

HEALTH CARE COST INSTITUTE

2021 Health Care Cost & Utilization Report Chartbook



Figure 1: Cumulative Percent Change in Spending per Person, Utilization, and Price | 6

Figure 2: Annual Percent Change in Spending per Person, Utilization, and Price | 6

Figure 3: Share of Spending per Person in 2021 | 7

Figure 4: Cumulative Percent Change in Spending per Person, Utilization, and Price by Service | 8

Figure 5: Annual Spending per Person by Service | 9

Figure 6: Annual Change in Spending per Person by Service | 9

Figure 7: Annual Percent Change in Spending per Person, Utilization and Price by Service | 10

Figure 8: 2021 ESI Age Distribution | 11

Figure 9: Spending per Person in 2021 by Age and Sex | <u>12</u>

Figure 10: Cumulative Percent Change in Total and Out-of-Pocket Spending per Person | <u>13</u>

Figure 11: Total and Out-of-Pocket Spending per Person | <u>13</u>

Figure 12: Share of Out-of-Pocket Spending by Service | <u>14</u>

Figure 13: Cumulative Change in Total Spending per Person by Contributing Factors | <u>15</u>

Figure 14: Cumulative Change in Total Spending per Person by Contributing Factors and Service | <u>16</u>



Figure 15: Cumulative Percent Change in Spending, Utilization and Price Compared to Constant Growth | <u>17</u>

Figure 16: Cumulative Percent Change in Spending, Utilization and Price for Select Services | 18

Figure 17: Share of Inpatient Facility Spending | <u>19</u>

Figure 18: Cumulative Change in Inpatient Facility Spending per Person | 20

Figure 19: Cumulative Percent Change in Inpatient Facility Spending per Person, Utilization and Price for Select Services | <u>21</u>

Figure 20: Share of Inpatient Admissions Utilization | 22

Figure 21: Average Prices of Select Inpatient Admissions in 2017 and 2021 | 23

Figure 22: Average Out-of-Pocket Payments for Select Inpatient Admissions in 2017 and 2021 | 23

Figure 23: Share of Outpatient Facility Spending | 24

Figure 24: Cumulative Change in Outpatient Facility Spending per Person | 25

Figure 25: Cumulative Percent Change in Outpatient Facility Spending per Person, Utilization and Price for Select Services | <u>26</u>

Figure 26: Share of Outpatient Services Utilization | <u>27</u>



Figure 27: Share of Outpatient Procedures Facility Spending | <u>28</u>

Figure 28: Cumulative Percent Change in Outpatient Procedures Facility Spending per Person, Utilization and Price for Select Services | <u>29</u>

Figure 29: Average Prices of Select Outpatient Facility Services in 2017 and 2021 | <u>30</u>

Figure 30: Average Out-of-Pocket Payments for Select Outpatient Facility Services in 2017 and 2021 | 30

Figure 31: Share of Professional Services Spending | 31

Figure 32: Cumulative Change in Professional Services Spending per Person | 32

Figure 33: Cumulative Percent Change in Professional Services Spending per Person, Utilization and Price for Select Services | <u>33</u>

Figure 34: Share of Professional Services Utilization | 34

Figure 35: Average Prices of Select Professional Services in 2017 and 2021 | 35

Figure 36: Average Out-of-Pocket Payments for Select Professional Services in 2017 and 2021 | 35

Figure 37: Share of Prescription Drug Spending | <u>36</u>

Figure 38: Cumulative Change in Prescription Drug Spending per Person | 37



Figure 39: Cumulative Percent Change in Prescription Drug Spending per Person, Utilization and Price for Select Drugs | <u>38</u>

Figure 40: Share of Prescription Drug Days Supplied | <u>39</u>

Figure 41: Average Point-of-Sale Prices for Prescription Drugs 30-Day Supply in 2017 and 2021 | <u>40</u>

Figure 42: Average Out-of-Pocket Payments for Prescription Drugs 30-Day Supply in 2017 and 2021 | <u>40</u>

Figure 43: Share of Prescription Drug Utilization, Spending, and Out-of-Pocket Spending on Brand and Generic Drugs in 2021 | <u>41</u>

Figure 44: Cumulative Percent Change in Brand and Generic Prescription Drug Point-of-Sale Prices | <u>42</u>

Figure 45: Total Spending per Person by State in 2021 | <u>43</u>

Figure 46: Inpatient Facility Spending by Age and Sex in 2021 | <u>44</u>

Figure 47: Share of Professional E&M Services Spending | <u>45</u>



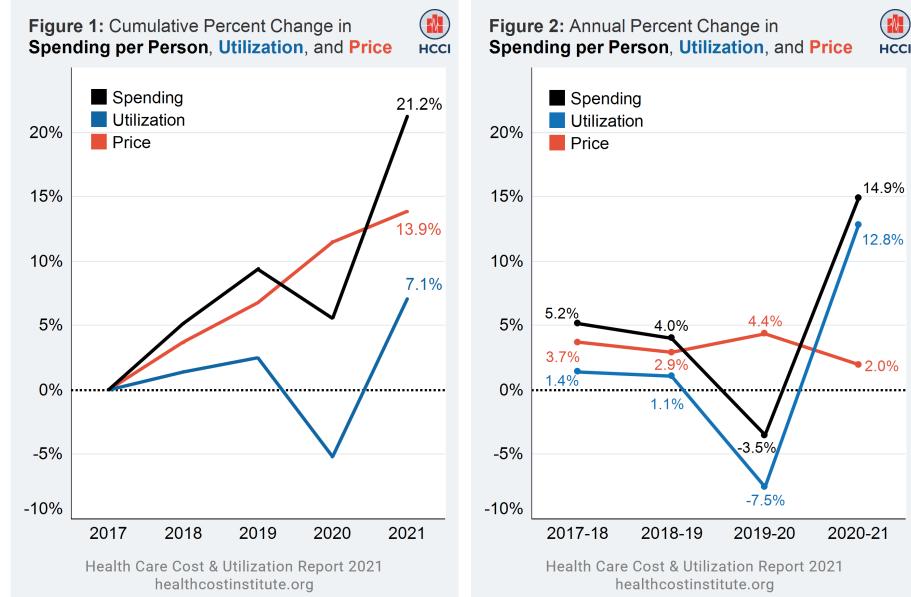
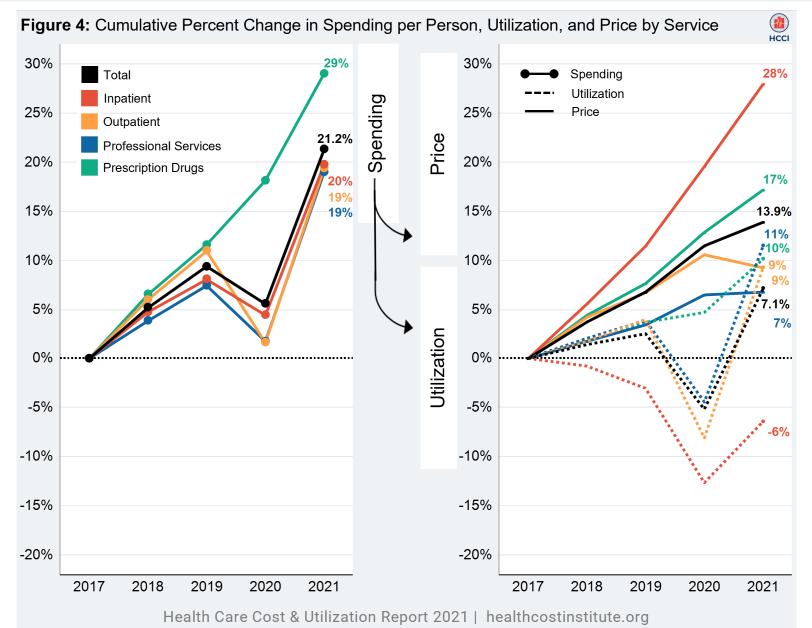




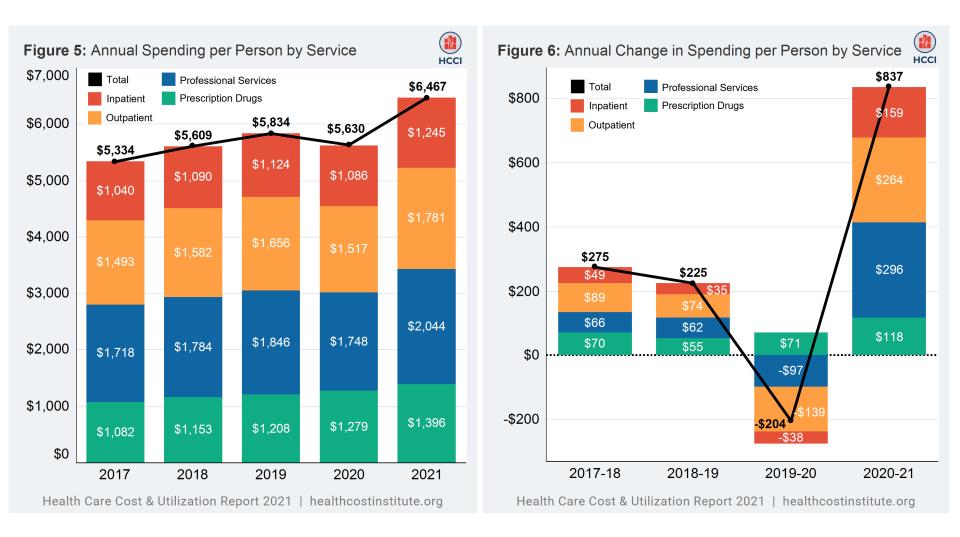
Figure 3: Share of Spending per Person in 2021

| Professional Services 31.6% of Spending (\$2,044) | Prescription Drugs 21.6% of Spending (\$1,396) |
|--|---|
| Outpatient 27.5% of Spending (\$1,781) | Inpatient 19.3% of Spending (\$1,245) |
| Health Care Cost & Utiliza healthcostinstitu | |

