

Indices of data quality Breast (C50)

| | Male | | | | Female | | | |
|--------------------------------------------------------|-------|--------|---------|------------|---------|--------|---------|-------------|
| | Cases | MV (%) | DCO (%) | ASR (W) | Cases | MV (%) | DCO (%) | ASR (W) |
| Africa | | | | | | | | |
| *Algeria, Sétif | 37 | 100.0 | 0.0 | 1.4 | 1162 | 99.7 | 0.3 | 44.7 |
| *Algeria, Batna | 14 | 92.9 | – | 0.7 | 613 | 98.0 | – | 25.9 |
| *Kenya, Nairobi | 62 | 74.2 | 8.1 | 2.3 | 1515 | 81.5 | 4.1 | 59.0 |
| Seychelles | 2 | 100.0 | 0.0 | 1.0 | 77 | 89.6 | 2.6 | 35.8 |
| *South Africa, Eastern Cape | 14 | 92.9 | – | 1.0 | 314 | 92.4 | – | 12.7 |
| *Uganda, Kyadondo County | 30 | 43.3 | 0.0 | 2.1 | 623 | 52.8 | 4.0 | 29.1 |
| *Zimbabwe, Harare: African | 15 | 86.7 | 0.0 | 1.8 | 437 | 87.4 | 7.1 | 41.4 |
| America, Central and South, and Caribbean | | | | | | | | |
| Argentina, Chaco | 18 | 66.7 | 0.0 | 0.8 | 1212 | 89.5 | 2.1 | 47.2 |
| Argentina, Entre Rios Province | 16 | 87.5 | 6.2 | 0.7 | 1691 | 92.3 | 5.4 | 62.5 |
| Argentina, Córdoba | 42 | 92.9 | 4.8 | 1.2 | 3750 | 95.7 | 3.9 | 84.0 |
| Argentina, Mendoza | 44 | 93.2 | 6.8 | 0.9 | 3953 | 94.6 | 4.2 | 73.8 |
| Argentina, Tierra del Fuego | 2 | 50.0 | 0.0 | 1.2 | 153 | 99.3 | 0.0 | 51.2 |
| Brazil, Aracaju | 3 | 100.0 | 0.0 | 0.3 | 915 | 99.0 | 0.8 | 58.8 |
| Brazil, Curitiba | 14 | 100.0 | 0.0 | 0.4 | 2528 | 94.7 | 2.9 | 56.5 |
| Brazil, Florianópolis | 1 | 100.0 | 0.0 | 0.1 | 665 | 97.0 | 1.8 | 86.6 |
| *Brazil, Goiânia | 28 | 96.4 | 3.6 | 0.9 | 1876 | 98.7 | 1.1 | 51.4 |
| Brazil, Jau | 3 | 100.0 | 0.0 | 0.8 | 198 | 99.5 | 0.0 | 44.0 |
| Brazil, Pocos de Caldas | 1 | 100.0 | 0.0 | 0.3 | 207 | 98.6 | 1.4 | 53.3 |
| *Chile, Region of Antofagasta | 0 | – | – | – | 278 | 96.0 | 2.2 | 31.7 |
| Chile, Bío Bío Province | 2 | 100.0 | 0.0 | 0.1 | 399 | 94.2 | 1.0 | 32.7 |
| Chile, Concepcion | 5 | 80.0 | 0.0 | 0.3 | 798 | 96.1 | 1.1 | 40.9 |
| *Chile, Valdivia | 4 | 100.0 | 0.0 | 0.4 | 405 | 97.8 | 1.5 | 32.8 |
| Colombia, Cali | 26 | 88.5 | 3.8 | 0.5 | 2972 | 97.0 | 0.2 | 44.5 |
| Colombia, Bucaramanga | 10 | 90.0 | 10.0 | 0.4 | 1295 | 95.4 | 1.4 | 41.3 |
| *Colombia, Manizales | 0 | – | – | – | 489 | 86.9 | 1.2 | 37.2 |
| Colombia, Pasto | 3 | 100.0 | 0.0 | 0.4 | 313 | 95.8 | 1.0 | 27.8 |
| Costa Rica | 38 | 81.6 | 7.9 | 0.4 | 3843 | 90.1 | 1.5 | 42.3 |
| Ecuador, Cuenca | 6 | 100.0 | 0.0 | 0.6 | 311 | 96.1 | 1.0 | 24.5 |
| Ecuador, Guayaquil | 18 | 83.3 | 5.6 | 0.3 | 1751 | 95.1 | 0.6 | 31.7 |
| *Ecuador, Loja | 1 | 100.0 | 0.0 | 0.2 | 82 | 92.7 | 0.0 | 28.3 |
| *Ecuador, Manabi | 8 | 100.0 | 0.0 | 0.3 | 620 | 94.5 | 3.4 | 20.5 |
| Ecuador, Quito | 17 | 94.1 | 5.9 | 0.5 | 1560 | 96.3 | 1.5 | 38.5 |
| *France, Martinique | 18 | 100.0 | – | 1.1 | 1037 | 99.1 | – | 62.5 |
| *French Guiana | 3 | 100.0 | 0.0 | 0.6 | 252 | 85.3 | 0.4 | 52.3 |
| *Jamaica, Kingston and St Andrew | 9 | 100.0 | 0.0 | 0.7 | 670 | 98.4 | 0.0 | 45.7 |
| *Peru, Lima | 21 | 81.0 | 19.0 | 0.2 | 6021 | 85.1 | 6.8 | 40.8 |
| USA, Puerto Rico | 83 | 92.8 | 7.2 | 0.6 | 9205 | 98.0 | 1.4 | 58.7 |
| Uruguay | 96 | 84.4 | 8.3 | 0.8 | 8613 | 96.3 | 0.6 | 65.8 |
| America, North | | | | | | | | |
| *Canada, Alberta | 58 | 98.3 | – | 0.4 | 10711 | 99.2 | – | 80.8 |
| Canada, British Columbia | 118 | 98.3 | 0.8 | 0.6 | 15507 | 98.9 | 0.4 | 79.6 |
| Canada, Manitoba | 34 | 100.0 | 0.0 | 0.7 | 4257 | 98.5 | 0.5 | 83.5 |
| *Canada, New Brunswick | 28 | 96.4 | – | 0.8 | 2793 | 98.6 | – | 78.2 |
| *Canada, Newfoundland and Labrador | 14 | 100.0 | – | 0.6 | 1854 | 97.8 | – | 75.7 |
| *Canada, Northwest Territories | 1 | 100.0 | – | 0.6 | 107 | 100.0 | – | 93.0 |
| *Canada, Nova Scotia | 44 | 95.5 | – | 1.0 | 3737 | 98.1 | – | 84.4 |
| *Canada, Nunavut | 0 | – | – | – | 24 | 100.0 | – | 42.9 |
| *Canada, Ontario | 378 | 76.7 | – | 0.7 | 42799 | 78.2 | – | 78.5 |
| *Canada, Prince Edward Island | 4 | 100.0 | – | 0.6 | 552 | 98.9 | – | 81.8 |
| Canada, Saskatchewan | 31 | 96.8 | 0.0 | 0.7 | 3485 | 98.0 | 0.5 | 79.0 |
| *Canada, Yukon | 1 | 100.0 | – | 0.8 | 95 | 97.9 | – | 80.4 |
| USA | 10126 | 97.9 | 1.5 | 0.9 | 1037287 | 98.3 | 1.1 | 83.8 |
| USA: White | 8434 | 97.9 | 1.5 | 0.8 | 872923 | 98.3 | 1.1 | 84.8 |
| USA: Black | 1360 | 97.4 | 1.9 | 1.2 | 116887 | 98.1 | 1.2 | 83.4 |
| USA, NPCR | 9649 | 97.8 | 1.6 | 0.9 | 985189 | 98.2 | 1.2 | 83.7 |
| USA, NPCR: White | 8012 | 97.9 | 1.5 | 0.8 | 827674 | 98.2 | 1.2 | 84.8 |
| USA, NPCR: Black | 1333 | 97.3 | 2.0 | 1.2 | 115041 | 98.1 | 1.2 | 83.4 |
| USA, NPCR: Asian and Pacific Islander | 213 | 98.1 | 1.4 | 0.5 | 32382 | 99.2 | 0.5 | 60.9 |
| USA, NPCR: American Indian/Alaska Natives | 17 | 100.0 | 0.0 | 0.2 | 3985 | 98.0 | 1.5 | 39.1 |
| USA, SEER (18 registries) | 2386 | 99.1 | 0.4 | 0.8 | 282095 | 98.9 | 0.4 | 85.4 |
| *USA, SEER (18 registries): White | 1917 | 99.1 | 0.4 | 0.8 | 225776 | 98.8 | 0.4 | 87.3 |
| *USA, SEER (18 registries): Non-Hispanic White | 1763 | 99.1 | 0.4 | 0.8 | 198038 | 98.8 | 0.4 | 91.5 |
| *USA, SEER (18 registries): Hispanic White | 154 | 98.7 | 0.6 | 0.4 | 27738 | 99.2 | 0.2 | 66.7 |
| *USA, SEER (18 registries): Black | 313 | 99.0 | 0.3 | 1.1 | 30579 | 98.7 | 0.4 | 85.2 |
| *USA, SEER (18 registries): Asian and Pacific Islander | 130 | 99.2 | 0.8 | 0.5 | 21979 | 99.5 | 0.1 | 68.6 |
| USA, SEER (9 registries) | 848 | 99.2 | 0.4 | 0.8 | 99891 | 99.0 | 0.4 | 88.2 |
| *USA, SEER (9 registries): White | 670 | 99.0 | 0.4 | 0.8 | 78772 | 99.0 | 0.4 | 89.9 |
| *USA, SEER (9 registries): Black | 122 | 100.0 | 0.0 | 1.3 | 10529 | 98.8 | 0.4 | 87.3 |
| USA, Alabama | 132 | 92.4 | 0.8 | 0.7 | 16418 | 96.9 | 2.0 | 82.4 |
| USA, Alabama: White | 94 | 95.7 | 0.0 | 0.7 | 12253 | 97.2 | 2.0 | 80.6 |
| USA, Alabama: Black | 37 | 83.8 | 2.7 | 1.0 | 3945 | 96.0 | 2.0 | 87.2 |
| USA, Alaska | 20 | 100.0 | 0.0 | 0.9 | 1903 | 98.9 | 0.4 | 85.2 |
| USA, Alaska: Alaska Natives | 0 | – | – | – | 297 | 100.0 | 0.0 | 94.4 |
| USA, Arizona | 273 | 98.9 | 0.7 | 1.1 | 19014 | 96.8 | 2.8 | 75.5 |
| USA, Arizona: White | 262 | 99.2 | 0.8 | 1.2 | 17651 | 96.8 | 2.8 | 77.7 |
| USA, Arizona: Black | 6 | 100.0 | 0.0 | 0.9 | 515 | 95.7 | 3.9 | 66.9 |
| USA, Arizona: American Indian | 1 | 100.0 | 0.0 | 0.1 | 288 | 95.1 | 4.9 | 31.2 |
| USA, Arkansas | 106 | 100.0 | 0.0 | 0.9 | 8969 | 98.7 | 0.9 | 74.2 |
| USA, Arkansas: White | 86 | 100.0 | 0.0 | 0.9 | 7652 | 98.6 | 1.0 | 73.6 |
| USA, Arkansas: Black | 18 | 100.0 | 0.0 | 1.4 | 1112 | 98.7 | 0.8 | 74.4 |

