# Commercial Real Estate in the Current Economy



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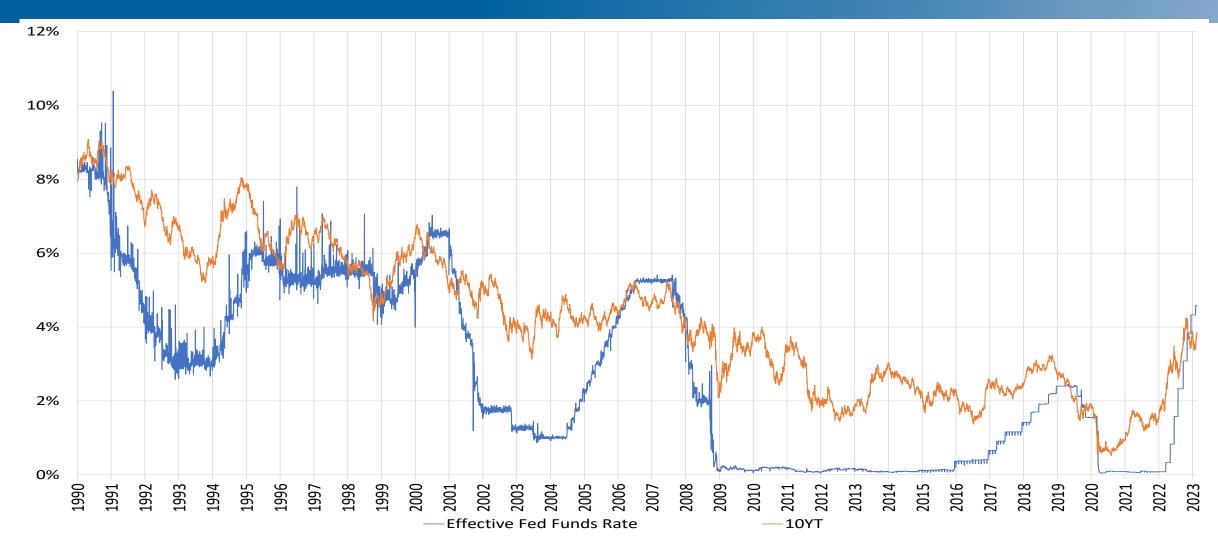
### **Components of Inflation**January 2023

