Supplemental Table 5: Corticosteroid Utilization by Year, Crohn’s Disease (by age)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Age** | **Total Number of Cases** | **Total Number of Person Years** | **Mean Corticosteroids Dispensed(in Prednisone equivalents)** | **Mean mg 95%LCL** | **Mean mg 95%UCL** | **Percentage of persons with >=1 CS dispensation** | **>=1 CS 95%LCL** | **>=1 CS 95%UCL** | **Percentage with cumulative dose of CS exceeding 2000mg** | **CS>=**  **2000mg**  **95%LCL** | **CS>=**  **2000mg**  **95%UCL** |
| 1997 | <18.00 | 66 | 54.05 | 1,001.40 | 596.53 | 1,406.27 | 34.85 | 23.53 | 47.58 | 16.67 | 8.62 | 27.87 |
| 1998 | <18.00 | 57 | 52.80 | 1,105.91 | 584.36 | 1,627.46 | 33.33 | 21.40 | 47.06 | 15.79 | 7.48 | 27.87 |
| 1999 | <18.00 | 62 | 54.26 | 1,087.35 | 513.81 | 1,660.89 | 30.65 | 19.56 | 43.65 | 16.13 | 8.02 | 27.67 |
| 2000 | <18.00 | 57 | 48.26 | 1,463.98 | 890.09 | 2,037.87 | 43.86 | 30.74 | 57.64 | 19.30 | 10.05 | 31.91 |
| 2001 | <18.00 | 57 | 48.26 | 1,491.48 | 806.96 | 2,176.00 | 42.11 | 29.14 | 55.92 | 17.54 | 8.75 | 29.91 |
| 2002 | <18.00 | 64 | 55.88 | 1,739.54 | 998.52 | 2,480.56 | 40.63 | 28.51 | 53.63 | 25.00 | 15.02 | 37.40 |
| 2003 | <18.00 | 53 | 47.06 | 1,750.41 | 1,088.38 | 2,412.44 | 50.94 | 36.84 | 64.94 | 26.42 | 15.26 | 40.33 |
| 2004 | <18.00 | 50 | 43.90 | 2,901.39 | 1,935.89 | 3,866.89 | 58.00 | 43.21 | 71.81 | 40.00 | 26.41 | 54.82 |
| 2005 | <18.00 | 57 | 47.24 | 1,980.16 | 1,327.80 | 2,632.52 | 52.63 | 38.97 | 66.02 | 28.07 | 16.97 | 41.54 |
| 2006 | <18.00 | 61 | 55.03 | 1,735.23 | 1,178.54 | 2,291.92 | 50.82 | 37.70 | 63.86 | 24.59 | 14.46 | 37.29 |
| 2007 | <18.00 | 68 | 58.04 | 1,189.19 | 775.08 | 1,603.30 | 41.18 | 29.37 | 53.77 | 14.71 | 7.28 | 25.39 |
| 2008 | <18.00 | 62 | 58.60 | 1,382.48 | 870.94 | 1,894.02 | 41.94 | 29.51 | 55.15 | 19.35 | 10.42 | 31.37 |
| 2009 | <18.00 | 62 | 52.20 | 1,160.61 | 631.96 | 1,689.26 | 30.65 | 19.56 | 43.65 | 19.35 | 10.42 | 31.37 |
| 2010 | <18.00 | 56 | 52.51 | 1,017.15 | 415.22 | 1,619.08 | 25.00 | 14.39 | 38.37 | 16.07 | 7.62 | 28.33 |
| 2011 | <18.00 | 66 | 55.64 | 679.41 | 352.92 | 1,005.90 | 30.30 | 19.59 | 42.85 | 6.06 | 1.68 | 14.80 |
| 2012 | <18.00 | 64 | 58.36 | 338.69 | 119.21 | 558.17 | 15.63 | 7.76 | 26.86 | 0 | 0.00 | 5.60 |
| 2013 | <18.00 | 59 | 50.56 | 706.03 | 208.30 | 1,203.76 | 18.64 | 9.69 | 30.91 | 6.78 | 1.88 | 16.46 |
| 2014 | <18.00 | 71 | 61.78 | 194.09 | 20.44 | 367.74 | 8.45 | 3.16 | 17.49 | 2.82 | 0.34 | 9.81 |
