**Supplemental Table 1**: The total number of patients with rheumatoid arthritis who underwent each individual arthroplasty procedure from 2010-2019. TSA, total shoulder arthroplasty; TEA, total elbow arthroplasty; THA, total hip arthroplasty; TKA, total knee arthroplasty.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | **TSA (%)** | **TEA (%)** | **THA (%)** | **TKA (%)** | **Total TJA (%)** |
| 2010 | 587 (0.16%) | 80 (0.022%) | 2367 (0.65%) | 6218 (1.71%) | 9252 (2.55%) |
| 2011 | 699 (0.18%) | 90 (0.024%) | 2254 (0.59%) | 5650 (1.49%) | 8693 (2.29%) |
| 2012 | 712 (0.18%) | 69 (0.018%) | 2240 (0.57%) | 5689 (1.44%) | 8710 (2.21%) |
| 2013 | 763 (0.18%) | 71 (0.017%) | 2441 (0.59%) | 5722 (1.38%) | 8997 (2.16%) |
| 2014 | 826 (0.19%) | 62 (0.014%) | 2451 (0.57%) | 5653 (1.31%) | 8992 (2.08%) |
| 2015 | 788 (0.21%) | 58 (0.015%) | 2339 (0.62%) | 4829 (1.28%) | 8014 (2.12%) |
| 2016 | 760 (0.53%) | 55 (0.038%) | 1945 (1.35%) | 4309 (3.00%) | 7069 (4.92%) |
| 2017 | 807 (0.56%) | 44 (0.030%) | 1755 (1.22%) | 3844 (2.66%) | 6450 (4.47%) |
| 2018 | 836 (0.59%) | 50 (0.035%) | 1751 (1.24%) | 4169 (2.96%) | 6806 (4.87%) |
| 2019 | 959 (0.63%) | 60 (0.040%) | 2037 (1.35%) | 4705 (3.11%) | 7761 (5.14%) |
| p-values | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |