



# Children's Special Health Care Services

## **CSHCS Enrollment and Expenditure Trends FY2012-FY2020**



Children's Special  
Health Care Services

[www.michigan.gov/cshcs](http://www.michigan.gov/cshcs)



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## Part I. Overall Enrollment and Expenditure Patterns

Enrollment categories are based on benefit designations in the state's data warehouse:

- Children's Special Health Care Services (CSHCS) is part of Title V of the Federal Social Security Act; CSHCS enrollment is designated with a 5
- Traditional Medicaid is part of Title XIX of the Federal Social Security Act; traditional Medicaid coverage is designated with a 19
- Expanded Medicaid related to the State Children's Health Insurance Program is part of Title XXI of the Federal Social Security Act; coverage through MiChild or Healthy Kids Expansion is designated with a 21

**CSHCS Enrollee:** Individual with  $\geq 1$  month of CSHCS or CSHCS-MC benefit in the fiscal year

**Monthly Enrollment:** assigned based on individual's benefit plan

- 5/19 = both CSHCS/CSHCS-MC *and* traditional Medicaid (MA or MA-HMP)
- 5/21 = both CSHCS/CSHCS-MC *and* CHIP (MiChild, Healthy Kids Expansion)
- 5 Only = CSHCS *and* none of the above benefit plans

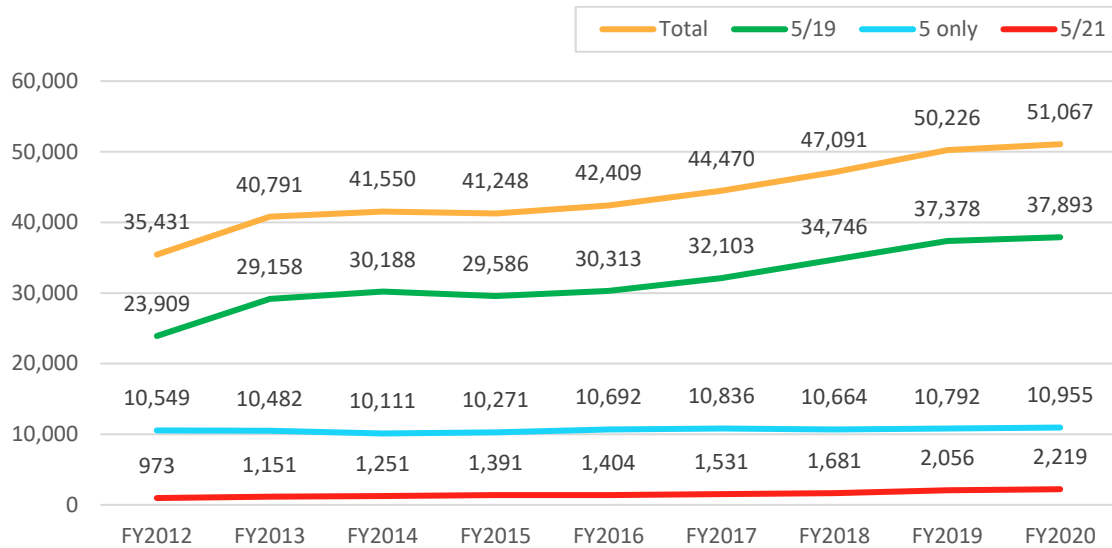
*The 5 Only group may include individuals with limited-benefit Medicaid (e.g., Spenddown, emergency services only, or Medicare premium support plans)*

**Annual Enrollment:** assigned based on individual's predominant benefit plan throughout the year (does not need to be concurrent with CSHCS)

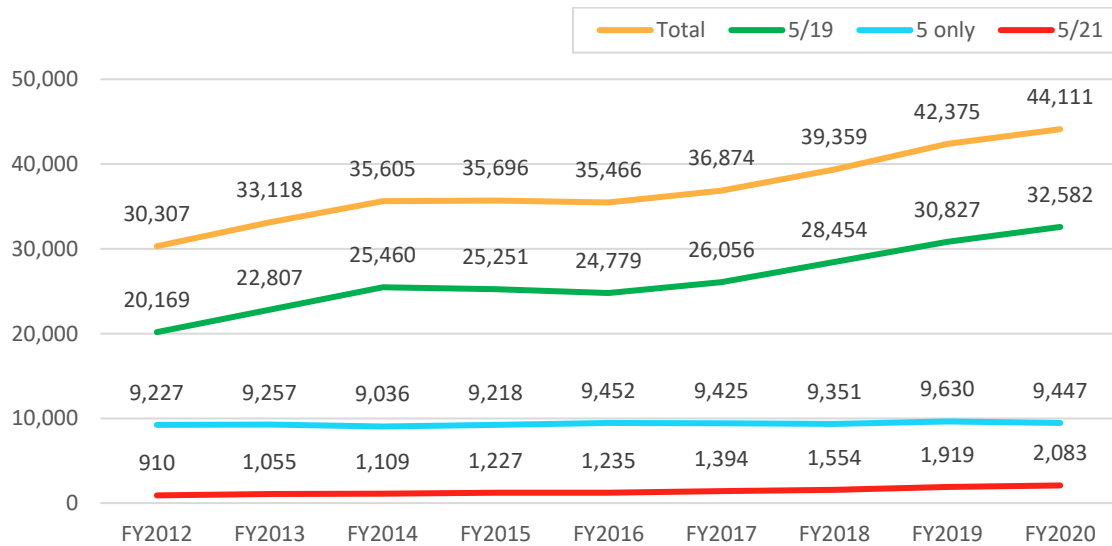
- 5/19 =  $\geq 1$  month of CSHCS/CSHCS-MC *and*  $\geq 1$  month of traditional Medicaid
- 5/21 =  $\geq 1$  month of CSHCS/CSHCS-MC *and*  $\geq 1$  month of expanded Medicaid
- 5 Only =  $\geq 1$  month of CSHCS *and* neither traditional nor expanded Medicaid

**Other Insurance:** Individual has a record in the third-party liability field that indicates presence of other "medical benefit" coverage

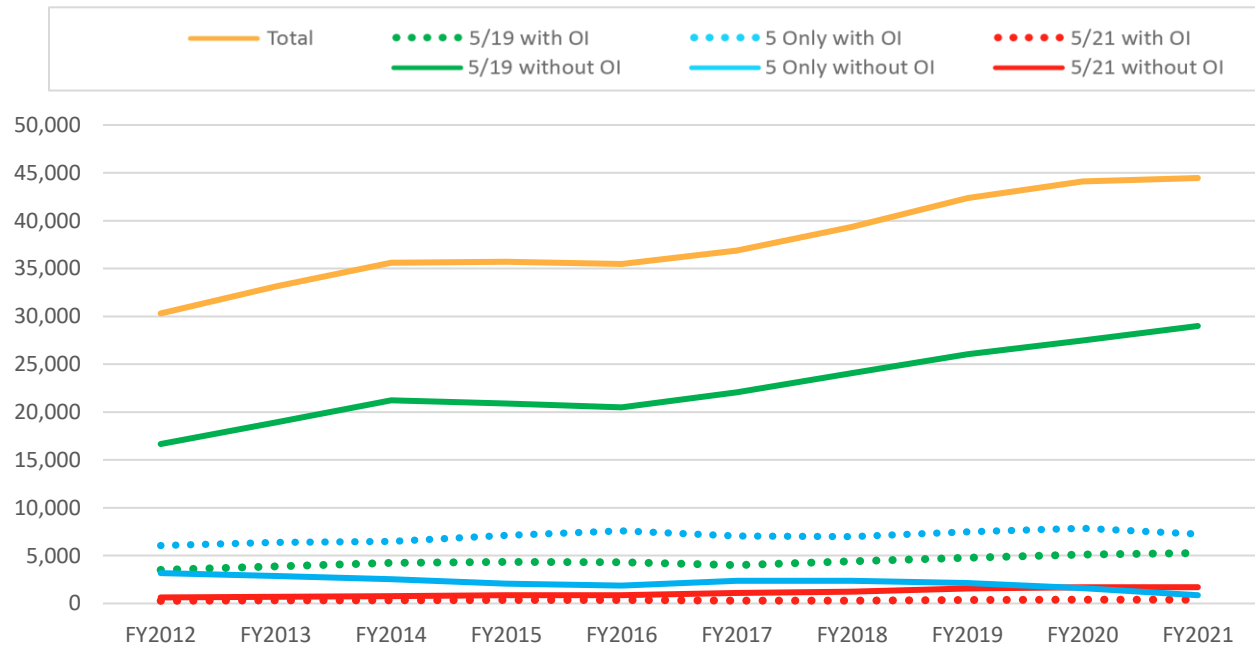
## Annual CSHCS Enrollment – FY2012 to FY2020



## Average Monthly Enrollment – FY2012 to FY2020



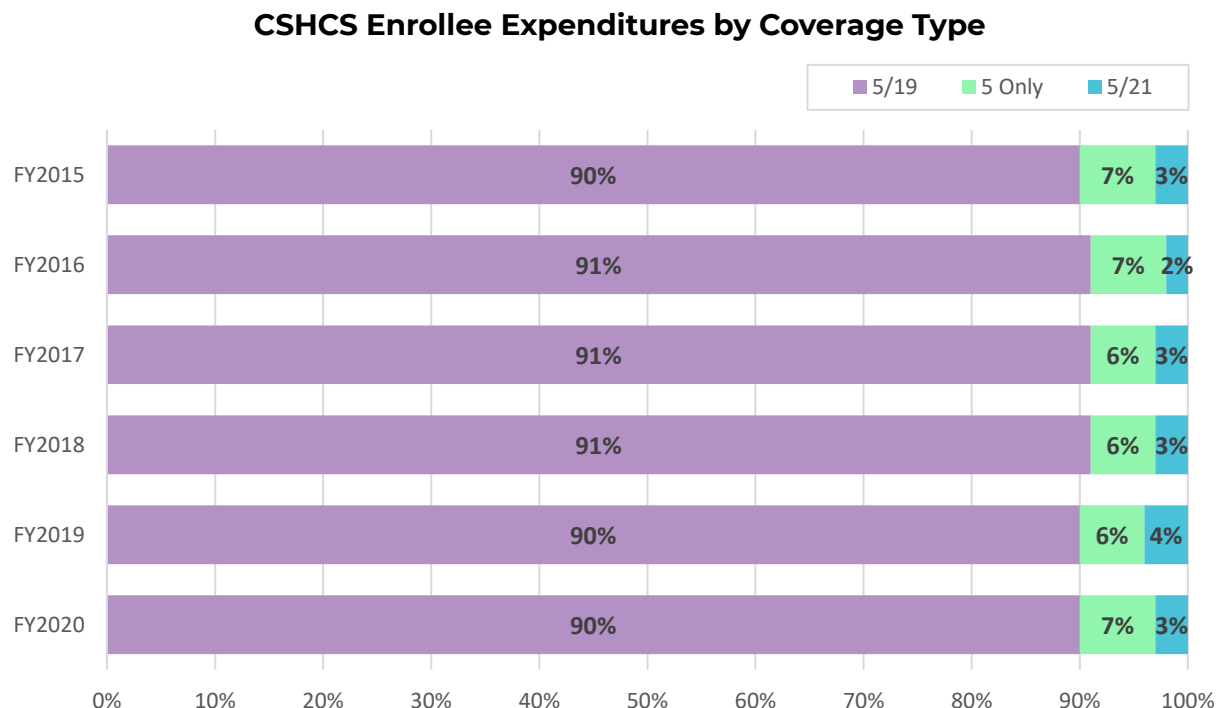
## Average Monthly Enrollment, With and Without Other Insurance – FY2012 to FY2020



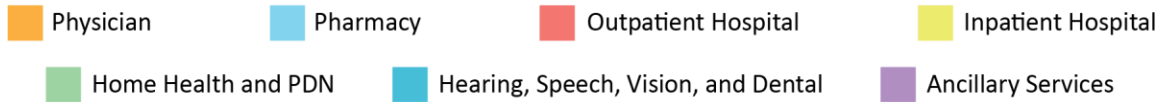
Expenditures reflect final adjusted records for months of CSHCS or CSHCS-MC enrollment. Expenditure totals include fee-for-service approved amount, managed care encounter paid amount, and pharmacy net amount due. Expenditures do not include pharmacy rebates, specialty mental health services, and most school-based services.

