

Maryland Hospital and Ambulatory Surgery Trends

2005-2015



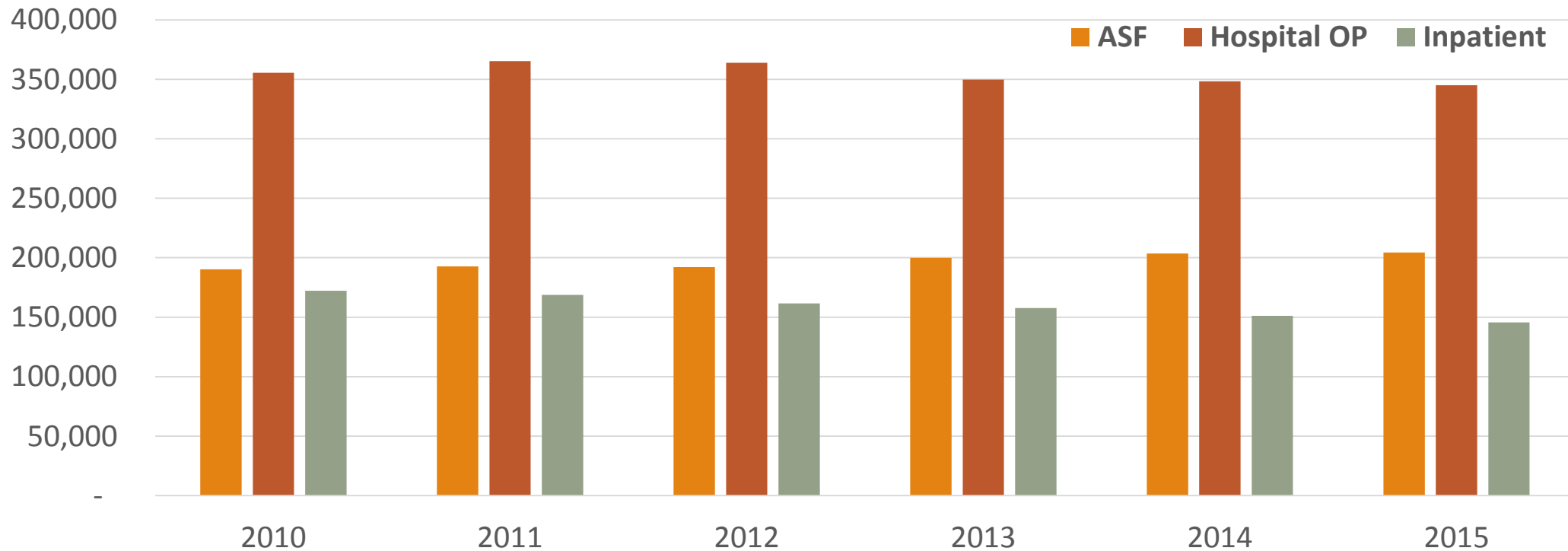
Data Sources

- HSCRC Inpatient Files
- HSCRC Outpatient Files
- MHCC Annual Ambulatory Survey
- U.S. Census Bureau Population Estimates

http://www.mdp.state.md.us/msdc/S2_estimate.Shtml

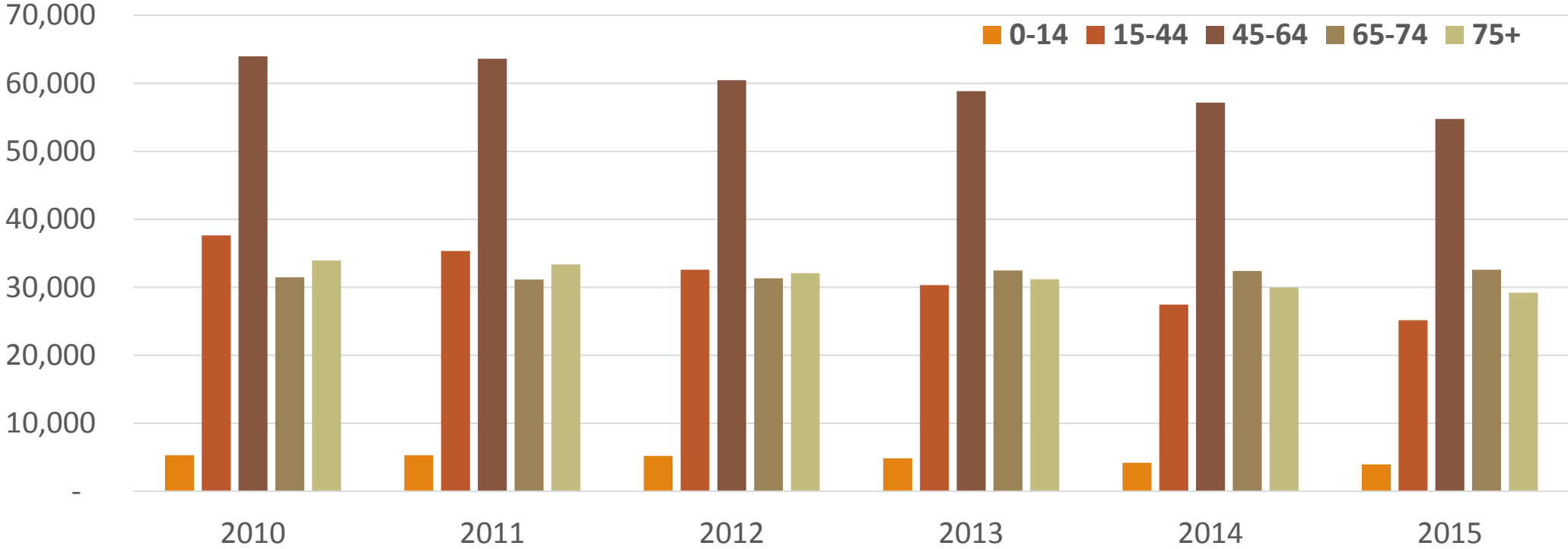
Note: 2015 MHCC Annual Ambulatory Survey is preliminary. There are six surveys missing and 4,456 total cases reported in 2014 from those six ASFs.

Operating Room (OR) Cases in Maryland Hospitals and Ambulatory Surgery Facilities (ASFs)

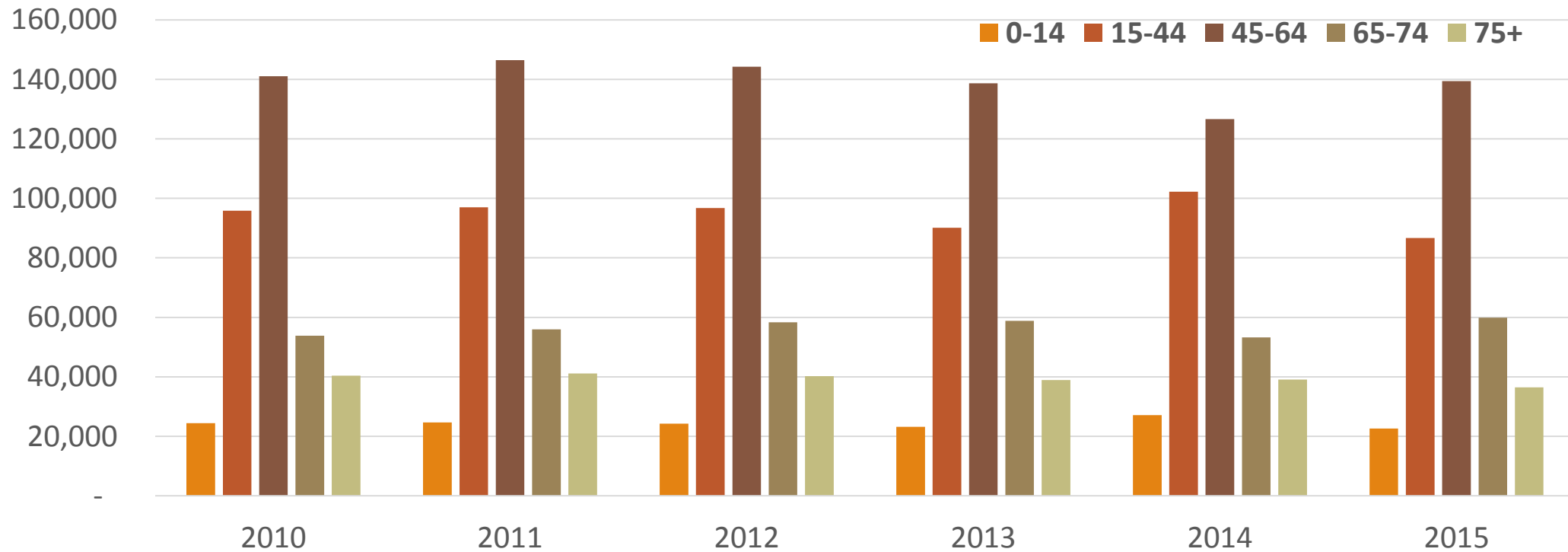


Note: In hospital setting, the numbers of surgery cases are counts of Rate Center Charges for Operating Room.

