



EPRA

EUROPEAN PUBLIC
REAL ESTATE ASSOCIATION

EPRA RESEARCH

Net Asset Value

June 2020

FTSE EPRA Nareit Global Real Estate Index Series

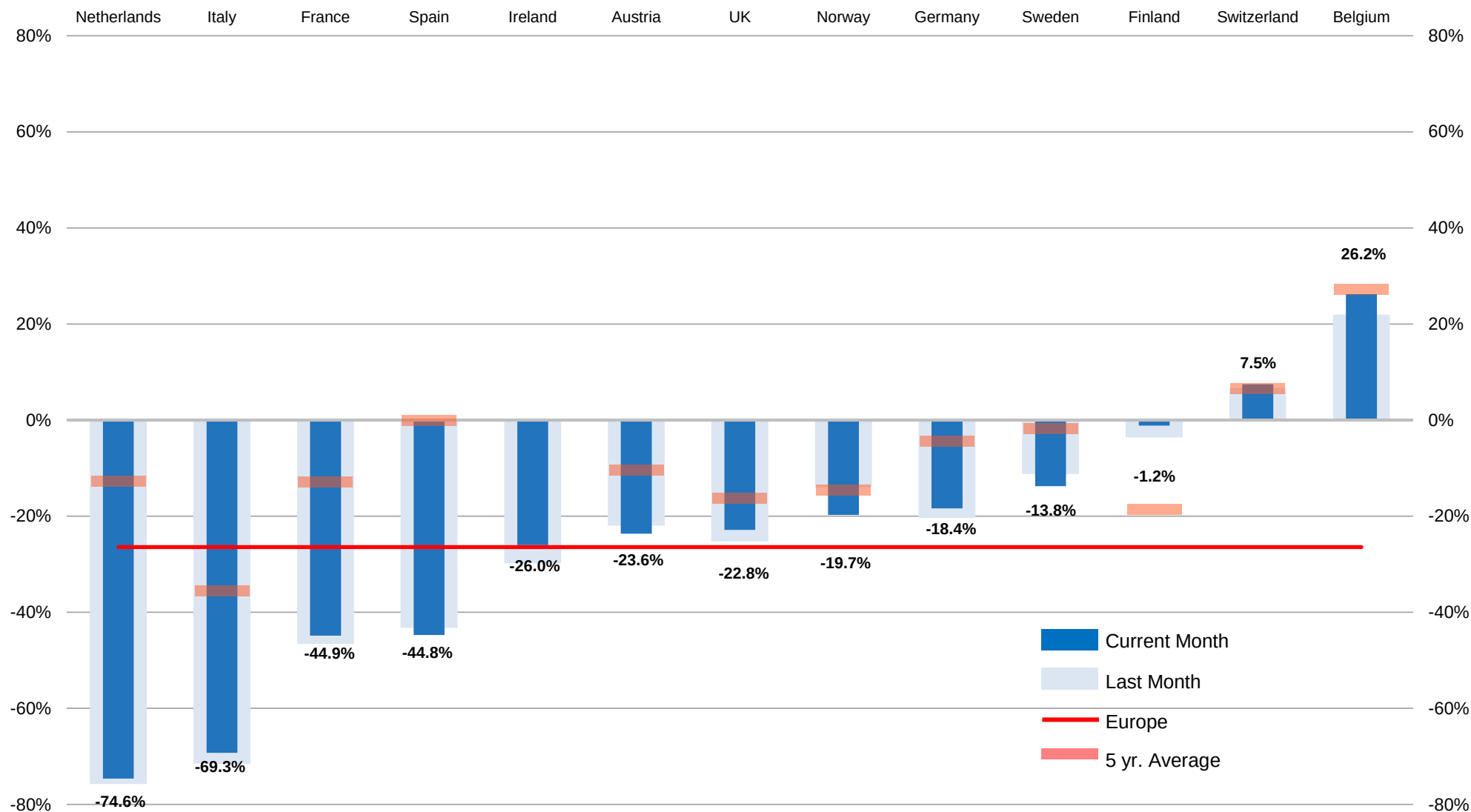
Content

Europe (Summary)	4	UK	29	Phoenix Spree Deutschland	41	Sweden	56
Discounts in Europe	4	Landsec	33	GCP Student Living	40	Hufvudstaden A	58
NAV Changes	11	British Land Corp.	33	Sirius Real Estate	42	Castellum	58
Agenda	13	Hammerson	33	LXi REIT	42	Fabege	58
Averages	14	Aberdeen Standard European Log.	33	Tritax Eurobox	42	Kungsleden	58
Latest NAVs	16	Derwent London Holdings	34			Wihlborgs Fastigheter	59
		Great Portland Estates	34	France	44	Klövern AB	59
		Shaftesbury	34	Gecina	46	Wallenstam	59
		Helical Bar	34	Icade	46	Fastighets AB Balder	59
Europe	17	BMO Commercial Property Trust	35	Klépierre	46	Dios Fastigheter	60
Focus	20	Big Yellow Group	35	Covivio	46	Samhällsbyggnadsbolaget	60
Sector	21	UK Commercial Property REIT	35	Carmila	47	Pandox AB	60
REITs	22	Workspace Group	35	Mercialys	47	Catena	60
		Grainger Trust	36			Nyfosa	61
		SEGRO	36	Netherlands	48	Atrium Ljungberg AB	61
		Capital & Counties Properties	36	Unibail - Rodamco - Westfield	50		
Europe ex UK	23	Triple Point Social Housing	36	Wereldhave	50	Belgium	62
Europe ex UK NAVs	26	Unite Group	37	Eurocommercial Properties	50	Cofinimmo	64
Focus	27	Primary Health Properties	37	NSI	50	Befimmo	64
REITs	28	LondonMetric Property	37	Vastned Retail	51	Intervest Offices	64
		Schroder Real Estate Inv Trust	37			Wereldhave Belgium	64
		Picton Property	38	Germany	52	WDP	65
		RDI REIT	38	Deutsche Euroshop	54	Leasinvest	65
		Tritax Big Box REIT	38	Deutsche Wohnen	54	Aedifica	65
		Target Healthcare REIT	38	Alstria Office REIT	54	Retail Estates	65
		BMO UK Real Estate Investment	39	Aroundtown	54	Xior Student Housing	66
		Standard Life Inv Prop Inc Trust	39	LEG Immobilien	55	Montea	66
		Civitas Social Housing	39	Hamborner REIT	55	Ascencio REIT	66
		Safestore	39	TAG Immobilien	55		
		Assura Plc	40	Grand City Properties	55		
		Empiric Student Property	40	Vonovia	56		
		Impact Healthcare REIT	40	TLG Immobilien	56		
		Regional REIT	39	ADO Properties SA	56		
		NewRiver REIT	41				
		Custodian REIT	41				

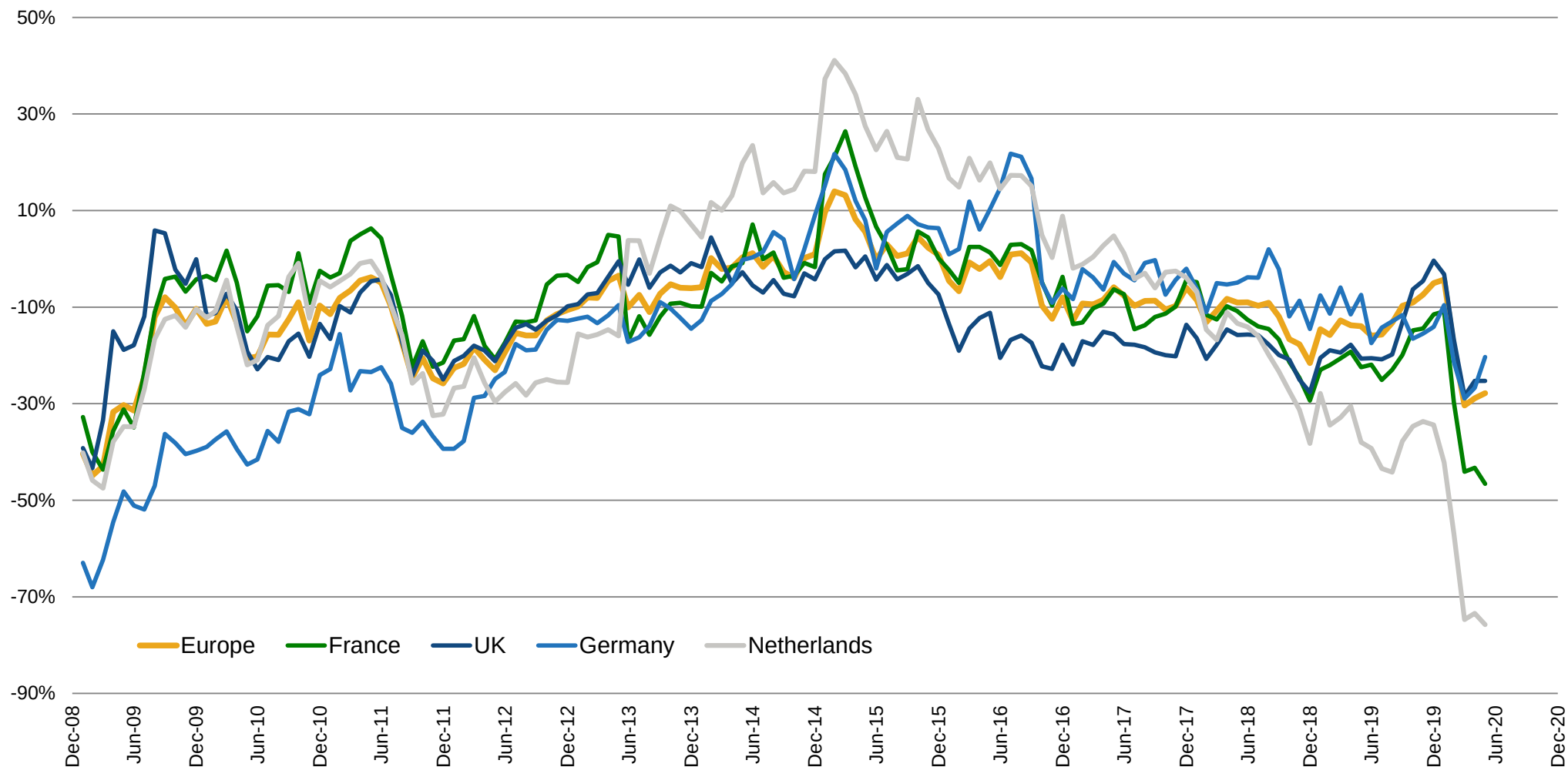
Content

Switzerland	67	Spain	83
PSP Swiss Property	69	Inmobiliaria Colonial	85
Swiss Prime Site	69	Merlin Properties	85
Allreal Holdings	69	Lar Espana Real Estate	85
Mobimo Holding	69		
HIAG Immobilien	70		
Intershop Holdings	70		
Austria	71	Ireland	87
CA Immo	73	Hibernia REIT	89
		Irish Residential Properties	89
Finland	74	Index Constituents	90
Citycon	76		
Kojamo	76		
Norway	77	Methodology	##
Entra ASA	79		
Italy	80		
Immobiliare Grande Distribuzione	82		

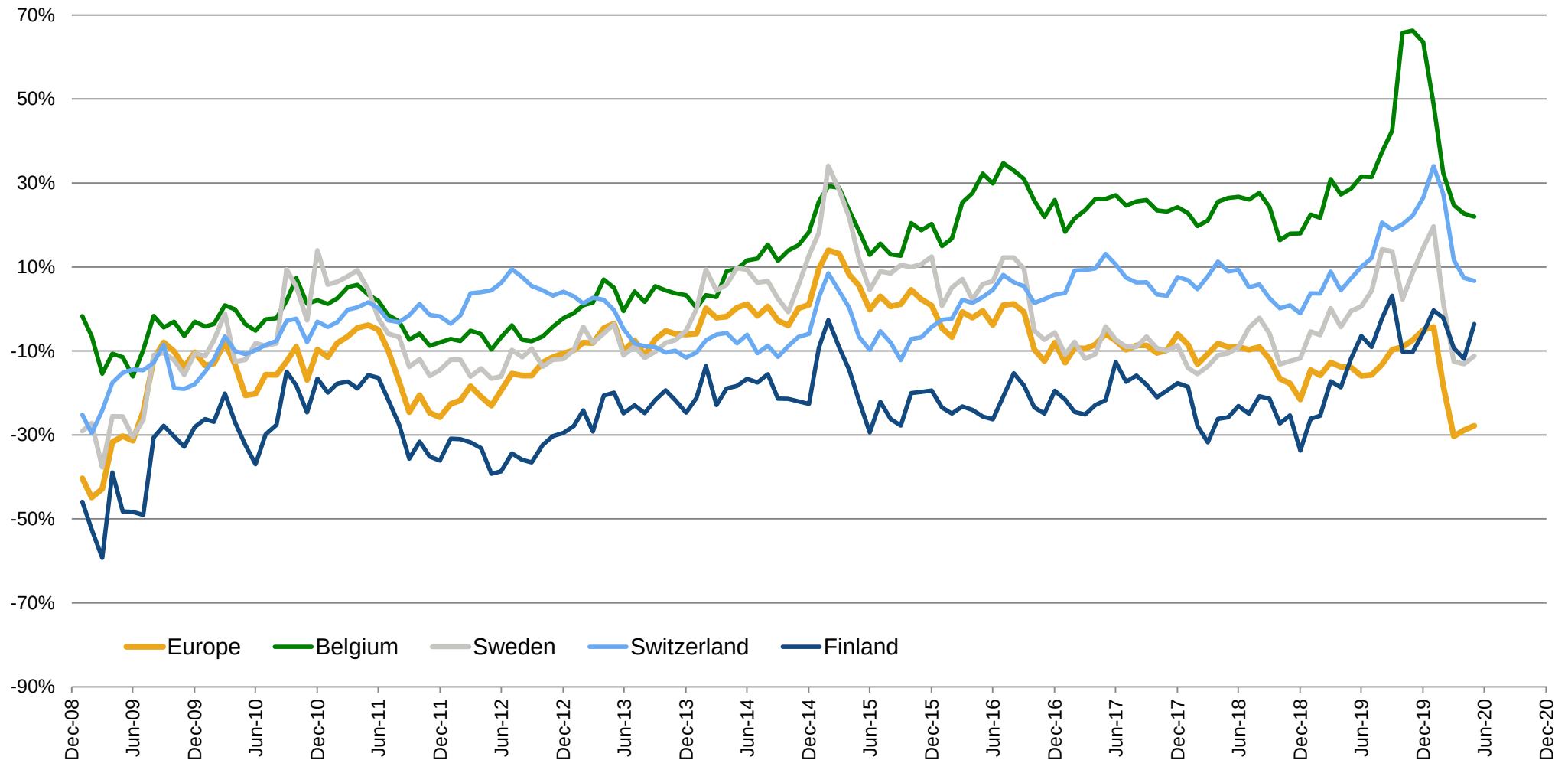
Discounts in Europe (June 30th, 2020)



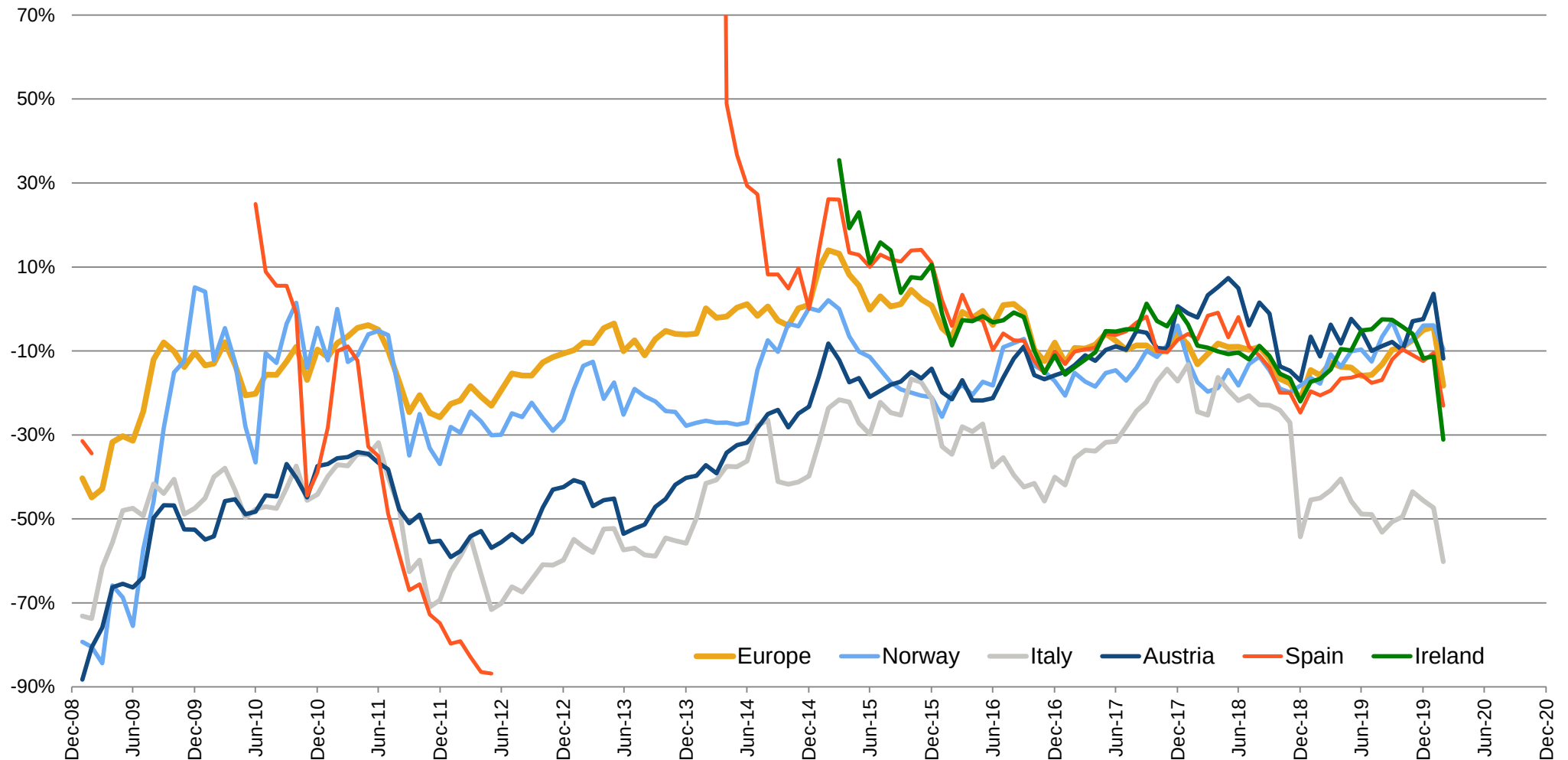
Discounts to Latest Published NAVs in Europe



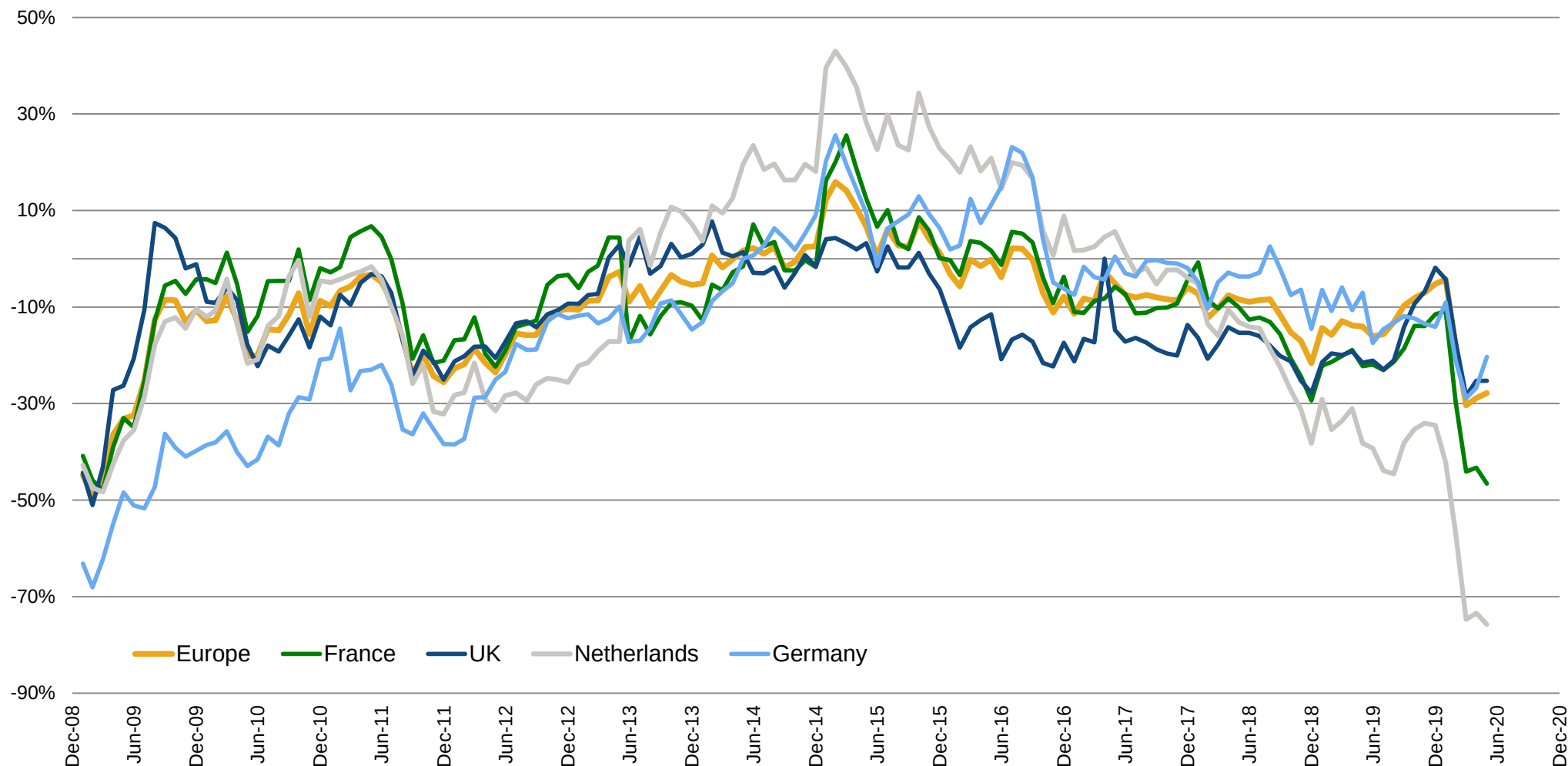
Discounts to Latest Published NAVs in Europe



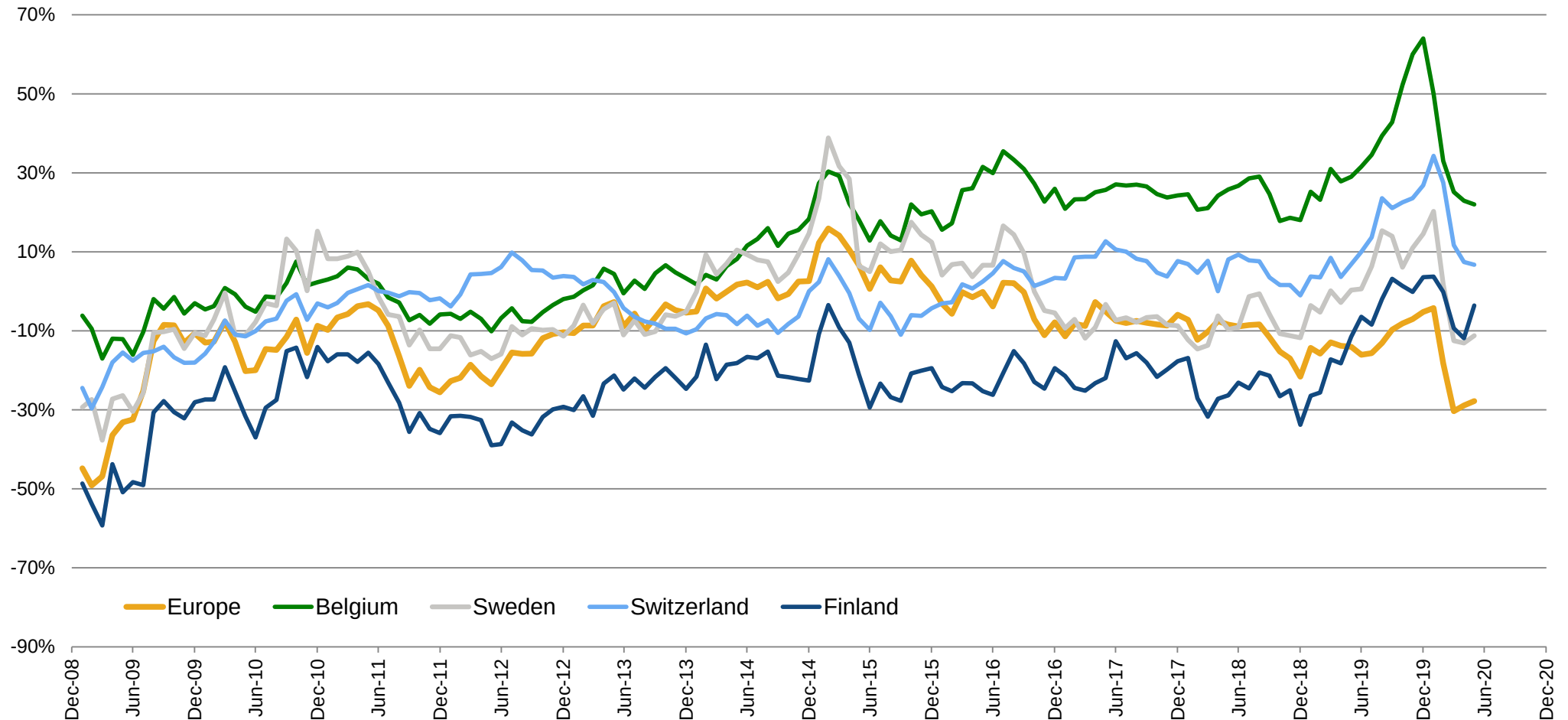
Discounts to Latest Published NAVs in Europe



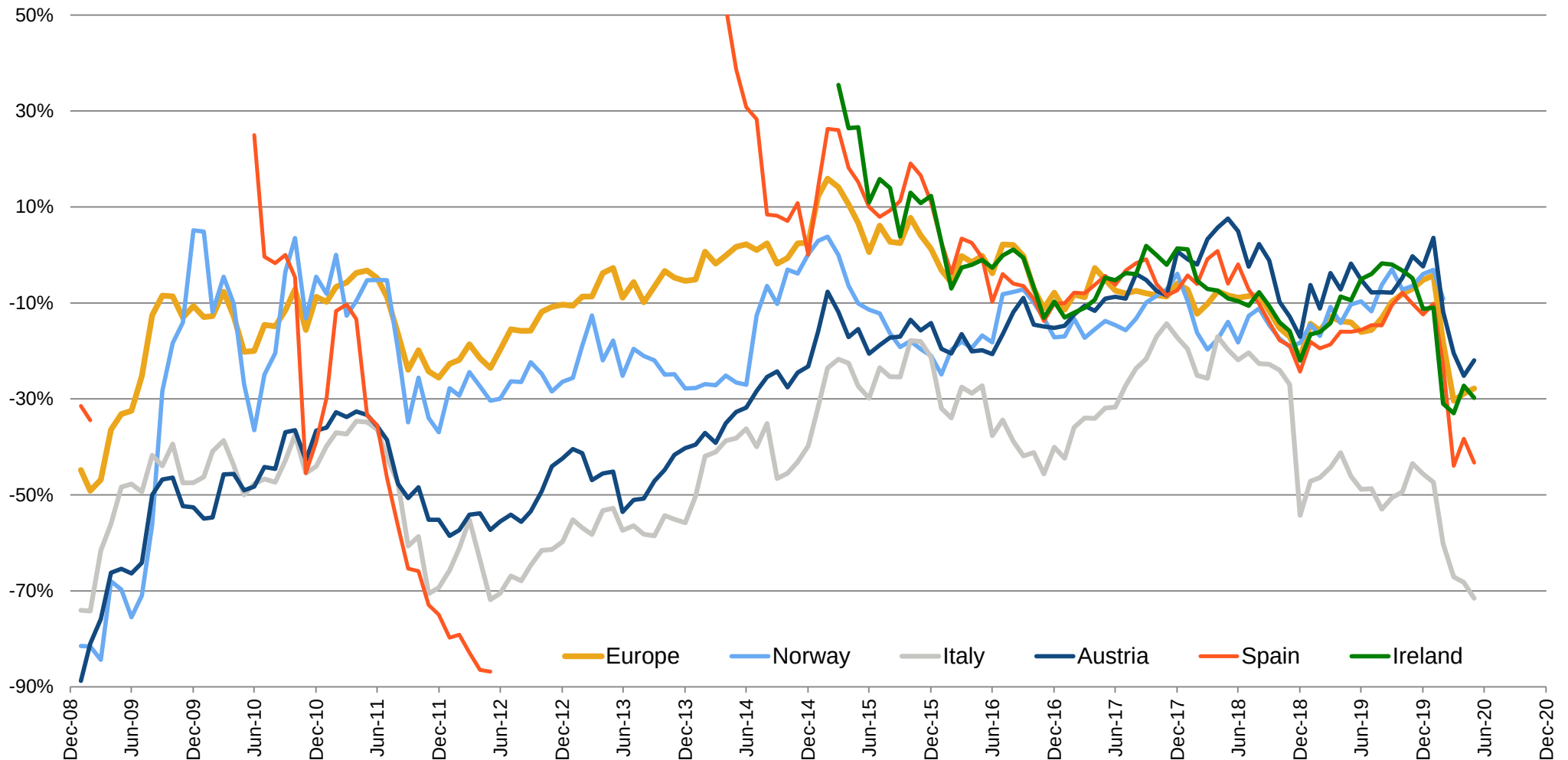
Discounts to Latest Published NAVs in Europe (Interpolated)



Discounts to Latest Published NAVs in Europe (Interpolated)



Discounts to Latest Published NAVs in Europe (Interpolated)



Updated Published NAVs (June 2020)

5-Jun-20 Merlin Properties SOCIM	SP	Posted	Q1 2020	as of	31-Mar-20	NAV	EUR	15.72	▲	0.8%	3 months	FY 2019	EUR	15.60
5-Jun-20 Workspace Group	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	10.89	▼	-2.3%	6 months	H1 19/20	GBP	11.15
7-Jun-20 Picton Property	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	0.93	▼	-2.3%	3 months	Q3 19/20	GBP	0.95
9-Jun-20 Big Yellow Group	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	7.52	▲	5.2%	6 months	H1 19/20	GBP	7.15
12-Jun-20 Retail Estates	BE	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	EUR	65.55	▲	1.4%	6 months	H1 19/20	EUR	64.65
12-Jun-20 Ascencio	BE	Posted	H1 19/20	as of	31-Mar-20	EPRA NAV	EUR	54.06	▼	-7.2%	6 months	FY 19/20	EUR	58.28
13-Jun-20 Safestore	UK	Posted	H1 20/21	as of	30-Apr-20	EPRA NAV	GBP	4.87	▲	7.7%	6 months	FY 2020	GBP	4.52
20-Jun-20 Sirius Real Estate	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	0.81	▲	1.8%	6 months	H1 19/20	GBP	0.79
21-Jun-20 NewRiver REIT	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	2.01	▼	-17.6%	6 months	Q3 19/20	GBP	2.44
22-Jun-20 Schroder Real Estate Investment Trust	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	0.59	▼	-13.0%	6 months	H1 19/20	GBP	0.68
23-Jun-20 Shaftesbury	UK	Posted	H1 20/21	as of	31-Mar-20	EPRA NAV	GBP	8.78	▼	-10.6%	6 months	FY 19/20	GBP	9.82
23-Jun-20 Custodian REIT	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	1.02	▼	-2.6%	6 months	H1 19/20	GBP	1.04
26-Jun-20 Tritax Eurobox	UK	Posted	Q1 2020	as of	31-Mar-20	EPRA NAV	GBP	1.19	▲	3.5%	6 months	FY 2019	GBP	1.15
30-Jun-20 Impact Healthcare REIT	UK	Posted	Q1 2020	as of	31-Mar-20	NAV	GBP	1.07	▲	0.2%	3 months	FY 2019	GBP	1.07
30-Jun-20 Civitas Social Housing	UK	Posted	FY 19/20	as of	31-Mar-20	EPRA NAV	GBP	1.08	▲	0.7%	6 months	H1 19/20	GBP	1.07