**Annual expenditures by coverage type:** assigned based on the individual's predominant benefit plan throughout the year (see page 2) and including all expenditures for that individual

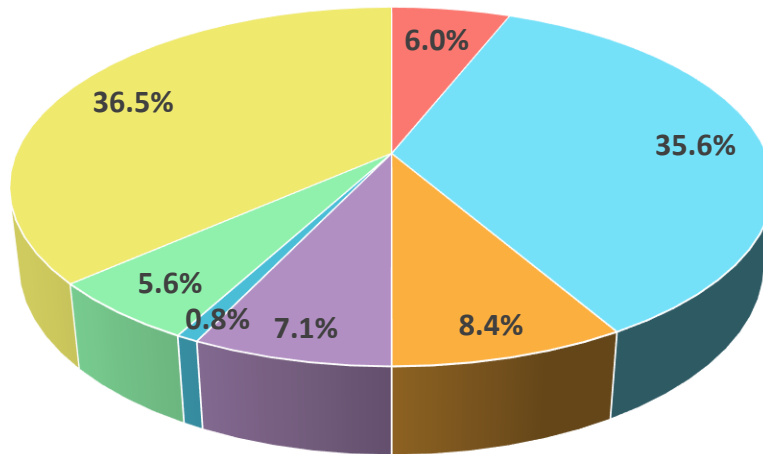
**Annual expenditures by type of services:** assigned based on service and location codes included in billing data



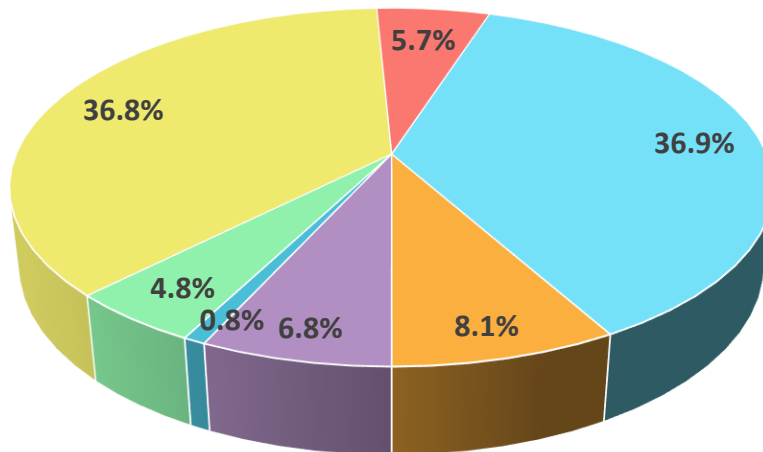
### Type of Service Category



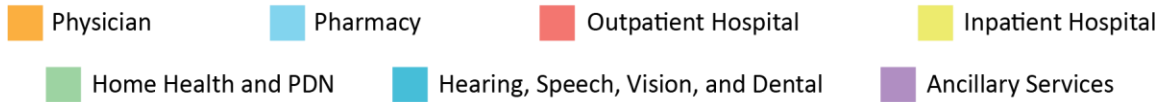
### CSHCS Enrollee Expenditures by Type of Service – FY2015



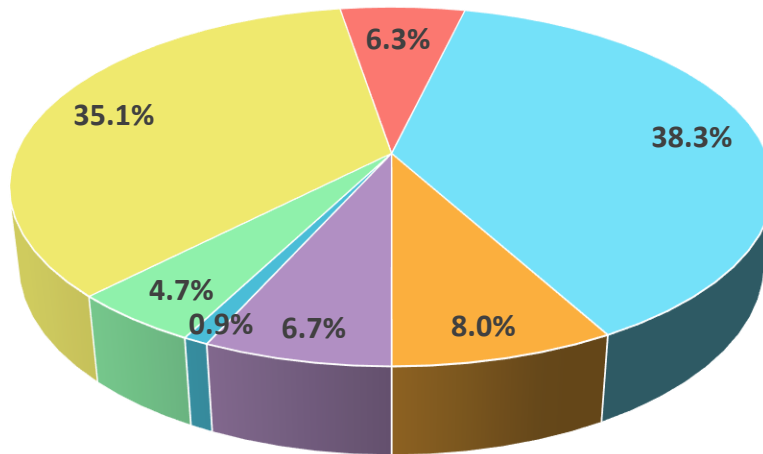
### CSHCS Enrollee Expenditures by Type of Service – FY2016



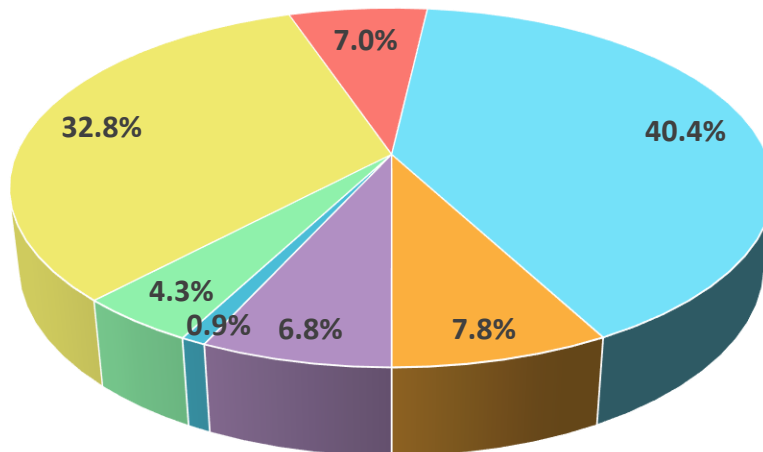
## Type of Service Category



### CSHCS Enrollee Expenditures by Type of Service – FY2017

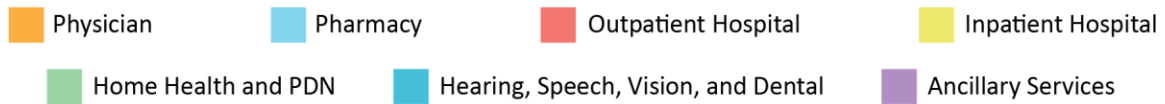


### CSHCS Enrollee Expenditures by Type of Service – FY2018

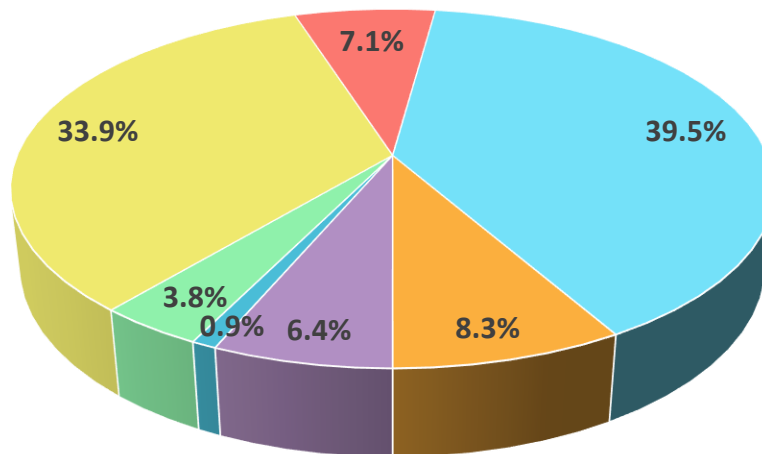




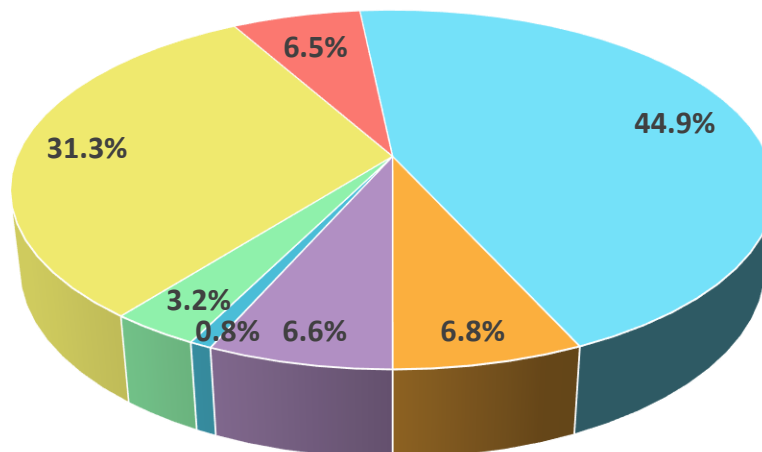
## Type of Service Category



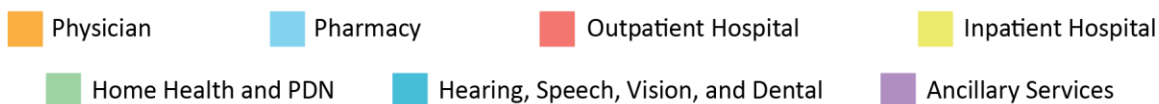
### CSHCS Enrollee Expenditures by Type of Service – FY2019



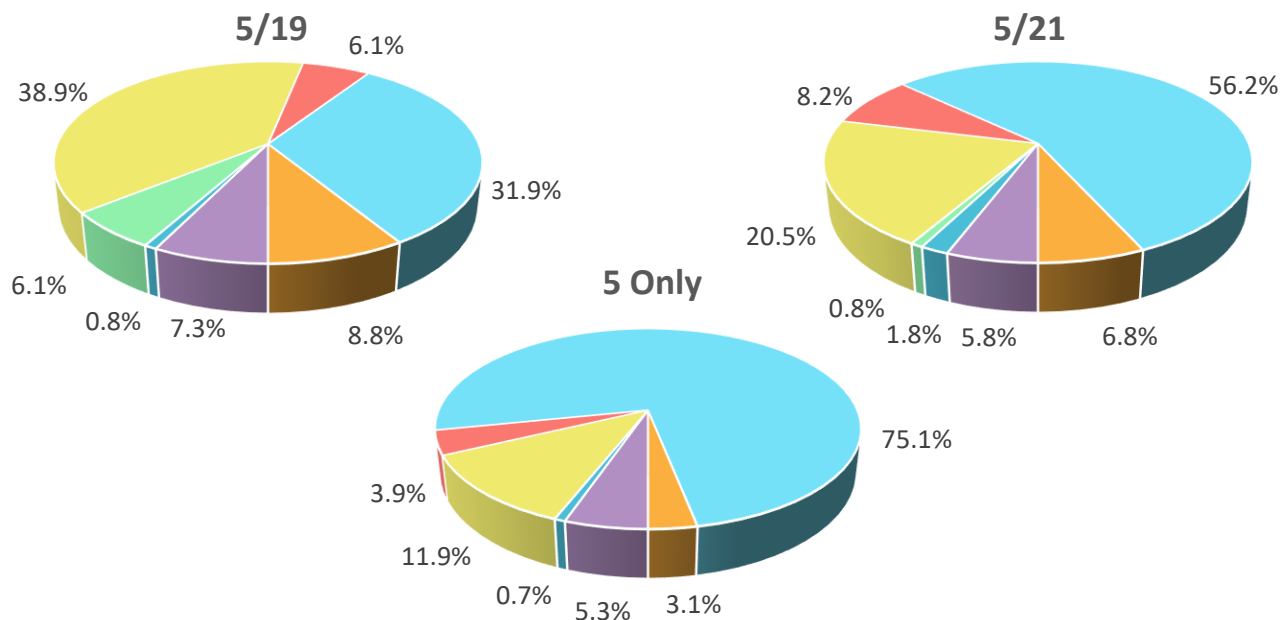
### CSHCS Enrollee Expenditures by Type of Service – FY2020