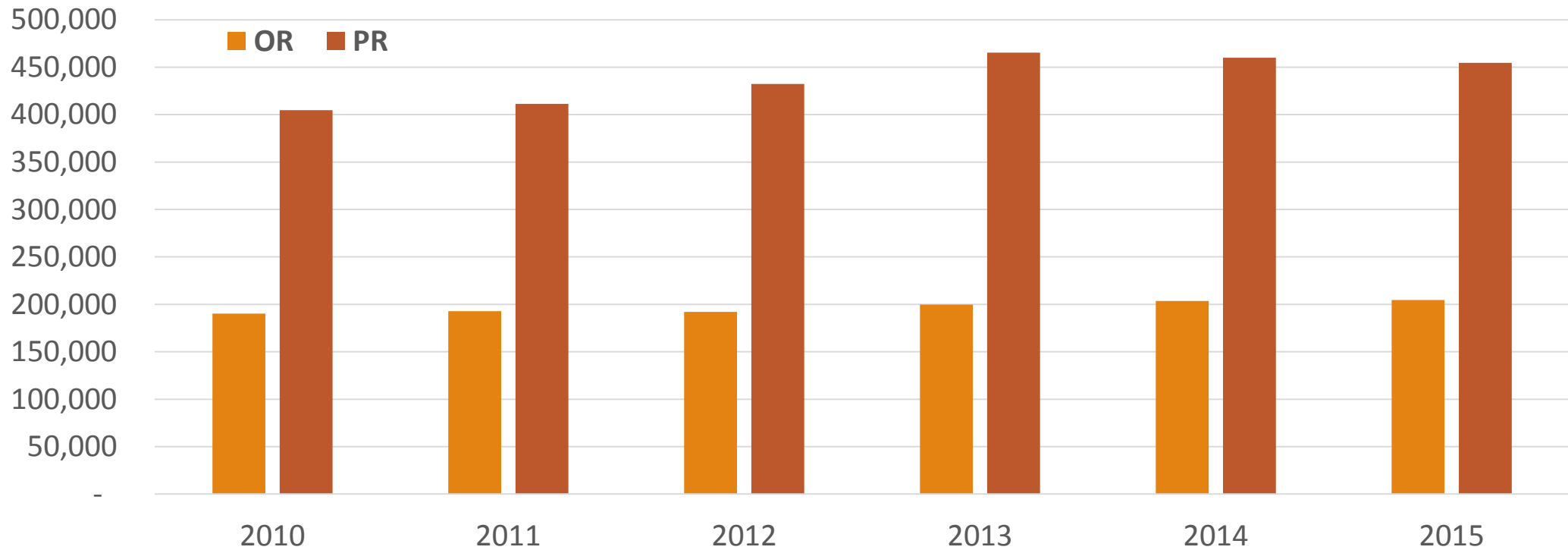
Inpatient OR Cases by Age Group



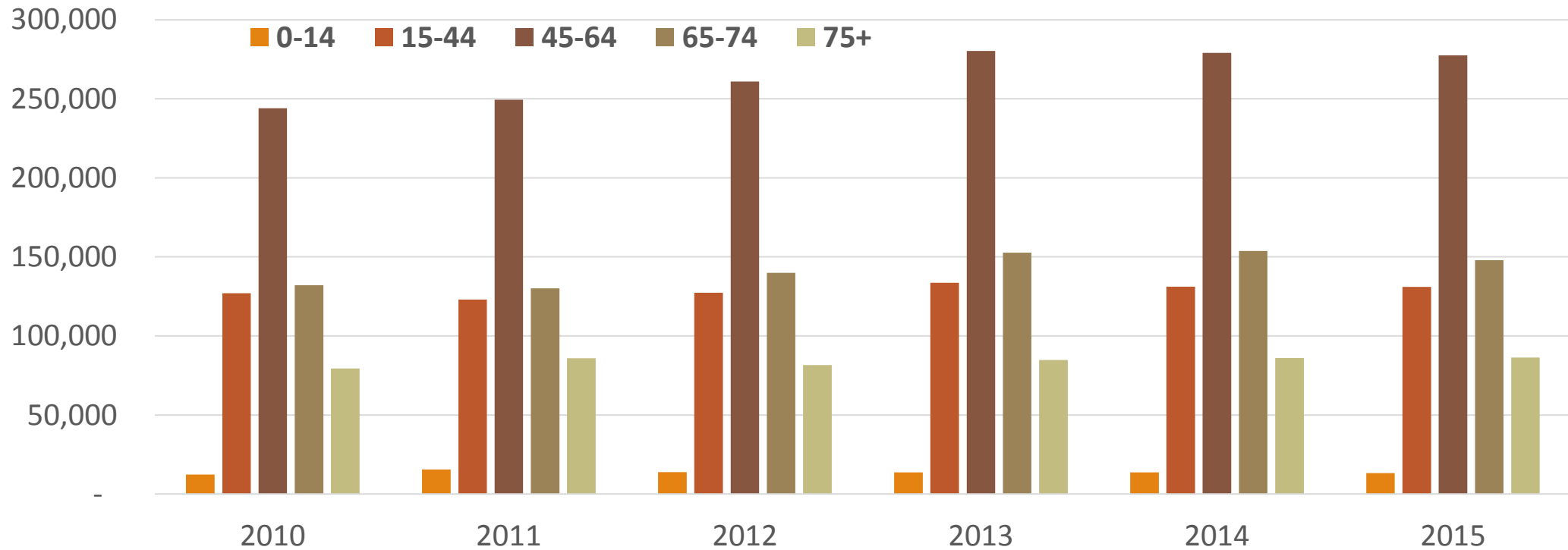
Hospital Outpatient OR Cases by Age Group



