers - cervix	50	63	56	91	58
45 Female reproductive system cancers - ovary	157	153	111	133	92
46 Female reproductive system cancers - fallopian tube	29	29	18	21	13
47 Female reproductive system cancers - endometrium	134	204	187	163	163
48 Female reproductive system cancers - vulva	26	24	17	22	22
49 Female reproductive system cancers - vagina	5	5	4	3	6
50 Female reproductive system cancers - all other types	8	1	8	6	6
51 Male reproductive system cancers - prostate	227	242	360	389	432
52 Male reproductive system cancers - testis	21	29	37	28	32
53 Male reproductive system cancers - penis	7	4	5	5	8
54 Male reproductive system cancers - all other types	2	1	-	1	1
55 Urinary system cancers - bladder	767	714	637	622	592
56 Urinary system cancers - ureter and renal pelvis	27	35	23	35	26
57 Urinary system cancers - kidney	26	22	41	53	47
58 Urinary system cancers - urethra	12	8	6	10	11
59 Urinary system cancers - all other types	8	23	22	77	153
60 Nervous system cancers - brain	15	10	16	18	21

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CCSR High Level Group	ICD-10-CM				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
61 Nervous system cancers - all other types	1	1	3	1	2
62 Endocrine system cancers - thyroid	104	74	77	66	47
63 Endocrine system cancers - pancreas	186	173	181	177	192
64 Endocrine system cancers - thymus	19	12	37	16	25
65 Endocrine system cancers - adrenocortical	1	-	-	-	-
68 Endocrine system cancers - all other types	9	1	2	2	1
69 Hodgkin lymphoma	46	63	61	52	50
70 Non-Hodgkin lymphoma	600	541	552	500	383
71 Leukemia - acute lymphoblastic leukemia (ALL)	46	47	69	87	54
72 Leukemia - acute myeloid leukemia (AML)	126	89	111	113	72
73 Leukemia - chronic lymphocytic leukemia (CLL)	32	70	27	14	29
74 Leukemia - chronic myeloid leukemia (CML)	6	4	21	70	24
75 Leukemia - hairy cell	2	-	-	3	3
76 Leukemia - all other types	14	4	22	28	20
77 Multiple myeloma	138	130	168	182	151
78 Malignant neuroendocrine tumors	28	59	23	26	29
79 Mesothelioma	8	12	9	26	8
80 Myelodysplastic syndrome (MDS)	68	59	109	138	102
81 Cancer of other sites	2	9	11	7	6
82 Secondary malignancies	131	146	148	133	169
83 Malignant neoplasm, unspecified	45	32	31	21	20
84 Neoplasms of unspecified nature or uncertain behavior	295	363	477	1,559	324
85 Benign neoplasms	2,227	2,118	1,988	2,065	1,631
86 Conditions due to neoplasm or the treatment of neoplasm	14	28	42	22	21
Total	10,149	9,971	10,426	11,922	9,704
3 Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism					
87 Nutritional anemia	326	346	379	375	353
88 Hemolytic anemia	6	5	4	7	6
89 Aplastic anemia	239	205	235	295	176
90 Acute posthemorrhagic anemia	2	2	5	3	4
91 Sickle cell trait/anemia	3	8	7	10	8
92 Coagulation and hemorrhagic disorders	57	43	47	38	27
93 Diseases of white blood cells	18	23	32	27	12
94 Immunity disorders	163	197	226	238	154
96 Other specified and unspecified hematologic conditions	5	4	7	27	4
Total	819	833	942	1,020	744
4 Endocrine, Nutritional and Metabolic Diseases					
97 Thyroid disorders	186	186	150	163	115
98 Diabetes mellitus without complication	81	94	80	62	80
99 Diabetes mellitus with complication	1,039	911	853	1,073	910
103 Nutritional deficiencies	17	12	20	23	18
104 Malnutrition	6	1	-	3	2
105 Obesity	33	15	36	35	42
106 Disorders of lipid metabolism	32	38	34	28	19
107 Fluid and electrolyte disorders	23	10	18	18	7
108 Cystic fibrosis	274	159	199	240	150
109 Pituitary disorders	7	6	2	3	7
110 Postprocedural or postoperative endocrine or metabolic complication	2	3	2	2	-
111 Other specified and unspecified endocrine disorders	57	73	79	66	95
112 Other specified and unspecified nutritional and metabolic disorders	52	48	56	56	45
Total	1,809	1,556	1,529	1,772	1,490
5 Mental, Behavioral and Neurodevelopmental Disorders					
114 Schizophrenia spectrum and other psychotic disorders	10	11	13	7	0
115 Depressive disorders	14	17	10	10	9
116 Bipolar and related disorders	3	16	23	34	27
117 Other specified and unspecified mood disorders	-	3	-	1	-
118 Anxiety and fear-related disorders	22	10	7	7	7
120 Trauma- and stressor-related disorders	8	7	3	8	5
122 Personality disorders	-	-	1	1	-
123 Feeding and eating disorders	-	1	-	-	2

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CCSR High Level Group	ICD-10-CM				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
124 Somatic disorders	50	50	52	53	12
126 Miscellaneous mental and behavioral disorders/conditions	25	31	30	56	40
127 Neurodevelopmental disorders	21	2	3	8	6
128 Alcohol-related disorders	-	1	1	1	-
129 Opioid-related disorders	5	-	14	5	3
130 Cannabis-related disorders	-	1	-	-	-
131 Sedative-related disorders	1	-	-	-	-
135 Tobacco-related disorders	89	251	24	38	23
136 Other specified substance-related disorders	1	-	-	-	-
137 Mental and substance use disorders in remission	12	15	3	3	3
Total	261	416	184	232	137
6 Diseases of the Nervous System					
146 Meningitis	1	0	1	2	3
147 Encephalitis	5	2	1	3	-
148 Other specified CNS infection and poliomyelitis	1	2	2	1	1
149 Parkinson's disease	53	78	104	108	60
150 Multiple sclerosis	51	42	29	40	52
151 Other specified hereditary and degenerative nervous system conditions	289	275	333	377	331
152 Cerebral palsy	132	69	45	38	27
153 Paralysis (other than cerebral palsy)	116	94	68	70	79
154 Epilepsy; convulsions	27	34	30	42	21
155 Headache; including migraine	436	514	544	509	575
156 Neurocognitive disorders	8	9	5	14	1
157 Transient cerebral ischemia	7	4	6	5	5
158 Coma; stupor; and brain damage	7	10	12	10	22
159 CNS abscess	-	-	2	4	-
160 Polyneuropathies	317	325	364	368	309
161 Sleep wake disorders	507	481	487	453	2,254
162 Nerve and nerve root disorders	2,396	2,457	2,389	2,582	2,149
163 Myopathies	58	88	59	61	42
164 Nervous system pain and pain syndromes	59	48	67	76	53
165 Other specified nervous system disorders	42	54	51	73	55
166 Postprocedural or postoperative nervous system complication	10	8	17	12	11
Total	4,522	4,594	4,616	4,848	6,050
7 Diseases of the Eye and Adnexa					
168 Cornea and external disease	174	142	204	226	147
169 Cataract and other lens disorders	4,245	4,338	4,792	4,475	3,448
170 Glaucoma	394	378	431	536	413
171 Uveitis and ocular inflammation	19	11	8	11	15
172 Retinal and vitreous conditions	2,100	2,310	2,518	2,853	2,995
173 Neuro-ophthalmology	14	24	24	38	20
174 Strabismus	42	43	63	70	49
175 Oculofacial plastics and orbital conditions	207	220	240	240	126
176 Refractive error	5	-	6	3	1
177 Blindness and vision defects	52	47	36	41	30
178 Postprocedural or postoperative eye complication	19	13	11	12	10
179 Other specified eye disorders	16	17	15	14	11
Total	7,287	7,543	8,348	8,519	7,265
8 Diseases of the Ear and Mastoid Process					
180 Otitis media	826	778	835	896	452
181 Diseases of middle ear and mastoid (except otitis media)	290	342	337	280	245
182 Diseases of inner ear and related conditions	71	143	160	153	157
183 Hearing loss	225	231	251	275	211
184 Postprocedural or postoperative ear and/or mastoid process complication	40	44	40	38	41
185 Other specified and unspecified disorders of the ear	1,989	1,961	2,054	2,129	1,802
Total	3,441	3,499	3,677	3,771	2,908
9 Diseases of the Circulatory System					
186 Chronic rheumatic heart disease	8	3	2	4	2
188 Nonrheumatic and unspecified valve disorders	101	71	64	83	105
189 Endocarditis and endocardial disease	6	4	4	6	2
190 Myocarditis and cardiomyopathy	73	57	56	57	40