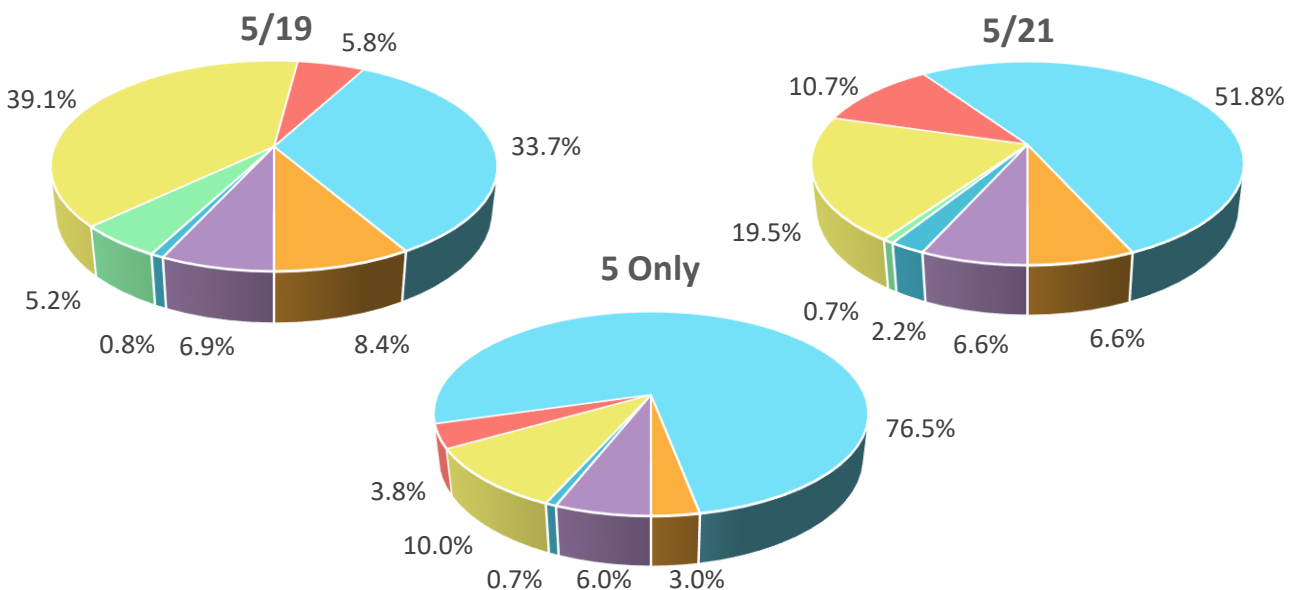
## Type of Service Category



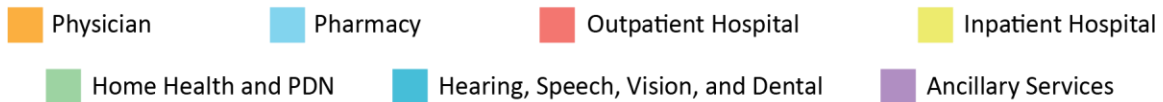
### CSHCS Enrollee Expenditures by Type of Service, Stratified by Coverage Type – FY2015



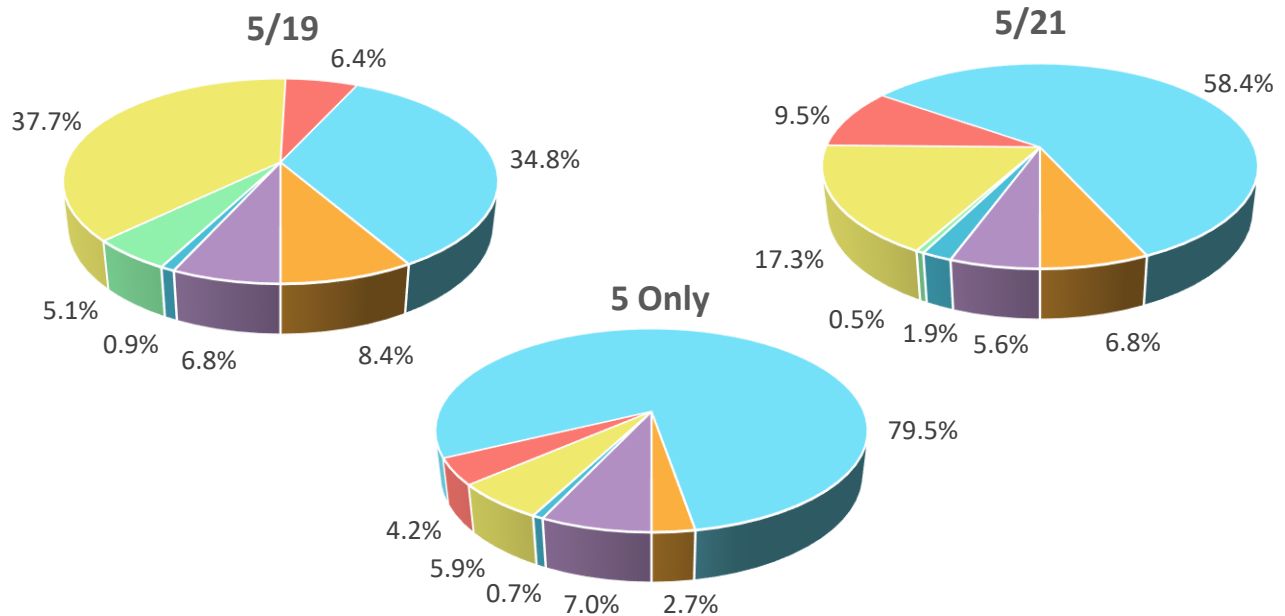
### CSHCS Enrollee Expenditures by Type of Service, Stratified by Coverage Type – FY2016



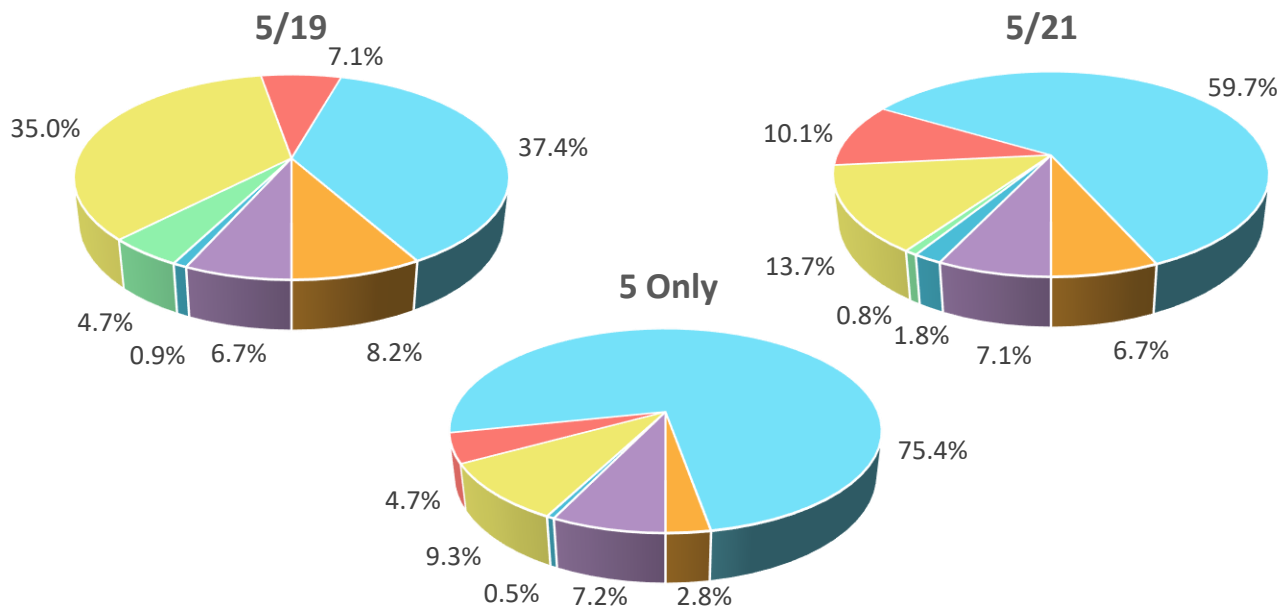
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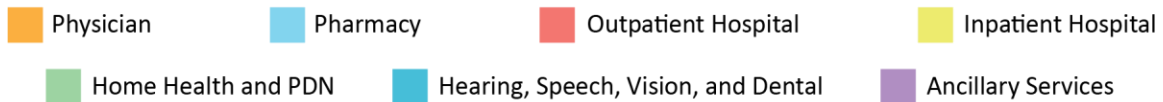
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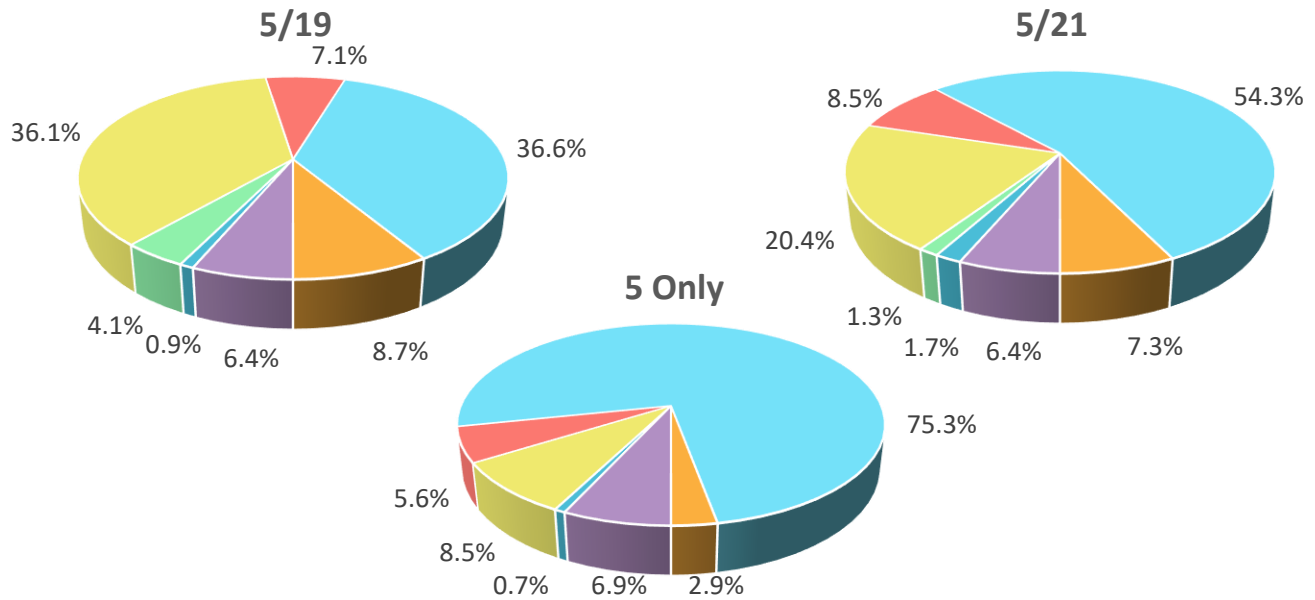
### CSHCS Enrollee Expenditures by Type of Service, Stratified by Coverage Type – FY2018



