

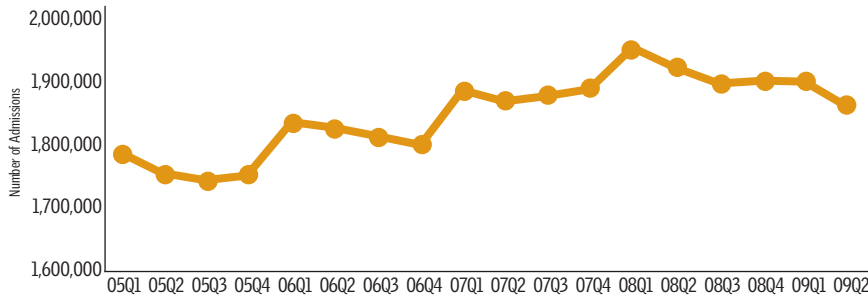
FACTFILE

Orthopedic Trends

Orthopedic admissions by commercially insured patients continue to grow, affecting the overall orthopedic market. Indeed, while the volume of Medicare admissions with an orthopedic diagnosis has been decreasing slightly since 2007, the commercially insured admissions are beginning to surpass the government insurer's in terms of volume.

ORTHOPEDIC DIAGNOSIS ADMISSIONS

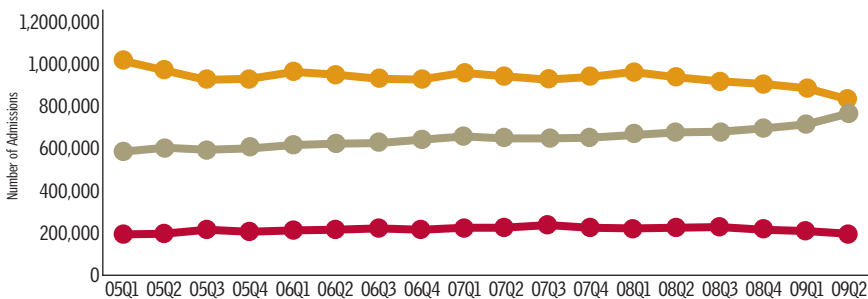
Since a peak in the first quarter of 2008, total admissions with an orthopedic diagnosis have returned to levels seen in early 2007. And in the first quarter of 2009, the seasonal quarterly peak was muted compared to previous years.



SOURCE: MarketScan® Hospital Drug Database. Thomson Reuters.

ORTHOPEDIC HOSPITAL ADMISSIONS BY PAYER

Medicare hospital admissions have shown a noticeable decline starting in 2008. Meanwhile, commercially insured patients with an orthopedic diagnosis continue to climb steadily.



SOURCE: MarketScan® Hospital Drug Database. Thomson Reuters.

INPATIENT ORTHOPEDIC PROCEDURES

The volume of admissions for commercially insured patients with an orthopedic procedure continues to grow at a compound annual growth rate of 4.1%.



SOURCE: MarketScan® Hospital Drug Database. Thomson Reuters.

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Orthopedic Procedures by Age

Here is a look at some orthopedic hospital procedures based on age. These figures for 2006 show that the rate per 10,000 population varies significantly by age group.

Total hip replacement (procedures per 10,000)

AGE	TOTAL	MALE	FEMALE
18-24	N/A	N/A	N/A
25-44	1.5	1.6	1.4
45-54	8.3	9.0	7.6
55-64	17.7	18.9	16.7
65-74	35.8	31.5	39.4
75-84	34.2	29.1	37.7
85+	25.8	N/A	26.4

Partial hip replacement (procedures per 10,000)

AGE	TOTAL	MALE	FEMALE
18-24	0.8	N/A	N/A
25-44	3.8	3.6	4.0
45-54	8.6	8.1	9.1
55-64	10.8	10.9	10.7
65-74	21.2	12.8	28.3
75-84	43.7	28.6	54.0
85+	80.3	45.5	96.6

Total knee replacement (procedures per 10,000)

AGE	TOTAL	MALE	FEMALE
18-24	N/A	N/A	N/A
25-44	1.3	0.9	N/A
45-54	12.2	8.4	15.8
55-64	47.9	37.9	57.3
65-74	99.3	76.0	119.0
75-84	93.4	85.8	98.5
85+	34.6	48.3	28.3

Amputation of lower limb (procedures per 10,000)

AGE	TOTAL	MALE	FEMALE
18-24	N/A	N/A	N/A
25-44	1.5	2.0	1.9
45-54	4.3	6.7	4.9
55-64	8.4	12.2	57.3
65-74	13.7	20.3	8.1
75-84	20.3	29.3	14.2
85+	16.6	N/A	6.7

SOURCE: CDC Health Data Interactive. National Hospital Discharge Survey. <http://205.207.175.93/HDI/TableViewer/tableView.aspx?ReportId=605>

Upcoming Topic:

> Surgical Trends

FACT FILE PARTNER:



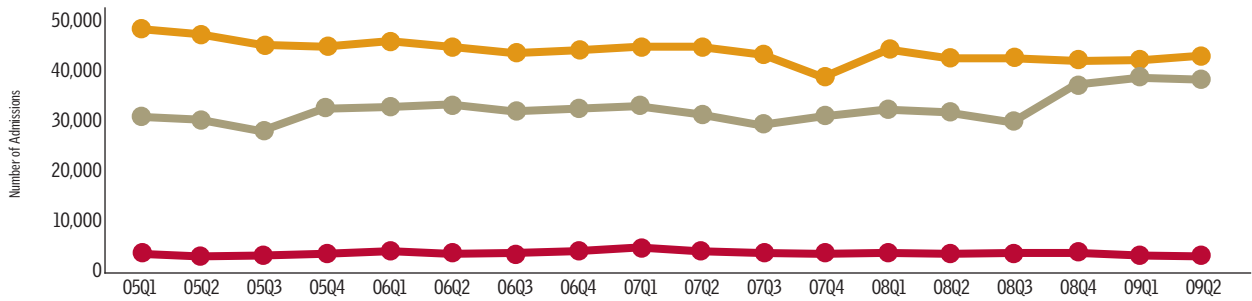
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INPATIENT HIP REPLACEMENT SURGERY

Commercially insured hip replacements are in line with the overall orthopedic trend, and are expected to surpass Medicare-insured hip replacements this year.

