Supplementary Material 5. Colorectal Cancer Screening Participation Rate Change (2019 vs. 2020, % change and % point difference) per Month by Geographical Region

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Eligible population |  | Total | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| **Total** | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| 2019 | 14,526,424 | Participant | 5,886,319 | 238,524 | 350,333 | 448,163 | 425,007 | 421,487 | 392,814 | 436,659 | 441,415 | 417,161 | 638,038 | 743,595 | 933,123 |
| Participants per 1,000 | 405  | 16  | 24  | 31  | 29  | 29  | 27  | 30  | 30  | 29  | 44  | 51  | 64  |
| 2020 | 14,556,118 | Participant | 5,135,163 | 195,904 | 172,884 | 170,023 | 228,138 | 340,204 | 445,566 | 489,150 | 468,005 | 461,219 | 711,916 | 773,085 | 679,069 |
| Participants per 1,000 | 353  | 13  | 12  | 12  | 16  | 23  | 31  | 34  | 32  | 32  | 49  | 53  | 47  |
| 　 | 　 | %p | -5.2 | -0.3 | -1.2 | -1.9 | -1.4 | -0.6 | 0.4 | 0.4 | 0.2 | 0.3 | 0.5 | 0.2 | -1.8 |
| 　 | 　 | % | -12.9 | -18 | -50.8 | -62.1 | -46.4 | -19.4 | 13.2 | 11.8 | 5.8 | 10.3 | 11.4 | 3.8 | -27.4 |
| **Capital** | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| 2019 | 6,769,700  | Participant | 2,830,807  | 84,729  | 151,606  | 202,938  | 201,050  | 205,588  | 196,892  | 210,369  | 215,576  | 205,330  | 316,572  | 370,085  | 470,072  |
| Participants per 1,000 | 418  | 13 | 22 | 30 | 30 | 30 | 29 | 31 | 32 | 30 | 47 | 55 | 69 |
| 2020 | 6,817,037  | Participant | 2,479,458  | 72,661  | 69,368  | 84,293 | 109,237  | 162,085  | 206,400  | 233,245  | 227,684  | 227,514  | 355,844  | 390,112  | 341,015  |
| Participants per 1,000 | 364  | 11 | 10 | 12 | 16 | 24 | 30 | 34 | 33 | 33 | 52 | 57 | 50 |
| 　 | 　 | %p | -5.4 | -0.2 | -1.2 | -1.8 | -1.4 | -0.7 | 0.1 | 0.3 | 0.2 | 0.3 | 0.5 | 0.3 | -1.9 |
| 　 | 　 | % | -13.0 | -14.8 | -54.6 | -58.8 | -46.0 | -21.7 | 4.1 | 10.1 | 4.9 | 10.0 | 11.6 | 4.7 | -28.0 |
| **Central** | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| 2019 | 1,122,616  | Participant | 867,372  | 49,648  | 59,529  | 69,956  | 63,132  | 57,891  | 55,098  | 65,648  | 65,640  | 63,301  | 92,490  | 102,332  | 122,707  |
| Participants per 1,000 | 773  | 44  | 53  | 62  | 56  | 52  | 49  | 58  | 58  | 56  | 82  | 91  | 109  |
| 2020 | 1,094,473  | Participant | 735,432  | 38,014  | 31,432  | 24,264  | 33,611  | 48,750  | 64,045  | 72,526  | 63,751  | 64,394  | 99,301  | 104,694  | 90,650  |
| Participants per 1,000 | 672  | 35  | 29  | 22  | 31  | 45  | 59  | 66  | 58  | 59  | 91  | 96  | 83  |
| 　 | 　 | %p | -10.1 | -0.9 | -2.4 | -4.0 | -2.6 | -0.7 | 0.9 | 0.8 | 0.0 | 0.2 | 0.8 | 0.5 | -2.6 |
| 　 | 　 | % | -13.0 | -21.5 | -45.8 | -64.4 | -45.4 | -13.6 | 19.2 | 13.3 | -0.4 | 4.3 | 10.1 | 4.9 | -24.2 |
| **Southwestern** | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| 2019 | 1,771,950  | Participant | 733,906  | 40,507  | 53,193  | 60,809  | 51,372  | 49,080  | 42,914  | 50,469  | 49,298  | 49,758  | 77,330 | 88,852  | 120,324  |
| Participants per 1,000 | 414  | 23 | 30 | 34 | 29 | 28 | 24 | 28 | 28 | 28 | 44 | 50 | 68 |
| 2020 | 1,750,459  | Participant | 638,475  | 33,811  | 26,793  | 25,685  | 30,261  | 43,622  | 57,653  | 55,433  | 51,352  | 51,977  | 85,524  | 89,666  | 86,698  |
| Participants per 1,000 | 365  | 19 | 15 | 15 | 17 | 25 | 33 | 32 | 29 | 30 | 49 | 51 | 50 |
| 　 | 　 | %p | -4.9 | -0.4 | -1.5 | -2.0 | -1.2 | -0.3 | 0.9 | 0.3 | 0.2 | 0.2 | 0.5 | 0.1 | -1.8 |
| 　 | 　 | % | -11.9 | -15.5 | -49.0 | -57.2 | -40.4 | -10.0 | 36.0 | 11.2 | 5.4 | 5.7 | 12.0 | 2.2 | -27.1 |
| **Southeastern** | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| 2019 | 3,894,743  | Participant | 1,454,234  | 63,640  | 86,005  | 114,460  | 109,453  | 108,928  | 97,910  | 110,173  | 110,901  | 98,772  | 151,646  | 182,326  | 220,020  |
| Participants per 1,000 | 373 | 16 | 22 | 29 | 28 | 28 | 25 | 28 | 28 | 25 | 39 | 47 | 56 |
| 2020 | 3,921,727  | Participant | 1,281,787  | 51,418  | 45,291  | 35,781  | 55,029  | 85,747  | 117,468  | 127,946  | 125,207  | 117,334  | 171,247  | 188,613  | 160,706  |
| Participants per 1,000 | 327  | 13 | 12 | 9  | 14  | 22  | 30  | 32  | 32  | 30  | 44  | 48  | 41  |
| 　 | 　 | %p | -4.7 | -0.3 | -1.1 | -2.0 | -1.4 | -0.6 | 0.5 | 0.4 | 0.3 | 0.5 | 0.5 | 0.1 | -1.6 |
| 　 | 　 | % | -12.5 | -19.8 | -47.7 | -69.0 | -50.1 | -21.8 | 19.1 | 15.3 | 12.1 | 18.0 | 12.1 | 2.7 | -27.5 |