*Important. See note on population page.

Indices of data quality Breast (C50) (contd)

| | Male | | | | Female | | | |
|--------------------------------------------------------------|-------|--------|---------|------------|--------|--------|---------|--------------|
| | Cases | MV (%) | DCO (%) | ASR (W) | Cases | MV (%) | DCO (%) | ASR (W) |
| America, North (contd) | | | | | | | | |
| USA, California | 950 | 99.6 | 0.0 | 0.7 | 114534 | 99.0 | 0.3 | 83.5 |
| USA, California: White | 780 | 99.5 | 0.0 | 0.8 | 91089 | 98.9 | 0.3 | 86.4 |
| USA, California: Black | 68 | 100.0 | 0.0 | 0.9 | 7500 | 98.9 | 0.2 | 83.8 |
| USA, California: American Indian | 3 | 100.0 | 0.0 | 0.2 | 526 | 99.0 | 0.0 | 29.1 |
| USA, California, Los Angeles County | 238 | 100.0 | 0.0 | 0.7 | 28403 | 99.1 | 0.2 | 80.0 |
| *USA, California, Los Angeles County: White | 182 | 100.0 | 0.0 | 0.8 | 20484 | 99.1 | 0.2 | 81.7 |
| *USA, California, Los Angeles County: Non-Hispanic White | 149 | 100.0 | 0.0 | 1.0 | 13576 | 98.8 | 0.3 | 101.2 |
| *USA, California, Los Angeles County: Hispanic White | 33 | 100.0 | 0.0 | 0.4 | 6908 | 99.5 | 0.1 | 59.9 |
| *USA, California, Los Angeles County: Black | 33 | 100.0 | 0.0 | 1.1 | 3204 | 98.8 | 0.3 | 85.3 |
| *USA, California, Los Angeles County: Chinese | 3 | 100.0 | 0.0 | 0.2 | 990 | 99.5 | 0.1 | 54.6 |
| *USA, California, Los Angeles County: Filipino | 2 | 100.0 | 0.0 | 0.1 | 1314 | 99.5 | 0.0 | 86.7 |
| *USA, California, Los Angeles County: Korean | 3 | 100.0 | 0.0 | 0.4 | 448 | 99.8 | 0.0 | 49.0 |
| USA, California, San Francisco Bay Area | 123 | 99.2 | 0.0 | 0.7 | 15301 | 99.3 | 0.2 | 87.8 |
| *USA, California, San Francisco Bay Area: White | 89 | 98.9 | 0.0 | 0.8 | 10432 | 99.3 | 0.2 | 92.7 |
| *USA, California, San Francisco Bay Area: Non-Hispanic White | 81 | 98.8 | 0.0 | 0.8 | 9013 | 99.3 | 0.2 | 98.5 |
| *USA, California, San Francisco Bay Area: Hispanic White | 8 | 100.0 | 0.0 | 0.5 | 1419 | 99.4 | 0.0 | 69.0 |
| *USA, California, San Francisco Bay Area: Black | 15 | 100.0 | 0.0 | 1.1 | 1357 | 98.9 | 0.1 | 86.6 |
| *USA, California, San Francisco Bay Area: Chinese | 7 | 100.0 | 0.0 | 0.3 | 1217 | 99.6 | 0.2 | 61.1 |
| *USA, California, San Francisco Bay Area: Filipino | 3 | 100.0 | 0.0 | 0.4 | 956 | 99.7 | 0.0 | 84.9 |
| *USA, California, San Francisco Bay Area: Japanese | 1 | 100.0 | 0.0 | 0.3 | 219 | 98.6 | 0.5 | 77.2 |
| USA, Colorado | 114 | 96.5 | 3.5 | 0.6 | 15842 | 98.0 | 1.5 | 84.8 |
| USA, Colorado: White | 108 | 96.3 | 3.7 | 0.6 | 14734 | 98.0 | 1.6 | 85.3 |
| USA, Colorado: Black | 5 | 100.0 | 0.0 | 0.8 | 491 | 99.0 | 1.0 | 78.7 |
| USA, Connecticut | 142 | 98.6 | 1.4 | 0.9 | 14380 | 99.1 | 0.4 | 93.5 |
| *USA, Connecticut: White | 123 | 98.4 | 1.6 | 0.9 | 12905 | 99.1 | 0.5 | 95.4 |
| *USA, Connecticut: Black | 14 | 100.0 | 0.0 | 1.4 | 1054 | 99.4 | 0.2 | 79.4 |
| USA, Delaware | 28 | 96.4 | 0.0 | 0.8 | 3284 | 98.4 | 0.9 | 85.2 |
| USA, Delaware: White | 22 | 95.5 | 0.0 | 0.7 | 2625 | 98.4 | 0.8 | 86.0 |
| USA, Delaware: Black | 5 | 100.0 | 0.0 | 0.9 | 590 | 98.1 | 1.7 | 84.6 |
| USA, Florida | 867 | 97.8 | 1.6 | 1.0 | 66932 | 98.7 | 0.9 | 77.7 |
| USA, Florida: White | 743 | 97.6 | 1.7 | 1.0 | 58035 | 98.6 | 0.9 | 78.7 |
| USA, Florida: Black | 108 | 99.1 | 0.9 | 1.3 | 7473 | 98.8 | 0.7 | 73.5 |
| USA, Georgia | 264 | 99.2 | 0.4 | 0.8 | 30485 | 98.7 | 0.6 | 85.2 |
| USA, Georgia: White | 176 | 99.4 | 0.6 | 0.7 | 21390 | 98.6 | 0.6 | 85.8 |
| USA, Georgia: Black | 86 | 98.8 | 0.0 | 1.2 | 8439 | 98.8 | 0.5 | 85.4 |
| USA, Georgia, Atlanta | 94 | 100.0 | 0.0 | 1.0 | 10450 | 98.9 | 0.4 | 91.2 |
| *USA, Georgia, Atlanta: White | 53 | 100.0 | 0.0 | 0.9 | 6163 | 98.9 | 0.4 | 95.3 |
| *USA, Georgia, Atlanta: Black | 39 | 100.0 | 0.0 | 1.3 | 3875 | 98.8 | 0.5 | 90.3 |