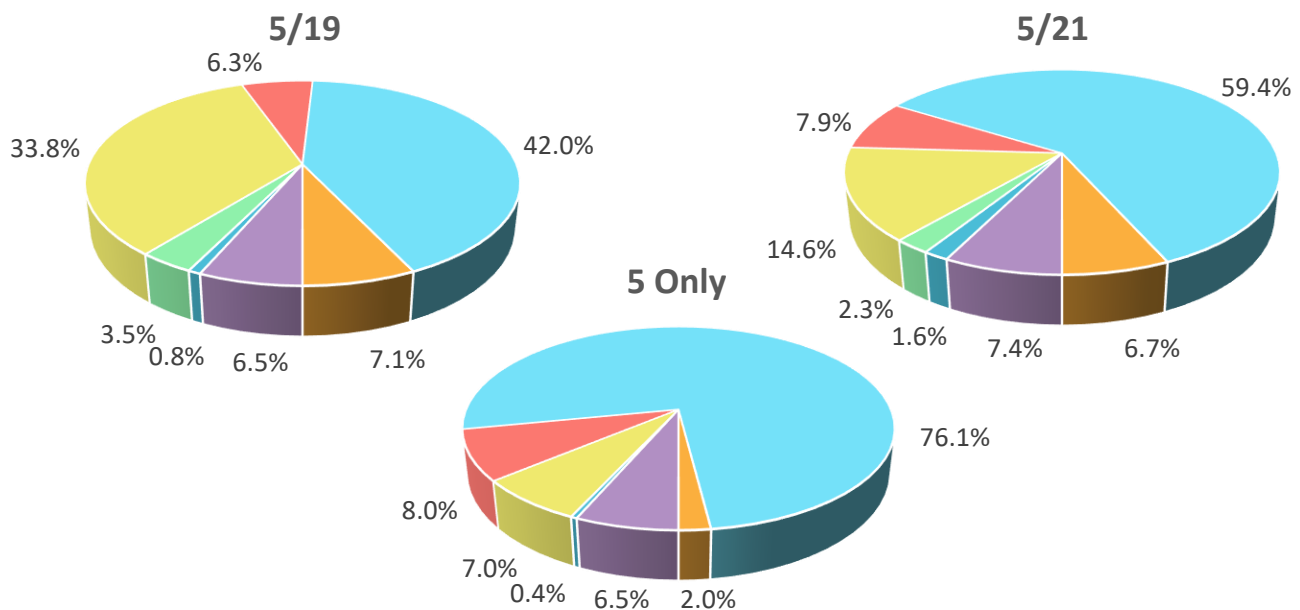
## Type of Service Category



### CSHCS Enrollee Expenditures by Type of Service, Stratified by Coverage Type – FY2019



### CSHCS Enrollee Expenditures by Type of Service, Stratified by Coverage Type – FY2020



## Part II. Enrollment and Expenditure Patterns by Diagnosis Group

CSHCS eligibility is based on being diagnosed with one or more of the program's 2700 qualifying medical conditions. Qualifying conditions are identified with diagnosis codes, which are grouped by body system.

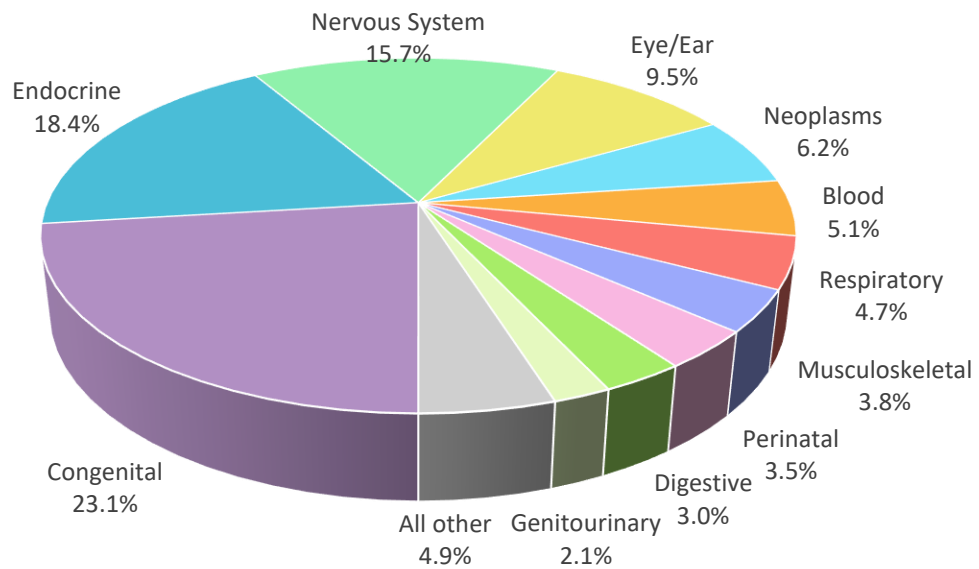
**Primary qualifying condition:** each CSHCS enrollee is assigned to body system group based on the diagnosis code listed first in the individual's CSHCS enrollment record.

**Any qualifying condition:** counts all conditions listed in the individual's CSHCS enrollment record.

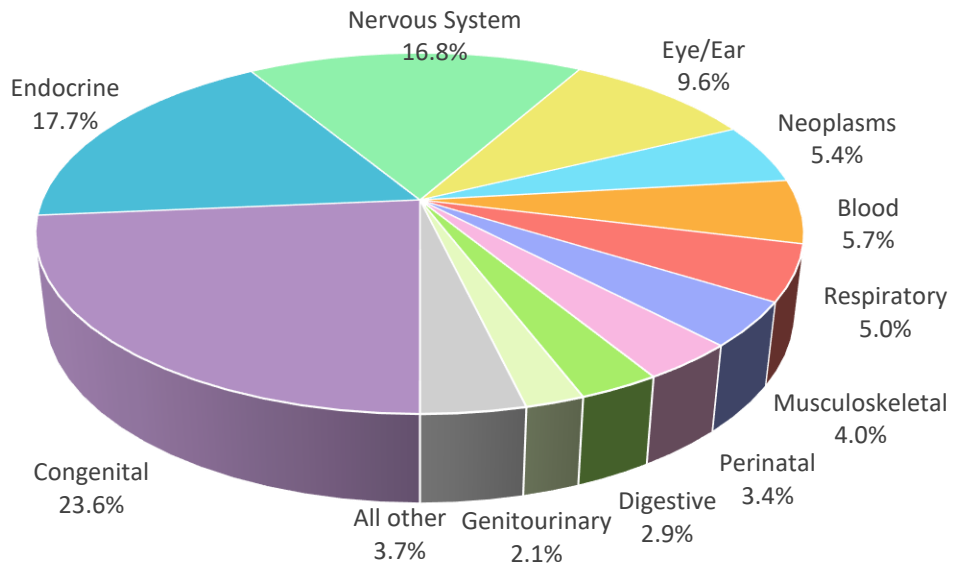
### CSHCS Diagnostic Categories

Congenital malformations, deformations, and chromosomal abnormalities	Congenital
Endocrine, nutritional, and metabolic diseases	Endocrine
Diseases of the nervous system	Nervous
Diseases of the eye and ear	Eye and ear
Diseases of the blood and blood forming organs	Blood
Neoplasms	Neoplasms
Diseases of the respiratory system	Respiratory
Diseases of the musculoskeletal system and connective tissue	Musculoskeletal
Conditions originating in the perinatal period	Perinatal
Diseases of the digestive system	Digestive
Diseases of the genitourinary system	Genitourinary
Diseases of the circulatory system	Circulatory
Injury, poisoning, and other consequences of external causes	Injury
Infectious and parasitic diseases	Infectious
Diseases of skin and subcutaneous tissue	Skin
Symptoms, signs, and abnormal findings, not elsewhere classified	Not elsewhere

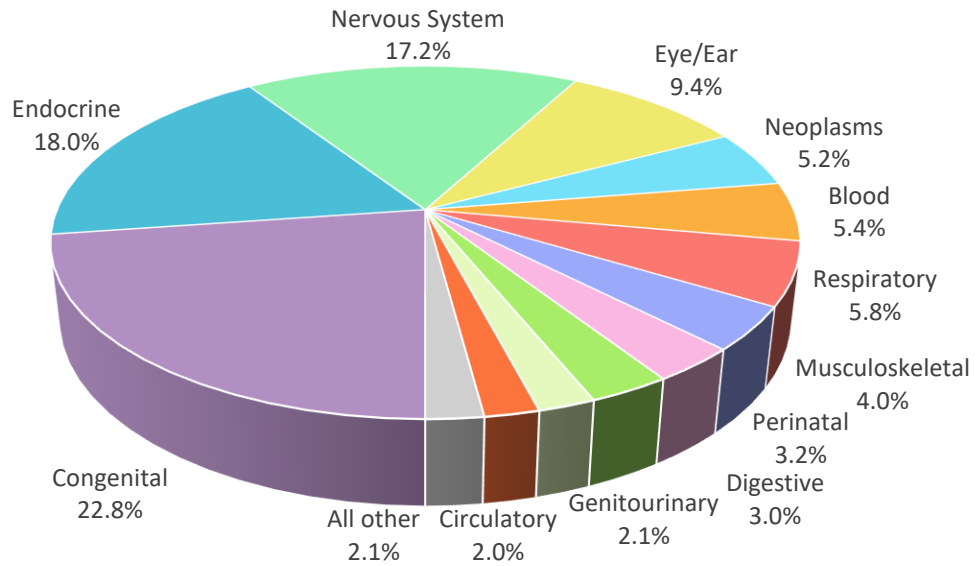
### CSHCS Enrollment by Primary Qualifying Diagnosis – FY2015



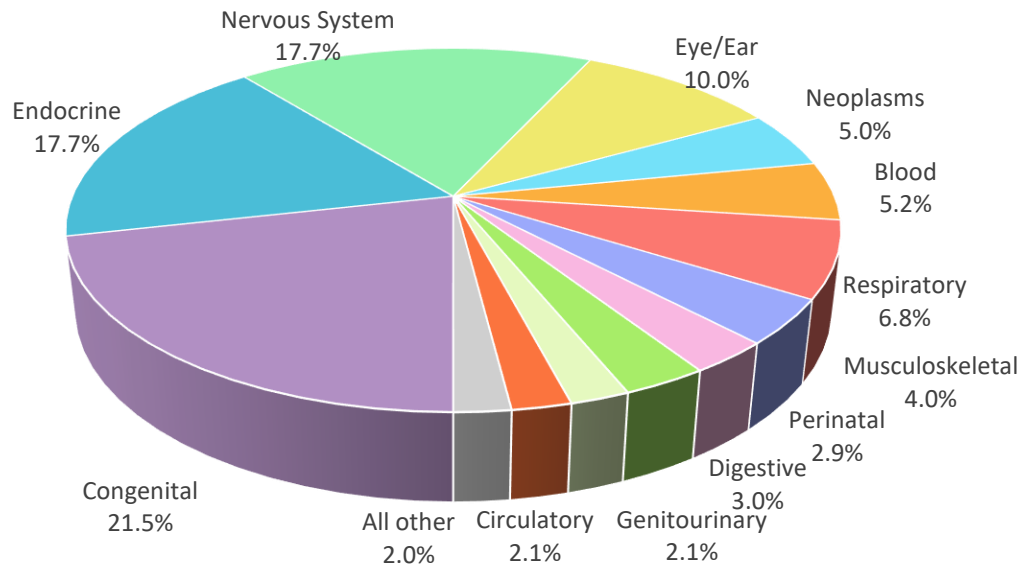
### CSHCS Enrollment by Primary Qualifying Diagnosis – FY2016



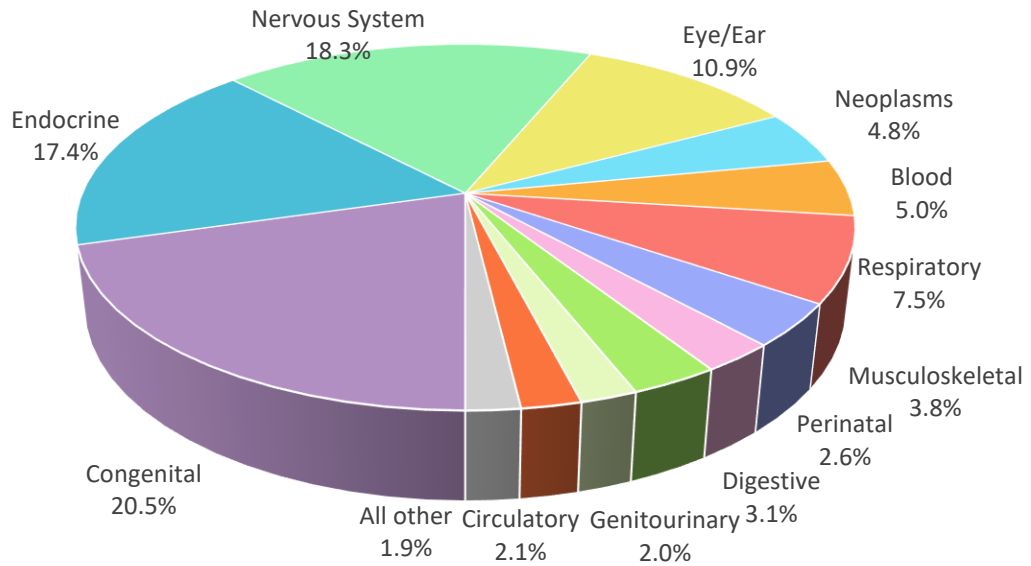
## CSHCS Enrollment by Primary Qualifying Diagnosis – FY2017



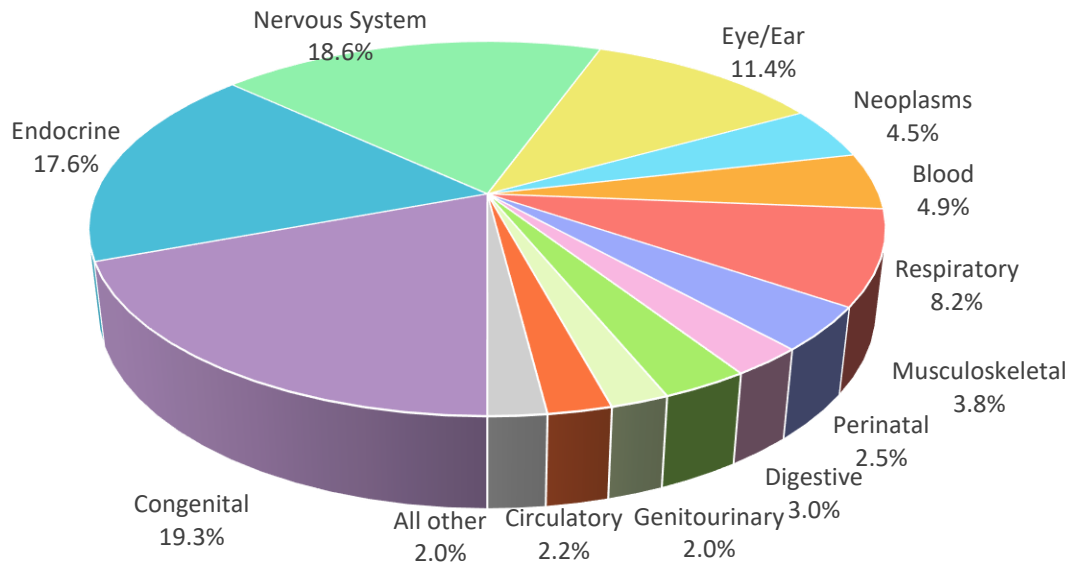
## CSHCS Enrollment by Primary Qualifying Diagnosis – FY2018



## CSHCS Enrollment by Primary Qualifying Diagnosis – FY2019

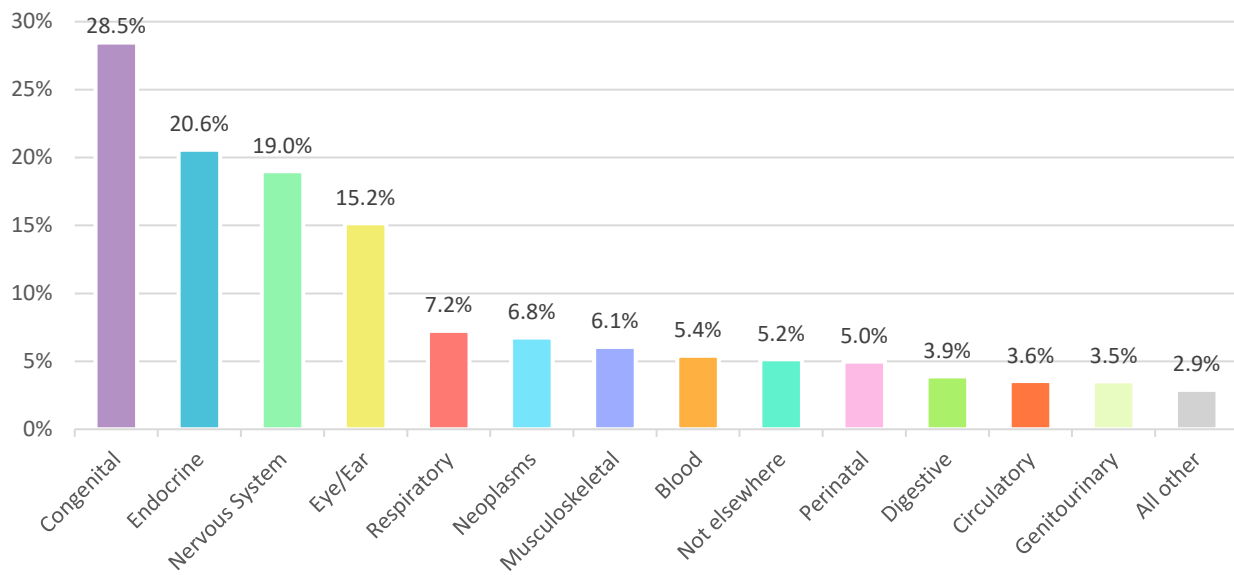


## CSHCS Enrollment by Primary Qualifying Diagnosis – FY2020

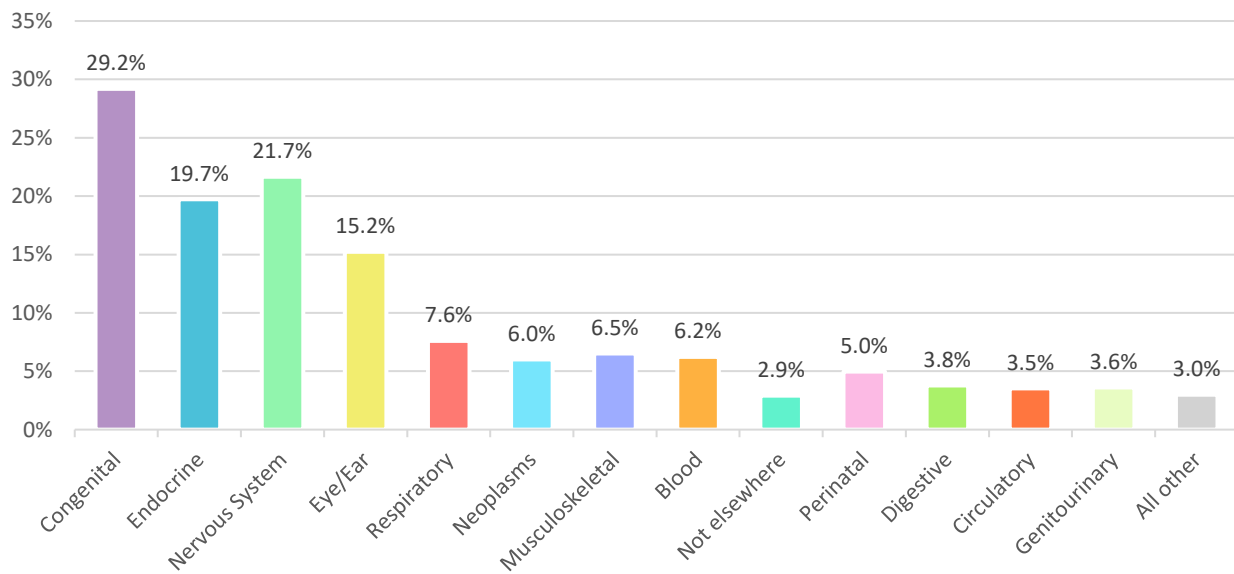




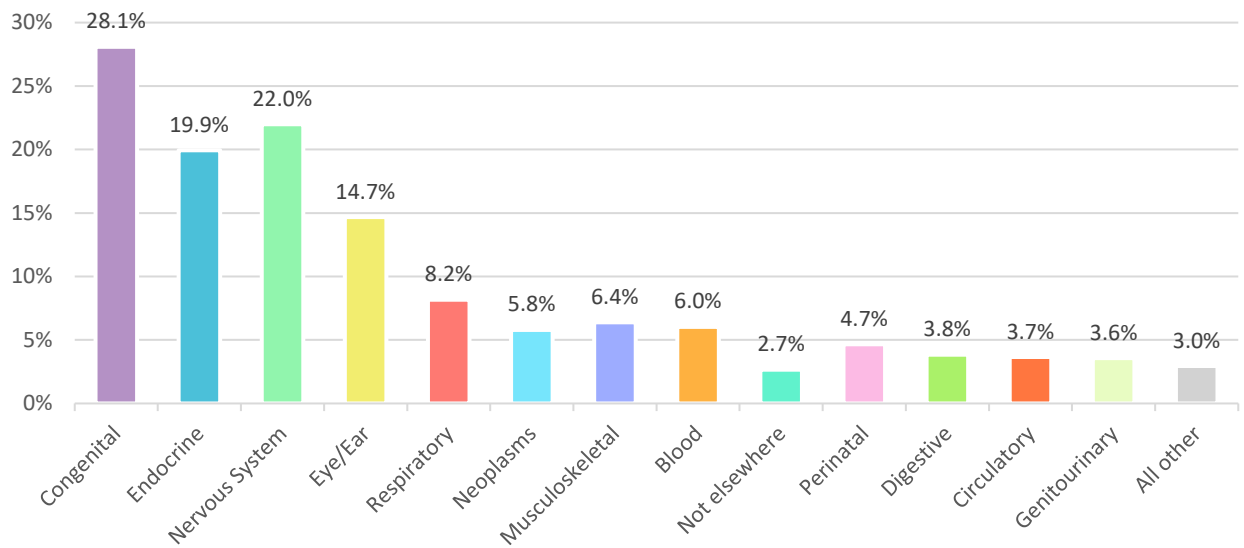
### CSHCS Enrollment by Diagnosis Group (any qualifying diagnosis) – FY2015



