Q2 2023

National Healthcare & Life Sciences Real Estate Investor Update



Medical Office Executive Summary



\$1.8 Billion

Q2 MOB Sales Volume



7.1% Q2 Average Cap Rate



\$283 Q2 Average PPSF

Note: Arrows indicate change from previous quarter

- Healthcare real estate transaction volume in the second quarter totaled \$1.8 billion, on
 par with the previous quarter. The year-to-date medical office sales volume of \$3.5 billion
 is down 62% from the \$9.2 billion recorded in the first half of 2022. However, the number
 of properties exchanged year-to-date is only down 15.6% from the first half of 2022,
 indicating a slowdown in portfolio transactions with the average deal size year-to-date
 standing at \$9.6 million.
- Cap rates for medical office averaged 7.1% in Q2 2023, consistent with the previous quarter. On a trailing 12-month basis, cap rates averaged 6.6% at the end of second quarter, representing a 48 bps increase year-over-year. However, most core profile medical assets are trading between 5.50% and 6.00%.
- Healthcare merger and acquisition announcements increased in the second quarter totaled 20, compared to 15 announced M&As in Q1. M&A activity in the healthcare space caught up to pre-pandemic volumes in terms of the total number of transactions and total transaction revenue.

Source: CBRE Research, RCA, Revista, and Kauffman & Hall

CBRE

Figure 1: Q2 2023 Medical Office Sales Volume

Region	#	Volume (\$)	Volume SF	Average \$/PSF
West	31	\$240,045,899	685,468	\$350
Southwest	27	\$473,861,164	1,453,693	\$326
Southeast	73	\$552,052,323	1,910,616	\$289
Midwest	23	\$117,418,264	368,455	\$319
Northeast	20	\$320,175,000	1,359,504	\$236
Mid-Atlantic	18	\$99,553,451	602,489	\$165
TOTAL	192	\$1,803,106,101	6,380,225	\$283

Figure 2: Cap Rates [Non-weighted, 12-mo. moving average]



Figure 3: Price Per Square Foot [\$/SF, 12-mo. moving average]



\$311 Average \$/SF (Q2 2023 12-mo. Avg.)

Note: Graphs and Data Courtesy of Real Capital Analytics.