| USA, Idaho | 48 | 97.9 | 2.1 | 0.8 | 4696 | 98.3 | 1.1 | 80.1 |
| USA, Illinois | 392 | 98.2 | 0.8 | 0.8 | 43623 | 98.5 | 0.7 | 86.2 |
| USA, Illinois: White | 314 | 98.7 | 0.0 | 0.8 | 36144 | 98.5 | 0.7 | 87.4 |
| USA, Illinois: Black | 65 | 95.4 | 4.6 | 1.2 | 5861 | 98.3 | 1.0 | 84.3 |
| USA, Indiana | 195 | 97.4 | 2.1 | 0.8 | 20966 | 98.8 | 0.5 | 81.1 |
| USA, Indiana: White | 171 | 97.7 | 1.8 | 0.8 | 19077 | 98.8 | 0.5 | 81.2 |
| USA, Indiana: Black | 22 | 95.5 | 4.5 | 1.4 | 1647 | 98.6 | 0.7 | 84.2 |
| USA, Iowa | 86 | 97.7 | 0.0 | 0.6 | 10788 | 98.6 | 0.5 | 83.7 |
| USA, Kentucky | 99 | 99.0 | 0.0 | 0.6 | 14915 | 98.5 | 0.2 | 83.7 |
| USA, Louisiana | 128 | 99.2 | 0.0 | 0.8 | 14900 | 98.8 | 0.6 | 83.9 |
| USA, Louisiana: White | 85 | 98.8 | 0.0 | 0.7 | 10359 | 98.8 | 0.6 | 82.8 |
| USA, Louisiana: Black | 43 | 100.0 | 0.0 | 1.1 | 4426 | 98.7 | 0.5 | 89.6 |
| USA, Louisiana, New Orleans | 26 | 96.2 | 0.0 | 0.9 | 2925 | 98.4 | 1.1 | 88.4 |
| *USA, Louisiana, New Orleans: White | 13 | 92.3 | 0.0 | 0.7 | 1761 | 98.2 | 1.2 | 88.0 |
| *USA, Louisiana, New Orleans: Black | 13 | 100.0 | 0.0 | 1.4 | 1128 | 98.5 | 1.0 | 93.9 |
| USA, Maine | 65 | 98.5 | 1.5 | 1.0 | 5280 | 98.8 | 0.6 | 85.6 |
| USA, Maryland | 241 | 97.1 | 2.9 | 1.1 | 20520 | 97.7 | 2.0 | 87.0 |
| USA, Maryland: White | 152 | 98.0 | 2.0 | 1.0 | 13898 | 97.9 | 1.8 | 87.9 |
| USA, Maryland: Black | 78 | 96.2 | 3.8 | 1.7 | 5734 | 97.1 | 2.7 | 87.9 |
| USA, Massachusetts | 208 | 99.0 | 0.5 | 0.8 | 26119 | 98.7 | 1.1 | 94.2 |
| USA, Massachusetts: White | 190 | 98.9 | 0.5 | 0.8 | 24081 | 98.7 | 1.1 | 96.7 |
| USA, Massachusetts: Black | 10 | 100.0 | 0.0 | 0.8 | 1245 | 98.9 | 0.9 | 76.1 |
| USA, Michigan | 379 | 98.7 | 0.8 | 0.9 | 34051 | 98.6 | 1.1 | 82.4 |
| USA, Michigan: White | 300 | 98.3 | 1.0 | 0.8 | 28957 | 98.6 | 1.1 | 82.4 |
| USA, Michigan: Black | 70 | 100.0 | 0.0 | 1.7 | 4304 | 98.5 | 0.9 | 83.2 |
| USA, Michigan, Detroit | 125 | 99.2 | 0.0 | 0.8 | 14392 | 98.8 | 0.6 | 88.1 |
| *USA, Michigan, Detroit: White | 79 | 98.7 | 0.0 | 0.7 | 10637 | 98.8 | 0.6 | 88.7 |
| *USA, Michigan, Detroit: Black | 43 | 100.0 | 0.0 | 1.5 | 3367 | 98.6 | 0.4 | 88.1 |
| USA, Minnesota | 167 | 98.2 | 1.8 | 0.8 | 18494 | 99.2 | 0.8 | 88.5 |
| USA, Mississippi | 69 | 98.6 | 1.4 | 0.6 | 9581 | 98.3 | 1.0 | 81.9 |
| USA, Missouri | 144 | 98.6 | 0.7 | 0.6 | 21199 | 97.8 | 1.6 | 84.9 |
| USA, Missouri: White | 122 | 98.4 | 0.8 | 0.6 | 18710 | 97.8 | 1.6 | 84.6 |
| USA, Missouri: Black | 20 | 100.0 | 0.0 | 1.1 | 2235 | 97.4 | 1.2 | 91.8 |
| USA, Montana | 29 | 100.0 | 0.0 | 0.6 | 3566 | 97.7 | 1.4 | 84.1 |
| USA, Nebraska | 57 | 96.5 | 1.8 | 0.8 | 6076 | 98.0 | 1.5 | 83.7 |
| USA, Nebraska: White | 50 | 96.0 | 2.0 | 0.7 | 5778 | 98.0 | 1.5 | 84.2 |
| USA, Nebraska: Black | 6 | 100.0 | 0.0 | 2.9 | 199 | 99.0 | 0.5 | 84.7 |
| USA, Nevada | 87 | 98.9 | 1.1 | 0.8 | 7615 | 97.4 | 2.4 | 75.0 |
| USA, Nevada: White | 70 | 98.6 | 1.4 | 0.8 | 6364 | 97.3 | 2.4 | 76.7 |
| USA, Nevada: Black | 10 | 100.0 | 0.0 | 1.4 | 545 | 97.2 | 2.4 | 73.2 |
| USA, New Hampshire | 51 | 96.1 | 3.9 | 0.9 | 5168 | 98.7 | 1.0 | 91.4 |
| USA, New Jersey | 313 | 97.4 | 1.9 | 0.9 | 32824 | 98.6 | 0.6 | 89.2 |
| USA, New Jersey: White | 256 | 97.7 | 1.6 | 0.9 | 27013 | 98.6 | 0.6 | 92.2 |
| USA, New Jersey: Black | 41 | 97.6 | 2.4 | 1.2 | 3882 | 98.5 | 0.3 | 81.5 |
| USA, New Mexico | 65 | 98.5 | 1.5 | 0.8 | 6280 | 98.4 | 0.8 | 76.6 |
| *USA, New Mexico: White | 62 | 98.4 | 1.6 | 0.9 | 5796 | 98.4 | 0.8 | 79.7 |
| *USA, New Mexico: Hispanic White | 15 | 93.3 | 6.7 | 0.6 | 1943 | 98.6 | 0.5 | 70.5 |
| *USA, New Mexico: Non-Hispanic White | 47 | 100.0 | 0.0 | 1.0 | 3853 | 98.4 | 0.9 | 85.5 |

*Important. See note on population page.