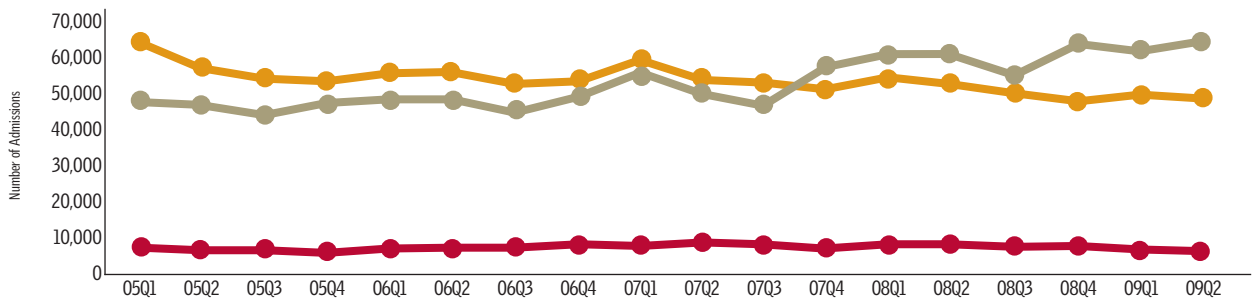


SOURCE: MarketScan® Hospital Drug Database. Thomson Reuters.

■ Medicare ■ Commercial ■ All other payers

INPATIENT KNEE REPLACEMENT SURGERY

In late 2007, knee replacement surgery for commercially insured admissions surpassed those for Medicare admissions, and by late 2008 had increased that differential by more than 10,000 procedures.

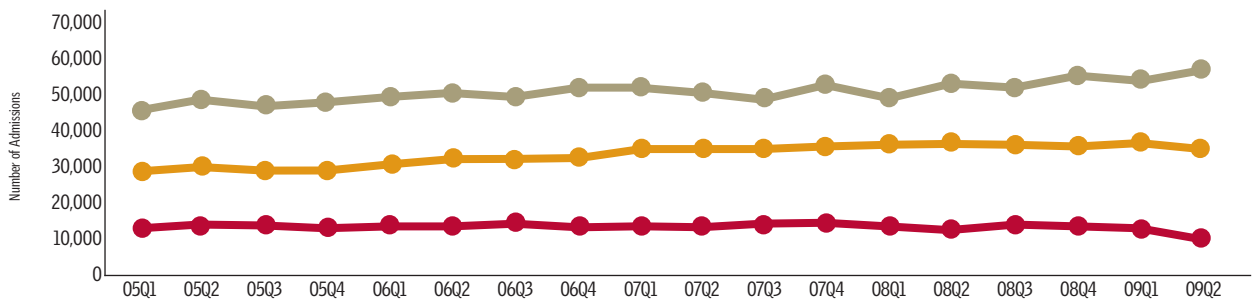


SOURCE: MarketScan® Hospital Drug Database. Thomson Reuters.

■ Medicare ■ Commercial ■ All other payers

SPINAL FUSION PROCEDURES

Admissions with a spinal fusion procedure have been growing across all major payers; however, there is some question whether this growth is sustainable in the face of decreasing diagnosis rates for some indications, such as pathological vertebral fractures.

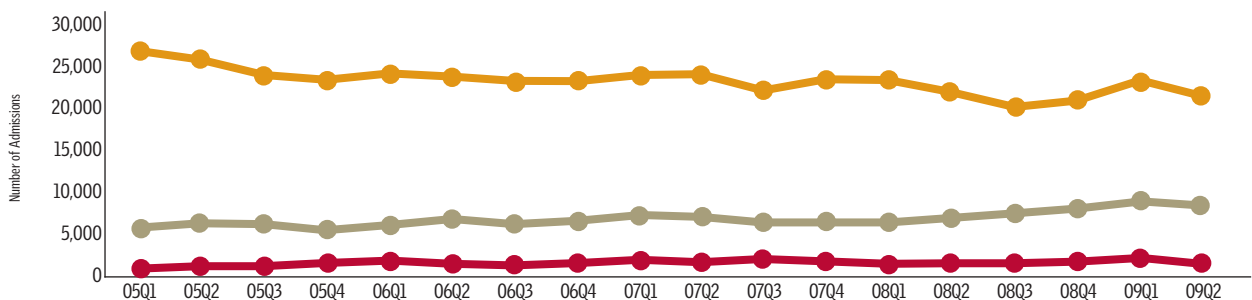


SOURCE: MarketScan® Hospital Drug Database. Thomson Reuters.

■ Medicare ■ Commercial ■ All other payers

PATHOLOGICAL VERTEBRAL FRACTURES

Although there has been a modest rise in admissions for commercially insured patients with vertebral fractures, there has been a significant drop in Medicare admissions. That decline may indicate that the focus on bone health is paying off.



SOURCE: MarketScan® Hospital Drug Database. Thomson Reuters.

■ Medicare ■ Commercial ■ All other payers

