

The State of Delaware

Site of Care Utilization Analysis

Subcommittee Meeting

September 16, 2024

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Background

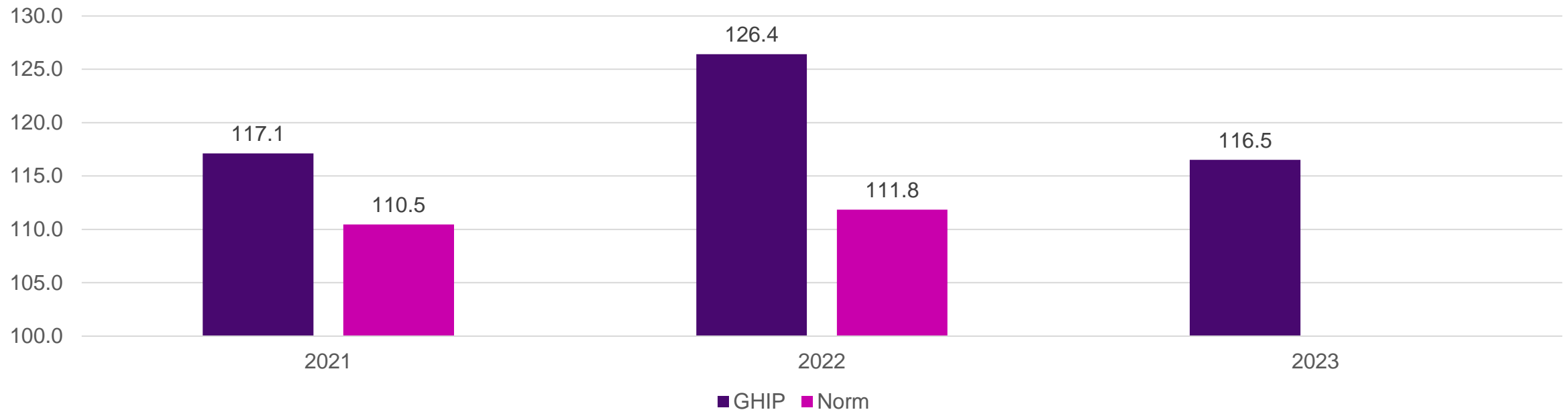
- In June of 2024, WTW presented cost and utilization metrics by sites of care from the Merative data warehouse
- As a result of this presentation, the Subcommittee requested additional benchmarking data on these metrics
 - Benchmark data (“norm”) was provided by Merative for utilization of various services
 - Additional benchmark data was collected from the Delaware CostAware website for comparison with GHIP-specific costs for a selection of healthcare services that are reflected on the CostAware website
- While GHIP was below the norm in utilization of all labs and MRIs performed at an outpatient hospital, the GHIP was above the norm in all other utilization areas, including avoidable emergency room visits and other imaging

Avoidable emergency room visits

Visits to Emergency Rooms, Urgent Care Centers and Primary Care Providers for Non-Emergent and Primary Care Treatable Conditions

- GHIP emergency room visits were 6% and 13% higher than the norm in 2021 and 2022, respectively
- Benchmark data for 2023 from Merative is not yet available

Avoidable ER Visits (per 1,000 members)