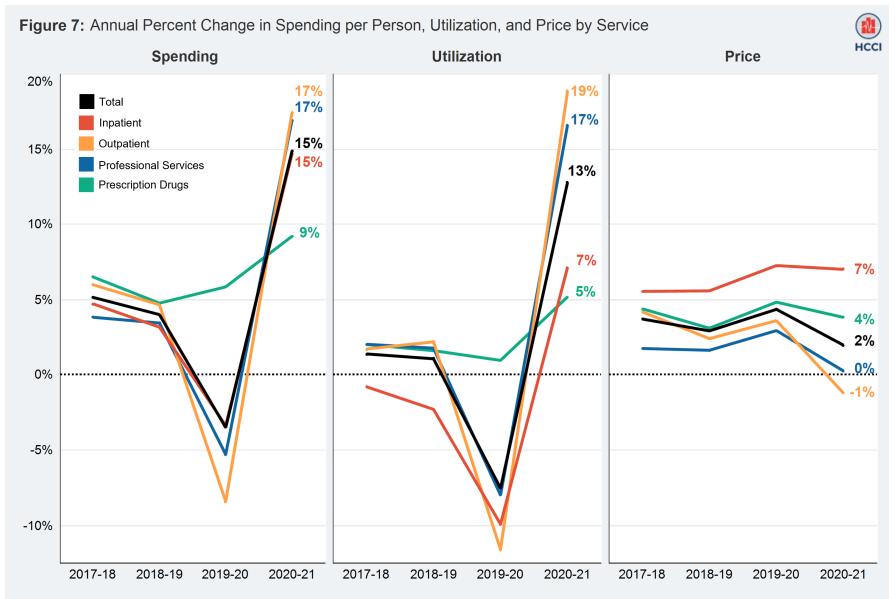






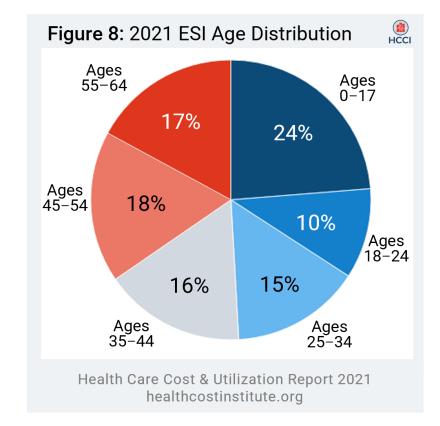






Health Care Cost & Utilization Report 2021 | healthcostinstitute.org







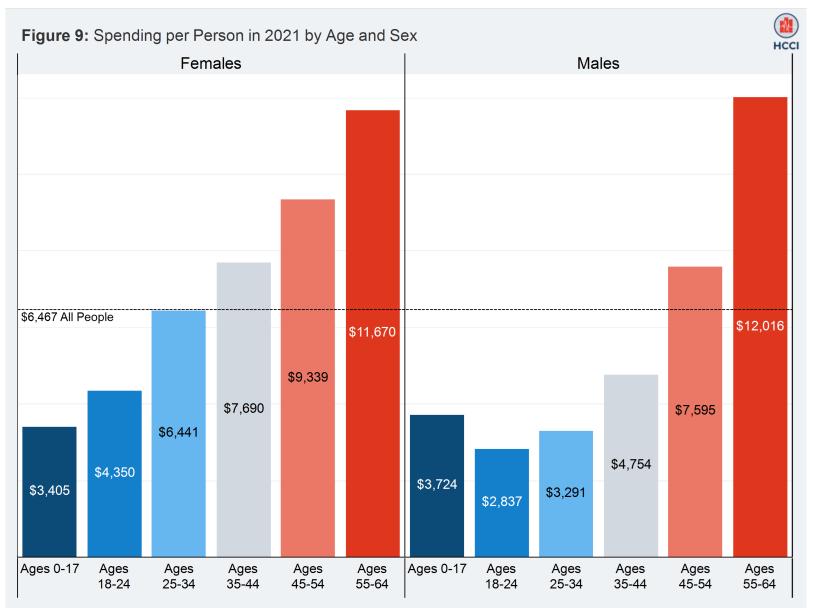


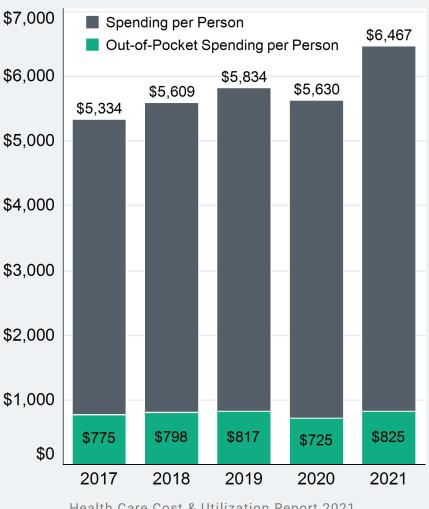
Figure 10: Cumulative Percent Change in Spending per Person and Out-of-Pocket Spending per Person HCCI

HEALTH CARE

COST INSTITUTE

21.2% 20% Spending **Out-of-Pocket Spending** 15% 10% 6.5% 5% 0% -5% 2017 2019 2020 2021 2018 Health Care Cost & Utilization Report 2021 healthcostinstitute.org

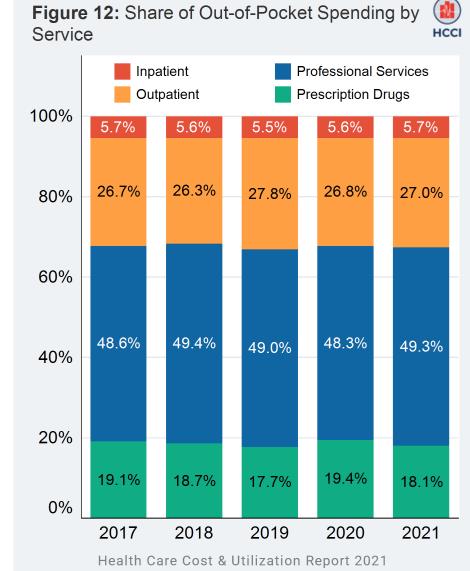
Figure 11: Total and Out-of-Pocket Spending per Person



