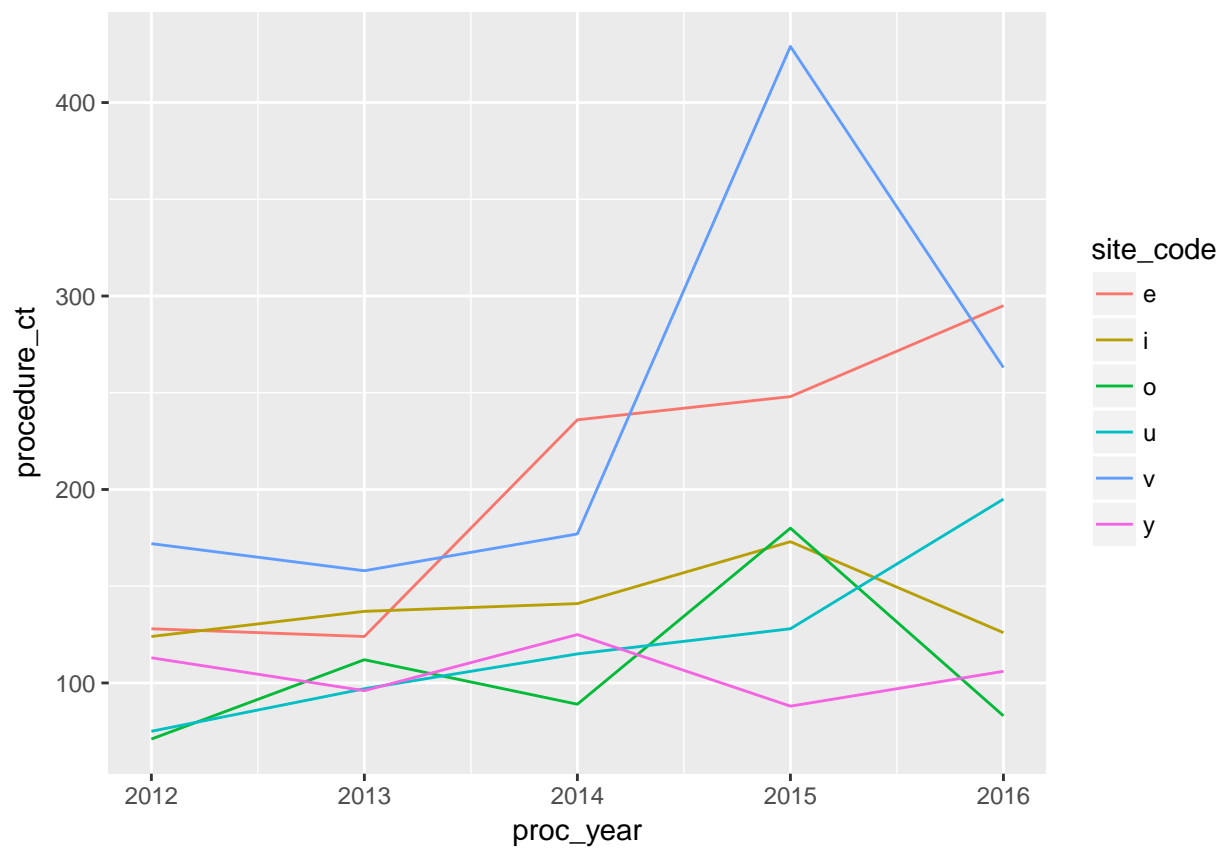


Urologic procedure utilization

Please treat as confidential

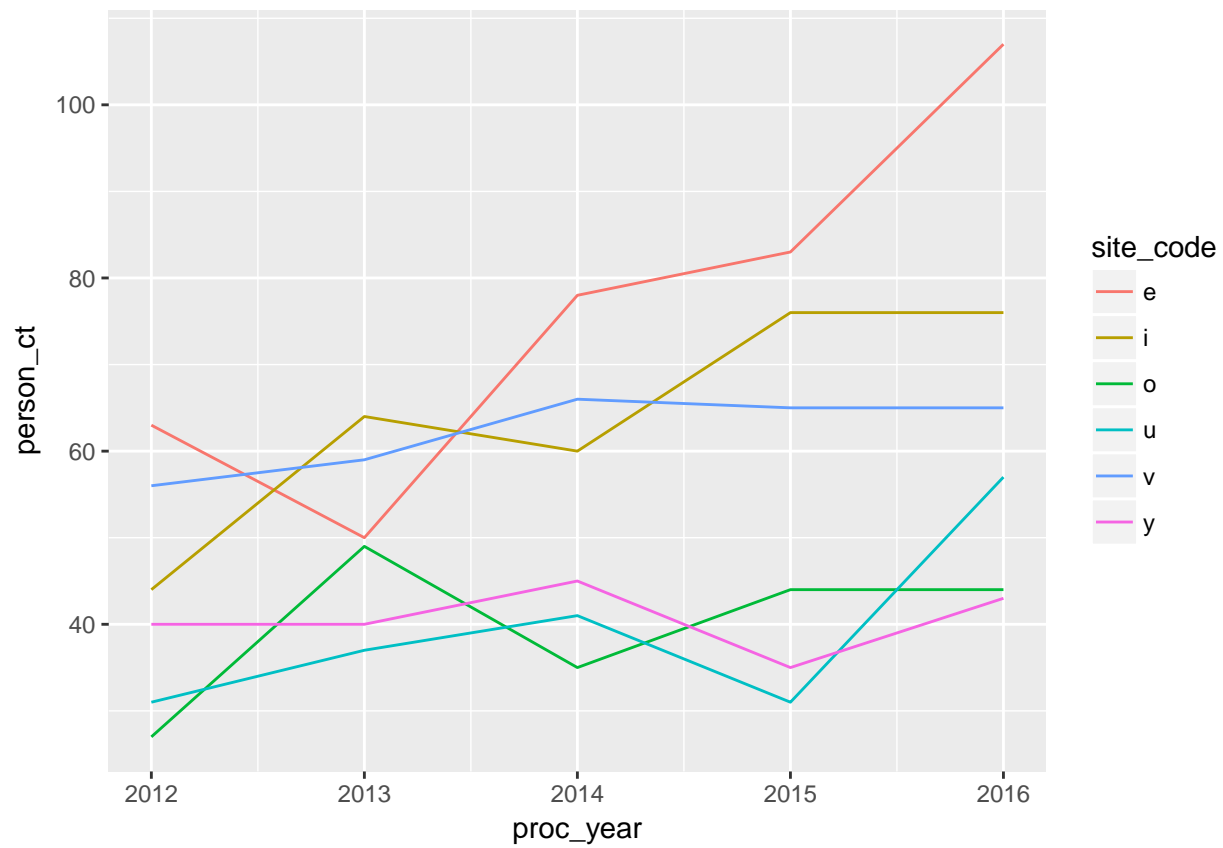
Procedure utilization by site over time

Procedures



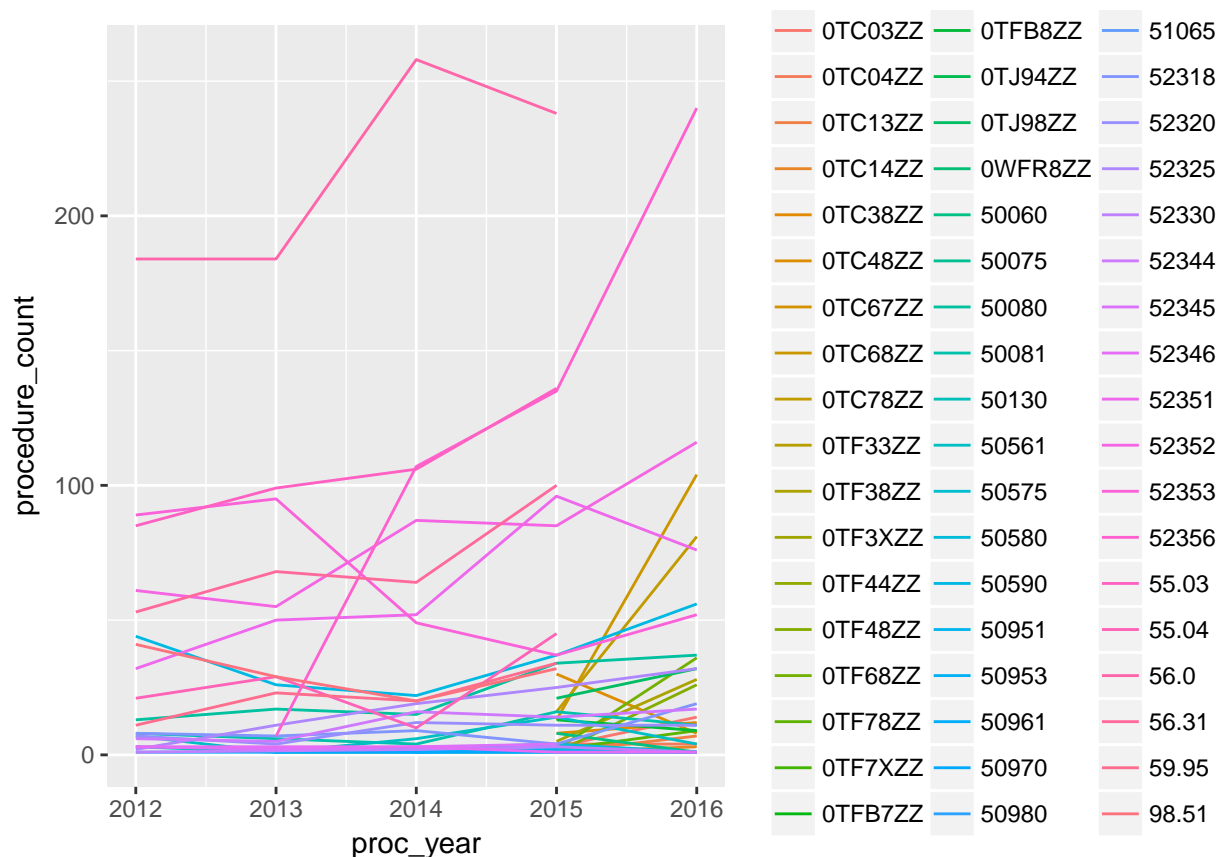
| site_code | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------|------|------|------|------|------|
| Total | 683 | 724 | 883 | 1246 | 1068 |
| e | 128 | 124 | 236 | 248 | 295 |
| i | 124 | 137 | 141 | 173 | 126 |
| o | 71 | 112 | 89 | 180 | 83 |
| u | 75 | 97 | 115 | 128 | 195 |
| v | 172 | 158 | 177 | 429 | 263 |
| y | 113 | 96 | 125 | 88 | 106 |

Patients



| site_code | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------|------|------|------|------|------|
| Total | 261 | 299 | 325 | 334 | 392 |
| e | 63 | 50 | 78 | 83 | 107 |
| i | 44 | 64 | 60 | 76 | 76 |
| o | 27 | 49 | 35 | 44 | 44 |
| u | 31 | 37 | 41 | 31 | 57 |
| v | 56 | 59 | 66 | 65 | 65 |
| y | 40 | 40 | 45 | 35 | 43 |

Codes



| concept_code | concept_name | proc_year | procedure_count |
|--------------|--|-----------|-----------------|
| 56.0 | Transurethral removal of obstruction fro | 2012 | 184 |
| 52353 | Cystourethroscopy, with ureteroscopy and | 2012 | 89 |
| 55.03 | Percutaneous nephrostomy without fragmen | 2012 | 85 |
| 52352 | Cystourethroscopy, with ureteroscopy and | 2012 | 61 |
| 56.31 | Ureteroscopy | 2012 | 53 |
| 50590 | Lithotripsy, extracorporeal shock wave | 2012 | 44 |
| 98.51 | Extracorporeal shockwave lithotripsy [ES | 2012 | 41 |
| 52351 | Cystourethroscopy, with ureteroscopy and | 2012 | 32 |
| 55.04 | Percutaneous nephrostomy with fragmentat | 2012 | 21 |
| 50080 | Percutaneous nephrostolithotomy or pyelo | 2012 | 13 |
| 59.95 | Ultrasonic fragmentation of urinary ston | 2012 | 11 |
| 50081 | Percutaneous nephrostolithotomy or pyelo | 2012 | 8 |
| 52318 | Litholapaxy: crushing or fragmentation o | 2012 | 8 |
| 50561 | Renal endoscopy through established neph | 2012 | 7 |
| 52320 | Cystourethroscopy (including ureteral ca | 2012 | 7 |
| 52344 | Cystourethroscopy with ureteroscopy; wit | 2012 | 6 |
| 50130 | Pyelotomy; with removal of calculus (pye | 2012 | 3 |
| 52345 | Cystourethroscopy with ureteroscopy; wit | 2012 | 3 |
| 52346 | Cystourethroscopy with ureteroscopy; wit | 2012 | 3 |
| 52325 | Cystourethroscopy (including ureteral ca | 2012 | 2 |
| 50961 | Ureteral endoscopy through established u | 2012 | 1 |
| 52330 | Cystourethroscopy (including ureteral ca | 2012 | 1 |
| 56.0 | Transurethral removal of obstruction fro | 2013 | 184 |