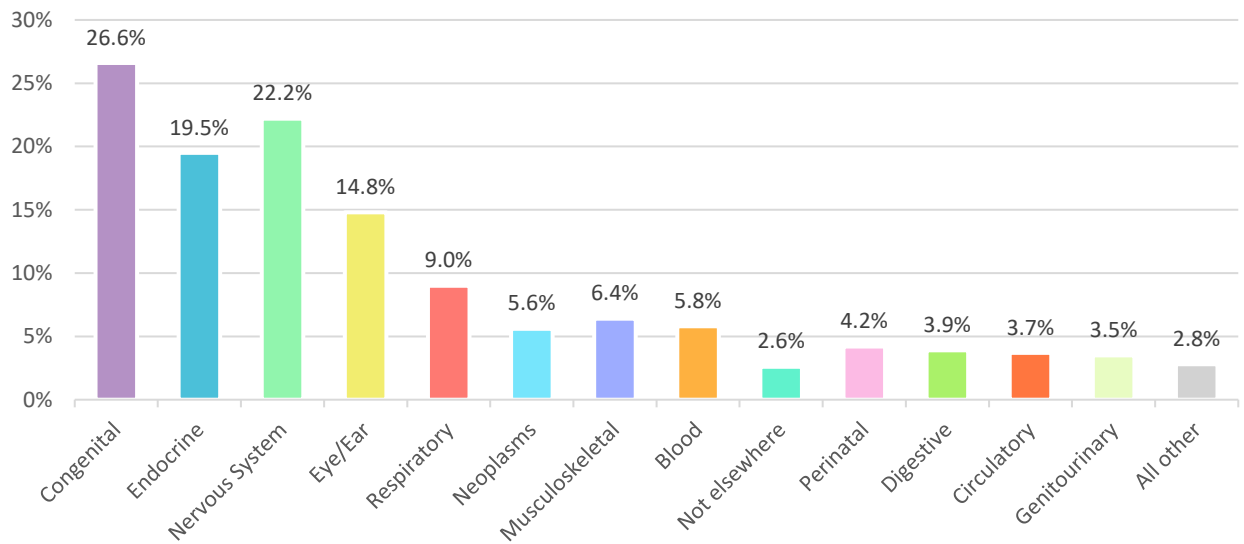
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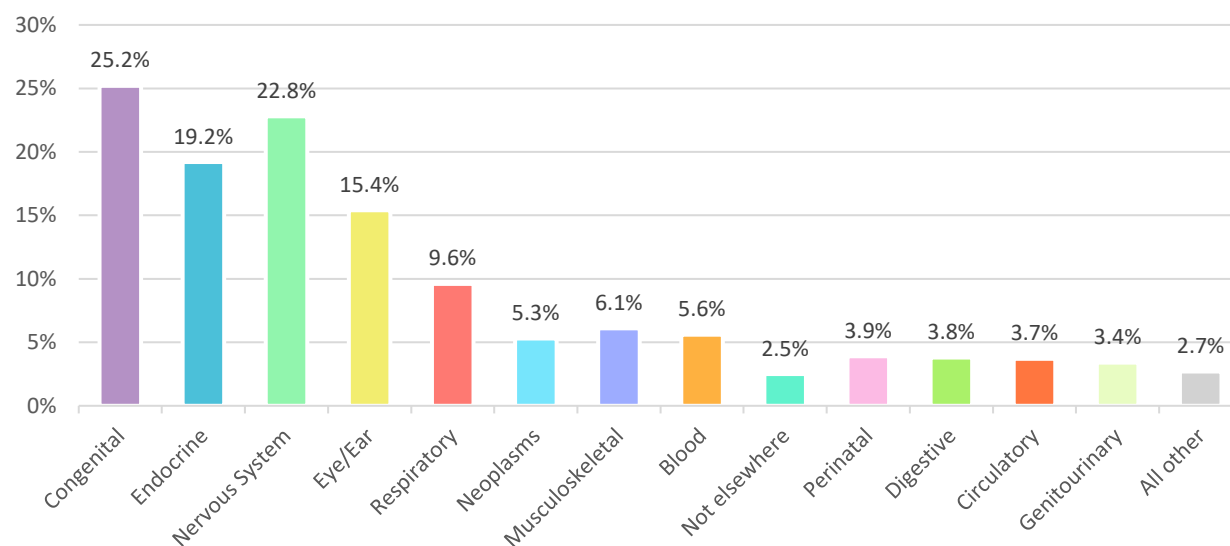
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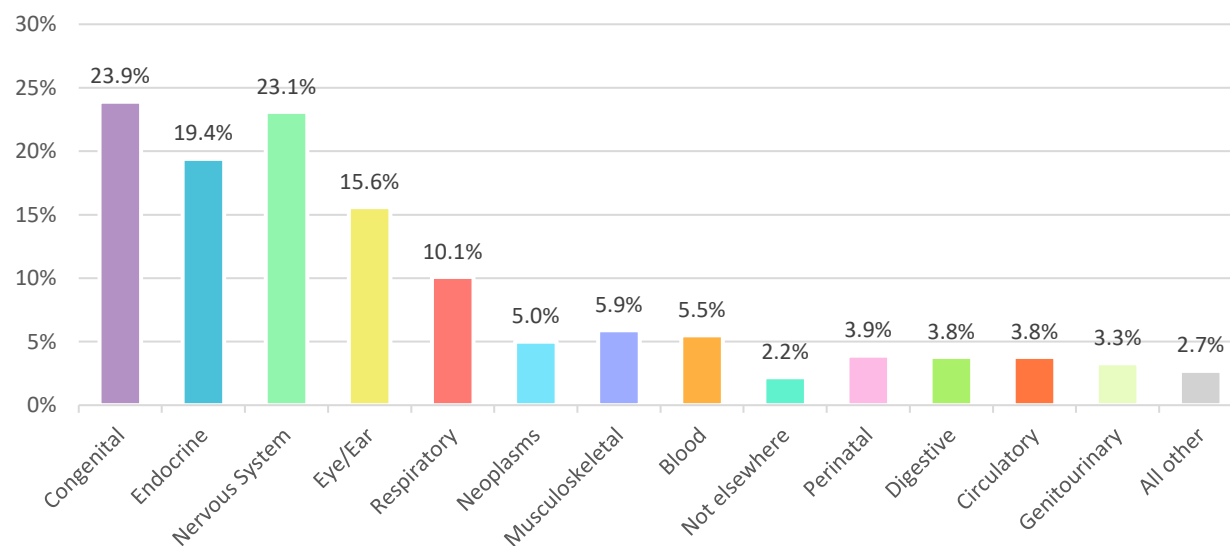
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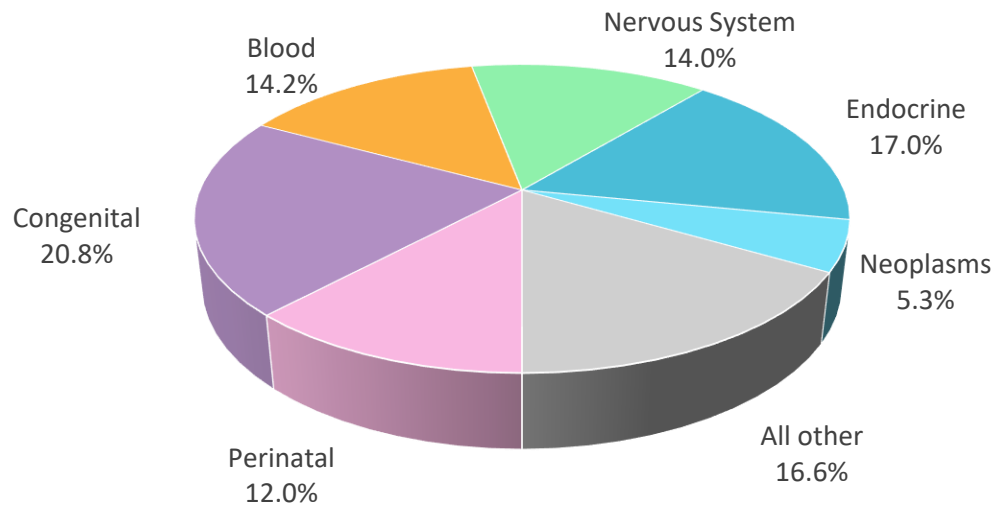
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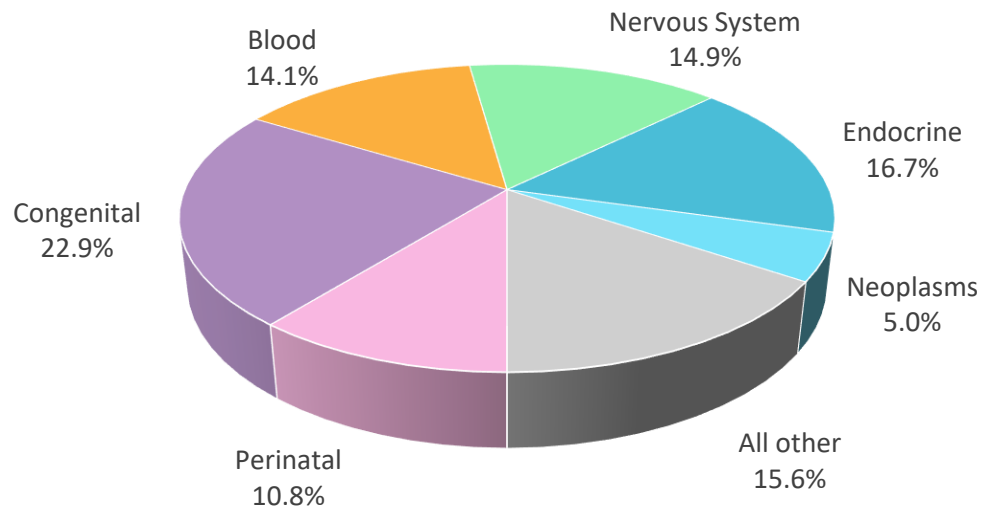
## CSHCS Enrollment by Diagnosis Group (any qualifying diagnosis) – FY2020



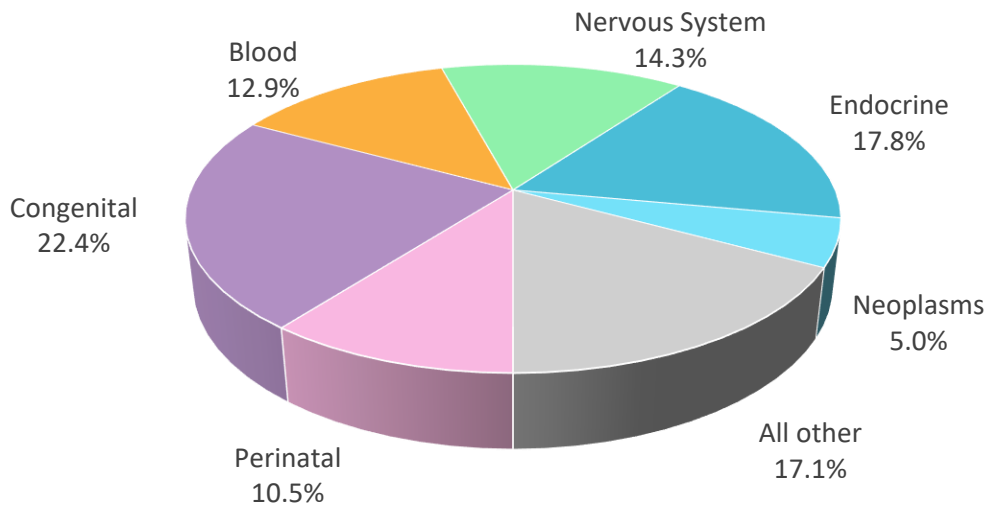
### CSHCS Enrollee Expenditures by Primary Qualifying Diagnosis Group – FY2015



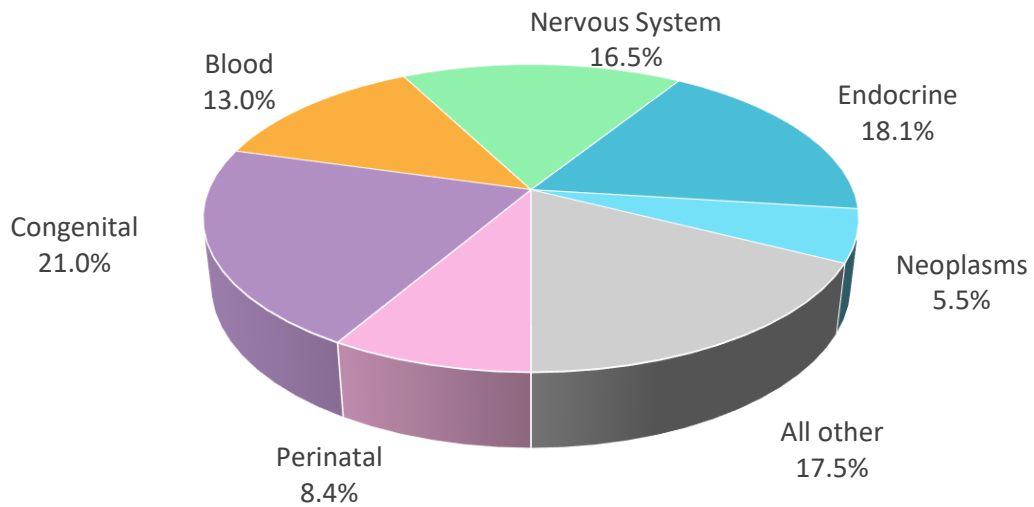
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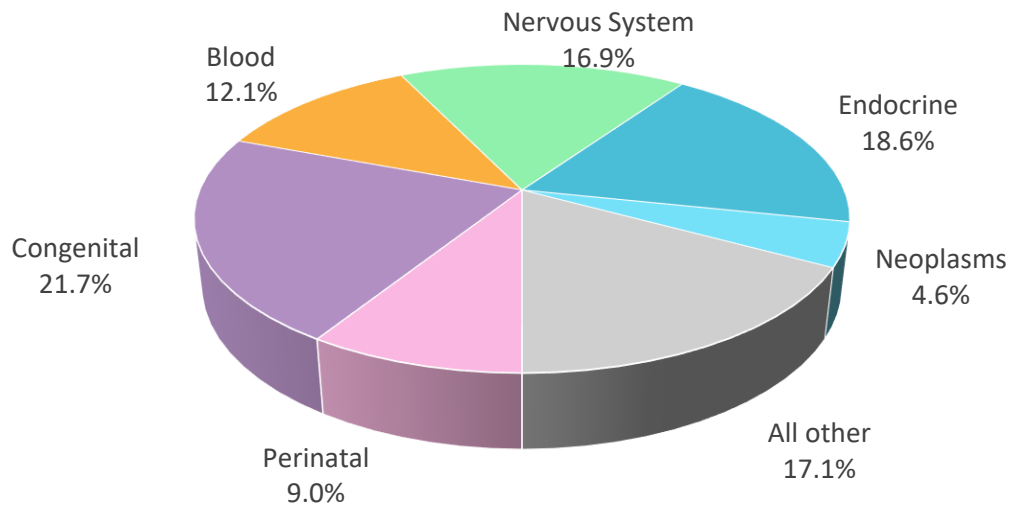
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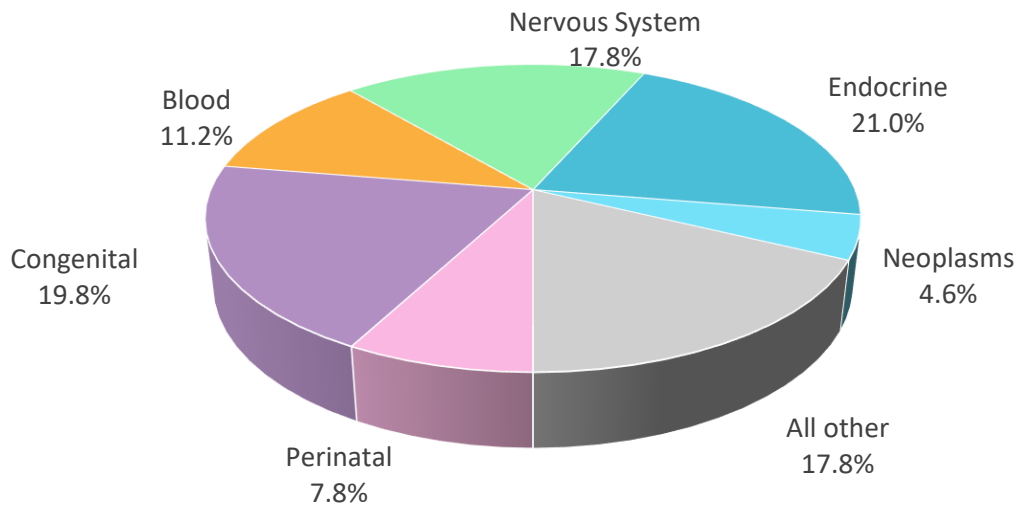
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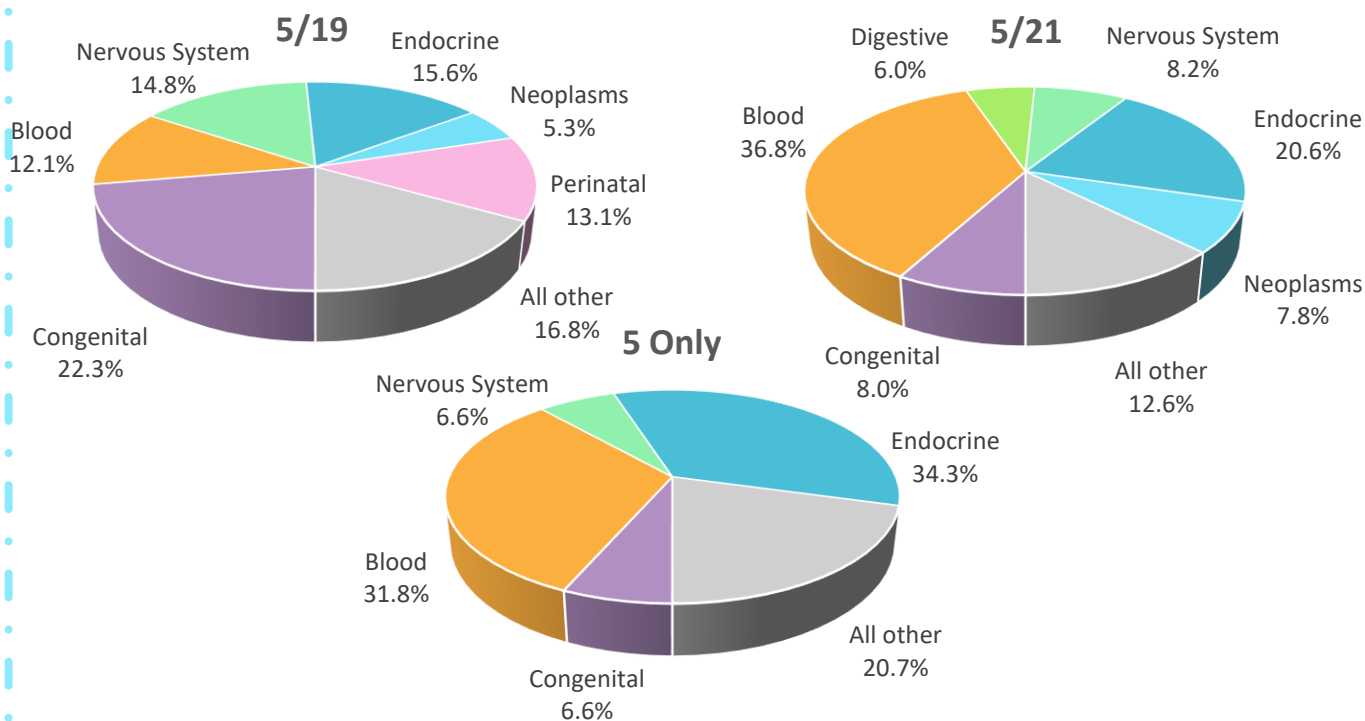
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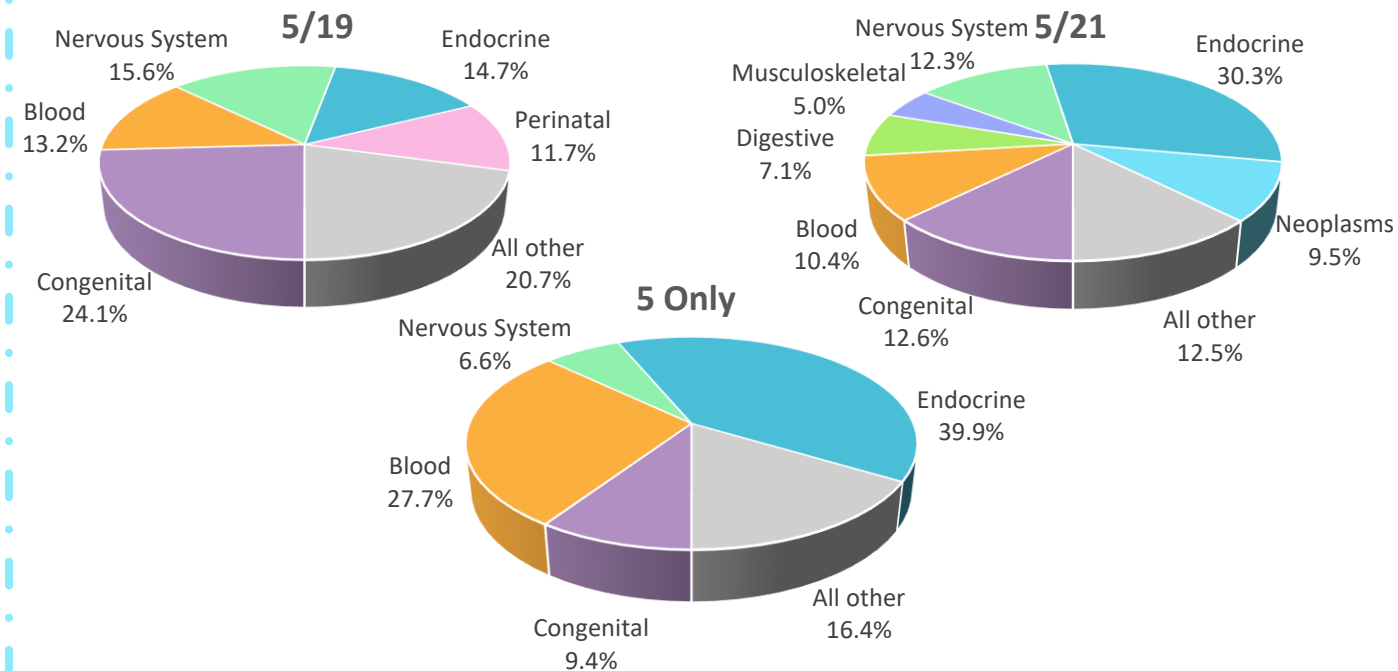
### CSHCS Enrollee Expenditures by Primary Qualifying Diagnosis Group – FY2020