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CCSR High Level Group	ICD-10-CM				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
191 Pericarditis and pericardial disease	2	7	3	3	-
192 Essential hypertension	96	100	103	84	59
193 Hypertension with complications and secondary hypertension	2	2	3	1	2
194 Acute myocardial infarction	48	39	24	49	65
196 Coronary atherosclerosis and other heart disease	1,037	990	929	913	676
197 Nonspecific chest pain	151	128	116	94	71
198 Acute pulmonary embolism	34	29	21	31	21
199 Pulmonary heart disease	55	58	63	102	63
200 Other and ill-defined heart disease	19	34	28	17	9
201 Conduction disorders	134	92	118	109	118
202 Cardiac dysrhythmias	599	587	645	679	589
203 Cardiac arrest and ventricular fibrillation	6	4	2	4	3
204 Heart failure	63	65	41	57	56
205 Cerebral infarction	32	36	66	67	31
206 Acute hemorrhagic cerebrovascular disease	11	38	40	31	21
207 Sequela of hemorrhagic cerebrovascular disease	-	1	1	-	-
208 Occlusion or stenosis of precerebral or cerebral arteries without infarction	9	6	9	8	4
209 Other and ill-defined cerebrovascular disease	59	51	66	50	48
210 Sequela of cerebral infarction and other cerebrovascular disease	20	22	32	46	16
211 Peripheral and visceral vascular disease	448	375	437	471	316
212 Arterial dissections	1	3	1	4	3
213 Gangrene	12	12	7	8	8
214 Aortic; peripheral; and visceral artery aneurysms	25	19	19	25	22
215 Aortic and peripheral arterial embolism or thrombosis	7	3	5	8	4
216 Hypotension	2	9	6	2	6
217 Other specified and unspecified circulatory disease	33	40	27	52	56
218 Acute phlebitis; thrombophlebitis and thromboembolism	37	19	30	13	17
219 Chronic phlebitis; thrombophlebitis and thromboembolism	2	-	2	3	2
220 Varicose veins of lower extremity	146	179	138	207	165
221 Postthrombotic syndrome and venous insufficiency/hypertension	302	276	276	320	196
223 Postprocedural or postoperative circulatory system complication	5	3	1	1	3
224 Other specified diseases of veins and lymphatics	176	189	199	180	128
Total	3,761	3,551	3,584	3,789	2,927
10 Diseases of the Respiratory System					
225 Sinusitis	634	508	522	608	406
226 Pneumonia (except that caused by tuberculosis)	128	127	154	154	57
227 Influenza	1	-	2	-	1
228 Acute and chronic tonsillitis	523	518	534	541	303
229 Acute bronchitis	54	67	82	61	38
230 Other specified upper respiratory infections	64	54	64	81	49
231 Other specified and unspecified upper respiratory disease	1,346	1,379	1,352	1,420	913
232 Chronic obstructive pulmonary disease and bronchiectasis	2,324	2,363	2,509	2,677	1,533
233 Asthma	1,484	1,822	1,983	2,243	1,497
234 Aspiration pneumonitis	11	5	2	3	3
235 Pleurisy, pleural effusion and pulmonary collapse	215	234	211	203	155
236 Respiratory failure; insufficiency; arrest	28	29	27	48	54
237 Lung disease due to external agents	22	31	27	38	20
238 Pneumothorax	4	2	7	5	2
239 Mediastinal disorders	-	1	3	6	1
240 Other specified and unspecified lower respiratory disease	965	1,049	1,079	1,133	874
241 Postprocedural or postoperative respiratory system complication	11	17	10	13	13
Total	7,814	8,206	8,568	9,234	5,919
11 Diseases of the Digestive System					
242 Intestinal infection	33	30	16	14	11
243 Disorders of teeth and gingiva	35	42	38	57	39
244 Diseases of mouth; excluding dental	121	115	169	182	91
245 Esophageal disorders	2,734	2,625	2,487	2,386	1,673
246 Gastroduodenal ulcer	123	142	106	111	61
247 Gastrointestinal and biliary perforation	2	2	1	-	-
248 Gastritis and duodenitis	677	583	439	353	305
249 Other specified and unspecified disorders of stomach and duodenum	366	482	276	283	198

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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				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
250 Appendicitis and other appendiceal conditions	54	61	60	74	46
251 Abdominal hernia	2,136	2,212	2,018	2,008	1,789
252 Regional enteritis and ulcerative colitis	448	423	242	300	268
253 Intestinal obstruction and ileus	22	31	29	27	20
254 Diverticulosis and diverticulitis	368	374	272	261	216
255 Hemorrhoids	359	332	348	301	313
256 Anal and rectal conditions	369	345	349	338	281
257 Peritonitis and intra-abdominal abscess	56	60	54	120	65
258 Biliary tract disease	1,190	1,062	1,067	1,050	955
259 Hepatic failure	8	2	-	14	18
260 Other specified and unspecified liver disease	172	163	148	181	191
261 Pancreatic disorders (excluding diabetes)	92	103	86	76	50
262 Gastrointestinal hemorrhage	1,031	948	875	858	725
263 Noninfectious gastroenteritis	349	365	282	226	199
264 Noninfectious hepatitis	11	5	17	11	8
265 Postprocedural or postoperative digestive system complication	44	49	72	74	54
266 Other specified and unspecified gastrointestinal disorders	312	310	228	198	184
Total	11,112	10,866	9,679	9,503	7,760
12 Diseases of the Skin and Subcutaneous Tissue					
267 Skin and subcutaneous tissue infections	373	275	251	302	253
268 Other specified inflammatory condition of skin	1,065	1,014	1,052	562	597
269 Pressure ulcer of skin	78	20	30	34	54
270 Non-pressure ulcer of skin	247	116	156	161	141
271 Contact dermatitis	20	20	29	30	69
272 Postprocedural or postoperative skin complication	12	18	16	28	17
273 Other specified and unspecified skin disorders	2,725	2,917	2,864	3,357	2,585
Total	4,520	4,380	4,398	4,474	3,716
13 Diseases of the Musculoskeletal System and Connective Tissue					
274 Infective arthritis	13	11	9	10	6
275 Osteomyelitis	129	123	134	141	169
276 Rheumatoid arthritis and related disease	78	95	78	68	37
277 Juvenile arthritis	2	2	-	4	7
279 Osteoarthritis	3,593	3,871	4,554	5,054	5,465
280 Other specified joint disorders	1,316	1,156	1,173	999	862
282 Tendon and synovial disorders	2,332	2,244	2,439	2,612	2,226
283 Musculoskeletal pain, not low back pain	1,815	1,709	1,560	1,741	1,592
284 Spondylopathies/spondyloarthropathy (including infective)	7,463	7,425	7,107	7,233	6,346
285 Biomechanical lesions	8	5	3	6	2
286 Osteoporosis	45	53	27	44	29
287 Pathological fracture, initial encounter	10	7	11	5	10
288 Pathological fracture, subsequent encounter	5	6	3	4	1
289 Stress fracture, initial encounter	11	6	7	3	7
290 Stress fracture, subsequent encounter	5	3	4	4	2
293 Pathological, stress and atypical fractures, sequela	-	-	-	1	1
294 Acquired foot deformities	729	738	689	771	675
295 Scoliosis and other postural dorsopathic deformities	6	9	16	9	2
296 Acquired deformities (excluding foot)	74	95	70	72	56
297 Systemic lupus erythematosus and connective tissue disorders	137	129	129	144	69
298 Other specified connective tissue disease	1,140	1,148	1,275	1,300	1,256
299 Muscle disorders	180	197	120	109	73
300 Musculoskeletal abscess	1	1	1	1	1
301 Other specified bone disease and musculoskeletal deformities	155	124	138	143	105
302 Disorders of jaw	45	32	44	38	31
303 Aseptic necrosis and osteonecrosis	16	10	15	13	29
304 Traumatic arthropathy	12	8	3	7	2
305 Neurogenic/neuropathic arthropathy	4	5	6	4	6
306 Gout	26	32	31	20	12
307 Crystal arthropathies (excluding gout)	15	13	20	24	10
309 Autoinflammatory syndromes	-	-	1	-	-
310 Postprocedural or postoperative musculoskeletal system complication	44	29	24	51	27
311 Low back pain	519	343	262	228	244

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CCSR High Level Group	ICD-10-CM				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
Total	19,928	19,629	19,953	20,863	19,360
14 Diseases of the Genitourinary System					
312 Nephritis; nephrosis; renal sclerosis	0	5	11	8	6
313 Acute and unspecified renal failure	83	42	52	63	57
314 Chronic kidney disease	3,108	2,992	2,825	3,311	3,432
315 Urinary tract infections	348	345	311	400	339
316 Calculus of urinary tract	1,229	1,176	1,300	1,210	1,262
317 Other specified and unspecified diseases of kidney and ureters	384	408	389	444	440
318 Other specified and unspecified diseases of bladder and urethra	639	604	578	602	595
319 Urinary incontinence	361	309	354	340	302
320 Hematuria	326	253	258	251	270
321 Proteinuria	3	4	2	2	1
322 Vesicoureteral reflux	2	5	3	1	7
323 Hyperplasia of prostate	406	377	358	385	333
324 Inflammatory conditions of male genital organs	18	25	29	28	21
325 Erectile dysfunction	14	20	27	16	23
326 Male infertility	9	7	6	4	3
327 Other specified male genital disorders	346	329	329	326	319
328 Nonmalignant breast conditions	748	826	893	1,043	805
329 Inflammatory diseases of female pelvic organs	95	87	99	106	65
330 Endometriosis	173	142	157	176	158
331 Prolapse of female genital organs	294	284	298	376	336
332 Menstrual disorders	402	407	353	303	226
333 Benign ovarian cyst	93	97	101	97	74
334 Menopausal disorders	340	355	351	323	179
335 Female infertility	180	175	214	190	47
336 Other specified female genital disorders	1,016	983	845	993	640
337 Postprocedural or postoperative genitourinary system complication	46	47	44	44	51
Total	10,663	10,304	10,187	11,042	9,991
15 Pregnancy, Childbirth and the Puerperium					
338 Antenatal screening	5	9	7	5	27
339 Gestational weeks	9	3	3	5	11
340 Spontaneous abortion and complications of spontaneous abortion	36	37	44	36	35
341 Induced abortion and complications of termination of pregnancy	43	32	70	72	54
342 Ectopic pregnancy and complications of ectopic pregnancy	14	12	12	15	11
343 Molar pregnancy and other abnormal products of conception	148	135	147	152	112
345 Supervision of high-risk pregnancy	185	200	262	151	470
346 Early, first or unspecified trimester hemorrhage	8	5	16	11	4
347 Hemorrhage after first trimester	86	79	78	63	63
348 Early or threatened labor	808	735	539	433	376
349 Multiple gestation	79	49	57	42	43
350 Maternal care related to fetal conditions	494	523	418	454	354
351 Polyhydramnios and other problems of amniotic cavity	36	43	46	16	35
353 Previous C-section	5	3	2	6	2
354 Maternal care for abnormality of pelvic organs	4	7	6	5	1
355 Maternal care related to disorders of the placenta and placental implantation	18	28	18	9	8
356 Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	419	527	467	560	327
357 Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the	194	342	271	351	242
359 Prolonged pregnancy	162	169	128	150	100
360 Complications specified during childbirth	47	54	17	24	16
361 Malposition, disproportion or other labor complications	76	78	94	61	93
362 Anesthesia complications during pregnancy	-	-	-	-	1
363 OB-related trauma to perineum and vulva	-	2	-	2	-
364 Complications specified during the puerperium	12	14	14	10	11
365 Other specified complications in pregnancy	794	887	1,024	995	896
366 Uncomplicated pregnancy, delivery or puerperium	515	409	649	494	288
Total	4,197	4,382	4,389	4,122	3,580
16 Certain Conditions Originating in the Perinatal Period					
368 Liveborn	0	0	0	0	1
369 Short gestation; low birth weight; and fetal growth retardation	1	6	-	11	3
371 Neonatal cerebral disorders	-	-	-	2	2
373 Respiratory perinatal condition	2	3	2	-	3
374 Hemolytic jaundice and perinatal jaundice	6	6	3	7	3
375 Birth trauma	-	1	-	-	-
377 Newborn affected by maternal conditions or complications of labor/delivery	-	1	-	2	-
378 Hemorrhagic and hematologic disorders of newborn	-	-	1	-	-
379 Neonatal digestive and feeding disorders	2	-	1	1	2
380 Other specified and unspecified perinatal conditions	-	1	3	-	2
381 Neonatal abstinence syndrome	5	-	-	1	-