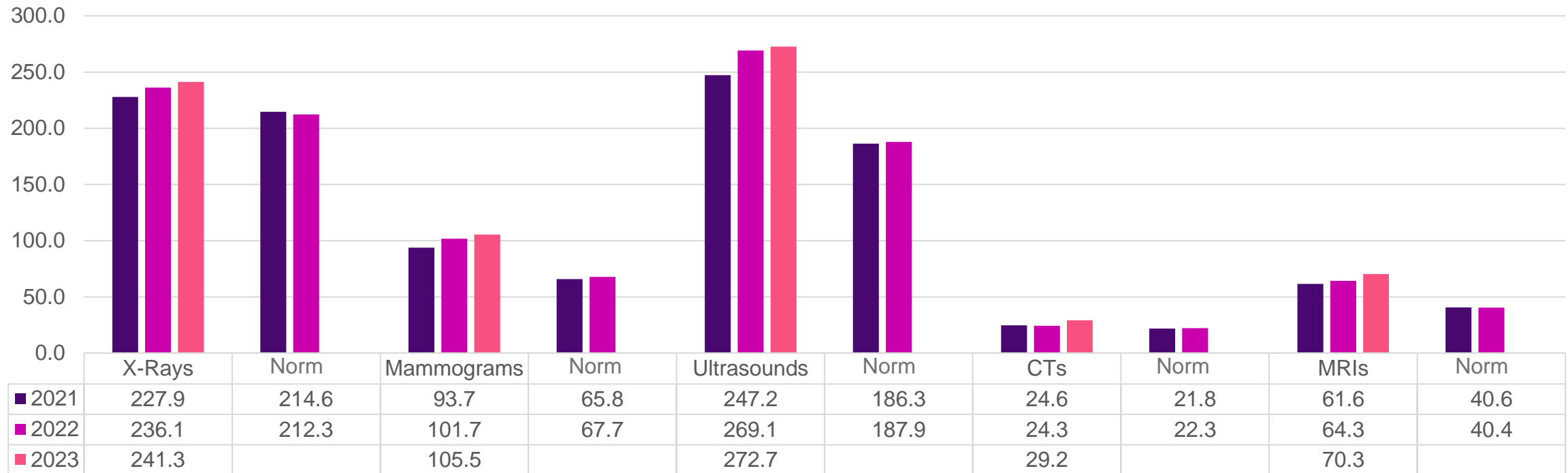


Source: Merative; includes active employees, early retirees and their families

Imaging services at freestanding facilities

- GHIP services were above the norm in all areas during 2021 and 2022
- In 2022, service utilization for mammograms (50%), ultrasounds (43%), and MRIs (59%) were significantly above the norm

Imaging Services at Freestanding Facilities (per 1,000 members)



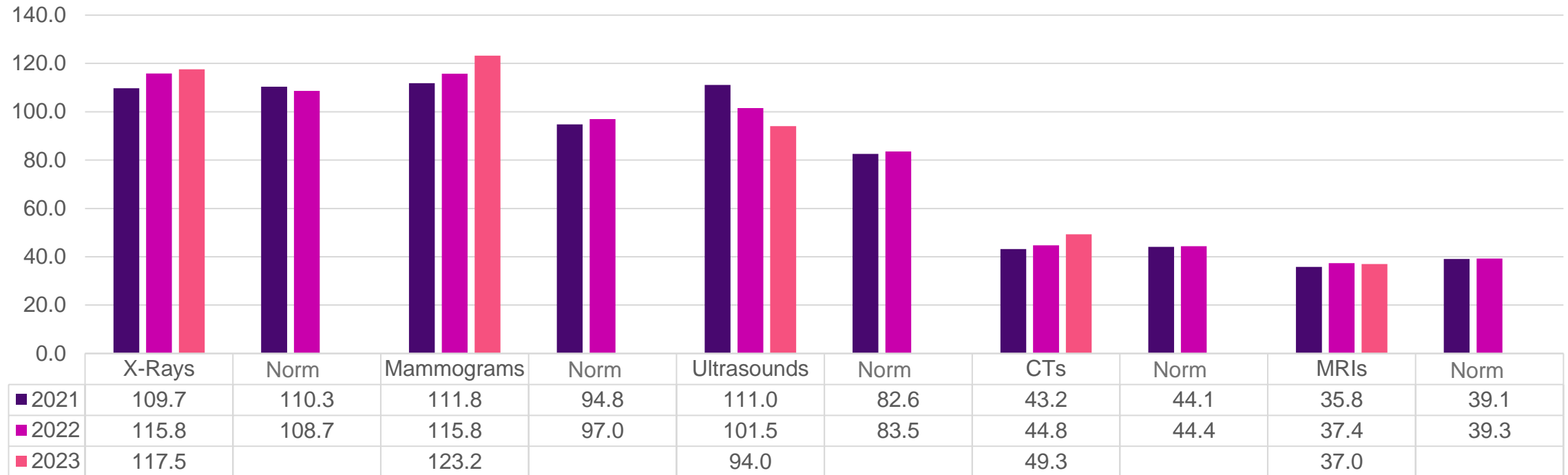
■ 2021 ■ 2022 ■ 2023

Source: Merative; includes active employees, early retirees and their families

Imaging services in outpatient hospitals

- GHIP services were above the norm in all areas in 2021 and 2022, with the exception of MRIs
- X-rays and CTs were also below the norm during 2021
- In 2022, service utilization for mammograms (19%) and ultrasounds (22%) were significantly above the norm

Imaging Services in Outpatient Hospitals (per 1,000 members)