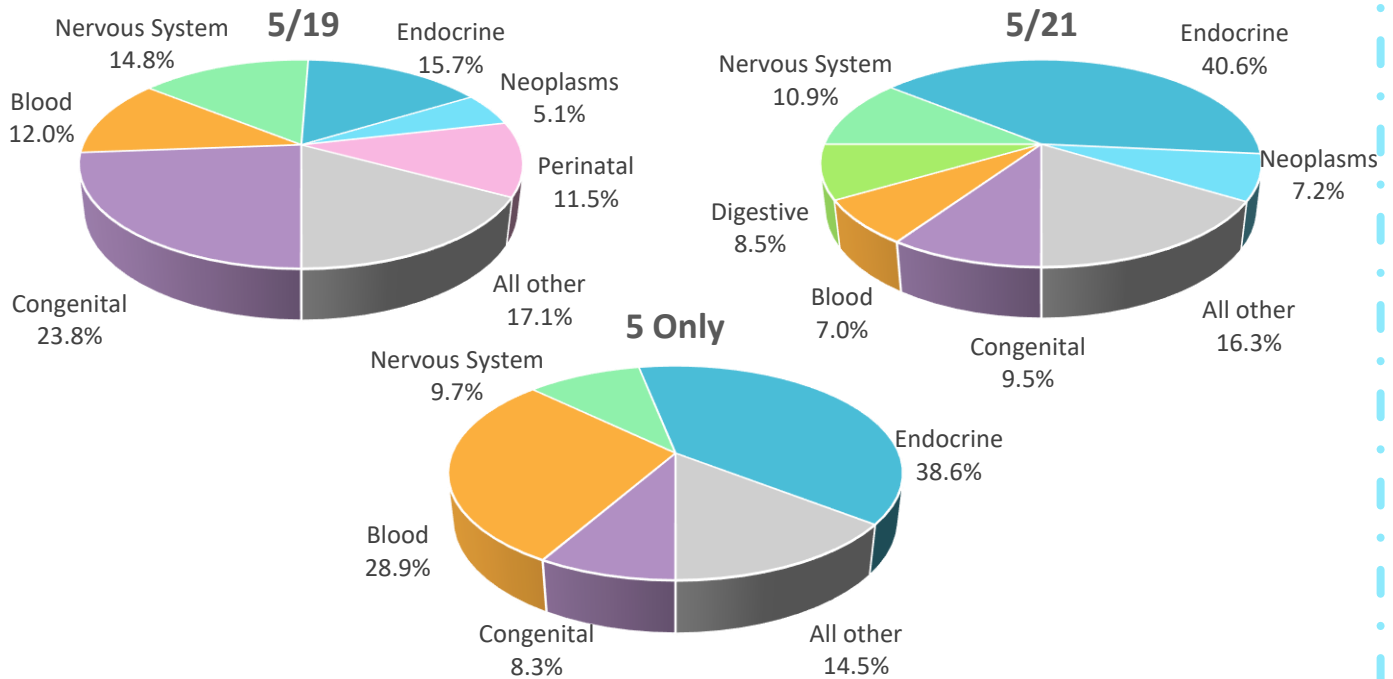
### CSHCS Enrollee Expenditures by Primary Qualifying Diagnosis, Stratified by Coverage Type – FY2015



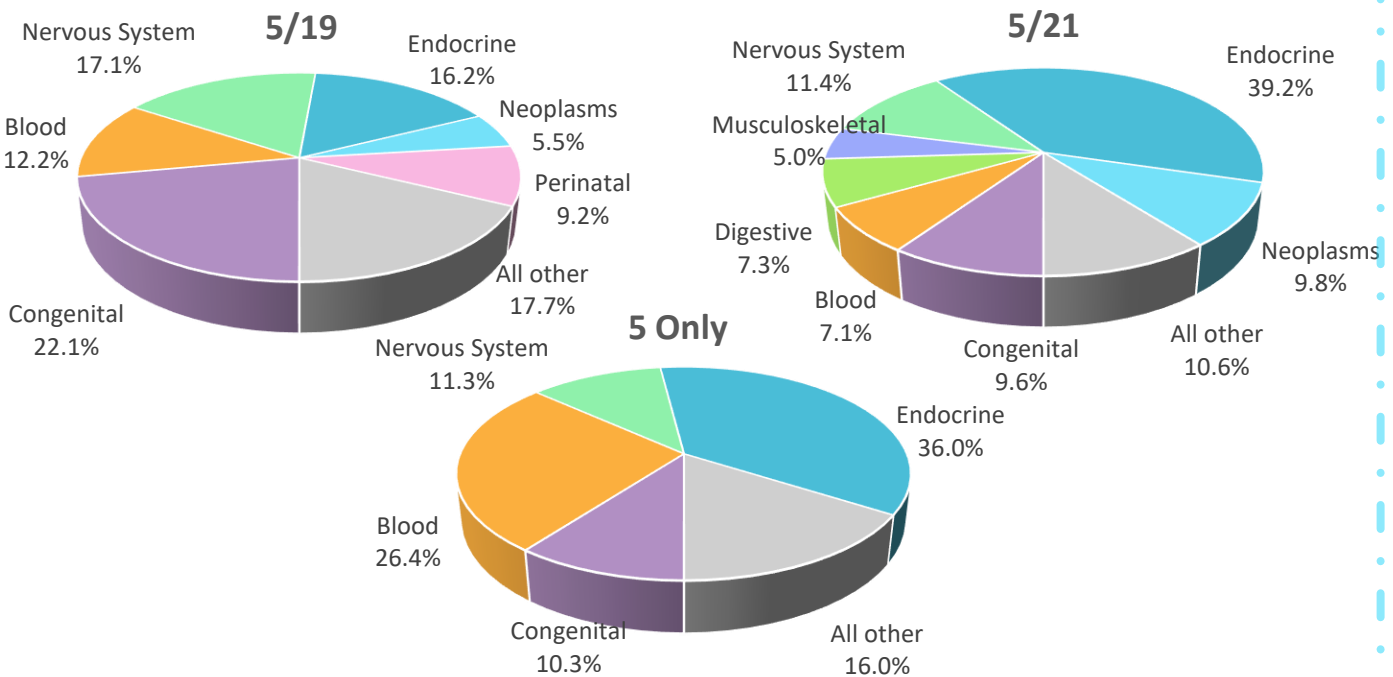
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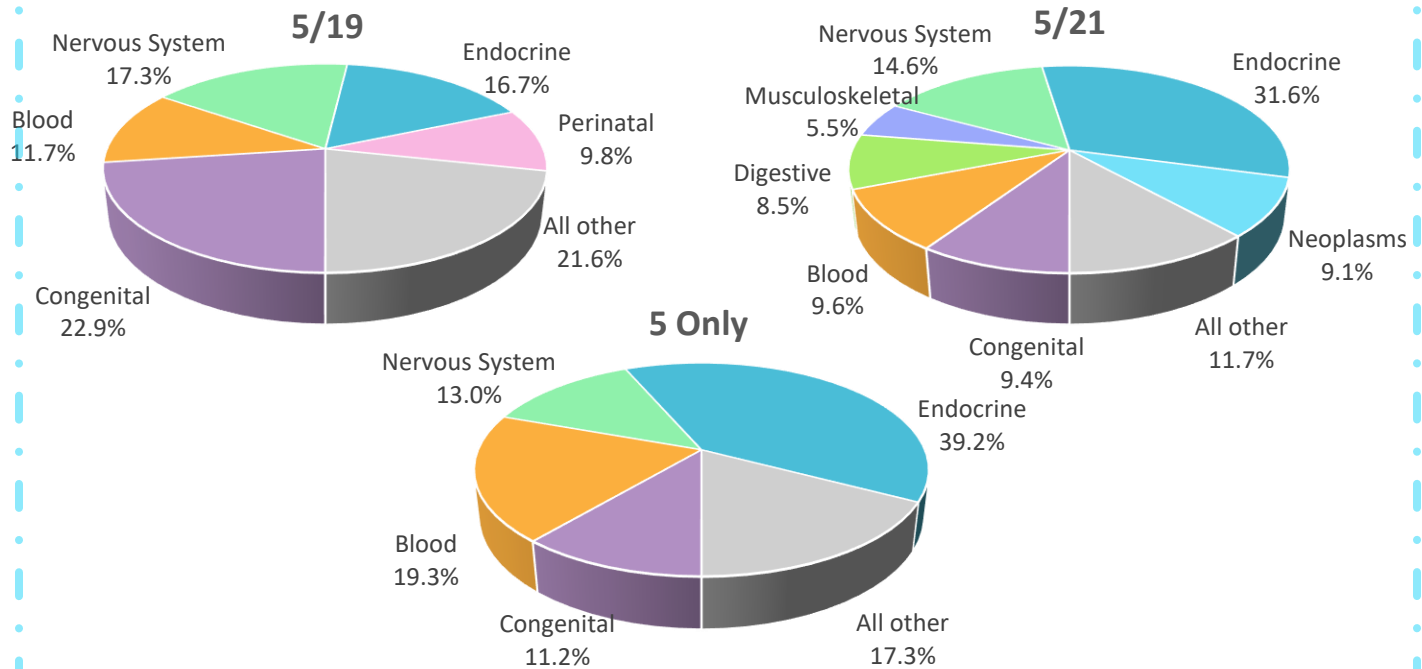


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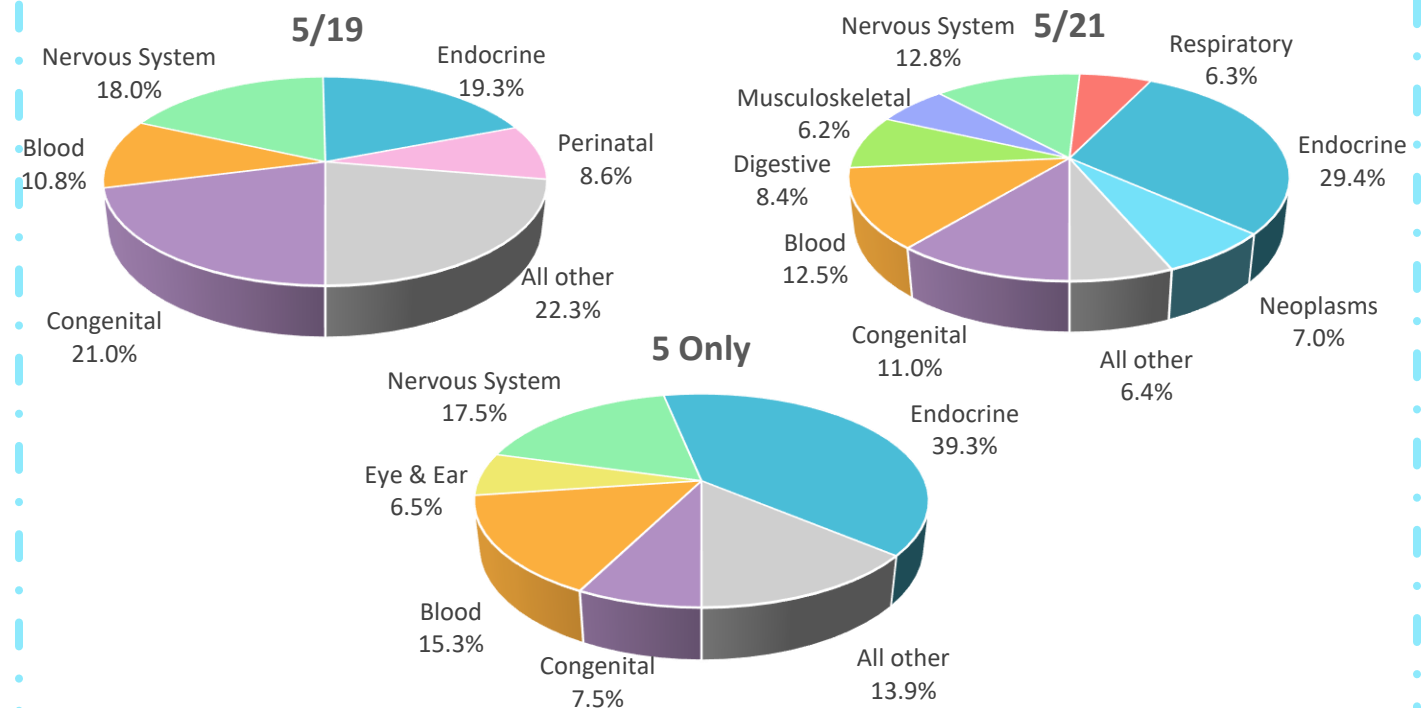




### CSHCS Enrollee Expenditures by Primary Qualifying Diagnosis, Stratified by Coverage Type – FY2019



### CSHCS Enrollee Expenditures by Primary Qualifying Diagnosis, Stratified by Coverage Type – FY2020





Data analysis was performed by the University of Michigan's  
Child Health Evaluation and Research (CHEAR) Center.



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