

# Missed Cancer Screenings Not Yet Associated with Increased Cancer Rates or Severity

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## Key Findings:

- Rates of cancer screening for breast cancer, cervical cancer, and colon cancer have returned to normal.
- In data through December 31, 2022, we saw no significant increase in the number of new cancer diagnoses or how advanced or severe those cancer cases were, despite decreased screenings during the pandemic.

Previous studies have shown that cancer screening rates dropped at the start of the COVID-19 pandemic.<sup>1,2</sup> The primary concern about this drop was that early cancer diagnoses might be missed, leading to a rise in rates of more advanced cancers. To evaluate the degree to which this might be true, we studied two related questions:

Following the drop of cancer screenings in the early pandemic:

- Was there an increase in the number of cancer diagnoses?
- Was there an increase in advanced or severe cancers?

We evaluated 373,574 cancer diagnoses entered in patients' charts between January 1, 2018, and December 31, 2022. We established a pre-pandemic baseline period from January 1, 2018, through December 31, 2019, and compared weekly diagnosis rates for the study period to that baseline.

There was a clear drop in cancer cases early in the pandemic, correlated with the decrease in screening. However, as screening rates returned to normal, cancer detection rates did as well. There was not a significant increase in the rate of cancer diagnoses in 2020-2022 as compared to pre-pandemic, as shown in Figure 1. Not only did rates of cancer diagnoses not rise significantly, but new diagnoses of advanced cancers also didn't rise, as shown in Figure 2.

## Weekly Cancer Screening and Diagnosis Volumes per 1 Million Patients

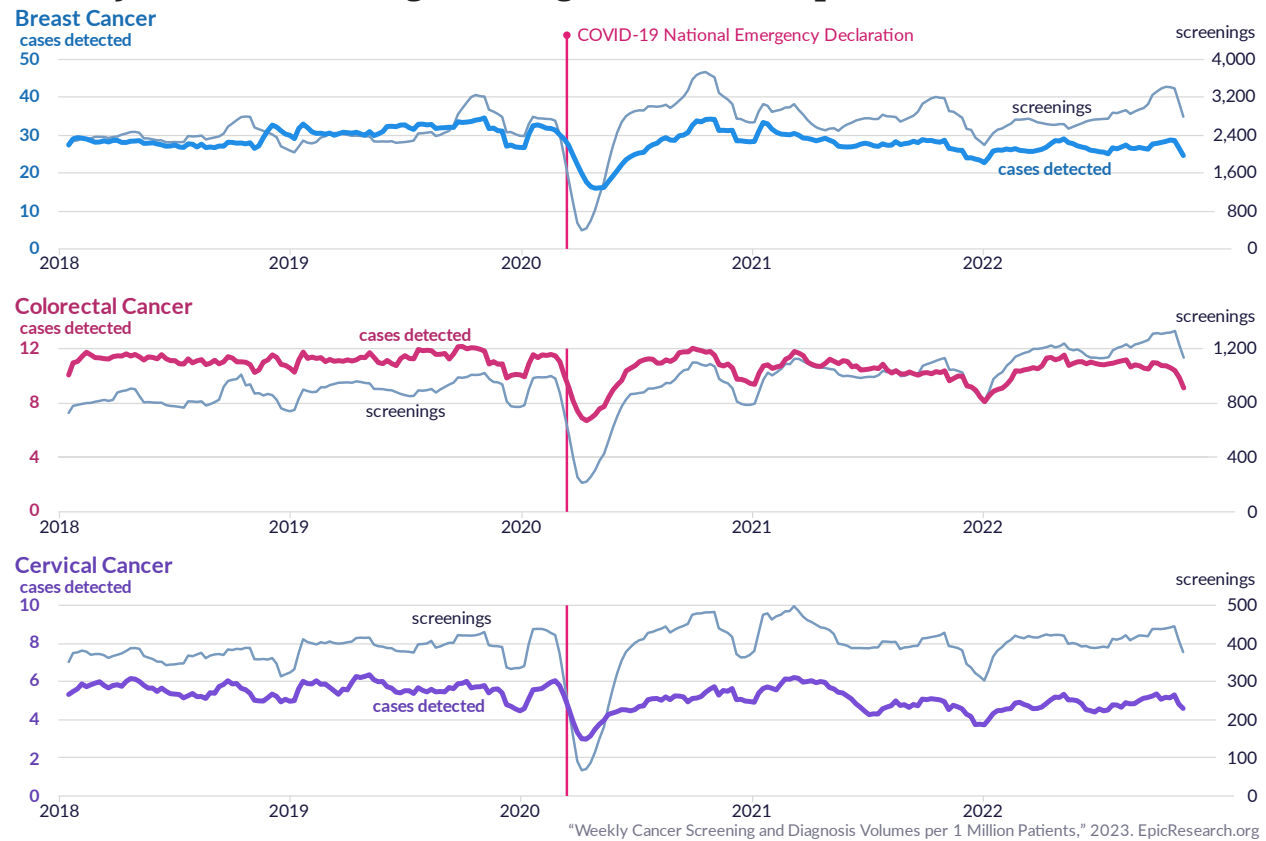


Figure 1. The darker, colored lines represent the number of weekly cases of cancers identified per 1 million patients, while the lighter, gray lines represent the number of weekly screenings for that type of cancer per 1 million patients. Both sets of lines show five-week rolling averages.

## Weekly Cancer Screening and Advanced Cancer Diagnosis Volumes per 1 Million Patients

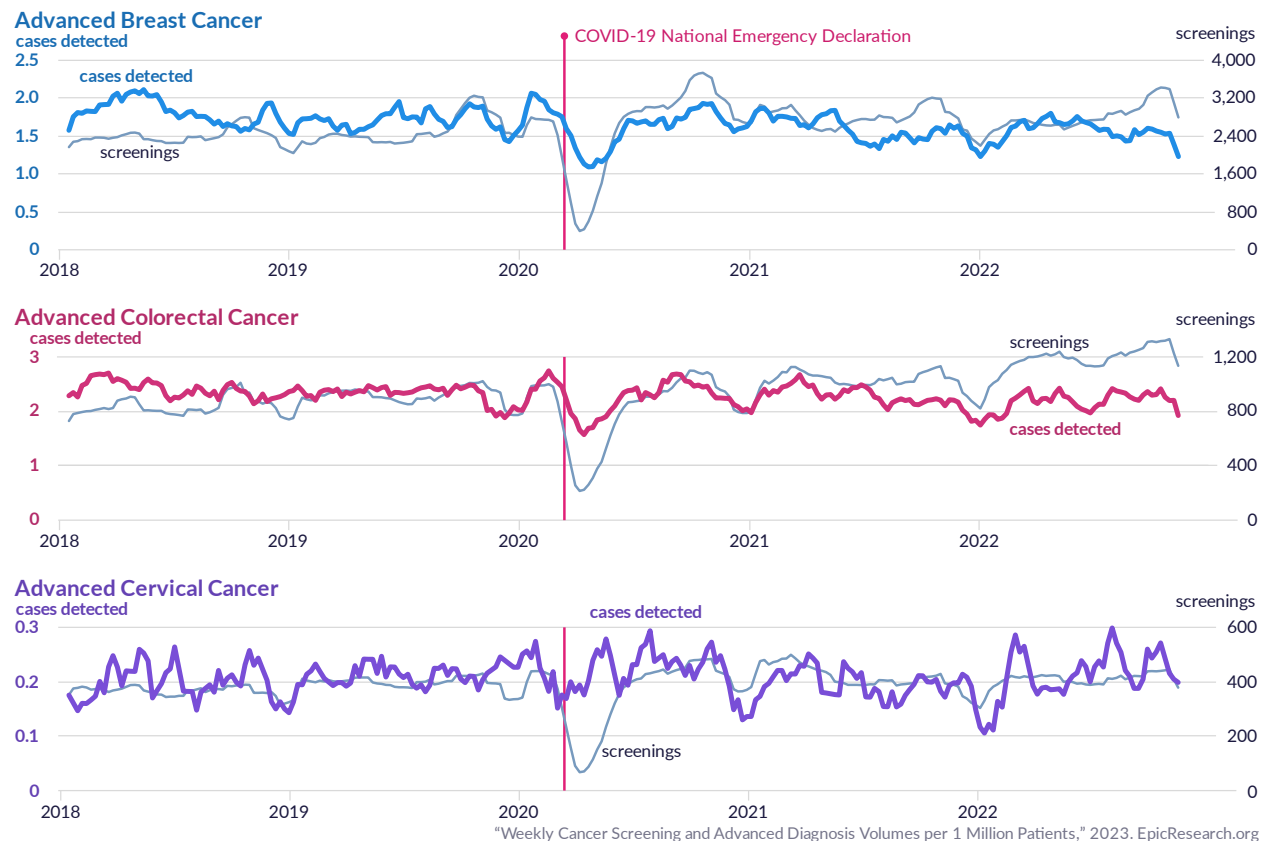


Figure 2. The darker, colored lines represent the number of weekly cases of advanced cancers identified per 1 million patients, while the lighter, gray lines represent the number of weekly screenings for that type of cancer per 1 million patients. Both sets of lines show five-week rolling averages.