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CCSR High Level Group	ICD-10-CM				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
Total	16	18	10	24	16
17 Congenital Malformations, Deformations and Chromosomal Abnormalities					
383 Cardiac and circulatory congenital anomalies	31	46	45	31	38
384 Digestive congenital anomalies	27	22	34	31	12
385 Genitourinary congenital anomalies	112	129	145	143	114
386 Nervous system congenital anomalies	7	4	5	8	4
387 Congenital malformations of eye, ear, face, neck	24	26	29	33	20
388 Cleft lip or palate	17	11	16	11	13
389 Respiratory congenital malformations	28	9	20	30	19
390 Musculoskeletal congenital conditions	81	75	83	64	59
391 Chromosomal abnormalities	3	6	3	3	8
392 Other specified and unspecified congenital anomalies	38	35	29	37	28
Total	368	363	409	391	315
18 Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified					
393 Syncope	58	60	78	60	45
394 Fever	2	4	6	6	2
395 Shock	1	-	-	-	-
396 Nausea and vomiting	140	128	138	144	106
397 Dysphagia	935	1,033	1,179	1,262	1,065
398 Abdominal pain and other digestive/abdomen signs and symptoms	2,143	2,064	2,408	2,394	2,141
399 Malaise and fatigue	60	70	52	106	85
400 Symptoms of mental and substance use conditions	-	-	-	2	-
402 Nervous system signs and symptoms	104	100	104	123	117
403 Genitourinary signs and symptoms	799	623	698	689	828
404 Circulatory signs and symptoms	103	108	128	139	166
405 Respiratory signs and symptoms	2,842	2,732	3,018	3,187	2,648
406 Skin/Subcutaneous signs and symptoms	572	594	620	709	578
407 General sensation/perception signs and symptoms	41	43	51	53	69
408 Other general signs and symptoms	572	562	654	612	509
409 Abnormal findings without diagnosis	1,238	1,347	1,355	1,717	1,178
Total	9,610	9,468	10,489	11,203	9,537
19 Injury, Poisoning and Certain Other Consequences of External Causes					
410 Fracture of head and neck, initial encounter	86	51	59	61	44
411 Fracture of the spine and back, initial encounter	8	10	7	6	8
412 Fracture of torso, initial encounter	3	3	2	0	1
413 Fracture of the upper limb, initial encounter	854	826	852	965	789
414 Fracture of the lower limb (except hip), initial encounter	428	439	510	538	496
415 Fracture of the neck of the femur (hip), initial encounter	6	2	3	2	2
416 Dislocations, initial encounter	74	65	58	69	66
417 Traumatic brain injury (TBI); concussion, initial encounter	0	0	2	2	1
418 Spinal cord injury (SCI), initial encounter	0	1	0	1	0
419 Internal organ injury, initial encounter	2	3	1	0	4
420 Open wounds of head and neck, initial encounter	42	23	28	30	31
421 Open wounds to limbs, initial encounter	173	127	131	127	139
422 Open wounds of trunk, initial encounter	3	3	7	7	5
423 Amputation of a limb, initial encounter	23	16	19	11	10
424 Amputation of other body parts, initial encounter	0	0	1	2	0
425 Injury to blood vessels, initial encounter	2	1	1	3	2
426 Superficial injury; contusion, initial encounter	60	58	57	72	56
427 Crushing injury, initial encounter	10	10	11	11	9
428 Burn and corrosion, initial encounter	28	4	9	23	12
429 Effect of foreign body entering opening, initial encounter	40	27	38	64	46
430 Effect of other external causes, initial encounter	1	1	3	2	3
431 Poisoning by drugs, initial encounter	0	0	0	0	1
432 Toxic effects, initial encounter	4	1	4	1	2
433 Sprains and strains, initial encounter	800	833	802	825	695
434 Injury to nerves, muscles and tendons, initial encounter	694	701	615	646	526
435 Other specified injury	10	16	16	14	12
436 Other unspecified injury	46	43	28	47	29
437 Adverse effects of drugs and medicaments, initial encounter	2	0	2	0	0
439 Drug induced or toxic related condition	13	32	17	7	12
440 Allergic reactions	4	1	1	1	3
442 Complication of cardiovascular device, implant or graft, initial encounter	91	112	161	147	96
443 Complication of genitourinary device, implant or graft, initial encounter	61	64	59	77	75
444 Complication of internal orthopedic device or implant, initial encounter	318	343	384	338	319
445 Complication of transplanted organs or tissue, initial encounter	12	7	13	14	6
446 Complication of other surgical or medical care, injury, initial encounter	186	170	190	209	176

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				
	2016	2017	2018	2019	2020
CCSR Single Level Group					
447 Fracture of head and neck, subsequent encounter	6	2	0	14	6
448 Fracture of the spine and back, subsequent encounter	3	10	6	3	2
449 Fracture of torso, subsequent encounter	1	2	1	2	0
450 Fracture of the upper limb, subsequent encounter	114	93	109	85	84
451 Fracture of lower limb (except hip), subsequent encounter	87	64	69	81	42
452 Fracture of the neck of the femur (hip), subsequent encounter	8	5	1	3	1
453 Dislocations, subsequent encounter	14	5	3	6	3
454 Traumatic brain injury (TBI); concussion, subsequent encounter	4	0	2	8	0
455 Spinal cord injury (SCI), subsequent encounter	1	0	3	5	4
456 Internal organ injury, subsequent encounter	2	5	2	1	2
457 Open wounds of head and neck, subsequent encounter	0	1	2	2	0
458 Open wounds to limbs, subsequent encounter	9	17	7	13	12
459 Open wounds of trunk, subsequent encounter	4	4	1	0	2
460 Amputation of a limb, subsequent encounter	3	2	2	1	2
462 Injury to blood vessels, subsequent encounter	0	0	1	0	0
463 Superficial injury; contusion, subsequent encounter	10	4	5	10	9
464 Crushing injury, subsequent encounter	1	2	1	1	1
465 Burns and corrosion, subsequent encounter	10	2	1	1	4
466 Effect of foreign body entering opening, subsequent encounter	8	12	7	6	6
467 Effect of other external causes, subsequent encounter	0	0	1	1	0
469 Toxic effects, subsequent encounter	0	0	1	0	0
470 Sprains and strains, subsequent encounter	70	37	35	45	45
471 Injury to nerves, muscles and tendons, subsequent encounter	96	35	29	14	54
472 Other specified injury, subsequent encounter	5	0	1	3	3
473 Other unspecified injuries, subsequent encounter	3	4	3	8	4
476 Allergic reactions, subsequent encounter	0	0	1	0	0
477 Maltreatment/abuse, subsequent encounter	2	0	0	0	0
478 Complication of cardiovascular device, implant or graft, subsequent encounter	3	7	8	4	1
479 Complication of genitourinary device, implant or graft, subsequent encounter	3	11	7	3	7
480 Complication of internal orthopedic device or implant, subsequent encounter	46	25	13	18	19
481 Complication of other surgical or medical care, injury, subsequent encounter	20	11	11	13	8
482 Injury, sequela	39	18	9	12	12
484 Poisoning/toxic effect/adverse effects/underdosing, sequela	1	0	0	0	0
485 Complication, sequela	8	4	0	1	3
Total	4665	4375	4433	4686	4012
21 Factors Influencing Health Status and Contact with Health Services					
516 Encounter for administrative purposes	63	62	55	59	94
518 Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental d	72	68	90	144	116
519 Encounter for prophylactic or other procedures	246	290	321	297	191
520 Encounter for prophylactic measures (excludes immunization)	-	-	1	1	-
521 Encounter for antineoplastic therapies	23	8	7	41	213
522 Encounter for mental health conditions	-	-	-	1	-
523 Neoplasm-related encounters	15,557	16,884	15,506	15,085	11,106
524 Implant, device or graft related encounter	384	465	532	610	480
525 Other aftercare encounter	1,867	2,034	1,641	1,754	1,648
527 Other specified encounters and counseling	5	14	3	1	-
528 Contraceptive and procreative management	660	818	749	857	857
529 Medical examination/evaluation	2,221	1,728	1,621	1,494	1,041
531 Exposure, encounters, screening or contact with infectious disease	74	129	111	124	141
532 No immunization or underimmunization	-	7	-	-	-
533 Screening for neurocognitive or neurodevelopmental condition	9	-	1	-	-
534 Socioeconomic/psychosocial factors	5	-	1	1	3
535 Lifestyle/life management factors	52	21	18	10	17
536 Personal/family history of disease	5,796	4,154	3,123	3,396	2,639
537 Acquired absence of limb or organ	23	20	9	17	18
538 Organ transplant status	33	12	25	38	34
539 Carrier status	-	1	1	-	1
540 Other specified status	115	101	105	174	117
Total	27,205	26,816	23,920	24,104	18,716
Total of Groups 1 - 21	132,646	131,268	130,229	136,197	114,538