| concept_code | concept_name | proc_year | procedure_count |
|--------------|--|-----------|-----------------|
| 55.03 | Percutaneous nephrostomy without fragmen | 2013 | 99 |
| 52353 | Cystourethroscopy, with ureteroscopy and | 2013 | 95 |
| 56.31 | Ureteroscopy | 2013 | 68 |
| 52352 | Cystourethroscopy, with ureteroscopy and | 2013 | 55 |
| 52351 | Cystourethroscopy, with ureteroscopy and | 2013 | 50 |
| 55.04 | Percutaneous nephrostomy with fragmentat | 2013 | 29 |
| 98.51 | Extracorporeal shockwave lithotripsy [ES | 2013 | 29 |
| 50590 | Lithotripsy, extracorporeal shock wave | 2013 | 26 |
| 59.95 | Ultrasonic fragmentation of urinary ston | 2013 | 23 |
| 50080 | Percutaneous nephrostolithotomy or pyelo | 2013 | 17 |
| 52325 | Cystourethroscopy (including ureteral ca | 2013 | 11 |
| 52318 | Litholapaxy: crushing or fragmentation o | 2013 | 7 |
| 52356 | Cystourethroscopy, with ureteroscopy and | 2013 | 7 |
| 50081 | Percutaneous nephrostolithotomy or pyelo | 2013 | 6 |
| 52344 | Cystourethroscopy with ureteroscopy; wit | 2013 | 5 |
| 52320 | Cystourethroscopy (including ureteral ca | 2013 | 4 |
| 50953 | Ureteral endoscopy through established u | 2013 | 2 |
| 52345 | Cystourethroscopy with ureteroscopy; wit | 2013 | 2 |
| 50130 | Pyelotomy; with removal of calculus (pye | 2013 | 1 |
| 50561 | Renal endoscopy through established neph | 2013 | 1 |
| 50580 | Renal endoscopy through nephrotomy or py | 2013 | 1 |
| 50961 | Ureteral endoscopy through established u | 2013 | 1 |
| 50970 | Ureteral endoscopy through ureterotomy, | 2013 | 1 |
| 56.0 | Transurethral removal of obstruction fro | 2014 | 258 |
| 52356 | Cystourethroscopy, with ureteroscopy and | 2014 | 107 |
| 55.03 | Percutaneous nephrostomy without fragmen | 2014 | 106 |
| 52352 | Cystourethroscopy, with ureteroscopy and | 2014 | 87 |
| 56.31 | Ureteroscopy | 2014 | 64 |
| 52351 | Cystourethroscopy, with ureteroscopy and | 2014 | 52 |
| 52353 | Cystourethroscopy, with ureteroscopy and | 2014 | 49 |
| 50590 | Lithotripsy, extracorporeal shock wave | 2014 | 22 |
| 59.95 | Ultrasonic fragmentation of urinary ston | 2014 | 20 |
| 98.51 | Extracorporeal shockwave lithotripsy [ES | 2014 | 20 |
| 52325 | Cystourethroscopy (including ureteral ca | 2014 | 19 |
| 52344 | Cystourethroscopy with ureteroscopy; wit | 2014 | 16 |
| 50080 | Percutaneous nephrostolithotomy or pyelo | 2014 | 15 |
| 52320 | Cystourethroscopy (including ureteral ca | 2014 | 12 |
| 55.04 | Percutaneous nephrostomy with fragmentat | 2014 | 10 |
| 52318 | Litholapaxy: crushing or fragmentation o | 2014 | 9 |
| 50561 | Renal endoscopy through established neph | 2014 | 6 |
| 50081 | Percutaneous nephrostolithotomy or pyelo | 2014 | 4 |
| 52346 | Cystourethroscopy with ureteroscopy; wit | 2014 | 3 |
| 52330 | Cystourethroscopy (including ureteral ca | 2014 | 2 |
| 50951 | Ureteral endoscopy through established u | 2014 | 1 |
| 50953 | Ureteral endoscopy through established u | 2014 | 1 |
| 56.0 | Transurethral removal of obstruction fro | 2015 | 238 |
| 55.03 | Percutaneous nephrostomy without fragmen | 2015 | 136 |
| 52356 | Cystourethroscopy, with ureteroscopy and | 2015 | 135 |
| 56.31 | Ureteroscopy | 2015 | 100 |
| 52351 | Cystourethroscopy, with ureteroscopy and | 2015 | 96 |
| 52352 | Cystourethroscopy, with ureteroscopy and | 2015 | 85 |
| 55.04 | Percutaneous nephrostomy with fragmentat | 2015 | 45 |