Health Care Cost & Utilization Report 2021 healthcostinstitute.org

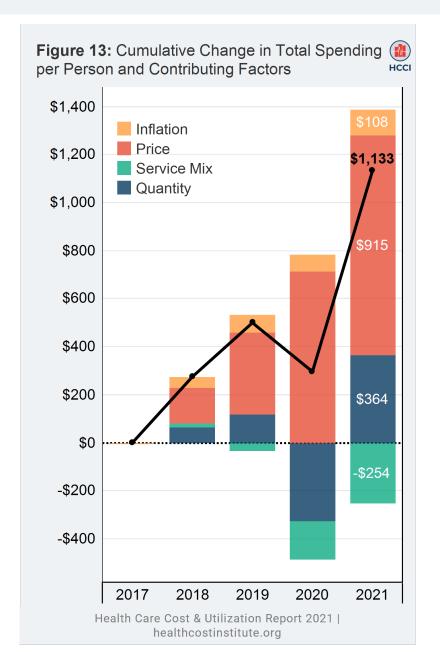




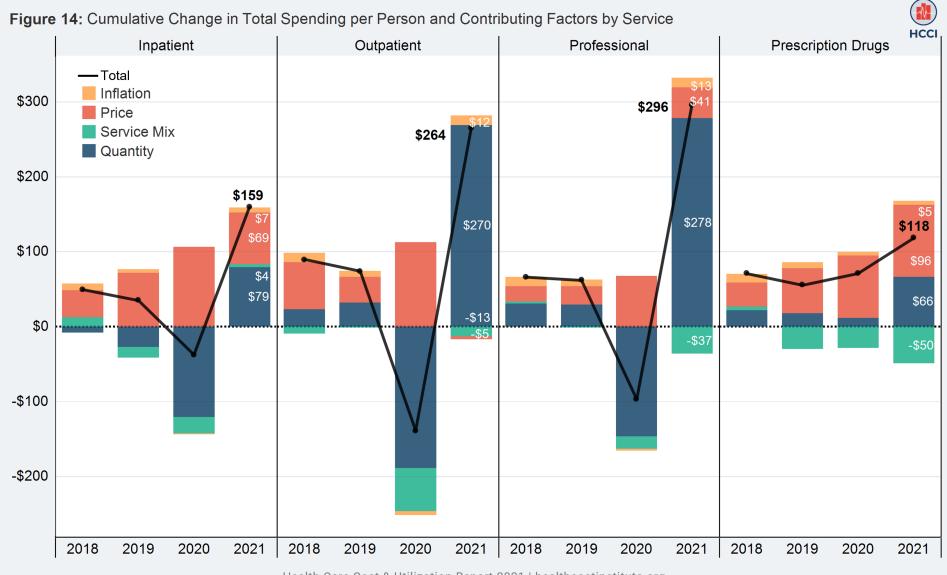




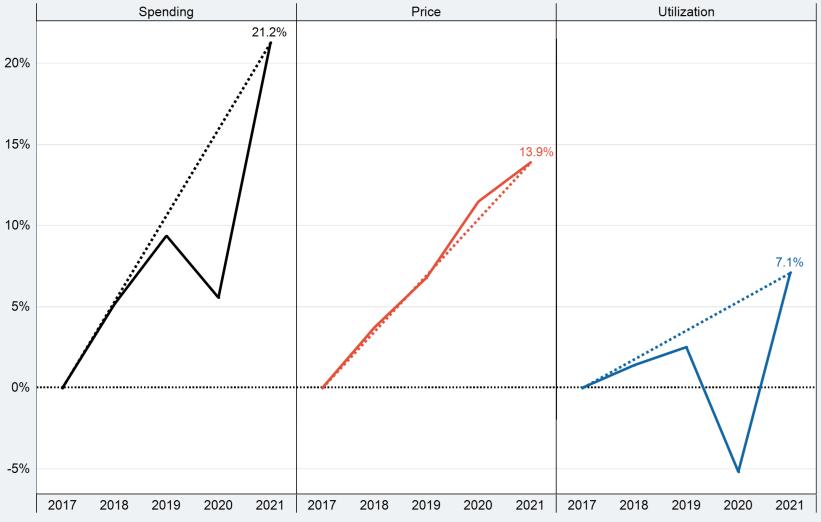












HCCI





Figure 16: Cumulative Percent Change in Spending per Person, Utilization, and Price for Select Services



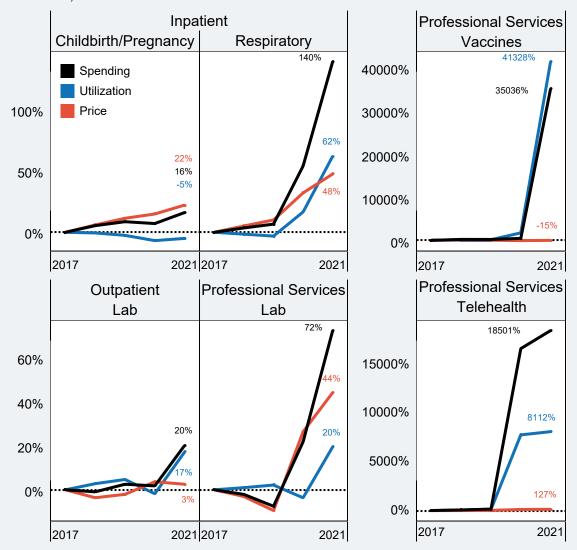
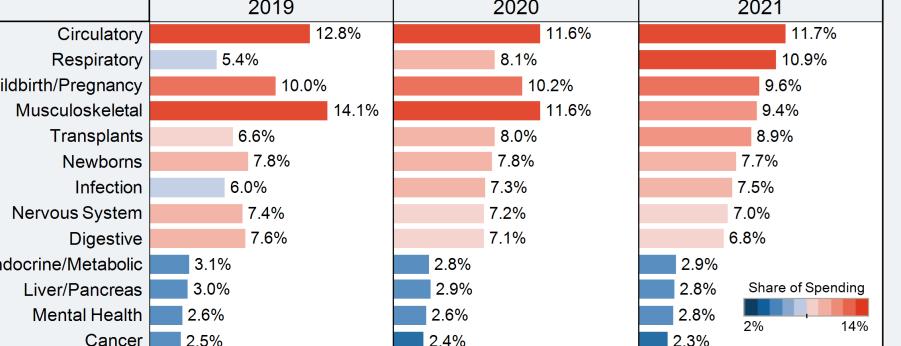


Figure 17: Share of Inpatient Facility Spending

2019 2020 2021 12.8% 11.6% 11.7% Circulatory Respiratory 5.4% 8.1% 10.9% Childbirth/Pregnancy 10.2% 9.6% 10.0% Musculoskeletal 14.1% 9.4% 11.6% 6.6% Transplants 8.0% 8.9% 7.8% 7.8% 7.7% Newborns Infection 6.0% 7.5% 7.3% Nervous System 7.4% 7.2% 7.0% 7.1% 7.6% 6.8% Digestive 2.9% Endocrine/Metabolic 3.1% 2.8% Share of Spending Liver/Pancreas 3.0% 2.9% 2.8% Mental Health 2.6% 2.6% 2.8% 2% 14% Cancer 2.5% 2.4% 2.3%