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				
	2016	2017	2018	2019	2020
CCSR Single Level Procedure Category					
1 Administration of Therapeutic Substances					
1 Transfusion of blood and blood products	514	408	459	380	358
2 Transfusion of plasma	25	16	18	10	8
3 Administration of albumin and globulin	7	6	8	10	7
4 Transfusion of clotting factors	16	15	30	29	28
5 Administration of thrombolytics and platelet inhibitors	52	49	37	30	20
6 Infusion of vasopressor	6	110	136	147	168
7 Intravenous induction of labor	172	83	60	59	58
8 Cervical ripening	-	4	13	17	23
9 Rh immunoglobulin and other serum infusion	-	1	1	-	-
10 Vaccinations	46	163	195	181	106
11 Administration and transfusion of bone marrow, stem cells, pancreatic islet cells, and t-cell	3	5	3	9	17
12 Chemotherapy	200	178	205	181	252
13 Peritoneal dialysis	14	14	5	11	9
14 Regional anesthesia	107	113	112	157	117
15 Administration of antibiotics	544	551	537	659	517
16 Administration of anti-inflammatory agents	134	181	209	151	189
17 Administration of nutritional and electrolytic substances	497	366	463	484	345
18 Irrigation (diagnostic and therapeutic)	11	18	15	29	35
19 Potential COVID-19 therapies	-	-	-	-	32
20 Administration of diagnostic substances, NEC	-	-	1	1	-
21 Administration of therapeutic substances, NEC	650	741	771	750	614
Total	2,998	3,022	3,278	3,295	2,903
2 Cardiovascular Procedures					
22 Heart biopsy	1	2	2	-	-
23 Heart conduction mechanism procedures	36	54	77	59	63
24 Coronary artery bypass grafts (CABG)	275	266	227	246	257
25 Percutaneous coronary interventions (PCI)	647	665	668	677	586
26 Other coronary artery procedures (excluding CABG and PCI)	1	3	3	-	2
27 Carotid endarterectomy and stenting	121	118	109	135	122
28 Embolectomy, endarterectomy, and related vessel procedures (non-endovascular; excluding	54	51	52	66	63
29 Angioplasty and related vessel procedures (endovascular; excluding carotid)	76	78	87	96	111
30 Left atrial appendage procedures	12	19	25	29	30
31 Ligation and embolization of vessels	66	103	78	84	91
32 Aneurysm repair procedures	52	69	67	89	77
33 Vessel repair and replacement	65	44	33	24	34
34 Heart and great vessel bypass procedures	-	-	-	1	-
35 Peripheral arterial bypass procedures	68	65	40	73	67
36 Peripheral arteriovenous fistula and shunt procedures	-	2	1	3	-
37 Portal and other venous bypass procedures	15	8	16	9	11
38 Pericardial procedures	16	29	15	14	14
40 Septal repair and other therapeutic heart procedures	13	8	5	6	1
41 Saphenous vein harvest and other therapeutic vessel removal	7	10	8	10	7
42 Artery, vein, and great vessel procedures, NEC	12	14	17	16	11
43 Heart valve replacement and other valve procedures (non-endovascular)	161	154	130	123	99
44 Heart valve replacement and other valve procedures (endovascular)	146	215	244	296	273
45 Venous and arterial catheter placement	413	530	543	508	411
46 Placement of tunneled or implantable portion of a vascular access device	18	32	46	48	52
47 Pacemaker and defibrillator procedures	210	231	247	225	244
48 Heart assist device procedures	3	8	14	21	8
49 Inferior vena cava (IVC) filter procedures	30	22	21	14	17
50 Cardiovascular device procedures, NEC	16	28	17	13	25
Total	2,534	2,828	2,792	2,885	2,676

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				
	2016	2017	2018	2019	2020
4 Central Nervous System Procedures					
52 Minimally invasive CNS biopsy	31	26	16	26	29
53 Lumbar puncture	293	303	288	253	215
54 Spinal canal and spinal cord drainage (excluding lumbar puncture)	7	15	11	10	9
55 Intracranial epidural and subdural space drainage	41	56	59	48	62
56 Ventriculostomy [percutaneous approach]	12	14	26	19	12
57 Other CNS drainage and related procedures	24	21	21	20	17
58 CNS excision procedures	84	92	95	122	89
59 Spinal cord decompression	29	28	18	23	18
60 Decompressive craniectomy	4	11	13	15	7
61 Cerebrospinal fluid shunt procedures	14	26	29	33	17
62 Meninges repair	2	4	7	15	3
63 CNS neurostimulator procedures	7	10	14	9	8
64 Spinal epidural catheter placement	16	4	4	8	7
65 CNS procedures, NEC	27	33	34	25	20
Total	591	643	635	626	513
5 Endocrine Procedures					
66 Endocrine system biopsy	9	2	7	5	5
67 Thyroidectomy	15	21	9	11	10
68 Parathyroidectomy	1	3	6	4	3
69 Adrenalectomy	8	13	8	6	5
70 Pituitary gland resection	9	19	10	15	12
71 Endocrine procedures, NEC	-	2	2	2	2
Total	42	60	42	43	37
6 Ear, Nose, and Throat Procedures					
72 Laryngoscopy (diagnostic)	56	60	64	50	41
73 ENT diagnostic endoscopy (excluding laryngoscopy)	10	8	18	15	13
74 ENT diagnostic procedures (non-endoscopic)	17	16	11	11	5
75 Diagnostic audiology	-	-	-	1	-
76 Myringotomy	6	5	5	6	2
77 ENT drainage (excluding myringotomy)	41	29	32	27	21
78 Tonsillectomy and adenoidectomy	9	7	4	7	6
79 Nasal and sinus excision	16	13	10	6	5
80 Tongue excision	4	2	5	4	8
81 Salivary gland excision	5	2	2	1	2
82 Laryngectomy	11	9	7	17	12
83 ENT excision (excluding nasal passage, sinuses, tongue, salivary glands, larynx)	4	4	7	6	7
84 ENT repair	17	15	16	34	30
85 Frenectomy	1	-	1	-	-
86 Dental procedures	8	9	8	6	5
88 ENT procedures, NEC	14	13	11	15	13
Total	219	192	201	206	170
7 Extracorporeal or Systemic Assistance and Performance					
89 Hemodialysis	235	197	202	219	199
90 Extracorporeal membrane oxygenation	-	-	-	1	2
91 Mechanical ventilation	415	448	427	402	369
92 Non-invasive ventilation	273	575	652	709	600
93 Cardiac chest compression	27	17	15	27	25
94 Cardioversion	196	183	203	215	174
95 Cardiac pacing	1	6	6	2	5
96 Open heart cardiopulmonary bypass	-	-	1	-	1
97 Cardiac assistance with balloon pump	3	11	5	17	9
98 Cardiac assistance with ventricular assist device	4	1	1	1	-
Total	1,154	1,438	1,512	1,593	1,384

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				
	2016	2017	2018	2019	2020
8 Extracorporeal or Systemic Therapies					
100 Pheresis therapy	9	12	11	13	12
102 Ultraviolet light therapy	1	-	-	-	-
103 Hypothermia therapy	3	-	-	-	-
104 Extracorporeal or systemic therapies, NEC	2	1	-	1	-
Total	15	13	11	14	12
9 Eye Procedures					
105 Eye procedures	8	10	8	14	10
106 Eyelid procedures	5	2	4	5	1
Total	13	12	12	19	11
10 Female Reproductive System Procedures					
107 Hysterectomy	159	147	152	120	108
108 Oophorectomy	31	9	15	12	10
109 Salpingectomy	11	19	16	15	11
110 Trachelectomy	3	2	-	-	-
111 Fallopian tube ligation and excision	2	5	6	3	-
112 Vulvar laceration repair	49	10	12	9	3
113 Female genital tract repair (excluding vulva)	69	8	10	10	4
114 Cervical dilation	7	7	6	1	8
115 Cervical cerclage	3	-	1	3	1
116 Female upper genital tract excision	25	18	22	19	18
117 Female lower genital tract excision	9	7	6	4	3
119 Subcutaneous contraceptive implant	-	-	-	2	3
121 Female reproductive system procedures, NEC	35	30	31	32	30
Total	403	262	277	230	199
11 Gastrointestinal System Procedures					
122 Esophagogastroduodenoscopy (EGD) with biopsy	248	262	235	254	223
123 Colonoscopy and proctoscopy with biopsy	123	140	115	140	109
124 GI system biopsy (non-endoscopic)	24	13	17	10	13
125 GI system endoscopy without biopsy (diagnostic)	386	354	317	299	260
126 Exploration of peritoneal cavity	22	20	36	37	23
127 Paracentesis	248	253	255	221	279
128 GI system drainage (excluding paracentesis)	183	147	133	147	157
129 Appendectomy	257	242	201	211	169
130 Colectomy	387	387	427	338	332
131 Gastrectomy	166	143	162	141	92
132 Small bowel resection	109	120	144	119	120
133 Duodenal resection	-	-	4	-	2
134 Proctectomy or anal resection	43	36	14	14	25
135 Esophagectomy	9	3	8	5	3
136 Omentectomy or peritoneum resection	5	8	6	10	3
137 GI system endoscopic therapeutic procedures	65	28	43	51	35
138 Gastrostomy	69	56	46	57	54
139 Ileostomy and colostomy	38	56	55	46	57
140 Gastro-jejunal bypass (including bariatric)	10	6	11	3	2
141 Anorectal repair (3rd and 4th degree obstetrical repairs and other)	14	17	7	11	11
142 GI system repair (excluding anorectal)	75	64	45	48	43
143 GI system lysis of adhesions	76	60	55	82	59
145 Other peritoneal cavity procedures	23	23	23	19	28
146 Other GI system device procedures	38	26	24	21	24
147 Upper GI therapeutic procedures, NEC (open and laparoscopic)	48	43	53	49	46
148 Upper GI therapeutic procedures, NEC (endoscopic)	32	39	51	57	48
149 Lower GI therapeutic procedures, NEC (open and laparoscopic)	21	17	32	27	20
150 Lower GI therapeutic procedures, NEC (excluding open and laparoscopic)	15	13	14	9	11
Total	2,734	2,576	2,533	2,426	2,248

