

2017 Lung Cancer Screening Registry Report from the American College of Radiology

We are pleased to release the 2017 annual State Aggregate report for Lung Cancer Screening Registry. The PDF report contains the following:

- 1. Measures definition**
- 2. Pre-exam measures aggregated by states**
- 3. During-exam measures aggregated by states**
- 4. Post-exam measures aggregated by states**

Currently the Post-exam (outcome) measures provided within this report are limited to the Abnormal Interpretation Rate. Other measures such as Cancer Detection Rate or Positive Predictive Value are not available at the state aggregate level at this time. Some sites may have limited ability to fully capture outcome (tissue diagnoses) data and state performance may be misconstrued.

Aggregate measure data only reported for states where there are 5 or more sites. Less than 5 are indicated as NR (Not reported).

Measure Definitions

Appropriateness of screening by USPSTF criteria

Percent of screening population who are adults aged 55 to 80 years, have a 30 pack-year smoking history, and currently smoke or have quit within the past 15 years.

Smoking cessation offered

Percent of patients who are offered smoking cessation guidance.

Smoking cessation offered among current smokers

Percent of current smokers who are offered smoking cessation guidance.

Radiation exposure Mean CTDIvol - overall, and by BMI category

Mean Volumetric CT Dose Index (CTDIvol) across all screening exams performed, across all screening exams performed on underweight patients (BMI<18.5), across all screening exams performed on normal weight patients (BMI of 18.5-24.9), across all screening exams performed on overweight patients (BMI of 25-29.9), and across all screening exams performed on obese patients (BMI of 30 or more).

Radiation exposure (DLP) - overall, and by BMI category

Mean Dose Length Product (DLP) across all screening exams performed, across all screening exams performed on underweight patients (BMI<18.5), across all screening exams performed on normal weight patients (BMI of 18.5-24.9), across all screening exams performed on overweight patients (BMI of 25-29.9), and across all screening exams performed on obese patients (BMI of 30 or more).

Abnormal Interpretation Rate, all exams

Percent of screening exams that have a Lung-RADS assessment of 3, 4a, 4b, or 4x (and lead to additional imaging or biopsy).

Abnormal Interpretation Rate, at baseline exam

Percent of baseline screening exams that have a Lung-RADS assessment of 3, 4a, 4b, or 4x (and lead to additional imaging or biopsy).

Abnormal Interpretation Rate, at annual exam

Percent of annual screening exams that have a Lung-RADS assessment of 3, 4a, 4b, or 4x (and lead to additional imaging or biopsy).

Lung Cancer Screening Statistics, Pre-Exam Measures – Screening Exams performed in 2017