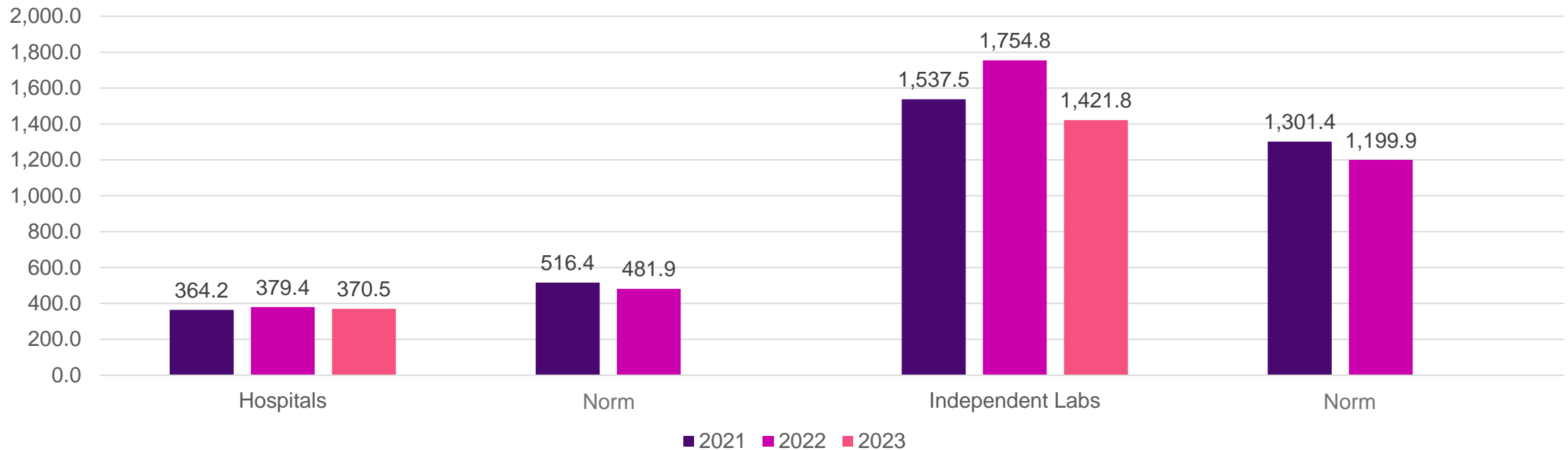
■ 2021 ■ 2022 ■ 2023

Source: Merative; includes active employees, early retirees and their families

Lab services

- GHIP services were below the norm in both hospitals and independent labs during 2021 and 2022

Lab Services (per 1,000 members)



Source: Merative; includes active employees, early retirees and their families

Delaware CostAware

Emergency room visit costs

GHIP claims experience (fiscal year)

ER Visits (Procedure codes 99281-99285)

Active employees, early retirees and their families

ER Visits	Visits	Allowed per Visit
FY21 (Jul 2020 – Jun 2021)	21,195	\$1,035
FY22 (Jul 2021 – Jun 2022)	24,382	\$1,030
FY23 (Jul 2022 – Jun 2023)	26,215	\$1,110
FY24 (Jul 2023 – Jun 2024)	25,672	\$1,212