| concept_code | concept_name | proc_year | procedure_count |
|--------------|--|-----------|-----------------|
| 50590 | Lithotripsy, extracorporeal shock wave | 2015 | 37 |
| 52353 | Cystourethroscopy, with ureteroscopy and | 2015 | 37 |
| 50080 | Percutaneous nephrostolithotomy or pyelo | 2015 | 34 |
| 59.95 | Ultrasonic fragmentation of urinary ston | 2015 | 34 |
| 98.51 | Extracorporeal shockwave lithotripsy [ES | 2015 | 32 |
| 0TC48ZZ | Extirpation of Matter from Left Kidney P | 2015 | 30 |
| 52325 | Cystourethroscopy (including ureteral ca | 2015 | 25 |
| 0TJ98ZZ | Inspection of Ureter, Via Natural or Art | 2015 | 21 |
| 0TC78ZZ | Extirpation of Matter from Left Ureter, | 2015 | 16 |
| 50081 | Percutaneous nephrostolithotomy or pyelo | 2015 | 16 |
| 50561 | Renal endoscopy through established neph | 2015 | 14 |
| 52344 | Cystourethroscopy with ureteroscopy; wit | 2015 | 14 |
| 0TC68ZZ | Extirpation of Matter from Right Ureter, | 2015 | 13 |
| 0TFB8ZZ | Fragmentation in Bladder, Via Natural or | 2015 | 13 |
| 52320 | Cystourethroscopy (including ureteral ca | 2015 | 11 |
| 0TC38ZZ | Extirpation of Matter from Right Kidney | 2015 | 8 |
| 50060 | Nephrolithotomy; removal of calculus | 2015 | 8 |
| 0TF38ZZ | Fragmentation in Right Kidney Pelvis, Vi | 2015 | 5 |
| 50075 | Nephrolithotomy; removal of large stagho | 2015 | 5 |
| 0TC04ZZ | Extirpation of Matter from Right Kidney, | 2015 | 4 |
| 50580 | Renal endoscopy through nephrotomy or py | 2015 | 4 |
| 52318 | Litholapaxy: crushing or fragmentation o | 2015 | 4 |
| 52345 | Cystourethroscopy with ureteroscopy; wit | 2015 | 4 |
| 0TC03ZZ | Extirpation of Matter from Right Kidney, | 2015 | 3 |
| 52330 | Cystourethroscopy (including ureteral ca | 2015 | 3 |
| 0TF68ZZ | Fragmentation in Right Ureter, Via Natur | 2015 | 2 |
| 0TF78ZZ | Fragmentation in Left Ureter, Via Natura | 2015 | 2 |
| 50575 | Renal endoscopy through nephrotomy or py | 2015 | 2 |
| 50951 | Ureteral endoscopy through established u | 2015 | 2 |
| 50953 | Ureteral endoscopy through established u | 2015 | 2 |
| 0TC13ZZ | Extirpation of Matter from Left Kidney, | 2015 | 1 |
| 0TC14ZZ | Extirpation of Matter from Left Kidney, | 2015 | 1 |
| 0TF44ZZ | Fragmentation in Left Kidney Pelvis, Per | 2015 | 1 |
| 0TF48ZZ | Fragmentation in Left Kidney Pelvis, Via | 2015 | 1 |
| 51065 | Cystotomy, with calculus basket extracti | 2015 | 1 |
| 52346 | Cystourethroscopy with ureteroscopy; wit | 2015 | 1 |
| 52356 | Cystourethroscopy, with ureteroscopy and | 2016 | 240 |
| 52352 | Cystourethroscopy, with ureteroscopy and | 2016 | 116 |
| 0TC68ZZ | Extirpation of Matter from Right Ureter, | 2016 | 104 |
| 0TC78ZZ | Extirpation of Matter from Left Ureter, | 2016 | 81 |
| 52351 | Cystourethroscopy, with ureteroscopy and | 2016 | 76 |
| 50590 | Lithotripsy, extracorporeal shock wave | 2016 | 56 |
| 52353 | Cystourethroscopy, with ureteroscopy and | 2016 | 52 |
| 50080 | Percutaneous nephrostolithotomy or pyelo | 2016 | 37 |
| 0TF68ZZ | Fragmentation in Right Ureter, Via Natur | 2016 | 36 |
| 0TJ98ZZ | Inspection of Ureter, Via Natural or Art | 2016 | 32 |
| 52325 | Cystourethroscopy (including ureteral ca | 2016 | 32 |
| 0TF38ZZ | Fragmentation in Right Kidney Pelvis, Vi | 2016 | 28 |
| 0TF48ZZ | Fragmentation in Left Kidney Pelvis, Via | 2016 | 26 |
| 52318 | Litholapaxy: crushing or fragmentation o | 2016 | 19 |
| 52344 | Cystourethroscopy with ureteroscopy; wit | 2016 | 17 |
| 0TC03ZZ | Extirpation of Matter from Right Kidney, | 2016 | 14 |