While our data does not show an increase in advanced cancers, it might take years to fully realize the impact of missed screenings, especially for cancers with longer recommended intervals between screenings.

*These data come from Cosmos, a HIPAA-defined Limited Data Set of more than 180 million patients from 190 Epic organizations including 1,123 hospitals and more than 22,500 clinics, serving patients in all 50 states and Lebanon. This study was completed by two teams that worked independently, each composed of a clinician and research scientists. The two teams came to similar conclusions.*

## References

1. Sharp Declines in Breast and Cervical Cancer Screening. Centers for Disease Control and Prevention. <https://www.cdc.gov/media/releases/2021/p0630-cancer-screenings.html>
2. Mast C, Deckert J, Muñoz del Rio, A. Troubling Cancer Screening Rates Still Seen Nearly Two Years into the Pandemic. Epic Research. <https://epicresearch.org/articles/troubling-cancer-screening-rates-still-seen-nearly-two-years-into-the-pandemic>. Accessed: February 7, 2023.

## Data Definitions

| Term                                        | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breast Cancer Diagnosis</b>              | Encounter diagnosis of SNOMED 254837009, 109286005, 385417002, 315004001, 126927001, 189336000, 126926005, 372137005, or encounter diagnosis of 369907000 and not 269485000, 278050001, 712989008, 278052009, 92102001                                                                                                                                                                                                                                                                                                                              |
| <b>Cervical Cancer Diagnosis</b>            | Diagnosis of SNOMED 363354003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Colon Cancer Diagnosis</b>               | Diagnosis of SNOMED 781382000, 363350007, 92568009, 92696009, 92559007, or 408645001 and not 276819005, 118600007, 372244006, 413445002, 781076008, 94235004, 369448007, 369449004, 369450004, 369451000, 369452007, 369453002, or 369454008                                                                                                                                                                                                                                                                                                        |
| <b>Metastatic/Advanced Cancer Diagnosis</b> | Diagnosis within 30 days of primary screening exam diagnosis with ICD-10-CM code C7B.02, C7B.04, C78.0, C78.00, C78.01, C78.02, C78.1, C78.2, C78.3, C78.30, C78.39, C78.4, C78.5, C78.6, C78.7, C78.8, C78.80, C78.89, C79, C79.0, C79.00, C79.01, C79.02, C79.1, C79.10, C79.11, C79.19, C79.2, C7B.1, C79.3, C79.31, C79.32, C79.4, C79.40, C79.49, C79.5, C7B.03, C79.51, C79.52, C79.6, C79.60, C79.61, C79.62, C79.63, C79.7, C79.70, C79.71, C79.72, C79.8, C79.81, C79.82, C79.89, C79.9, C7B.0, C7B.00, C7B.01, C7B.09, C7B.8, C7B, or C78 |
| <b>Encounter Diagnosis</b>                  | Diagnoses with type Encounter Diagnosis, Billing Final Diagnosis, Billing Cause of Injury, or Billing Procedure Linked Diagnosis.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Breast Cancer Screening</b>              | Breast cancer screening as identified by an encounter diagnosis of SNOMED CT 268547008 or ICD-10 CM Z12.31, or procedure codes of LOINC 24606-6 or SNOMED CT code 24623002 or 384151000119104                                                                                                                                                                                                                                                                                                                                                       |
| <b>Colorectal Cancer Screening</b>          | Colorectal cancer screening order as identified by encounter diagnosis of SNOMED CT 275978004 or ICD-10-CM Z12.11                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cervical Cancer Screening</b>            | Cervical cancer screening order as identified by encounter diagnosis of SNOMED CT 171149006 or ICD-10-CM Z12.4                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**Table 1: Rolling Weekly Average Cancer Screening and Diagnosis Rates per 1 Million Patients**