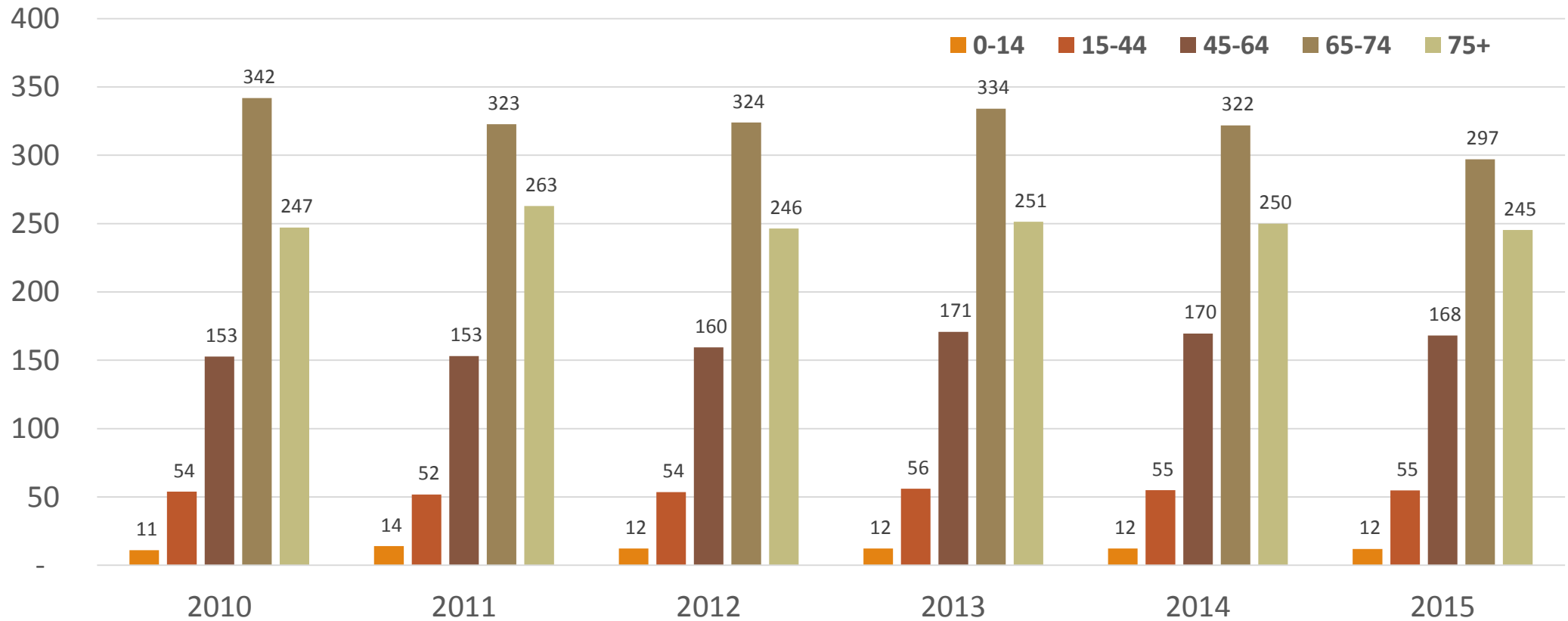
ASF OR and Procedure Room (PR) Surgery Cases



ASF OR and PR Cases by Age Group

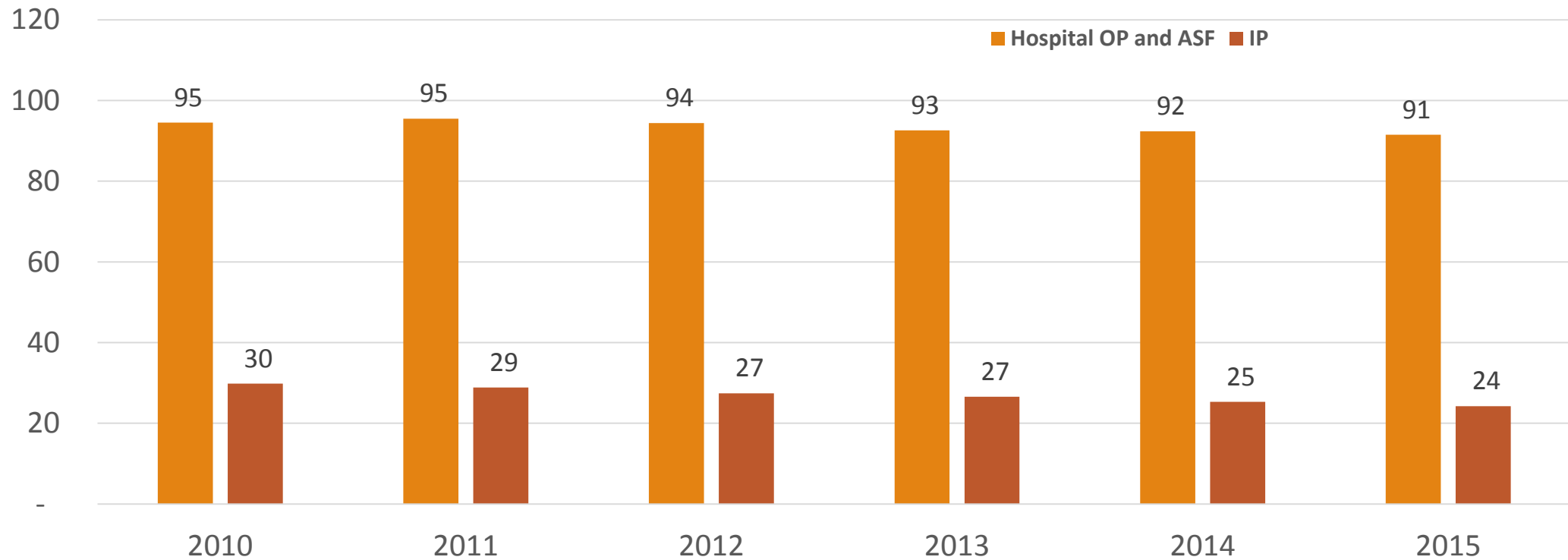


ASF Surgery Use Rate (per 1,000 population)



Note: Both OR and PR surgery cases are included in the calculation of ASF surgery use rate.

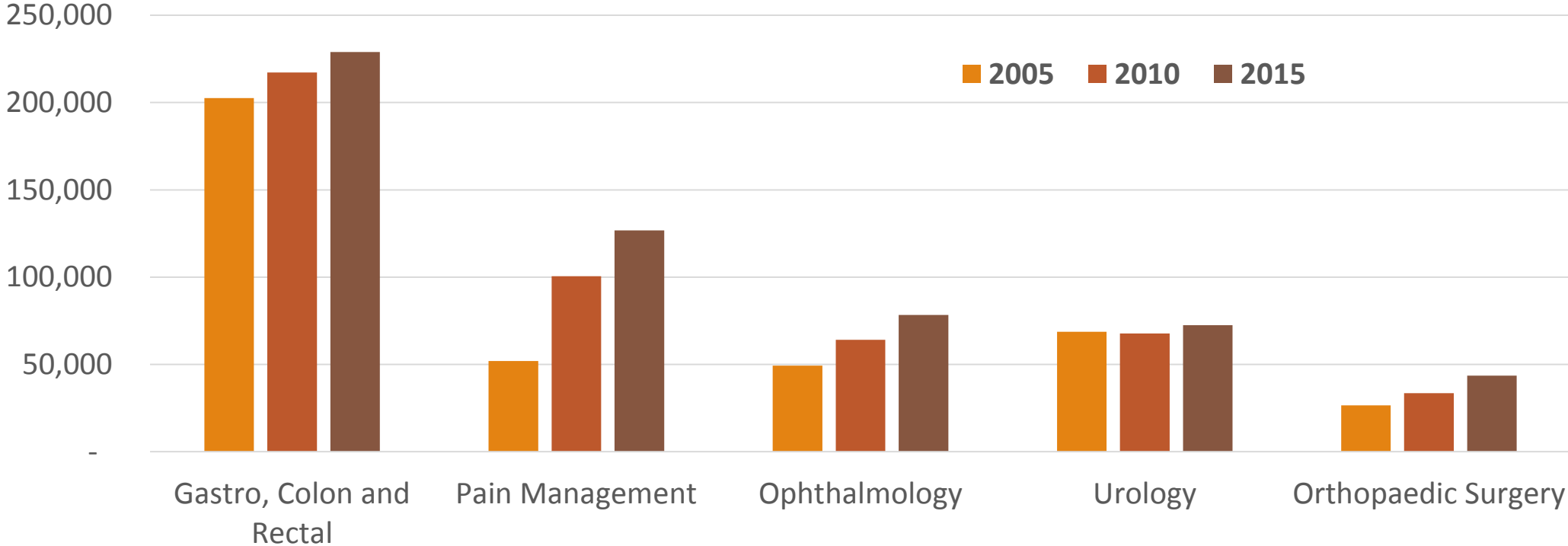
OR Surgery Use Rate (per 1,000 population)



ASF Surgery Cases by Specialty

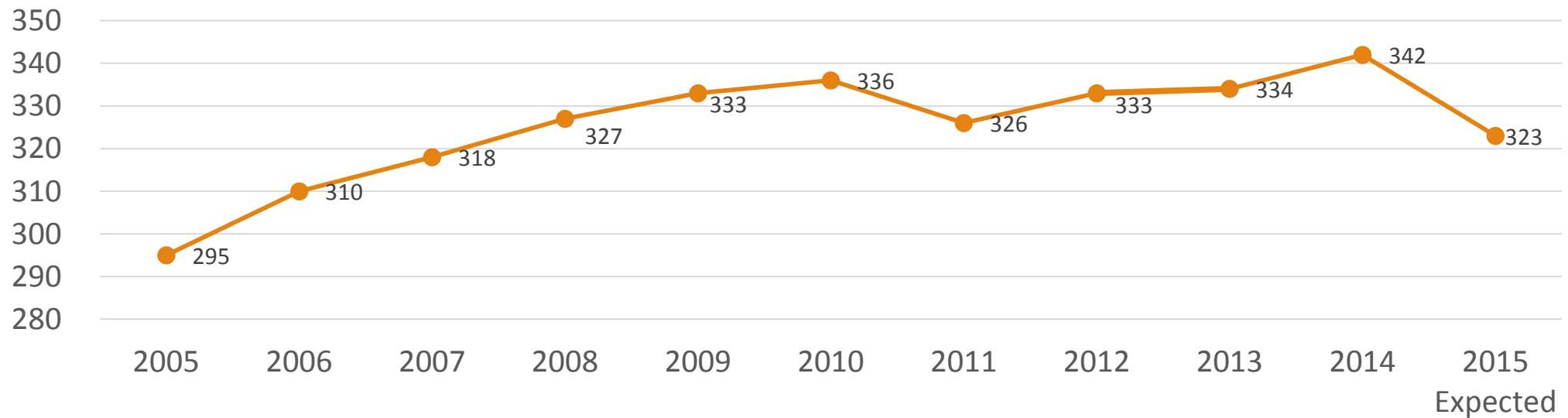
| Specialty | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Total Cases | 501,893 | 522,612 | 560,473 | 595,255 | 607,939 | 594,993 | 604,012 | 623,413 | 665,149 | 666,209 | 659,008 |
| Gastro, Colon and Rectal | 40% | 43% | 41% | 41% | 38% | 37% | 38% | 37% | 38% | 36% | 35% |
| Pain Management | 10% | 11% | 13% | 14% | 17% | 17% | 17% | 18% | 18% | 20% | 19% |
| Ophthalmology | 10% | 10% | 10% | 10% | 10% | 11% | 11% | 11% | 11% | 11% | 12% |
| Urology | 14% | 12% | 12% | 13% | 12% | 11% | 12% | 11% | 11% | 10% | 11% |
| Orthopaedic Surgery | 5% | 6% | 5% | 5% | 5% | 6% | 6% | 6% | 6% | 6% | 7% |
| Top 5 Specialties | 80% | 82% | 82% | 83% | 82% | 81% | 83% | 84% | 84% | 84% | 83% |

Top Five Specialties Surgery Trends



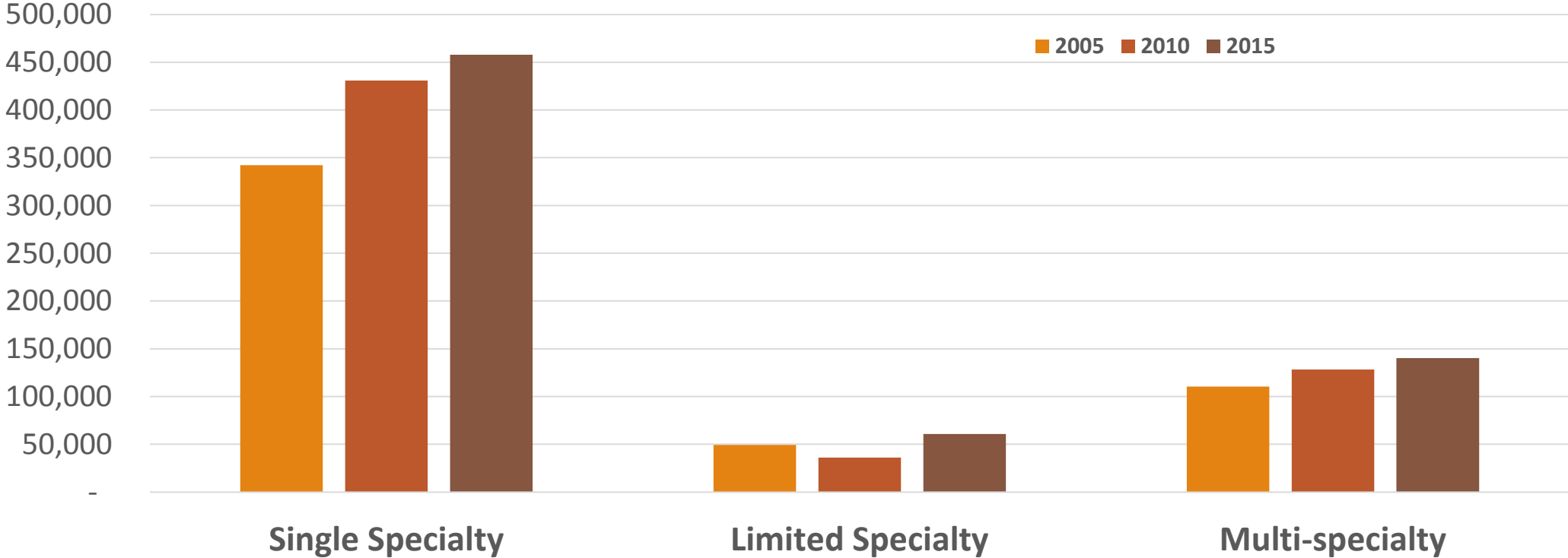
Number of ASFs by Type of Facility

| Type of Specialty | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Single Specialty | 226 | 240 | 247 | 253 | 257 | 258 | 247 | 250 | 246 | 253 | 234 |
| Limited Specialty | 36 | 34 | 31 | 35 | 32 | 30 | 24 | 28 | 29 | 30 | 35 |
| Multi-specialty | 33 | 36 | 40 | 39 | 44 | 47 | 55 | 54 | 59 | 59 | 54 |
| Total | 295 | 310 | 318 | 327 | 333 | 335 | 326 | 332 | 334 | 342 | 323 |