Indices of data quality Breast (C50) (contd)

| | Male | | | | Female | | | |
|--------------------------------------|-------|--------|---------|---------|--------|--------|---------|---------|
| | Cases | MV (%) | DCO (%) | ASR (W) | Cases | MV (%) | DCO (%) | ASR (W) |
| America, North (contd) | | | | | | | | |
| USA, New York State | 689 | 98.0 | 1.5 | 0.9 | 70228 | 98.8 | 0.7 | 87.3 |
| USA, New York State: White | 560 | 98.4 | 1.1 | 0.9 | 56035 | 98.7 | 0.7 | 91.3 |
| USA, New York State: Black | 101 | 96.0 | 3.0 | 1.1 | 10275 | 98.9 | 0.5 | 78.1 |
| USA, North Carolina | 366 | 97.5 | 0.8 | 1.1 | 33493 | 98.0 | 1.2 | 86.5 |
| USA, North Carolina: White | 273 | 97.4 | 0.7 | 1.0 | 26133 | 98.1 | 1.2 | 87.1 |
| USA, North Carolina: Black | 89 | 97.8 | 1.1 | 1.5 | 6715 | 97.9 | 1.1 | 87.5 |
| USA, North Dakota | 24 | 100.0 | 0.0 | 0.9 | 2256 | 99.0 | 0.5 | 83.9 |
| USA, Ohio | 384 | 96.6 | 3.1 | 0.8 | 40073 | 97.1 | 2.6 | 81.2 |
| USA, Ohio: White | 330 | 96.7 | 3.0 | 0.8 | 35329 | 97.0 | 2.6 | 81.4 |
| USA, Ohio: Black | 48 | 95.8 | 4.2 | 1.1 | 4199 | 97.5 | 2.3 | 81.2 |
| USA, Oklahoma | 137 | 95.6 | 3.6 | 1.0 | 12076 | 96.9 | 2.3 | 79.8 |
| USA, Oklahoma: White | 119 | 95.0 | 4.2 | 1.0 | 10398 | 96.9 | 2.3 | 80.6 |
| USA, Oklahoma: Black | 9 | 100.0 | 0.0 | 1.1 | 814 | 97.3 | 2.2 | 89.5 |
| USA, Oregon | 99 | 98.0 | 2.0 | 0.6 | 13980 | 97.9 | 1.7 | 86.8 |
| USA, Oregon: White | 97 | 97.9 | 2.1 | 0.6 | 13201 | 97.9 | 1.7 | 87.3 |
| USA, Oregon: Black | 1 | 100.0 | 0.0 | 0.3 | 159 | 96.9 | 1.9 | 74.5 |
| USA, Pennsylvania | 557 | 98.7 | 0.5 | 1.0 | 49033 | 98.2 | 1.2 | 86.6 |
| USA, Pennsylvania: White | 489 | 98.6 | 0.6 | 1.0 | 43623 | 98.4 | 1.1 | 86.8 |
| USA, Pennsylvania: Black | 59 | 100.0 | 0.0 | 1.5 | 4402 | 98.5 | 0.9 | 86.3 |
| USA, Rhode Island | 46 | 97.8 | 2.2 | 1.1 | 3989 | 98.7 | 1.0 | 88.4 |
| USA, Rhode Island: White | 45 | 97.8 | 2.2 | 1.2 | 3784 | 98.7 | 1.1 | 91.2 |
| USA, Rhode Island: Black | 1 | 100.0 | 0.0 | 0.4 | 144 | 99.3 | 0.7 | 65.9 |
| USA, South Carolina | 223 | 97.3 | 2.2 | 1.3 | 16541 | 98.0 | 1.7 | 85.3 |
| USA, South Carolina: White | 155 | 96.8 | 3.2 | 1.1 | 12214 | 98.0 | 1.8 | 85.3 |
| USA, South Carolina: Black | 65 | 98.5 | 0.0 | 1.7 | 4163 | 98.0 | 1.6 | 86.1 |
| USA, South Dakota | 23 | 100.0 | 0.0 | 0.6 | 2827 | 98.5 | 0.8 | 86.2 |
| USA, Tennessee | 257 | 97.7 | 1.6 | 1.0 | 21854 | 98.0 | 1.0 | 83.7 |
| USA, Tennessee: White | 215 | 98.6 | 0.5 | 1.0 | 18429 | 98.1 | 1.0 | 83.0 |
| USA, Tennessee: Black | 40 | 92.5 | 7.5 | 1.5 | 3190 | 97.8 | 1.2 | 88.3 |
| USA, Texas | 567 | 97.2 | 2.3 | 0.7 | 68879 | 96.6 | 2.4 | 78.9 |
| USA, Texas: White | 484 | 96.7 | 2.7 | 0.7 | 58907 | 96.7 | 2.4 | 80.0 |
| USA, Texas: Black | 70 | 100.0 | 0.0 | 0.9 | 8165 | 96.3 | 2.7 | 83.3 |
| USA, Utah | 52 | 100.0 | 0.0 | 0.7 | 6264 | 99.2 | 0.2 | 77.1 |
| USA, Vermont | 17 | 100.0 | 0.0 | 0.6 | 2410 | 97.7 | 1.5 | 87.8 |
| USA, Virginia | 276 | 96.7 | 3.3 | 0.9 | 26759 | 98.0 | 1.8 | 84.1 |
| USA, Virginia: White | 204 | 98.0 | 2.0 | 0.9 | 20716 | 98.0 | 1.8 | 85.0 |
| USA, Virginia: Black | 65 | 93.8 | 6.2 | 1.4 | 5038 | 97.6 | 2.0 | 87.0 |
| USA, Washington State | 183 | 98.4 | 1.1 | 0.7 | 23989 | 98.9 | 0.7 | 90.8 |