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				
	2016	2017	2018	2019	2020
12 General Region Procedures					
151 Cosmetic procedures	1	1	-	8	3
152 Abdominal wall repair (including hernia)	118	105	92	88	69
153 Inguinal and femoral hernia repair	40	30	28	26	28
154 Endoscopic control of bleeding	33	102	91	98	71
155 Control of bleeding (non-endoscopic)	5	17	12	13	8
156 Chest wall procedures, NEC	14	10	10	11	9
157 Mediastinal procedures, NEC	11	4	5	6	6
158 Abdominal wall procedures, NEC	21	28	27	24	26
159 Retroperitoneal procedures, NEC	7	8	13	20	25
160 Genitourinary tract procedures, NEC	-	3	2	-	1
13 Hepatobiliary and Pancreas Procedures					
161 Liver biopsy	44	35	36	25	44
162 Pancreaticobiliary biopsy	15	11	4	4	7
163 Diagnostic ERCP with or without biopsy	9	11	22	7	8
164 Hepatobiliary resection and ablation	17	12	16	12	7
165 Pancreatectomy	14	16	16	5	6
166 Cholecystectomy	347	305	301	357	291
167 Biliary and pancreatic calculus removal	54	50	51	46	38
168 Common bile duct sphincterotomy and stenting	45	44	42	31	45
169 Pancreatic and proximal biliary dilation and stenting	4	4	5	7	5
170 Hepatobiliary and pancreatic drainage	71	76	69	70	60
173 Hepatobiliary and pancreatic procedures, NEC	3	4	4	9	5
Total	623	568	566	573	516
14 Imaging					
174 Cardiac and coronary fluoroscopy	133	182	219	268	302
175 Fluoroscopic angiography (excluding coronary)	48	56	36	35	30
176 Fluoroscopic guidance for circulatory system procedures	-	-	-	1	1
177 Fluoroscopy of non-circulatory organs	54	35	34	32	23
178 Magnetic resonance imaging (MRI)	214	152	65	78	82
179 Computerized tomography (CT) with contrast	715	547	431	515	473
180 Computerized tomography (CT) without contrast	664	595	438	532	492
181 Ultrasonography	775	616	604	696	440
182 Plain radiography	5	5	10	73	26
Total	2608	2188	1837	2230	1869
15 Lymphatic and Hemic System Procedures					
184 Lymph node biopsy	35	42	56	47	27
185 Lymph node excision (therapeutic)	5	5	5	3	1
186 Lymph node dissection	19	18	23	14	14
187 Thymectomy	6	5	-	4	3
188 Splenectomy	13	6	8	9	12
189 Spleen procedures (excluding splenectomy)	3	3	3	1	1
190 Bone marrow biopsy	49	58	76	48	65
194 Lymphatic procedures, NEC	0	2	0	0	3
Total	130	139	171	126	126

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				
	2016	2017	2018	2019	2020
16 Measurement and Monitoring					
195 Arterial oxygen saturation monitoring	54	40	21	4	5
196 Peripheral arterial pressure monitoring	2	1	-	-	0
198 Cardiac stress tests	24	47	37	31	22
199 Measurement during cardiac catheterization	208	166	105	132	105
200 Pacemaker and defibrillator interrogation	14	12	10	11	13
201 Electrocardiogram (ECG)	138	427	276	1	5
202 Cardiac monitoring	225	270	184	175	70
203 Electrophysiologic studies	2	4	-	1	1
204 Other cardiovascular system measurement and monitoring	4	12	14	5	6
205 Electroencephalogram (EEG)	210	298	276	317	281
206 ICP and other CNS monitoring (excluding EEG)	1	3	1	1	1
207 Monitoring of peripheral nerves	22	22	6	17	10
208 Pulmonary function tests	8	1	-	3	0
209 Measurement and monitoring, NEC	5	1	4	3	5
Total	917	1304	934	701	524
17 Mental Health Therapy					
212 Electroconvulsive therapy	46	39	34	51	42
213 Crisis intervention for mental health	-	1	-	12	12
214 Mental health procedures, NEC	5	37	20	1	-
Total	51	77	54	64	54
18 Male Reproductive System Procedures					
215 Circumcision	2	2	5	2	2
216 Penis procedures (excluding circumcision)	3	5	2	14	9
217 Prostatectomy	151	136	36	36	34
218 Prostate and seminal vesicle procedures (excluding prostatectomy)	34	19	26	14	26
219 Male perineum procedures	3	3	1	1	3
221 Male reproductive system procedures, NEC	10	7	12	16	10
Total	203	172	82	83	84
19 Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures					
222 Arthrocentesis	92	109	116	92	74
223 Bone and joint biopsy	75	80	89	83	74
224 Subcutaneous tissue, fascia, and muscle biopsy	58	54	74	49	54
225 Incision and drainage of musculoskeletal tissue and joints	79	72	70	70	58
226 Incision and drainage of subcutaneous tissue and fascia	85	100	88	99	87
227 Knee arthroplasty	1544	1628	1497	1383	972
228 Hip arthroplasty	1194	1320	1316	1406	990
229 Arthroplasty of other joint (excluding knee and hip)	237	266	284	315	258
230 Fixation of upper extremity bones	88	88	81	72	76
231 Femur fixation	579	572	583	618	507
232 Fixation of leg and foot bones	313	298	255	264	207
233 Bone fixation (excluding extremities)	84	81	95	64	67
234 Spine fusion	616	553	556	502	362
235 Joint fusion (excluding spine)	70	65	73	55	50
236 Closed reduction of bones and joints	65	89	67	80	61
237 Vertebral discectomy	74	43	29	31	36
238 Joint tissue excision (excluding discectomy)	20	28	33	37	25
239 Bone excision	93	102	86	89	77
240 Muscle, tendon, bursa, and ligament excision	26	31	43	34	36
241 Subcutaneous tissue and fascia excision	133	140	154	176	202
242 Perineal muscle laceration repair (2nd degree obstetrical and other)	196	114	78	79	19
243 Tendon, muscle, bursa, and ligament repair (excluding perineal)	25	33	22	20	14
244 Toe and mid foot amputation	90	101	144	153	141
245 Below knee amputation	29	26	46	51	63
246 Above knee and other proximal lower extremity amputation	24	31	27	34	27
247 Finger and other upper extremity amputation	5	12	8	9	9
249 Subcutaneous tissue and fascia procedures, NEC	54	63	72	91	49
250 Musculoskeletal device procedures, NEC	27	30	18	30	15
251 Musculoskeletal procedures, NEC	49	49	51	37	28
Total	6024	6178	6055	6023	4638

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				
	2016	2017	2018	2019	2020
20 Nuclear Medicine					
252 Planar nuclear medicine imaging	-	4	3	3	0
253 Tomographic nuclear medicine imaging	106	71	32	34	19
254 Radionuclide therapy and non-imaging procedures	-	-	-	1	0
255 Positron emission tomographic (PET) imaging	4	3	2	-	1
Total	110	78	37	38	20
22 Other Procedures					
258 Computer-assisted procedures	1	-	-	-	-
260 Isolation procedures	-	1	-	-	-
Total	1	1	-	-	-
23 Pregnancy-Related Procedures					
262 Fetal heart rate monitoring	142	105	121	115	119
263 Spontaneous vaginal delivery	2946	3253	3309	3160	3038
264 Cesarean section	1362	1339	1277	1242	1240
265 Assisted vaginal delivery	317	306	288	236	215
266 Episiotomy	23	9	4	3	1
267 Removal of placenta and other retained products of conception	20	10	19	12	11
268 Removal of ectopic pregnancy	2	3	5	3	4
269 Abortion	5	8	4	8	9
270 Pregnancy and fetal procedures, NEC	6	-	-	-	0
Total	4823	5033	5027	4779	4637
24 Dressings and Other Placements					
271 Immobilization by splint or other external device	39	34	28	30	30
272 Packing and dressing procedures	41	40	30	65	44
Total	80	74	58	95	74
25 Peripheral Nervous System Procedures					
273 Lumbosacral nerve decompression	60	26	26	41	29
274 Cervicothoracic nerve decompression	4	3	1	3	4
275 Peripheral nerve decompression (excluding lumbosacral and cervicothoracic)	4	6	3	4	5
276 Nerve repair	3	1	-	-	1
277 Peripheral nerve denervation	1	-	2	3	1
278 Peripheral nerve procedures, NEC	1	1	-	2	1
Total	73	37	32	53	41
26 Radiation Therapy					
279 Beam radiation	34	26	34	32	18
280 Brachytherapy	4	3	1	-	2
281 Stereotactic radiosurgery	-	-	1	1	0
282 Radiation therapy, NEC	-	-	1	-	2
Total	38	29	37	33	22
27 Respiratory System Procedures					
283 Bronchoscopy (diagnostic)	143	109	106	92	57
284 Lung, pleura, or diaphragm biopsy (non-endoscopic)	44	44	37	46	37
285 Thoracentesis (diagnostic)	64	94	68	88	59
286 Bronchoscopy (therapeutic)	15	9	23	18	17
287 Chest tube placement and therapeutic thoracentesis	274	262	271	287	252
288 Open and thoracoscopic pleural drainage	11	9	9	16	22
289 Airway intubation	268	191	182	195	186
290 Lung, pleura, or diaphragm resection (open and thoracoscopic)	114	107	77	70	56
291 Bronchoscopic excision and fulguration	8	5	4	6	7
292 Tracheostomy	45	27	24	34	32
293 Diaphragmatic hernia repair	29	26	5	12	19
294 Release of lung and pleura	0	7	2	4	7
296 Respiratory system procedures, NEC	11	19	17	16	9
Total	1026	909	825	884	760