Year-over-Year (YoY) Change in the Consumer Price Index

Date (		CPI-U	Core	Food & Beverages	Energy	Housing	Shelter	Fuels & Utilities	Household Ops	Home Ownership	Rent	Recreation	Lodging	Apparel	Transportation	Medical Care	Education	Communication	Other Goods & Svcs	Gasoline	New Vehicles	Used Vehicles
2023	Jan	6.3	5.6	9.9	8.4	8.3	7.9	13.2	5.9	7.8	8.6	4.8	7.7	3.0	3.6	3.1	3.4	-0.7	6.2	1.5	5.8	-11.6
2022	Dec	6.4	5.7	10.2	7.1	8.1	7.5	13.5	6.7	7.5	8.3	5.1	2.9	2.9	3.7	4.0	3.3	-1.1	6.4	-1.2	5.9	-8.8
	Nov	7.1	6.0	10.3	13.0	7.8	7.1	13.1	7.6	7.1	7.9	4.8	3.1	3.6	7.8	4.2	3.1	-1.1	7.0	10.1	7.2	-3.3
	Oct	7.8	6.3	10.6	17.6	7.9	6.9	14.2	8.4	6.9	7.5	4.1	5.8	4.1	11.2	5.0	3.0	-2.1	6.5	17.5	8.4	2.0
	Sep	8.2	6.6	10.8	19.9	8.0	6.6	17.0	9.3	6.7	7.2	4.1	3.0	5.5	12.6	6.0	3.1	-2.0	6.9	18.2	9.4	7.2
	Aug	8.2	6.3	10.9	23.9	7.8	6.3	17.3	9.9	6.3	6.7	4.1	4.1	5.0	13.4	5.4	3.1	-1.5	6.6	25.6	10.1	7.8
	Jul	8.5	5.9	10.5	32.9	7.4	5.7	16.7	10.1	5.8	6.3	4.4	1.2	5.1	16.4	4.8	2.6	-1.0	6.3	44.0	10.4	6.6
	Jun	9.0	5.9	10.0	41.5	7.3	5.6	17.7	9.5	5.5	5.8	4.6	10.1	5.2	19.6	4.5	2.7	-0.6	6.7	59.9	11.4	7.1
	May	8.5	6.0	9.7	34.4	6.9	5.4	15.5	8.9	5.1	5.2	4.5	19.3	5.0	19.3	3.7	2.5	-0.5	6.3	48.7	12.6	16.1
	Apr	8.2	6.2	9.0	30.2	6.5	5.1	13.0	9.9	4.8	4.8	4.3	19.7	5.4	19.8	3.2	2.5	-0.1	5.7	43.6	13.2	22.7
	Mar	8.6	6.5	8.5	32.2	6.4	5.0	12.5	10.1	4.5	4.4	4.8	25.1	6.8	22.5	2.9	2.5	0.9	5.5	48.0	12.5	35.3
	Feb	7.9	6.4	7.6	25.7	5.9	4.8	11.0	9.7	4.3	4.2	4.9	25.1	6.6	21.1	2.4	2.1	1.2	5.6	38.0	12.4	41.2
	Jan	7.5	6.0	6.7	27.0	5.7	4.4	11.9	9.0	4.1	3.8	4.8	20.5	5.3	20.9	2.5	2.1	1.3	4.9	40.0	12.2	40.5
	Dec	7.1	5.5	6.0	29.4	5.1	4.2	9.4	7.4	3.8	3.3	3.3	24.2	5.7	21.3	2.2	2.0	1.3	4.5	49.3	11.8	37.3
	Nov	6.8	4.9	5.8	33.1	4.8	3.9	9.8	6.4	3.5	3.0	3.2	22.2	5.0	21.1	1.7	2.1	1.3	4.4	57.8	11.1	31.4
	Oct	6.2	4.6	5.1	29.8	4.5	3.5	10.4	6.2	3.1	2.7	3.8	22.5	4.5	18.7	1.3	2.1	1.5	4.2	49.5	9.8	26.4
	Sep	5.4	4.0	4.5	24.9	3.9	3.2	8.3	5.1	2.9	2.4	3.5	17.5	3.4	16.5	0.4	2.0	1.5	3.4	42.0	8.7	24.4
2021	Aug	5.2	4.0	3.6 3.4	25.1	3.5 3.3	2.8	8.1	4.0	2.6	2.1	3.4 3.5	17.1	4.1	17.6	0.4 0.3	1.4	1.1 1.1	3.5 2.9	42.8 41.9	7.6 6.4	31.9 41.7
	Jul	5.3	4.3		23.8		2.8	7.2	3.7	2.4	1.9	2.4	21.0	4.1	19.1 21.4		1.1		2.5	41.9		45.2
	Jun May	5.3 4.9	4.5 3.8	2.3 2.1	28.0	3.1 2.9	2.6 2.2	6.6 6.4	4.1 4.6	2.3 2.1	1.9 1.8	1.6	15.0 9.2	4.9 5.7	19.8	0.4 0.9	1.2 1.0	2.8	2.5	56.5	5.3 3.3	29.7
	Apr	4.9	3.0	2.3	24.9	2.6	2.2	5.6	3.5	2.0	1.8	2.2	7.5	2.1	14.9	1.5	0.8	2.4	2.7	49.7	2.0	21.0
	Mar	2.7	1.6	3.4	13.3	2.1	1.7	4.4	3.2	2.0	1.8	1.1	-6.3	-2.5	6.0	1.8	0.8	2.1	2.4	22.6	1.5	9.4
	Feb	1.7	1.3	3.5	2.3	1.8	1.4	3.4	2.7	2.0	2.0	0.8	-15.0	-3.7	0.6	2.0	1.2	2.2	2.1	1.4	1.2	9.3
	Jan	1.4	1.4	3.7	-3.9	1.8	1.6	2.1	2.9	2.0	2.1	0.1	-11.5	-2.8	-1.4	2.0	1.3	2.1	2.1	-8.9	1.4	10.0
2020	Dec	1.3	1.6	3.8	-7.3	2.0	1.8	2.1	3.1	2.2	2.3	0.9	-9.7	-4.2	-2.6	1.8	1.4	2.4	2.4	-15.3	2.0	10.0
	Nov	1.1	1.6	3.7	-9.7	2.0	1.9	1.6	2.7	2.3	2.4	1.3	-11.0	-5.1	-3.4	2.4	1.3	2.4	1.7	-19.5	1.6	10.9
	Oct	1.2	1.6	3.8	-9.3	1.9	2.0	1.0	2.0	2.5	2.7	1.3	-13.5	-5.4	-3.5	2.9	1.4	2.8	1.9	-18.2	1.5	11.5
	Sep	1.4	1.7	3.8	-7.6	2.0	2.1	1.3	2.2	2.5	2.7	1.5	-13.1	-6.0	-3.1	4.2	1.5	2.7	2.3	-15.4	1.0	10.3
	Aug	1.3	1.7	3.9	-8.9	2.1	2.3	0.3	2.5	2.7	2.9	1.3	-11.5	-6.0	-4.1	4.4	1.7	2.7	2.2	-16.7	0.7	4.0
	Jul	1.0	1.6	3.9	-10.8	2.0	2.3	0.1	1.5	2.8	3.1	1.0	-13.5	-6.4	-5.8	5.0	2.2	2.4	2.7	-20.1	0.5	-0.9
	Jun	0.7	1.2	4.3	-12.2	2.0	2.4	0.2	1.4	2.8	3.2	1.6	-14.0	-7.2	-7.9	5.1	2.0	0.9	2.8	-23.1	-0.2	-2.8

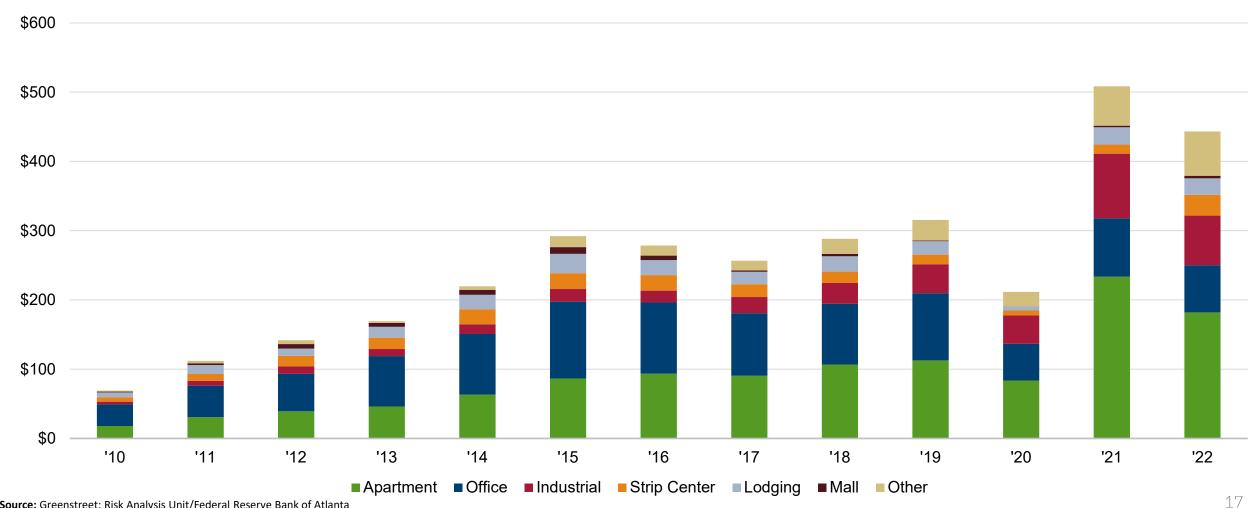
Source: Bureau of Labor Statistics; Center for Real Estate Excellence/Federal Reserve Bank of Atlanta

#### Fed Funds & Effective 10-Year Treasury Yield



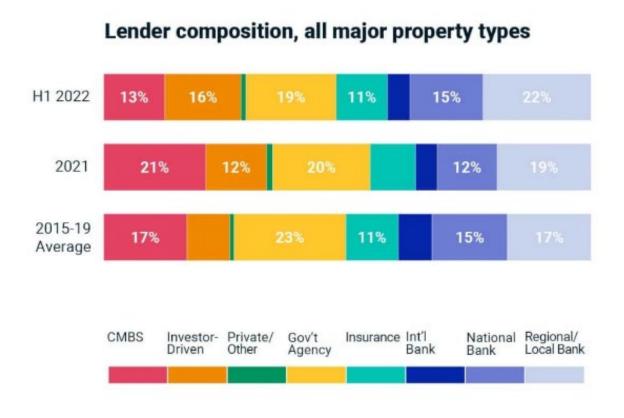
Source: Risk Analysis Unit/Federal Reserve Bank of Atlanta

#### **Annual CRE Transaction Volume (\$B)**



Source: Greenstreet; Risk Analysis Unit/Federal Reserve Bank of Atlanta

#### Lending



2015-2019 vs. 2022: Local/Regional Banks and Nonbanks have grown market share.