Health Care Cost & Utilization Report 2021 | healthcostinstitute.org

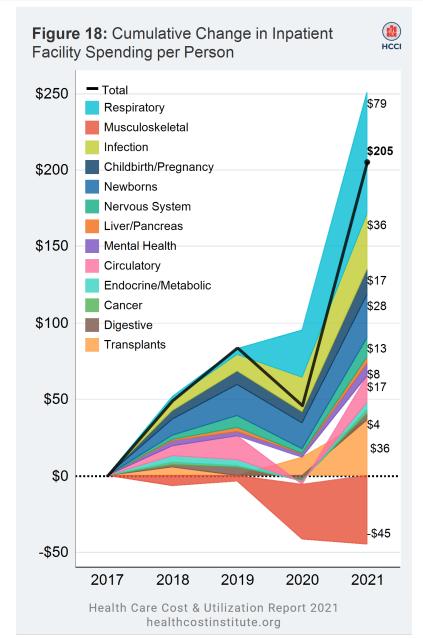
HEALTH CARE COST INSTITUTE





HCCI



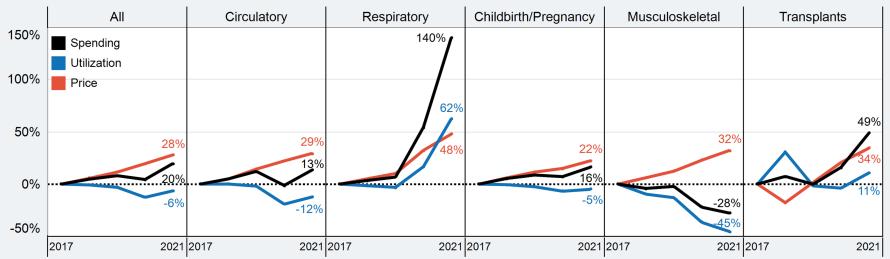




HCC







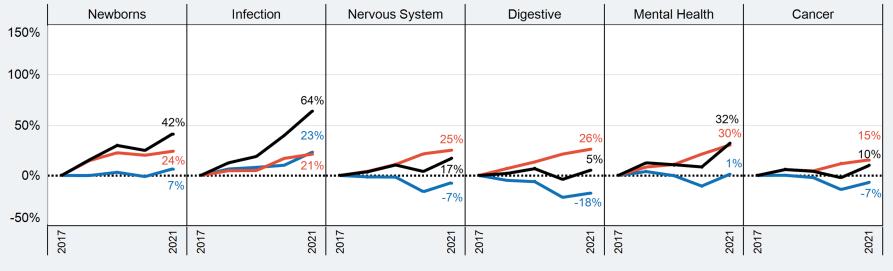
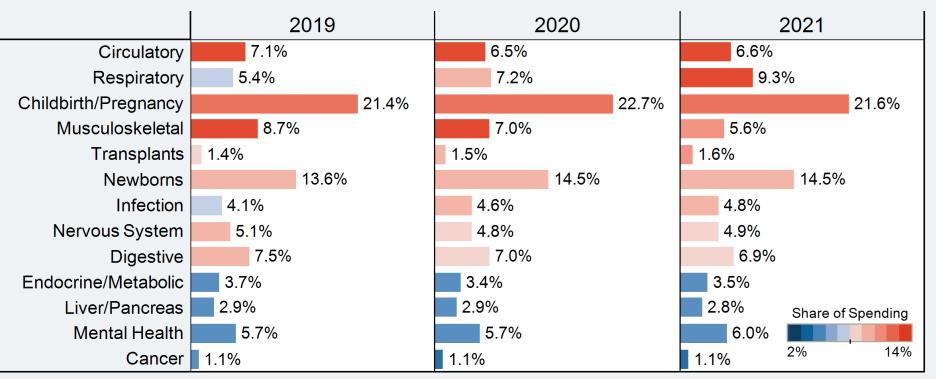




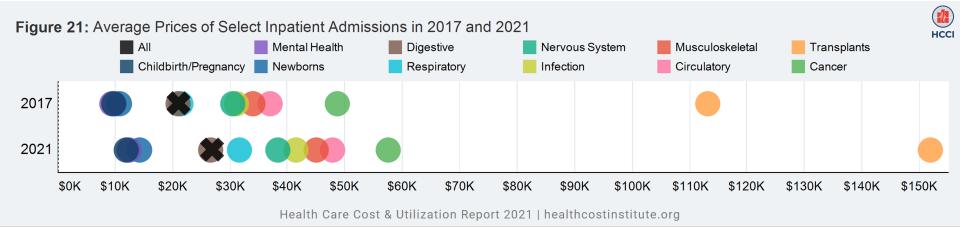
Figure 20: Share of Inpatient Admissions Utilization