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				
	2016	2017	2018	2019	2020
28 Rehabilitation, Evaluation, and Treatment					
297 Physical, occupational, and respiratory therapy evaluation	7	1	5	46	18
298 Physical, occupational, and respiratory therapy treatment	223	255	298	284	206
299 Speech therapy evaluation	3	1	-	4	-
300 Speech therapy treatment	-	6	11	3	1
Total	233	263	314	337	225
29 Skin and Breast Procedures					
301 Skin biopsy and diagnostic drainage	55	45	51	58	48
302 Incision and drainage of skin	71	78	90	55	58
303 Mastectomy and lumpectomy	38	26	22	33	12
304 Breast reconstruction	15	25	28	34	7
305 Perineal skin repair (1st degree obstetrical and other)	64	87	41	55	11
306 Skin laceration repair (excluding perineum)	82	83	87	88	90
307 Skin graft	25	24	27	33	22
308 Skin excision and debridement	89	92	85	70	74
309 Nail procedures	38	22	39	50	30
310 Skin and breast procedures, NEC	6	9	5	5	4
Total	483	491	475	481	356
30 Substance Use Disorder Treatment					
311 Substance use detoxification	261	291	331	317	399
312 Pharmacotherapy for substance use	8	8	15	21	9
Total	269	299	346	338	408
31 Urinary System Procedures					
315 Cystoscopy and ureteroscopy (including biopsy)	33	25	25	22	26
316 Kidney and other urinary tract biopsy (non-endoscopic)	34	31	29	31	25
317 Ureter and other urinary tract dilation	94	113	117	156	189
318 Removal of calculi and other matter from urinary tract	112	93	100	103	107
319 Nephrostomy and ureterostomy procedures (including stents)	47	47	48	58	56
320 Bladder catheterization and drainage	78	69	39	50	59
321 Urinary tract repair	19	16	15	20	14
322 Nephrectomy and ureterectomy	115	119	119	89	79
323 Cystectomy (including fulguration) and urethrectomy	40	46	41	45	46
324 Urinary diversion with anastomosis or ostomy	26	13	15	9	11
325 Kidney transplant	24	20	11	21	7
326 Urinary system procedures, NEC	6	15	16	19	21
Total	628	607	575	623	640
Total of Groups 1 - 31	29,148	29,647	28,858	28,945	25,270

APPENDIX I

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

CCS High Level Procedure Groups					
	2016	2017	2018	2019	2020
CCS Single Level Procedure Categories					
1 Operations on the nervous system					
1 Incision & excision of CNS	-	-	-	1	-
2 Insertion, replacem, rem of extracranial ventricular shunt	8	13	18	40	14
3 Laminectomy, excision intervertebral disc	367	342	325	341	267
4 Diagnostic spinal tap	59	58	53	144	110
5 Insert cath, spinal stimulator, inject into spinal canal	4,386	4,283	4,089	3,893	3,323
6 Decompression peripheral nerve	1,618	1,636	1,532	1,570	1,218
7 Other diagnostic nervous system procedures	2,702	2,457	2,500	2,586	4,571
8 Other non-OR or closed therapeutic nerv syst procs	2,341	2,301	2,167	2,382	3,932
9 Other OR therapeutic nervous system procedures	1,842	1,824	1,665	1,867	149
Total	13,323	12,914	12,349	12,824	13,584
2 Operations on the endocrine system					
10 Thyroidectomy, partial or complete	211	174	150	158	110
11 Diagnostic endocrine procedures	27	49	69	64	41
12 Other therapeutic endocrine procedures	93	101	93	82	71
Total	331	324	312	304	222
3 Operations on the eye					
13 Corneal transplant	9	4	4	12	3
14 Glaucoma procedures	352	344	408	513	389
15 Lens & cataract procedures	4,280	4,404	4,795	4,479	3,441
16 Repair of retinal tear, detachment	182	185	278	251	221
17 Destruction of lesion of retina & choroid	87	52	82	139	132
18 Diagnostic procedures on eye	23	45	54	32	25
19 Other therapeutic procedures on eyelids, conjunctiva, cornea	403	395	509	497	317
20 Other intraocular therapeutic procedures	2,417	2,463	2,584	3,085	3,286
21 Other extraocular muscle & orbit therapeutic procedures	104	108	128	128	76
Total	7,857	8,000	8,842	9,136	7,890
4 Operations on the ear					
22 Tympanoplasty	76	77	97	81	58
23 Myringotomy	873	834	827	798	435
24 Mastoidectomy	30	16	24	17	18
25 Diagnostic procedures on ear	3	-	6	36	19
26 Other therapeutic ear procedures	2,230	2,117	2,213	2,225	1,935
Total	3,212	3,044	3,167	3,157	2,465
5 Operations on the nose, mouth, and pharynx					
27 Control of epistaxis	154	173	175	204	116
28 Plastic procedures on nose	140	160	267	332	233
29 Dental procedures	37	41	37	50	29
30 Tonsillectomy and/or adenoidectomy	571	566	595	743	427
31 Diagnostic procedures on nose, mouth & pharynx	1,955	1,917	2,018	2,364	1,612
32 Other non-OR therapeutic procedures on nose, mouth & pharynx	44	23	28	28	191
33 Other OR therapeutic procedures on nose, mouth & pharynx	345	336	370	399	272
Total	3,246	3,216	3,490	4,120	2,880

APPENDIX I

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

CCS High Level Procedure Groups					
	2016	2017	2018	2019	2020
CCS Single Level Procedure Categories					
6 Operations on the respiratory system					
34 Tracheostomy, temporary & permanent	5	10	4	3	3
35 Tracheoscopy & laryngoscopy with biopsy	1,643	1,557	1,924	1,870	1,314
36 Lobectomy or pneumonectomy	1	-	-	-	-
37 Diagnostic bronchoscopy & biopsy of bronchus	369	311	362	391	320
38 Other diagnostic procedures on lung & bronchus	9,656	9,830	10,204	11,132	7,375
39 Incision of pleura, thoracentesis, chest drainage	233	228	182	199	183
40 Other diagnostic proc of respiratory tract & mediastinum	15	9	96	150	58
41 Other non-OR therapeutic procedures on respiratory system	11	11	21	15	17
42 Other OR therapeutic procedures on respiratory system	153	114	143	157	118
Total	12,086	12,070	12,936	13,917	9,388
7 Operations on the cardiovascular system					
43 Heart valve procedures	1	1	1	2	2
45 Percutaneous transluminal coronary angioplasty (PTCA)	10	19	14	30	17
47 Diagnostic cardiac catheterization, coronary arteriography	1,141	1,064	1,082	1,012	753
48 Insert, revis, replacet, rem pacemaker or cardioverter/defib	1,474	2,047	293	267	290
49 Other OR heart procedures	4	13	13	11	17
51 Endarterectomy, vessel of head & neck	2	-	-	-	-
52 Aortic resection, replacement or anastomosis	-	-	-	2	-
53 Varicose vein stripping, lower limb	209	219	215	246	98
54 Other vascular catheterization, not heart	1,024	1,072	1,086	1,097	1,017
55 Peripheral vascular bypass	-	-	-	-	-
56 Other vascular bypass & shunt, not heart	6	5	3	4	6
57 Creat, revis, rem of arteriovenous fistula or cannula for dialys	165	280	290	278	215
58 Hemodialysis	56	25	30	47	17
59 Other OR procedures on vessels of head & neck	100	95	88	97	65
60 Embolectomy & endarterectomy of lower limbs	1	1	3	-	-
61 Other OR procedures on vessels other than head & neck	403	267	314	302	235
62 Other diagnostic cardiovascular procedures	663	550	696	750	562
63 Other non-OR therapeutic cardiovascular procedures	3,274	3,191	3,479	3,356	3,382
Total	8,533	8,849	7,607	7,501	6,676
8 Operations on the hemic and lymphatic system					
64 Bone marrow transplant	23	38	35	47	54
65 Bone marrow biopsy	75	66	107	303	104
66 Procedures on spleen	1	-	1	-	-
67 Other therap procedures, hemic & lymphatic system	149	166	190	226	219
Total	248	270	333	576	377

APPENDIX I

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

CCS High Level Procedure Groups					
CCS Single Level Procedure Categories	2016	2017	2018	2019	2020
9 Operations on the digestive system					
68 Injection or ligation of esophageal varices	46	39	55	49	35
69 Esophageal dilatation	508	473	436	400	304
70 Upper gastrointestinal endoscopy, biopsy	5,424	5,367	5,166	5,414	3,703
71 Gastrostomy, temporary & permanent	114	97	105	110	100
72 Colostomy, temporary & permanent	2	1	1	1	1
73 Ileostomy & other enterostomy	16	16	19	20	21
75 Small bowel resection	-	-	-	-	-
76 Colonoscopy & biopsy	24,701	24,036	21,941	20,948	16,787
77 Proctoscopy & anorectal biopsy	664	622	589	600	455
78 Colorectal resection	14	9	7	8	7
79 Local excision of large intestine lesion (not endoscopic)	-	1	-	-	-
80 Appendectomy	59	62	75	98	67
81 Hemorrhoid procedures	203	198	229	212	224
82 Endoscopic retrograde cannulation of pancreas (ERCP)	159	148	136	136	129
83 Biopsy of liver	1	-	-	4	3
84 Cholecystectomy & common duct exploration	1,024	925	919	886	781
85 Inguinal & femoral hernia repair	1,062	1,089	1,073	1,136	1,054
86 Other hernia repair	845	882	791	741	668
87 Laparoscopy	82	45	78	84	70
88 Abdominal paracentesis	309	352	382	402	480
89 Exploratory laparotomy	-	3	1	3	2
90 Excision, lysis peritoneal adhesions	1	-	-	-	-
91 Peritoneal dialysis	2,769	2,658	2,531	3,037	3,199
92 Other bowel diagnostic procedures	-	1	-	-	-
93 Other non-OR upper GI therapeutic procedures	21	27	22	17	15
94 Other OR upper GI therapeutic procedures	33	47	55	34	22
95 Other non-OR lower GI therapeutic procedures	64	63	34	48	66
96 Other OR lower GI therapeutic procedures	198	189	181	200	184
97 Other gastrointestinal diagnostic procedures	280	290	220	452	121
98 Other non-OR gastrointestinal therapeutic procedures	66	67	97	129	148
99 Other OR gastrointestinal therapeutic procedures	127	133	129	127	70
Total	38,792	37,840	35,272	35,296	28,716
10 Operations on the urinary system					
100 Endoscopy & endoscopic biopsy of the urinary tract	1,655	1,310	1,206	1,237	1,444
101 Transurethral excision, drainage, rem urinary obstruction	614	622	691	768	773
102 Ureteral catheterization	254	282	305	282	281
103 Nephrotomy & nephrostomy	72	103	114	129	146
104 Nephrectomy, partial or complete	4	1	9	20	27
106 Genitourinary incontinence procedures	209	197	183	207	157
107 Extracorporeal lithotripsy, urinary	842	855	901	841	846
108 Indwelling catheter	574	438	576	755	665
109 Procedures on the urethra	218	201	199	211	184
110 Other diagnostic procedures of urinary tract	11	13	28	66	12
111 Other non-OR therapeutic procedures of urinary tract	803	784	726	676	728
112 Other OR therapeutic procedures of urinary tract	265	326	326	315	316
Total	5,521	5,132	5,264	5,507	5,579