| USA, Washington, Seattle | 125 | 100.0 | 0.0 | 0.7 | 17051 | 99.1 | 0.3 | 94.4 |
| USA, West Virginia | 84 | 98.8 | 1.2 | 1.0 | 6424 | 98.4 | 0.7 | 76.5 |
| USA, Wisconsin | 232 | 90.1 | 9.5 | 1.0 | 19679 | 98.6 | 1.0 | 84.5 |
| USA, Wisconsin: White | 214 | 89.7 | 9.8 | 1.0 | 18468 | 98.7 | 1.0 | 84.7 |
| USA, Wisconsin: Black | 12 | 91.7 | 8.3 | 1.4 | 841 | 99.4 | 0.4 | 84.3 |
| USA, Wyoming | 26 | 100.0 | 0.0 | 1.2 | 1625 | 99.1 | 0.3 | 75.0 |
| Asia | | | | | | | | |
| Bahrain: Bahraini | 10 | 90.0 | 0.0 | 1.0 | 592 | 98.8 | 0.2 | 50.3 |
| Brunei Darussalam | 0 | | | | 224 | 93.8 | 6.2 | 54.0 |
| China, Anshan City | 23 | 87.0 | 4.3 | 0.4 | 2470 | 96.4 | 1.0 | 39.4 |
| China, Beijing | 90 | 95.6 | 0.0 | 0.2 | 13283 | 96.4 | 0.4 | 40.9 |
| China, Benxi | 9 | 88.9 | 0.0 | 0.4 | 832 | 89.7 | 0.4 | 34.0 |
| China, Cixian County | 0 | | | | 293 | 89.4 | 2.0 | 19.8 |
| China, Guangzhou | 71 | 90.1 | 0.0 | 0.4 | 6063 | 94.6 | 0.2 | 36.0 |
| China, Guanyun | 16 | 100.0 | 0.0 | 0.5 | 623 | 99.4 | 0.0 | 20.4 |
| China, Haimen County | 6 | 83.3 | 0.0 | 0.1 | 947 | 92.9 | 0.2 | 21.5 |
| China, Hangzhou City | 119 | 73.9 | 0.0 | 0.4 | 8227 | 82.5 | 0.1 | 31.8 |
| China, Harbin City, Nangang District | 23 | 95.7 | 0.0 | 0.7 | 1382 | 96.9 | 0.7 | 36.1 |
| China, Hefei | 14 | 57.1 | 21.4 | 0.3 | 930 | 73.1 | 3.8 | 23.6 |
| China, Hengdong | 5 | 80.0 | 0.0 | 0.2 | 327 | 89.6 | 1.8 | 17.8 |
| China, Hong Kong | 80 | 100.0 | 0.0 | 0.3 | 15449 | 99.3 | 0.1 | 52.1 |
| *China, Huaiyin District, Huai'an | 1 | 100.0 | 0.0 | 0.0 | 453 | 88.5 | 3.3 | 19.1 |
| China, Jiangmen | 2 | 100.0 | 0.0 | 0.2 | 455 | 95.6 | 0.0 | 33.4 |
| China, Jianhu County | 1 | 100.0 | 0.0 | 0.1 | 196 | 91.8 | 0.0 | 11.6 |
| China, Jiashan County | 5 | 100.0 | 0.0 | 0.3 | 503 | 96.4 | 0.2 | 30.5 |
| China, Jiaxing City | 6 | 83.3 | 0.0 | 0.3 | 709 | 97.3 | 0.0 | 33.8 |
| China, Lianyungang | 6 | 83.3 | 0.0 | 0.2 | 844 | 88.7 | 0.7 | 27.2 |
| China, Linzhou County | 8 | 75.0 | 0.0 | 0.3 | 778 | 90.4 | 2.2 | 23.9 |
| China, Liuzhou | 6 | 83.3 | 0.0 | 0.2 | 1017 | 90.8 | 0.6 | 37.1 |
| China, Maanshan | 2 | 100.0 | 0.0 | 0.1 | 592 | 91.7 | 0.2 | 28.1 |
| China, Qidong County | 7 | 85.7 | 0.0 | 0.1 | 932 | 94.5 | 0.0 | 18.1 |
| China, Shanghai City | 81 | 91.4 | 0.0 | 0.2 | 12223 | 93.7 | 0.0 | 41.6 |
| China, Shenyang | 49 | 87.8 | 2.0 | 0.3 | 5882 | 89.3 | 0.7 | 38.3 |
| *China, Shexian County | 3 | 100.0 | 0.0 | 0.3 | 190 | 92.6 | 0.0 | 15.2 |
| China, Sheyang | 5 | 100.0 | 0.0 | 0.1 | 679 | 93.8 | 0.0 | 19.1 |
| China, Tongling City | 12 | 75.0 | 8.3 | 1.1 | 327 | 93.0 | 1.2 | 23.0 |
| China, Wuhan City | 60 | 93.3 | 0.0 | 0.3 | 6023 | 94.1 | 0.1 | 33.4 |
| China, Wuxi | 10 | 90.0 | 0.0 | 0.2 | 1583 | 94.9 | 0.3 | 26.6 |
| China, Xianju | 1 | 100.0 | 0.0 | 0.1 | 132 | 90.2 | 3.0 | 12.7 |
| China, Xiping | 6 | 100.0 | 0.0 | 0.4 | 364 | 97.8 | 0.0 | 23.9 |
| China, Yanshi | 2 | 50.0 | 0.0 | 0.2 | 351 | 83.2 | 2.8 | 31.4 |
| China, Yanting County | 3 | 100.0 | 0.0 | 0.2 | 225 | 96.9 | 0.0 | 12.7 |
| China, Yueyanglou | 4 | 100.0 | 0.0 | 0.4 | 316 | 99.7 | 0.0 | 30.6 |
| China, Zhongshan City | 6 | 100.0 | 0.0 | 0.2 | 802 | 98.8 | 0.0 | 26.1 |
| China, Zhuhai | 3 | 100.0 | 0.0 | 0.2 | 673 | 87.5 | 0.9 | 34.8 |