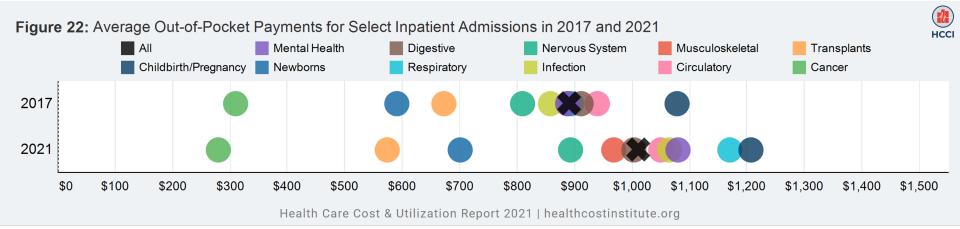


Health Care Cost & Utilization Report 2021 | healthcostinstitute.org

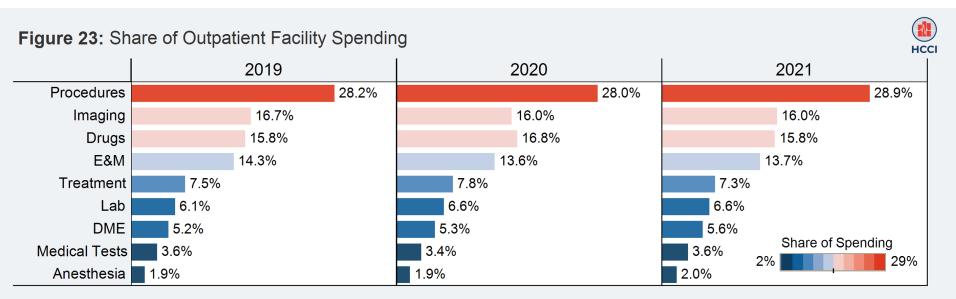
HCCI



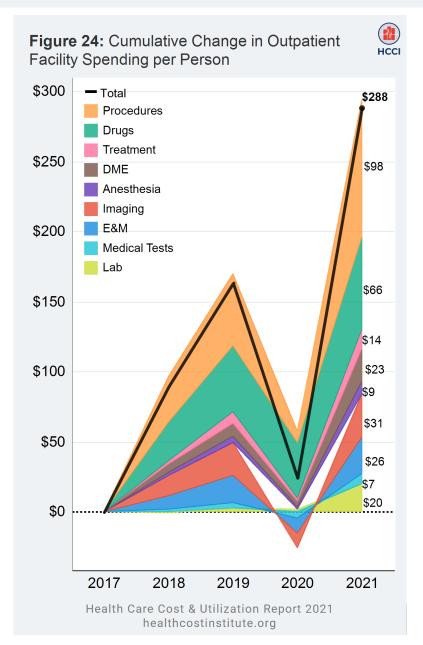














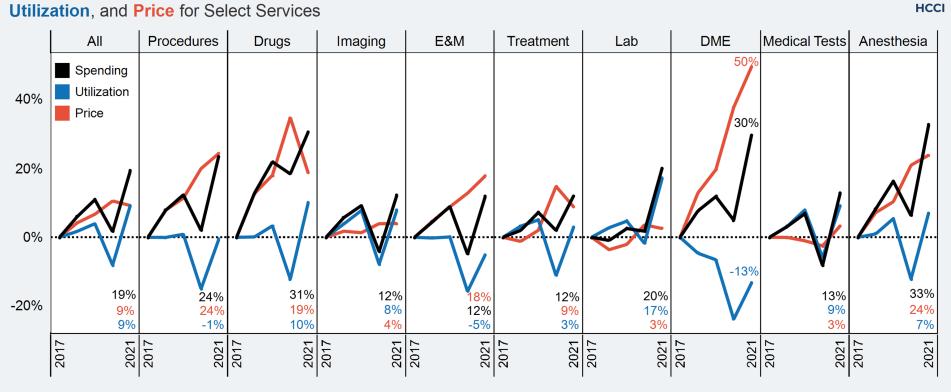
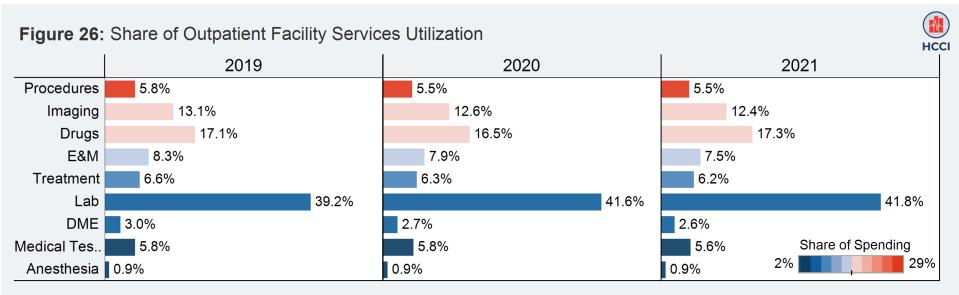


Figure 25: Cumulative Percent Change in Outpatient Facility Spending per Person,







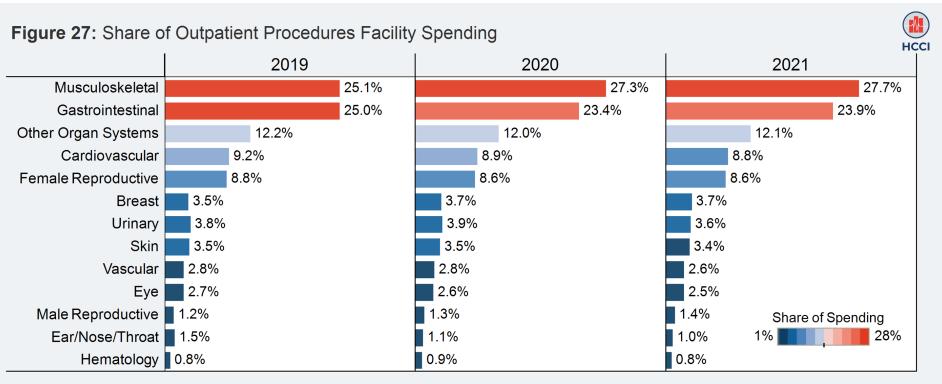
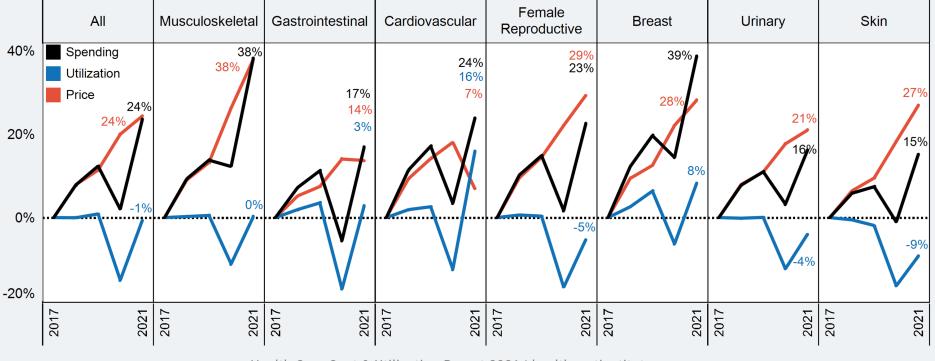




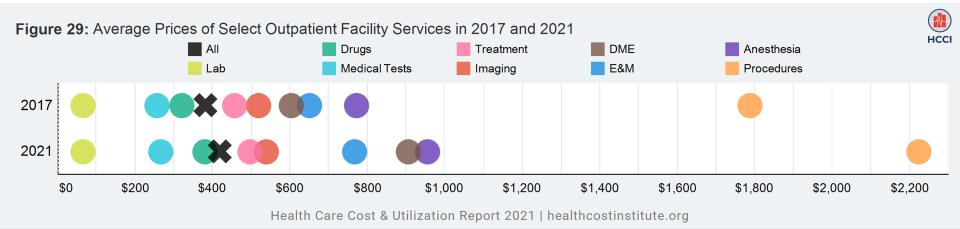
Figure 28: Cumulative Percent Change in Outpatient Procedures Facility Spending per Person, Utilization, and Price for Select Services