| Week      | Breast Screen | Cervix Screen | Colon Screen | Breast | Cervix | Colon | Adv Breast | Adv Cervix | Adv Colon | Adv Breast (%) | Adv Cervix (%) | Adv Colon (%) |
|-----------|---------------|---------------|--------------|--------|--------|-------|------------|------------|-----------|----------------|----------------|---------------|
| 1/15/2018 | 2174.3        | 357.3         | 795.6        | 28.9   | 5.6    | 10.6  | 1.8        | 0.2        | 2.4       | 6.2%           | 3.4%           | 22.5%         |
| 1/22/2018 | 2288.7        | 381.1         | 851.8        | 30.1   | 5.9    | 11.3  | 1.9        | 0.2        | 2.4       | 6.2%           | 3.1%           | 21.5%         |
| 1/29/2018 | 2301.4        | 382.1         | 856.5        | 30.1   | 6.0    | 11.4  | 2.0        | 0.2        | 2.4       | 6.5%           | 3.1%           | 20.7%         |
| 2/5/2018  | 2339.2        | 385.9         | 864.2        | 30.1   | 6.3    | 11.8  | 1.9        | 0.2        | 2.5       | 6.3%           | 3.2%           | 21.2%         |
| 2/12/2018 | 2344.9        | 383.6         | 870.1        | 29.9   | 6.2    | 12.1  | 1.9        | 0.2        | 2.5       | 6.5%           | 3.1%           | 20.6%         |
| 2/19/2018 | 2344.9        | 376.0         | 871.9        | 29.6   | 6.2    | 12.1  | 2.0        | 0.2        | 2.6       | 6.6%           | 3.0%           | 21.5%         |
| 2/26/2018 | 2373.0        | 377.2         | 882.2        | 29.3   | 6.3    | 12.1  | 2.0        | 0.2        | 2.7       | 6.8%           | 3.1%           | 22.2%         |
| 3/5/2018  | 2376.7        | 378.0         | 890.8        | 29.4   | 6.3    | 12.2  | 2.0        | 0.2        | 2.7       | 6.7%           | 3.3%           | 22.1%         |
| 3/12/2018 | 2381.1        | 375.6         | 903.7        | 29.5   | 6.1    | 12.1  | 2.0        | 0.2        | 2.7       | 6.8%           | 3.2%           | 22.3%         |
| 3/19/2018 | 2362.6        | 368.7         | 897.2        | 29.2   | 5.9    | 12.0  | 2.0        | 0.2        | 2.7       | 6.8%           | 3.8%           | 22.9%         |
| 3/26/2018 | 2383.6        | 373.0         | 910.2        | 29.2   | 6.1    | 12.1  | 2.1        | 0.2        | 2.7       | 7.1%           | 3.9%           | 22.3%         |
| 4/2/2018  | 2401.5        | 377.0         | 960.8        | 29.3   | 6.2    | 12.1  | 2.1        | 0.2        | 2.7       | 7.1%           | 3.4%           | 22.5%         |
| 4/9/2018  | 2432.0        | 380.0         | 973.2        | 28.8   | 6.2    | 12.0  | 2.0        | 0.2        | 2.7       | 7.0%           | 2.8%           | 22.2%         |
| 4/16/2018 | 2455.4        | 385.7         | 980.9        | 28.9   | 6.4    | 12.3  | 2.1        | 0.2        | 2.7       | 7.2%           | 3.0%           | 21.8%         |
| 4/23/2018 | 2486.3        | 392.4         | 999.5        | 29.1   | 6.6    | 12.2  | 2.1        | 0.2        | 2.6       | 7.2%           | 3.0%           | 21.3%         |
| 4/30/2018 | 2485.7        | 393.8         | 996.4        | 29.3   | 6.4    | 12.3  | 2.1        | 0.2        | 2.6       | 7.1%           | 3.3%           | 21.0%         |
| 5/7/2018  | 2467.0        | 391.6         | 953.5        | 29.6   | 6.3    | 12.0  | 2.1        | 0.2        | 2.5       | 7.0%           | 3.8%           | 21.0%         |
| 5/14/2018 | 2350.1        | 373.0         | 905.5        | 28.8   | 6.0    | 11.7  | 2.1        | 0.2        | 2.6       | 7.3%           | 4.1%           | 22.5%         |
| 5/21/2018 | 2346.5        | 369.3         | 904.1        | 28.8   | 5.9    | 11.7  | 2.0        | 0.3        | 2.6       | 7.1%           | 4.3%           | 22.4%         |
| 5/28/2018 | 2326.6        | 366.2         | 899.8        | 29.2   | 6.0    | 11.6  | 2.0        | 0.2        | 2.6       | 7.0%           | 3.7%           | 22.1%         |
| 6/4/2018  | 2311.0        | 359.6         | 894.8        | 28.8   | 5.9    | 11.5  | 2.0        | 0.2        | 2.5       | 7.1%           | 3.9%           | 21.8%         |
| 6/11/2018 | 2307.1        | 359.2         | 896.0        | 28.4   | 6.0    | 11.7  | 2.0        | 0.2        | 2.5       | 7.0%           | 4.1%           | 21.2%         |
| 6/18/2018 | 2268.4        | 350.3         | 876.5        | 27.9   | 5.8    | 11.4  | 1.9        | 0.3        | 2.3       | 6.7%           | 4.4%           | 20.4%         |
| 6/25/2018 | 2265.3        | 350.1         | 874.0        | 28.1   | 5.6    | 11.4  | 1.9        | 0.3        | 2.3       | 6.9%           | 4.5%           | 19.8%         |
| 7/2/2018  | 2268.2        | 349.8         | 874.6        | 28.0   | 5.6    | 11.3  | 1.9        | 0.3        | 2.3       | 6.7%           | 4.8%           | 20.2%         |
| 7/9/2018  | 2260.5        | 352.2         | 876.6        | 27.7   | 5.5    | 11.2  | 1.9        | 0.2        | 2.3       | 6.9%           | 4.3%           | 20.7%         |
| 7/16/2018 | 2265.8        | 351.5         | 871.3        | 27.7   | 5.4    | 11.1  | 1.9        | 0.2        | 2.3       | 6.9%           | 3.7%           | 20.7%         |
| 7/23/2018 | 2396.8        | 371.4         | 927.2        | 28.9   | 5.5    | 11.5  | 2.0        | 0.2        | 2.4       | 6.8%           | 3.7%           | 20.9%         |
| 7/30/2018 | 2387.2        | 370.4         | 924.4        | 28.5   | 5.7    | 11.3  | 1.9        | 0.2        | 2.4       | 6.6%           | 3.8%           | 21.0%         |
| 8/6/2018  | 2387.7        | 373.6         | 921.4        | 27.9   | 5.5    | 11.5  | 1.8        | 0.2        | 2.5       | 6.6%           | 3.5%           | 21.8%         |
| 8/13/2018 | 2398.4        | 376.5         | 924.1        | 28.4   | 5.6    | 11.6  | 1.8        | 0.2        | 2.5       | 6.3%           | 3.9%           | 21.2%         |
| 8/20/2018 | 2316.5        | 361.9         | 890.9        | 27.6   | 5.4    | 11.3  | 1.7        | 0.2        | 2.4       | 6.3%           | 4.1%           | 21.5%         |
| 8/27/2018 | 2335.9        | 369.6         | 902.1        | 27.7   | 5.6    | 11.4  | 1.7        | 0.2        | 2.3       | 6.2%           | 4.0%           | 20.6%         |
| 9/3/2018  | 2362.9        | 372.3         | 915.5        | 27.7   | 5.6    | 11.5  | 1.7        | 0.2        | 2.4       | 6.2%           | 3.6%           | 21.2%         |
| 9/10/2018 | 2387.9        | 374.2         | 931.4        | 28.1   | 6.0    | 11.1  | 1.7        | 0.2        | 2.3       | 6.2%           | 3.9%           | 20.7%         |
| 9/17/2018 | 2450.4        | 372.7         | 1010.4       | 28.0   | 6.0    | 11.2  | 1.7        | 0.2        | 2.5       | 6.0%           | 3.4%           | 22.1%         |
| 9/24/2018 | 2600.0        | 387.3         | 1056.9       | 29.0   | 6.4    | 11.6  | 1.8        | 0.2        | 2.6       | 6.2%           | 3.4%           | 22.1%         |