New Q2-2020 additions

Aberdeen Standard European Logistics	UK	Posted	FY 2019	as of	31-Dec-19	EPRA NAV	GBP	1.13						
Intershop Holdings	SWIT	Posted	FY 2019	as of	31-Dec-19	NAV	CHF	354.33						

Agenda July 2020

3-Jul-20	Dios Fastigheter	SWED	21-Jul-20	Wereldhave	NL
5-Jul-20	Standard Life Inv Prop Income Trust	UK	21-Jul-20	Icade	FR
5-Jul-20	Gecina	FR	23-Jul-20	Unite Group	UK
6-Jul-20	Fabege	SWED	24-Jul-20	Befimmo	BE
6-Jul-20	Wihlborgs Fastigheter	SWED	24-Jul-20	Covivio	FR
7-Jul-20	Atrium Ljungberg AB	SWED	25-Jul-20	Assura Plc	UK
7-Jul-20	Catena AB	SWED	25-Jul-20	Mercialys	FR
8-Jul-20	Kungsleden	SWED	27-Jul-20	Primary Health Properties	UK
9-Jul-20	Workspace Group	UK	29-Jul-20	Inmobiliaria Colonial	SP
10-Jul-20	Citycon	FIN	29-Jul-20	Vastned Retail	NL
10-Jul-20	Wereldhave Belgium	BE	29-Jul-20	Intervest Office	BE
10-Jul-20	Entra ASA	NOR	29-Jul-20	Lar Espana Real Estate SOCIMI	SP
13-Jul-20	NSI	NL	29-Jul-20	Klepierre	FR
13-Jul-20	Nyfosa AB	SWED	29-Jul-20	Unibail-Rodamco-Westfield	NL
14-Jul-20	Klöver AB	SWED	29-Jul-20	Carmila	FR
14-Jul-20	Samhallsbyggnadsbolaget i Norden AB	SWED	30-Jul-20	Hamborner	GER
15-Jul-20	Castellum	SWED	30-Jul-20	Cofinimmo	BE
15-Jul-20	Pandox AB	SWED	30-Jul-20	SEGRO	UK
16-Jul-20	Fast Balder	SWED	31-Jul-20	Mobimo Holding	SWIT
17-Jul-20	Wallenstam	SWED	31-Jul-20	Warehouses De Pauw	BE

Average Discounts in Europe (based on published values)

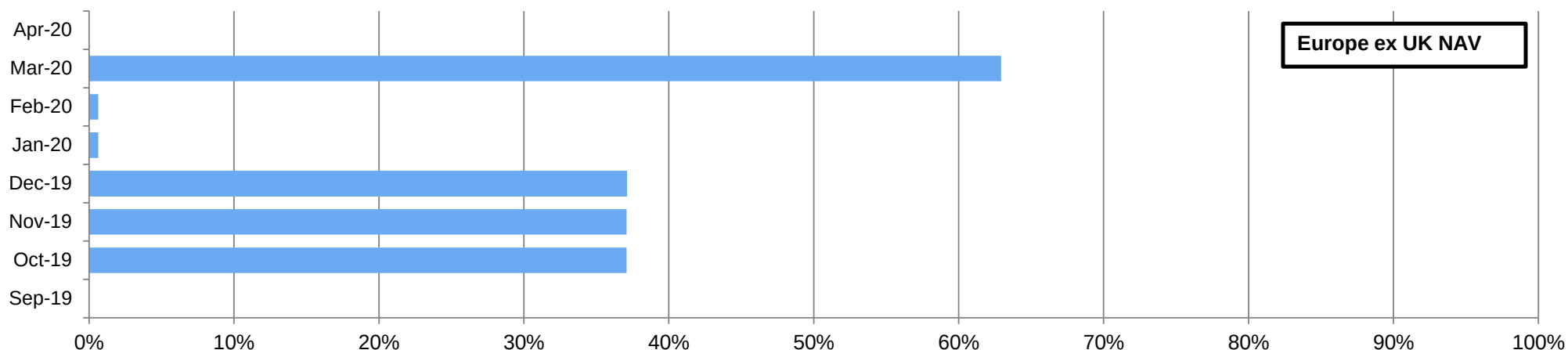
	Current	Yr. to date	1 yr.	2 yr.	3 yr.	5 yr.	10 yr.	15 yr.	20 yr.
Europe	-26.4%	-22.7%	-16.3%	-15.4%	-13.4%	-9.5%	-8.9%	-9.4%	-11.2%
Europe ex UK	-27.5%	-23.4%	-16.6%	-14.4%	-11.6%	-6.4%	-7.0%	-6.7%	-7.0%
Austria	-23.6%	-16.7%	-11.8%	-9.5%	-6.9%	-10.5%	-25.2%	-26.9%	
Belgium	26.2%	29.5%	40.3%	32.4%	29.6%	27.1%	15.4%	12.7%	9.2%
Finland	-1.2%	-4.7%	-5.2%	-13.4%	-16.2%	-18.6%	-21.2%	-20.7%	-21.3%
France	-44.9%	-36.6%	-27.3%	-24.1%	-19.6%	-12.8%	-8.6%	-8.4%	-10.4%
Germany	-18.4%	-20.9%	-17.5%	-12.9%	-10.2%	-4.4%	-9.8%	-9.4%	-13.6%
Italy	-69.3%	-63.9%	-56.3%	-46.5%	-37.8%	-35.5%	-41.7%	-40.7%	
Netherlands	-74.6%	-66.3%	-52.1%	-41.0%	-30.1%	-12.7%	-7.8%	-6.9%	-6.8%
Norway	-19.7%	6.3%	-10.3%	-12.5%	-12.9%	-14.5%	-16.1%		
Spain	-44.8%	-34.0%	-23.6%	-20.4%	-15.4%	-10.1%	0.0%		
Sweden	-13.8%	-4.9%	2.3%	-1.5%	-4.5%	-1.9%	-1.7%	-1.8%	-3.6%
Switzerland	7.5%	15.8%	17.9%	11.1%	9.7%	6.6%	2.0%	-0.5%	-6.0%
UK	-22.8%	-20.3%	-15.6%	-18.0%	-17.8%	-16.2%	-12.8%	-13.4%	-16.3%
Ireland	-26.0%	-26.4%	-15.9%	-14.6%	-11.6%	-8.1%			

Average Discounts in Europe (based on interpolated values)

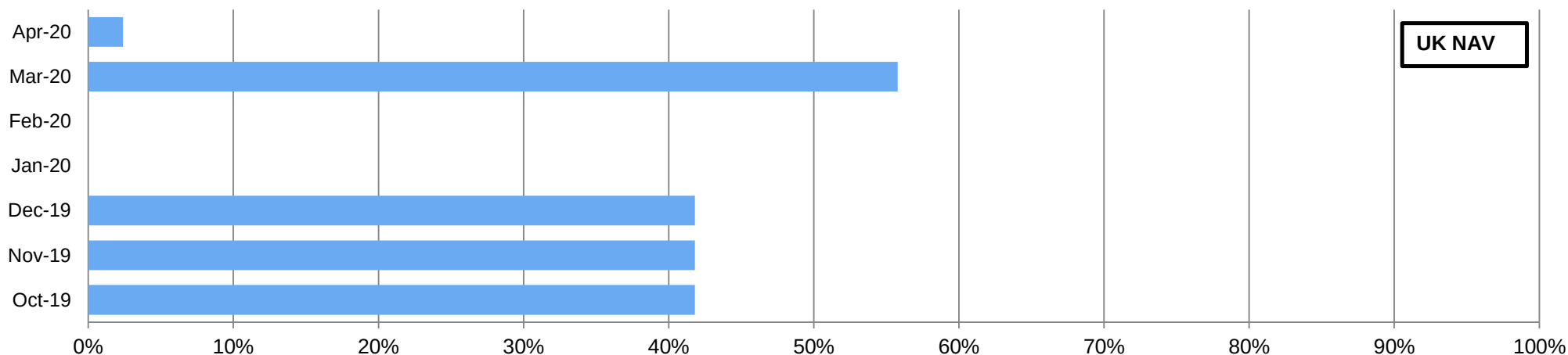
	Current	Yr. to date	1 yr.	2 yr.	3 yr.	5 yr.	10 yr.	15 yr.	20 yr.
Europe	-26.4%	-22.7%	-16.2%	-15.2%	-12.9%	-8.7%	-8.1%	-8.5%	-9.8%
Europe ex UK	-27.5%	-23.3%	-16.1%	-13.9%	-10.8%	-5.4%	-6.4%	-5.6%	-5.5%
Austria	-23.6%	-16.6%	-10.9%	-8.6%	-6.1%	-9.7%	-24.7%	-26.2%	
Belgium	26.2%	29.9%	39.4%	32.4%	29.8%	27.4%	15.6%	13.0%	9.6%
Finland	-1.2%	-3.7%	-2.1%	-11.8%	-15.1%	-18.0%	-20.9%	-19.8%	-20.5%
France	-44.9%	-36.6%	-26.8%	-23.5%	-18.6%	-11.5%	-8.0%	-7.2%	-8.6%
Germany	-18.4%	-20.8%	-17.0%	-12.2%	-9.2%	-3.2%	-8.8%	-7.6%	-12.3%
Italy	-69.3%	-63.9%	-56.2%	-46.6%	-38.0%	-35.7%	-42.2%	-40.7%	
Netherlands	-74.6%	-66.3%	-52.3%	-41.1%	-29.9%	-11.9%	-7.5%	-6.3%	-6.1%
Norway	-19.7%	-13.4%	-9.9%	-12.0%	-12.3%	-13.7%	-15.8%		
Spain	-44.8%	-33.9%	-22.8%	-19.6%	-14.3%	-9.0%	-9.0%		
Sweden	-13.8%	-4.8%	3.2%	-0.6%	-3.4%	-0.5%	-0.3%	-0.4%	-1.9%
Switzerland	7.5%	15.8%	18.9%	11.8%	10.4%	6.9%	2.4%	0.0%	-5.4%
UK	-22.8%	-14.3%	-16.6%	-18.8%	-18.2%	-16.2%	-11.8%	-12.8%	-15.2%
Ireland	-26.0%	-26.3%	-15.4%	-14.0%	-10.5%	-6.8%			

As-of January 2012, the historical NAVs and Discount to NAVs are also being calculated using interpolated company NAV data. Previously, the imbalance between reporting dates (annually, biannually or quarterly) and share prices (monthly for this report) led to more volatile NAV performance graphs.

Latest Published NAVs Incorporated in Europe (ex UK) (June 30th, 2020)



Latest Published NAVs Incorporated in the UK (June 30th, 2020)



FTSE EPRA Nareit Developed Europe Index

As of: **June 30th , 2020**

Premium / Discount: **-26.4%**
Last month: **-27.8%**

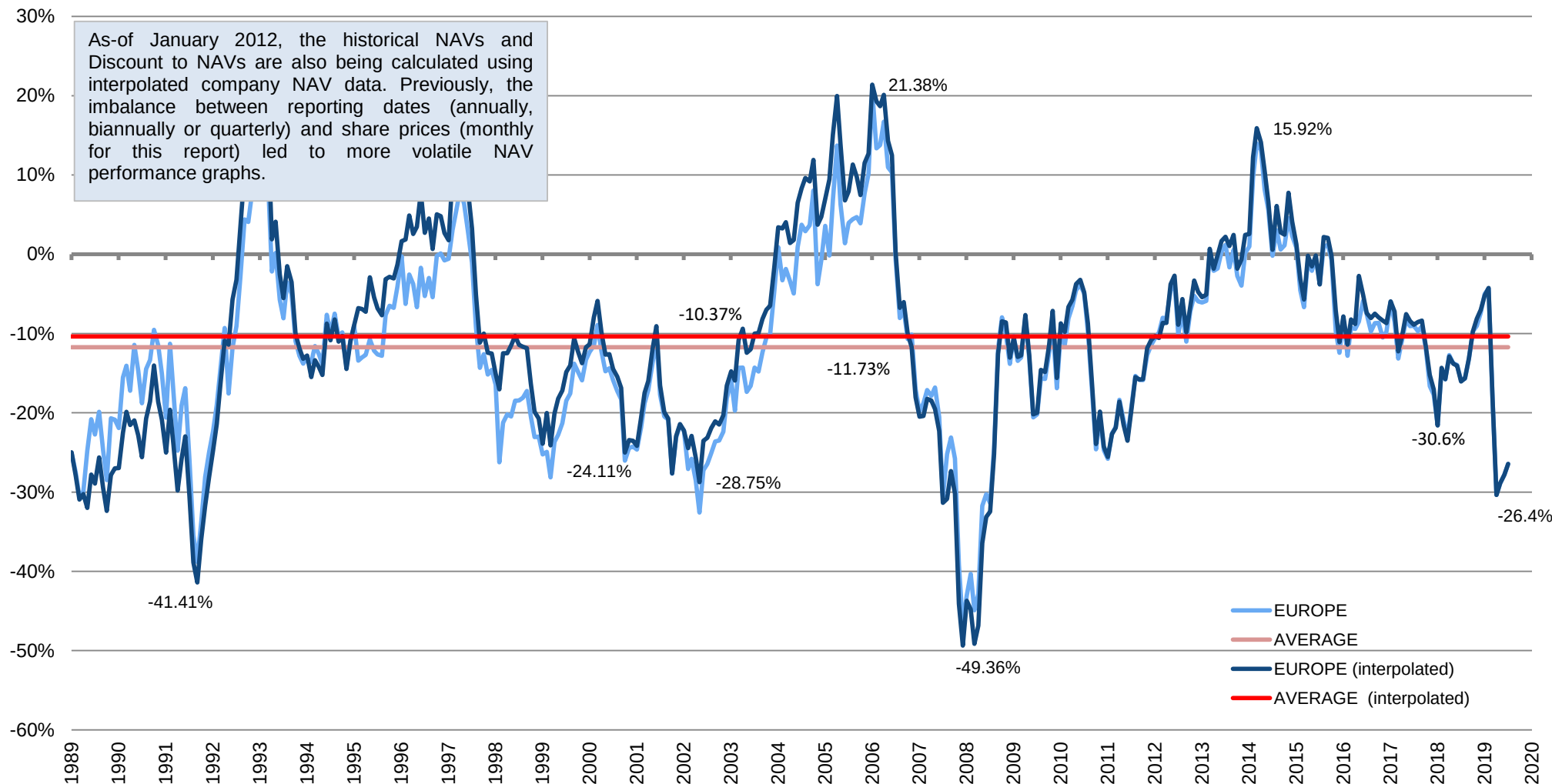
Total NAV (million EUR): **343,155**
Total MC (million EUR): **252,874**

Number of constituents: **102**
Trading at Premium: **29** **35%** of market cap
Trading at Discount: **73** **65%** of market cap

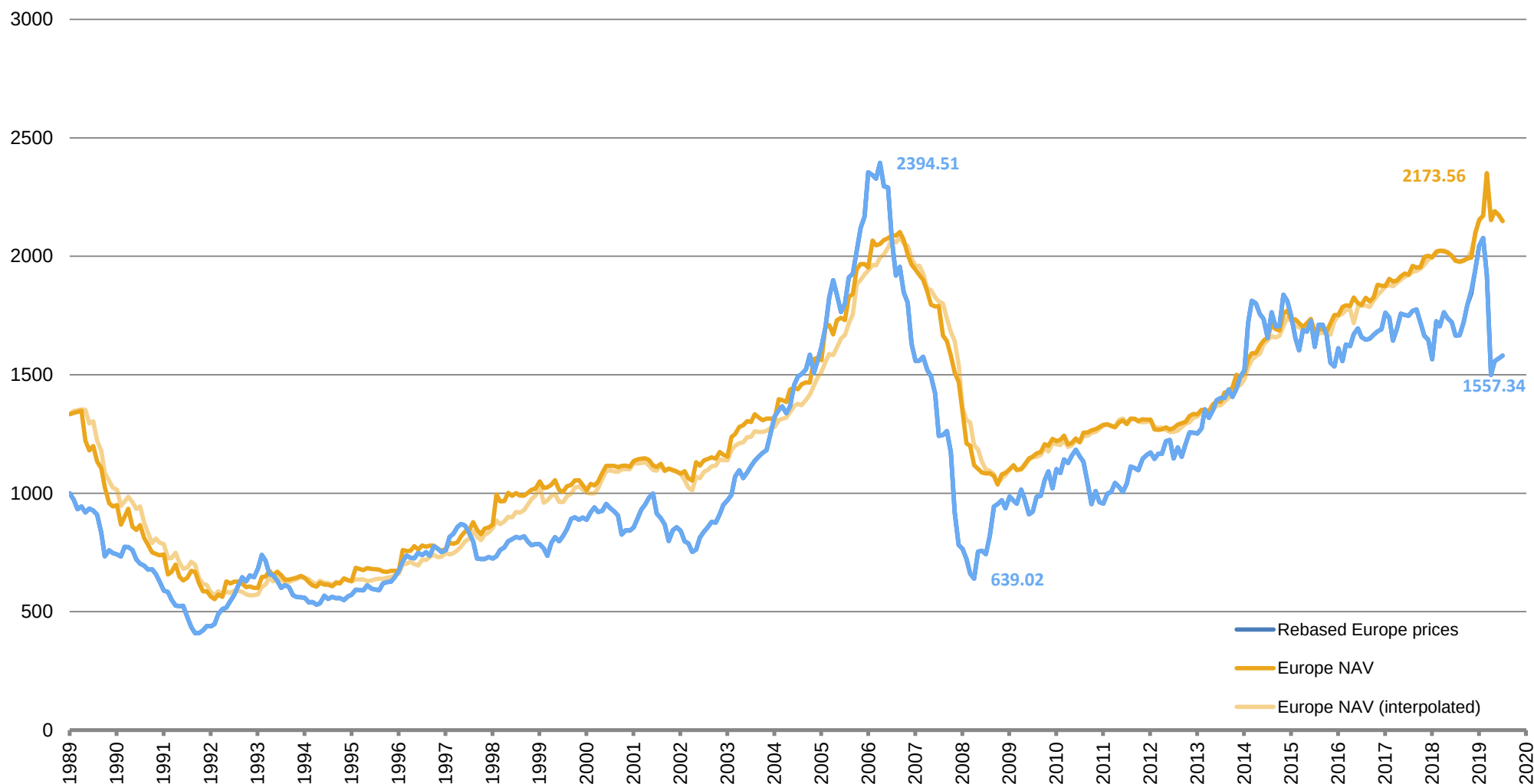
Average since 1989: **-11.2%**
10 year average: **-8.9%**
5 year average: **-9.5%**
3 year average: **-13.4%**
2 year average: **-15.4%**
1 year average: **-16.3%**

Price Index Monthly change: **0.7%**

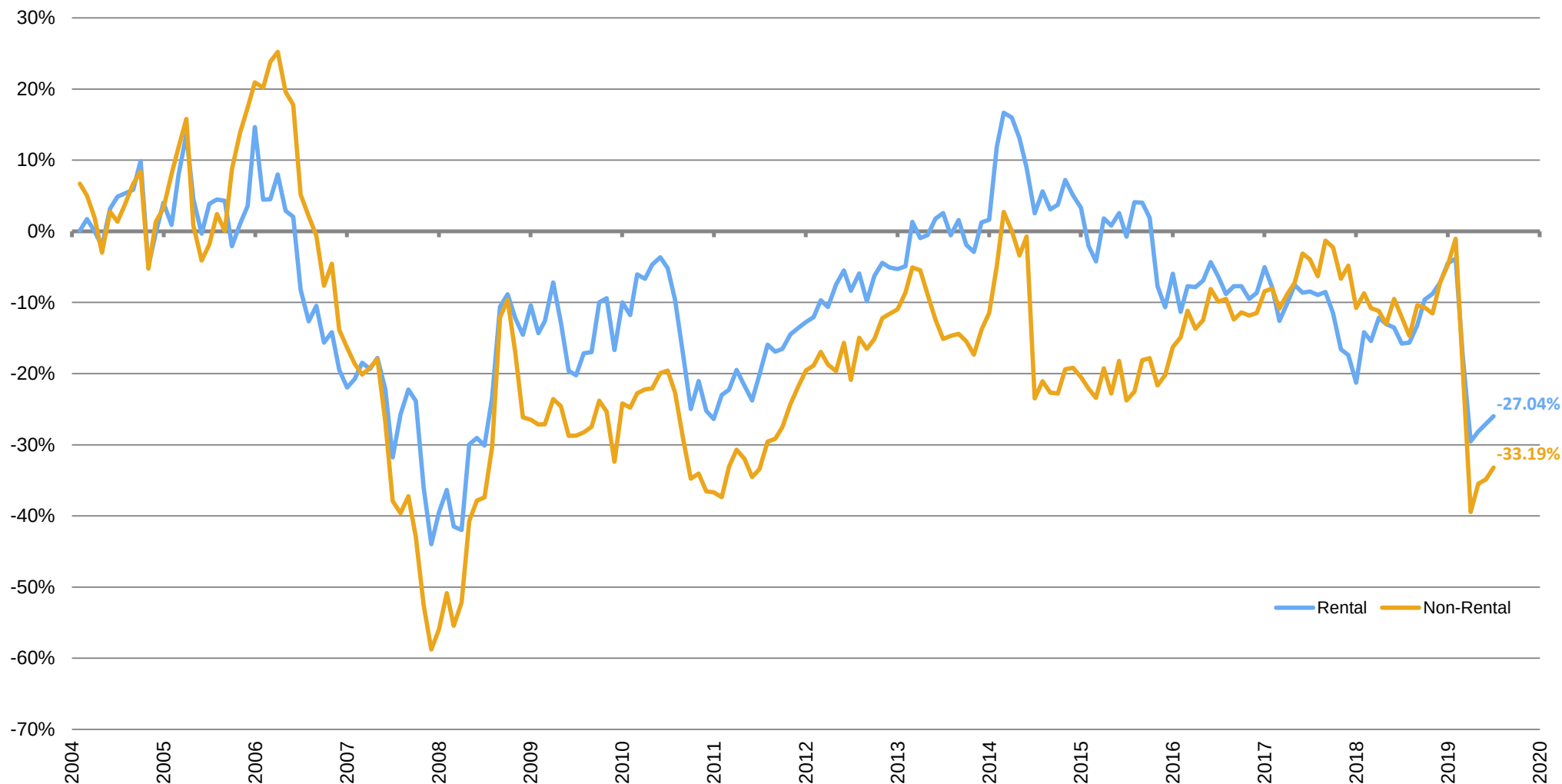
FTSE EPRA Nareit Europe Index Discount to Published NAV



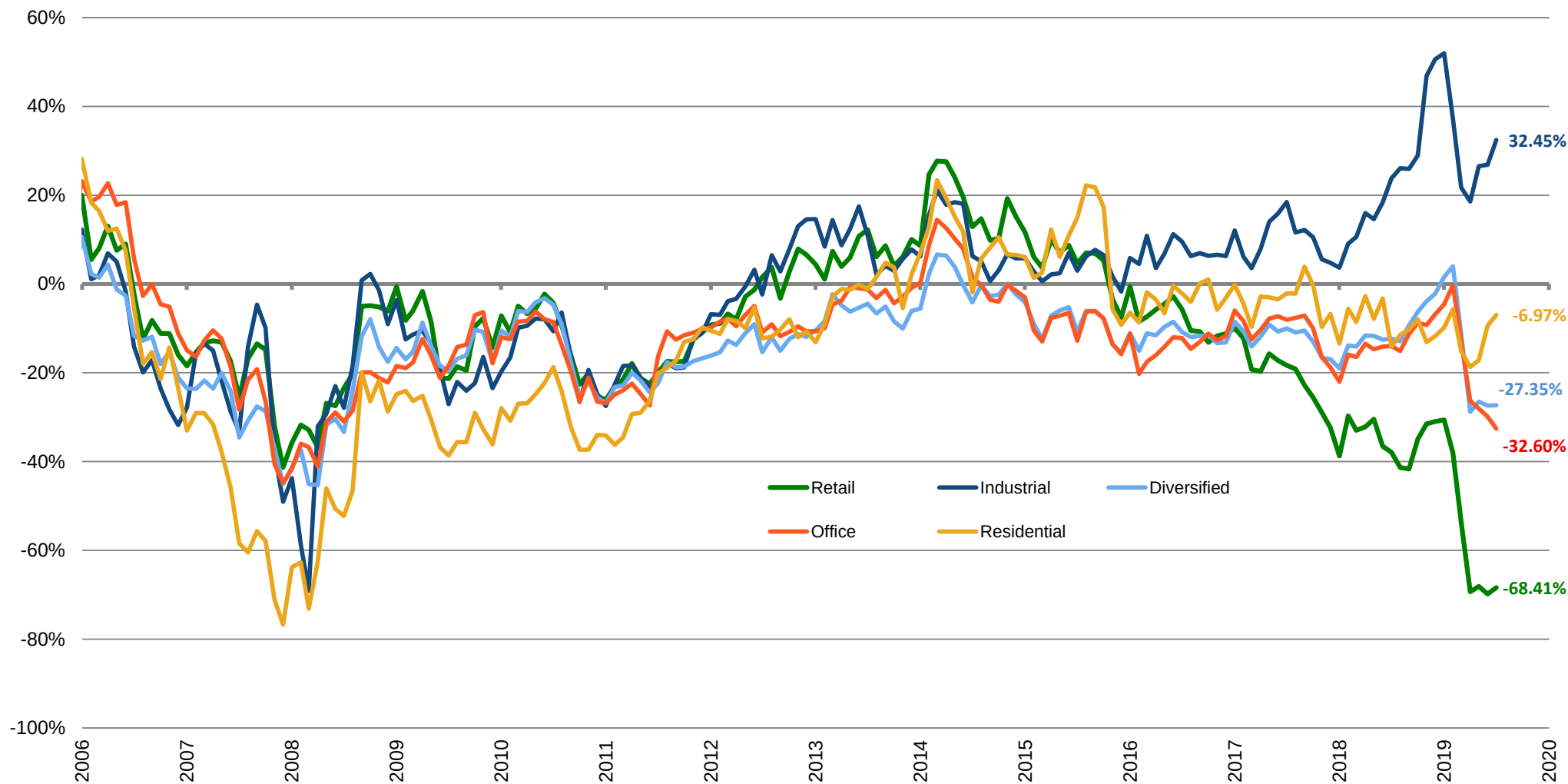
FTSE EPRA Nareit Europe Stock prices vs. NAVs (Rebased EUR)



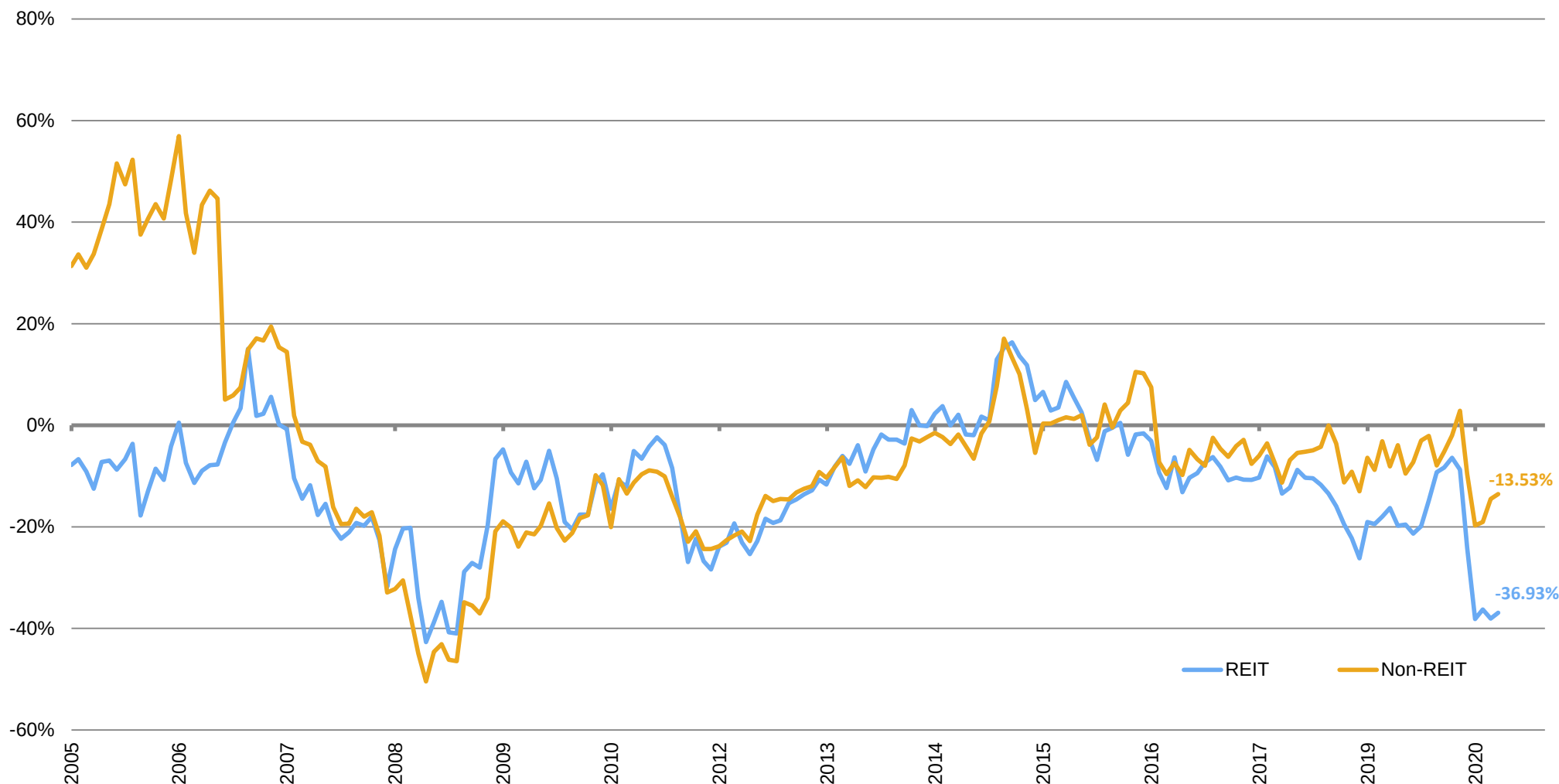
FTSE EPRA Nareit Europe Rental vs. Non-Rental Index Discount to Published NAV



FTSE EPRA Nareit Europe Sector Indices Discount to Published NAV



FTSE EPRA Nareit Europe REIT Index vs. Europe Non-REIT Index Discount to Published NAV