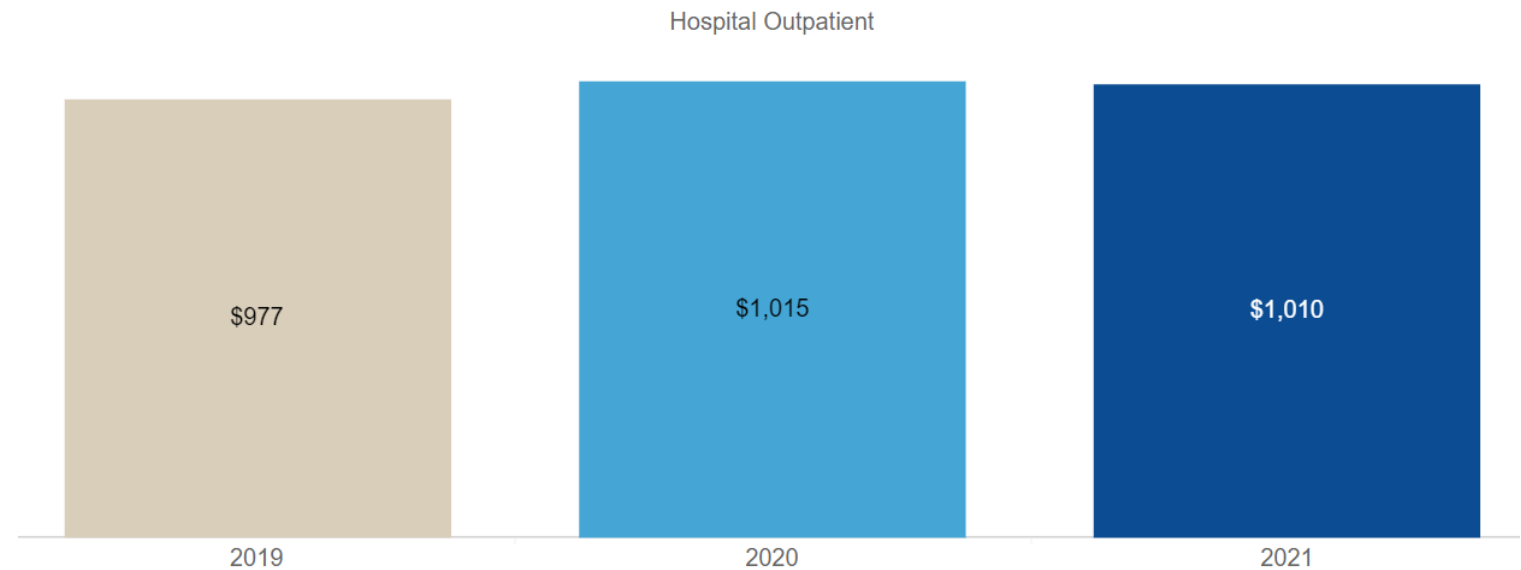
GHIP average cost for ER visits were greater than those visits in the benchmark data from CostAware.

Source: Merative; includes active employees, early retirees and their families

Delaware CostAware (calendar year)

ED Visit costs (procedure codes 99281-99285)

Commercial insurance, all ages, all genders



Based on the above data, the estimated 2023 average cost per visit is approximately \$1,134 (assuming 6% annual medical trend).

Mammography

GHIP claims experience (fiscal year)

Mammography
(all outpatient settings; CPT code 77067 only)

Active employees, early retirees and their families

Mammography	Avg Allowed Amt/Visit	
	Hospital, OP	Office
FY21 (Jul 2020 – Jun 2021)	\$255	\$161
FY22 (Jul 2021 – Jun 2022)	\$264	\$169
FY23 (Jul 2022 – Jun 2023)	\$263	\$168
FY24 (Jul 2023 – Jun 2024)	\$273	\$162

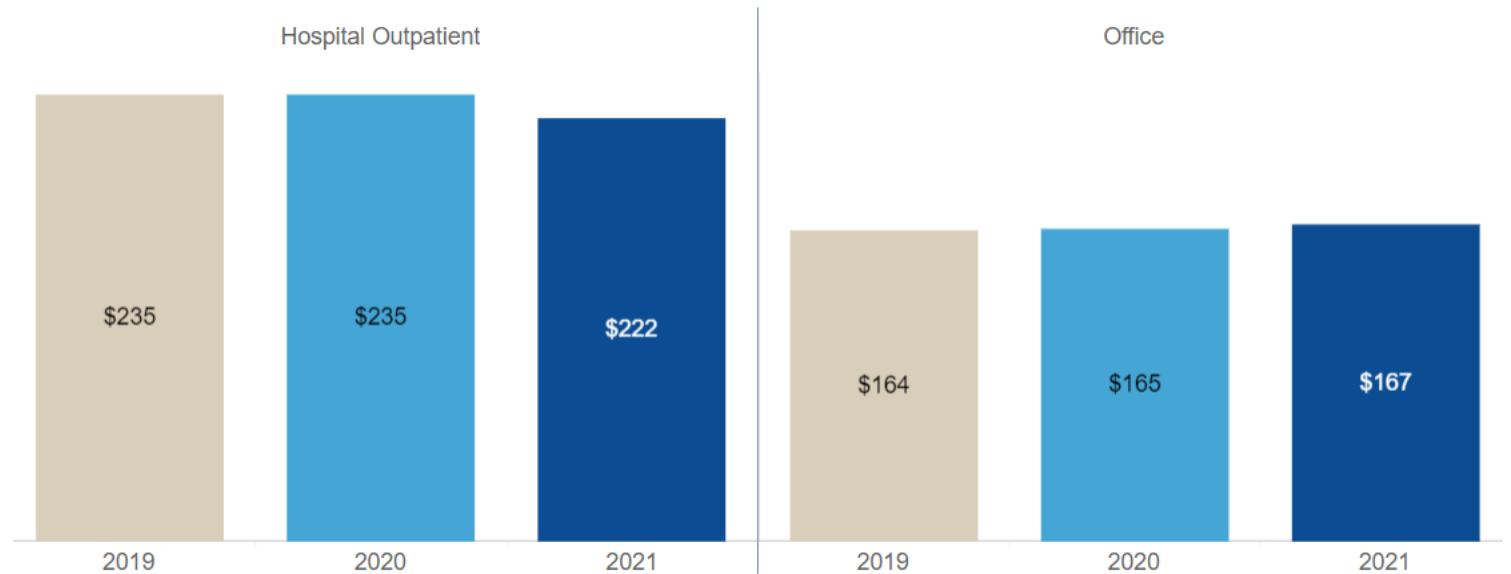
GHIP average allowed amount per visit for mammograms in the outpatient hospital setting were greater than the benchmark data from CostAware, while those in the office setting were slightly below average.

