# Supplementary Online Content

**eTable.** Unadjusted Absolute Rates of Screening Recall, Biopsy Recommendation, and Cancer Detection

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable. Unadjusted Absolute Rates of Screening Recall, Biopsy Recommendation, and Cancer Detection**

Values are expressed as absolute rates per 1000 screening examinations (95% confidence intervals).

| | Age, years | BI-RADS Density | Recall Rate | | Biopsy Recommendation Rate | | Total Cancer Detection Rate | | Invasive Cancer Detection Rate | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | DM | DBT | DM | DBT | DM | DBT | DM | DBT |
| Baseline | 40-49 | All | 241 (237, 245) | 212 (204, 220) | 36.1 (34.3, 37.9) | 41.8 (37.8, 45.8) | 3.1 (2.6, 3.7) | 4.6 (3.2, 5.9) | 2.2 (1.7, 2.6) | 3.0 (1.9, 4.1) |
| | 50-59 | | 241 (235, 248) | 202 (190, 215) | 40.8 (37.8, 43.8) | 56.4 (49.1, 63.7) | 6.0 (4.9, 7.2) | 8.1 (5.3, 11.0) | 4.2 (3.3, 5.2) | 6.6 (4.0, 9.1) |
| | 60-79 | | 221 (214, 227) | 171 (158, 184) | 40.8 (37.6, 43.9) | 48.4 (41.2, 55.6) | 10.8 (9.1, 12.4) | 15.4 (11.3, 19.5) | 8.8 (7.3, 10.3) | 13.4 (9.5, 17.2) |
| Subsequent | 40-49 | Almost entirely fat | 58 (55, 62) | 46 (38, 53) | 7.5 (6.1, 8.8) | 8.6 (5.3, 11.9) | 0.5 (0.1, 0.8) | 0.8 (0.0, 2.0) | 0.4 (0.1, 0.7) | 0.4 (0.0, 1.2) |
| | | Scattered fibroglandular density | 104 (102, 106) | 77 (73, 80) | 13.6 (12.9, 14.4) | 11.2 (9.7, 12.6) | 2.3 (2.0, 2.6) | 2.0 (1.3, 2.6) | 1.6 (1.4, 1.9) | 1.6 (1.0, 2.2) |
| | | Heterogeneously dense | 133 (131, 135) | 113 (110, 116) | 17.8 (17.1, 18.5) | 19.7 (18.1, 21.2) | 2.5 (2.2, 2.8) | 3.1 (2.4, 3.7) | 1.6 (1.4, 1.8) | 2.2 (1.7, 2.8) |
| | | Extremely dense | 113 (110, 116) | 117 (110, 123) | 19.0 (17.6, 20.3) | 19.1 (16.4, 21.8) | 2.9 (2.4, 3.5) | 2.8 (1.7, 3.9) | 1.7 (1.3, 2.1) | 1.5 (0.7, 2.2) |
| | 50-59 | Almost entirely fat | 47 (45, 49) | 37 (33, 41) | 9.1 (8.2, 10.1) | 7.4 (5.5, 9.3) | 1.9 (1.5, 2.4) | 1.3 (0.4, 2.2) | 1.4 (1.0, 1.8) | 0.8 (0.1, 1.5) |
| | | Scattered fibroglandular density | 83 (81, 84) | 65 (63, 68) | 13.0 (12.4, 13.5) | 12.8 (11.7, 13.8) | 3.3 (3.0, 3.6) | 3.5 (2.8, 4.1) | 2.4 (2.2, 2.7) | 2.7 (2.2, 3.3) |
| | | Heterogeneously dense | 103 (102, 105) | 88 (86, 91) | 16.9 (16.2, 17.6) | 18.0 (16.7, 19.3) | 3.8 (3.5, 4.1) | 5.3 (4.5, 6.1) | 2.7 (2.4, 2.9) | 4.1 (3.5, 4.8) |
| | | Extremely dense | 92 (89, 95) | 89 (82, 95) | 19.3 (17.7, 20.8) | 16.8 (13.9, 19.7) | 4.1 (3.4, 4.9) | 4.7 (3.0, 6.3) | 2.6 (2.0, 3.2) | 2.9 (1.6, 4.1) |
| | 60-79 | Almost entirely fat | 51 (50, 53) | 37 (34, 40) | 12.6 (11.7, 13.4) | 9.6 (8.0, 11.2) | 4.3 (3.8, 4.8) | 3.5 (2.4, 4.6) | 3.5 (3.0, 3.9) | 3.1 (2.0, 4.1) |
| | | Scattered fibroglandular density | 75 (74, 76) | 58 (56, 60) | 14.4 (13.9, 14.8) | 13.0 (12.1, 13.9) | 5.5 (5.2, 5.8) | 6.5 (5.8, 7.2) | 4.3 (4.0, 4.6) | 5.0 (4.4, 5.6) |
| | | Heterogeneously dense | 88 (87, 90) | 73 (70, 75) | 16.4 (15.7, 17.1) | 17.5 (16.2, 18.8) | 6.1 (5.7, 6.5) | 7.6 (6.6, 8.5) | 4.6 (4.3, 5.0) | 6.1 (5.3, 7.0) |
| | | Extremely dense | 65 (61, 69) | 59 (52, 66) | 12.6 (10.9, 14.3) | 12.2 (9.1, 15.4) | 4.6 (3.5, 5.6) | 4.8 (2.6, 7.0) | 3.0 (2.1, 3.8) | 4.0 (2.1, 6.0) |

Abbreviations: DM=Digital mammography; DBT=Digital breast tomosynthesis; BI-RAD=Breast Imaging Reporting and Data System