Supplementary Material 6. Gastric 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 | 11,625,627 | Participant | 7,194,489 | 400,488  | 413,433  | 537,228  | 522,844  | 521,641  | 488,272  | 536,443  | 552,960  | 482,632  | 717,136 | 876,125  | 1,145,287  |
| Participants per 1,000 | 619  | 34  | 36  | 46  | 45  | 45  | 42  | 46  | 48  | 42  | 62  | 75  | 99  |
| 2020 | 11,439,268 | Participant | 6,244,491 | 345,883 | 281,468 | 202,853 | 283,708 | 423,812 | 532,061 | 582,320 | 559,542 | 536,999 | 737,299 | 905,988 | 852,558 |
| Participants per 1,000 | 546  | 30  | 25  | 18  | 25  | 37  | 47  | 51  | 49  | 47  | 64  | 79  | 75  |
| 　 | 　 | %p | -7.3 | -0.4 | -1.1 | -2.8 | -2.0 | -0.8 | 0.5 | 0.5 | 0.1 | 0.5 | 0.3 | 0.4 | -2.4 |
| 　 | 　 | % | -11.8 | -12.2 | -30.8 | -61.6 | -44.9 | -17.4 | 10.7 | 10.3 | 2.8 | 13.1 | 4.5 | 5.1 | -24.3 |
| **Capital** | 　 | 　 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 5,548,982  | Participant | 3,372,486 | 145,248 | 171,766  | 233,345  | 235,203  | 241,731  | 233,292  | 250,416  | 262,742  | 233,343  | 354,017  | 438,116  | 573,267  |
| Participants per 1,000 | 608  | 26  | 31  | 42  | 42  | 44  | 42  | 45  | 47  | 42  | 64  | 79  | 103  |
| 2020 | 5,490,381  | Participant | 2,923,408 | 129,028  | 110,937  | 92,162 | 125,276  | 190,070  | 237,999  | 269,219  | 267,919  | 261,747  | 364,365  | 453,560  | 421,126  |
| Participants per 1,000 | 532  | 24  | 20  | 17  | 23  | 35  | 43  | 49  | 49  | 48  | 66  | 83  | 77  |
| 　 | 　 | %p | -7.5 | -0.3 | -1.1 | -2.5 | -2.0 | -0.9 | 0.1 | 0.4 | 0.1 | 0.6 | 0.3 | 0.4 | -2.7 |
| 　 | 　 | % | -12.4 | -10.2 | -34.7 | -60.1 | -46.2 | -20.5 | 3.1 | 8.7 | 3.1 | 13.4 | 4.0 | 4.6 | -25.8 |
| **Central** | 　 | 　 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1,635,797  | Participant | 1,047,572 | 78,029  | 69,156  | 84,646  | 78,179  | 75,039  | 67,794  | 76,208  | 77,903  | 69,697  | 99,501  | 116,612  | 154,808  |
| Participants per 1,000 | 640  | 48  | 42  | 52  | 48  | 46  | 41  | 47  | 48  | 43  | 61  | 71  | 95  |
| 2020 | 1,600,580  | Participant | 932,888  | 64,569  | 48,598  | 30,757  | 72,686  | 61,976  | 77,690  | 84,405  | 77,087  | 75,442  | 101,169  | 121,987  | 116,522  |
| Participants per 1,000 | 583  | 40  | 30  | 19  | 45  | 39  | 49  | 53  | 48  | 47  | 63  | 76  | 73  |
| 　 | 　 | %p | -5.8 | -0.7 | -1.2 | -3.3 | -0.2 | -0.7 | 0.7 | 0.6 | 0.1 | 0.5 | 0.2 | 0.5 | -2.2 |
| 　 | 　 | % | -9.0 | -15.4 | -28.2 | -62.9 | -5.0 | -15.6 | 17.1 | 13.2 | 1.1 | 10.6 | 3.9 | 6.9 | -23.1 |
| **Southwestern** | 　 | 　 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1,378,301  | Participant | 898,762  | 66,274  | 63,967  | 73,567  | 66,291  | 63,045  | 58,098  | 65,683  | 63,676  | 57,747  | 85,137 | 99,827  | 135,450  |
| Participants per 1,000 | 652  | 48  | 46  | 53  | 48  | 46  | 42  | 48  | 46  | 42  | 62  | 72  | 98  |
| 2020 | 1,336,719  | Participant | 772,410  | 56,215  | 42,211  | 33,238  | 40,083  | 55,671  | 69,520  | 66,381  | 63,220  | 61,759  | 87,155  | 101,303  | 95,654  |
| Participants per 1,000 | 578  | 42  | 32  | 25  | 30  | 42  | 52  | 50  | 47  | 46  | 65  | 76  | 72  |
| 　 | 　 | %p | -7.4 | -0.6 | -1.5 | -2.9 | -1.8 | -0.4 | 1.0 | 0.2 | 0.1 | 0.4 | 0.3 | 0.3 | -2.7 |
| 　 | 　 | % | -11.4 | -12.5 | -32.0 | -53.4 | -37.7 | -8.9 | 23.4 | 4.2 | 2.4 | 10.3 | 5.6 | 4.6 | -27.2 |
| **Southeastern** | 　 | 　 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 3,062,547  | Participant | 1,875,669  | 110,937  | 108,544  | 145,670  | 143,171  | 141,826  | 129,088  | 144,136  | 148,639  | 121,845  | 178,481  | 221,570  | 281,762  |
| Participants per 1,000 | 612  | 36  | 35  | 48  | 47  | 46  | 42  | 47  | 49  | 40  | 58  | 72  | 92  |
| 2020 | 3,011,588  | Participant | 1,645,210  | 96,071  | 79,722  | 46,696  | 75,088  | 116,095  | 146,852  | 162,315  | 151,316  | 138,051  | 184,610  | 229,138  | 219,256  |
| Participants per 1,000 | 546  | 32  | 26  | 16  | 25  | 39  | 49  | 54  | 50  | 46  | 61  | 76  | 73  |
| 　 | 　 | %p | -6.6 | -0.4 | -0.9 | -3.2 | -2.2 | -0.8 | 0.7 | 0.7 | 0.2 | 0.6 | 0.3 | 0.4 | -1.9 |
| 　 | 　 | % | -10.8 | -11.9 | -25.3 | -67.4 | -46.7 | -16.8 | 15.7 | 14.5 | 3.5 | 15.2 | 5.2 | 5.2 | -20.9 |