*Important. See note on population page.

Indices of data quality Breast (C50) (contd)

| | Male | | | | Female | | | |
|-----------------------------------------------|-------|--------|---------|------------|--------|--------|---------|--------------|
| | Cases | MV (%) | DCO (%) | ASR (W) | Cases | MV (%) | DCO (%) | ASR (W) |
| Asia (contd) | | | | | | | | |
| *India, Ahmedabad | 11 | 100.0 | 0.0 | 0.4 | 314 | 96.5 | 1.0 | 11.6 |
| *India, Bangalore | 177 | 88.1 | 7.9 | 1.1 | 5577 | 92.4 | 3.7 | 35.1 |
| *India; Barshi, Paranda, and Bhum | 2 | 100.0 | 0.0 | 0.1 | 135 | 94.8 | 0.0 | 11.4 |
| *India, Bhopal | 22 | 100.0 | 0.0 | 0.6 | 1062 | 99.2 | 0.0 | 28.6 |
| *India, Cachar | 21 | 81.0 | 0.0 | 0.6 | 494 | 85.6 | 0.0 | 13.9 |
| *India, Chennai | 57 | 71.9 | 3.5 | 0.5 | 4002 | 87.4 | 1.7 | 33.8 |
| *India, Dindigul, Ambalikkai | 19 | 57.9 | 5.3 | 0.4 | 750 | 85.2 | 2.3 | 13.0 |
| *India, Kamrup Urban District | 13 | 100.0 | 0.0 | 0.6 | 440 | 92.0 | 1.1 | 20.4 |
| *India, Kollam | 26 | 100.0 | 0.0 | 0.3 | 2249 | 97.6 | 0.4 | 26.0 |
| *India, Mizoram | 4 | 50.0 | 25.0 | 0.2 | 324 | 94.1 | 2.5 | 16.0 |
| *India, Mumbai | 172 | 95.3 | 2.9 | 0.6 | 9270 | 92.8 | 4.0 | 32.7 |
| *India, Poona | 86 | 80.2 | 11.6 | 1.0 | 1965 | 93.4 | 4.6 | 22.0 |
| *India, Sikkim State | 10 | 90.0 | 0.0 | 0.9 | 112 | 97.3 | 2.7 | 9.9 |
| *India, Tripura | 12 | 100.0 | 0.0 | 0.3 | 347 | 99.4 | 0.0 | 6.9 |
| *India, Trivandrum | 27 | 74.1 | 0.0 | 0.8 | 1362 | 95.1 | 0.0 | 36.9 |
| *India, Wardha | 5 | 100.0 | 0.0 | 0.2 | 339 | 96.5 | 3.5 | 16.4 |
| Iran (Islamic Republic of), Golestan Province | 12 | 75.0 | 0.0 | 0.6 | 900 | 75.0 | 1.4 | 30.5 |
| Israel | 237 | 92.8 | 3.0 | 1.0 | 19495 | 95.9 | 1.5 | 84.6 |
| *Israel: Jews | 214 | 93.0 | 3.3 | 1.0 | 17022 | 95.7 | 1.6 | 89.1 |
| *Israel: Non-Jews, Arab | 15 | 100.0 | 0.0 | 0.7 | 1542 | 97.3 | 0.5 | 55.6 |
| *Israel: Non-Jews, Other | 8 | 75.0 | 0.0 | 1.2 | 931 | 95.6 | 1.6 | 81.3 |
| Japan, Aichi Prefecture | 116 | 87.9 | 10.3 | 0.3 | 16347 | 96.1 | 2.6 | 53.1 |
| Japan, Fukui Prefecture | 21 | 85.7 | 9.5 | 0.4 | 1837 | 98.4 | 0.4 | 51.7 |
| Japan, Hiroshima Prefecture | 66 | 100.0 | 0.0 | 0.4 | 8280 | 98.0 | 1.1 | 63.9 |
| Japan, Miyagi Prefecture | 28 | 92.9 | 7.1 | 0.3 | 3496 | 96.2 | 2.9 | 58.5 |
| Japan, Nagasaki Prefecture | 15 | 100.0 | 0.0 | 0.2 | 3859 | 97.9 | 0.7 | 56.4 |
| Japan, Niigata Prefecture | 37 | 94.6 | 2.7 | 0.2 | 5833 | 96.6 | 1.7 | 56.3 |
| Japan, Osaka Prefecture | 150 | 90.0 | 7.3 | 0.3 | 21499 | 95.4 | 3.7 | 54.8 |
| Japan, Tochigi Prefecture | 40 | 80.0 | 17.5 | 0.3 | 4663 | 94.7 | 3.7 | 53.6 |
| Japan, Yamagata Prefecture | 16 | 93.8 | 6.2 | 0.2 | 2993 | 96.5 | 1.9 | 56.3 |
| *Jordan: Jordanians | 65 | 98.5 | 0.0 | 0.8 | 4539 | 99.6 | 0.2 | 51.0 |
| Republic of Korea | 349 | 96.6 | 2.6 | 0.2 | 73535 | 98.7 | 0.3 | 41.2 |
| Republic of Korea, Busan | 23 | 95.7 | 4.3 | 0.2 | 5666 | 95.8 | 0.5 | 41.2 |
| Republic of Korea, Daegu | 19 | 94.7 | 5.3 | 0.3 | 3644 | 99.3 | 0.2 | 39.5 |
| Republic of Korea, Daejeon | 10 | 100.0 | 0.0 | 0.2 | 2318 | 99.3 | 0.2 | 45.1 |
| Republic of Korea, Gwangju | 5 | 100.0 | 0.0 | 0.1 | 1881 | 99.5 | 0.2 | 38.6 |
| Republic of Korea, Incheon | 17 | 94.1 | 0.0 | 0.2 | 4214 | 99.5 | 0.1 | 44.3 |
| Republic of Korea, Jeju-do | 1 | 100.0 | 0.0 | 0.1 | 649 | 97.4 | 0.2 | 33.2 |
| Republic of Korea, Seoul | 69 | 98.6 | 1.4 | 0.2 | 17455 | 99.0 | 0.3 | 47.2 |
| Republic of Korea, Ulsan | 8 | 100.0 | 0.0 | 0.3 | 1520 | 98.6 | 0.3 | 39.2 |
| Kuwait | 16 | 100.0 | 0.0 | 0.2 | 2089 | 98.8 | 0.1 | 47.8 |
| Kuwait: Kuwaitis | 5 | 100.0 | 0.0 | 0.3 | 1147 | 99.1 | 0.2 | 58.2 |
| Kuwait: Non-Kuwaitis | 11 | 100.0 | 0.0 | 0.2 | 942 | 98.4 | 0.0 | 41.2 |
| *Malaysia, Penang | 10 | 90.0 | 10.0 | 0.5 | 1217 | 98.8 | 0.2 | 51.7 |
| *Malaysia, Penang: Chinese | 9 | 88.9 | 11.1 | 0.7 | 791 | 99.0 | 0.3 | 61.7 |
| *Malaysia, Penang: Malay | 1 | 100.0 | 0.0 | 0.1 | 287 | 99.3 | 0.0 | 35.0 |
| *Malaysia, Penang: Indian | 0 | | | | 121 | 96.7 | 0.8 | 50.0 |
| *Philippines, Manila | 109 | 60.6 | 3.7 | 1.1 | 7344 | 79.1 | 4.5 | 53.9 |
| *Philippines, Rizal | 88 | 86.4 | 3.4 | 0.8 | 7611 | 90.0 | 3.2 | 49.7 |
| Qatar: Qatari | 2 | 100.0 | 0.0 | 0.4 | 228 | 97.8 | 0.9 | 53.8 |
| *Saudi Arabia, Riyadh: Saudi | 29 | 93.1 | 3.4 | 0.4 | 1944 | 99.1 | 0.4 | 24.5 |
| Thailand, Bangkok | 27 | 63.0 | 0.0 | 0.2 | 4890 | 83.4 | 1.9 | 35.0 |
| Thailand, Chiang Mai | 37 | 94.6 | 0.0 | 0.7 | 1700 | 98.6 | 0.2 | 29.7 |
| Thailand, Chonburi | 15 | 93.3 | 0.0 | 0.7 | 1224 | 90.7 | 0.8 | 37.4 |
| Thailand, Khon Kaen | 4 | 100.0 | 0.0 | 0.1 | 1355 | 94.0 | 0.1 | 22.2 |
| Thailand, Lampang | 7 | 100.0 | 0.0 | 0.2 | 787 | 95.2 | 0.4 | 25.6 |
| *Thailand, Lopburi Province | 22 | 63.6 | 0.0 | 1.2 | 734 | 83.0 | 0.5 | 35.7 |
| Thailand, Songkhla | 5 | 100.0 | 0.0 | 0.1 | 1120 | 96.2 | 1.1 | 24.8 |
| Turkey, Antalya | 24 | 100.0 | 0.0 | 0.5 | 2129 | 99.0 | 0.0 | 39.5 |
| Turkey, Bursa | 49 | 93.9 | 6.1 | 0.7 | 2857 | 97.3 | 0.8 | 37.8 |
| Turkey, Edirne | 9 | 77.8 | 11.1 | 0.7 | 466 | 94.6 | 0.9 | 34.1 |
| Turkey, Erzurum | 4 | 75.0 | 0.0 | 0.4 | 324 | 89.5 | 0.6 | 30.3 |
| Turkey, Eskisehir | 25 | 92.0 | 0.0 | 1.1 | 1109 | 94.1 | 0.8 | 44.8 |
| Turkey, Izmir | 99 | 94.9 | 1.0 | 0.9 | 5844 | 97.3 | 0.3 | 47.3 |
| Turkey, Samsun | 21 | 100.0 | 0.0 | 0.7 | 1304 | 98.3 | 0.1 | 34.8 |
| Turkey, Trabzon | 8 | 87.5 | 0.0 | 0.4 | 800 | 91.4 | 0.2 | 34.3 |
| *Viet Nam, Ho Chi Minh City | 52 | 88.5 | - | 0.5 | 3639 | 90.8 | - | 24.0 |
| Europe | | | | | | | | |
| Austria | 305 | 89.8 | 1.3 | 0.8 | 26362 | 92.7 | 2.4 | 68.1 |
| Austria, Carinthia | 18 | 100.0 | 0.0 | 0.6 | 2068 | 98.3 | 0.7 | 78.1 |
| Austria, Tyrol | 18 | 100.0 | 0.0 | 0.6 | 2345 | 99.1 | 0.1 | 75.9 |
| Austria, Vorarlberg | 8 | 100.0 | 0.0 | 0.5 | 1111 | 99.0 | 0.5 | 69.1 |
| *Belarus | 148 | 100.0 | - | 0.5 | 18504 | 99.3 | - | 44.2 |
| *Belgium | 426 | 99.8 | - | 0.9 | 51362 | 99.8 | - | 109.2 |
| Bulgaria | 232 | 95.3 | 3.9 | 0.7 | 18787 | 96.3 | 1.9 | 54.5 |
| Croatia | 143 | 83.9 | 4.2 | 0.8 | 12885 | 84.1 | 3.7 | 63.2 |
| Cyprus | 27 | 96.3 | 3.7 | 0.9 | 2432 | 95.8 | 4.1 | 78.5 |
| Czech Republic | 265 | 95.1 | 0.8 | 0.6 | 31568 | 96.7 | 0.2 | 65.3 |
| Denmark | 154 | 99.4 | 0.0 | 0.6 | 24587 | 99.5 | 0.1 | 101.3 |
| Estonia | 24 | 100.0 | 0.0 | 0.5 | 3412 | 95.8 | 1.1 | 53.1 |

*Important. See note on population page.

Indices of data quality Breast (C50) (contd)

| | Male | | | | Female | | | |
|----------------------------------|-------|--------|---------|------------|--------|--------|---------|--------------|
| | Cases | MV (%) | DCO (%) | ASR (W) | Cases | MV (%) | DCO (%) | ASR (W) |
| Europe (contd) | | | | | | | | |
| *France, Bas-Rhin | 23 | 100.0 | – | 0.6 | 3473 | 99.7 | – | 96.4 |
| *France, Calvados | 18 | 100.0 | – | 0.6 | 2887 | 98.5 | – | 98.7 |
| *France, Doubs | 16 | 100.0 | – | 0.7 | 1902 | 99.7 | – | 87.6 |
| *France, Gironde | 52 | 100.0 | – | 0.8 | 5928 | 99.1 | – | 96.7 |
| *France, Haut-Rhin | 28 | 100.0 | – | 0.8 | 2983 | 99.7 | – | 92.0 |
| *France, Hérault | 41 | 100.0 | – | 0.7 | 4545 | 99.1 | – | 99.8 |
| *France, Isère | 39 | 100.0 | – | 0.8 | 4745 | 99.4 | – | 97.2 |
| *France, Lille-Métropole | 33 | 100.0 | – | 1.3 | 3297 | 99.2 | – | 115.4 |
| *France, Limousin | 11 | 100.0 | – | 0.6 | 1291 | 99.6 | – | 90.4 |
| *France, Loire-Atlantique | 40 | 100.0 | – | 0.8 | 5307 | 99.5 | – | 101.8 |
| *France, Manche | 16 | 100.0 | – | 0.8 | 1632 | 99.3 | – | 91.2 |
| *France, Somme | 18 | 100.0 | – | 0.8 | 2345 | 99.5 | – | 99.0 |
| *France, Tarn | 16 | 100.0 | – | 0.8 | 1589 | 98.4 | – | 89.4 |
| *France, Territoire de Belfort | 4 | 100.0 | – | 0.6 | 523 | 99.8 | – | 88.6 |
| *France, Vendée | 35 | 100.0 | – | 1.1 | 2742 | 99.9 | – | 97.7 |
| Germany, Bavaria | 426 | 93.0 | 6.8 | 0.7 | 51643 | 93.2 | 6.3 | 85.1 |
| Germany, Bremen | 27 | 100.0 | 0.0 | 0.7 | 2891 | 95.1 | 3.7 | 85.7 |
| Germany, Hamburg | 84 | 92.9 | 7.1 | 1.0 | 8497 | 95.2 | 2.6 | 103.8 |
| Germany, Lower Saxony | 288 | 92.0 | 3.5 | 0.7 | 36928 | 87.6 | 6.5 | 95.0 |
| Germany, Munich | 145 | 93.1 | 6.9 | 0.7 | 19715 | 95.4 | 4.3 | 89.8 |
| *Germany, North Rhine-Westphalia | 766 | 87.2 | 7.3 | 0.9 | 88835 | 90.8 | 7.2 | 101.2 |
| Germany, Rhineland-Palatinate | 129 | 88.4 | 10.1 | 0.6 | 18528 | 91.9 | 7.2 | 92.5 |
| Germany, Saarland | 37 | 97.3 | 2.7 | 0.7 | 4385 | 97.7 | 1.7 | 83.5 |
| *Germany, Schleswig-Holstein | 123 | 91.9 | 8.1 | 0.8 | 15216 | 90.2 | 9.5 | 105.9 |
| Iceland | 10 | 100.0 | 0.0 | 0.9 | 1099 | 99.7 | 0.1 | 97.6 |
| Ireland | 119 | 99.2 | 0.0 | 0.8 | 14034 | 99.2 | 0.1 | 91.5 |
| *Italy, Aosta Valley | 6 | 100.0 | 0.0 | 0.6 | 564 | 97.5 | 0.2 | 90.1 |
| Italy, Barletta | 12 | 100.0 | 0.0 | 1.0 | 953 | 97.3 | 0.6 | 75.5 |
| Italy, Bergamo | 56 | 100.0 | 0.0 | 1.1 | 4326 | 98.2 | 0.7 | 88.1 |
| Italy, Biella | 5 | 100.0 | 0.0 | 0.6 | 1085 | 96.4 | 0.6 | 97.5 |
| Italy, Caserta | 10 | 100.0 | 0.0 | 0.5 | 1447 | 97.5 | 0.6 | 68.9 |
| Italy, Catania, Messina and Enna | 61 | 86.9 | 1.6 | 0.7 | 6677 | 92.2 | 0.9 | 77.9 |
| Italy, Como | 11 | 100.0 | 0.0 | 0.5 | 2072 | 98.2 | 1.0 | 92.2 |
| Italy, Cremona | 7 | 100.0 | 0.0 | 0.8 | 1009 | 96.7 | 0.4 | 93.3 |
| Italy, Ferrara | 13 | 100.0 | 0.0 | 0.7 | 1648 | 97.9 | 0.2 | 101.3 |
| Italy, Florence and Prato | 24 | 100.0 | 0.0 | 0.5 | 3218 | 97.9 | 0.2 | 89.9 |
| Italy, Friuli-Venezia Giulia | 32 | 96.9 | 0.0 | 0.7 | 3805 | 97.6 | 0.4 | 96.5 |
| Italy, Latina | 18 | 88.9 | 0.0 | 0.8 | 1796 | 96.3 | 0.1 | 74.8 |
| Italy, Lecco | 6 | 100.0 | 0.0 | 0.6 | 935 | 94.4 | 0.4 | 96.7 |
| Italy, Lombardy, South, Pavia | 15 | 93.3 | 0.0 | 0.8 | 1638 | 92.8 | 0.4 | 93.5 |
| Italy, Mantua | 18 | 100.0 | 0.0 | 1.2 | 1185 | 94.9 | 0.5 | 98.7 |
| Italy, Milan | 130 | 95.4 | 0.0 | 0.9 | 13622 | 97.6 | 0.6 | 96.6 |
| Italy, Modena | 17 | 100.0 | 0.0 | 0.5 | 3219 | 98.6 | 0.2 | 98.9 |
| Italy, Monza | 37 | 100.0 | 0.0 | 0.8 | 3715 | 97.1 | 0.9 | 91.9 |
| Italy, Naples | 16 | 100.0 | 0.0 | 0.8 | 1494 | 97.9 | 0.8 | 68.9 |
| Italy, Nuoro | 9 | 88.9 | 0.0 | 0.9 | 791 | 96.5 | 0.4 | 77.7 |
| Italy, Palermo | 25 | 92.0 | 4.0 | 0.4 | 3889 | 95.7 | 1.4 | 70.8 |
| Italy, Parma | 22 | 100.0 | 0.0 | 1.1 | 2008 | 98.6 | 0.6 | 92.3 |
| Italy, Piacenza | 11 | 100.0 | 0.0 | 1.0 | 1092 | 98.3 | 0.1 | 93.6 |
| Italy, Ragusa and Caltanissetta | 13 | 92.3 | 0.0 | 0.5 | 1735 | 94.7 | 0.7 | 68.4 |
| Italy, Reggio Emilia | 15 | 100.0 | 0.0 | 0.5 | 2286 | 98.7 | 0.2 | 92.0 |
| Italy, Romagna | 51 | 96.1 | 0.0 | 0.7 | 5912 | 97.8 | 0.3 | 97.2 |
| Italy, Sassari | 23 | 95.7 | 0.0 | 1.2 | 1555 | 96.5 | 0.9 | 86.8 |
| Italy, Sondrio | 5 | 100.0 | 0.0 | 0.4 | 739 | 97.4 | 0.5 | 84.2 |
| Italy, South Tyrol | 10 | 100.0 | 0.0 | 0.7 | 1010 | 99.2 | 0.6 | 73.8 |
| Italy, Syracuse | 18 | 100.0 | 0.0 | 1.1 | 1288 | 96.7 | 1.5 | 72.2 |
| Italy, Taranto | 14 | 100.0 | 0.0 | 0.7 | 1702 | 97.3 | 1.2 | 80.3 |
| Italy, Trento | 14 | 100.0 | 0.0 | 0.9 | 1195 | 97.8 | 0.4 | 81.4 |
| Italy, Turin | 97 | 100.0 | 0.0 | 0.8 | 10118 | 96.4 | 1.6 | 86.8 |
| Italy, Umbria | 28 | 92.9 | 0.0 | 0.7 | 2959 | 97.2 | 0.1 | 85.2 |
| Italy, Varese | 32 | 90.6 | 3.1 | 0.7 | 3907 | 97.8 | 0.6 | 91.4 |
| Italy, Veneto | 63 | 98.4 | 0.0 | 0.8 | 7022 | 98.4 | 0.4 | 93.1 |
| Latvia | 22 | 72.7 | 9.1 | 0.5 | 3385 | 89.1 | 4.0 | 54.4 |
| Lithuania | 70 | 91.4 | 7.1 | 0.6 | 7596 | 91.6 | 3.7 | 52.3 |
| Malta | 10 | 100.0 | 0.0 | 0.6 | 1508 | 97.3 | 1.2 | 81.2 |
| *The Netherlands | 456 | 99.8 | – | 0.6 | 69501 | 99.8 | – | 99.0 |
| Norway | 105 | 100.0 | 0.0 | 0.5 | 14669 | 99.3 | 0.2 | 75.6 |
| Greater Poland | 54 | 98.1 | 0.0 | 0.5 | 7710 | 97.2 | 0.4 | 56.7 |
| Poland, Kielce | 15 | 93.3 | 0.0 | 0.3 | 2311 | 96.6 | 1.0 | 43.4 |
| Poland, Lower Silesia | 51 | 96.1 | 0.0 | 0.5 | 6851 | 98.0 | 0.3 | 55.0 |
| *Poland, Lublin | 40 | 92.5 | – | 0.5 | 4163 | 96.5 | – | 47.1 |
| Poland, Podkarpackie | 40 | 95.0 | 0.0 | 0.5 | 3408 | 94.0 | 1.0 | 41.2 |
| Portugal, Azores | 5 | 100.0 | 0.0 | 0.7 | 493 | 97.6 | 1.0 | 67.1 |
| Russian Federation, Arkhangelsk | 11 | 81.8 | 9.1 | 0.4 | 2163 | 94.0 | 1.6 | 39.3 |
| Russian Federation, Chelyabinsk | 45 | 100.0 | 0.0 | 0.4 | 7453 | 99.7 | 0.3 | 47.6 |
| *Russian Federation, Karelia | 7 | 100.0 | 0.0 | 0.4 | 1328 | 95.1 | 0.5 | 44.7 |
| Russian Federation, Samara | 45 | 93.3 | 2.2 | 0.4 | 7597 | 95.0 | 0.2 | 51.8 |
| Slovakia | 75 | 94.7 | 1.3 | 0.7 | 8100 | 96.6 | 1.7 | 60.4 |
| Slovenia | 61 | 95.1 | 0.0 | 0.7 | 6036 | 98.3 | 0.5 | 65.5 |

*Important. See note on population page.