FTSE EPRA Nareit Developed Europe ex UK Index

As of: **June 30th , 2020**

Premium / Discount: **-27.5%**
Last month: **-28.6%**

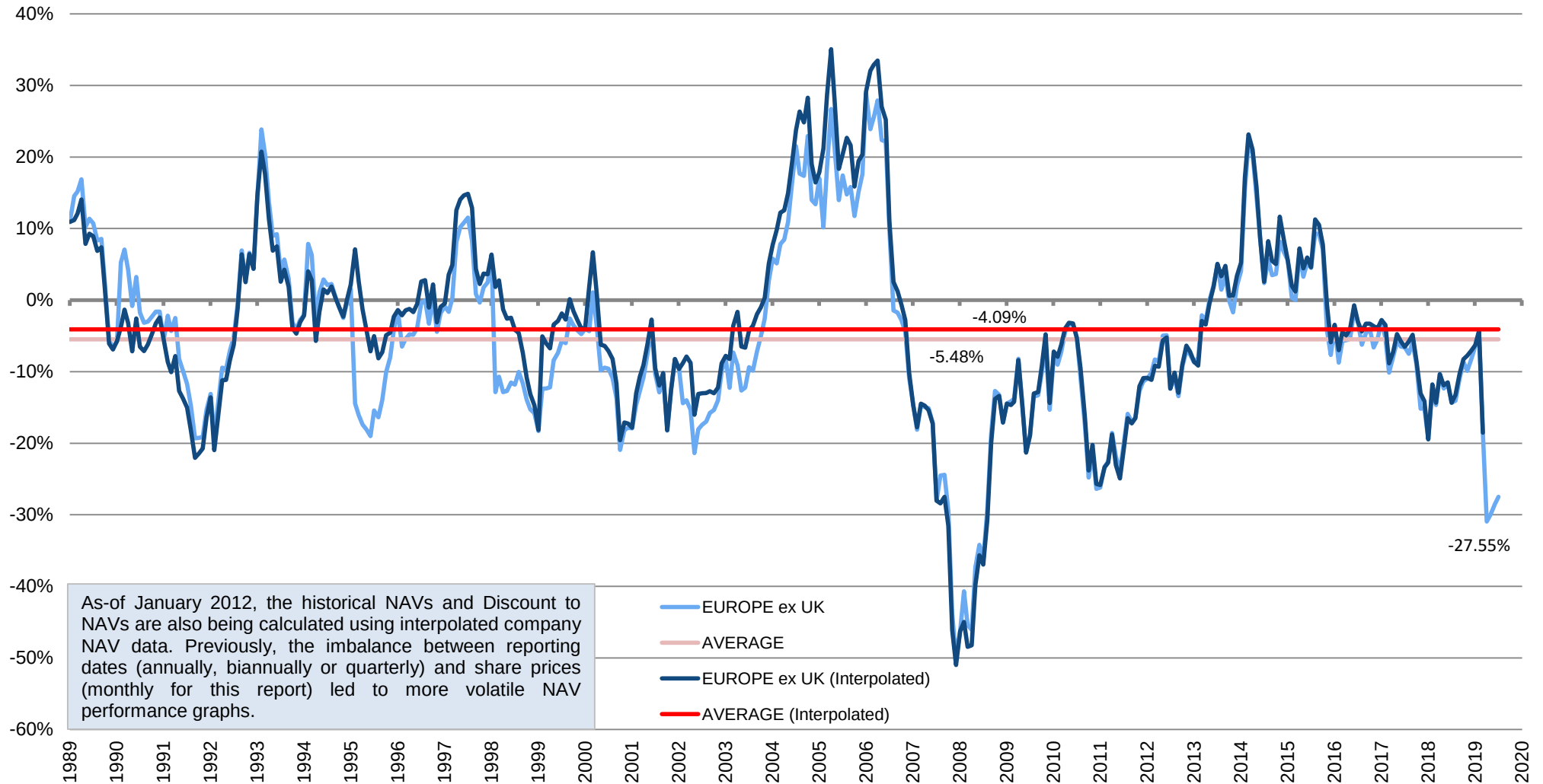
Total NAV (million EUR): **266,308**
Total MC (million EUR): **193,584**

Number of constituents: **63**
Trading at Premium: **20** **31%** of market cap
Trading at Discount: **43** **69%** of market cap

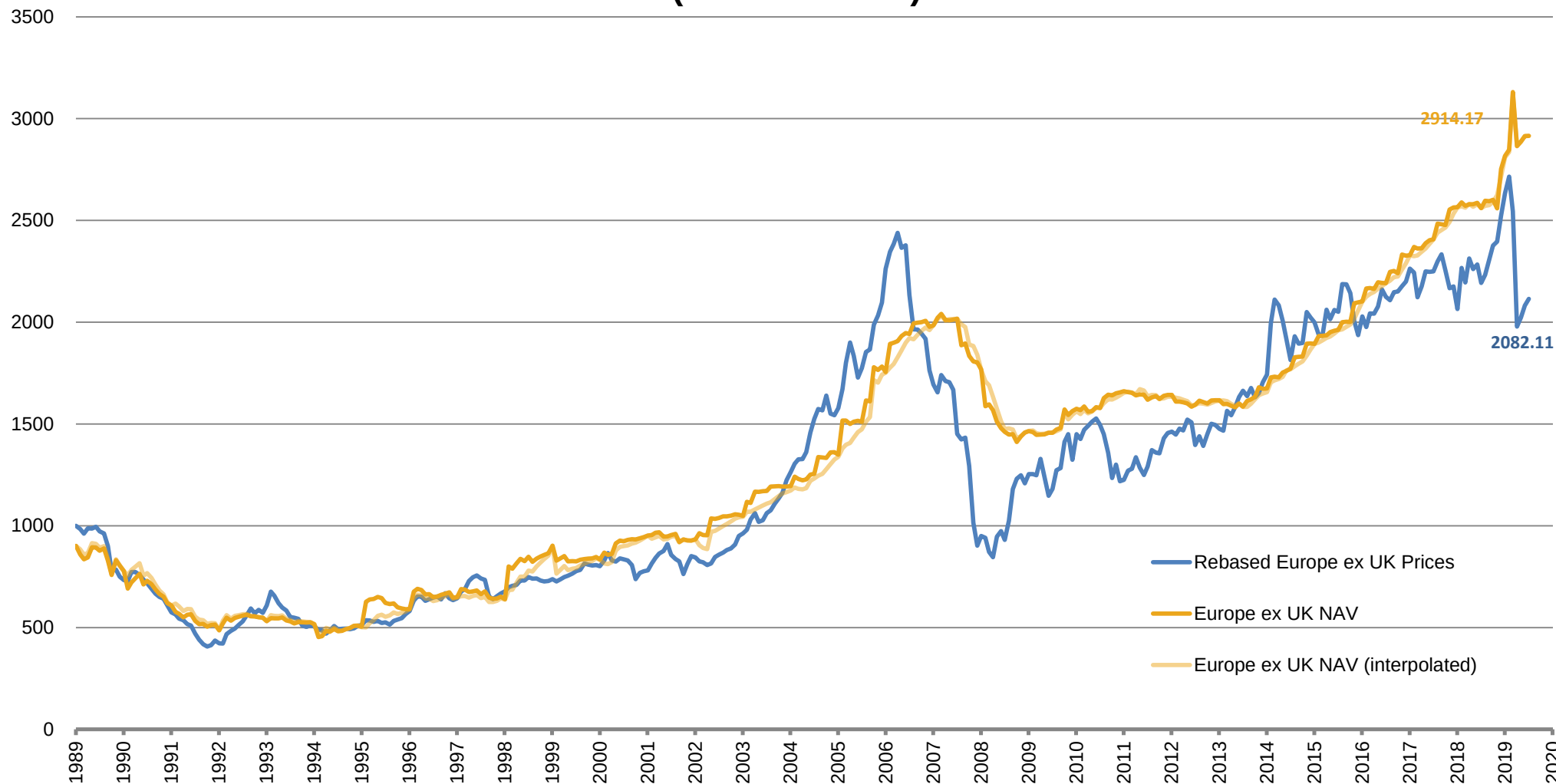
Average since 1989: **-7.0%**
10 year average: **-7.0%**
5 year average: **-6.4%**
3 year average: **-11.6%**
2 year average: **-14.4%**
1 year average: **-16.6%**

Price Index Monthly change: **1.6%**

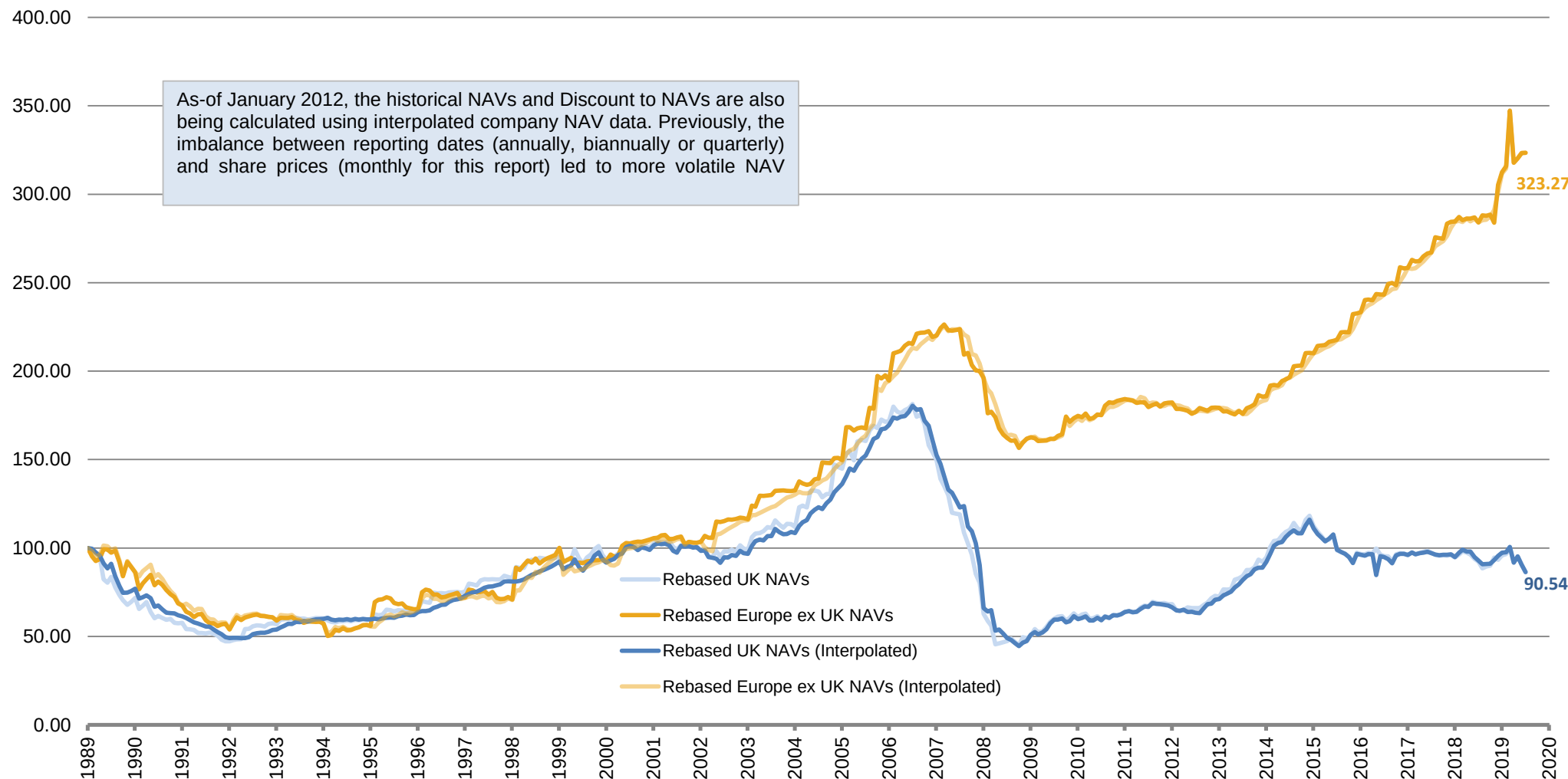
FTSE EPRA Nareit Europe ex UK Index Discount to Published NAV



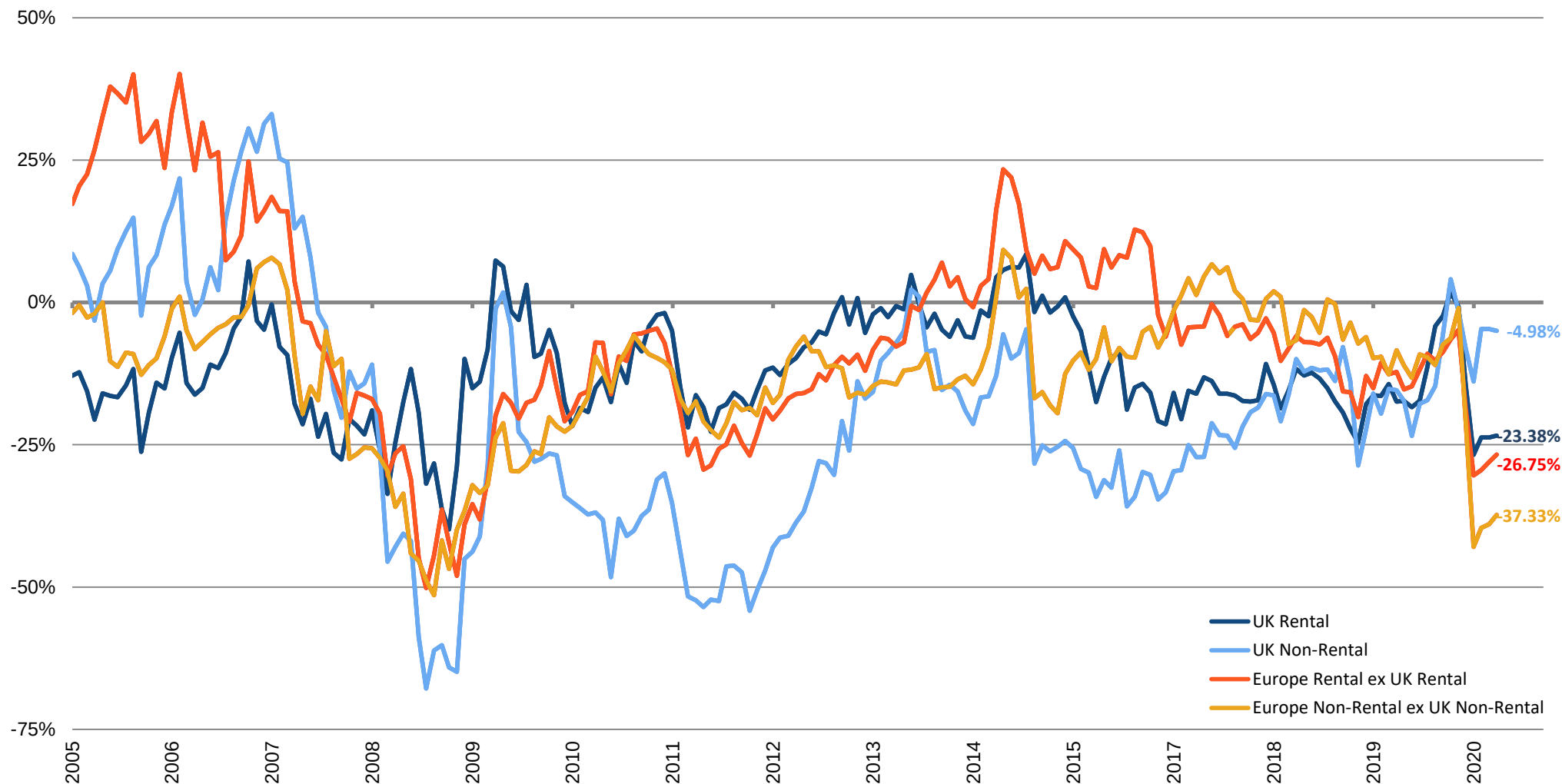
FTSE EPRA Nareit Europe ex UK Stock prices vs. NAVs (Rebased EUR)



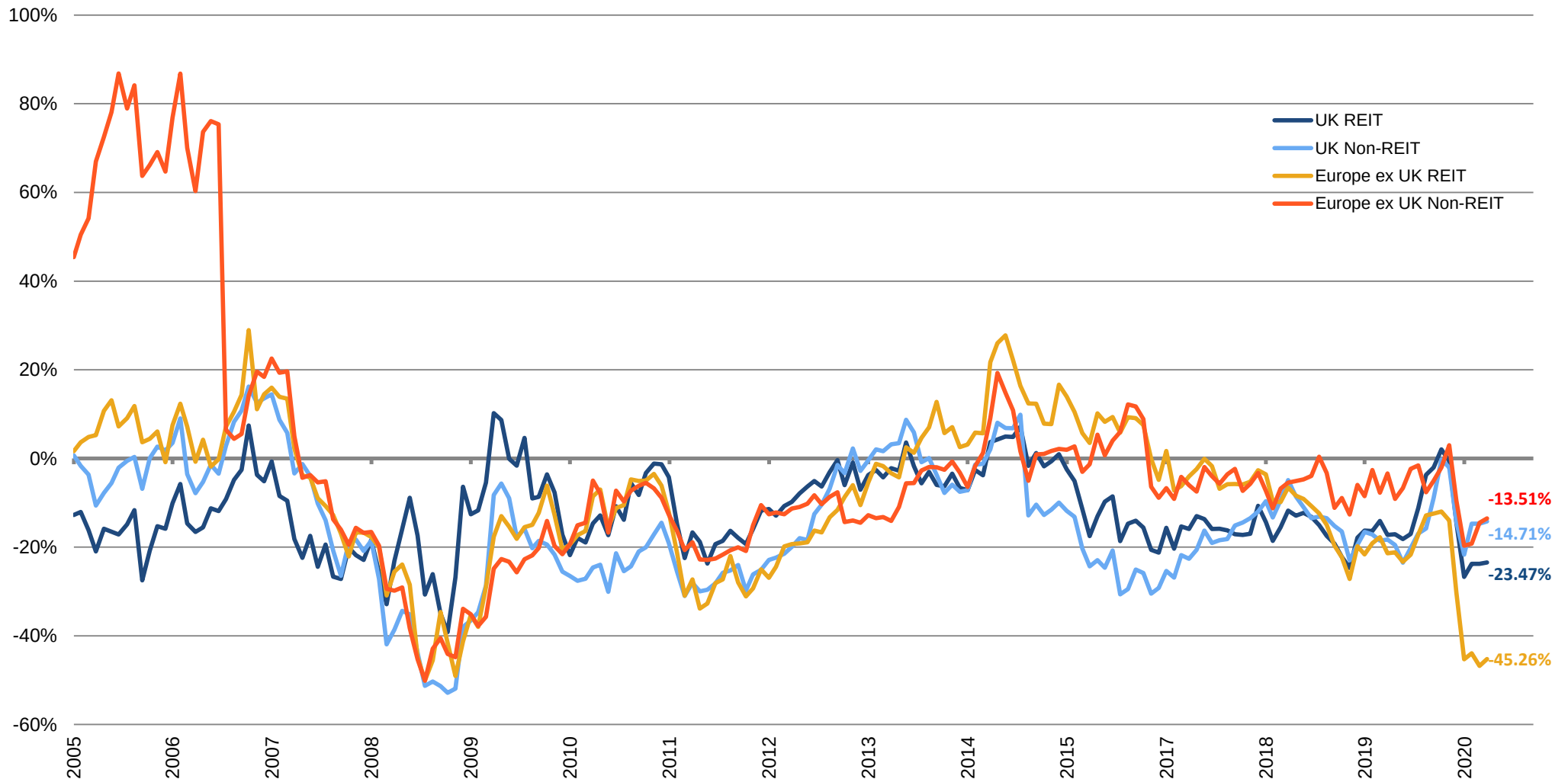
FTSE EPRA Nareit Europe ex UK Index vs. UK Index Published NAVs



FTSE EPRA Nareit Europe ex UK / UK Rental vs. Non-Rental Index Discount to Published NAV



FTSE EPRA Nareit Europe ex UK / UK REIT vs. Non-REIT Index Discount to Published NAV



FTSE EPRA Nareit UK Index

As of: **June 30th , 2020**

Premium / Discount: **-22.8%**
Last month: **-25.3%**

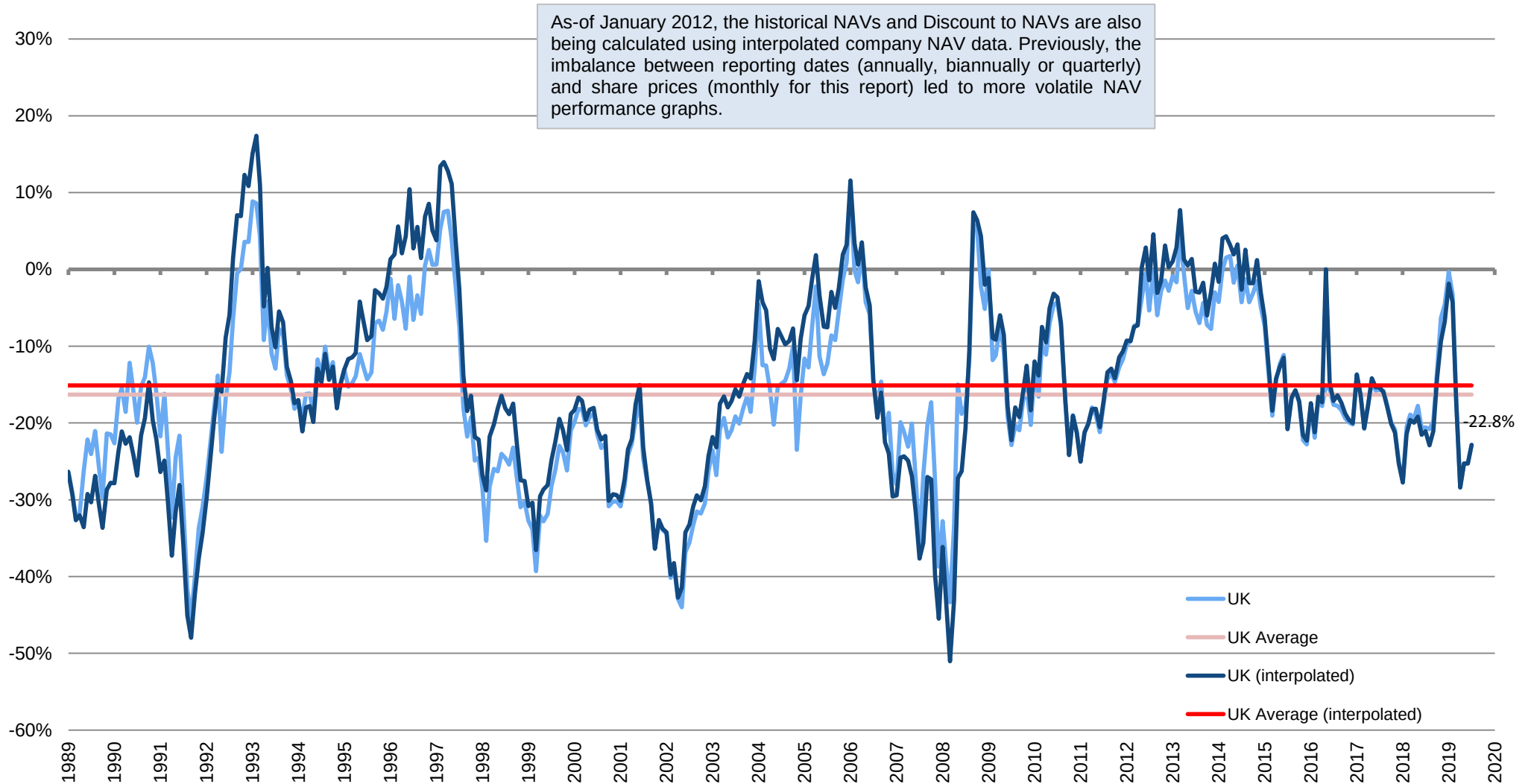
Total NAV (million EUR): **76,847**
Total MC (million EUR): **59,291**

Number of constituents: **39**
Trading at Premium: **9** **46%** of market cap
Trading at Discount: **30** **54%** of market cap

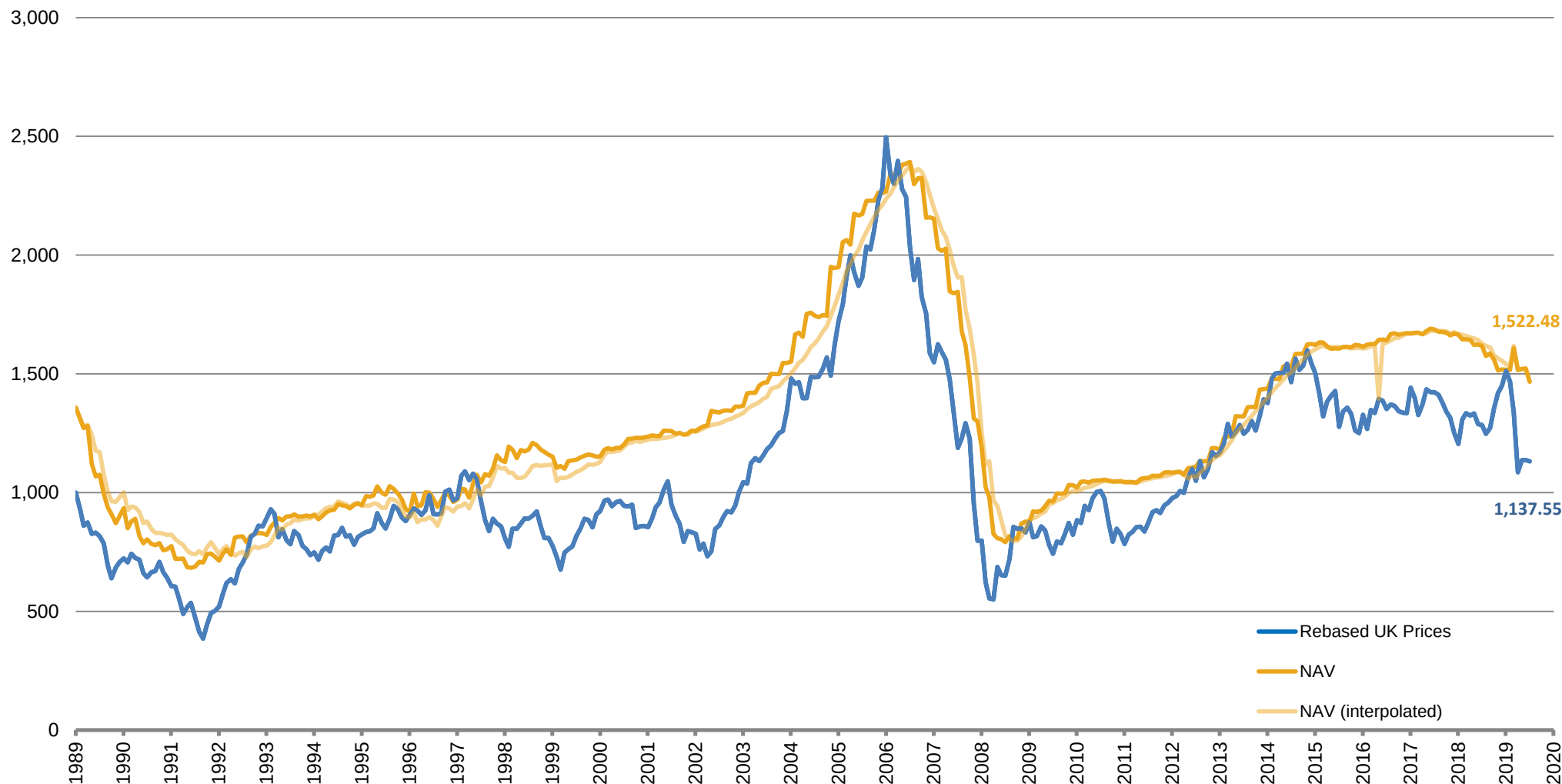
Average since 1989: **-16.3%**
10 year average: **-12.8%**
5 year average: **-16.2%**
3 year average: **-17.8%**
2 year average: **-18.0%**
1 year average: **-15.6%**

Price Index Monthly change: **-1.5%**

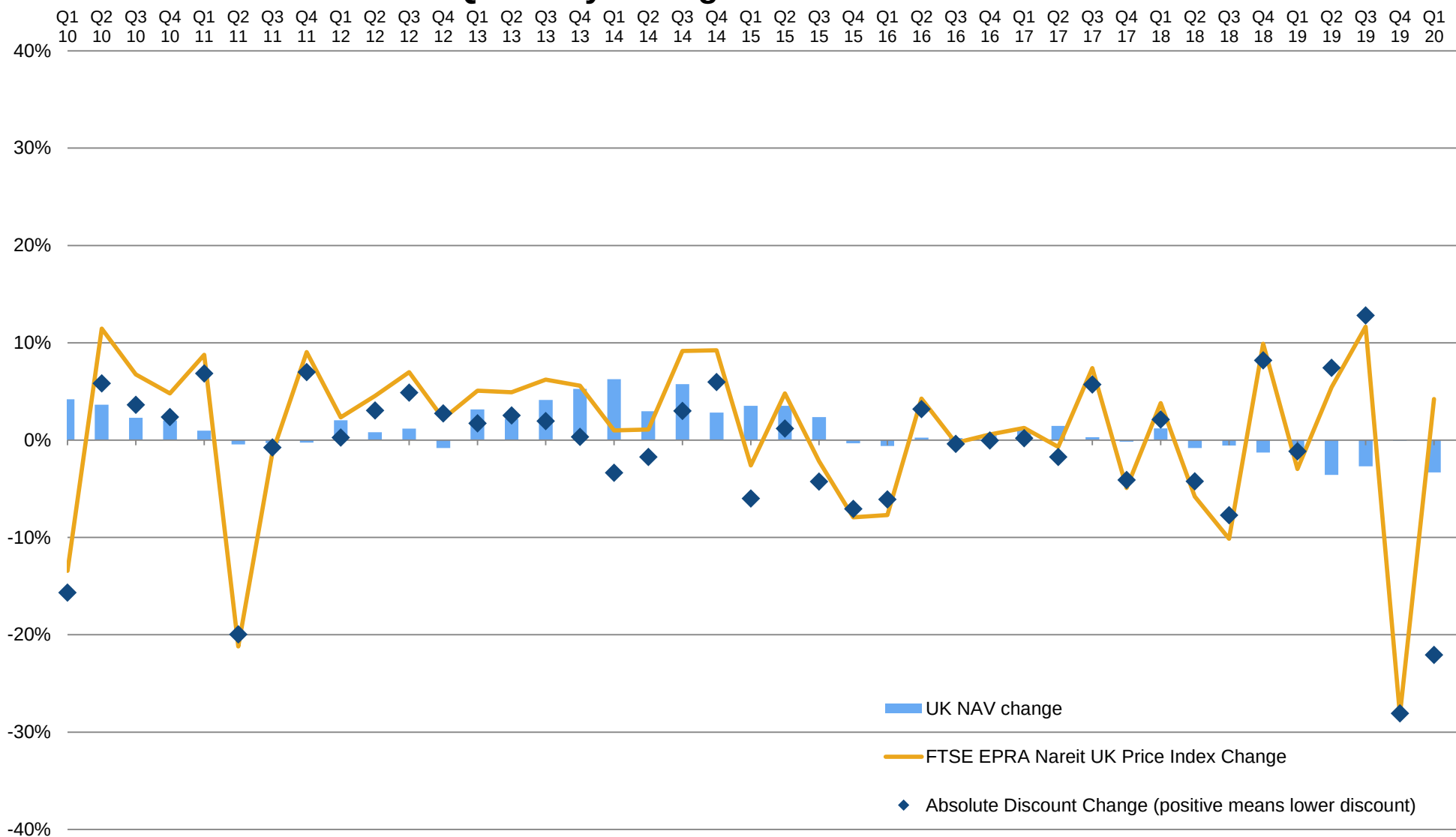
FTSE EPRA Nareit UK Index Discount to Published NAV



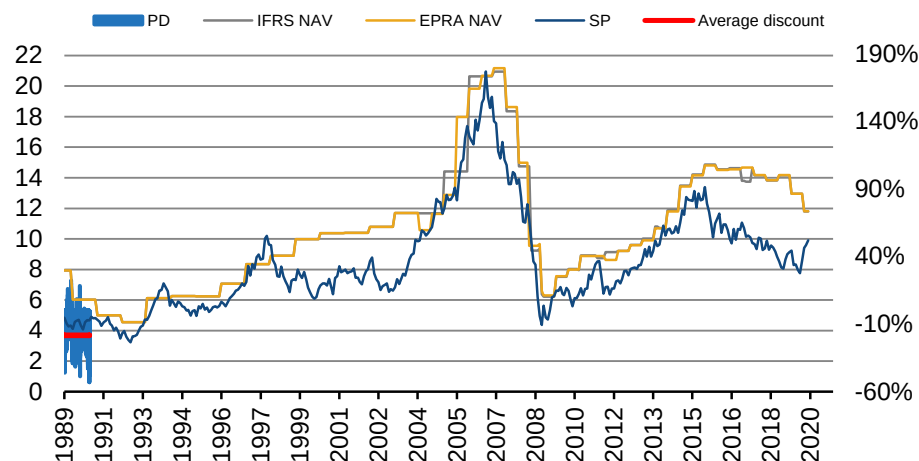
FTSE EPRA Nareit UK Stock Prices vs. NAVs (Rebased GBP)



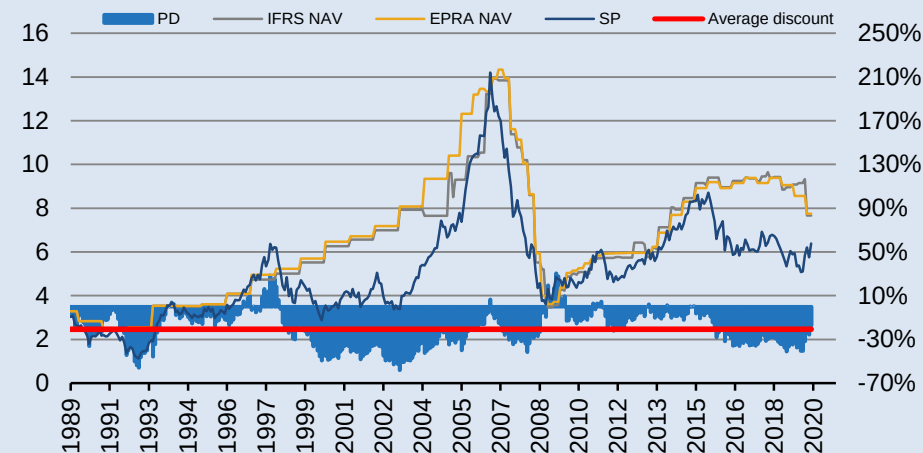
Quarterly Changes UK Prices and UK NAV



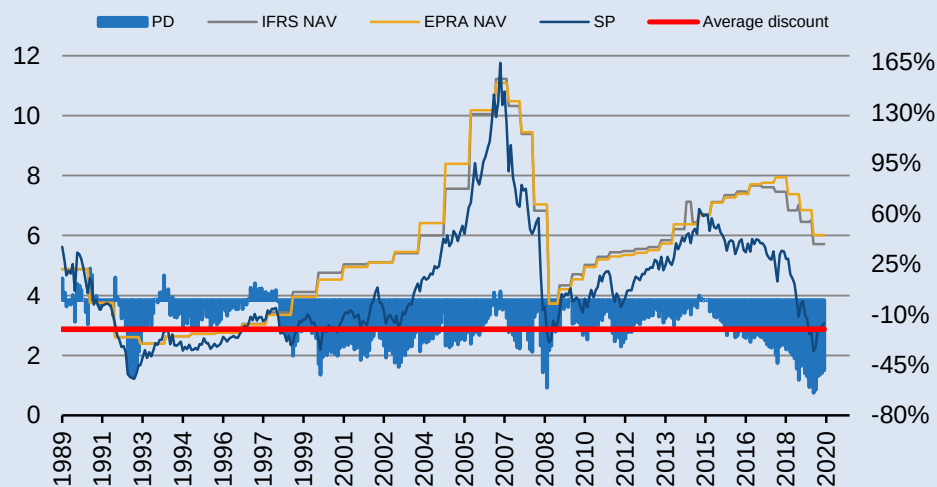
Landsec



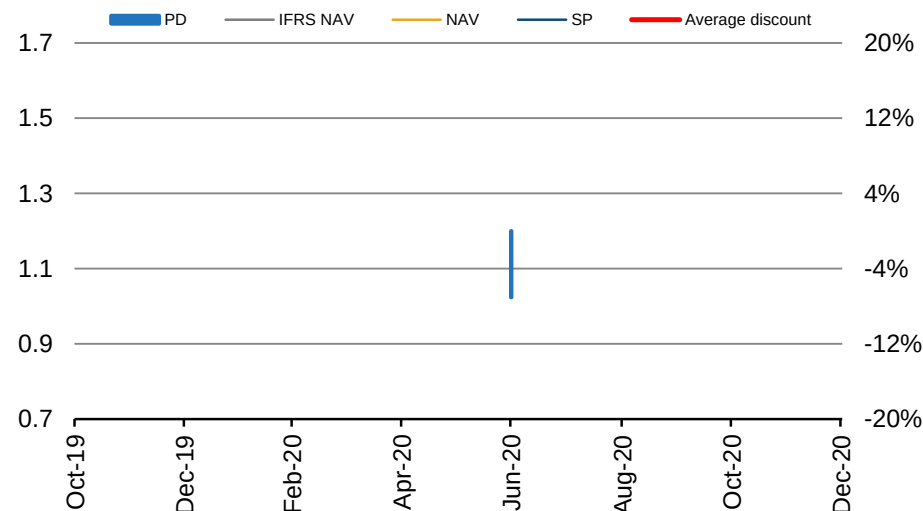
British Land



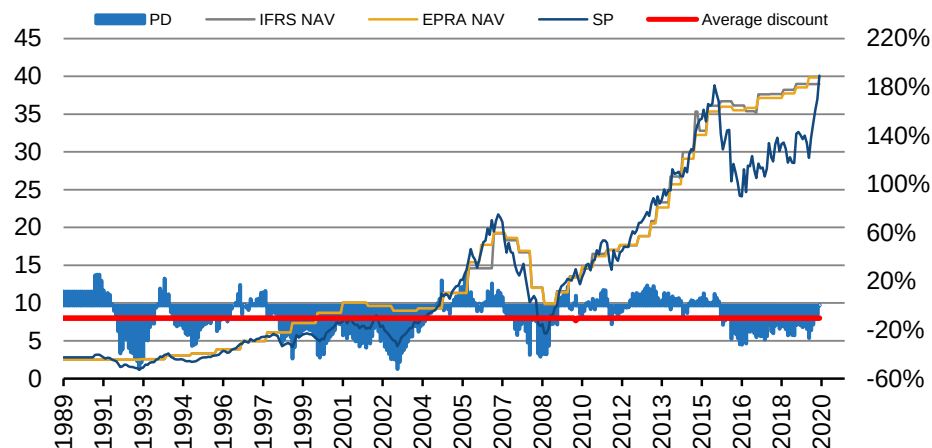
Hammerson



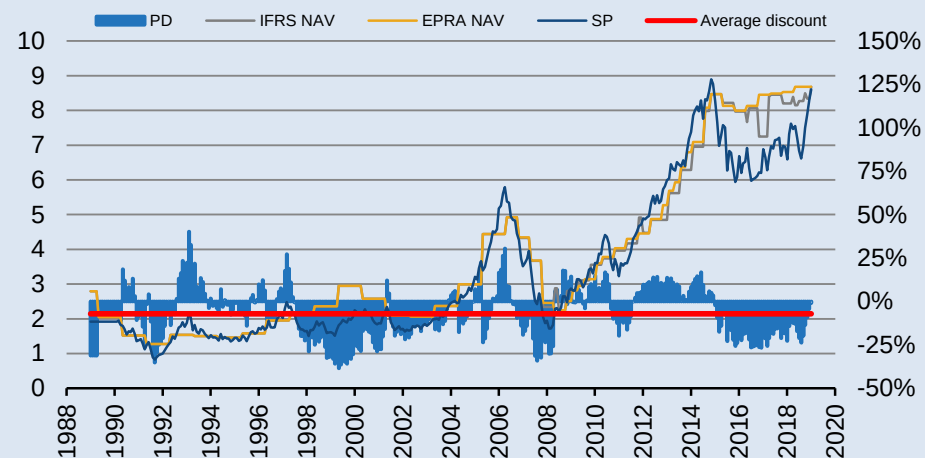
Aberdeen Standard European Logistics



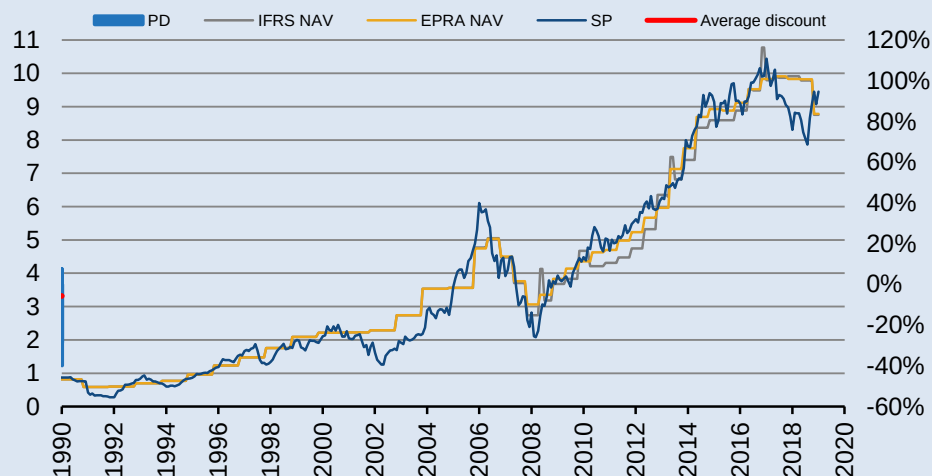
Derwent London



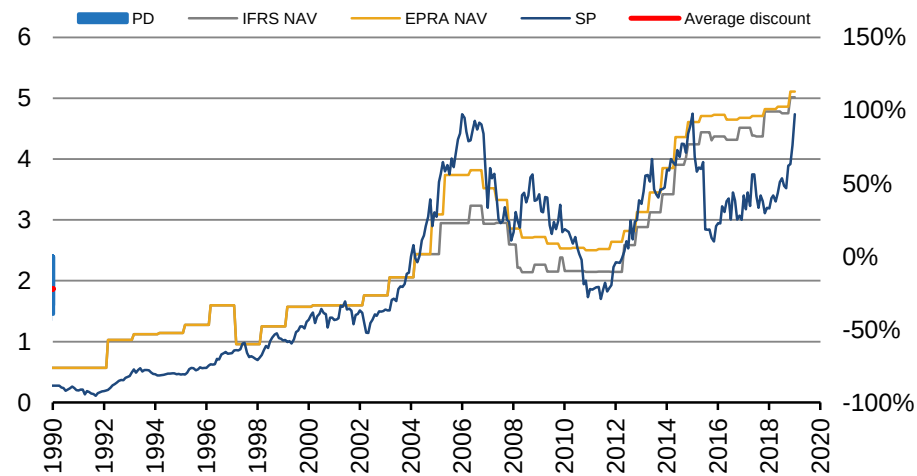
Great Portland Estates



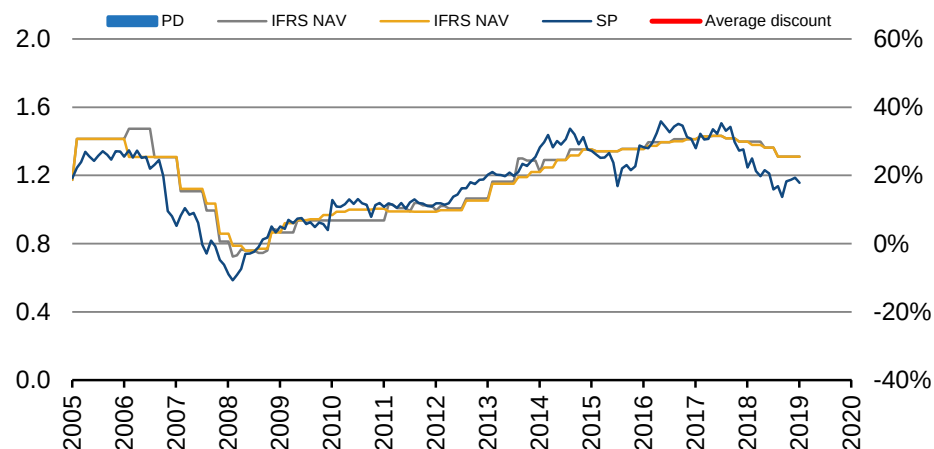
Shaftesbury



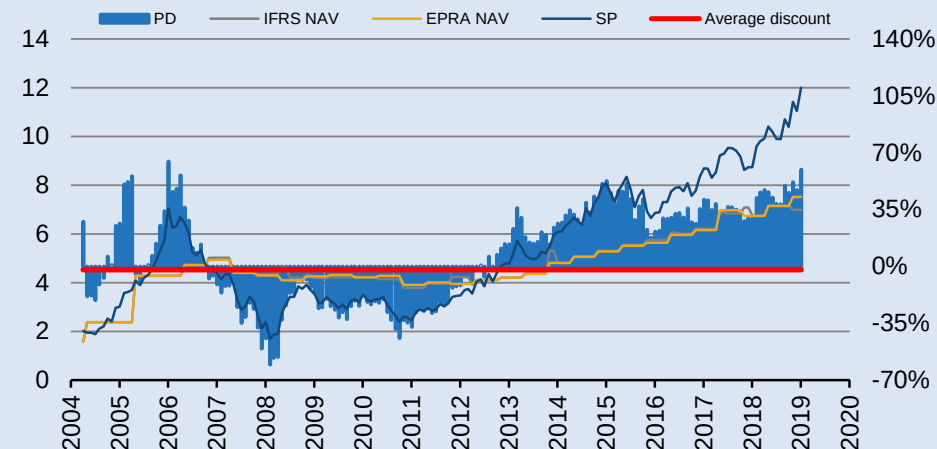
Helical plc



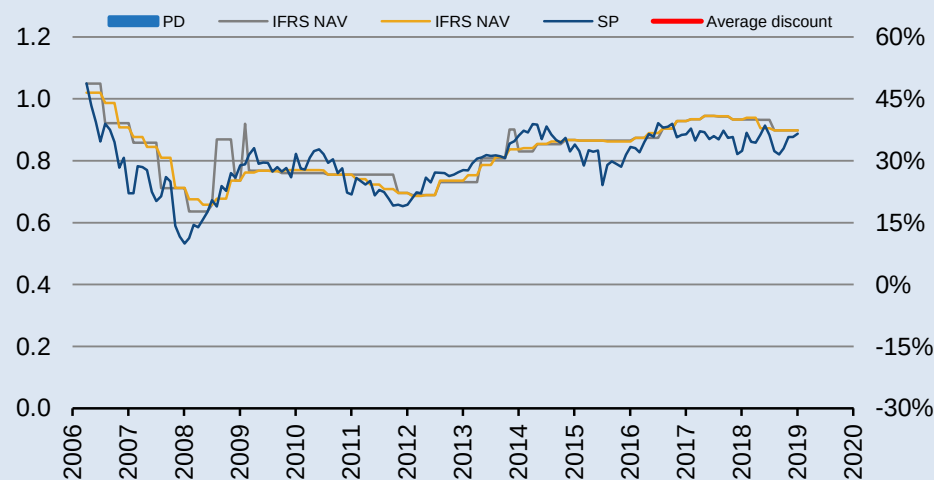
BMO Commercial Property Trust



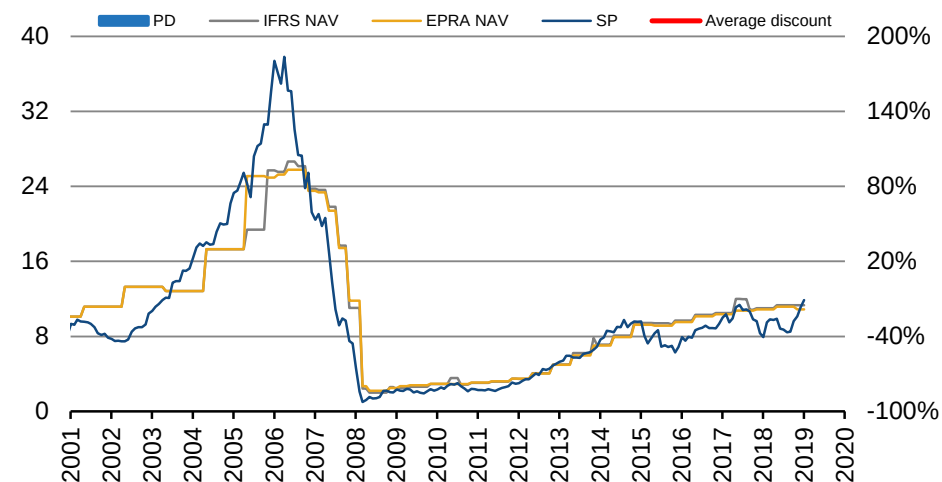
Big Yellow Group



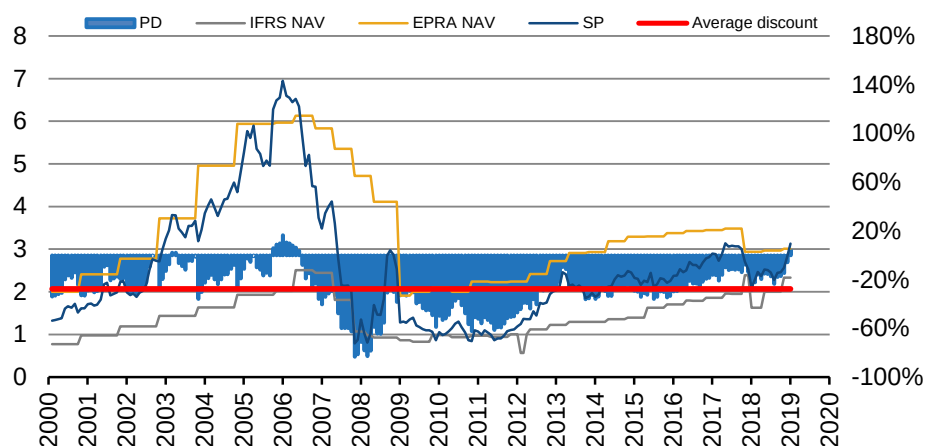
UK Commercial Property REIT



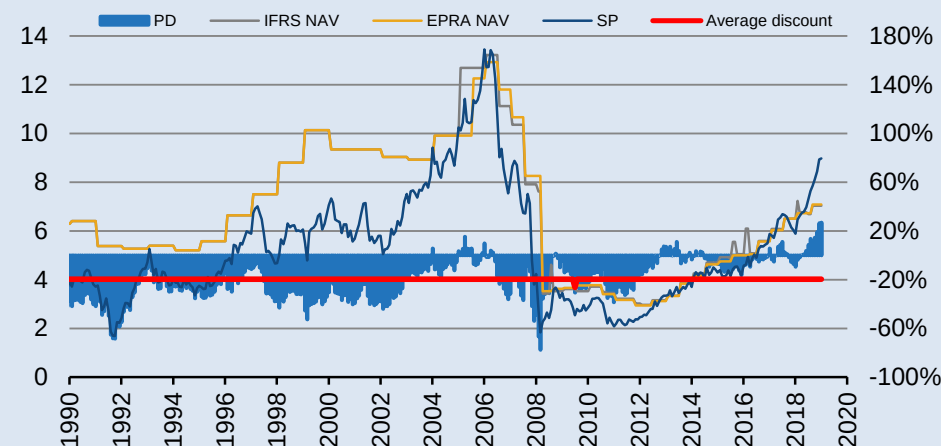
Workspace Group



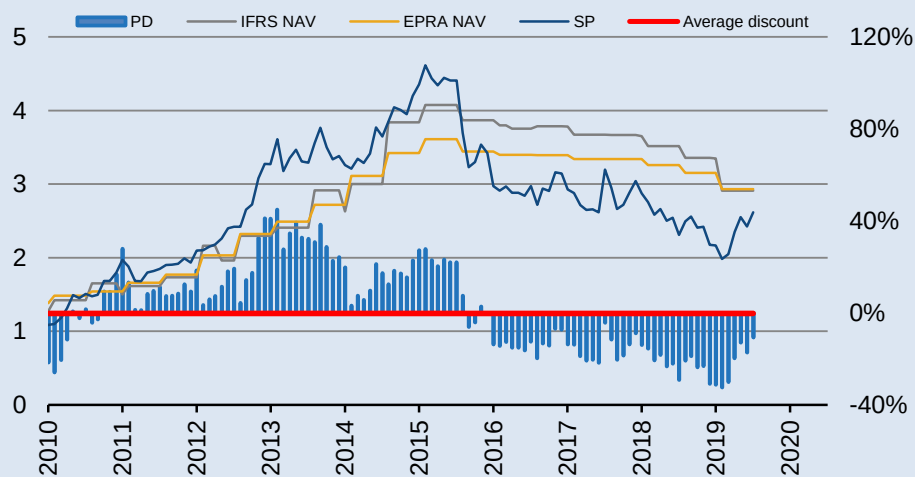
Grainger



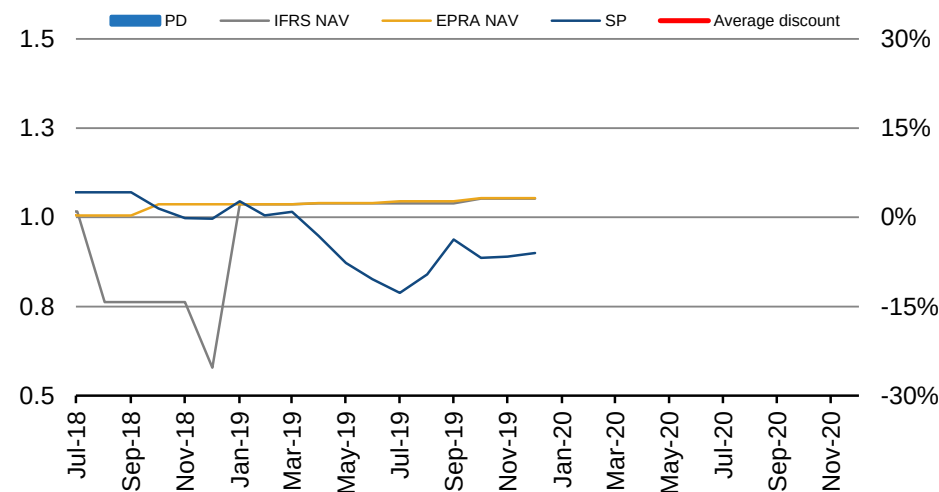
SEGRO



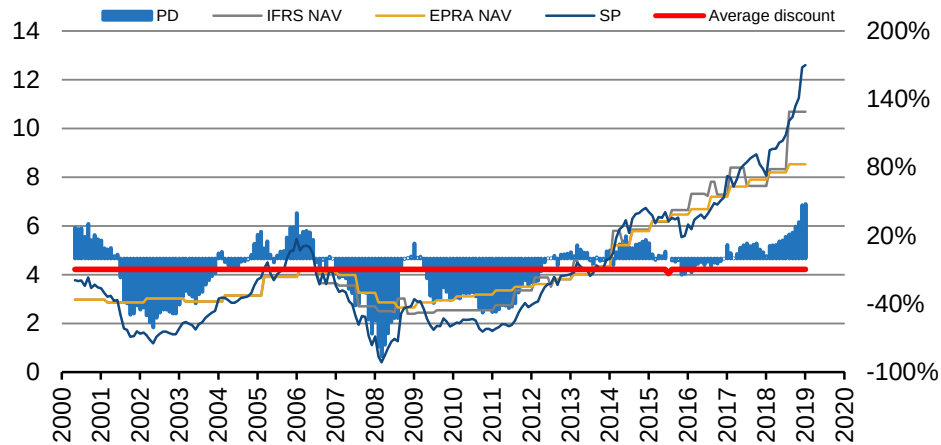
Capital & Counties



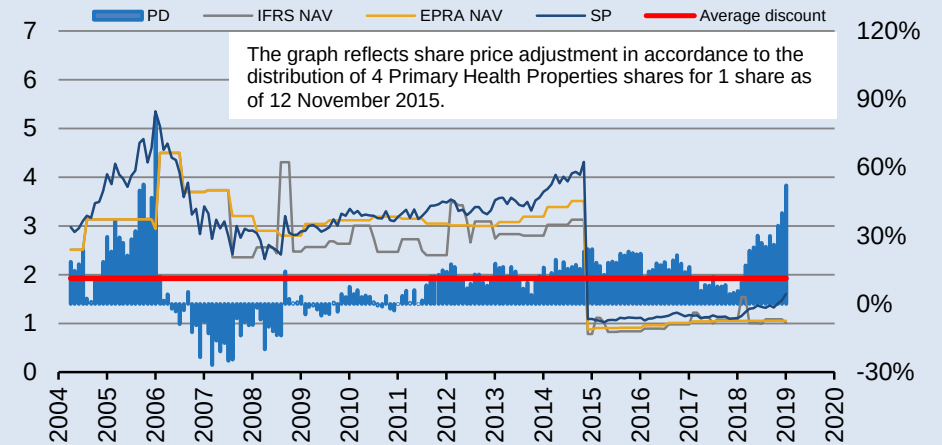
Triple Point Social Housing REIT



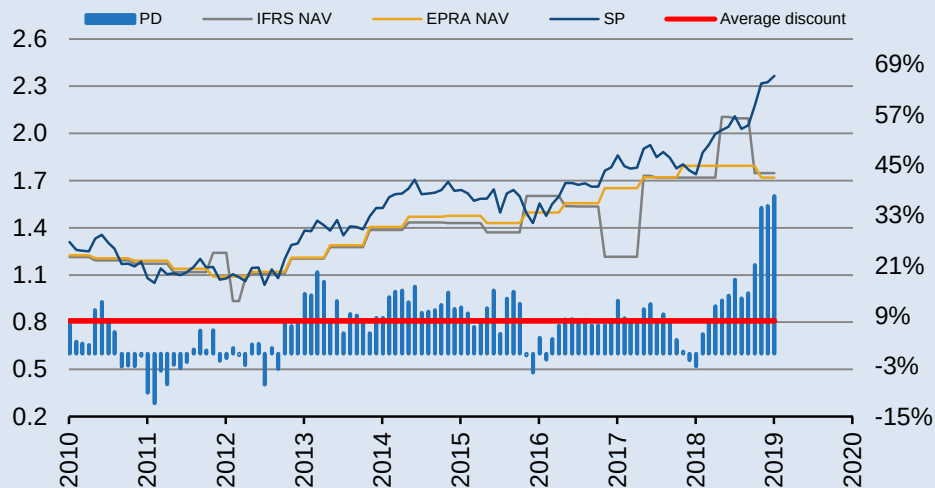
Unite Group



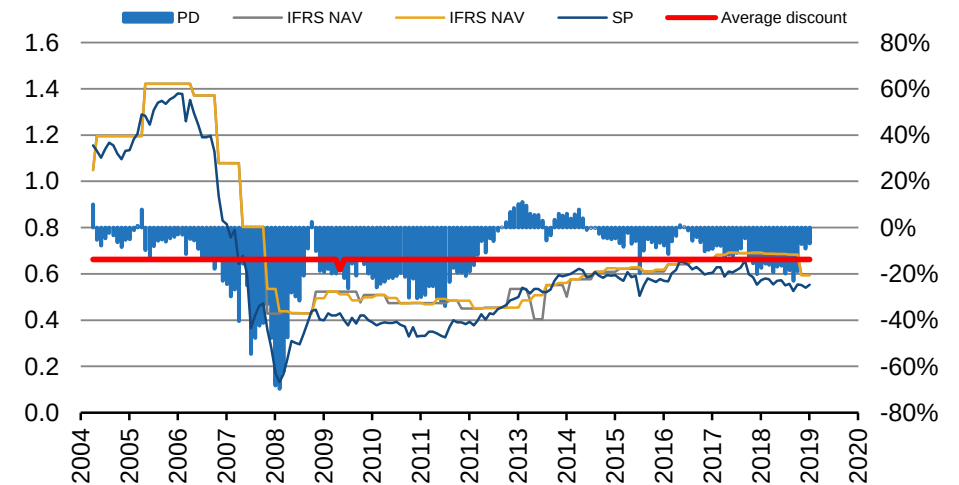
Primary Health Properties



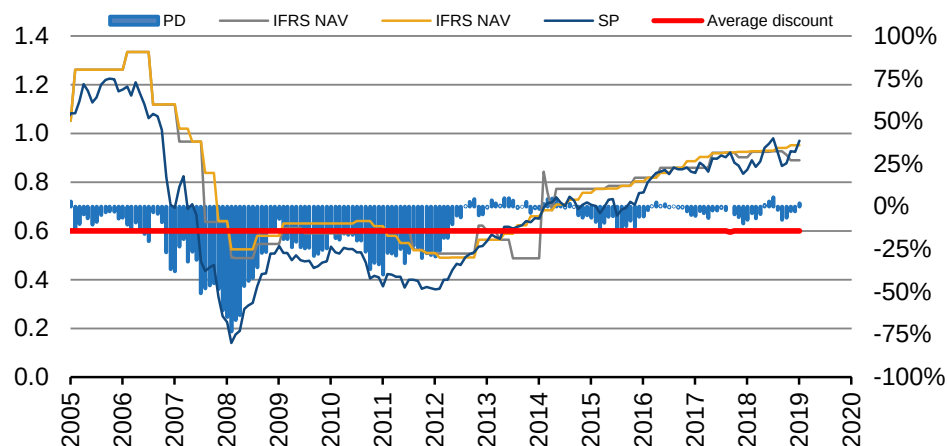
LondonMetric Property



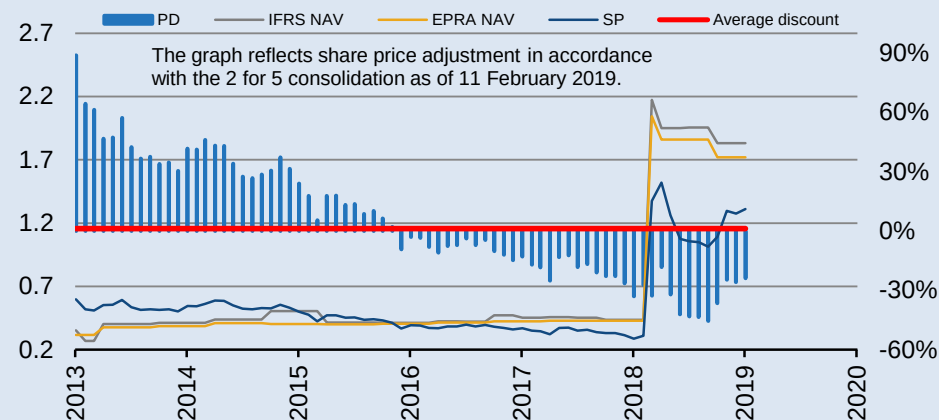
Schroder REIT



Picton Property

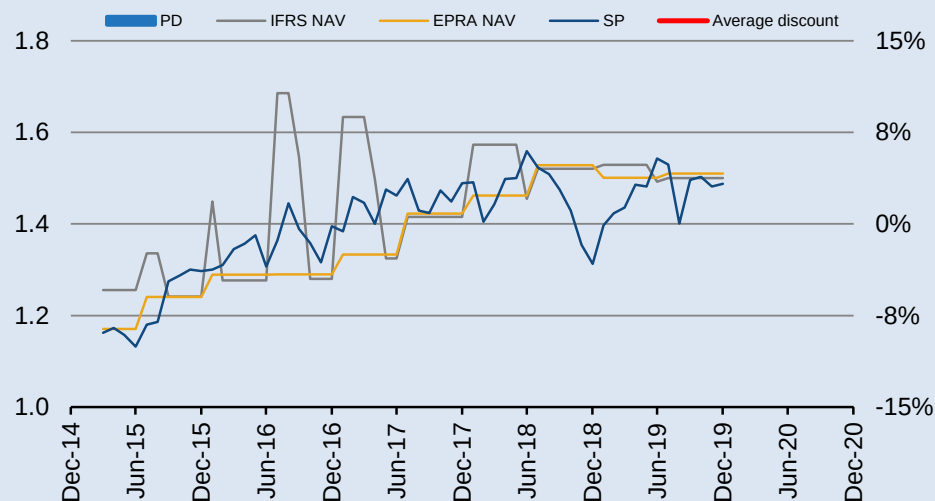


RDI REIT

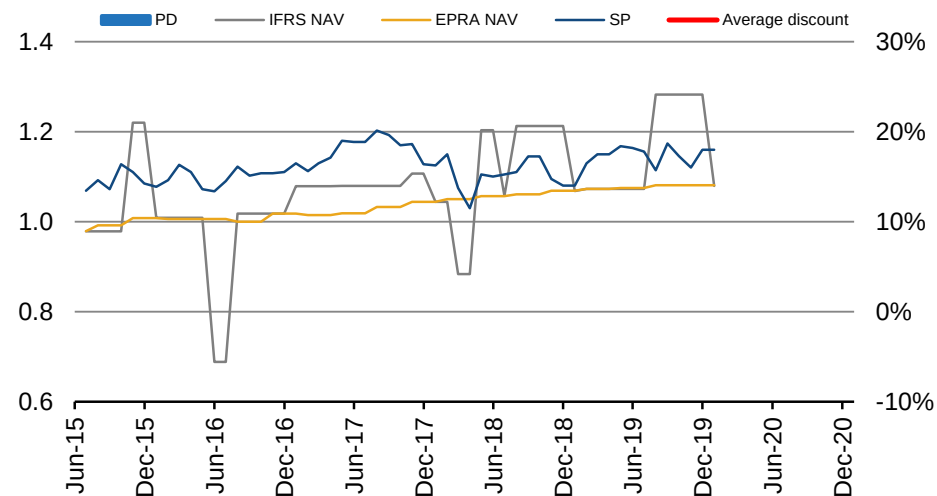


The graph reflects share price adjustment as of 11 February 2019 where a 1 for 5 share consolidation took place.

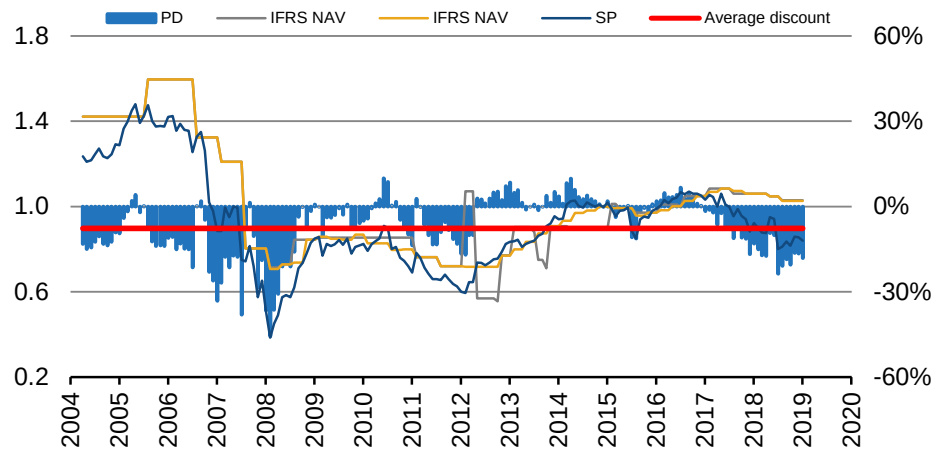
Tritax Big Box REIT



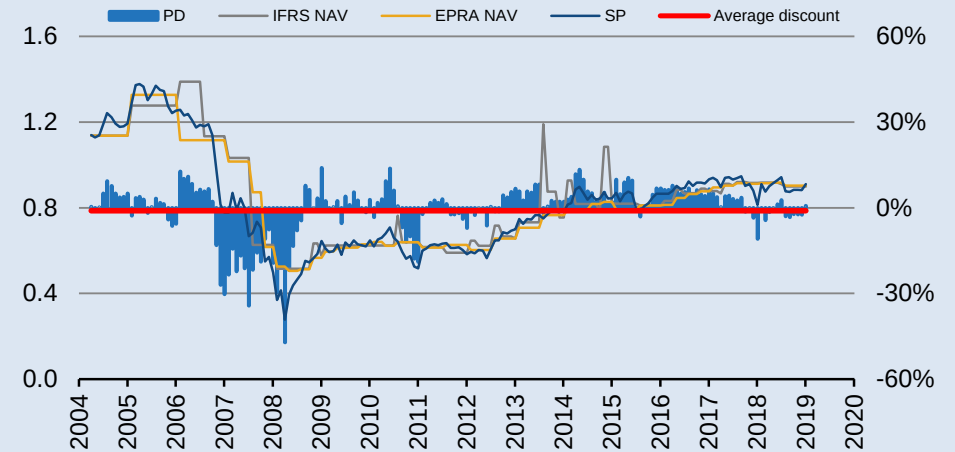
Target Healthcare REIT



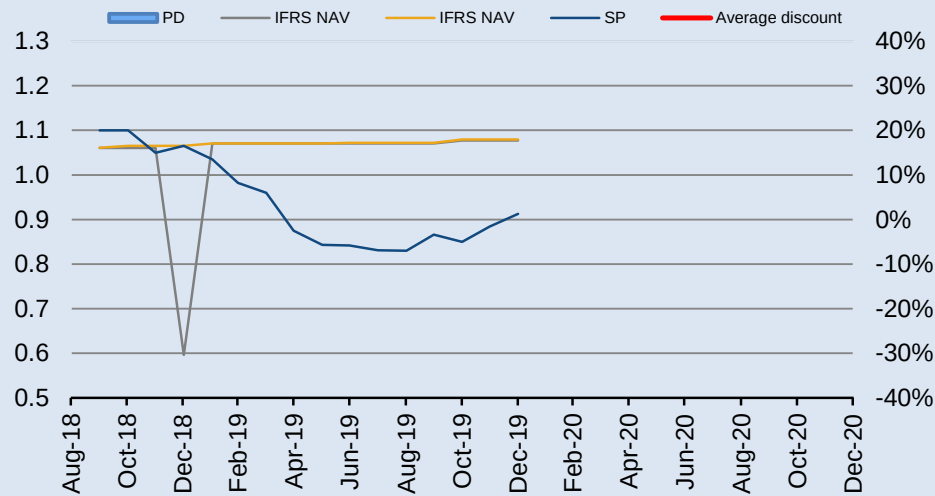
BMO UK Real Estate Investments



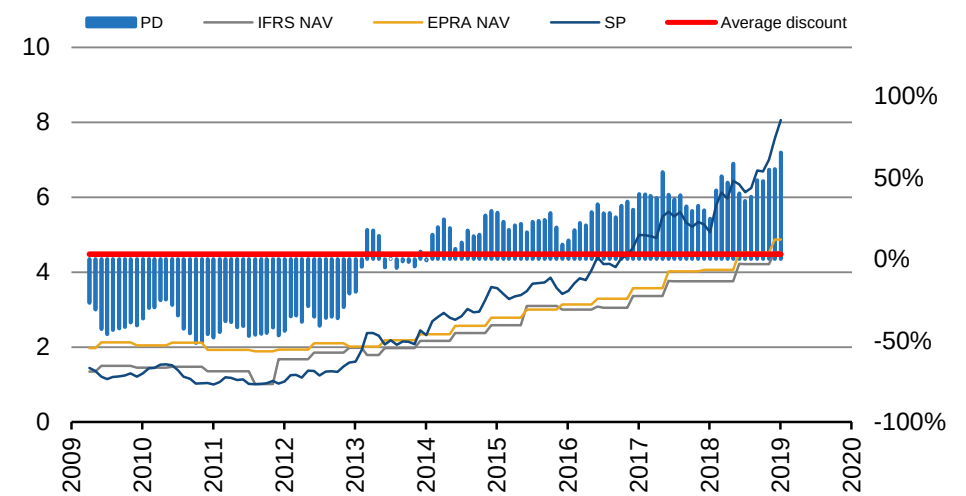
Standard Life Inv Prop Income Trust



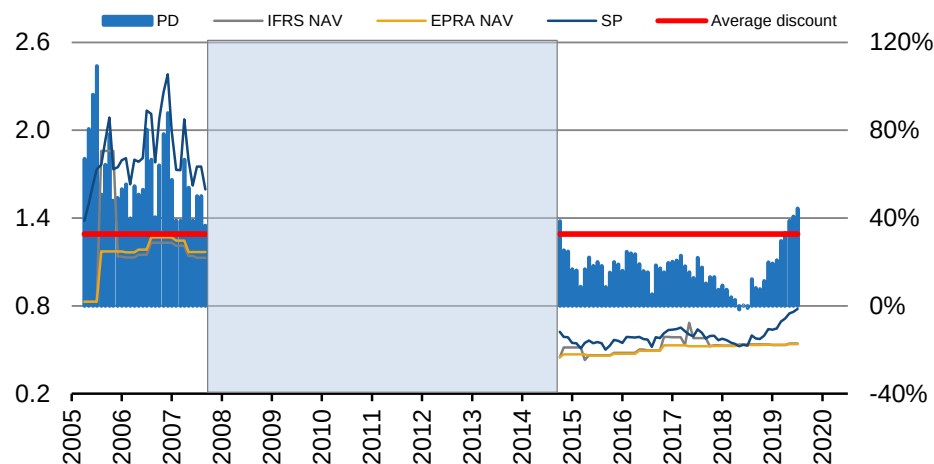
Civitas Social Housing



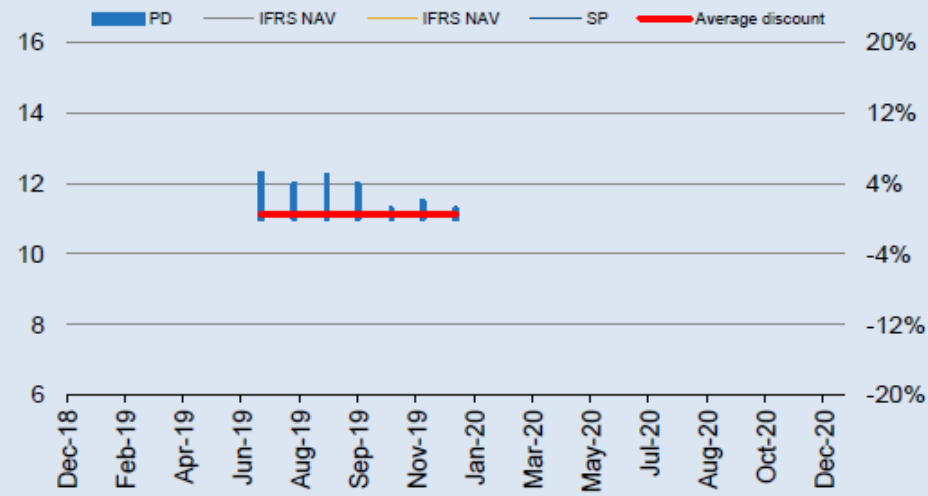
Safestore



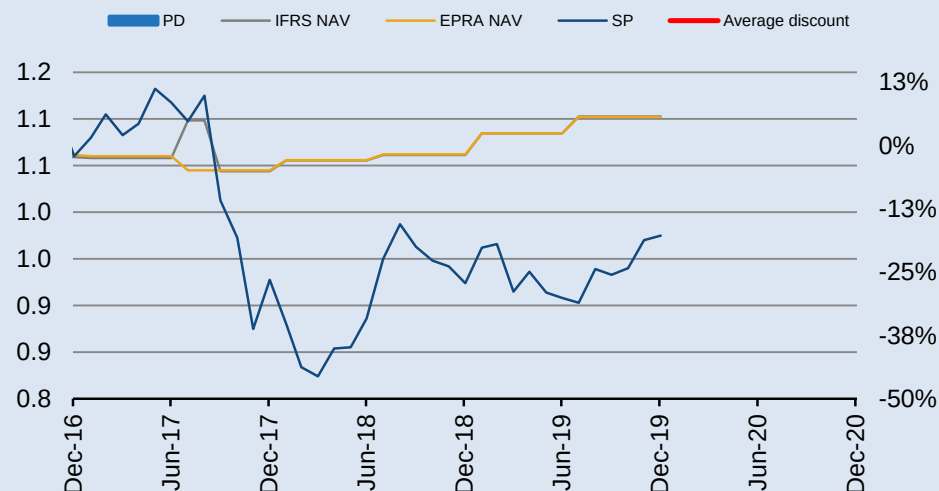
Assura Plc



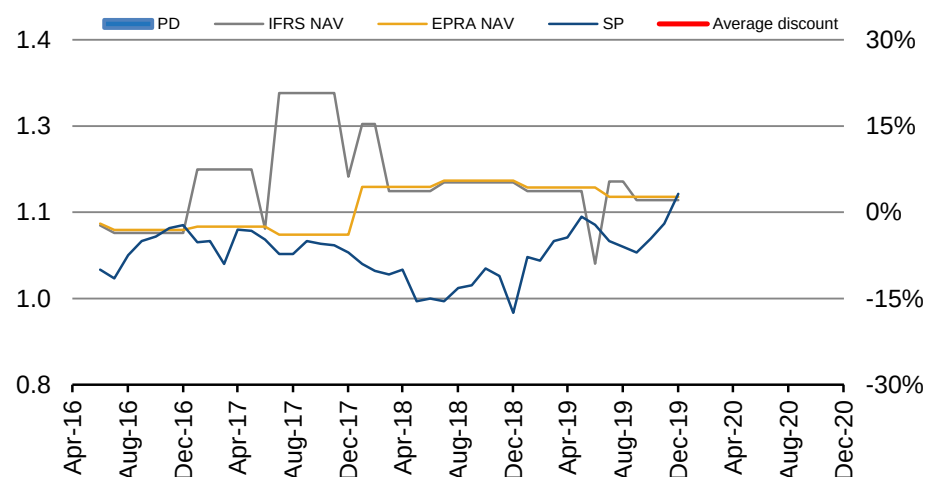
Impact Healthcare REIT



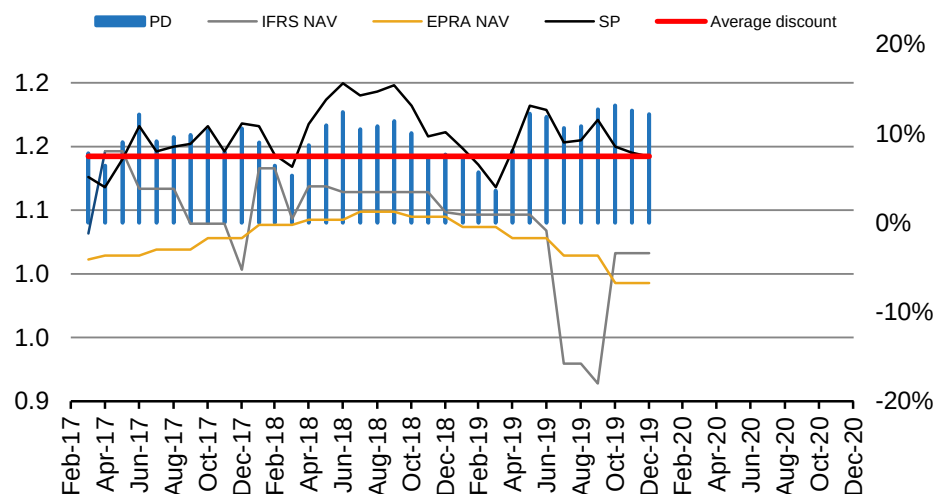
Empiric Student Property



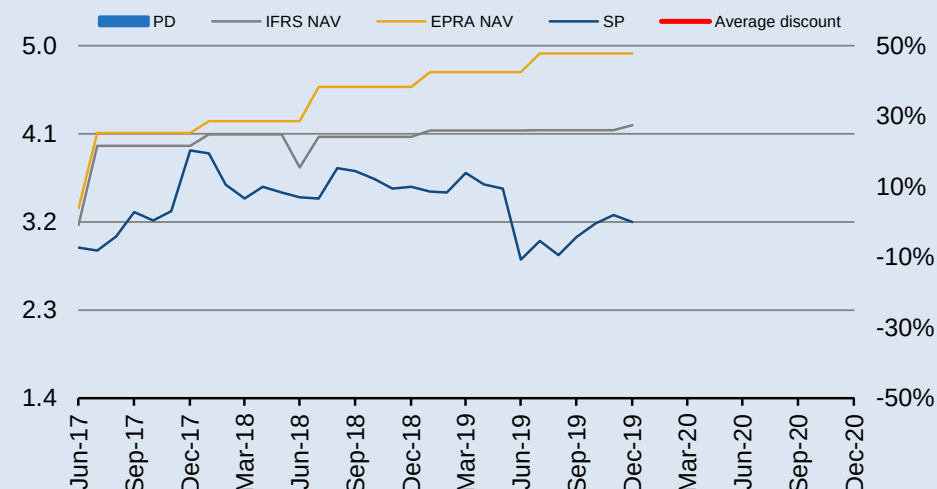
Regional REIT



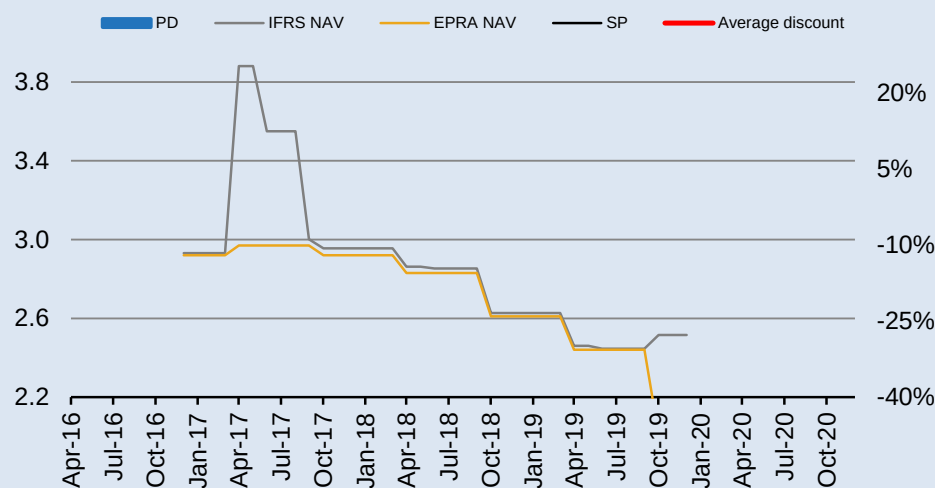
Custodian REIT



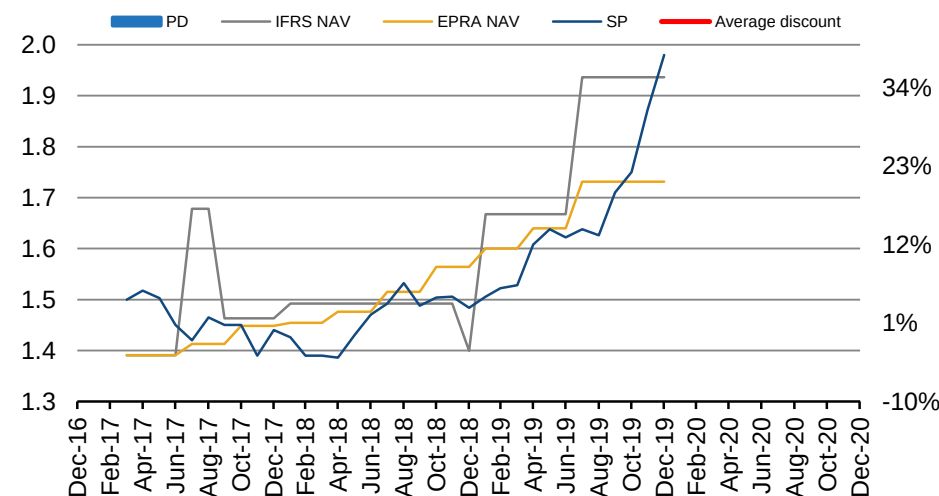
Phoenix Spree Deutschland



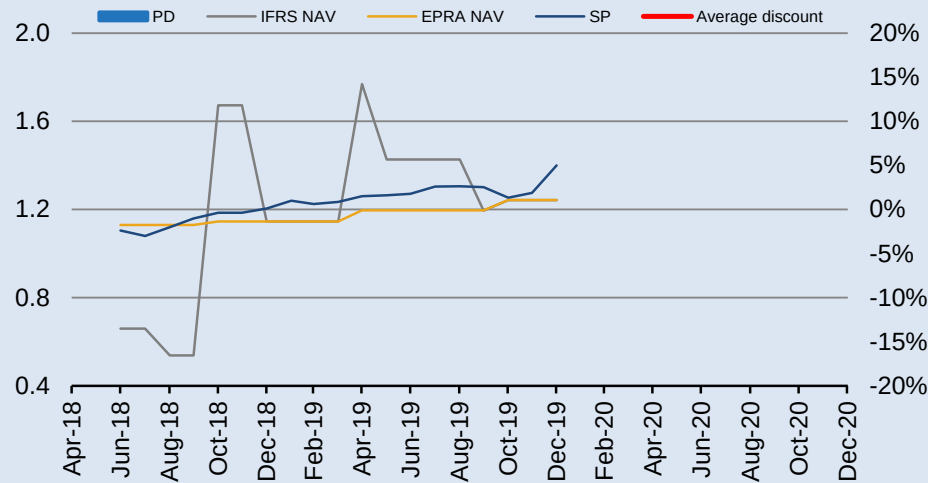
NewRiver REIT



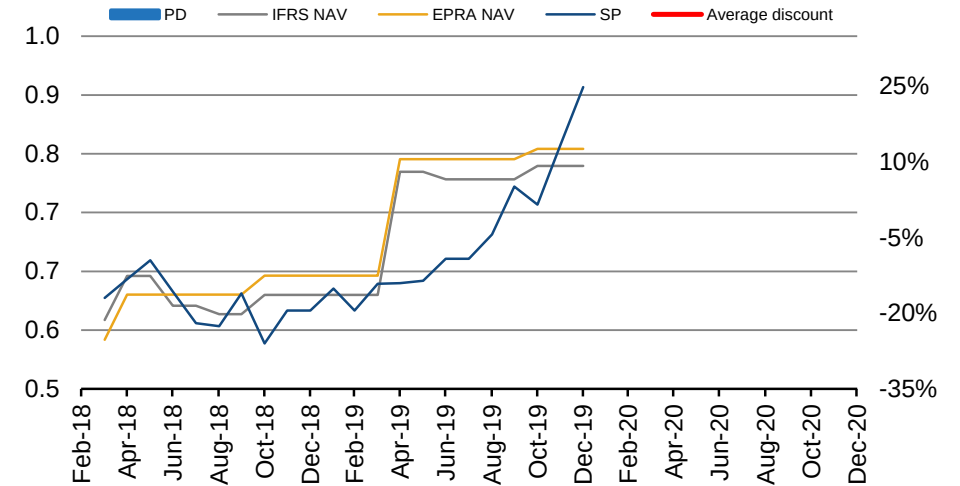
GCP Student Living



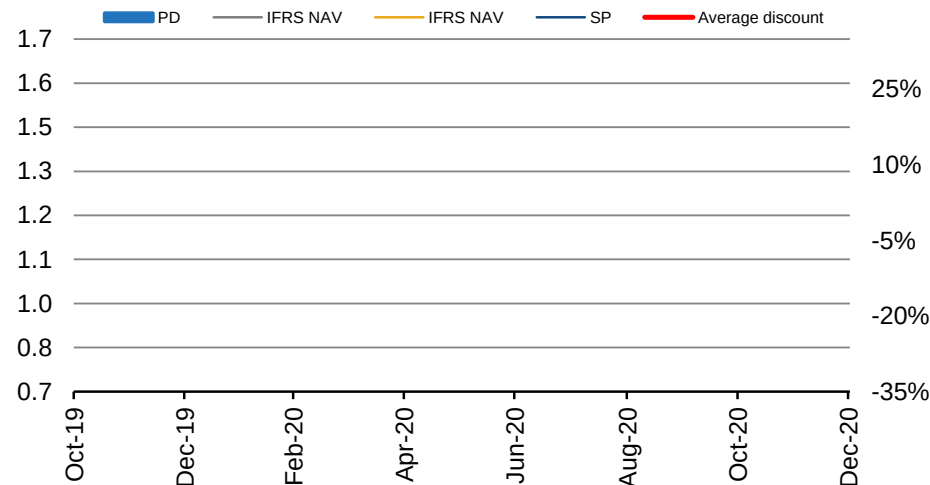
LXi REIT



Sirius Real Estate



Tritax Eurobox



FTSE EPRA Nareit France Index

As of: **June 30th , 2020**

Premium / Discount: **-44.9%**
Last month: **-46.6%**

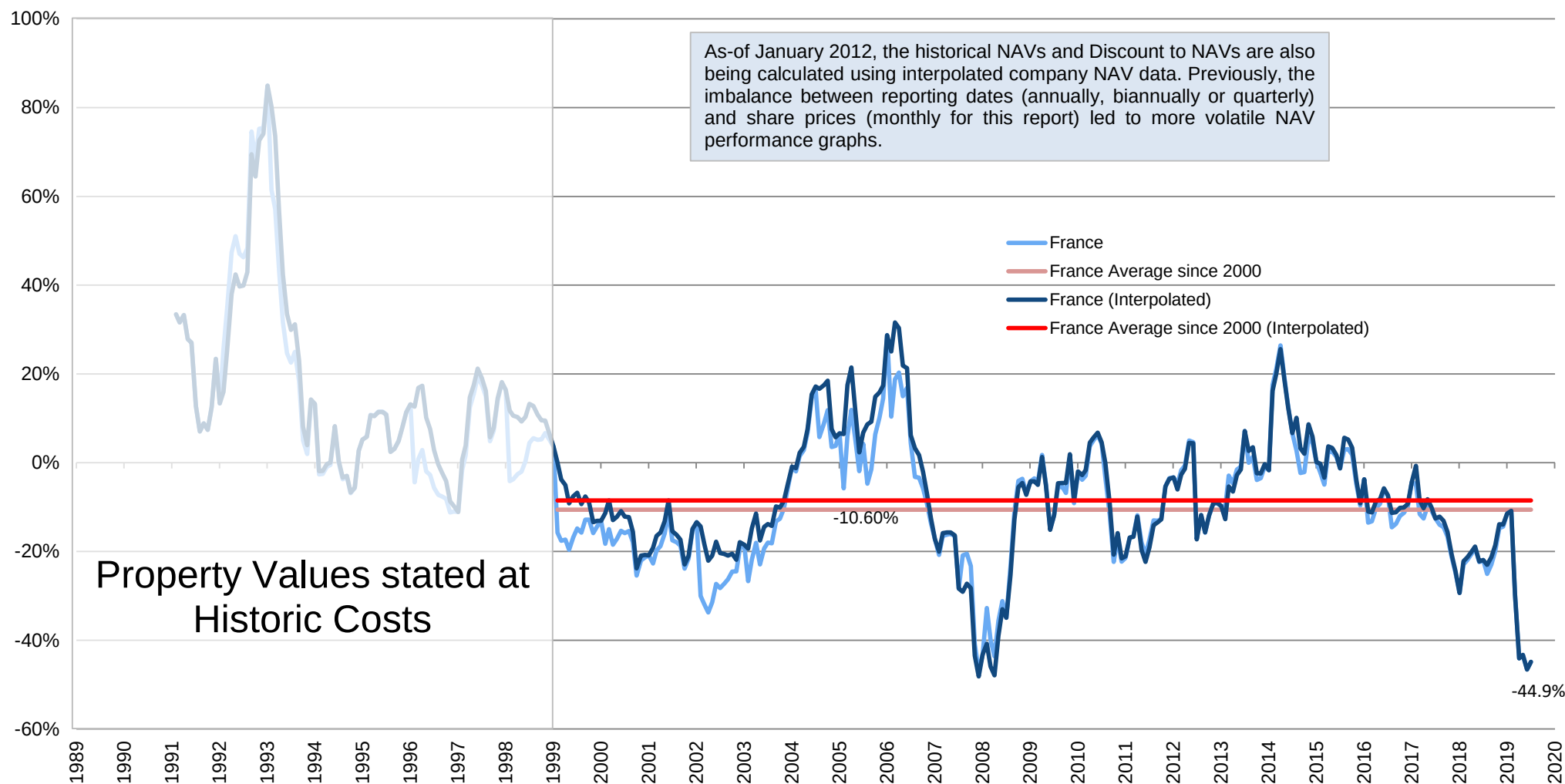
Total NAV (million EUR): **46,726**
Total MC (million EUR): **25,761**

Number of constituents: **6**
Trading at Premium: **0** **0%** of market cap
Trading at Discount: **6** **100%** of market cap

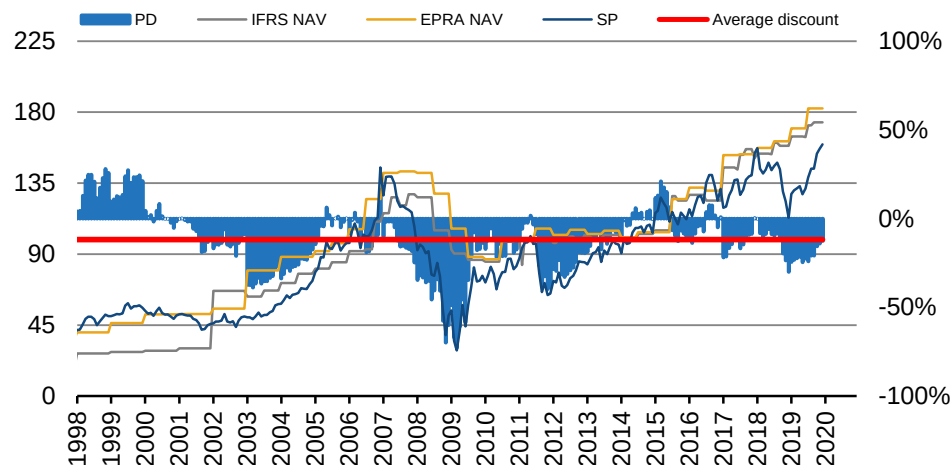
Average since 1989:
10 year average: **-8.4%**
5 year average: **-12.8%**
3 year average: **-19.6%**
2 year average: **-24.1%**
1 year average: **-27.3%**

Price Index Monthly change: **2.5%**

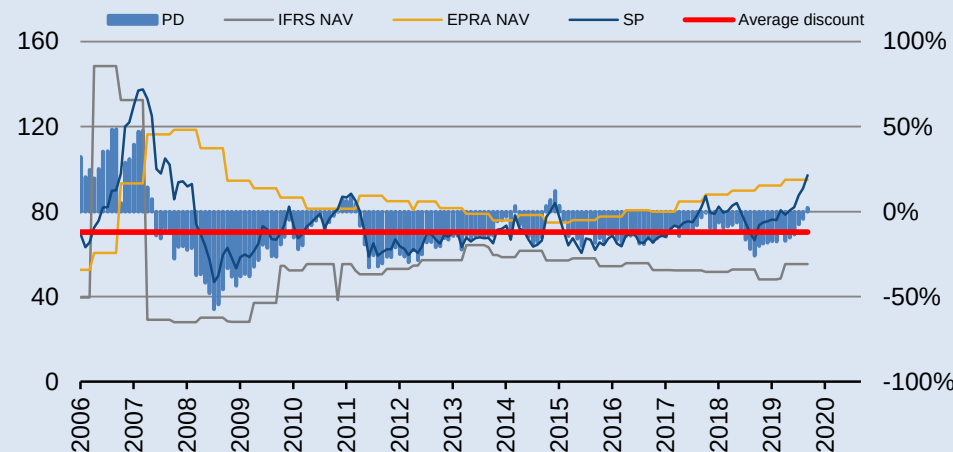
FTSE EPRA Nareit France Index Discount to Published NAV



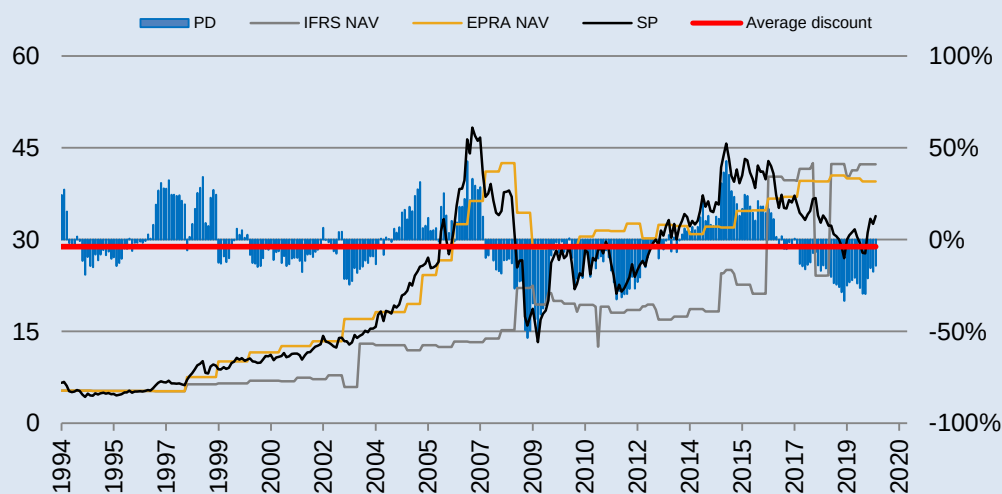
Gecina



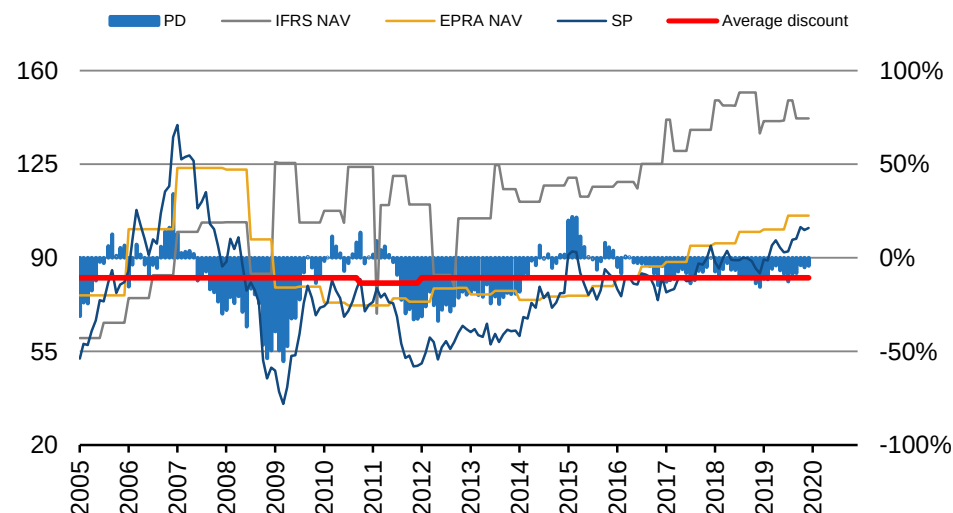
Icade



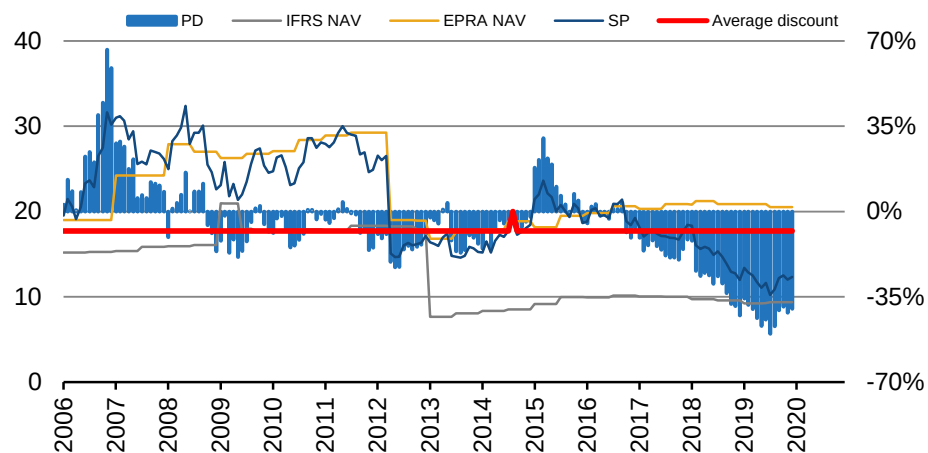
Klépierre



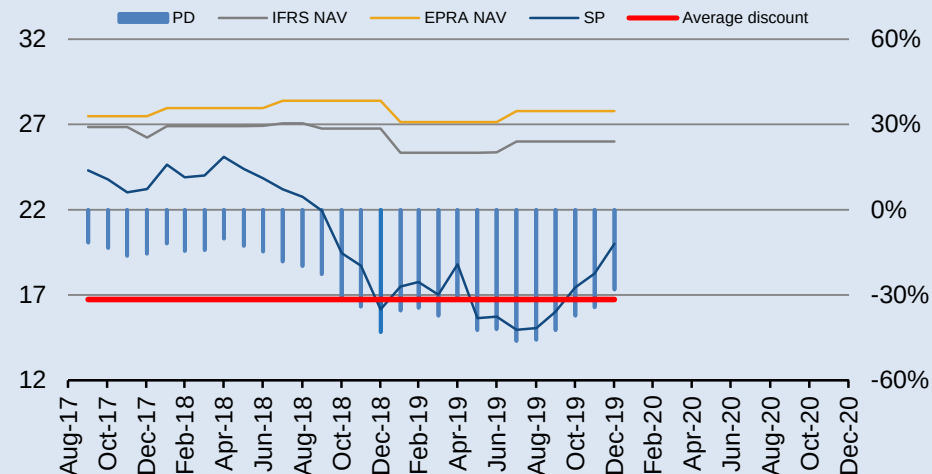
Covivio



Mericalys



Carmila



FTSE EPRA Nareit Netherlands Index

As of: **June 30th , 2020**

Premium / Discount: **-74.6%**
Last month: **-75.8%**

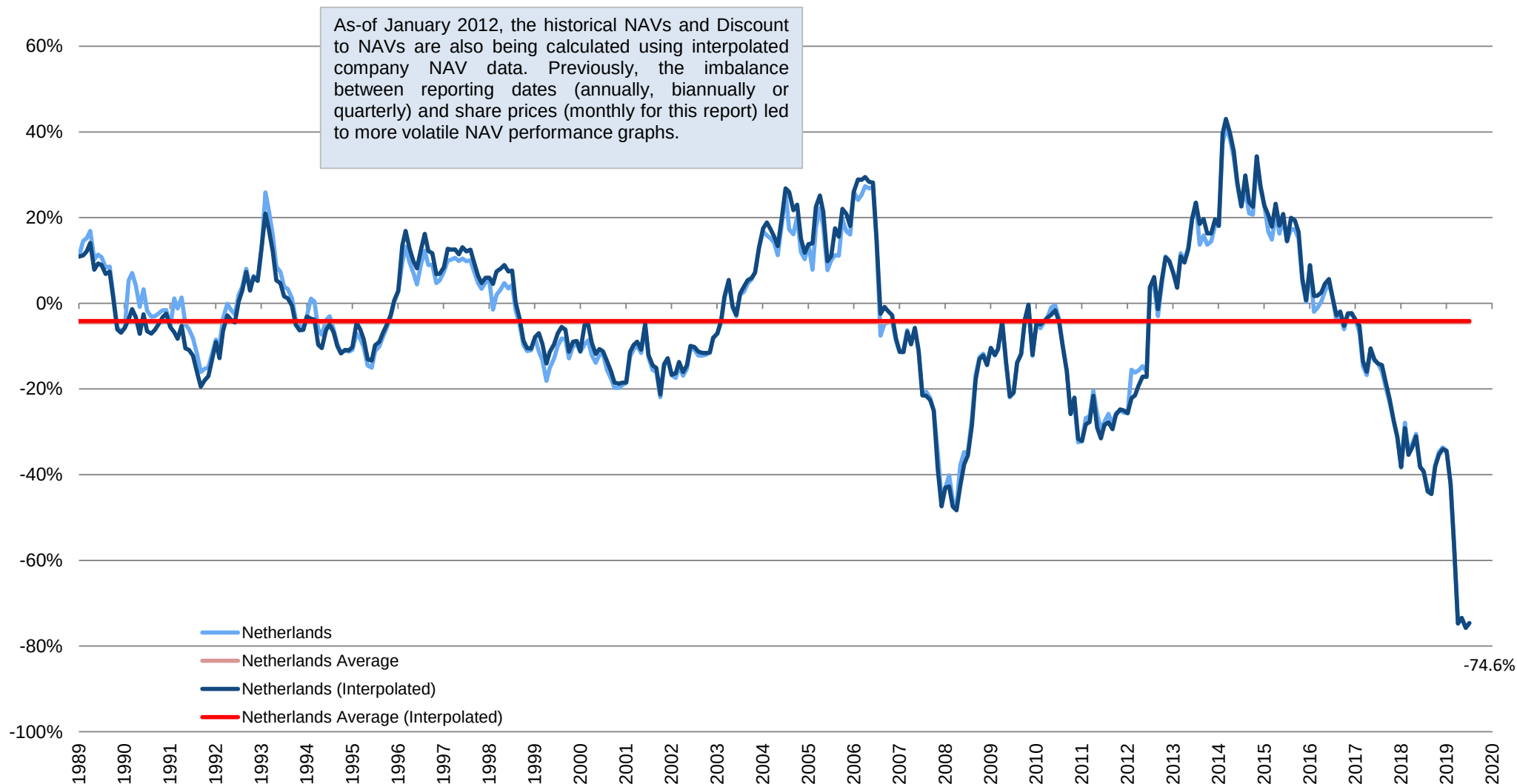
Total NAV (million EUR): **34,731**
Total MC (million EUR): **8,809**

Number of constituents: **5**
Trading at Premium: **0** **0%** of market cap
Trading at Discount: **5** **100%** of market cap

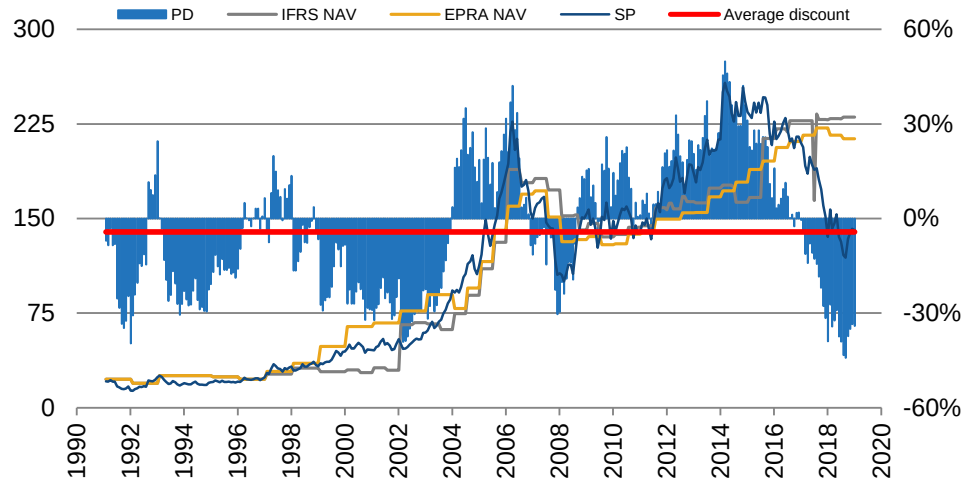
Average since 1989: **-6.8%**
10 year average: **-7.8%**
5 year average: **-12.7%**
3 year average: **-30.1%**
2 year average: **-41.0%**
1 year average: **-52.1%**

Price Index Monthly change: **4.6%**

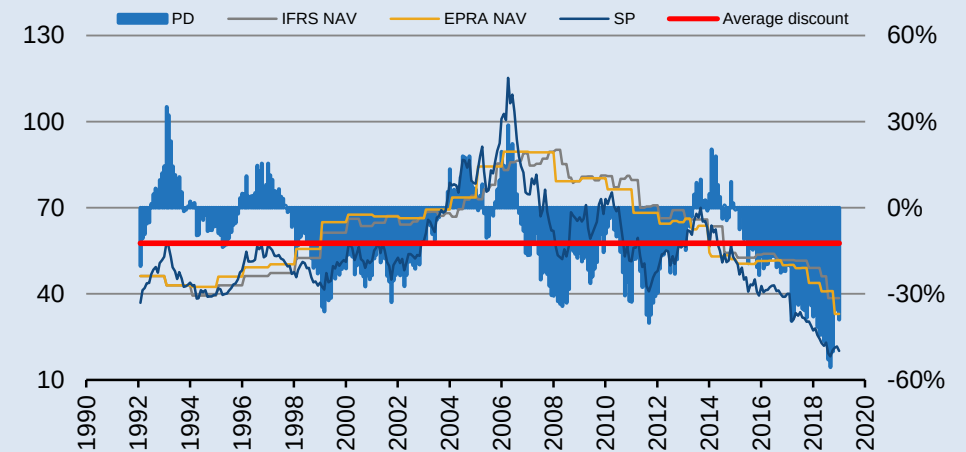
FTSE EPRA Nareit Netherlands Index Discount to Published NAV



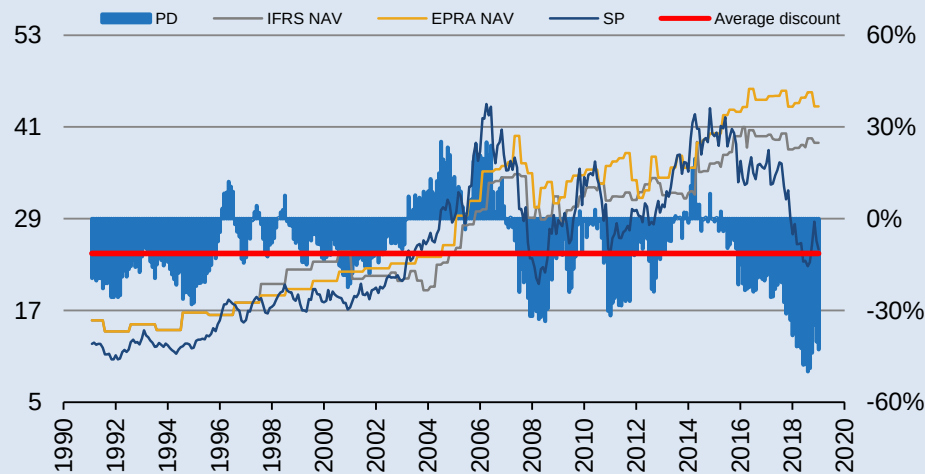
Unibail-Rodamco-Westfield



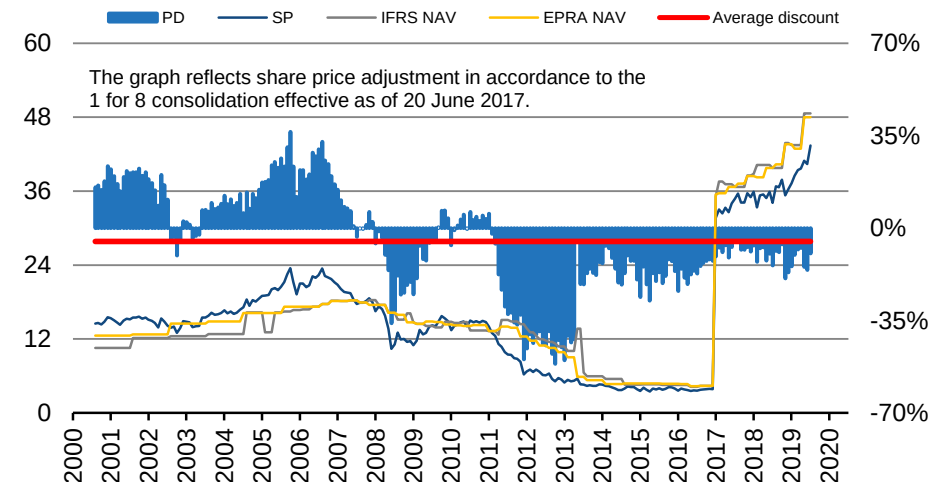
Wereldhave



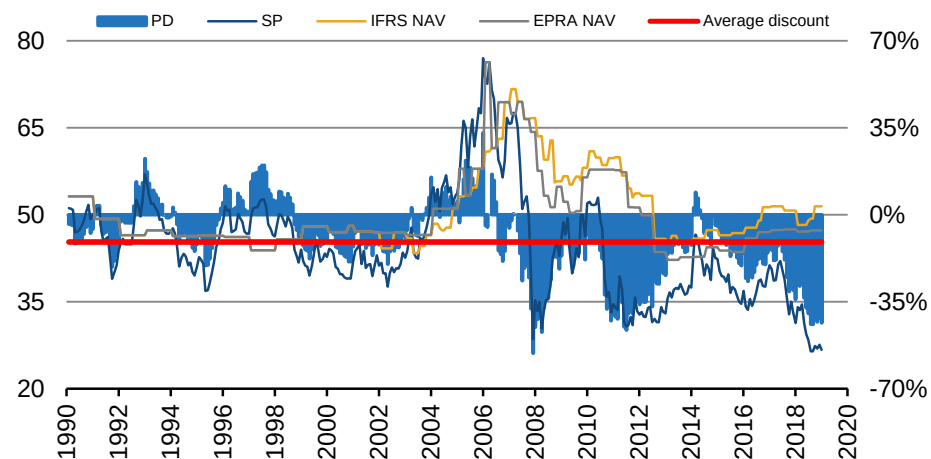
Eurocommercial Properties



NSI



Vastned Retail



FTSE EPRA Nareit Germany Index

As of: **June 30th , 2020**

Premium / Discount: **-18.4%**
Last month: **-20.3%**

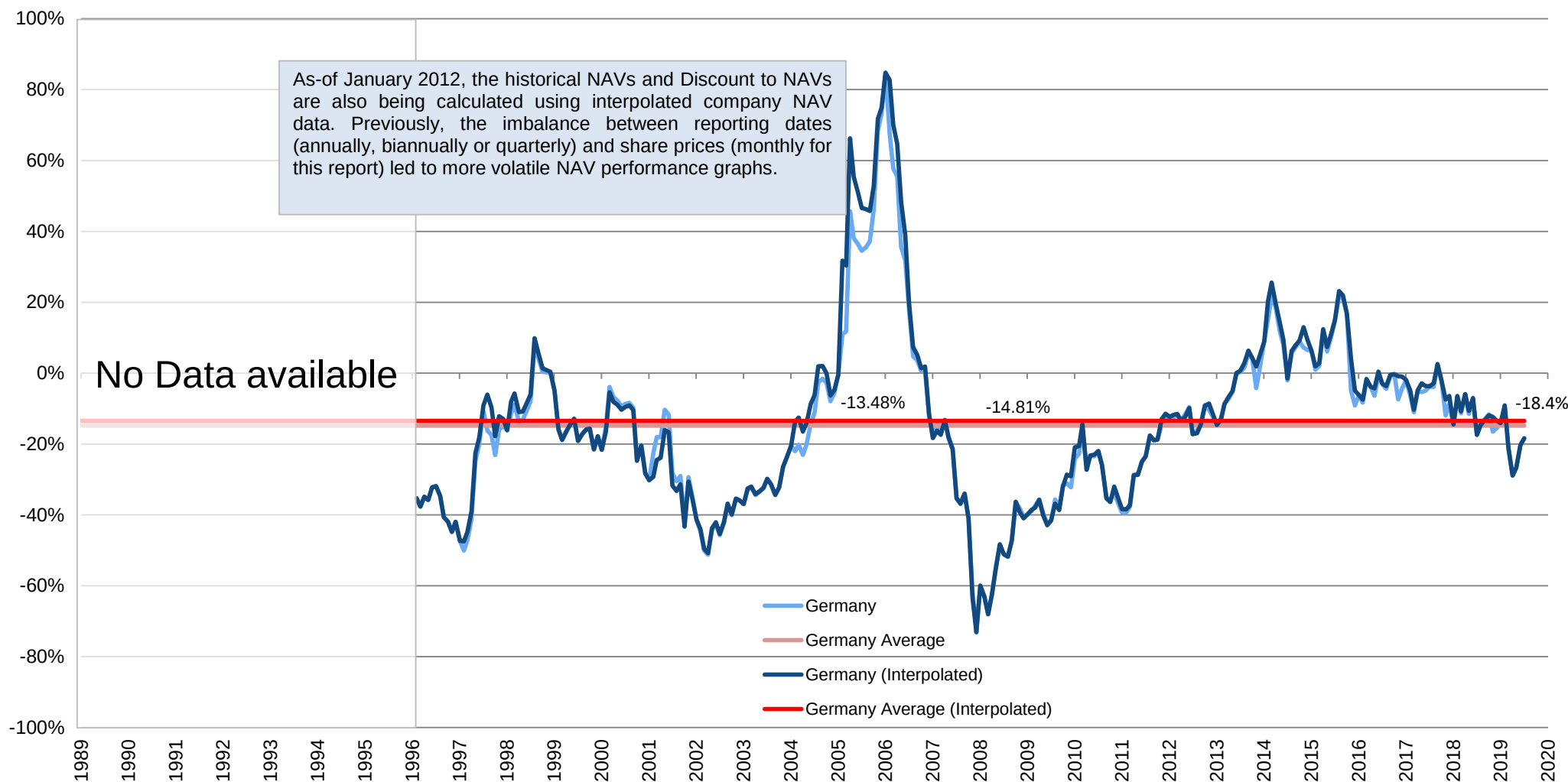
Total NAV (million EUR): **90,265**
Total MC (million EUR): **73,675**

Number of constituents: **11**
Trading at Premium: **2** **15%** of market cap
Trading at Discount: **9** **85%** of market cap

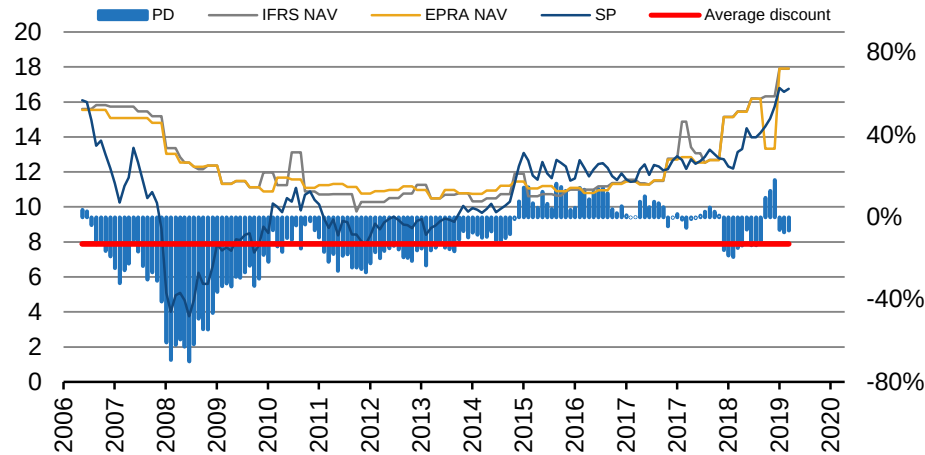
Average since 1989:
10 year average: **-9.8%**
5 year average: **-4.4%**
3 year average: **-10.2%**
2 year average: **-12.9%**
1 year average: **-17.5%**

Price Index Monthly change: **2.6%**

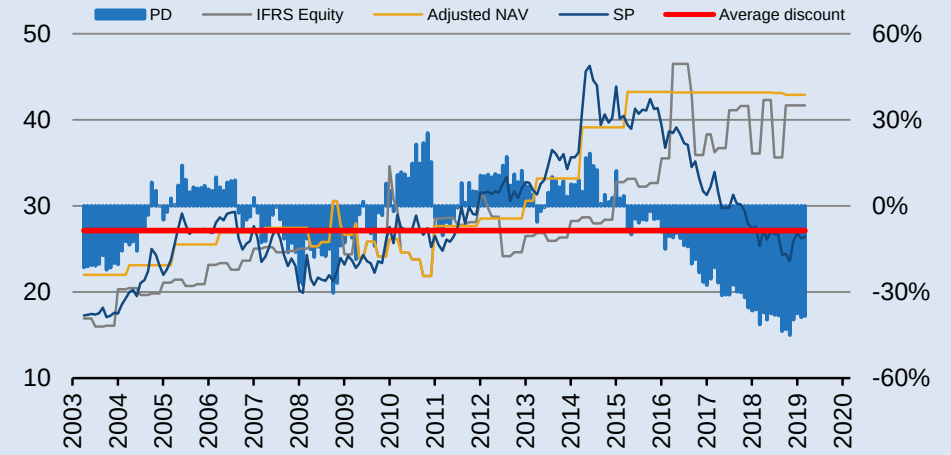
FTSE EPRA Nareit Germany Index Discount to Published NAV