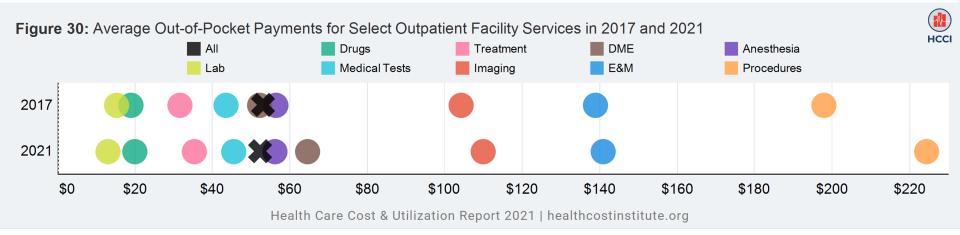


Health Care Cost & Utilization Report 2021 | healthcostinstitute.org

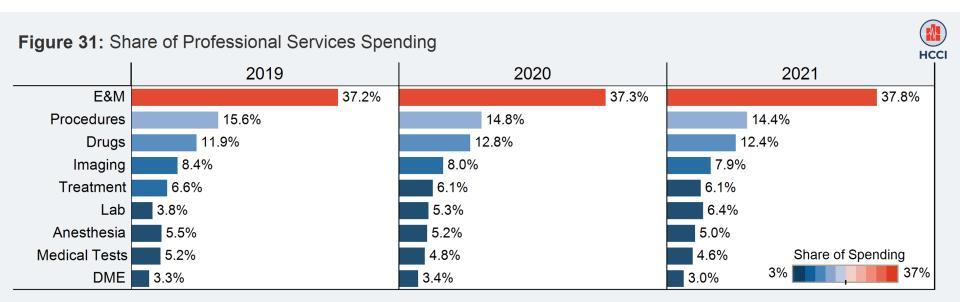
HCCI













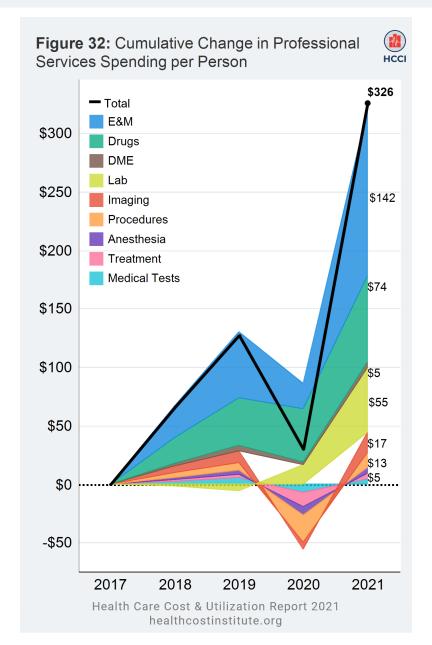




Figure 33: Cumulative Percent Change in Professional Services Spending per Person, Utilization, and Price for Select Services

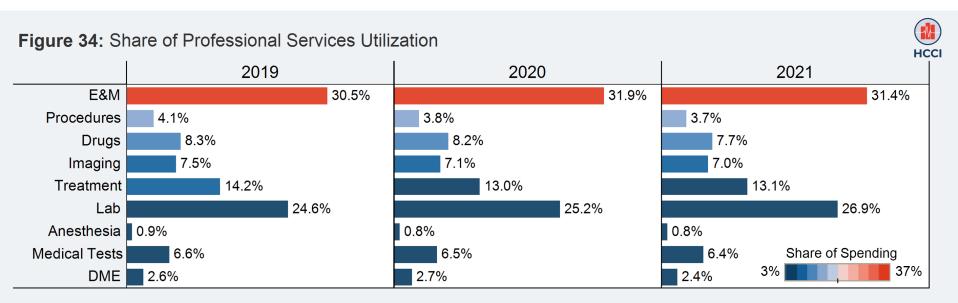
HEALTH CARE

COST INSTITUTE

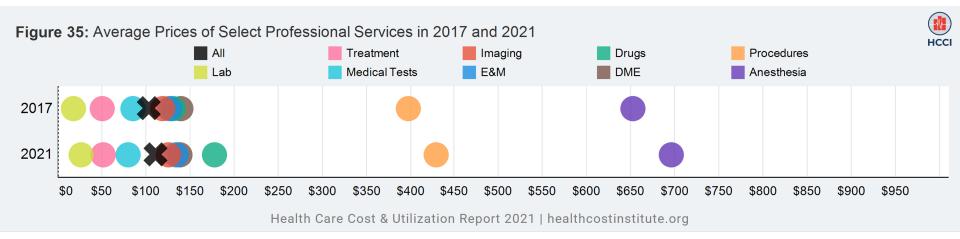
Procedures Treatment Medical Tests Anesthesia All Drugs Imaging E&M Lab DME 72% Spending 44% Utilization 20% 60% 41% Price 35% 4% 19% 40% 11% 23% 7% 15% 11% 10% 12% 8% 7% 7% 5% 9% 5% 7% 5% 4% -6% 20% -1% 5% -3% 3% 1% -1% 0% 2021 2017 2021 2017 2021 2017 2021 2021 2017 2021 2017 2021 2017 2021 2017 2021 2017 2017 2017 2021 Health Care Cost & Utilization Report 2021 | healthcostinstitute.org