| | | | | Appropriateness of screening by USPSTF criteria | | Smoking cessation offered | | Smoking cessation offered among current smokers | |
|----------------------|------|--------------|-------------------|---|---------------|---------------------------|---------------|---|---------------|
| Aggregation Level | Year | # Facilities | # Screening Exams | Rate | Num/Den | Rate | Num/Den | Rate | Num/Den |
| Alabama | 2017 | 44 | 5774 | 90.09% | (5202/5774) | 80.55% | (4651/5774) | 83.99% | (3091/3680) |
| Alaska | 2017 | 6 | 386 | 92.23% | (356/386) | 83.42% | (322/386) | 85.9% | (201/234) |
| Arizona | 2017 | 35 | 2318 | 91.85% | (2129/2318) | 87.58% | (2030/2318) | 89.83% | (1219/1357) |
| Arkansas | 2017 | 17 | 1239 | 88.54% | (1097/1239) | 74.33% | (921/1239) | 87.2% | (756/867) |
| California | 2017 | 106 | 9631 | 70.63% | (6802/9631) | 72.16% | (6950/9631) | 79.33% | (4286/5403) |
| Colorado | 2017 | 39 | 3734 | 88.32% | (3298/3734) | 70.59% | (2636/3734) | 78.13% | (1543/1975) |
| Connecticut | 2017 | 45 | 5772 | 83.44% | (4816/5772) | 78.92% | (4555/5772) | 85.25% | (2803/3288) |
| Delaware | 2017 | 17 | 1418 | 92.67% | (1314/1418) | 63.68% | (903/1418) | 73.09% | (633/866) |
| District of Columbia | 2017 | <5 | NR | NR | NR | NR | NR | NR | NR |
| Florida | 2017 | 157 | 14980 | 88.38% | (13239/14980) | 74.27% | (11125/14980) | 80.95% | (6425/7937) |
| Georgia | 2017 | 90 | 9318 | 91.19% | (8497/9318) | 73.25% | (6825/9318) | 81.67% | (4541/5560) |
| Hawaii | 2017 | 9 | 995 | 93.07% | (926/995) | 72.06% | (717/995) | 83.15% | (538/647) |
| Idaho | 2017 | 24 | 2448 | 96.61% | (2365/2448) | 96.12% | (2353/2448) | 97.07% | (1224/1261) |
| Illinois | 2017 | 87 | 12249 | 91.3% | (11183/12249) | 80.3% | (9836/12249) | 84.57% | (6127/7245) |
| Indiana | 2017 | 86 | 7666 | 88.17% | (6759/7666) | 66.79% | (5120/7666) | 77.8% | (3544/4555) |
| Iowa | 2017 | 48 | 4695 | 94.93% | (4457/4695) | 82.47% | (3872/4695) | 92.75% | (2650/2857) |
| Kansas | 2017 | 46 | 3729 | 92.97% | (3467/3729) | 72.89% | (2718/3729) | 76.05% | (1696/2230) |
| Kentucky | 2017 | 83 | 13821 | 95.67% | (13222/13821) | 75.97% | (10500/13821) | 85.36% | (7931/9291) |
| Louisiana | 2017 | 24 | 2412 | 88.35% | (2131/2412) | 75% | (1809/2412) | 94.29% | (1256/1332) |
| Maine | 2017 | 19 | 3265 | 93.63% | (3057/3265) | 75.38% | (2461/3265) | 82.59% | (1603/1941) |
| Maryland | 2017 | 48 | 8810 | 94.12% | (8292/8810) | 85.82% | (7561/8810) | 93.05% | (5033/5409) |
| Massachusetts | 2017 | 55 | 25382 | 90.14% | (22879/25382) | 74.36% | (18873/25382) | 83.81% | (11919/14222) |
| Michigan | 2017 | 118 | 17321 | 91.66% | (15877/17321) | 79.55% | (13779/17321) | 88.17% | (9416/10679) |
| Minnesota | 2017 | 65 | 7269 | 88.77% | (6453/7269) | 60.48% | (4396/7269) | 74.47% | (3145/4223) |
| Mississippi | 2017 | 20 | 2646 | 88.78% | (2349/2646) | 55.1% | (1458/2646) | 65.93% | (1051/1594) |

Lung Cancer Screening Statistics, Pre-Exam Measures – Screening Exams performed in 2017

| | | | | Appropriateness of screening by USPSTF criteria | | Smoking cessation offered | | Smoking cessation offered among current smokers | |
|-------------------|------|--------------|-------------------|---|---------------|---------------------------|---------------|---|---------------|
| Aggregation Level | Year | # Facilities | # Screening Exams | Rate | Num/Den | Rate | Num/Den | Rate | Num/Den |
| Missouri | 2017 | 52 | 7503 | 91.92% | (6897/7503) | 72.56% | (5444/7503) | 81.23% | (3710/4567) |
| Montana | 2017 | 12 | 1260 | 97.14% | (1224/1260) | 92.7% | (1168/1260) | 96.41% | (698/724) |
| Nebraska | 2017 | 31 | 1761 | 93.19% | (1641/1761) | 70.02% | (1233/1761) | 86.41% | (871/1008) |
| Nevada | 2017 | 10 | 805 | 81.24% | (654/805) | 92.3% | (743/805) | 97.67% | (378/387) |
| New Hampshire | 2017 | 19 | 3841 | 96.8% | (3718/3841) | 68.63% | (2636/3841) | 74.21% | (1603/2160) |
| New Jersey | 2017 | 104 | 7469 | 86.61% | (6469/7469) | 69.77% | (5211/7469) | 80.65% | (3272/4057) |
| New Mexico | 2017 | 7 | 708 | 89.27% | (632/708) | 93.93% | (665/708) | 96.85% | (369/381) |
| New York | 2017 | 151 | 17675 | 87.95% | (15546/17675) | 74.03% | (13084/17675) | 84.16% | (8302/9865) |
| North Carolina | 2017 | 119 | 14428 | 88.61% | (12784/14428) | 82.53% | (11908/14428) | 90.14% | (7672/8511) |
| North Dakota | 2017 | 11 | 2199 | 93.77% | (2062/2199) | 69.85% | (1536/2199) | 72.93% | (784/1075) |
| Ohio | 2017 | 128 | 14283 | 93.85% | (13405/14283) | 82.85% | (11834/14283) | 88.01% | (7783/8843) |
| Oklahoma | 2017 | 23 | 1307 | 88.45% | (1156/1307) | 60.21% | (787/1307) | 62.67% | (460/734) |
| Oregon | 2017 | 34 | 5479 | 87.59% | (4799/5479) | 76.69% | (4202/5479) | 85.03% | (2595/3052) |
| Pennsylvania | 2017 | 138 | 19911 | 93.02% | (18522/19911) | 83.15% | (16556/19911) | 90.38% | (10978/12146) |
| Rhode Island | 2017 | 22 | 2428 | 82.04% | (1992/2428) | 64.99% | (1578/2428) | 68.56% | (1038/1514) |
| South Carolina | 2017 | 30 | 4949 | 91.9% | (4548/4949) | 77.59% | (3840/4949) | 81.66% | (2298/2814) |
| South Dakota | 2017 | 20 | 1768 | 95.59% | (1690/1768) | 53.9% | (953/1768) | 62.97% | (619/983) |
| Tennessee | 2017 | 82 | 7953 | 86.52% | (6881/7953) | 74.15% | (5897/7953) | 86.38% | (4149/4803) |
| Texas | 2017 | 144 | 10459 | 80.71% | (8441/10459) | 67.68% | (7079/10459) | 73.96% | (4556/6160) |
| Utah | 2017 | 17 | 309 | 95.47% | (295/309) | 80.26% | (248/309) | 84.88% | (146/172) |
| Vermont | 2017 | 7 | 1966 | 98.07% | (1928/1966) | 64.14% | (1261/1966) | 95.07% | (1003/1055) |
| Virginia | 2017 | 84 | 8987 | 92.57% | (8319/8987) | 82.88% | (7448/8987) | 86.68% | (4588/5293) |
| Washington | 2017 | 51 | 4956 | 91.3% | (4525/4956) | 76.31% | (3782/4956) | 92.05% | (2431/2641) |
| West Virginia | 2017 | 14 | 1450 | 91.17% | (1322/1450) | 62.62% | (908/1450) | 65.14% | (624/958) |
| Wisconsin | 2017 | 76 | 10019 | 85.01% | (8517/10019) | 85.09% | (8525/10019) | 92.03% | (5264/5720) |

Lung Cancer Screening Statistics, Pre-Exam Measures – Screening Exams performed in 2017

| | | | | Appropriateness of screening by USPSTF criteria | | Smoking cessation offered | | Smoking cessation offered among current smokers | |
|-------------------|------|--------------|-------------------|---|-----------------|---------------------------|-----------------|---|-----------------|
| Aggregation Level | Year | # Facilities | # Screening Exams | Rate | Num/Den | Rate | Num/Den | Rate | Num/Den |
| Wyoming | 2017 | <5 | NR | NR | NR | NR | NR | NR | NR |
| LCSR | 2017 | 2682 | 321606 | 89.71% | (288755/321890) | 76.2% | (245274/321890) | 84.36% | (159142/188651) |

