**Supplementary Table.** Distribution of patient, provider and procedure level variables

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **45 – 49 years** | **50 – 54 years** | **Overall 50 – 75 years** |
| Total N | 47,213 | 1,014,193 | 2,759,326 |
| **Age (years)** | **Mean (SD)** | **Mean (SD)** | **Mean (SD)** |
|  | 47.32, (1.44) | 51.41 (1.38) | 58.75 (7.09) |
|  | **n (%)** | **n (%)** | **n (%)** |
| **Male** | 20,692 (43.8) | 478,213 (47.2) | 1,276,424 (46.3) |
| **Race** |  |  |  |
| White | 22,533 (47.7) | 572,749 (56.5) | 1,595,145 (57.8) |
| Black | 8,565 (18.1) | 90,241 (8.9) | 230,085 (8.3) |
| Asian | 1,156 (2.5) | 31,018 (3.1) | 73,851 (2.7) |
| Other | 2,643 (5.6) | 44,464 (4.4) | 112,116 (4.1) |
| Unknown/Declined | 12,316 (26.1) | 275,721 (27.2) | 748,129 (27.1) |
| **ASA classification** |  |  |  |
| I | 10,685 (22.6) | 218,620 (21.6) | 402,001 (14.6) |
| II | 32,731 (69.3) | 705,618 (69.6) | 1,999,757 (72.5) |
| III | 3,778 (8.0) | 89,299 (8.8) | 354,693 (12.9) |
| IV-E | 19 (0.0) | 656 (0.1) | 2,875 (0.1) |
| **Withdraw time (minutes)** |  |  |  |
| ≤6 | 5,956 (12.6) | 107,393 (10.6) | 302,127 (11.0) |
| >6 – 11 | 26,070 (55.2) | 525,224 (51.8) | 1,397,677 (50.7) |
| >11 | 13,161 (27.9) | 329,811 (32.5) | 910,667 (33.0) |
| Unknown/other | 2,026 (4.3) | 51,765 (5.1) | 148,855 (5.4) |
| **Procedure Year** |  |  |  |
| 2014 | 2,908 (6.2) | 63,362 (6.3) | 167,587 (6.1) |
| 2015 | 4,232 (9.0) | 101,852 (10.0) | 273,827 (9.9) |
| 2016 | 5,198 (11.0) | 153,933 (15.2) | 418,072 (15.2) |
| 2017 | 5,716 (12.1) | 179,553 (17.7) | 495,795 (18.0) |
| 2018 | 8,074 (17.1) | 190,714 (18.8) | 530,700 (19.2) |
| 2019 | 12,067 (25.6) | 200,924 (19.8) | 546,100 (19.8) |
| 2020 | 9,018 (19.1) | 123,855 (12.2) | 327,245 (11.9) |
| **Geography** |  |  |  |
| Midwest | 3,491 (7.4) | 140,839 (13.9) | 377,704 (13.7) |
| Northeast | 15,562 (33.0) | 218,958 (21.6) | 594,335 (21.5) |
| South | 22,210 (47.0) | 429,671 (42.4) | 1,168,525 (42.4) |
| West | 5,692 (12.1) | 221,552 (21.9) | 611,474 (22.2) |
| Other/Unknown | 258 (0.6) | 3,173 (0.3) | 7,288 (0.3) |
| **Endoscopist GI specialty\*** | 33,501 (71.0) | 709,971 (70.0) | 1,984,047 (71.9) |
| **Endoscopy suite type** |  |  |  |
| Hospital | 4,984 (10.6) | 119,943 (11.8) | 347,730 (12.6) |
| Ambulatory Surgical Center | 39,938 (84.6) | 837,736 (82.6) | 2,274,541 82.4) |
| Office-based | 1,333 (2.8) | 22,560 (2.2) | 51,880 (1.9) |
| Unknown | 958 (2.0) | 33,954 (3.4) | 85,175 (3.1) |

\*defined as having one of the Gastroenterology specific taxonomy codes listed in the National NPI database

GI: Gastroenterology; ASA: American Society of Anesthesia