Source: Merative; includes active employees, early retirees and their families

Delaware CostAware (calendar year)

Screening Mammography (all outpatient settings; CPT code 77067 only)

Commercial insurance, all ages, all genders



Based on the above data, the estimated 2023 average cost per screening mammogram is approximately \$249 at an outpatient hospital setting and \$188 in an office setting (assuming 6% annual medical trend).

CT Scans

GHIP claims experience (fiscal year)

CT Scans
(CPT codes 70450, 70470)

Active employees, early retirees and their families

CT Scans	Avg Allowed Amt/Visit	
	Hospital, OP	Office
FY21 (Jul 2020 – Jun 2021)	\$599	\$166
FY22 (Jul 2021 – Jun 2022)	\$675	\$172
FY23 (Jul 2022 – Jun 2023)	\$678	\$147
FY24 (Jul 2023 – Jun 2024)	\$687	\$146

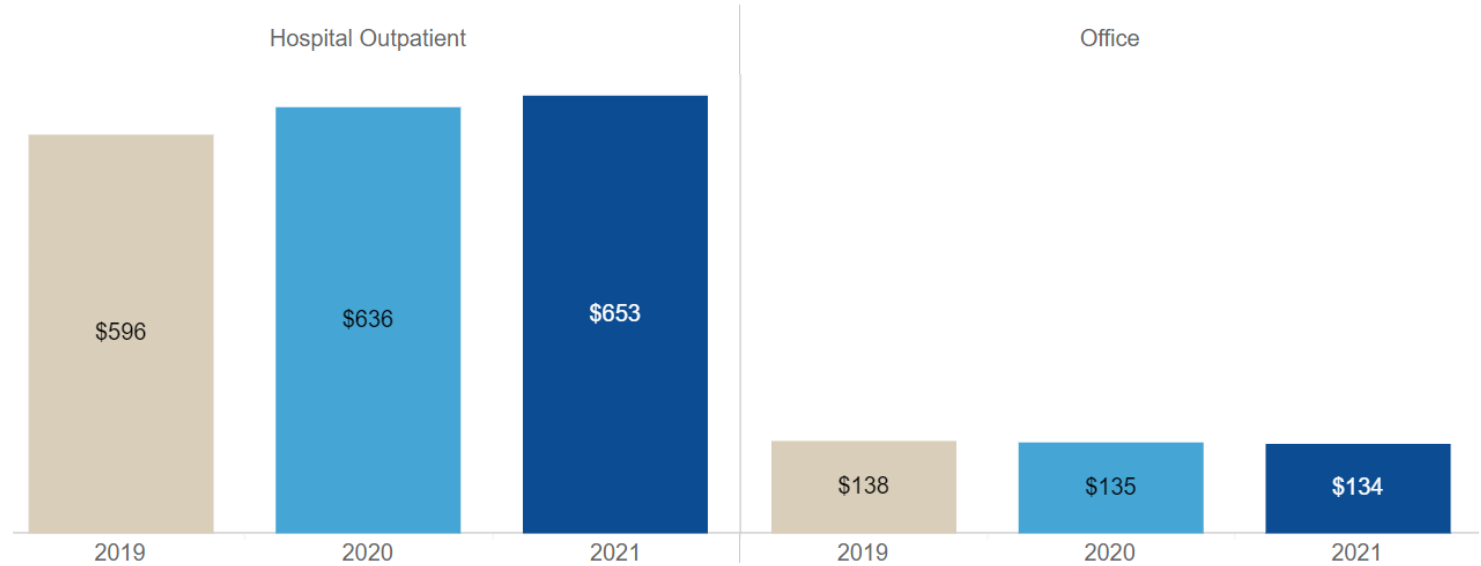
GHIP average cost for CT scans performed in an outpatient hospital setting in 2021 were less than the benchmark data from CostAware. However, CT scans performed in an office setting were on average greater than those in CostAware.