CMBS lending decreased dramatically compared to 2021.

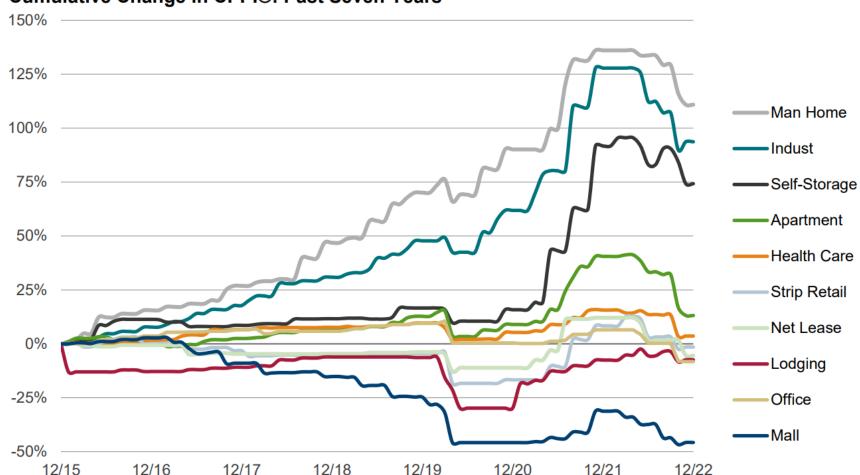
Investor-driven funds have driven competition but appear to be slowing lending as financing sources have dried up.

18

#### **Commercial Property Price Indices**

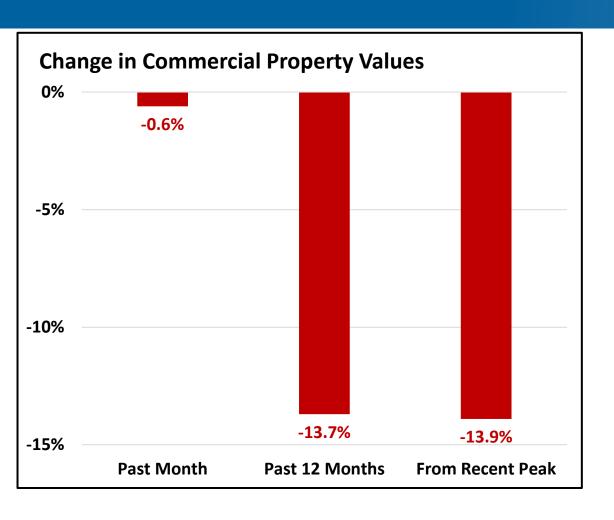
Includes both transactions and appraisals (February 2023)

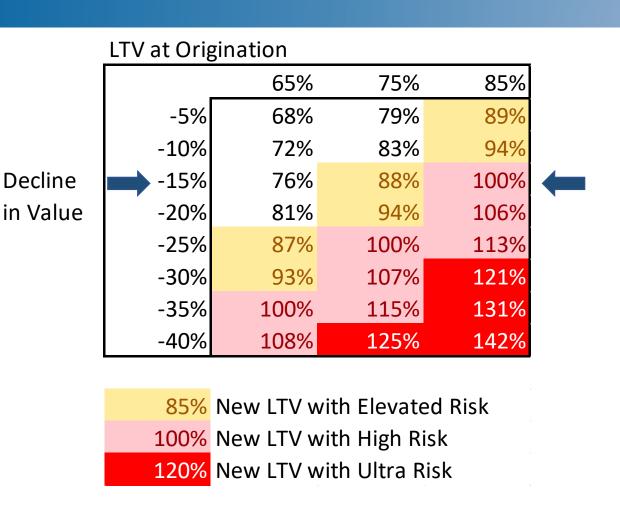




Change in CPPI					
	Past 12 Mos				
All Property	-13%				
Core Sector	-16%				
Apartment	-20%				
Industrial	-15%				
Mall	-21%				
Office	-14%				
Strip Retail	-13%				
Health Care	-10%				
Lodging	-5%				
Manufactured Home Park	-11%				
Net Lease	-16%				
Self-Storage	-11%				

#### Declining Value and Leverage = Increased Risk





Data: Feb 2023

Source: Greenstreet Advisors; Center for Real Estate Excellence/Federal Reserve Bank of Atlanta

#### Questions