Lung Cancer Screening Statistics, During Exam Measures – Screening Exams performed in 2017

| | | | CTDIvol - Mean (mGy) | | | | | DLP - Mean (mGy-cm) | | | | |
|----------------------|--------------|-------------------|----------------------|------------------------|------------------------|----------------------------|---------------------------|---------------------|------------------------|------------------------|----------------------------|---------------------------|
| Aggregation Level | # Facilities | # Screening Exams | Overall | underweight (BMI<18.5) | normal (BMI 18.5-24.9) | overweight (BMI 25.0-29.9) | obese (BMI 30 or greater) | Overall | underweight (BMI<18.5) | normal (BMI 18.5-24.9) | overweight (BMI 25.0-29.9) | obese (BMI 30 or greater) |
| Alabama | 44 | 5774 | 3 | 2.56 | 2.53 | 2.87 | 3.52 | 97.62 | 78.99 | 83.75 | 92.68 | 114.7 |
| Alaska | 6 | 386 | 2.95 | 2.43 | 2.44 | 2.86 | 3.49 | 111.08 | 93.89 | 93.42 | 106.64 | 130.89 |
| Arizona | 35 | 2318 | 2.82 | 2.46 | 2.33 | 2.93 | 3.04 | 87.85 | 112.01 | 75.18 | 86.37 | 100.35 |
| Arkansas | 17 | 1239 | 2.4 | 1.83 | 2.05 | 2.52 | 2.91 | 77.8 | 69.17 | 75.13 | 77.69 | 86.55 |
| California | 106 | 9631 | 3.57 | 3.14 | 2.81 | 3.26 | 4.87 | 101.49 | 102.65 | 87.61 | 99.72 | 115.54 |
| Colorado | 39 | 3734 | 3.5 | 3.45 | 2.95 | 3.67 | 3.82 | 99.2 | 87.52 | 85.26 | 95.35 | 120.33 |
| Connecticut | 45 | 5772 | 3.57 | 2.79 | 3.06 | 3.44 | 4.14 | 96.17 | 73.05 | 77.45 | 89.67 | 117.56 |
| Delaware | 17 | 1418 | 2.73 | 1.77 | 2.58 | 2.34 | 3.17 | 89.86 | 68.18 | 70.37 | 84.78 | 105.3 |
| District of Columbia | <5 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Florida | 157 | 14980 | 3.22 | 2.44 | 2.7 | 3.14 | 3.93 | 96.36 | 79.89 | 82.21 | 95.42 | 113.43 |
| Georgia | 90 | 9318 | 3.48 | 3.02 | 3.09 | 3.47 | 3.91 | 105.81 | 93.88 | 95.36 | 102.82 | 118.31 |
| Hawaii | 9 | 995 | 3.42 | 3.66 | 2.24 | 4.73 | 3.42 | 86.36 | 73.09 | 74.04 | 85.56 | 109.79 |
| Idaho | 24 | 2448 | 3.25 | 1.87 | 2.11 | 2.89 | 4.45 | 104.71 | 71.61 | 75.52 | 96.52 | 133.82 |
| Illinois | 87 | 12249 | 3.8 | 3.32 | 3.32 | 3.8 | 4.32 | 106.09 | 101.88 | 90.61 | 101.09 | 120.52 |
| Indiana | 86 | 7666 | 3.47 | 2.58 | 2.85 | 3.44 | 4.02 | 103.41 | 79.67 | 88.25 | 99.56 | 118.44 |
| Iowa | 48 | 4695 | 4.46 | 3.46 | 3.17 | 4.15 | 5.36 | 95.32 | 60.67 | 69.55 | 87.61 | 117.04 |
| Kansas | 46 | 3729 | 3.91 | 2.22 | 2.84 | 4.18 | 4.6 | 111.47 | 94.67 | 95.61 | 99.03 | 133.78 |
| Kentucky | 83 | 13821 | 2.92 | 2.13 | 2.59 | 2.72 | 3.38 | 90.87 | 70.23 | 79.46 | 88.15 | 103.2 |
| Louisiana | 24 | 2412 | 3.46 | 1.82 | 2.4 | 3.92 | 3.92 | 87.01 | 64.88 | 73.79 | 87.76 | 95.2 |
| Maine | 19 | 3265 | 2.96 | 2.87 | 2.42 | 2.56 | 3.62 | 91.44 | 109.17 | 74.96 | 88.3 | 101.43 |
| Maryland | 48 | 8810 | 3.03 | 2.13 | 2.41 | 3.03 | 3.58 | 98.93 | 78.19 | 81.76 | 95.51 | 117.14 |
| Massachusetts | 55 | 25382 | 2.59 | 2.6 | 1.94 | 2.42 | 3.12 | 86.93 | 82.85 | 68.17 | 81.14 | 101.97 |
| Michigan | 118 | 17321 | 3.29 | 2.68 | 2.63 | 3.27 | 3.81 | 98.28 | 80.52 | 81.44 | 94.68 | 113.77 |
| Minnesota | 65 | 7269 | 3.02 | 1.77 | 2.09 | 2.87 | 3.79 | 93.68 | 62.72 | 72.45 | 87.36 | 114.12 |
| Mississippi | 20 | 2646 | 3.83 | 1.95 | 2.18 | 3.46 | 5.64 | 102.93 | 69.82 | 78.6 | 93.23 | 133.09 |
| Missouri | 52 | 7503 | 3.17 | 2.69 | 2.6 | 3.05 | 3.78 | 91.55 | 67.87 | 78.35 | 86.2 | 107.74 |