| Week       | Breast Screen | Cervix Screen | Colon Screen | Breast | Cervix | Colon | Adv Breast | Adv Cervix | Adv Colon | Adv Breast (%) | Adv Cervix (%) | Adv Colon (%) |
|------------|---------------|---------------|--------------|--------|--------|-------|------------|------------|-----------|----------------|----------------|---------------|
| 10/1/2018  | 2668.7        | 385.5         | 1064.9       | 29.1   | 6.2    | 11.5  | 1.8        | 0.2        | 2.6       | 6.1%           | 3.5%           | 22.7%         |
| 10/8/2018  | 2743.4        | 388.7         | 1070.8       | 29.0   | 6.3    | 11.3  | 1.7        | 0.2        | 2.5       | 6.0%           | 3.3%           | 22.5%         |
| 10/15/2018 | 2804.1        | 387.5         | 1098.6       | 29.1   | 6.0    | 11.4  | 1.7        | 0.2        | 2.5       | 5.9%           | 3.3%           | 22.3%         |
| 10/22/2018 | 2821.5        | 390.5         | 1036.4       | 28.8   | 6.0    | 11.3  | 1.7        | 0.2        | 2.5       | 6.0%           | 4.0%           | 21.8%         |
| 10/29/2018 | 2812.9        | 389.9         | 1043.8       | 29.0   | 5.8    | 11.2  | 1.7        | 0.3        | 2.4       | 5.8%           | 4.6%           | 21.5%         |
| 11/5/2018  | 2591.1        | 360.6         | 970.1        | 27.2   | 5.5    | 10.6  | 1.7        | 0.2        | 2.3       | 6.4%           | 4.5%           | 21.2%         |
| 11/12/2018 | 2553.2        | 360.7         | 972.1        | 27.8   | 5.4    | 10.8  | 1.8        | 0.3        | 2.3       | 6.3%           | 4.7%           | 21.0%         |
| 11/19/2018 | 2520.9        | 361.0         | 958.5        | 29.4   | 5.4    | 11.2  | 1.9        | 0.2        | 2.3       | 6.4%           | 4.4%           | 20.7%         |
| 11/26/2018 | 2480.4        | 358.9         | 964.1        | 30.9   | 5.4    | 11.3  | 2.0        | 0.2        | 2.3       | 6.3%           | 4.0%           | 20.0%         |
| 12/3/2018  | 2432.1        | 361.0         | 949.1        | 32.2   | 5.6    | 11.6  | 2.0        | 0.2        | 2.3       | 6.2%           | 3.4%           | 19.8%         |
| 12/10/2018 | 2367.6        | 346.0         | 907.0        | 31.6   | 5.5    | 11.4  | 1.9        | 0.2        | 2.3       | 5.9%           | 3.0%           | 20.2%         |
| 12/17/2018 | 2168.0        | 312.4         | 834.0        | 30.4   | 5.0    | 10.9  | 1.7        | 0.2        | 2.3       | 5.7%           | 3.2%           | 21.6%         |
| 12/24/2018 | 2126.9        | 317.3         | 819.0        | 30.0   | 5.1    | 10.9  | 1.7        | 0.2        | 2.3       | 5.7%           | 3.1%           | 21.4%         |
| 12/31/2018 | 2083.9        | 323.9         | 813.0        | 29.9   | 5.1    | 10.8  | 1.6        | 0.2        | 2.3       | 5.4%           | 3.2%           | 21.6%         |
| 1/7/2019   | 2052.1        | 332.1         | 823.6        | 29.1   | 5.1    | 10.6  | 1.6        | 0.2        | 2.4       | 5.6%           | 3.4%           | 22.4%         |
| 1/14/2019  | 2184.0        | 375.7         | 918.5        | 31.9   | 5.8    | 11.7  | 1.8        | 0.2        | 2.5       | 5.7%           | 3.9%           | 21.8%         |
| 1/21/2019  | 2319.2        | 411.3         | 991.7        | 33.2   | 6.3    | 12.4  | 1.9        | 0.2        | 2.5       | 5.6%           | 3.7%           | 20.3%         |
| 1/28/2019  | 2274.5        | 405.0         | 981.2        | 32.4   | 6.2    | 12.2  | 1.9        | 0.2        | 2.5       | 5.8%           | 3.9%           | 20.5%         |
| 2/4/2019   | 2260.1        | 400.9         | 971.9        | 31.3   | 6.1    | 12.3  | 1.9        | 0.2        | 2.6       | 6.0%           | 4.0%           | 20.8%         |
| 2/11/2019  | 2288.0        | 398.6         | 977.5        | 31.0   | 6.2    | 12.2  | 1.9        | 0.3        | 2.5       | 6.1%           | 4.0%           | 20.0%         |
| 2/18/2019  | 2382.2        | 403.2         | 1008.7       | 31.2   | 6.0    | 12.2  | 1.9        | 0.2        | 2.6       | 5.9%           | 4.1%           | 21.1%         |
| 2/25/2019  | 2395.2        | 400.2         | 1006.3       | 31.0   | 6.0    | 11.8  | 1.8        | 0.2        | 2.5       | 5.9%           | 3.7%           | 21.6%         |
| 3/4/2019   | 2443.9        | 404.6         | 1021.5       | 31.3   | 5.8    | 11.7  | 1.8        | 0.2        | 2.5       | 5.8%           | 3.7%           | 21.7%         |
| 3/11/2019  | 2465.1        | 402.3         | 1033.7       | 30.8   | 5.8    | 11.6  | 1.8        | 0.2        | 2.5       | 5.7%           | 3.7%           | 21.2%         |
| 3/18/2019  | 2464.0        | 400.5         | 1041.0       | 31.0   | 5.6    | 11.6  | 1.7        | 0.2        | 2.5       | 5.5%           | 3.9%           | 21.6%         |
| 3/25/2019  | 2444.1        | 402.7         | 1044.9       | 31.1   | 5.9    | 11.6  | 1.7        | 0.2        | 2.4       | 5.6%           | 3.4%           | 20.6%         |
| 4/1/2019   | 2430.8        | 405.4         | 1047.4       | 30.8   | 5.8    | 11.7  | 1.8        | 0.2        | 2.4       | 5.7%           | 3.5%           | 20.8%         |
| 4/8/2019   | 2414.6        | 407.1         | 1045.5       | 30.6   | 6.2    | 11.6  | 1.7        | 0.2        | 2.4       | 5.5%           | 3.4%           | 20.9%         |
| 4/15/2019  | 2414.9        | 414.9         | 1051.8       | 30.8   | 6.5    | 11.6  | 1.7        | 0.2        | 2.5       | 5.4%           | 3.8%           | 21.2%         |
| 4/22/2019  | 2409.5        | 416.1         | 1050.8       | 30.4   | 6.5    | 11.8  | 1.7        | 0.2        | 2.5       | 5.6%           | 3.6%           | 21.1%         |
| 4/29/2019  | 2407.3        | 416.3         | 1045.6       | 30.3   | 6.6    | 11.8  | 1.7        | 0.3        | 2.4       | 5.7%           | 4.2%           | 20.6%         |
| 5/6/2019   | 2401.3        | 417.2         | 1044.1       | 31.3   | 6.7    | 12.2  | 1.7        | 0.3        | 2.5       | 5.5%           | 4.1%           | 20.8%         |
| 5/13/2019  | 2298.0        | 398.8         | 998.9        | 30.5   | 6.4    | 11.9  | 1.7        | 0.3        | 2.5       | 5.6%           | 4.2%           | 21.2%         |
| 5/20/2019  | 2294.9        | 395.0         | 998.0        | 31.0   | 6.3    | 11.5  | 1.8        | 0.2        | 2.5       | 5.7%           | 3.7%           | 21.4%         |
| 5/27/2019  | 2298.0        | 393.6         | 995.3        | 31.8   | 6.3    | 11.5  | 1.8        | 0.3        | 2.5       | 5.7%           | 4.2%           | 21.8%         |
| 6/3/2019   | 2292.6        | 389.3         | 991.0        | 32.7   | 6.0    | 11.7  | 1.8        | 0.2        | 2.5       | 5.5%           | 3.6%           | 21.6%         |
| 6/10/2019  | 2299.6        | 388.4         | 988.2        | 32.7   | 5.9    | 11.4  | 1.8        | 0.2        | 2.4       | 5.5%           | 3.8%           | 20.7%         |
| 6/17/2019  | 2265.9        | 381.7         | 972.8        | 32.5   | 5.7    | 11.2  | 1.9        | 0.2        | 2.4       | 5.8%           | 3.8%           | 21.0%         |
| 6/24/2019  | 2272.2        | 380.6         | 960.7        | 32.9   | 5.6    | 11.7  | 2.0        | 0.2        | 2.4       | 6.1%           | 3.8%           | 20.3%         |
| 7/1/2019   | 2279.6        | 381.1         | 951.0        | 32.6   | 5.7    | 12.0  | 1.8        | 0.2        | 2.4       | 5.7%           | 3.8%           | 20.2%         |