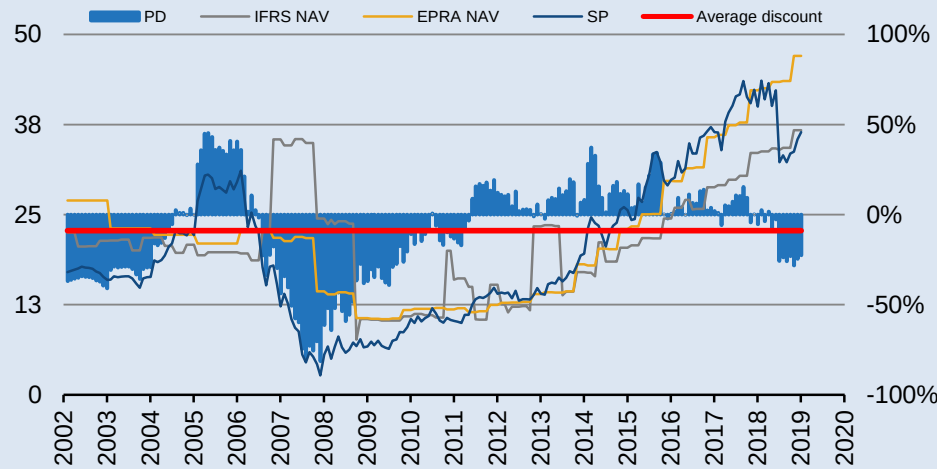
Alstria Office REIT



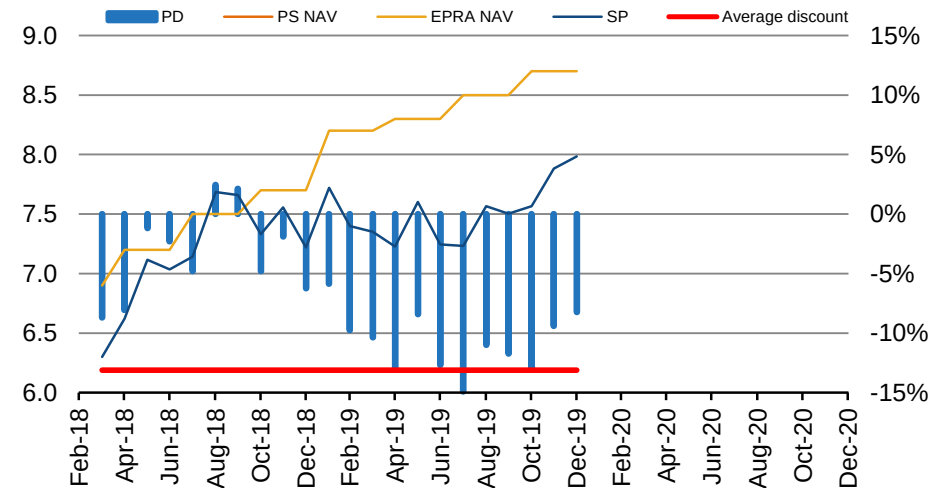
Deutsche Euroshop



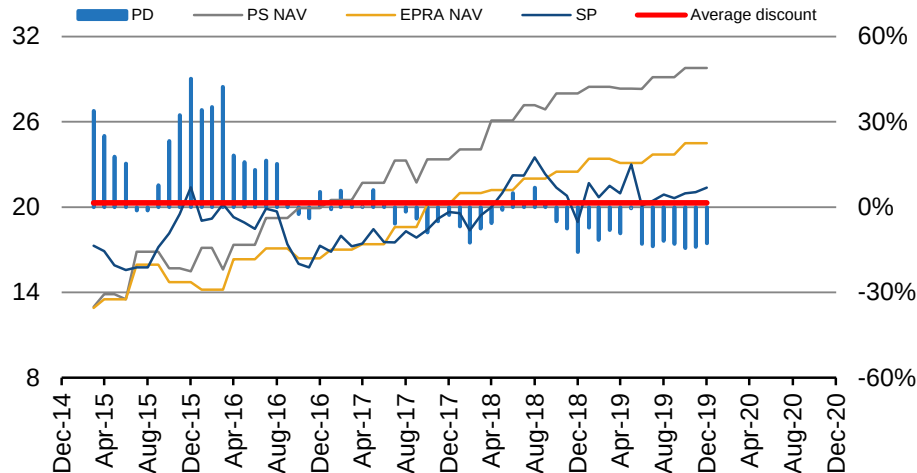
Deutsche Wohnen



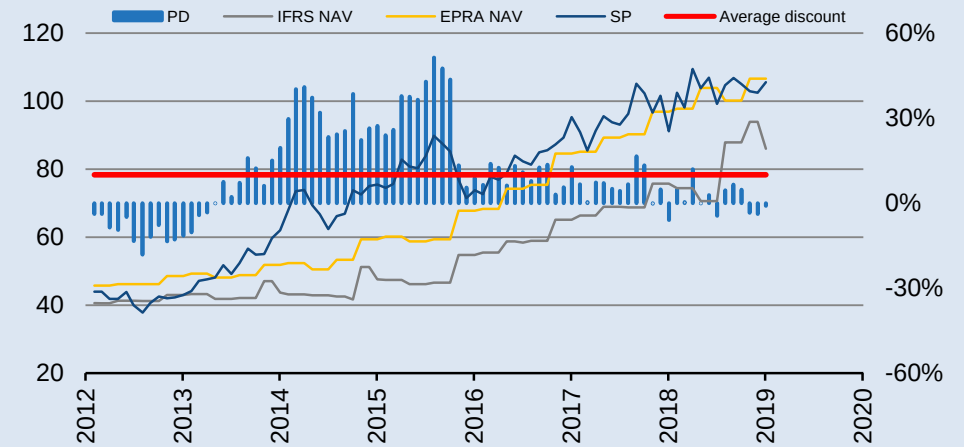
Aroundtown



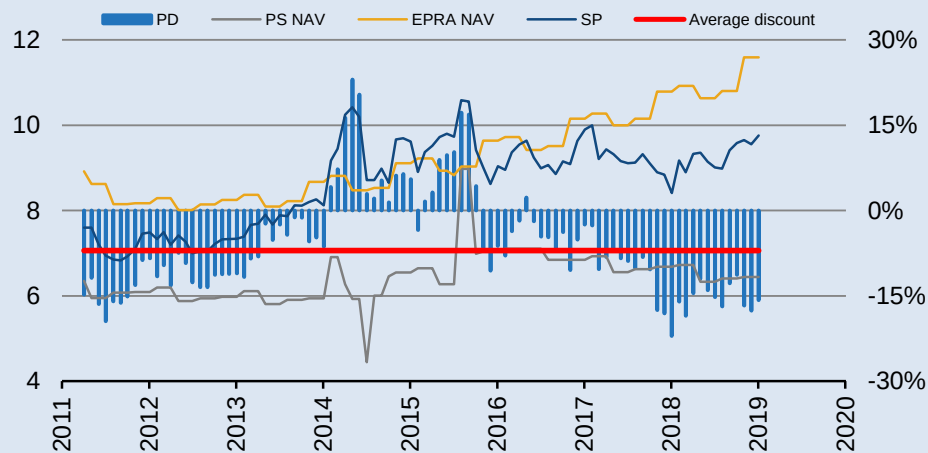
Grand City Properties



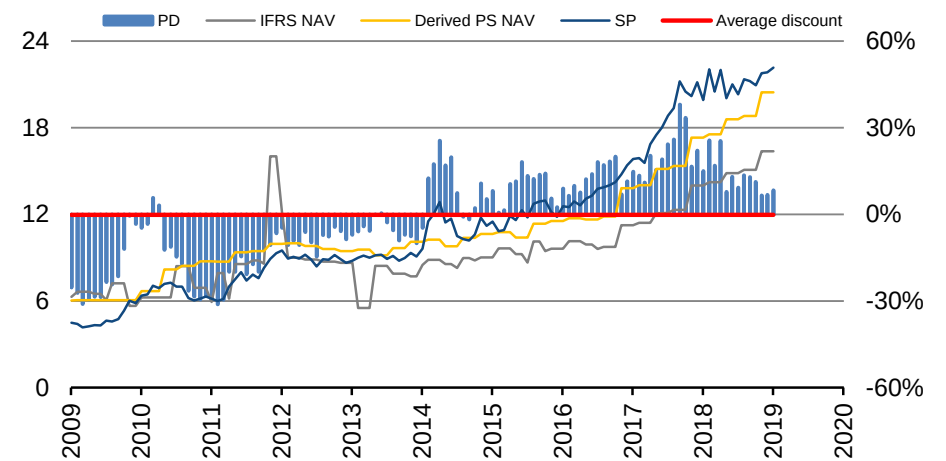
LEG Immobilien



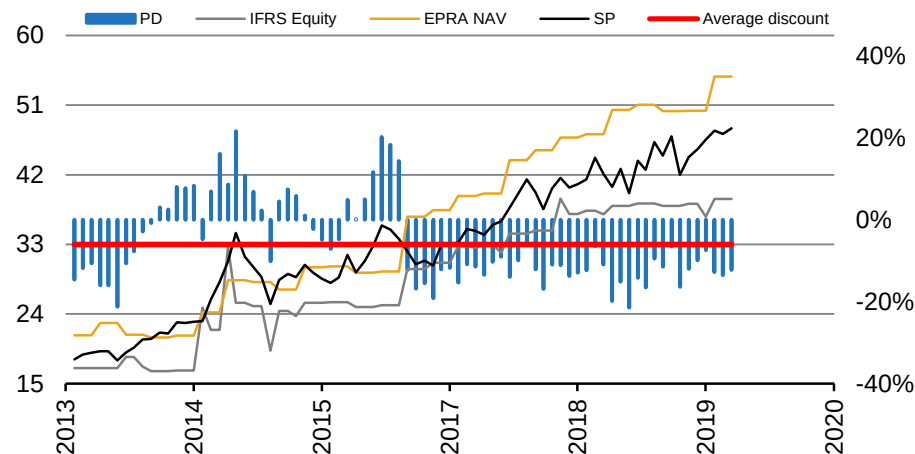
Hamborner REIT



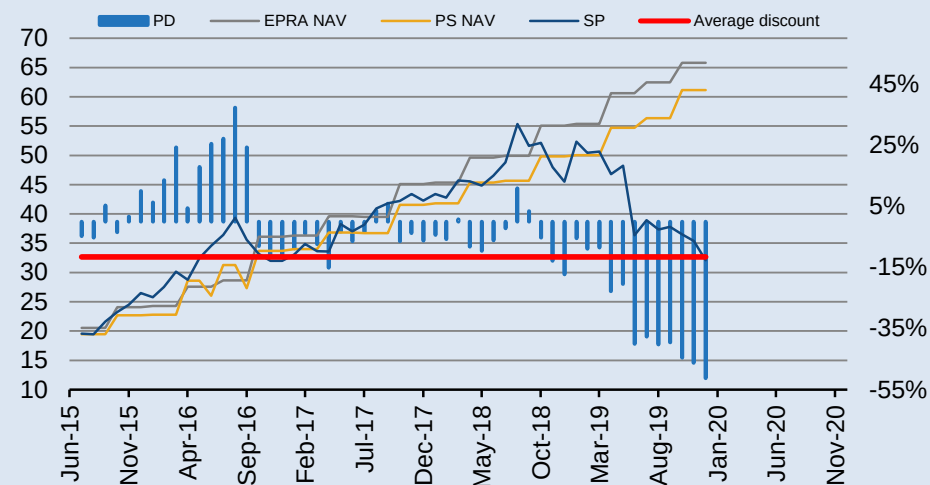
TAG Immobilien



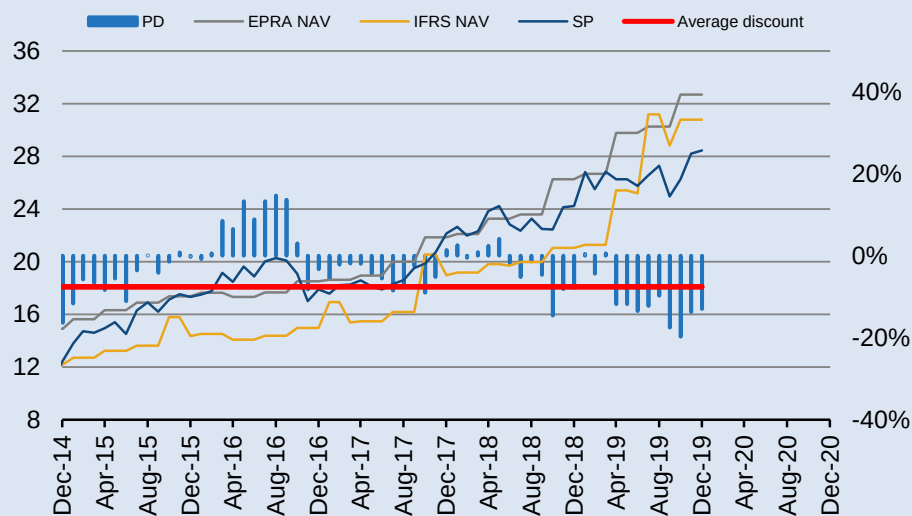
Vonovia



ADO Properties



TLG Immobilien



FTSE EPRA Nareit Sweden Index

As of: **June 30th , 2020**

Premium / Discount: **-13.8%**
Last month: **-11.2%**

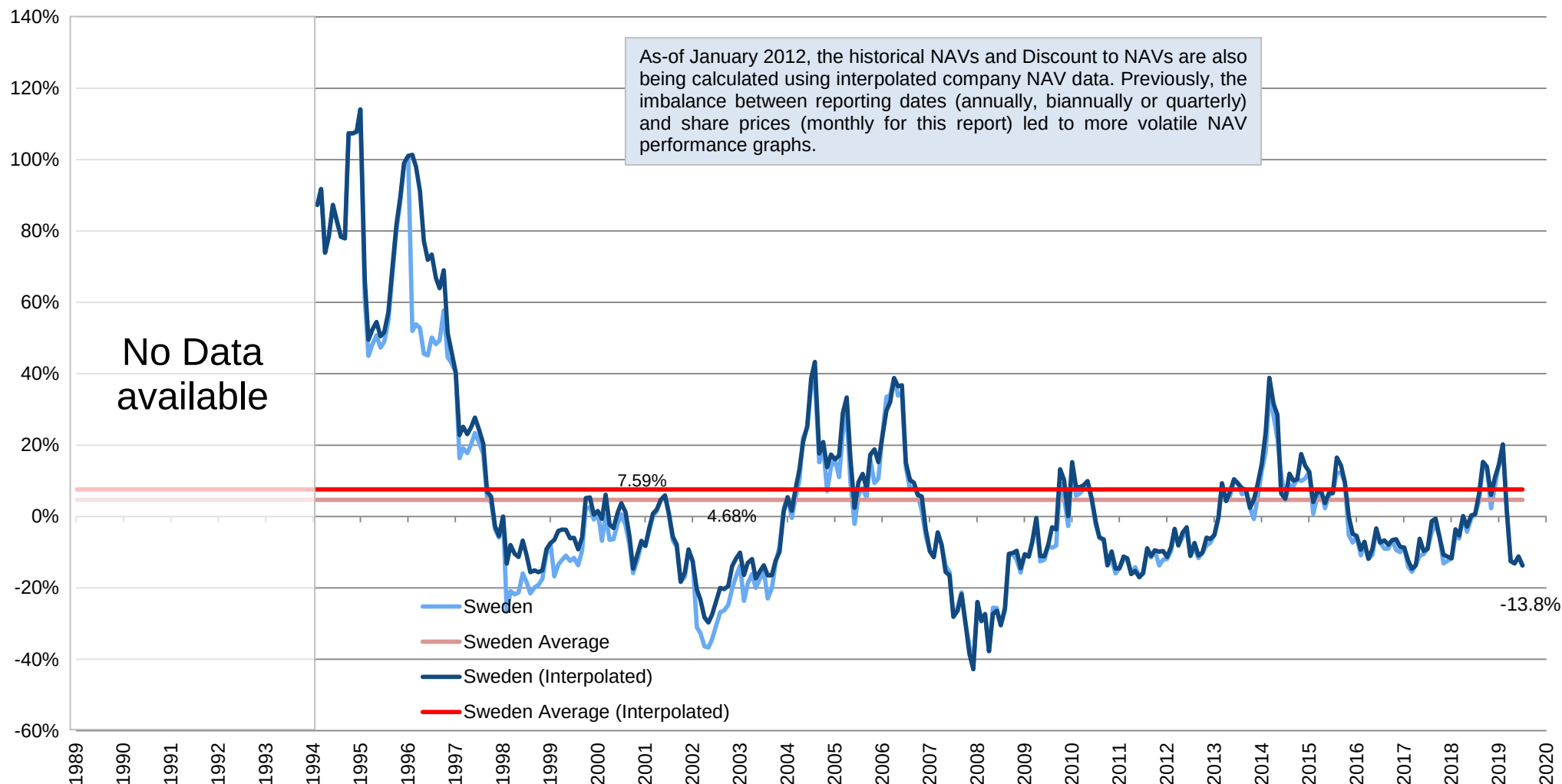
Total NAV (million EUR): **36,576**
Total MC (million EUR): **31,975**

Number of constituents: **14**
Trading at Premium: **5** **46%** of market cap
Trading at Discount: **9** **54%** of market cap

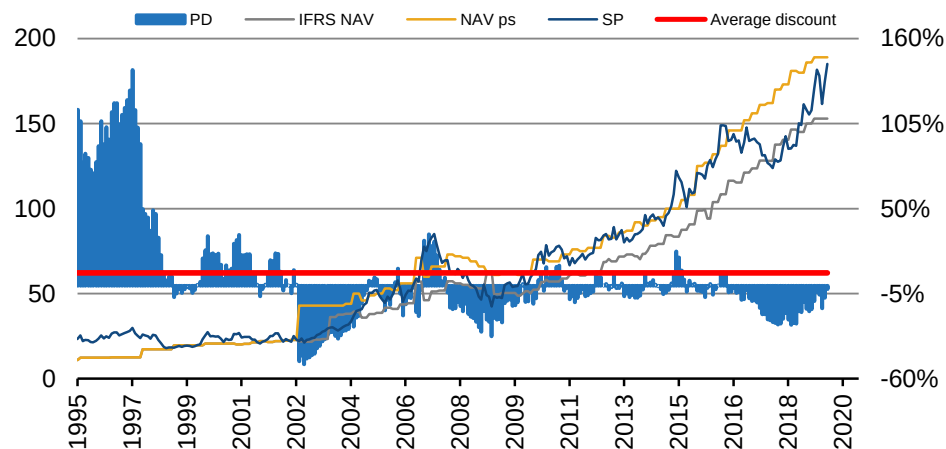
Average since 1989:
10 year average: **-1.7%**
5 year average: **-1.9%**
3 year average: **-4.5%**
2 year average: **-1.5%**
1 year average: **2.3%**

Price Index Monthly change: **-0.4%**

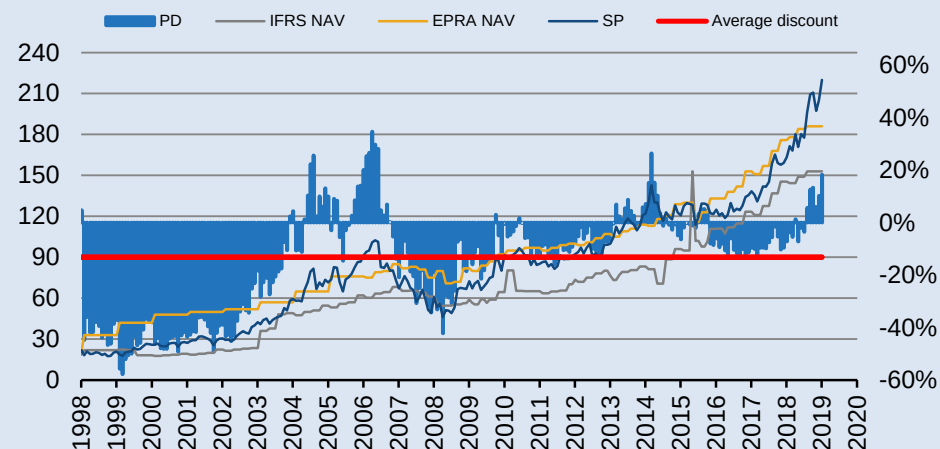
FTSE EPRA Nareit Sweden Index Discount to Published NAV



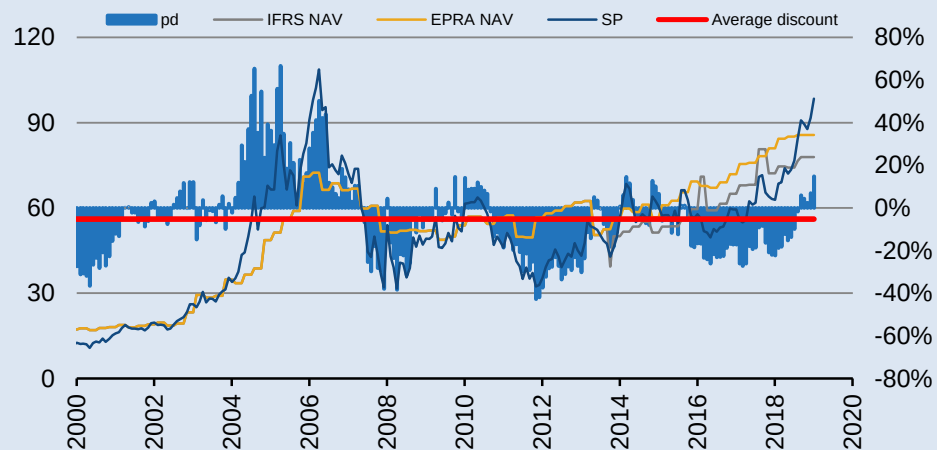
Hufvudstaden A



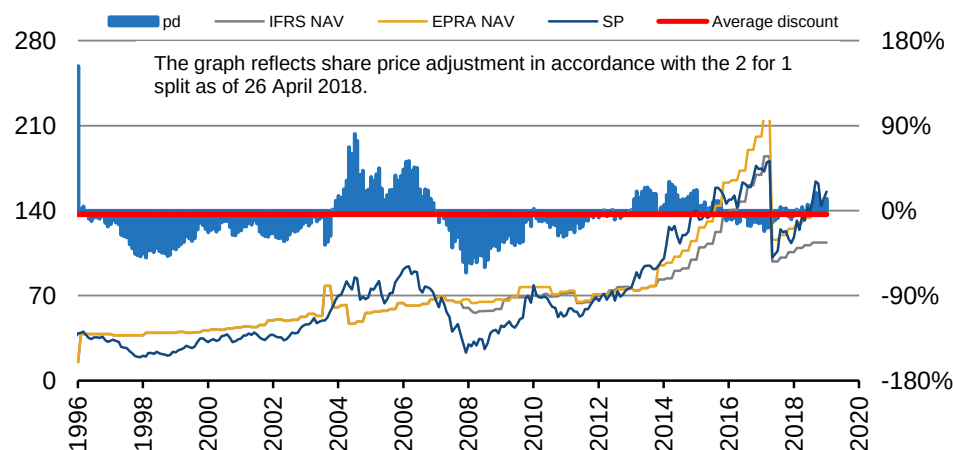
Castellum



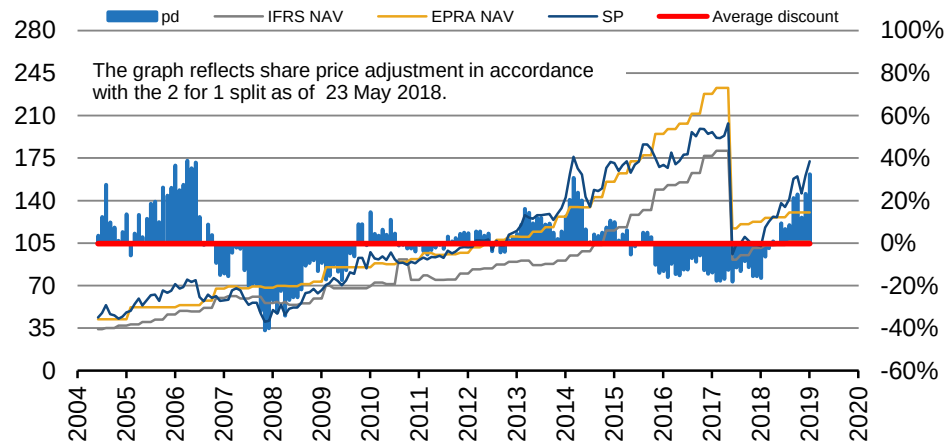
Kungsliden



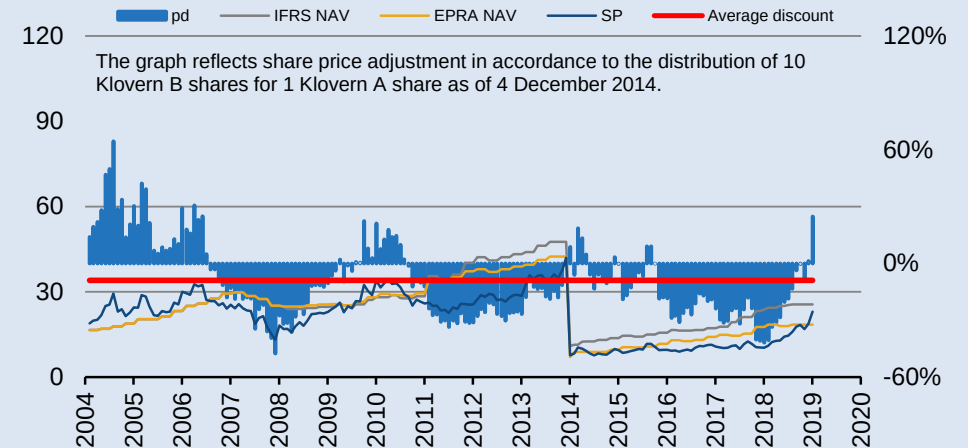
Fabege



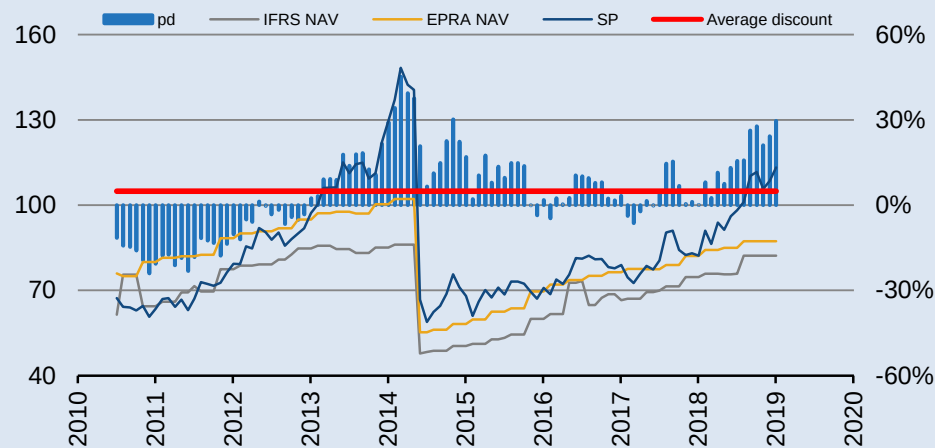
Wihlborgs Fastigheter



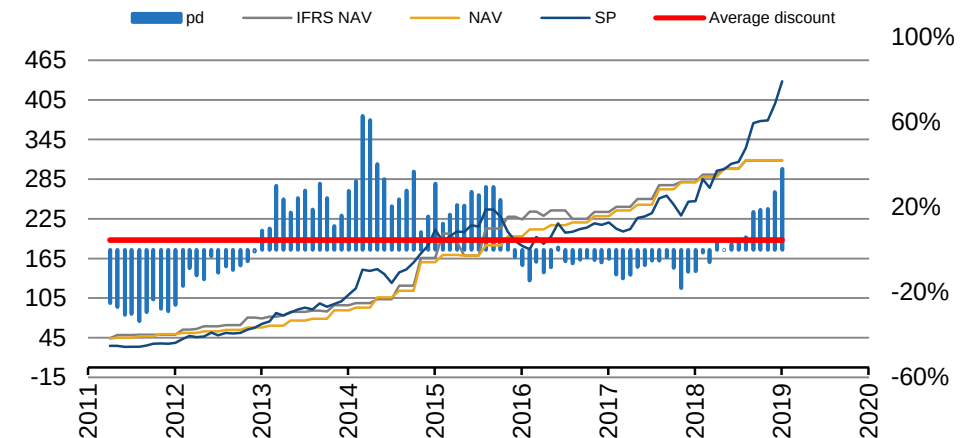
Klovern AB



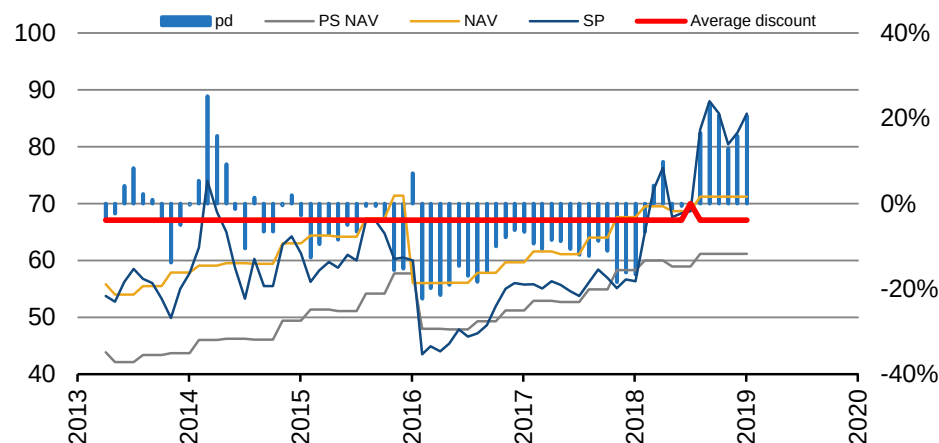
Wallenstam AB



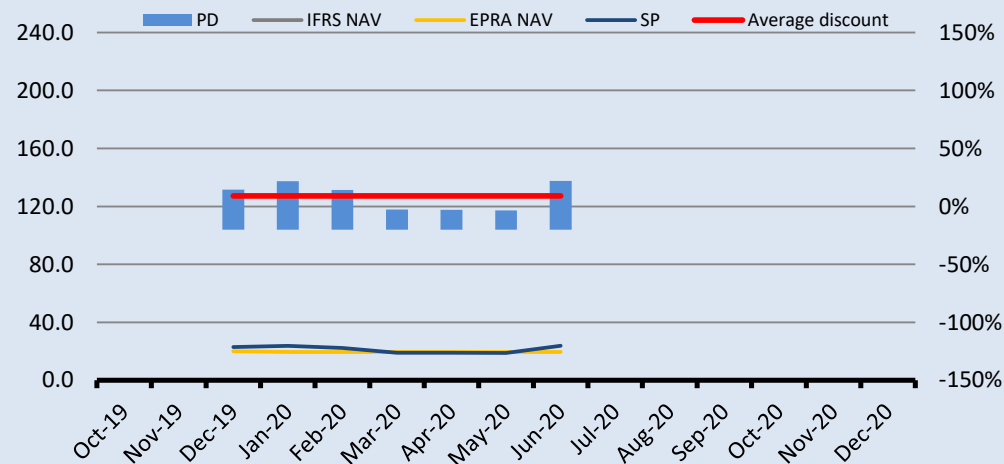
Fastighets AB Balder



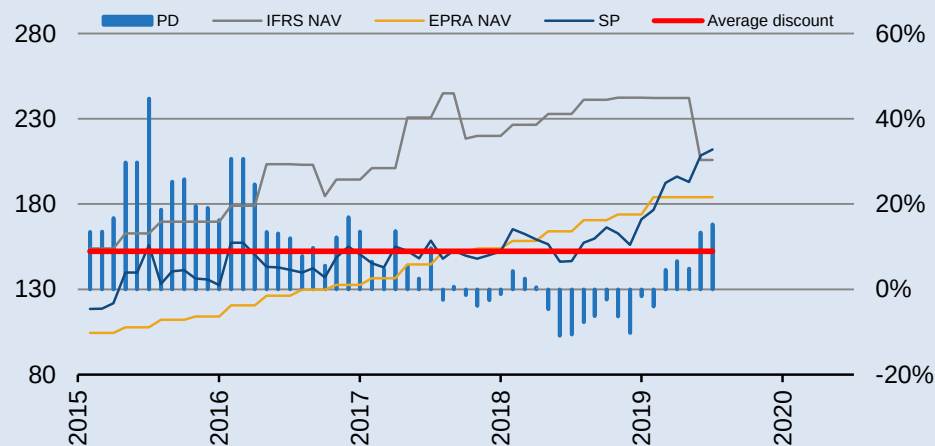
Dios Fastigheter



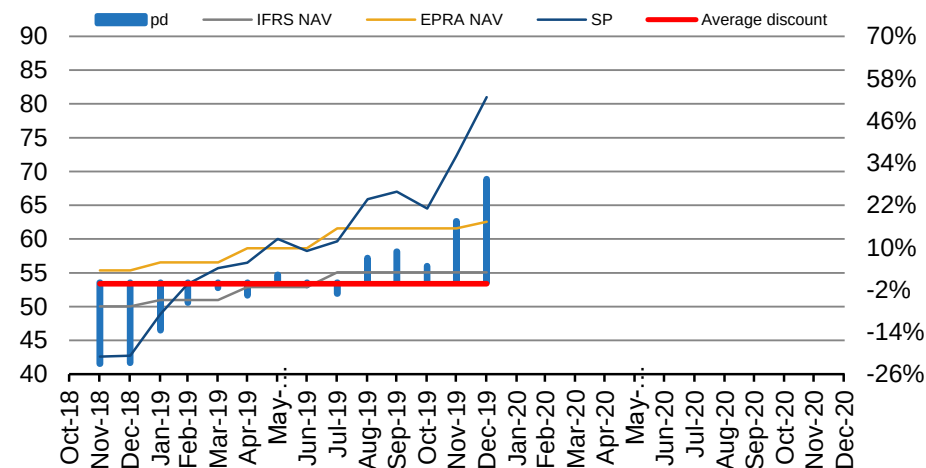
Samhällsbyggnadsbolaget (SBB)