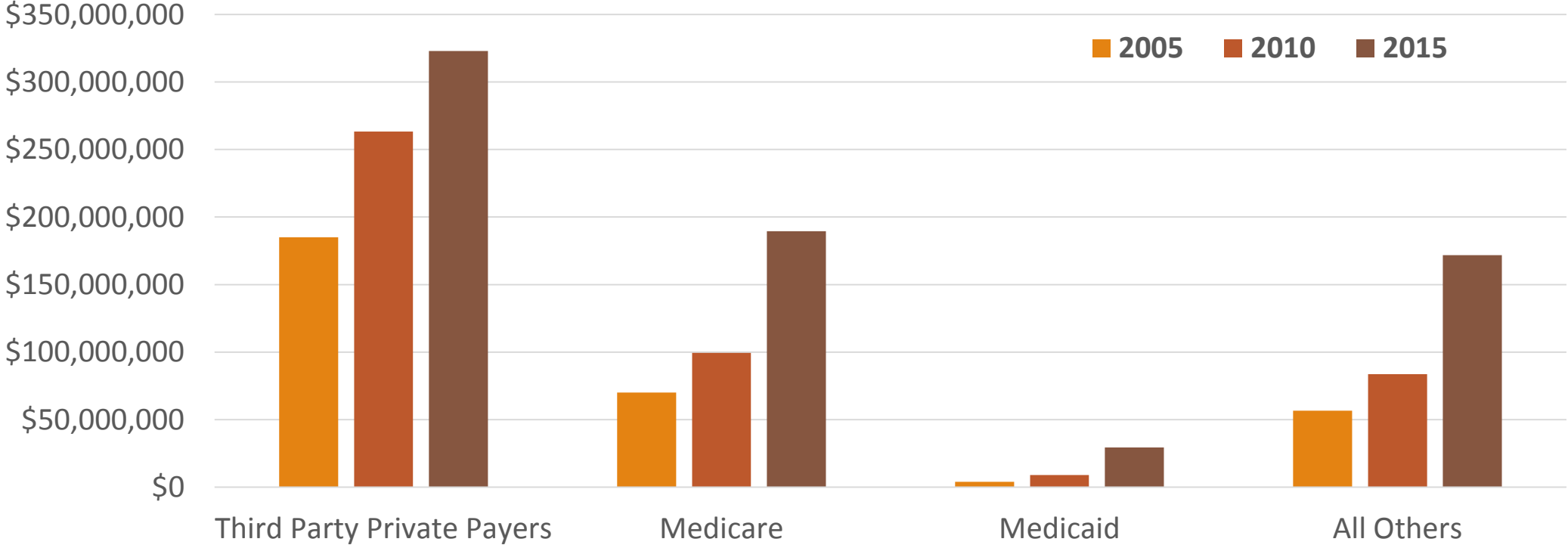


Note: Limited specialty refers to facilities that performed cases in 2 or 3 specialties; multi-specialty are facilities with 4 or more specialties.
2015 numbers are estimated based on 2014 survey.

ASF Surgery Cases by Type of Facility

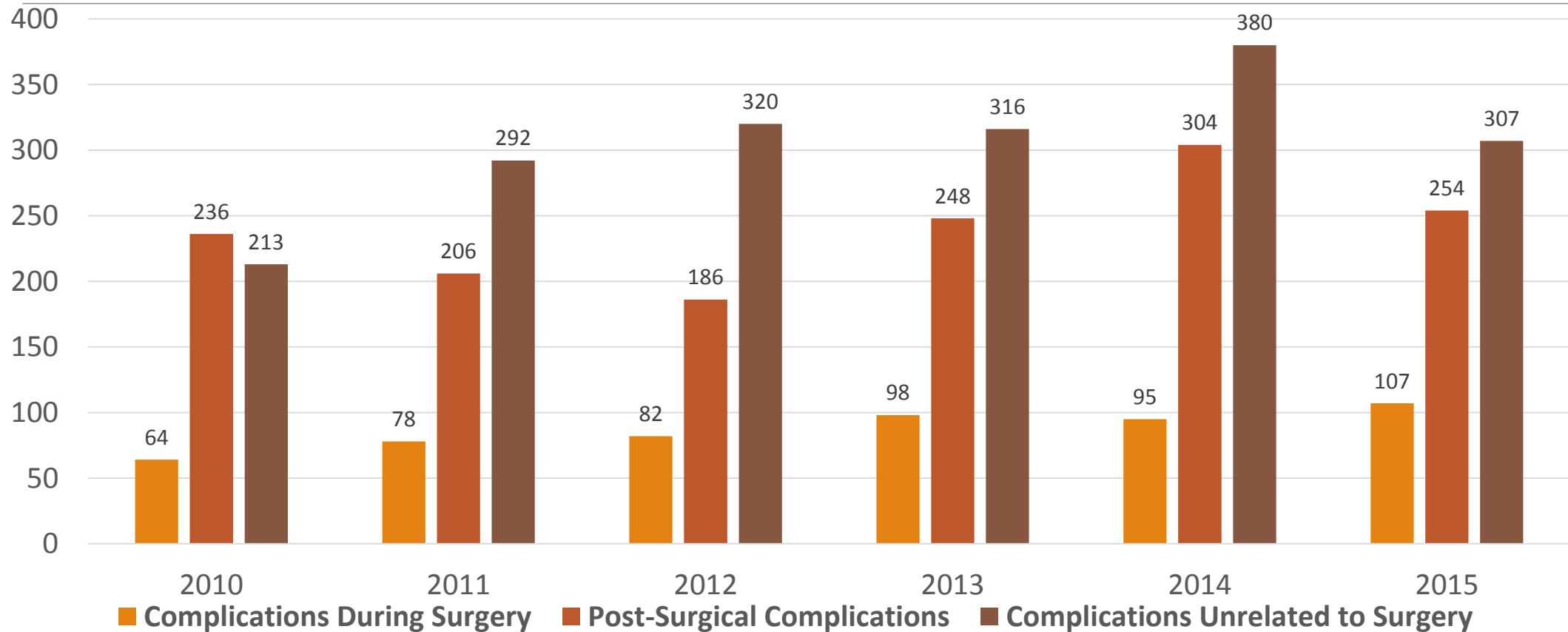


ASF Net Revenue by Payer



Note: "All Others" includes Self-pay, TRICARE, Worker's Compensation and Other Plans.

Patients Transfers to Hospitals from ASFs



Note: The rate of patient transfers remains stable between 0.09% and 0.10%.