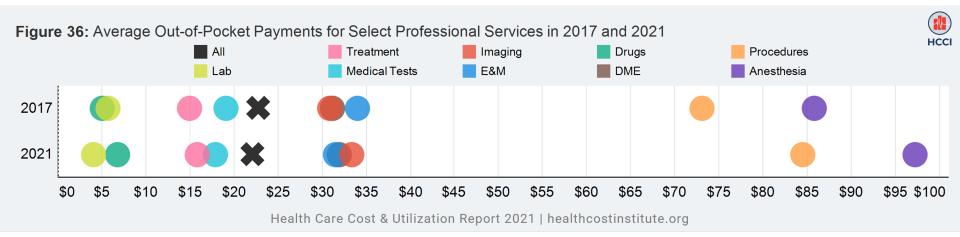
нссі



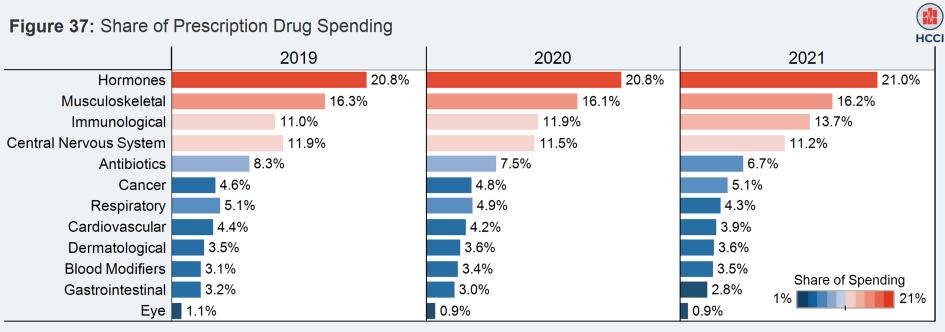






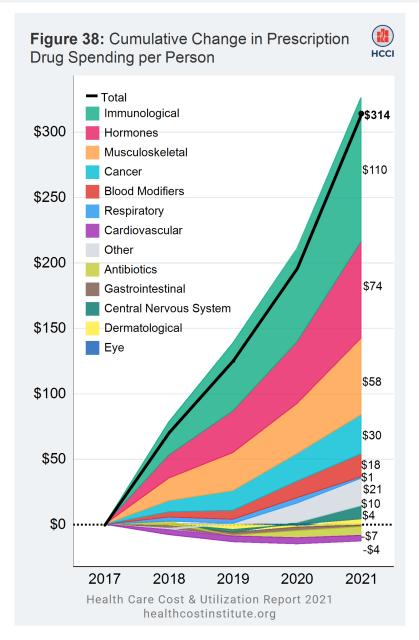








HEALTH CARE COST INSTITUTE





HEALTH CARE COST INSTITUTE

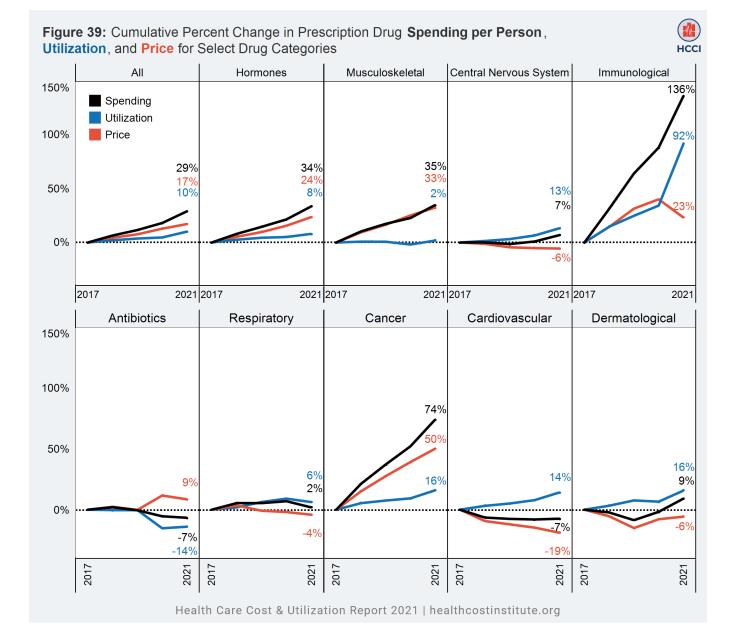
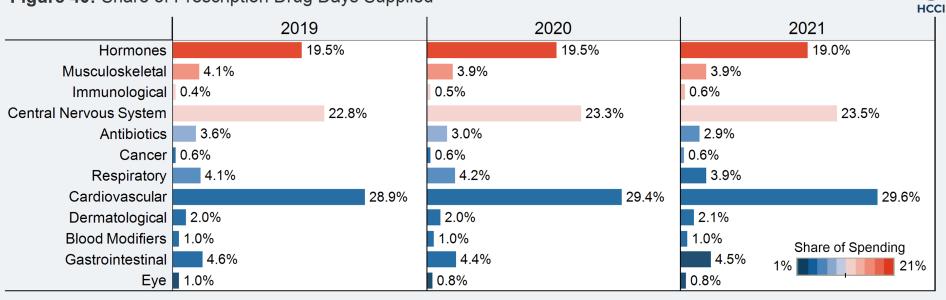


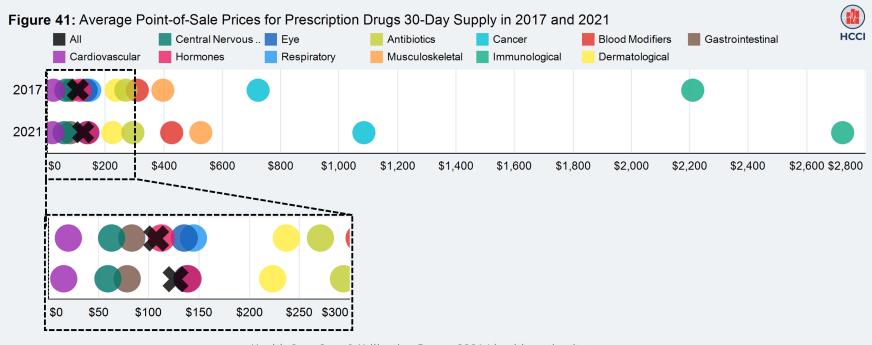


Figure 40: Share of Prescription Drug Days Supplied



Health Care Cost & Utilization Report 2021 | healthcostinstitute.org





Health Care Cost & Utilization Report 2021 | healthcostinstitute.org

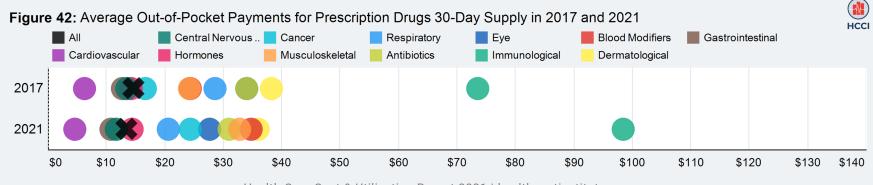




Figure 43: Share of Prescription Drug Utilization, Spending, and Out-of-Pocket Spending on Brand and Generic Drugs in 2021

| Generic Brand | Share of Utilization (days supply) Share of Spending | | | | Share of Out-of-Pocket Spending | |
|------------------------|--|-----------------|-------------------|--------|---------------------------------|-------|
| | Shale of Othization | (uays supply) | Share of Spending | | | |
| All Prescription Drugs | 86% | 14% | 18% | 82% | 45% | 55% |
| Hormones | 56% | 44% | 8% | 92% | 25% | 75% |
| Musculoskeletal | 91% | <mark>9%</mark> | 96% | | 21% | 79% |
| Immunological | 62% | 38% | 13% 87% | | 94% | |
| Central Nervous System | 93% | <mark>7%</mark> | 32% | 68% | 58% | 42% |
| Antibiotics | 91% | 9% | 20% | 80% | 54% | 46% |
| Cancer | 91% | <mark>9%</mark> | 10% | 90% | 24% | 76% |
| Respiratory | 68% | 32% | 16% | 84% | 37% | 63% |
| Cardiovascular | 98% | | 6 | 0% 40% | 829 | % 18% |
| Dermatological | 87% | 13% | 31% | 69% | 47% | 53% |
| Blood Modifiers | 48% | 52% | | 96% | 9% | 91% |
| Gastrointestinal | 94% | <mark>6%</mark> | 30% | 70% | 57% | 43% |
| Eye | 76% | 24% | 21% | 79% | 42% | 58% |

Health Care Cost & Utilization Report 2021 | healthcostinstitute.org

НССІ



Figure 44: Cumulative Percent Change in Brand and Generic Prescription Drug Point-of-Sale Prices