| concept_code | concept_name | proc_year | procedure_count |
|--------------|--|-----------|-----------------|
| 0TC38ZZ | Extirpation of Matter from Right Kidney | 2016 | 12 |
| 50081 | Percutaneous nephrostolithotomy or pyelo | 2016 | 11 |
| 52320 | Cystourethroscopy (including ureteral ca | 2016 | 11 |
| 0TF78ZZ | Fragmentation in Left Ureter, Via Natura | 2016 | 9 |
| 0TFB8ZZ | Fragmentation in Bladder, Via Natural or | 2016 | 9 |
| 0TC48ZZ | Extirpation of Matter from Left Kidney P | 2016 | 8 |
| 0TC13ZZ | Extirpation of Matter from Left Kidney, | 2016 | 7 |
| 0TC04ZZ | Extirpation of Matter from Right Kidney, | 2016 | 4 |
| 0TF3XZZ | Fragmentation in Right Kidney Pelvis, Ex | 2016 | 4 |
| 0TJ94ZZ | Inspection of Ureter, Percutaneous Endos | 2016 | 4 |
| 50561 | Renal endoscopy through established neph | 2016 | 4 |
| 0TC14ZZ | Extirpation of Matter from Left Kidney, | 2016 | 3 |
| 0TF33ZZ | Fragmentation in Right Kidney Pelvis, Pe | 2016 | 2 |
| 0WFR8ZZ | Fragmentation in Genitourinary Tract, Vi | 2016 | 2 |
| 50980 | Ureteral endoscopy through ureterotomy, | 2016 | 2 |
| 0TC67ZZ | Extirpation of Matter from Right Ureter, | 2016 | 1 |
| 0TF7XZZ | Fragmentation in Left Ureter, External A | 2016 | 1 |
| 0TFB7ZZ | Fragmentation in Bladder, Via Natural or | 2016 | 1 |
| 50060 | Nephrolithotomy; removal of calculus | 2016 | 1 |
| 50130 | Pyelotomy; with removal of calculus (pye | 2016 | 1 |
| 50580 | Renal endoscopy through nephrotomy or py | 2016 | 1 |
| 50951 | Ureteral endoscopy through established u | 2016 | 1 |
| 50970 | Ureteral endoscopy through ureterotomy, | 2016 | 1 |
| 52330 | Cystourethroscopy (including ureteral ca | 2016 | 1 |
| 52346 | Cystourethroscopy with ureteroscopy; wit | 2016 | 1 |