Lung Cancer Screening Statistics, During Exam Measures – Screening Exams performed in 2017

| | | | CTDIvol - Mean (mGy) | | | | | DLP - Mean (mGy-cm) | | | | |
|-------------------|--------------|-------------------|----------------------|------------------------|------------------------|----------------------------|---------------------------|---------------------|------------------------|------------------------|----------------------------|---------------------------|
| Aggregation Level | # Facilities | # Screening Exams | Overall | underweight (BMI<18.5) | normal (BMI 18.5-24.9) | overweight (BMI 25.0-29.9) | obese (BMI 30 or greater) | Overall | underweight (BMI<18.5) | normal (BMI 18.5-24.9) | overweight (BMI 25.0-29.9) | obese (BMI 30 or greater) |
| Montana | 12 | 1260 | 2.1 | 1.21 | 1.5 | 1.41 | 3.29 | 60.68 | 41.82 | 49.56 | 54.06 | 76.12 |
| Nebraska | 31 | 1761 | 3.44 | 2.4 | 2.17 | 3.41 | 4.31 | 98.47 | 86.78 | 77.77 | 91.86 | 114.77 |
| Nevada | 10 | 805 | 2.83 | 2.2 | 2.31 | 2.64 | 3.38 | 109.27 | 84.23 | 91.38 | 103.4 | 127.62 |
| New Hampshire | 19 | 3841 | 3.14 | 2.49 | 1.95 | 2.9 | 4.22 | 89.65 | 65.19 | 72.06 | 86.78 | 108.43 |
| New Jersey | 104 | 7469 | 3.32 | 3.54 | 2.5 | 3.45 | 3.73 | 96.59 | 77.01 | 83.87 | 91.37 | 109.73 |
| New Mexico | 7 | 708 | 2.72 | 2.07 | 2.91 | 2.23 | 3.15 | 91.44 | 79.33 | 75.5 | 86.6 | 118.11 |
| New York | 151 | 17675 | 3.17 | 2.74 | 2.46 | 2.99 | 3.94 | 94.97 | 68.9 | 75.65 | 90.67 | 115.69 |
| North Carolina | 119 | 14428 | 3.08 | 2.05 | 2.45 | 2.88 | 3.95 | 101.57 | 76.27 | 77.91 | 94.76 | 131.34 |
| North Dakota | 11 | 2199 | 3.26 | 1.23 | 2.58 | 2.46 | 4.28 | 91.83 | 47.21 | 60.65 | 81.12 | 116.16 |
| Ohio | 128 | 14283 | 3.84 | 2.8 | 3.23 | 3.6 | 4.48 | 99.7 | 87.41 | 85.93 | 96.1 | 112.5 |