Indices of data quality Breast (C50) (contd)

| | Male | | | | Female | | | |
|-----------------------------------------------|-------|--------|---------|------------|--------|--------|---------|--------------|
| | Cases | MV (%) | DCO (%) | ASR (W) | Cases | MV (%) | DCO (%) | ASR (W) |
| Europe (contd) | | | | | | | | |
| Spain, Albacete | 7 | 100.0 | 0.0 | 0.7 | 570 | 97.5 | 0.4 | 58.4 |
| Spain, Asturias | 20 | 100.0 | 0.0 | 0.5 | 2057 | 98.4 | 0.7 | 64.2 |
| Spain, Basque Country | 80 | 98.8 | 0.0 | 0.8 | 6978 | 98.7 | 0.4 | 69.7 |
| Spain, Canary Islands | 24 | 91.7 | 4.2 | 0.4 | 3455 | 99.0 | 0.4 | 62.7 |
| Spain, Castellón | 13 | 100.0 | 0.0 | 0.4 | 1442 | 98.8 | 0.1 | 61.0 |
| Spain, Ciudad Real | 5 | 100.0 | 0.0 | 0.3 | 1037 | 97.8 | 0.4 | 60.6 |
| Spain, Cuenca | 7 | 100.0 | 0.0 | 0.5 | 394 | 98.7 | 0.3 | 53.4 |
| Spain, Girona | 20 | 100.0 | 0.0 | 0.7 | 1982 | 98.1 | 0.9 | 66.6 |
| Spain, Granada | 24 | 91.7 | 0.0 | 0.7 | 2213 | 97.9 | 0.6 | 61.7 |
| Spain, La Rioja | 6 | 100.0 | 0.0 | 0.3 | 936 | 98.4 | 0.7 | 67.6 |
| Spain, Mallorca | 22 | 95.5 | 0.0 | 0.8 | 1685 | 97.8 | 0.5 | 63.3 |
| Spain, Murcia | 22 | 100.0 | 0.0 | 0.7 | 2032 | 98.5 | 0.6 | 64.7 |
| Spain, Navarra | 10 | 100.0 | 0.0 | 0.6 | 1058 | 98.2 | 0.6 | 68.8 |
| Spain, Tarragona | 15 | 100.0 | 0.0 | 0.4 | 2270 | 98.1 | 0.4 | 71.8 |
| Switzerland, Fribourg | 5 | 100.0 | 0.0 | 0.4 | 977 | 99.4 | 0.0 | 90.7 |
| Switzerland, Geneva | 16 | 100.0 | 0.0 | 0.9 | 1822 | 99.0 | 0.3 | 91.9 |
| Switzerland, Graubünden and Glarus | 6 | 100.0 | 0.0 | 0.5 | 795 | 98.4 | 0.1 | 72.3 |
| Switzerland, Neuchâtel | 4 | 100.0 | 0.0 | 0.3 | 696 | 99.1 | 0.0 | 87.3 |
| Switzerland, St Gall–Appenzell | 12 | 100.0 | 0.0 | 0.4 | 1694 | 98.6 | 0.0 | 70.8 |
| Switzerland, Ticino | 12 | 100.0 | 0.0 | 0.7 | 1535 | 99.3 | 0.1 | 90.1 |
| Switzerland, Valais | 11 | 100.0 | 0.0 | 0.8 | 1217 | 98.4 | 0.0 | 87.6 |
| Switzerland, Vaud | 19 | 100.0 | 0.0 | 0.6 | 2939 | 98.3 | 0.9 | 96.1 |
| Switzerland, Zurich | 38 | 100.0 | 0.0 | 0.6 | 5092 | 98.5 | 1.0 | 85.1 |
| Ukraine | 691 | 91.9 | 0.0 | 0.4 | 86431 | 92.0 | 0.0 | 41.9 |
| United Kingdom | 1679 | 96.4 | 0.6 | 0.6 | 235789 | 97.4 | 0.6 | 87.4 |
| UK, England | 1427 | 96.4 | 0.6 | 0.6 | 196326 | 97.4 | 0.7 | 87.4 |
| UK, England, East | 187 | 98.4 | 0.0 | 0.6 | 22611 | 98.0 | 0.0 | 88.1 |
| UK, England, East Midlands | 113 | 96.5 | 0.9 | 0.5 | 17527 | 97.1 | 0.8 | 88.6 |
| UK, England, London | 165 | 97.0 | 0.6 | 0.6 | 23203 | 96.3 | 1.1 | 84.2 |
| UK, England, North East | 66 | 97.0 | 0.0 | 0.5 | 9852 | 98.2 | 0.3 | 84.8 |
| UK, England, North West | 202 | 97.0 | 0.5 | 0.6 | 26331 | 96.6 | 1.1 | 86.6 |
| UK, England, South West | 173 | 97.1 | 0.6 | 0.6 | 22578 | 97.2 | 0.8 | 90.2 |
| UK, England, South East | 236 | 93.2 | 0.8 | 0.6 | 34247 | 97.1 | 0.8 | 90.4 |
| UK, England, West Midlands | 155 | 94.2 | 1.9 | 0.6 | 20865 | 98.4 | 0.4 | 87.5 |
| UK, England, Yorkshire and The Humber | 130 | 98.5 | 0.0 | 0.5 | 19112 | 98.2 | 0.4 | 84.7 |
| UK, Northern Ireland | 45 | 97.8 | 0.0 | 0.6 | 6025 | 98.8 | 0.1 | 84.2 |
| UK, Scotland | 131 | 99.2 | 0.0 | 0.5 | 21064 | 98.5 | 0.2 | 87.9 |
| UK, Wales | 76 | 92.1 | 1.3 | 0.5 | 12374 | 96.2 | 0.7 | 87.0 |
| Oceania | | | | | | | | |
| Australia | 588 | 98.6 | 0.9 | 0.7 | 72081 | 98.4 | 0.6 | 86.7 |
| Australian Capital Territory | 8 | 100.0 | 0.0 | 0.7 | 1231 | 98.8 | 0.4 | 98.9 |
| Australia, New South Wales | 214 | 97.2 | 1.9 | 0.7 | 23534 | 98.6 | 0.7 | 86.0 |
| Australia, Northern Territory | 2 | 100.0 | 0.0 | 0.3 | 428 | 99.1 | 0.0 | 73.2 |
| Australia, Northern Territory: Non-Indigenous | 1 | 100.0 | 0.0 | 0.2 | 346 | 98.8 | 0.0 | 75.7 |
| Australia, Northern Territory: Indigenous | 1 | 100.0 | 0.0 | 0.7 | 77 | 100.0 | 0.0 | 62.7 |
| Australia, Queensland | 106 | 99.1 | 0.0 | 0.6 | 14507 | 98.3 | 0.6 | 90.2 |
| South Australia | 50 | 100.0 | 0.0 | 0.7 | 5700 | 97.8 | 0.1 | 85.1 |
| Australia, Tasmania | 8 | 100.0 | 0.0 | 0.4 | 1873 | 98.5 | 0.9 | 89.6 |
| Australia, Victoria | 156 | 99.4 | 0.6 | 0.7 | 17651 | 98.2 | 1.0 | 84.9 |
| Western Australia | 44 | 100.0 | 0.0 | 0.5 | 7157 | 98.8 | 0.2 | 86.3 |
| *New Caledonia | 2 | 100.0 | – | 0.4 | 484 | 99.6 | – | 89.5 |
| New Zealand | 123 | 94.3 | 0.8 | 0.7 | 14203 | 98.1 | 0.9 | 86.6 |
| *New Zealand: Maori | 10 | 90.0 | 0.0 | 0.7 | 1755 | 98.4 | 0.5 | 117.9 |
| *New Zealand: Pacific Islander | 7 | 85.7 | 0.0 | 1.4 | 625 | 96.2 | 0.8 | 99.2 |
| USA, Hawaii | 36 | 100.0 | 0.0 | 0.6 | 4985 | 99.2 | 0.2 | 91.3 |
| *USA, Hawaii: White | 17 | 100.0 | 0.0 | 1.0 | 1359 | 99.3 | 0.2 | 96.1 |
| *USA, Hawaii: Japanese | 3 | 100.0 | 0.0 | 0.3 | 1357 | 99.1 | 0.1 | 105.0 |
| *USA, Hawaii: Chinese | 2 | 100.0 | 0.0 | 0.4 | 274 | 99.6 | 0.0 | 62.7 |
| *USA, Hawaii: Hawaiian | 7 | 100.0 | 0.0 | 0.9 | 896 | 99.3 | 0.2 | 116.8 |
| *USA, Hawaii: Filipino | 4 | 100.0 | 0.0 | 0.5 | 668 | 98.8 | 0.3 | 70.9 |
| *USA, Pacific Islands | 2 | 100.0 | 0.0 | 0.3 | 324 | 92.6 | 4.0 | 42.1 |

*Important. See note on population page.