| 2015 | <18.00 | 66 | 57.93 | 379.83 | 63.79 | 695.87 | 13.64 | 6.43 | 24.31 | 4.55 | 0.95 | 12.71 |
| 2016 | <18.00 | 71 | 58.17 | 195.73 | 33.46 | 358.00 | 8.45 | 3.16 | 17.49 | 2.82 | 0.34 | 9.81 |
| 2017 | <18.00 | 67 | 62.47 | 1,001.40 | 596.53 | 1,406.27 | 4.48 | 0.93 | 12.53 | 1.49 | 0.04 | 8.04 |
| 1997 | 18.00-65.00 | 2,128 | 2,034.50 | 414.91 | 363.15 | 466.67 | 19.69 | 18.02 | 21.44 | 7.10 | 6.04 | 8.27 |
| 1998 | 18.00-65.00 | 2,217 | 2,124.59 | 395.39 | 346.73 | 444.05 | 18.85 | 17.25 | 20.55 | 6.50 | 5.50 | 7.60 |
| 1999 | 18.00-65.00 | 2,255 | 2,196.02 | 357.22 | 311.12 | 403.32 | 17.87 | 16.31 | 19.52 | 5.90 | 4.96 | 6.95 |
| 2000 | 18.00-65.00 | 2,346 | 2,264.16 | 359.39 | 313.17 | 405.61 | 17.05 | 15.55 | 18.63 | 6.14 | 5.20 | 7.19 |
| 2001 | 18.00-65.00 | 2,435 | 2,353.58 | 350.81 | 304.94 | 396.68 | 17.45 | 15.97 | 19.02 | 5.50 | 4.63 | 6.48 |
| 2002 | 18.00-65.00 | 2,489 | 2,418.03 | 324.78 | 282.25 | 367.31 | 16.39 | 14.96 | 17.91 | 5.10 | 4.27 | 6.04 |
| 2003 | 18.00-65.00 | 2,531 | 2,467.24 | 314.65 | 273.85 | 355.45 | 16.16 | 14.75 | 17.65 | 5.18 | 4.35 | 6.11 |
| 2004 | 18.00-65.00 | 2,582 | 2,514.84 | 334.90 | 292.46 | 377.34 | 17.2 | 15.76 | 18.71 | 5.42 | 4.58 | 6.37 |
| 2005 | 18.00-65.00 | 2,642 | 2,575.64 | 316.18 | 273.85 | 358.51 | 15.86 | 14.49 | 17.31 | 5.41 | 4.58 | 6.34 |
| 2006 | 18.00-65.00 | 2,698 | 2,622.19 | 321.07 | 279.79 | 362.35 | 16.64 | 15.25 | 18.10 | 5.11 | 4.31 | 6.01 |
| 2007 | 18.00-65.00 | 2,718 | 2,644.16 | 345.44 | 300.02 | 390.86 | 16.63 | 15.25 | 18.08 | 5.56 | 4.72 | 6.48 |
| 2008 | 18.00-65.00 | 2,751 | 2,679.90 | 294.02 | 255.88 | 332.16 | 15.56 | 14.22 | 16.97 | 5.13 | 4.33 | 6.02 |
| 2009 | 18.00-65.00 | 2,793 | 2,732.38 | 257.60 | 221.71 | 293.49 | 15.54 | 14.21 | 16.94 | 3.90 | 3.22 | 4.69 |
| 2010 | 18.00-65.00 | 2,839 | 2,772.96 | 299.66 | 260.20 | 339.12 | 15.46 | 14.15 | 16.85 | 4.47 | 3.74 | 5.30 |
| 2011 | 18.00-65.00 | 2,847 | 2,783.43 | 265.08 | 227.32 | 302.84 | 14.75 | 13.47 | 16.11 | 3.62 | 2.96 | 4.37 |
| 2012 | 18.00-65.00 | 2,851 | 2,785.13 | 233.91 | 200.02 | 267.80 | 14.07 | 12.81 | 15.40 | 3.33 | 2.70 | 4.06 |
| 2013 | 18.00-65.00 | 2,874 | 2,811.15 | 237.00 | 202.83 | 271.17 | 14.02 | 12.77 | 15.35 | 3.83 | 3.16 | 4.59 |
| 2014 | 18.00-65.00 | 2,859 | 2,804.82 | 220.69 | 188.59 | 252.79 | 13.54 | 12.30 | 14.85 | 2.97 | 2.38 | 3.66 |
| 2015 | 18.00-65.00 | 2,859 | 2,809.24 | 216.12 | 186.31 | 245.93 | 14.34 | 13.08 | 15.68 | 3.22 | 2.60 | 3.93 |