| Oklahoma | 23 | 1307 | 3.59 | 2.79 | 3.27 | 3.37 | 4.19 | 123.68 | 336.75 | 108.31 | 111.07 | 130.84 |
| Oregon | 34 | 5479 | 2.99 | 2.53 | 2.31 | 2.79 | 3.75 | 95.74 | 67.34 | 70.75 | 87.94 | 125.15 |
| Pennsylvania | 138 | 19911 | 3.13 | 2.37 | 2.6 | 3.17 | 3.54 | 95.02 | 69.45 | 79.53 | 93.02 | 108.86 |
| Rhode Island | 22 | 2428 | 3.15 | 3.16 | 2.54 | 2.7 | 3.44 | 89.16 | 66.72 | 74.06 | 81.93 | 94.88 |
| South Carolina | 30 | 4949 | 3.61 | 3.47 | 3.25 | 3.34 | 4.22 | 110.86 | 119.07 | 96.59 | 104.22 | 129.16 |
| South Dakota | 20 | 1768 | 3.44 | 2 | 2.23 | 2.86 | 4.73 | 110.24 | 73.14 | 79.95 | 91.83 | 145.78 |
| Tennessee | 82 | 7953 | 3.01 | 2.71 | 2.51 | 2.95 | 3.36 | 96.67 | 78.7 | 82.71 | 92.25 | 106.4 |
| Texas | 144 | 10459 | 3.15 | 2.46 | 2.56 | 2.87 | 3.89 | 103.18 | 80.26 | 82.39 | 101.1 | 124.17 |
| Utah | 17 | 309 | 3.64 | 2.58 | 4.69 | 2.58 | 3.77 | 104.48 | 96.27 | 94.78 | 98.4 | 122.93 |
| Vermont | 7 | 1966 | 2.72 | 1.81 | 2.1 | 2.57 | 3.39 | 104.57 | 73.74 | 85.09 | 99.13 | 126.61 |
| Virginia | 84 | 8987 | 2.79 | 2.58 | 2.26 | 2.97 | 3.12 | 85.17 | 65.99 | 71.03 | 83.92 | 98.87 |
| Washington | 51 | 4956 | 2.59 | 1.79 | 2 | 2.44 | 3.12 | 90.04 | 61.79 | 71.68 | 85.79 | 107.51 |
| West Virginia | 14 | 1450 | 3.42 | 1.75 | 2.35 | 3.67 | 3.96 | 107.02 | 71.97 | 83.91 | 99.31 | 129.5 |
| Wisconsin | 76 | 10019 | 3.91 | 2.62 | 2.84 | 3.46 | 4.72 | 114.05 | 79.3 | 88.36 | 104.41 | 135.9 |
| Wyoming | <5 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| LCSR | 2682 | 321606 | 3.23 | 2.65 | 2.59 | 3.1 | 3.87 | 97.23 | 82.87 | 80.28 | 92.71 | 114.6 |

Lung Cancer Screening Statistics, Post-Exam Measures – Screening Exams performed in 2017