| Week       | Breast Screen | Cervix Screen | Colon Screen | Breast | Cervix | Colon | Adv Breast | Adv Cervix | Adv Colon | Adv Breast (%) | Adv Cervix (%) | Adv Colon (%) |
|------------|---------------|---------------|--------------|--------|--------|-------|------------|------------|-----------|----------------|----------------|---------------|
| 7/8/2019   | 2288.5        | 381.2         | 941.3        | 32.1   | 5.7    | 11.7  | 1.9        | 0.2        | 2.4       | 5.8%           | 3.9%           | 20.7%         |
| 7/15/2019  | 2299.6        | 380.1         | 942.0        | 31.7   | 5.5    | 11.7  | 1.9        | 0.2        | 2.5       | 6.0%           | 3.7%           | 21.2%         |
| 7/22/2019  | 2448.3        | 402.6         | 992.1        | 32.9   | 5.9    | 12.4  | 1.9        | 0.2        | 2.5       | 5.7%           | 3.6%           | 20.3%         |
| 7/29/2019  | 2454.4        | 402.6         | 991.6        | 33.0   | 5.8    | 12.3  | 1.8        | 0.3        | 2.5       | 5.4%           | 4.4%           | 20.6%         |
| 8/5/2019   | 2464.0        | 404.6         | 997.8        | 32.8   | 5.7    | 12.2  | 1.9        | 0.2        | 2.5       | 5.9%           | 4.0%           | 20.8%         |
| 8/12/2019  | 2475.0        | 409.3         | 1016.5       | 33.0   | 5.8    | 12.1  | 2.0        | 0.2        | 2.5       | 6.1%           | 4.1%           | 21.0%         |
| 8/19/2019  | 2394.5        | 390.9         | 989.1        | 32.2   | 5.6    | 11.8  | 1.9        | 0.3        | 2.4       | 5.9%           | 4.9%           | 20.7%         |
| 8/26/2019  | 2424.7        | 393.9         | 1012.1       | 32.3   | 5.7    | 11.8  | 1.9        | 0.3        | 2.4       | 5.8%           | 4.5%           | 20.4%         |
| 9/2/2019   | 2465.3        | 399.0         | 1035.2       | 32.2   | 5.6    | 11.9  | 1.9        | 0.2        | 2.5       | 5.8%           | 4.0%           | 20.9%         |
| 9/9/2019   | 2503.4        | 402.6         | 1058.5       | 32.6   | 5.8    | 11.6  | 1.8        | 0.2        | 2.3       | 5.5%           | 3.7%           | 20.1%         |
| 9/16/2019  | 2612.4        | 402.9         | 1065.7       | 32.5   | 5.8    | 12.0  | 1.8        | 0.2        | 2.4       | 5.4%           | 3.8%           | 20.3%         |
| 9/23/2019  | 2846.1        | 423.3         | 1108.4       | 34.1   | 6.2    | 12.6  | 1.9        | 0.2        | 2.6       | 5.6%           | 3.8%           | 20.6%         |
| 9/30/2019  | 2966.9        | 421.6         | 1103.7       | 34.1   | 6.2    | 12.6  | 2.0        | 0.2        | 2.6       | 5.8%           | 3.9%           | 20.6%         |
| 10/7/2019  | 3092.0        | 421.2         | 1102.6       | 34.1   | 6.4    | 12.4  | 2.0        | 0.3        | 2.6       | 5.8%           | 3.9%           | 20.9%         |
| 10/14/2019 | 3200.7        | 419.8         | 1109.7       | 34.3   | 6.1    | 12.5  | 2.1        | 0.3        | 2.6       | 6.1%           | 4.4%           | 21.2%         |
| 10/21/2019 | 3242.1        | 421.5         | 1106.9       | 34.8   | 6.2    | 12.5  | 2.0        | 0.3        | 2.6       | 5.9%           | 4.7%           | 21.1%         |
| 10/28/2019 | 3220.8        | 424.0         | 1106.9       | 34.7   | 6.1    | 12.4  | 2.0        | 0.2        | 2.5       | 5.8%           | 4.0%           | 20.6%         |
| 11/4/2019  | 3213.0        | 429.4         | 1118.8       | 35.1   | 6.1    | 12.2  | 2.0        | 0.2        | 2.5       | 5.6%           | 4.0%           | 20.3%         |
| 11/11/2019 | 2933.9        | 395.2         | 1060.9       | 32.3   | 5.7    | 11.2  | 1.8        | 0.2        | 2.1       | 5.7%           | 4.4%           | 19.2%         |
| 11/18/2019 | 2899.6        | 392.8         | 1050.6       | 32.6   | 5.8    | 11.4  | 1.8        | 0.2        | 2.2       | 5.4%           | 3.9%           | 19.4%         |
| 11/25/2019 | 2846.5        | 391.6         | 1046.5       | 31.6   | 5.9    | 11.3  | 1.7        | 0.2        | 2.1       | 5.5%           | 4.0%           | 18.7%         |
| 12/2/2019  | 2785.7        | 389.3         | 1032.0       | 31.4   | 5.8    | 11.2  | 1.7        | 0.2        | 2.1       | 5.5%           | 4.3%           | 19.0%         |
| 12/9/2019  | 2455.9        | 336.2         | 896.8        | 27.3   | 5.1    | 10.2  | 1.6        | 0.2        | 2.0       | 5.9%           | 4.7%           | 19.6%         |
| 12/16/2019 | 2462.9        | 332.7         | 865.0        | 27.4   | 5.0    | 10.4  | 1.6        | 0.3        | 2.1       | 5.8%           | 5.0%           | 20.3%         |
| 12/23/2019 | 2421.9        | 335.7         | 852.2        | 27.0   | 4.9    | 10.4  | 1.6        | 0.3        | 2.2       | 6.1%           | 5.7%           | 20.8%         |
| 12/30/2019 | 2394.5        | 336.9         | 851.1        | 27.1   | 4.7    | 10.4  | 1.7        | 0.3        | 2.1       | 6.1%           | 5.6%           | 20.2%         |
| 1/6/2020   | 2391.6        | 343.0         | 862.9        | 27.1   | 4.7    | 10.4  | 1.7        | 0.3        | 2.1       | 6.4%           | 5.9%           | 20.5%         |
| 1/13/2020  | 2640.7        | 399.3         | 990.9        | 30.8   | 5.3    | 11.3  | 2.0        | 0.3        | 2.3       | 6.3%           | 5.3%           | 20.5%         |
| 1/20/2020  | 2804.5        | 438.1         | 1079.5       | 33.1   | 5.9    | 11.9  | 2.1        | 0.3        | 2.5       | 6.3%           | 4.6%           | 21.2%         |
| 1/27/2020  | 2773.6        | 438.6         | 1082.3       | 33.3   | 5.9    | 11.7  | 2.1        | 0.3        | 2.5       | 6.2%           | 4.5%           | 21.7%         |
| 2/3/2020   | 2762.8        | 438.5         | 1078.1       | 33.0   | 5.9    | 11.8  | 2.0        | 0.3        | 2.7       | 6.1%           | 4.3%           | 22.8%         |
| 2/10/2020  | 2758.8        | 435.7         | 1079.7       | 32.4   | 6.0    | 11.8  | 2.0        | 0.2        | 2.7       | 6.2%           | 4.1%           | 23.0%         |
| 2/17/2020  | 2754.8        | 430.0         | 1086.0       | 32.3   | 6.2    | 11.8  | 2.0        | 0.2        | 2.8       | 6.1%           | 3.8%           | 23.8%         |
| 2/24/2020  | 2719.9        | 425.0         | 1066.4       | 31.8   | 6.1    | 11.8  | 2.0        | 0.3        | 2.7       | 6.2%           | 4.1%           | 22.8%         |
| 3/2/2020   | 2428.5        | 376.8         | 948.8        | 30.4   | 5.9    | 11.4  | 1.9        | 0.2        | 2.6       | 6.3%           | 3.4%           | 22.9%         |
| 3/9/2020   | 1962.0        | 305.8         | 784.1        | 29.3   | 5.4    | 10.4  | 1.9        | 0.2        | 2.5       | 6.4%           | 3.9%           | 24.1%         |
| 3/16/2020  | 1479.1        | 231.4         | 616.3        | 27.9   | 4.8    | 9.5   | 1.8        | 0.2        | 2.3       | 6.3%           | 4.0%           | 24.1%         |
| 3/23/2020  | 993.1         | 157.4         | 432.8        | 25.2   | 4.1    | 8.5   | 1.6        | 0.2        | 2.0       | 6.3%           | 5.2%           | 24.0%         |
| 3/30/2020  | 554.9         | 88.3          | 274.1        | 22.7   | 3.6    | 7.5   | 1.5        | 0.2        | 1.9       | 6.5%           | 5.5%           | 25.4%         |
| 4/6/2020   | 401.6         | 64.3          | 227.2        | 20.3   | 3.2    | 7.0   | 1.4        | 0.2        | 1.8       | 6.7%           | 6.5%           | 25.2%         |

| Week       | Breast Screen | Cervix Screen | Colon Screen | Breast | Cervix | Colon | Adv Breast | Adv Cervix | Adv Colon | Adv Breast (%) | Adv Cervix (%) | Adv Colon (%) |
|------------|---------------|---------------|--------------|--------|--------|-------|------------|------------|-----------|----------------|----------------|---------------|
| 4/13/2020  | 438.0         | 66.9          | 237.5        | 18.0   | 3.2    | 6.7   | 1.2        | 0.2        | 1.7       | 6.9%           | 6.4%           | 25.3%         |
| 4/20/2020  | 595.3         | 82.7          | 277.7        | 16.5   | 3.3    | 6.9   | 1.2        | 0.2        | 1.8       | 7.1%           | 7.0%           | 25.9%         |
| 4/27/2020  | 822.4         | 108.8         | 332.3        | 16.2   | 3.6    | 7.2   | 1.2        | 0.3        | 1.8       | 7.4%           | 7.3%           | 25.2%         |
| 5/4/2020   | 1122.6        | 143.4         | 404.5        | 16.3   | 3.9    | 7.6   | 1.2        | 0.3        | 1.9       | 7.6%           | 7.1%           | 25.4%         |
| 5/11/2020  | 1386.8        | 171.9         | 458.5        | 16.4   | 4.1    | 7.7   | 1.2        | 0.3        | 1.9       | 7.5%           | 6.2%           | 24.5%         |
| 5/18/2020  | 1802.3        | 223.7         | 566.1        | 17.9   | 4.5    | 8.5   | 1.3        | 0.3        | 1.9       | 7.5%           | 5.8%           | 22.8%         |
| 5/25/2020  | 2159.7        | 270.6         | 665.4        | 19.3   | 4.6    | 9.1   | 1.4        | 0.2        | 2.1       | 7.4%           | 5.1%           | 23.0%         |
| 6/1/2020   | 2459.0        | 311.8         | 757.3        | 20.9   | 4.6    | 9.6   | 1.5        | 0.2        | 2.2       | 7.4%           | 4.5%           | 22.9%         |
| 6/8/2020   | 2680.5        | 346.4         | 831.3        | 22.5   | 4.7    | 9.9   | 1.6        | 0.2        | 2.3       | 7.0%           | 4.0%           | 23.2%         |
| 6/15/2020  | 2823.7        | 371.4         | 885.1        | 24.0   | 4.7    | 10.7  | 1.7        | 0.2        | 2.5       | 7.0%           | 4.7%           | 23.0%         |
| 6/22/2020  | 2889.7        | 384.5         | 922.2        | 25.0   | 4.6    | 10.9  | 1.7        | 0.2        | 2.5       | 6.9%           | 4.6%           | 22.9%         |
| 6/29/2020  | 2936.0        | 395.6         | 931.2        | 25.8   | 4.6    | 11.1  | 1.7        | 0.2        | 2.5       | 6.7%           | 5.3%           | 22.4%         |
| 7/6/2020   | 2957.6        | 403.8         | 938.8        | 26.4   | 4.8    | 11.4  | 1.8        | 0.3        | 2.5       | 6.6%           | 5.4%           | 22.2%         |
| 7/13/2020  | 2962.3        | 408.3         | 946.4        | 26.6   | 4.9    | 11.6  | 1.8        | 0.3        | 2.4       | 6.8%           | 5.9%           | 20.5%         |
| 7/20/2020  | 3065.7        | 425.4         | 982.0        | 27.8   | 5.2    | 11.7  | 1.8        | 0.3        | 2.5       | 6.6%           | 5.9%           | 21.5%         |
| 7/27/2020  | 3067.0        | 428.3         | 984.3        | 28.5   | 5.3    | 11.7  | 1.8        | 0.3        | 2.5       | 6.3%           | 6.3%           | 21.4%         |
| 8/3/2020   | 3057.4        | 432.9         | 993.7        | 29.1   | 5.4    | 11.4  | 1.8        | 0.3        | 2.4       | 6.2%           | 5.3%           | 21.1%         |
| 8/10/2020  | 3072.3        | 436.4         | 1005.7       | 29.9   | 5.3    | 11.4  | 1.8        | 0.3        | 2.5       | 6.0%           | 5.1%           | 21.7%         |
| 8/17/2020  | 3098.1        | 442.6         | 1034.1       | 30.4   | 5.5    | 11.6  | 1.8        | 0.3        | 2.7       | 6.0%           | 5.1%           | 23.4%         |
| 8/24/2020  | 3024.8        | 426.8         | 1029.0       | 29.6   | 5.3    | 11.5  | 1.6        | 0.2        | 2.7       | 5.5%           | 4.5%           | 23.2%         |
| 8/31/2020  | 3092.0        | 434.9         | 1061.1       | 29.6   | 5.6    | 11.6  | 1.7        | 0.3        | 2.8       | 5.9%           | 4.6%           | 23.7%         |
| 9/7/2020   | 3171.7        | 441.0         | 1101.9       | 30.3   | 5.7    | 12.0  | 1.8        | 0.3        | 2.8       | 6.0%           | 4.7%           | 23.5%         |
| 9/14/2020  | 3258.1        | 446.3         | 1132.2       | 30.6   | 5.8    | 12.1  | 1.9        | 0.3        | 2.8       | 6.1%           | 4.5%           | 23.3%         |
| 9/21/2020  | 3396.8        | 450.9         | 1138.8       | 31.2   | 5.6    | 12.2  | 1.9        | 0.2        | 2.7       | 6.0%           | 4.3%           | 22.1%         |
| 9/28/2020  | 3628.9        | 475.2         | 1193.1       | 33.2   | 5.8    | 12.5  | 2.0        | 0.3        | 2.7       | 6.1%           | 4.8%           | 21.4%         |
| 10/5/2020  | 3722.9        | 477.6         | 1190.4       | 34.0   | 5.6    | 12.5  | 2.0        | 0.2        | 2.6       | 5.8%           | 4.3%           | 21.2%         |
| 10/12/2020 | 3773.1        | 477.6         | 1179.0       | 33.9   | 5.7    | 12.5  | 2.0        | 0.2        | 2.6       | 5.8%           | 4.3%           | 21.0%         |
| 10/19/2020 | 3784.3        | 478.8         | 1171.6       | 34.4   | 5.8    | 12.3  | 2.0        | 0.3        | 2.6       | 5.8%           | 4.5%           | 21.2%         |
| 10/26/2020 | 3725.4        | 477.1         | 1179.9       | 34.6   | 5.9    | 12.4  | 2.0        | 0.3        | 2.7       | 5.7%           | 4.7%           | 21.5%         |
| 11/2/2020  | 3664.9        | 478.1         | 1161.3       | 34.5   | 5.9    | 12.2  | 2.0        | 0.3        | 2.6       | 5.7%           | 4.5%           | 21.2%         |
| 11/9/2020  | 3326.3        | 435.6         | 1063.2       | 31.7   | 5.5    | 11.4  | 1.8        | 0.2        | 2.4       | 5.8%           | 4.5%           | 21.5%         |
| 11/16/2020 | 3247.7        | 428.3         | 1039.5       | 31.9   | 5.6    | 11.1  | 1.8        | 0.3        | 2.4       | 5.7%           | 4.5%           | 21.8%         |
| 11/23/2020 | 3183.2        | 422.6         | 1024.9       | 31.6   | 5.6    | 11.2  | 1.7        | 0.2        | 2.4       | 5.4%           | 4.0%           | 21.2%         |
| 11/30/2020 | 3084.4        | 412.8         | 988.2        | 31.4   | 5.7    | 11.0  | 1.7        | 0.2        | 2.3       | 5.5%           | 3.6%           | 21.3%         |
| 12/7/2020  | 2766.9        | 367.5         | 882.3        | 28.8   | 5.2    | 10.1  | 1.6        | 0.2        | 2.2       | 5.7%           | 3.0%           | 21.9%         |
| 12/14/2020 | 2757.6        | 359.0         | 862.7        | 28.7   | 5.2    | 10.1  | 1.7        | 0.2        | 2.2       | 5.8%           | 3.4%           | 21.4%         |
| 12/21/2020 | 2709.2        | 360.5         | 850.5        | 28.5   | 5.2    | 10.1  | 1.7        | 0.2        | 2.1       | 5.8%           | 2.9%           | 21.3%         |
| 12/28/2020 | 2677.4        | 366.5         | 849.6        | 28.6   | 5.2    | 9.8   | 1.8        | 0.2        | 2.1       | 6.2%           | 2.9%           | 21.8%         |
| 1/4/2021   | 2682.0        | 377.2         | 858.3        | 28.9   | 5.2    | 9.8   | 1.8        | 0.2        | 2.1       | 6.2%           | 3.0%           | 21.2%         |
| 1/11/2021  | 2920.8        | 425.4         | 956.2        | 31.5   | 5.7    | 10.6  | 1.9        | 0.2        | 2.3       | 6.0%           | 3.2%           | 21.5%         |

| Week       | Breast Screen | Cervix Screen | Colon Screen | Breast | Cervix | Colon | Adv Breast | Adv Cervix | Adv Colon | Adv Breast (%) | Adv Cervix (%) | Adv Colon (%) |
|------------|---------------|---------------|--------------|--------|--------|-------|------------|------------|-----------|----------------|----------------|---------------|
| 1/18/2021  | 3085.6        | 473.0         | 1054.3       | 33.9   | 6.0    | 11.3  | 2.0        | 0.2        | 2.5       | 5.8%           | 3.2%           | 22.0%         |
| 1/25/2021  | 3053.6        | 476.7         | 1102.5       | 33.4   | 5.9    | 11.2  | 2.0        | 0.2        | 2.5       | 6.0%           | 3.3%           | 22.5%         |
| 2/1/2021   | 2905.1        | 459.4         | 1072.8       | 31.9   | 5.8    | 10.9  | 1.9        | 0.2        | 2.4       | 5.9%           | 3.5%           | 22.1%         |
| 2/8/2021   | 2926.8        | 466.8         | 1097.1       | 31.0   | 5.8    | 11.0  | 1.8        | 0.2        | 2.5       | 5.7%           | 3.5%           | 23.1%         |
| 2/15/2021  | 2945.7        | 470.2         | 1125.2       | 30.7   | 6.0    | 11.2  | 1.9        | 0.2        | 2.5       | 6.1%           | 3.7%           | 22.5%         |
| 2/22/2021  | 2989.8        | 477.8         | 1162.7       | 30.5   | 6.3    | 11.6  | 1.9        | 0.2        | 2.6       | 6.2%           | 3.5%           | 22.2%         |
| 3/1/2021   | 2991.0        | 479.0         | 1164.3       | 30.5   | 6.2    | 11.8  | 1.8        | 0.2        | 2.6       | 6.0%           | 3.5%           | 22.0%         |
| 3/8/2021   | 3080.9        | 494.4         | 1221.3       | 31.1   | 6.4    | 12.3  | 1.8        | 0.2        | 2.7       | 5.9%           | 3.7%           | 21.8%         |
| 3/15/2021  | 2968.1        | 482.7         | 1221.3       | 30.9   | 6.4    | 12.2  | 1.9        | 0.3        | 2.7       | 6.0%           | 3.9%           | 22.2%         |
| 3/22/2021  | 2862.2        | 469.0         | 1199.3       | 30.1   | 6.2    | 12.1  | 1.7        | 0.3        | 2.8       | 5.8%           | 4.3%           | 23.5%         |
| 3/29/2021  | 2745.1        | 460.1         | 1184.0       | 30.0   | 6.2    | 11.6  | 1.7        | 0.3        | 2.7       | 5.7%           | 4.2%           | 23.3%         |
| 4/5/2021   | 2658.3        | 455.1         | 1164.1       | 29.7   | 6.2    | 11.5  | 1.7        | 0.3        | 2.6       | 5.6%           | 4.4%           | 23.0%         |
| 4/12/2021  | 2587.2        | 448.5         | 1150.4       | 29.4   | 6.1    | 11.4  | 1.8        | 0.3        | 2.7       | 6.0%           | 4.4%           | 23.4%         |
| 4/19/2021  | 2551.0        | 441.2         | 1147.3       | 29.3   | 6.1    | 11.4  | 1.8        | 0.2        | 2.5       | 6.2%           | 4.0%           | 22.3%         |
| 4/26/2021  | 2526.9        | 438.5         | 1141.9       | 29.6   | 6.0    | 11.6  | 1.9        | 0.2        | 2.4       | 6.5%           | 3.3%           | 21.0%         |
| 5/3/2021   | 2556.1        | 433.6         | 1133.0       | 29.0   | 5.8    | 11.9  | 2.0        | 0.2        | 2.5       | 6.8%           | 3.2%           | 21.3%         |
| 5/10/2021  | 2567.0        | 423.7         | 1127.9       | 28.8   | 5.8    | 11.7  | 2.0        | 0.2        | 2.5       | 7.0%           | 3.1%           | 21.7%         |
| 5/17/2021  | 2515.1        | 399.7         | 1086.0       | 27.5   | 5.6    | 11.4  | 2.0        | 0.2        | 2.4       | 7.3%           | 3.3%           | 21.3%         |
| 5/24/2021  | 2594.3        | 397.9         | 1075.9       | 27.6   | 5.5    | 11.4  | 1.9        | 0.2        | 2.4       | 6.9%           | 3.4%           | 21.4%         |
| 5/31/2021  | 2656.8        | 395.9         | 1080.8       | 27.5   | 5.4    | 11.3  | 1.8        | 0.2        | 2.4       | 6.6%           | 4.5%           | 21.6%         |
| 6/7/2021   | 2700.5        | 390.5         | 1077.3       | 27.8   | 5.3    | 11.0  | 1.7        | 0.2        | 2.4       | 6.3%           | 4.5%           | 21.9%         |
| 6/14/2021  | 2749.7        | 390.5         | 1070.7       | 27.9   | 5.0    | 11.2  | 1.7        | 0.2        | 2.5       | 6.1%           | 5.0%           | 22.3%         |
| 6/21/2021  | 2772.1        | 390.2         | 1068.0       | 28.3   | 4.9    | 11.0  | 1.6        | 0.2        | 2.5       | 5.8%           | 5.0%           | 22.7%         |
| 6/28/2021  | 2794.0        | 390.5         | 1073.6       | 28.7   | 4.7    | 11.2  | 1.6        | 0.3        | 2.6       | 5.6%           | 5.4%           | 23.1%         |
| 7/5/2021   | 2837.0        | 389.1         | 1073.5       | 28.6   | 4.6    | 11.1  | 1.6        | 0.2        | 2.6       | 5.7%           | 4.6%           | 23.4%         |
| 7/12/2021  | 2824.8        | 391.1         | 1073.5       | 28.0   | 4.7    | 11.2  | 1.6        | 0.2        | 2.6       | 5.8%           | 4.6%           | 22.8%         |
| 7/19/2021  | 2829.8        | 391.3         | 1081.9       | 27.9   | 4.7    | 11.2  | 1.6        | 0.2        | 2.4       | 5.7%           | 4.7%           | 21.9%         |
| 7/26/2021  | 2919.0        | 407.2         | 1116.0       | 28.7   | 4.9    | 11.4  | 1.6        | 0.2        | 2.4       | 5.4%           | 4.0%           | 21.2%         |
| 8/2/2021   | 2888.6        | 405.5         | 1104.2       | 28.3   | 5.0    | 11.0  | 1.6        | 0.2        | 2.3       | 5.8%           | 3.5%           | 21.2%         |
| 8/9/2021   | 2843.6        | 406.4         | 1109.8       | 28.2   | 5.0    | 10.9  | 1.6        | 0.2        | 2.2       | 5.7%           | 3.6%           | 20.5%         |
| 8/16/2021  | 2828.5        | 407.2         | 1114.2       | 29.2   | 5.2    | 10.9  | 1.7        | 0.2        | 2.3       | 5.7%           | 3.8%           | 21.5%         |
| 8/23/2021  | 2731.9        | 388.8         | 1063.6       | 28.4   | 5.0    | 10.5  | 1.6        | 0.2        | 2.3       | 5.6%           | 3.5%           | 22.1%         |
| 8/30/2021  | 2771.1        | 393.4         | 1072.2       | 28.6   | 5.1    | 10.6  | 1.7        | 0.2        | 2.3       | 5.8%           | 3.6%           | 22.1%         |
| 9/6/2021   | 2814.9        | 394.9         | 1082.7       | 28.8   | 5.0    | 10.5  | 1.7        | 0.2        | 2.3       | 5.8%           | 4.1%           | 21.5%         |
| 9/13/2021  | 2856.6        | 397.3         | 1089.9       | 29.2   | 5.2    | 10.3  | 1.6        | 0.2        | 2.2       | 5.5%           | 4.1%           | 21.7%         |
| 9/20/2021  | 2947.1        | 397.9         | 1093.0       | 28.8   | 5.2    | 10.2  | 1.6        | 0.2        | 2.2       | 5.4%           | 4.1%           | 21.2%         |
| 9/27/2021  | 3115.8        | 417.8         | 1153.2       | 29.7   | 5.5    | 10.5  | 1.7        | 0.2        | 2.2       | 5.6%           | 4.2%           | 20.9%         |
| 10/4/2021  | 3177.1        | 417.8         | 1165.7       | 29.5   | 5.4    | 10.5  | 1.6        | 0.2        | 2.2       | 5.5%           | 4.3%           | 21.1%         |
| 10/11/2021 | 3228.8        | 421.8         | 1176.9       | 29.5   | 5.5    | 10.5  | 1.6        | 0.2        | 2.3       | 5.4%           | 3.8%           | 21.7%         |
| 10/18/2021 | 3254.8        | 423.5         | 1190.1       | 29.3   | 5.4    | 10.7  | 1.6        | 0.2        | 2.3       | 5.6%           | 3.8%           | 21.6%         |