| 2016 | 18.00-65.00 | 2,833 | 2,781.86 | 228.07 | 195.53 | 260.61 | 14.30 | 13.03 | 15.64 | 3.18 | 2.56 | 3.89 |
| 2017 | 18.00-65.00 | 2,784 | 2,756.64 | 172.25 | 146.87 | 197.63 | 13.36 | 12.12 | 14.68 | 2.73 | 2.16 | 3.41 |
| 1997 | >65.00 | 300 | 286.95 | 336.19 | 228.29 | 444.09 | 19.00 | 14.72 | 23.90 | 6.00 | 3.59 | 9.32 |
| 1998 | >65.00 | 326 | 313.19 | 301.89 | 209.45 | 394.33 | 16.56 | 12.70 | 21.05 | 5.52 | 3.30 | 8.59 |
| 1999 | >65.00 | 343 | 332.22 | 307.14 | 217.07 | 397.21 | 17.78 | 13.89 | 22.25 | 4.96 | 2.91 | 7.82 |
| 2000 | >65.00 | 363 | 350.60 | 333.64 | 208.53 | 458.75 | 15.70 | 12.12 | 19.86 | 5.79 | 3.62 | 8.71 |
| 2001 | >65.00 | 383 | 368.11 | 270.54 | 184.08 | 357.00 | 16.97 | 13.35 | 21.11 | 4.96 | 3.01 | 7.64 |
| 2002 | >65.00 | 401 | 382.46 | 271.84 | 185.07 | 358.61 | 14.96 | 11.62 | 18.84 | 4.74 | 2.88 | 7.30 |
| 2003 | >65.00 | 425 | 409.96 | 264.83 | 179.47 | 350.19 | 15.29 | 12.01 | 19.07 | 4.71 | 2.90 | 7.17 |
| 2004 | >65.00 | 441 | 424.91 | 245.02 | 170.51 | 319.53 | 14.97 | 11.77 | 18.64 | 3.85 | 2.26 | 6.10 |
| 2005 | >65.00 | 459 | 436.76 | 237.84 | 172.02 | 303.66 | 16.56 | 13.27 | 20.28 | 3.92 | 2.34 | 6.13 |
| 2006 | >65.00 | 481 | 463.20 | 250.90 | 167.30 | 334.50 | 14.97 | 11.90 | 18.48 | 3.95 | 2.39 | 6.10 |
| 2007 | >65.00 | 517 | 499.77 | 256.00 | 181.70 | 330.30 | 15.67 | 12.64 | 19.09 | 4.45 | 2.84 | 6.60 |
| 2008 | >65.00 | 546 | 532.34 | 252.97 | 178.41 | 327.53 | 14.29 | 11.46 | 17.51 | 4.58 | 2.98 | 6.69 |
| 2009 | >65.00 | 575 | 553.38 | 277.07 | 198.97 | 355.17 | 16.17 | 13.26 | 19.44 | 4.87 | 3.26 | 6.96 |
| 2010 | >65.00 | 586 | 567.54 | 214.14 | 142.06 | 286.22 | 12.12 | 9.59 | 15.04 | 3.75 | 2.37 | 5.63 |
| 2011 | >65.00 | 639 | 615.19 | 210.83 | 140.84 | 280.82 | 11.27 | 8.92 | 13.98 | 3.13 | 1.92 | 4.79 |
| 2012 | >65.00 | 692 | 674.33 | 184.18 | 123.17 | 245.19 | 10.55 | 8.36 | 13.08 | 3.03 | 1.89 | 4.60 |
| 2013 | >65.00 | 740 | 710.27 | 178.81 | 126.53 | 231.09 | 13.92 | 11.51 | 16.62 | 2.70 | 1.66 | 4.14 |
| 2014 | >65.00 | 787 | 769.28 | 133.56 | 95.97 | 171.15 | 11.56 | 9.41 | 14.01 | 1.91 | 1.07 | 3.12 |
| 2015 | >65.00 | 854 | 835.31 | 173.24 | 132.08 | 214.40 | 14.52 | 12.22 | 17.06 | 2.34 | 1.44 | 3.59 |
| 2016 | >65.00 | 916 | 888.62 | 162.17 | 116.84 | 207.50 | 13.10 | 10.98 | 15.46 | 3.06 | 2.04 | 4.39 |
| 2017 | >65.00 | 942 | 918.82 | 165.35 | 124.81 | 205.89 | 14.33 | 12.15 | 16.73 | 3.40 | 2.33 | 4.76 |

CS= corticosteroids LCL = lower confidence limit UCL = upper confidence limit