| | | | Abnormal Interpretation Rate, baseline, annual, not indicated (%) | | Abnormal Interpretation Rate, at baseline exam (%) | | Abnormal Interpretation Rate, at annual exam (%) | |
|----------------------|--------------|-------------------|---|--------------|--|--------------|--|--------------|
| Aggregation Level | # Facilities | # Screening Exams | Rate | Num/Den | Rate | Num/Den | Rate | Num/Den |
| Alabama | 44 | 5774 | 17.86% | (1031/5774) | 18.06% | (682/3777) | 16.75% | (304/1815) |
| Alaska | 6 | 386 | 18.65% | (72/386) | 20.24% | (68/336) | 8% | (4/50) |
| Arizona | 35 | 2318 | 19.41% | (450/2318) | 18.84% | (377/2001) | 10.31% | (27/262) |
| Arkansas | 17 | 1239 | 17.27% | (214/1239) | 19.23% | (190/988) | 9.72% | (24/247) |
| California | 106 | 9631 | 16.05% | (1546/9631) | 15.14% | (1024/6765) | 11.88% | (310/2609) |
| Colorado | 39 | 3734 | 18.05% | (674/3734) | 18.74% | (555/2962) | 16.42% | (101/615) |
| Connecticut | 45 | 5772 | 15.92% | (919/5772) | 18.68% | (701/3752) | 9.98% | (199/1994) |
| Delaware | 17 | 1418 | 11.99% | (170/1418) | 13.32% | (120/901) | 11.56% | (26/225) |
| District of Columbia | <5 | NR | NR | NR | NR | NR | NR | NR |
| Florida | 157 | 14980 | 17.66% | (2646/14980) | 18.74% | (2113/11278) | 13.52% | (487/3601) |
| Georgia | 90 | 9318 | 17.19% | (1602/9318) | 17.82% | (1332/7473) | 12.14% | (209/1722) |
| Hawaii | 9 | 995 | 12.06% | (120/995) | 12.47% | (109/874) | 7.63% | (9/118) |
| Idaho | 24 | 2448 | 13.77% | (337/2448) | 15.17% | (260/1714) | 9.24% | (62/671) |
| Illinois | 87 | 12249 | 15.81% | (1936/12249) | 17.72% | (1351/7626) | 11% | (494/4491) |
| Indiana | 86 | 7666 | 20.22% | (1550/7666) | 21.39% | (1385/6475) | 11.9% | (136/1143) |
| Iowa | 48 | 4695 | 16.55% | (777/4695) | 18.5% | (647/3498) | 9.9% | (116/1172) |
| Kansas | 46 | 3729 | 21.51% | (802/3729) | 23.41% | (720/3075) | 11.51% | (67/582) |
| Kentucky | 83 | 13821 | 17.44% | (2411/13821) | 19.04% | (2058/10809) | 10.92% | (320/2931) |
| Louisiana | 24 | 2412 | 17.08% | (412/2412) | 19.15% | (366/1911) | 8.96% | (44/491) |
| Maine | 19 | 3265 | 17.34% | (566/3265) | 17.65% | (455/2578) | 14.8% | (99/669) |
| Maryland | 48 | 8810 | 17.13% | (1509/8810) | 17.68% | (1093/6181) | 15.82% | (414/2617) |
| Massachusetts | 55 | 25382 | 14.77% | (3748/25382) | 17.79% | (2521/14174) | 10.54% | (1170/11105) |
| Michigan | 118 | 17321 | 15.07% | (2610/17321) | 15.91% | (2117/13302) | 11.85% | (463/3906) |
| Minnesota | 65 | 7269 | 14.95% | (1087/7269) | 17.46% | (917/5253) | 8.22% | (163/1982) |

Lung Cancer Screening Statistics, Post-Exam Measures – Screening Exams performed in 2017