| Week       | Breast Screen | Cervix Screen | Colon Screen | Breast | Cervix | Colon | Adv Breast | Adv Cervix | Adv Colon | Adv Breast (%) | Adv Cervix (%) | Adv Colon (%) |
|------------|---------------|---------------|--------------|--------|--------|-------|------------|------------|-----------|----------------|----------------|---------------|
| 10/25/2021 | 3237.2        | 426.8         | 1202.2       | 29.2   | 5.3    | 10.7  | 1.7        | 0.2        | 2.3       | 5.7%           | 4.2%           | 21.6%         |
| 11/1/2021  | 3224.3        | 432.3         | 1214.5       | 29.8   | 5.2    | 10.7  | 1.6        | 0.2        | 2.3       | 5.5%           | 4.0%           | 21.4%         |
| 11/8/2021  | 2946.1        | 397.9         | 1122.6       | 27.5   | 4.8    | 10.1  | 1.6        | 0.2        | 2.2       | 5.7%           | 4.4%           | 22.0%         |
| 11/15/2021 | 2924.6        | 394.7         | 1125.3       | 27.5   | 5.1    | 10.3  | 1.7        | 0.2        | 2.3       | 6.2%           | 4.5%           | 22.7%         |
| 11/22/2021 | 2866.8        | 392.0         | 1116.1       | 27.1   | 5.0    | 10.4  | 1.7        | 0.2        | 2.3       | 6.2%           | 4.7%           | 22.5%         |
| 11/29/2021 | 2798.7        | 385.5         | 1109.2       | 27.1   | 4.9    | 10.4  | 1.7        | 0.2        | 2.3       | 6.4%           | 4.5%           | 22.4%         |
| 12/6/2021  | 2563.7        | 351.0         | 1014.8       | 25.1   | 4.6    | 9.8   | 1.6        | 0.2        | 2.2       | 6.4%           | 5.1%           | 22.5%         |
| 12/13/2021 | 2540.6        | 342.3         | 989.0        | 25.2   | 4.4    | 9.7   | 1.6        | 0.2        | 2.2       | 6.3%           | 5.0%           | 22.4%         |
| 12/20/2021 | 2383.0        | 327.3         | 950.8        | 24.9   | 3.9    | 9.3   | 1.5        | 0.2        | 2.0       | 5.9%           | 5.3%           | 21.4%         |
| 12/27/2021 | 2313.0        | 318.1         | 925.3        | 24.7   | 3.9    | 8.9   | 1.4        | 0.2        | 2.0       | 5.6%           | 4.4%           | 22.4%         |
| 1/3/2022   | 2231.1        | 307.4         | 891.7        | 24.0   | 3.8    | 8.7   | 1.3        | 0.1        | 1.9       | 5.4%           | 3.6%           | 22.4%         |
| 1/10/2022  | 2364.5        | 334.9         | 966.7        | 25.4   | 4.2    | 9.1   | 1.4        | 0.1        | 2.0       | 5.5%           | 3.2%           | 22.4%         |
| 1/17/2022  | 2481.9        | 368.1         | 1064.6       | 27.1   | 4.6    | 9.6   | 1.5        | 0.2        | 2.1       | 5.6%           | 3.3%           | 22.1%         |
| 1/24/2022  | 2556.1        | 384.6         | 1106.5       | 27.0   | 4.8    | 9.7   | 1.5        | 0.2        | 2.1       | 5.5%           | 3.1%           | 21.8%         |
| 1/31/2022  | 2586.0        | 394.4         | 1137.5       | 27.0   | 4.9    | 9.8   | 1.5        | 0.2        | 2.1       | 5.6%           | 4.1%           | 21.1%         |
| 2/7/2022   | 2635.5        | 405.7         | 1184.3       | 27.3   | 5.1    | 10.0  | 1.6        | 0.2        | 2.1       | 5.8%           | 4.2%           | 20.8%         |
| 2/14/2022  | 2680.3        | 412.8         | 1217.1       | 27.1   | 5.1    | 10.4  | 1.6        | 0.2        | 2.2       | 6.1%           | 4.7%           | 20.9%         |
| 2/21/2022  | 2766.6        | 424.3         | 1264.1       | 27.4   | 5.3    | 10.8  | 1.7        | 0.3        | 2.3       | 6.3%           | 5.1%           | 21.2%         |
| 2/28/2022  | 2763.7        | 420.9         | 1274.7       | 27.1   | 5.3    | 10.9  | 1.8        | 0.3        | 2.3       | 6.5%           | 5.4%           | 21.6%         |
| 3/7/2022   | 2770.0        | 418.9         | 1288.7       | 27.2   | 5.1    | 10.9  | 1.8        | 0.3        | 2.4       | 6.7%           | 5.1%           | 22.0%         |
| 3/14/2022  | 2786.2        | 424.3         | 1305.4       | 27.3   | 5.0    | 11.0  | 1.8        | 0.3        | 2.4       | 6.5%           | 5.3%           | 22.0%         |
| 3/21/2022  | 2757.8        | 421.6         | 1326.4       | 27.2   | 4.9    | 11.1  | 1.7        | 0.2        | 2.4       | 6.2%           | 4.8%           | 21.9%         |
| 3/28/2022  | 2720.6        | 421.4         | 1327.1       | 27.4   | 4.9    | 11.0  | 1.6        | 0.2        | 2.3       | 6.0%           | 4.4%           | 21.0%         |
| 4/4/2022   | 2704.0        | 425.3         | 1336.8       | 27.7   | 5.0    | 11.2  | 1.7        | 0.2        | 2.3       | 6.0%           | 4.1%           | 20.6%         |
| 4/11/2022  | 2690.4        | 429.4         | 1346.0       | 28.0   | 5.2    | 11.7  | 1.7        | 0.2        | 2.3       | 6.2%           | 4.0%           | 20.1%         |
| 4/18/2022  | 2683.0        | 428.6         | 1358.0       | 28.6   | 5.4    | 11.7  | 1.8        | 0.2        | 2.4       | 6.3%           | 3.7%           | 20.4%         |
| 4/25/2022  | 2678.5        | 429.7         | 1343.9       | 29.5   | 5.5    | 11.6  | 1.9        | 0.2        | 2.4       | 6.3%           | 3.7%           | 20.3%         |
| 5/2/2022   | 2694.0        | 430.6         | 1352.7       | 29.5   | 5.5    | 11.8  | 1.8        | 0.2        | 2.4       | 6.1%           | 3.6%           | 20.6%         |
| 5/9/2022   | 2693.2        | 428.0         | 1365.4       | 29.8   | 5.7    | 11.9  | 1.8        | 0.2        | 2.5       | 6.1%           | 3.4%           | 20.9%         |
| 5/16/2022  | 2595.3        | 406.8         | 1343.3       | 28.8   | 5.3    | 11.2  | 1.8        | 0.2        | 2.4       | 6.1%           | 3.7%           | 21.1%         |
| 5/23/2022  | 2632.5        | 407.9         | 1336.2       | 28.6   | 5.4    | 11.2  | 1.8        | 0.2        | 2.3       | 6.3%           | 3.9%           | 20.6%         |
| 5/30/2022  | 2668.9        | 405.1         | 1339.9       | 27.9   | 5.3    | 11.3  | 1.8        | 0.2        | 2.3       | 6.5%           | 4.1%           | 20.0%         |
| 6/6/2022   | 2697.6        | 399.9         | 1323.1       | 27.5   | 5.1    | 11.4  | 1.9        | 0.2        | 2.3       | 6.8%           | 4.7%           | 19.9%         |
| 6/13/2022  | 2642.6        | 388.9         | 1256.7       | 26.4   | 4.7    | 10.8  | 1.8        | 0.2        | 2.1       | 6.7%           | 5.1%           | 19.7%         |