Source: Merative; includes active employees, early retirees and their families

Delaware CostAware (calendar year)

Head CT w/ and w/o contrast
(CPT codes 70450, 70470)

Commercial insurance, all ages, all genders



Based on the above data, the estimated 2023 average cost per visit is approximately \$734 (assuming 6% annual medical trend).

Lumbar spine MRI

GHIP claims experience (fiscal year)

MRIs

(all outpatient settings; 72148, 72158)

Active employees, early retirees and their families

Lumbar Spine MRI	Avg Allowed Amt/Visit	
	Hospital, OP	Office
FY21 (Jul 2020 – Jun 2021)	\$872	\$317
FY22 (Jul 2021 – Jun 2022)	\$943	\$318
FY23 (Jul 2022 – Jun 2023)	\$902	\$310
FY24 (Jul 2023 – Jun 2024)	\$845	\$310

GHIP average cost for MRIs annually was greater than the benchmark data from CostAware in both the outpatient hospital and the office settings.

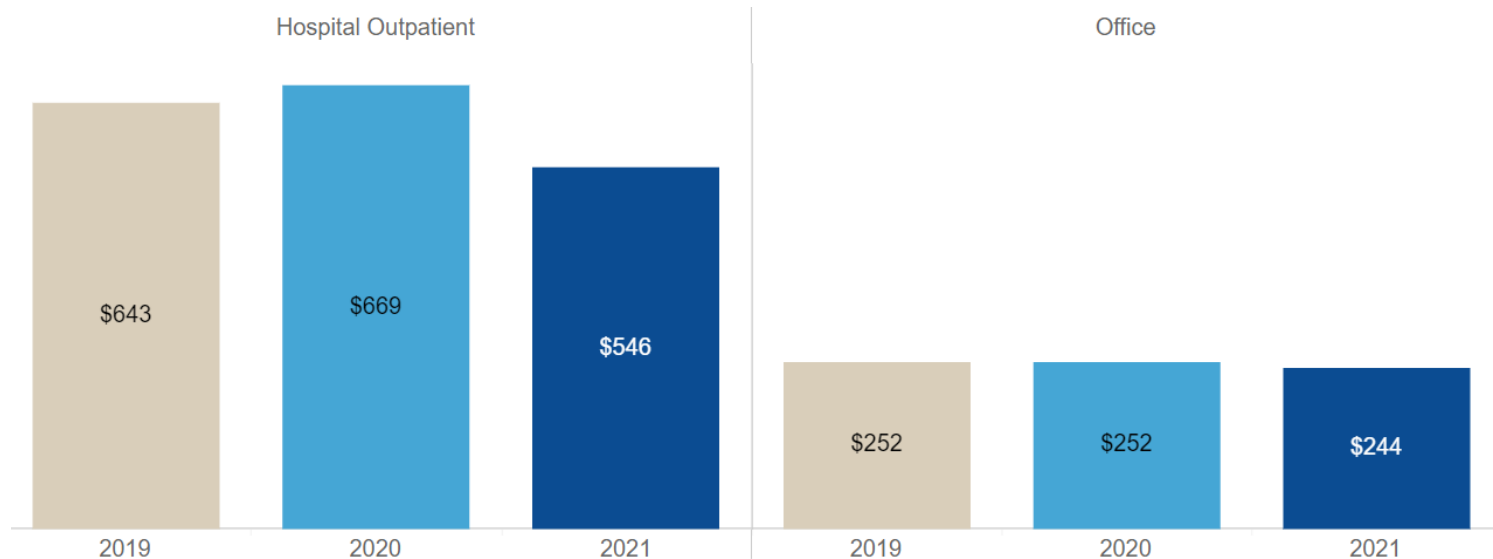
Source: Merative; includes active employees, early retirees and their families

Delaware CostAware (calendar year)

Lumbar Spine MRI w/ and w/o contrast

(all outpatient settings; CPT codes 72148, 72158)

Commercial insurance, all ages, all genders



Based on the above data, the estimated 2023 average cost per visit is approximately \$613 (assuming 6% annual medical trend).