APPENDIX I

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

CCS High Level Procedure Groups					
CCS Single Level Procedure Categories	2016	2017	2018	2019	2020
11 Operations on the male genital organs					
113 Transurethral resection of prostate (TURP)	144	145	156	141	126
114 Open prostatectomy	3	6	104	118	111
115 Circumcision	286	283	272	272	209
116 Diagnostic procedures, male genital	209	237	379	292	307
117 Other non-OR therapeutic procedures, male genital	162	158	145	152	132
118 Other OR therapeutic procedures, male genital	504	494	432	395	369
Total	1,308	1,323	1,488	1,370	1,254
12 Operations on the female genital organs					
119 Oophorectomy, unilateral & bilateral	327	385	383	399	352
120 Other operations on ovary	35	64	84	78	57
121 Ligation of fallopian tubes	139	136	118	65	31
123 Other operations on fallopian tubes	27	4	2	5	2
124 Hysterectomy, abdominal & vaginal	633	610	669	620	541
125 Other excision of cervix & uterus	401	402	335	422	244
126 Abortion (termination of pregnancy)	47	32	73	72	58
127 D&C, aspiration after delivery or abortion	185	179	184	186	148
128 Diagnostic dilatation & curettage (D&C)	38	34	34	33	27
129 Repair cystocele & rectocele, oblit of vaginal vault	120	112	102	135	131
130 Other diagnostic procedures, female organs	3,181	3,061	3,032	2,988	2,264
131 Other non-OR therapeutic procedures, female organs	538	650	575	712	594
132 Other OR therapeutic procedures, female organs	335	375	400	422	296
Total	6,006	6,044	5,991	6,137	4,745
13 Obstetrical procedures					
122 Removal of ectopic pregnancy	13	12	11	13	10
134 Cesarean section	-	-	2	-	-
135 Forceps, vacuum & breech delivery	1	4	1	1	1
137 Other procedures to assist delivery	42	48	55	46	73
138 Diagnostic amniocentesis	1	1	-	1	-
139 Fetal monitoring	3,826	4,043	4,006	3,766	3,258
140 Repair of current obstetric laceration	-	5	2	-	-
141 Other therapeutic obstetrical procedures	24	26	22	37	22
Total	3,907	4,139	4,099	3,864	3,364

APPENDIX I

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

CCS High Level Procedure Groups					
	2016	2017	2018	2019	2020
CCS Single Level Procedure Categories					
14 Operations on the musculoskeletal system					
142 Partial excision bone	449	469	447	421	344
143 Bunionectomy or repair of toe deformities	495	499	484	514	403
144 Treatment, facial fracture or dislocation	78	50	55	64	41
145 Treatment, fracture or disloc of radius & ulna	464	450	434	576	425
146 Treatment, fracture or disloc of hip & femur	13	15	14	8	7
147 Treatment, fracture or disloc of lower extremity	474	466	535	596	532
148 Other fracture & dislocation procedure	507	502	516	503	444
149 Arthroscopy	353	374	363	345	266
150 Division of joint capsule, ligament or cartilage	90	77	62	50	58
151 Excision of semilunar cartilage of knee	1,227	1,071	967	870	748
152 Arthroplasty knee	56	36	207	340	552
153 Hip replacement, total & partial	31	23	34	55	414
154 Arthroplasty other than hip or knee	222	244	216	186	202
155 Arthrocentesis	5,229	5,307	5,902	6,638	6,590
156 Injections & aspirations of muscles, tendons, etc.	1,277	1,290	1,453	1,747	1,372
157 Amputation of lower extremity	131	139	125	154	170
158 Spinal fusion	30	47	119	127	72
159 Other diagnostic procedures on musculoskeletal system	78	68	61	91	48
160 Other therapeutic procedures on muscles & tendons	2,614	2,586	2,625	2,461	1,983
161 Other OR therapeutic procedures on bone	601	637	593	564	442
162 Other OR therapeutic procedures on joints	1,160	1,044	1,058	1,028	866
163 Other non-OR therapeutic procedures on musc system	25	40	29	24	59
164 Other OR therapeutic procedures on musc system	62	74	61	46	42
Total	15,666	15,508	16,360	17,408	16,080
15 Operations on the integumentary system					
165 Breast biopsy & other diagnostic procedures on breast	1,029	1,150	1,368	1,534	1,212
166 Lumpectomy, quadrantectomy of breast	455	385	538	639	508
167 Mastectomy	68	72	120	158	145
168 Incision & drainage, skin & subcutaneous tissue	261	172	174	192	208
169 Debridement of wound, infection or burn	660	337	345	496	426
170 Excision of skin lesion	4,720	4,624	4,667	5,509	4,036
171 Suture of skin & subcutaneous tissue	721	663	580	592	525
172 Skin graft	561	673	632	642	576
173 Other diagnostic proc on skin & subcutaneous tissue	160	280	267	1,535	236
174 Other non-OR therapeutic procedures on skin & breast	3,599	3,781	3,617	3,344	3,125
175 Other OR therapeutic procedures on skin & breast	376	458	411	439	321
Total	12,610	12,595	12,719	15,080	11,318
Total of Groups 1 - 15	132,646	131,268	130,229	136,197	114,538

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
250	Pharmacy	7300	Drugs Charged to Patients
251	Pharmacy: Generic	7300	Drugs Charged to Patients
252	Pharmacy: Nongeneric	7300	Drugs Charged to Patients
254	Pharmacy: Incident to other diagnostic services	7300	Drugs Charged to Patients
255	Pharmacy: Incident to radiology	7300	Drugs Charged to Patients
256	Pharmacy: Experimental drugs	7300	Drugs Charged to Patients
257	Pharmacy: Non-prescription	7300	Drugs Charged to Patients
258	Pharmacy: IV solutions	7300	Drugs Charged to Patients
259	Pharmacy: Other	7300	Drugs Charged to Patients
260	IV Therapy	6400	Intravenous Therapy
261	IV Therapy: Infusion pump	6400	Intravenous Therapy
262	IV Therapy: IV Therapy, pharm services	6400	Intravenous Therapy
263	IV Therapy: IV Therapy/drug/supp/delivery	6400	Intravenous Therapy
264	IV Therapy: supplies	6400	Intravenous Therapy
269	IV Therapy: Other IV therapy	6400	Intravenous Therapy
270	Medical/Surgical Supplies	7100	Medical Supplies Charged to Patients
271	Medical/Surgical Supplies: Nonsterile supplies	7100	Medical Supplies Charged to Patients
272	Medical/Surgical Supplies: Sterile supplies	7100	Medical Supplies Charged to Patients
273	Medical/Surgical Supplies: Take home supplies	7100	Medical Supplies Charged to Patients
274	Medical/Surgical Supplies: Prosthetic/Orthotic devices	3540	Prosthetic Devices
275	Medical/Surgical Supplies: Pacemaker	7200	Impl. Dev. Charged to Patient
276	Medical/Surgical Supplies: Intraocular lens	7200	Impl. Dev. Charged to Patient
278	Medical/Surgical Supplies: Other implants	7200	Impl. Dev. Charged to Patient
279	Medical/Surgical Supplies: Other supplies/devices	7100	Medical Supplies Charged to Patients
280	Oncology	3480	Oncology
289	Oncology: Other oncology	3480	Oncology

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
299	Durable Medical Equipment: Other equipment	9700	Durable Medical Equip. - Sold
300	Laboratory - Clinical Diagnostic	3390	Laboratory - Clinical
301	Laboratory - Clinical Diagnostic: Chemistry	3180	Chemistry
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 & 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	Cytology
312	Laboratory - Pathology: Histology	3360	Histology
314	Laboratory - Pathology: Biopsy	3060	Biopsy
319	Laboratory - Pathology: Other	3420	Laboratory - Pathological
320	Radiology - Diagnostic	5400	Radiology - Diagnostic
321	Radiology - Diagnostic: Angiocardigraphy	3030	Angiocardigraphy
322	Radiology - Diagnostic: Arthrography	5400	Radiology - Diagnostic
323	Radiology - Diagnostic: Arteriography	3650	Vascular Lab
324	Radiology - Diagnostic: Chest X-ray	5400	Radiology - Diagnostic
329	Radiology - Diagnostic: Other	5400	Radiology - Diagnostic
330	Radiology - Therapeutic	5500	Radiology - Therapeutic
331	Radiology - Therapeutic: Chemotherapy - injected	3190	Chemotherapy
332	Radiology - Therapeutic: Chemotherapy - oral	3190	Chemotherapy
333	Radiology - Therapeutic: Radiation therapy	5500	Radiology - Therapeutic

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
335	Radiology - Therapeutic: Chemotherapy - IV	3190	Chemotherapy
339	Radiology - Therapeutic: Other	5500	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
349	Nuclear Medicine: Other	3450	Nuclear Medicine - Diagnostic
350	CT Scan	5700	CT Scan
351	CT Scan: Head	5700	CT Scan
352	CT Scan: Body	5700	CT Scan
359	CT Scan: Other CT scans	5700	CT Scan
360	Operating Room Services	5000	Operating Room
361	Operating Room Services: Minor surgery	5000	Operating Room
362	Operating Room Services: Organ transplant, not kidney	5000	Operating Room
367	Operating Room Services: Kidney transplant	5000	Operating Room
369	Operating Room Services: Other operating room services	5000	Operating Room
370	Anesthesia	5300	Anesthesiology
371	Anesthesia: Incident to radiology	5300	Anesthesiology
372	Anesthesia: Incident to other diag services	5300	Anesthesiology
379	Anesthesia: Other anesthesia	5300	Anesthesiology
380	Blood	6200	Whole Blood & Packed Red Blood Cells
381	Blood: Packed red cells	6200	Whole Blood & Packed Red Blood Cells
382	Blood: Whole blood	6200	Whole Blood & Packed Red Blood Cells
383	Blood: Plasma	6200	Whole Blood & Packed Red Blood Cells