| | | | Abnormal Interpretation Rate, baseline, annual, not indicated (%) | | Abnormal Interpretation Rate, at baseline exam (%) | | Abnormal Interpretation Rate, at annual exam (%) | |
|-------------------|--------------|-------------------|---|--------------|--|--------------|--|------------|
| Aggregation Level | # Facilities | # Screening Exams | Rate | Num/Den | Rate | Num/Den | Rate | Num/Den |
| Mississippi | 20 | 2646 | 21.69% | (574/2646) | 24.15% | (476/1971) | 14.03% | (94/670) |
| Missouri | 52 | 7503 | 17.7% | (1328/7503) | 20.4% | (1002/4911) | 12.28% | (289/2353) |
| Montana | 12 | 1260 | 17.46% | (220/1260) | 20.98% | (141/672) | 13.48% | (79/586) |
| Nebraska | 31 | 1761 | 16.81% | (296/1761) | 18.74% | (250/1334) | 10.48% | (44/420) |
| Nevada | 10 | 805 | 15.28% | (123/805) | 16.57% | (118/712) | 5.43% | (5/92) |
| New Hampshire | 19 | 3841 | 15.93% | (612/3841) | 18.04% | (472/2616) | 10.37% | (125/1205) |
| New Jersey | 104 | 7469 | 18.52% | (1383/7469) | 19.37% | (1163/6003) | 13.72% | (189/1378) |
| New Mexico | 7 | 708 | 24.58% | (174/708) | 18.37% | (18/98) | 25.57% | (156/610) |
| New York | 151 | 17675 | 16.01% | (2829/17675) | 18.96% | (2139/11279) | 11.34% | (685/6043) |
| North Carolina | 119 | 14428 | 16.41% | (2368/14428) | 17.3% | (1916/11074) | 12.73% | (410/3222) |
| North Dakota | 11 | 2199 | 14.14% | (311/2199) | 16.17% | (238/1472) | 9.04% | (65/719) |
| Ohio | 128 | 14283 | 16.97% | (2424/14283) | 19.15% | (1962/10247) | 10.33% | (381/3687) |
| Oklahoma | 23 | 1307 | 21.27% | (278/1307) | 26.24% | (211/804) | 13.32% | (67/503) |
| Oregon | 34 | 5479 | 15.28% | (837/5479) | 18.49% | (669/3618) | 8.31% | (142/1709) |
| Pennsylvania | 138 | 19911 | 16.55% | (3295/19911) | 18.26% | (2769/15161) | 10.82% | (491/4538) |
| Rhode Island | 22 | 2428 | 14.99% | (364/2428) | 14.88% | (311/2090) | 10.1% | (29/287) |
| South Carolina | 30 | 4949 | 16.21% | (802/4949) | 17.17% | (672/3913) | 11.78% | (119/1010) |
| South Dakota | 20 | 1768 | 13.74% | (243/1768) | 15.02% | (201/1338) | 9.2% | (39/424) |
| Tennessee | 82 | 7953 | 15.49% | (1232/7953) | 17.45% | (1031/5910) | 8.58% | (155/1806) |
| Texas | 144 | 10459 | 18.36% | (1920/10459) | 19.59% | (1582/8077) | 11.83% | (248/2096) |
| Utah | 17 | 309 | 17.48% | (54/309) | 19.75% | (48/243) | 9.38% | (6/64) |
| Vermont | 7 | 1966 | 12.56% | (247/1966) | 15.54% | (147/946) | 9% | (87/967) |
| Virginia | 84 | 8987 | 18% | (1618/8987) | 19.71% | (1317/6681) | 12.93% | (292/2259) |
| Washington | 51 | 4956 | 14.37% | (712/4956) | 14.94% | (557/3727) | 12.08% | (141/1167) |

Lung Cancer Screening Statistics, Post-Exam Measures – Screening Exams performed in 2017

| | | | Abnormal Interpretation Rate, baseline, annual, not indicated (%) | | Abnormal Interpretation Rate, at baseline exam (%) | | Abnormal Interpretation Rate, at annual exam (%) | |
|-------------------|--------------|-------------------|---|----------------|--|----------------|--|--------------|
| Aggregation Level | # Facilities | # Screening Exams | Rate | Num/Den | Rate | Num/Den | Rate | Num/Den |
| West Virginia | 14 | 1450 | 26.28% | (381/1450) | 26.57% | (373/1404) | 16.67% | (7/42) |
| Wisconsin | 76 | 10019 | 15.4% | (1543/10019) | 16.72% | (1329/7950) | 9.55% | (195/2041) |
| Wyoming | <5 | NR | NR | NR | NR | NR | NR | NR |
| LCSR | 2682 | 321606 | 16.61% | (53456/321890) | 18.22% | (42362/232552) | 11.52% | (9797/85053) |