Select Q2 2023 Healthcare Real Estate Transactions by Region

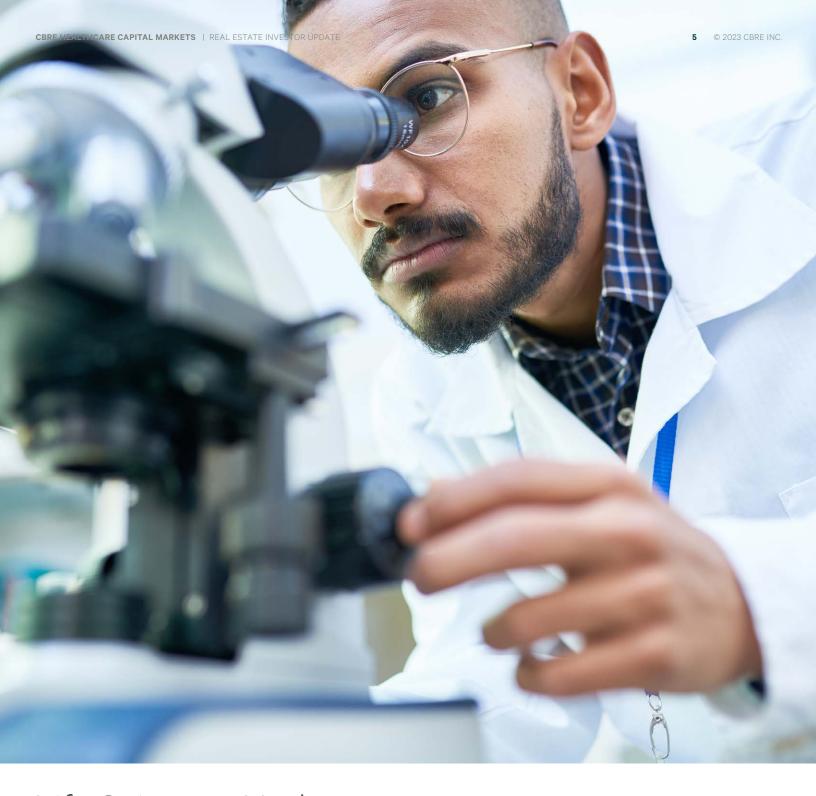
Date	Property Name	City / State	Year Built	Price	SF	\$/SF
May-23	The Everett Clinic - Arlington	Seattle, WA	2022	\$32,454,409	68,424	\$474
May-23	Atlantic Medical Center (SOLD BY CBRE)	Long Beach, CA	1981	\$29,000,000	67,772	\$428
Apr-23	Wasatch Renal Center	South Salt Lake, UT	2018	\$28,915,000	51,591	\$560
May-23	Fresno-Herndon Medical Plaza (Phase 1)	Fresno, CA	1993	\$13,880,000	38,621	\$359
Jun-23	Austin VA Clinic (SOLD BY CBRE)	Austin, TX	2013	\$142,000,000	272,636	\$521
Jun-23	OCOM Portfolio (4 of 4)	Oklahoma City, OK	2001 - 2007	\$66,000,000	132,881	\$497
Jun-23	Rocky Vista Medical Education (SOLD BY CBRE)	Parker, CO	2008	\$48,350,000	145,080	\$333
Apr-23	Dry Creek Medical Campus (SOLD BY CBRE)	Englewood, CO	2000 - 2019	\$37,500,000	68,195	\$550
Jun-23	Piedmont Fayette Hospital Campus (2 of 2) (SOLD BY CBRE)	Fayetteville, GA	2006	\$66,700,000	192,363	\$347
May-23	Colonnade Parkway MOB	Birmingham, AL	2012	\$28,000,000	72,555	\$386
May-23	Duke Health (SOLD BY CBRE)	Durham, NC	1986	\$20,706,667	56,604	\$366
Jun-23	AHR Atlanta Medical Office Portfolio (3 of 3) (SOLD BY CBRE)	Atlanta, GA	1945-2009	\$14,610,000	74,650	\$196
	May-23 May-23 Apr-23 Jun-23 Jun-23 Apr-23 Jun-23 May-23 May-23	May-23 The Everett Clinic - Arlington May-23 Atlantic Medical Center (SOLD BY CBRE) Apr-23 Wasatch Renal Center May-23 Fresno-Herndon Medical Plaza (Phase 1) Jun-23 Austin VA Clinic (SOLD BY CBRE) Jun-23 OCOM Portfolio (4 of 4) Jun-23 Rocky Vista Medical Education (SOLD BY CBRE) Apr-23 Dry Creek Medical Campus (SOLD BY CBRE) Jun-23 Piedmont Fayette Hospital Campus (2 of 2) (SOLD BY CBRE) May-23 Colonnade Parkway MOB May-23 Duke Health (SOLD BY CBRE) AHR Atlanta Medical Office Portfolio (3 of 3)	May-23 The Everett Clinic - Arlington Seattle, WA May-23 Atlantic Medical Center (SOLD BY CBRE) Long Beach, CA Apr-23 Wasatch Renal Center South Salt Lake, UT May-23 Fresno-Herndon Medical Plaza (Phase 1) Fresno, CA Jun-23 Austin VA Clinic (SOLD BY CBRE) Austin, TX Jun-23 OCOM Portfolio (4 of 4) Oklahoma City, OK Jun-23 Rocky Vista Medical Education (SOLD BY CBRE) Parker, CO Apr-23 Dry Creek Medical Campus (SOLD BY CBRE) Englewood, CO Jun-23 Piedmont Fayette Hospital Campus (2 of 2) (SOLD BY CBRE) Fayetteville, GA May-23 Colonnade Parkway MOB Birmingham, AL May-23 Duke Health (SOLD BY CBRE) Durham, NC Atlanta GA	May-23The Everett Clinic - ArlingtonSeattle, WA2022May-23Atlantic Medical Center (SOLD BY CBRE)Long Beach, CA1981Apr-23Wasatch Renal CenterSouth Salt Lake, UT2018May-23Fresno-Herndon Medical Plaza (Phase 1)Fresno, CA1993Jun-23Austin VA Clinic (SOLD BY CBRE)Austin, TX2013Jun-23OCOM Portfolio (4 of 4)Oklahoma City, OK2001 - 2007Jun-23Rocky Vista Medical Education (SOLD BY CBRE)Parker, CO2008Apr-23Dry Creek Medical Campus (SOLD BY CBRE)Englewood, CO2000 - 2019Jun-23Piedmont Fayette Hospital Campus (2 of 2) (SOLD BY CBRE)Fayetteville, GA2006May-23Colonnade Parkway MOBBirmingham, AL2012May-23Duke Health (SOLD BY CBRE)Durham, NC1986Inp.23AHR Atlanta Medical Office Portfolio (3 of 3)Atlanta CA1945-2008	May-23 The Everett Clinic - Arlington Seattle, WA 2022 \$32,454,409 May-23 Atlantic Medical Center (SOLD BY CBRE) Long Beach, CA 1981 \$29,000,000 Apr-23 Wasatch Renal Center South Salt Lake, UT 2018 \$28,915,000 May-23 Fresno-Herndon Medical Plaza (Phase 1) Fresno, CA 1993 \$13,880,000 Jun-23 Austin VA Clinic (SOLD BY CBRE) Austin, TX 2013 \$142,000,000 Jun-23 OCOM Portfolio (4 of 4) Oklahoma City, OK 2001 - 2007 \$66,000,000 Jun-23 Rocky Vista Medical Education (SOLD BY CBRE) Parker, CO 2008 \$48,350,000 Apr-23 Dry Creek Medical Campus (SOLD BY CBRE) Englewood, CO 2000 - 2019 \$37,500,000 Jun-23 Piedmont Fayette Hospital Campus (2 of 2) (SOLD BY CBRE) Fayetteville, GA 2006 \$66,700,000 May-23 Colonnade Parkway MOB Birmingham, AL 2012 \$28,000,000 May-23 AHR Atlanta Medical Office Portfolio (3 of 3) Atlanta, RA 1966 \$20,706,667	May-23 The Everett Clinic - Arlington Seattle, WA 2022 \$32,454,409 68,424 May-23 Atlantic Medical Center (SOLD BY CBRE) Long Beach, CA 1981 \$29,000,000 67,772 Apr-23 Wasatch Renal Center South Salt Lake, UT 2018 \$28,915,000 51,591 May-23 Fresno-Herndon Medical Plaza (Phase 1) Fresno, CA 1993 \$13,880,000 38,621 Jun-23 Austin VA Clinic (SOLD BY CBRE) Austin, TX 2013 \$142,000,000 272,636 Jun-23 OCOM Portfolio (4 of 4) Oklahoma City, OK 2001 - 2007 \$66,000,000 132,881 Jun-23 Rocky Vista Medical Education (SOLD BY CBRE) Parker, CO 2008 \$48,350,000 145,080 Apr-23 Dry Creek Medical Campus (SOLD BY CBRE) Englewood, CO 2000 - 2019 \$37,500,000 68,195 Jun-23 Piedmont Fayette Hospital Campus (2 of 2) (SOLD BY CBRE) Fayetteville, GA 2006 \$66,700,000 192,363 May-23 Colonnade Parkway MOB Birmingham, AL 2012 \$28,000,000 72,555

Note: Sales data provided by Real Capital Analytics, Revista, CoStar, RealQuest, SEC Filings, Press Articles, and CBRE Research.

The Medical Office Building (MOB) asset class has experienced consistent growth in occupancy, retention rates, and market rent despite abnormal market conditions.

Note: Sales data provided by Real Capital Analytics, Revista, CoStar, RealQuest, SEC Filings, Press Articles, and CBRE Research.





Life Sciences Update

- The average lab/R&D vacancy rate for the top 13 markets tracked by CBRE rose by more than 2% quarter-over-quarter and more than 4% year-over-year to 9.0%. The Q2 vacancy rate exceeded the historical average since 2016. The sharp rise in vacancy was partly due to 3.4 million sq. ft. of new construction deliveries in Q2 that were 45% preleased.
- Life sciences venture capital increased slightly in Q2 after a slow start to the year. After peaking in 2021, rolling-four-quarter venture capital totals have declined, albeit at an increasingly lower rate as investor sentiment improves.
- Nearly 41 million sq. ft. of new life sciences space and conversions were under construction in Q2, with 25% of it preleased. Approximately 12 million sq. ft. is scheduled for delivery this year.

Select Q2 2023 Life Science Transactions



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DATE	PROPERTY NAME	CITY, STATE	YEAR BUILT	PRICE	SQ. FT.	\$/\$Q.FT.
Jun-23	Alexandria MA Office Portfolio 2023 (5 of 5)	Waltham, MA	1960 - 2001	\$365,000,000	443,356	\$823
May-23	11119 N Torrey Pines Rd	La Jolla, CA	1990	\$86,000,000	72,506	\$1,186
Apr-23	15 Necco Street	Boston, MA	2023	\$66,108,000	345,995	\$1,186



Manufacturing

Apr-23 149 Hayes Memorial Dr	Carlsbad, CA	2022	\$91,000,000	140,000	\$650
Jun-23 Canon Medical HQ	Tustin, CA	1980	\$32,040,000	117,805	\$272



Conversion

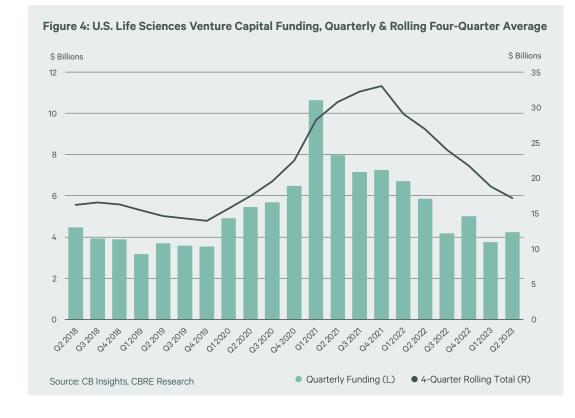
Apr-23 959 & 999 Skyway Rd	San Carlos, CA	2000	\$102,000,000	244,010	\$418
May-23 5825 Oberlin Dr	San Diego, CA	1985	\$36,000,000	60,518	\$595
Apr-23 5670 Oberlin Dr	San Diego, CA	1984	\$11,250,000	20,000	\$563



Campus

Apr-23 120 Via Merida	Westlake Village, CA	1998	\$17,750,000	98,626	\$180

Sales data provided by Real Capital Analytics, CoStar, RealQuest, SEC Filings, Press Articles, and CBRE Research.