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
384	Blood: Platelets	6200	Whole Blood & Packed Red Blood Cells
385	Blood: Leukocytes	6200	Whole Blood & Packed Red Blood Cells
386	Blood: Other components	6200	Whole Blood & Packed Red Blood Cells
387	Blood: Other derivatives	6200	Whole Blood & Packed Red Blood Cells
389	Blood: Other blood	6200	Whole Blood & Packed Red Blood Cells
390	Blood Storage/Processing	6300	Blood Storing, Processing, & Trans
391	Blood: Administration (e.g. Transfusion)	6300	Blood Storing, Processing, & Trans
392	Blood: Processing and Storage	6300	Blood Storing, Processing, & Trans
399	Other blood handling	6300	Blood Storing, Processing, & Trans
400	Other Imaging Services	5400	Radiology - Diagnostic
401	Other Imaging Services: Diagnostic mammography	3440	Mammography
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	5400	Radiology - Diagnostic
410	Respiratory Services	6500	Respiratory Therapy
412	Respiratory Services: Inhalation services	6500	Respiratory Therapy
413	Respiratory Services: Hyperbaric oxygen therapy	6500	Respiratory Therapy
419	Respiratory Services: Other respiratory services	6500	Respiratory Therapy
420	Physical Therapy	6600	Physical Therapy
421	Physical Therapy: Visit charge	6600	Physical Therapy
422	Physical Therapy: Hourly charge	6600	Physical Therapy
423	Physical Therapy: Group rate	6600	Physical Therapy
424	Physical Therapy: Evaluation/re-evaluation	6600	Physical Therapy
429	Physical Therapy: Other physical therapy	6600	Physical Therapy

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
430	Occupational Therapy	6700	Occupational Therapy
431	Occupational Therapy: Visit charge	6700	Occupational Therapy
432	Occupational Therapy: Hourly charge	6700	Occupational Therapy
433	Occupational Therapy: Group rate	6700	Occupational Therapy
434	Occupational Therapy: Evaluation/re-evaluation	6700	Occupational Therapy
439	Occupational Therapy: Other occupational therapy	6700	Occupational Therapy
440	Speech-Language Pathology	6800	Speech Pathology
441	Speech-Language Pathology: Visit charge	6800	Speech Pathology
442	Speech-Language Pathology: Hourly charge	6800	Speech Pathology
443	Speech-Language Pathology: Group rate	6800	Speech Pathology
444	Speech-Language Pathology: Evaluation/ re-evaluation	6800	Speech Pathology
449	Speech-Language Pathology: Other speech language pathology	6800	Speech Pathology
450	Emergency Room	9100	Emergency
451	Emergency Room: EM/EMTALA	9100	Emergency
452	Emergency Room: ER/ Beyond EMTALA	9100	Emergency
456	Emergency Room: Urgent care	9100	Emergency
459	Emergency Room: Other emergency room	9100	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	5900	Cardiac Catheterization

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
482	Cardiology: Stress test	3620	Stress Test
483	Cardiology: Echocardiology	3260	Echocardiography
489	Cardiology: Other cardiology	3140	Cardiology
490	Ambulatory Surgery	7500	ASC (Non-Distinct Part)
499	Ambulatory Surgery: Other ambulatory surgical care	7500	ASC (Non-Distinct Part)
510	Clinic	9000	Clinic
511	Clinic: Chronic pain center	9000	Clinic
512	Clinic: Dental clinic	3250	Dental Services
513	Clinic: Psychiatric clinic	3550	Psychiatric/Psychological Services
514	Clinic: OB/GYN clinic	9000	Clinic
515	Clinic: Pediatric clinic	9000	Clinic
516	Clinic: Urgent care clinic	9000	Clinic
517	Clinic: Family clinic	4040	Family Practice
519	Clinic: Other clinic	9000	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)	5800	Magnetic Resonance Imaging (MRI)
611	Magnetic Resonance Tech. (MRT): Brain (incl. Brainstem)	5800	Magnetic Resonance Imaging (MRI)
612	Magnetic Resonance Tech. (MRT): Spinal cord (incl. spine)	5800	Magnetic Resonance Imaging (MRI)
614	Magnetic Resonance Tech. (MRT): MRI - Other	5800	Magnetic Resonance Imaging (MRI)
615	Magnetic Resonance Tech. (MRT): MRA - Head and Neck	5800	Magnetic Resonance Imaging (MRI)
616	Magnetic Resonance Tech. (MRT): MRA - Lower Ext	5800	Magnetic Resonance Imaging (MRI)
618	Magnetic Resonance Tech. (MRT): MRA - Other	5800	Magnetic Resonance Imaging (MRI)
619	Magnetic Resonance Tech. (MRT): Other MRT	5800	Magnetic Resonance Imaging (MRI)

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
621	Med - Surg Supplies Ext. of 270: Incident to radiology	7100	Medical Supplies Charged to Patients
622	Med - Surg Supplies Ext. of 270: Incident to other diag.	7100	Medical Supplies Charged to Patients
623	Surgical dressings	7100	Medical Supplies Charged to Patients
624	Med - Surg Supplies Ext. of 270: Investigational Device (IDE)	7200	Impl. Dev. Charged to Patient
631	Drugs Require Specific ID: Single source drug	7300	Drugs Charged to Patients
632	Drugs Require Specific ID: Multiple source drug	7300	Drugs Charged to Patients
633	Drugs Require Specific ID: Restrictive prescription	7300	Drugs Charged to Patients
634	Drugs Require Specific ID: EPO under 10,000 units	7300	Drugs Charged to Patients
635	Drugs Require Specific ID: EPO over 10,000 units	7300	Drugs Charged to Patients
636	Drugs Require Specific ID: Drugs requiring detail coding	7300	Drugs Charged to Patients
637	Drugs Require Specific ID: Self admin drugs (insulin admin in emergency-diabetes coma)	7300	Drugs Charged to Patients
681	Trauma Response: Level I	9100	Emergency
682	Trauma Response: Level II	9100	Emergency
683	Trauma Response: Level III	9100	Emergency
684	Trauma Response: Level IV	9100	Emergency
689	Trauma Response: Other	9100	Emergency
700	Cast Room	9000	Clinic
710	Recovery Room	5100	Recovery Room
720	Labor Room	5200	Delivery Room & Labor Room
721	Labor Room: Labor	5200	Delivery Room & Labor Room
722	Labor Room: Delivery	5200	Delivery Room & Labor Room
723	Labor Room: Circumcision	3220	Circumcision
724	Labor Room: Birthing center	3070	Birthing Center
729	Labor Room: Other labor room/delivery	5200	Delivery Room & Labor Room

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	9000	Clinic
761	Treatment/Observation Room: Treatment room	9000	Clinic
762	Treatment/Observation Room: Observation room	9201	Observation Beds (Distinct Part)
769	Treatment/Observation Room: Other treatment room	9000	Clinic
770	Preventive Care Services	9000	Clinic
771	Preventive Care Services: Admin. of vaccine	9000	Clinic
790	Extra-Corp Shock Wave Therapy	3640	Urology
800	Inpatient Dialysis	7400	Renal Dialysis
801	Inpatient Hemodialysis	7400	Renal Dialysis
802	Inpatient peritoneal dialysis	7400	Renal Dialysis
803	inpatient dialysis CAPD	7400	Renal Dialysis
804	Inpatient dialysis CCPD	7400	Renal Dialysis
809	Other inp dialysis	7400	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)

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
820	Hemo OPD/Home	7400	Renal Dialysis
821	Hemo OPD/Home: Hemodialysis comp or other rate	7400	Renal Dialysis
822	Hemo OPD/Home supplies	7400	Renal Dialysis
823	Hemo OPD/home equipment	7400	Renal Dialysis
824	Hemo OPD/Home Maintenance 100%	7400	Renal Dialysis
825	Hemo OPD/Home Support Services	7400	Renal Dialysis
829	Hemo OPD/Home: Other HEMO outpatient	7400	Renal Dialysis
830	Peritoneal OPD/Home	7400	Renal Dialysis
831	Peritoneal OPD/Home: Peritoneal comp or other rate	7400	Renal Dialysis
839	Peritoneal OPD/Home: Other peritoneal dialysis	7400	Renal Dialysis
840	CAPD OPD/Home	7400	Renal Dialysis
841	CAPD OPD/Home: CAPD comp or other rate	7400	Renal Dialysis
849	CAPD OPD/Home: Other CAPD dialysis	7400	Renal Dialysis
850	CCPD OPD/Home	7400	Renal Dialysis
851	CCPD OPD/Home: CCPD comp or other rate	7400	Renal Dialysis
859	CCPD OPD/Home: Other CCPD dialysis	7400	Renal Dialysis
860	Magnetoencephalography (MEG)	3280	EKG and EEG
861	MEG	3280	EKG and EEG
880	Miscellaneous Dialysis	7400	Renal Dialysis
881	Miscellaneous Dialysis: Ultrafiltration	7400	Renal Dialysis
889	Miscellaneous Dialysis: Other misc dialysis	7400	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

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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
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: Electromyelogram	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	9000	Clinic
942	Other Therapeutic Serv: Educ/training	9000	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	6500	Respiratory Therapy

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	
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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	
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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	
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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	
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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	
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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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

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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
660	Respite Care	N/A	
661	Hourly Respite Care Charge Nursing	N/A	
662	Hourly Respite Care Charge Aide/Homemaker/Companion	N/A	
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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	
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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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	
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 accommodations	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	

Appendix J

Crosswalk for Revenue Code to Primary Cost

Revenue Code	Revenue Code Description	Primary Cost Center	Primary Cost Center Name
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
(UVMHC)
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
108 Cherry Street, PO Box 70
Burlington, VT 05402-0070
(802) 863-7300 or (800) 869-2871

To request non-public data elements, contact:
Analytical Team
Green Mountain Care Board
144 State Street
Montpelier, VT 05620-1701
GMCB.DATA@vermont.gov
(802) 828-2906

(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 Diagnosis Groups	CCSR single level diagnosis groups collapsed into 21 high level categories.	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 31 high 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