| Characteristic | Low-risk, N = 1,2741 | High-risk, N = 7,3331 | p-value2 |
| --- | --- | --- | --- |
| **Year** |  |  | 0.4 |
| 2010 | 2 (0.2%) | 21 (0.3%) |  |
| 2011 | 2 (0.2%) | 12 (0.2%) |  |
| 2012 | 2 (0.2%) | 21 (0.3%) |  |
| 2013 | 9 (0.7%) | 20 (0.3%) |  |
| 2014 | 5 (0.4%) | 44 (0.6%) |  |
| 2015 | 33 (2.6%) | 185 (2.5%) |  |
| 2016 | 585 (46%) | 3,410 (47%) |  |
| 2017 | 636 (50%) | 3,620 (49%) |  |
| **Age** |  |  | 0.6 |
| 50-60 | 171 (13%) | 1,099 (15%) |  |
| 60-70 | 443 (35%) | 2,514 (34%) |  |
| 70-80 | 504 (40%) | 2,813 (38%) |  |
| Above 80 | 129 (10%) | 767 (10%) |  |
| Below 50 | 27 (2.1%) | 140 (1.9%) |  |
| **Gender** |  |  | 0.5 |
| Female | 694 (54%) | 3,915 (53%) |  |
| Male | 580 (46%) | 3,418 (47%) |  |
| **Race** |  |  | 0.068 |
| Black | 99 (7.8%) | 643 (8.8%) |  |
| Other | 46 (3.6%) | 333 (4.5%) |  |
| Unknown | 13 (1.0%) | 41 (0.6%) |  |
| White | 1,116 (88%) | 6,316 (86%) |  |
| **Spanish Origin** |  |  | 0.058 |
| Hispanic | 45 (3.5%) | 227 (3.1%) |  |
| Non-Hispanic | 1,199 (94%) | 6,996 (95%) |  |
| Unkown | 30 (2.4%) | 110 (1.5%) |  |
| **Insurance Status** |  |  | 0.2 |
| Medicaid | 54 (4.2%) | 405 (5.5%) |  |
| Medicare | 858 (67%) | 4,970 (68%) |  |
| Not Insured | 11 (0.9%) | 84 (1.1%) |  |
| Other Government | 20 (1.6%) | 102 (1.4%) |  |
| Private | 313 (25%) | 1,703 (23%) |  |
| Unknown | 18 (1.4%) | 69 (0.9%) |  |
| **Median Income Quartiles** |  |  | 0.5 |
| $30,000 - $34,999 | 214 (17%) | 1,351 (18%) |  |
| $35,000 - $45,999 | 344 (27%) | 1,992 (27%) |  |
| < $30,000 | 161 (13%) | 943 (13%) |  |
| >=$46,000 | 555 (44%) | 3,047 (42%) |  |
| **No High School Degree** |  |  | 0.8 |
| < 14.0% | 456 (36%) | 2,597 (35%) |  |
| >=29.0% | 203 (16%) | 1,201 (16%) |  |
| 14.0%-19.9% | 320 (25%) | 1,904 (26%) |  |
| 20.0% - 28.9% | 295 (23%) | 1,631 (22%) |  |
| **Urban/Rural** |  |  | 0.2 |
| Metro | 1,015 (80%) | 5,906 (81%) |  |
| Rural | 39 (3.1%) | 165 (2.3%) |  |
| Urban | 220 (17%) | 1,262 (17%) |  |
| **Median Income Quartiles 2012** |  |  | 0.032 |
| $38,000 - $47,999 | 267 (21%) | 1,712 (23%) |  |
| $48,000 - $62,999 | 379 (30%) | 1,917 (26%) |  |
| < $38,000 | 213 (17%) | 1,184 (16%) |  |
| >=$63,000 | 415 (33%) | 2,520 (34%) |  |
| **No High School Degree 2012** |  |  | 0.3 |
| < 7.0% | 294 (23%) | 1,799 (25%) |  |
| >=21.0% | 191 (15%) | 1,177 (16%) |  |
| 13.0% - 20.9% | 346 (27%) | 1,840 (25%) |  |
| 7.0%-12.9% | 443 (35%) | 2,517 (34%) |  |
| **Urban/Rural 2013** |  |  | 0.2 |
| Metro | 1,038 (81%) | 6,071 (83%) |  |
| Rural | 40 (3.1%) | 173 (2.4%) |  |
| Urban | 196 (15%) | 1,089 (15%) |  |
| **Great Circle Distance** | 59 (210) | 87 (295) | 0.4 |
| **Charlson-Deyo Score** |  |  | <0.001 |
| 0 | 772 (61%) | 3,910 (53%) |  |
| 1 | 294 (23%) | 1,935 (26%) |  |
| 2 | 119 (9.3%) | 844 (12%) |  |
| 3 | 89 (7.0%) | 644 (8.8%) |  |
| **Tumor Size** |  |  | <0.001 |
| <=1cm | 0 (0%) | 122 (1.7%) |  |
| 1cm-2cm | 0 (0%) | 1,249 (17%) |  |
| 2cm-3cm | 0 (0%) | 1,133 (15%) |  |
| 3cm-4cm | 1,274 (100%) | 3,085 (42%) |  |
| 4cm-5cm | 0 (0%) | 1,744 (24%) |  |
| **Pathology** |  |  | 0.002 |
| Adenocarcinoma | 712 (56%) | 3,767 (51%) |  |
| Other | 275 (22%) | 1,574 (21%) |  |
| Squamous | 287 (23%) | 1,992 (27%) |  |
| **Neuroendocrine** |  |  | 0.4 |
| Neuroendocrine | 21 (1.6%) | 147 (2.0%) |  |
| Other | 1,253 (98%) | 7,186 (98%) |  |
| **GRADE** |  |  | <0.001 |
| Moderately differentiated | 837 (66%) | 3,153 (43%) |  |
| Poorly differentiated | 0 (0%) | 2,637 (36%) |  |
| Undifferentiated | 0 (0%) | 89 (1.2%) |  |
| Unknown | 167 (13%) | 649 (8.9%) |  |
| Well differentiated | 270 (21%) | 805 (11%) |  |
| **Visceral Pleural Invasion** |  |  | <0.001 |
| Other | 1,274 (100%) | 3,993 (54%) |  |
| Present | 0 (0%) | 3,340 (46%) |  |
| **Vascular Invasion** |  |  | <0.001 |
| Absent | 1,186 (93%) | 5,592 (76%) |  |
| Present | 0 (0%) | 1,339 (18%) |  |
| Unknown | 88 (6.9%) | 402 (5.5%) |  |
| **Margins** |  |  | <0.001 |
| Other | 5 (0.4%) | 26 (0.4%) |  |
| Positive | 0 (0%) | 141 (1.9%) |  |
| Zero | 1,269 (100%) | 7,166 (98%) |  |
| **Lymph nodes sampled** |  |  | <0.001 |
| <10 | 0 (0%) | 3,800 (52%) |  |
| >=10 | 1,192 (94%) | 3,291 (45%) |  |
| Unknown | 82 (6.4%) | 242 (3.3%) |  |
| **Excision/Resection of <1 lobe** | 0 (0%) | 1,147 (16%) | <0.001 |
| 1n (%); Mean (SD) | | | |
| 2Fisher's Exact Test for Count Data with simulated p-value  (based on 2000 replicates); Fisher's Exact Test for Count Data; Wilcoxon rank sum test | | | |