Life sciences venture capital funding

- Life sciences venture capital funding increased slightly quarter-over-quarter in Q2 to \$4.2 billion, bringing the year-todate total to \$8.0 billion.
- Rolling-four-quarter venture capital funding has been declining every quarter since peaking at \$33 billion in Q4 2021 and totaled \$17 billion in Q2 2023. However, Q2 2023 funding was on par with late 2019 and early 2020 quarterly totals. before the pandemic-era surge



Debt Market Update

- The Federal Reserve's 25 bps short-term rate hike on July 27th brought the federal funds rate to a target range of 5.25% to 5.50%. With an eye on the labor market, the consensus is the Fed will pause this month with a smaller predicted potential of an increase in Nov (economist survey is ~35% today vs. 60% a few weeks ago). In general, spreads have widened by 10-15 bps through midyear.
- The Treasury yield curve became more steeply inverted in Q2 as investors anticipated the additional rate increase by the Federal Reserve. The two-year Treasury yield exceeds the 10-year yield by approximately 70 bps as of September 13th, up from 56 bps on March 31st. The gap between Treasuries and Swaps is around 30 bps, depending on the duration.
- Banks continue to prioritize cash-flowing, stabilized assets at moderate leverage with spreads from the upper 100's to mid-200's bps, depending on the size and durability of cash flow. Debt funds are targeting value-add transactions with sensible business plans and timelines at spreads from 400-500+ with incrementally more leverage (70-75% LTC). Life Cos are competitive at lower leverage (~50%), long WALT deals, and remain very efficiently priced in the mid-100s bps spread over corresponding treasuries.
- Approximately 43% of bank loans were refinanced, 25% were for construction projects and the remainder were for acquisitions. The percentage of partial- to full-term interest-only loans reached a new record high of 82.1% in Q2.

Source: CBRE Research and Federal Reserve Bank

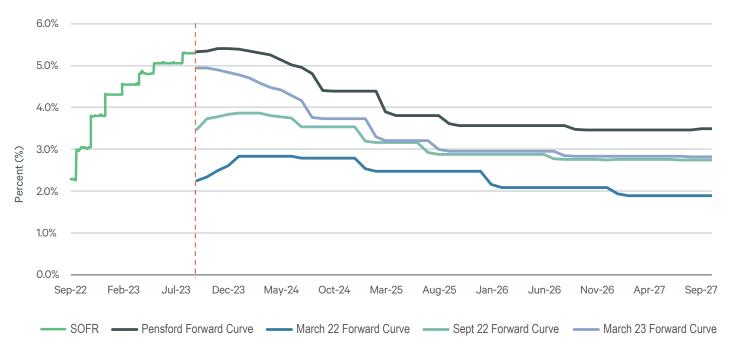
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	Loan Volume Q2 2023	Loan Volume Q1 2023	% Change
Banks	43.4%	41.0%	2.4%
Life Cos	26.8%	23.2%	3.6%
Alt Lenders	26.0%	20.1%	5.9%
CMBS	3.8%	15.7%	-11.9%

Source: CBRE Research

^{*} Does not include agency volume

Figure 6: SOFR Curve Starting Rate



Source: Federal Reserve Bank of New York & Pensford

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Figure	/:	wonev	Rates

	9/13/23	8/13/23	9/13/22
Prime	8.50%	8.50%	5.50%
Tax Exempt AAA Rate (10 year GBA Rate)	2.92%	3.13%	3.03%
BBB Corp	6.08%	6.01%	5.35%
30-Day Term SOFR	5.30%	5.30%	2.28%
5-Year Term SOFR Swaps	4.20%	4.13%	3.37%
2-Year Treas.	5.00%	4.90%	3.75%
5-Year US Treas.	4.41%	4.31%	3.59%
10-Year US Treas.	4.27%	4.17%	3.42%
Dow Jones Avg	34,641	35,308	31,105
Difference between Treas. and Swaps*	30 bps	25 bps	25 bps

The CBRE-BlackBirch Healthcare Capital Markets team fully integrates experts in investment sales, debt & structured finance and investment banking across the continuum of care, including medical office, life sciences, specialized and general acute care, long-term acute care and other post-acute care operations.



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