Lab services

GHIP claims experience (fiscal year)

All labs (all outpatient settings; 83036, 83037, 85025)

Active employees, early retirees and their families

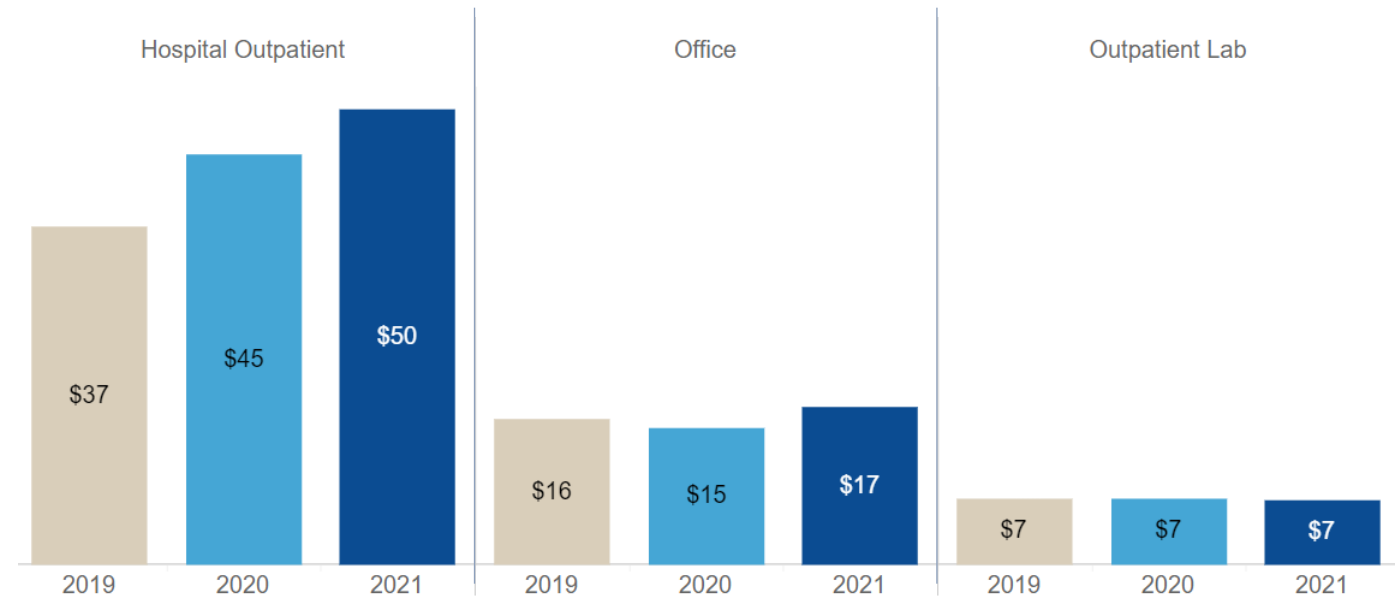
Lab Services	Avg Allowed Amt/Visit		
	Hospital OP	Office	OP Lab
FY21 (Jul 2020 – Jun 2021)	\$38	\$15	\$8
FY22 (Jul 2021 – Jun 2022)	\$43	\$16	\$9
FY23 (Jul 2022 – Jun 2023)	\$44	\$17	\$9
FY24 (Jul 2023 – Jun 2024)	\$43	\$17	\$9

GHIP average allowed amount per visit for labs performed in the outpatient hospital and office settings was less than the benchmark data from CostAware. Average allowed amount per visit for outpatient labs was greater than the benchmark.

Delaware CostAware (calendar year)

Blood [Drawn] Labs (outpatient hospital setting; CPT codes 83036, 83037, 85025)

Commercial insurance, all ages, all genders



Based on the above data, the estimated 2023 average cost per visit is approximately \$56 (assuming 6% annual medical trend) in an outpatient hospital setting, \$19 in an office setting and \$8 in an outpatient lab.

Source: Merative, Aetna and Highmark BCBS; includes active employees, early retirees and their families

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