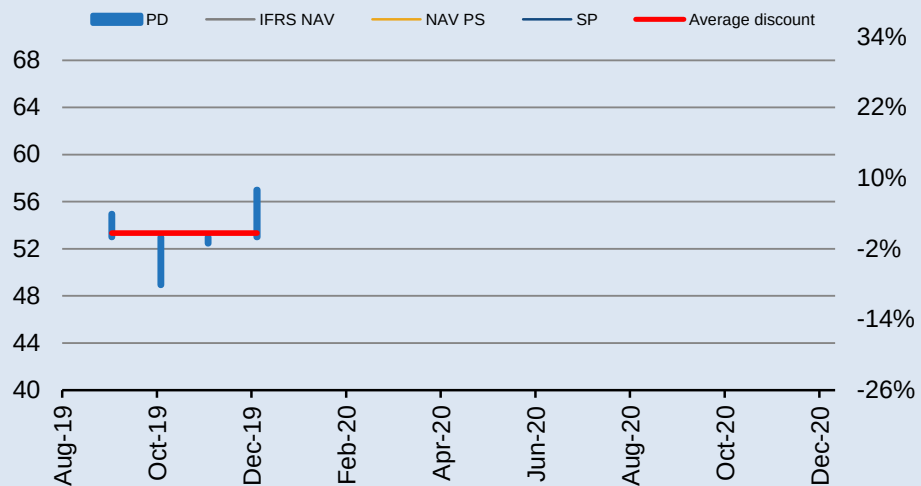
Pandox AB



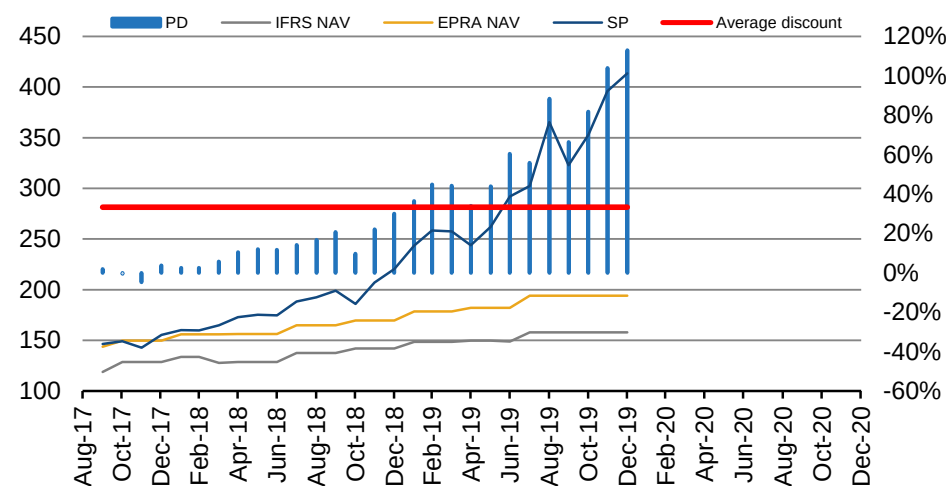
Nyfosa



Atrium Ljungberg AB



Catena



FTSE EPRA Nareit Belgium Index

As of: **June 30th , 2020**

Premium / Discount: **26.2%**
Last month: **22.0%**

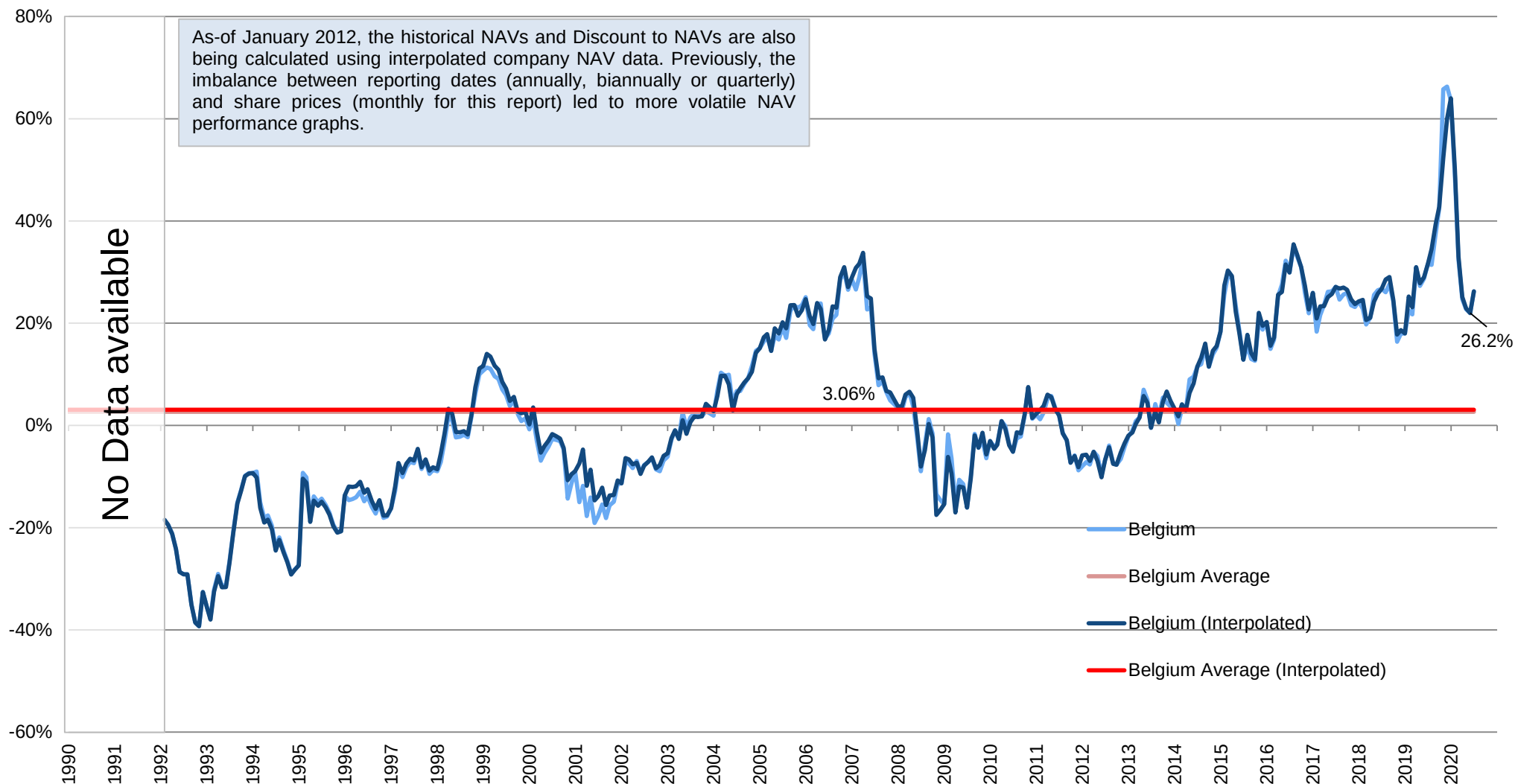
Total NAV (million EUR): **12,705**
Total MC (million EUR): **16,038**

Number of constituents: **11**
Trading at Premium: **7** **84%** of market cap
Trading at Discount: **4** **16%** of market cap

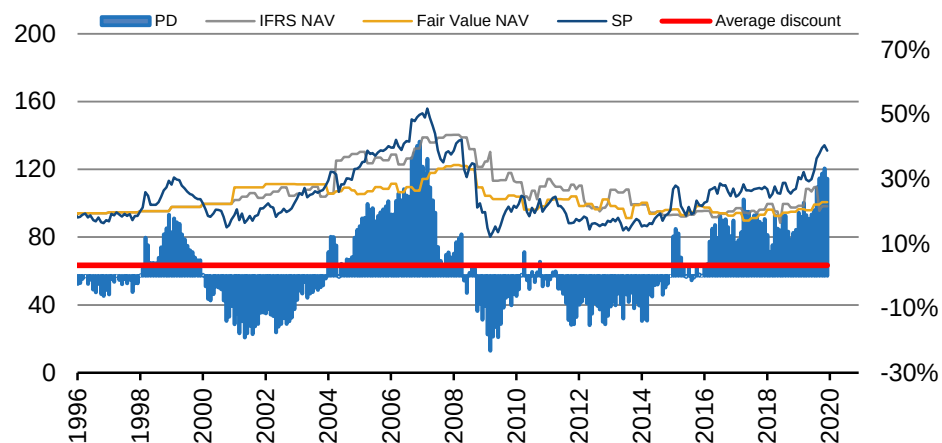
Average since 1989:
10 year average: **15.4%**
5 year average: **27.1%**
3 year average: **29.6%**
2 year average: **32.4%**
1 year average: **40.3%**

Price Index Monthly change: **2.7%**

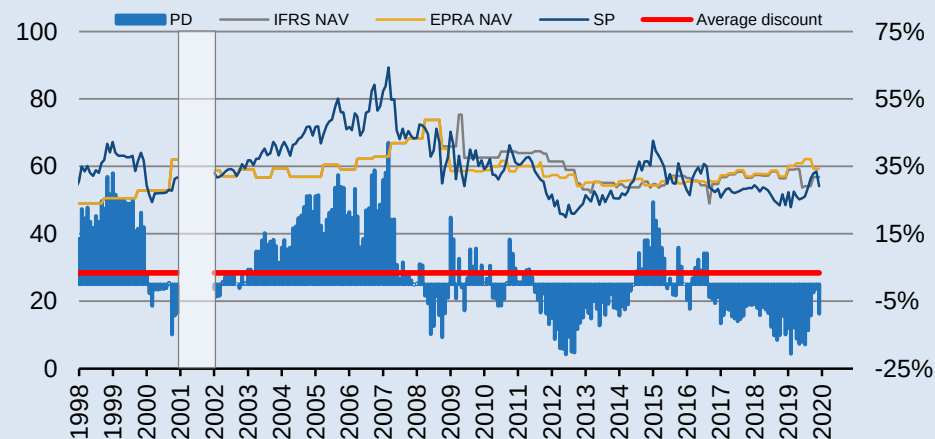
FTSE EPRA Nareit Belgium Index Discount to Published NAV



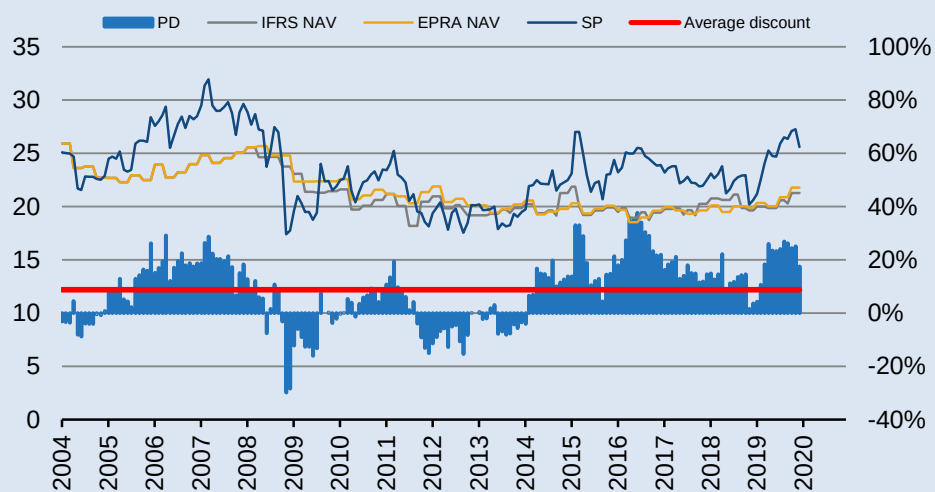
Cofinimmo



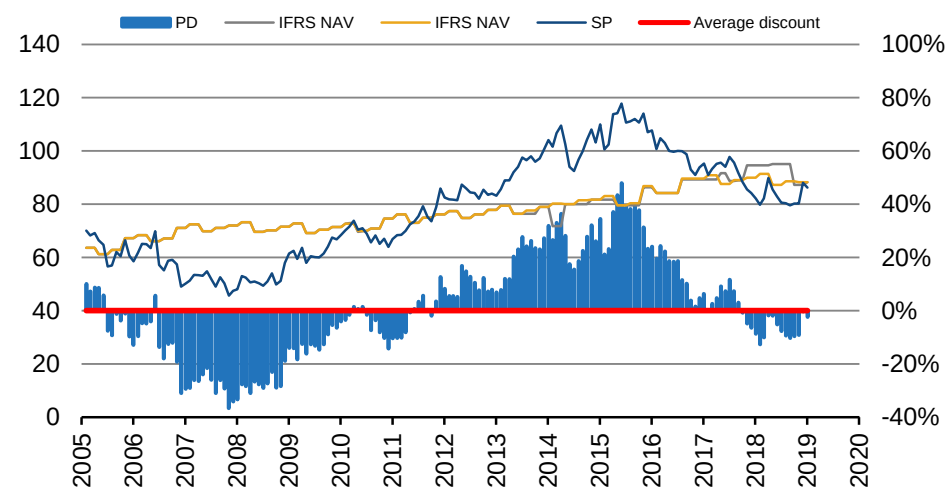
Befimmo



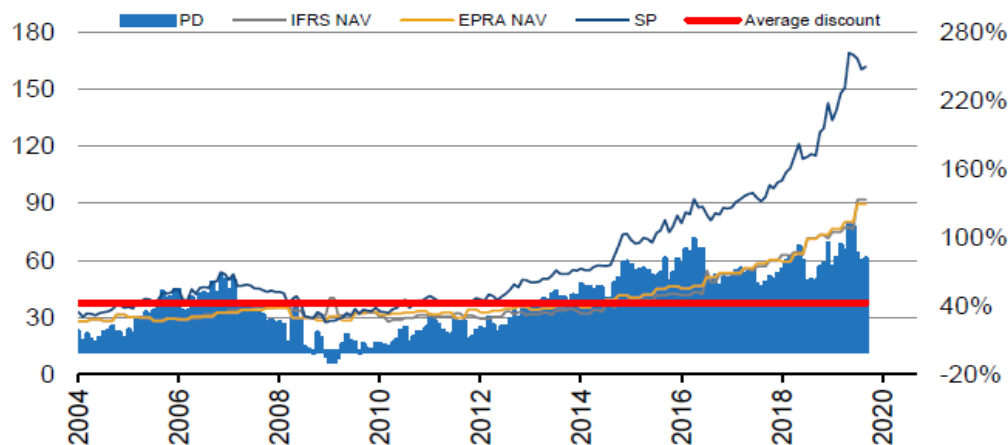
Intervest Offices



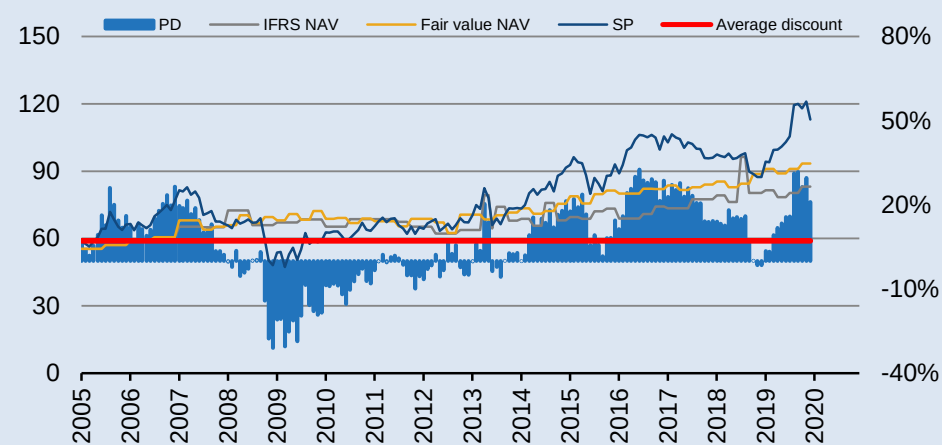
Wereldhave Belgium



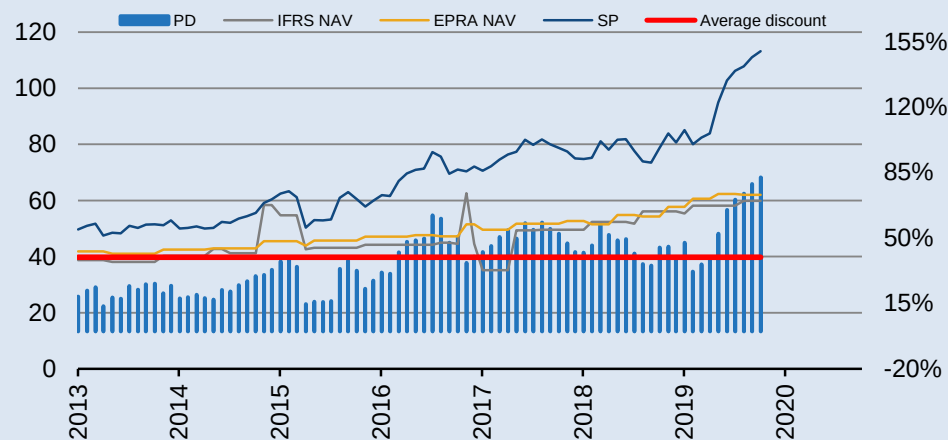
WDP



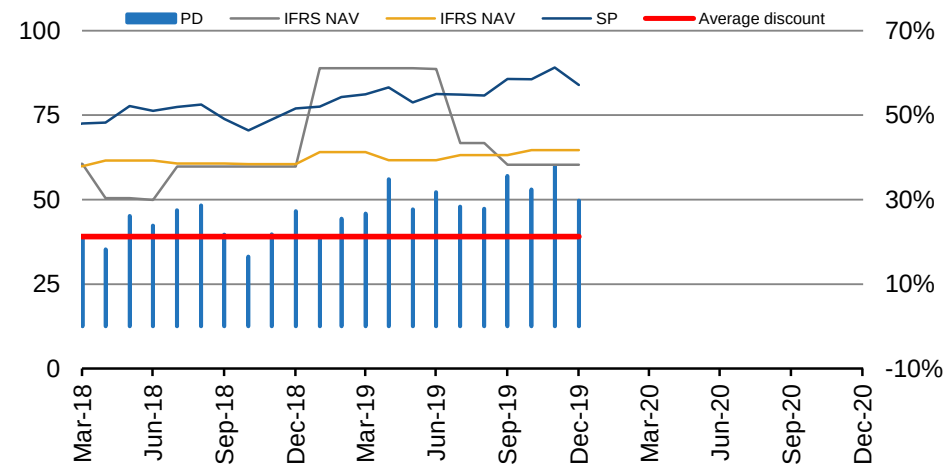
Leasinvest



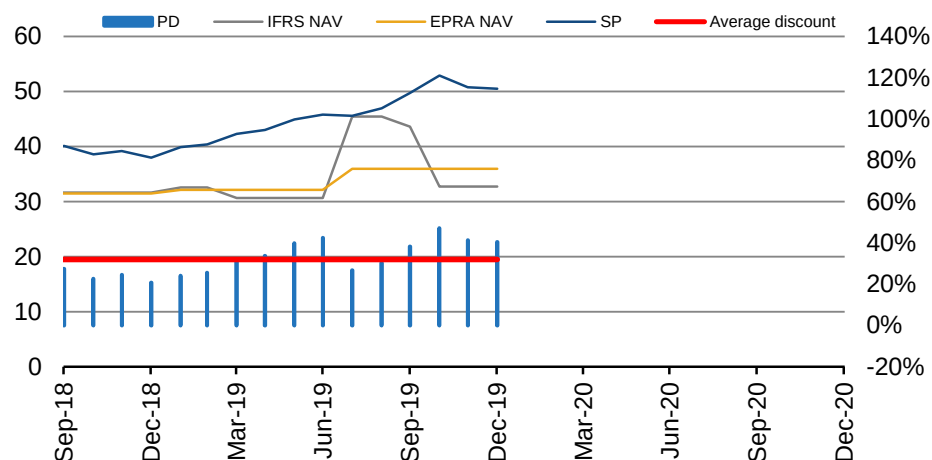
Aedifica



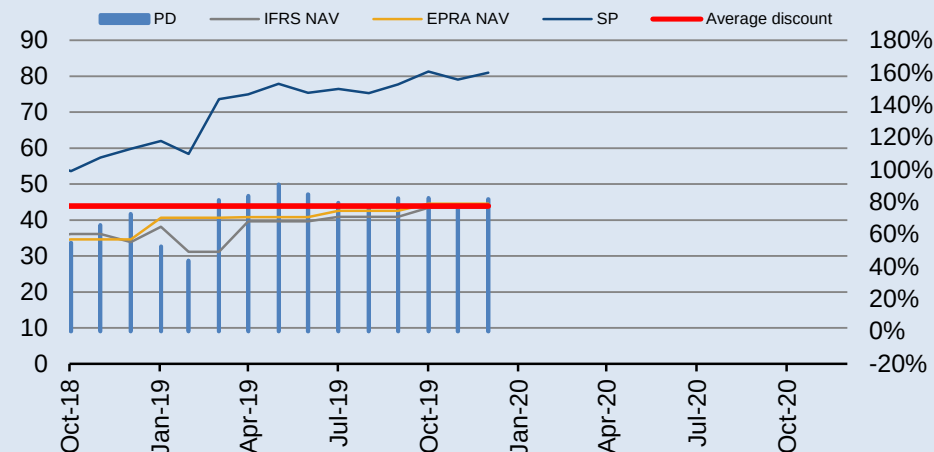
Retail Estates



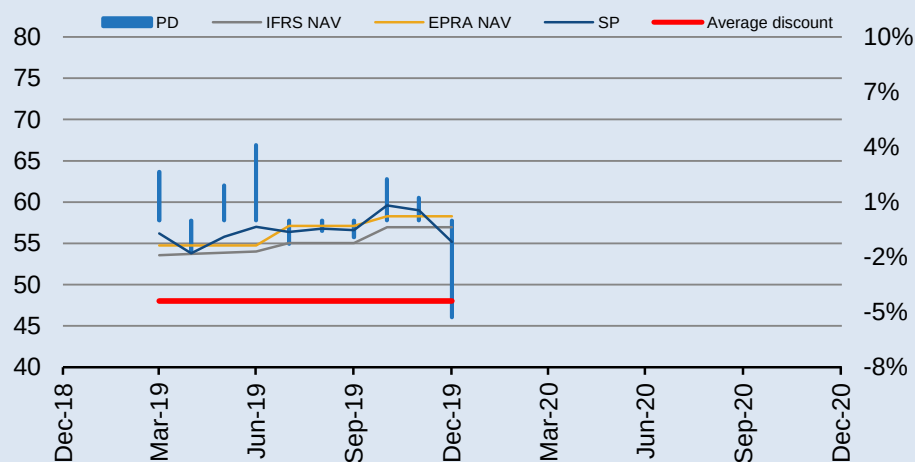
Xior Student Housing



Montea



Ascencio REIT



FTSE EPRA Nareit Switzerland Index

As of: **June 30th , 2020**

Premium / Discount: **7.5%**
Last month: **6.7%**

Total NAV (million EUR): **15,865**
Total MC (million EUR): **17,047**

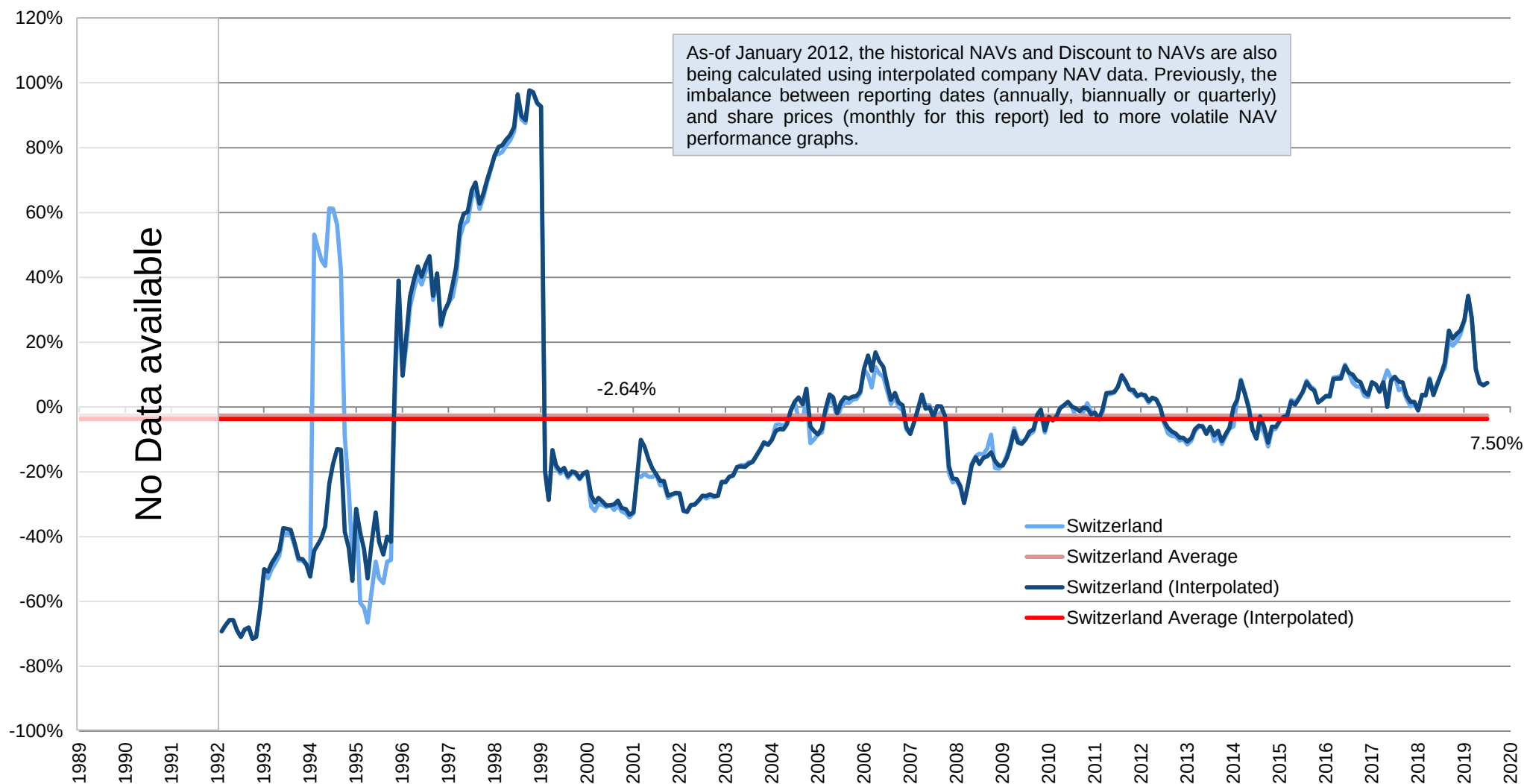
Number of constituents: **6**
Trading at Premium: **5** **96%** of market cap
Trading at Discount: **1** **4%** of market cap

Average since 1989:
10 year average: **2.0%**
5 year average: **6.6%**
3 year average: **9.7%**
2 year average: **11.1%**
1 year average: **17.9%**

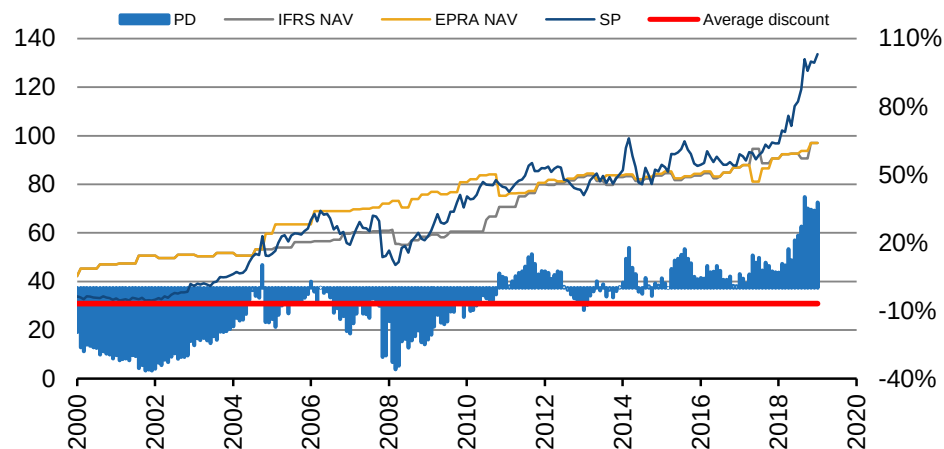
Price Index Monthly change: **-1.0%**

NAV per share is used instead of EPRA NAV per share in case of PSP Swiss Property due to more frequent reporting of the former.

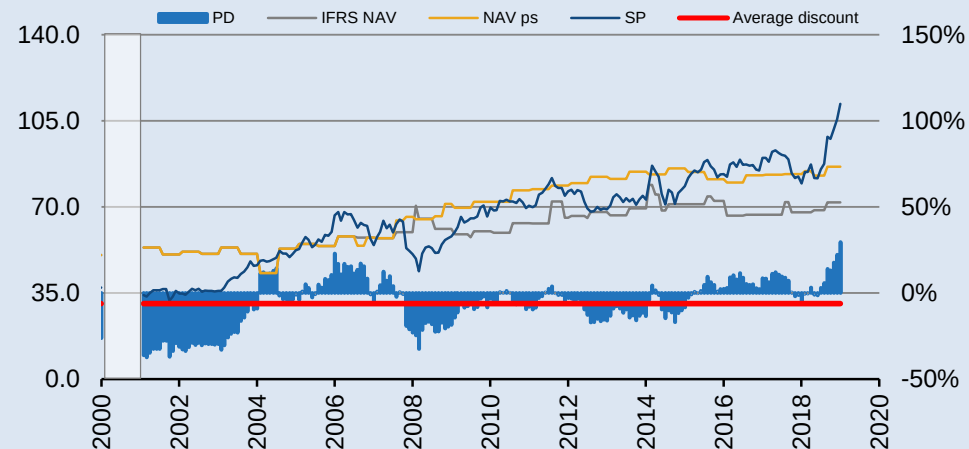
FTSE EPRA Nareit Switzerland Index Discount to Published NAV



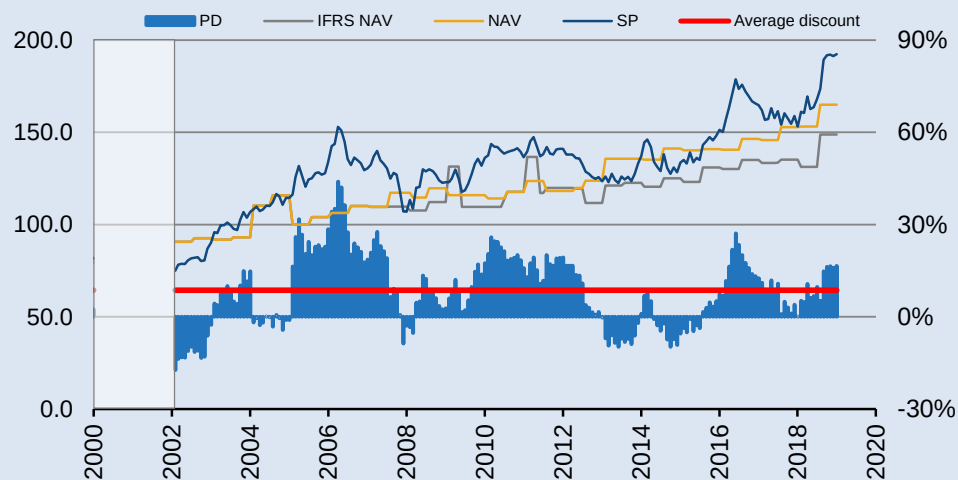
PSP Swiss Property



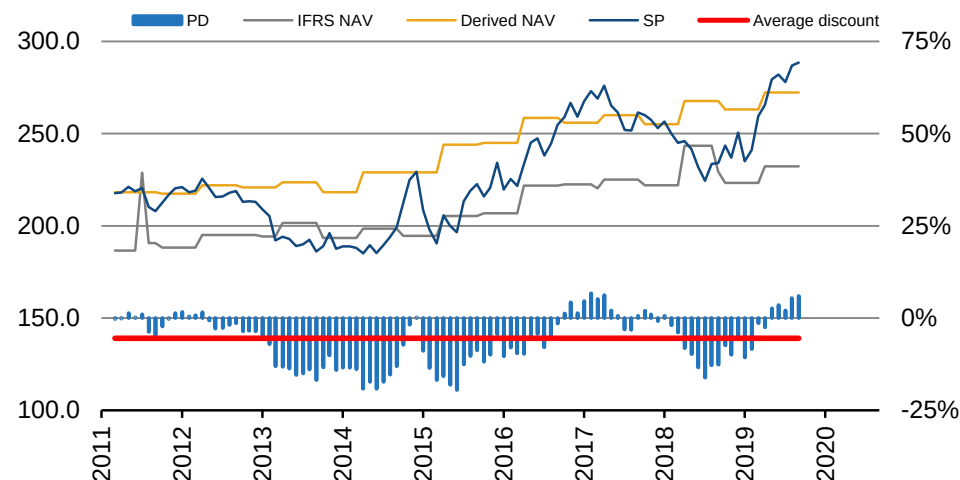
Swiss Prime Site



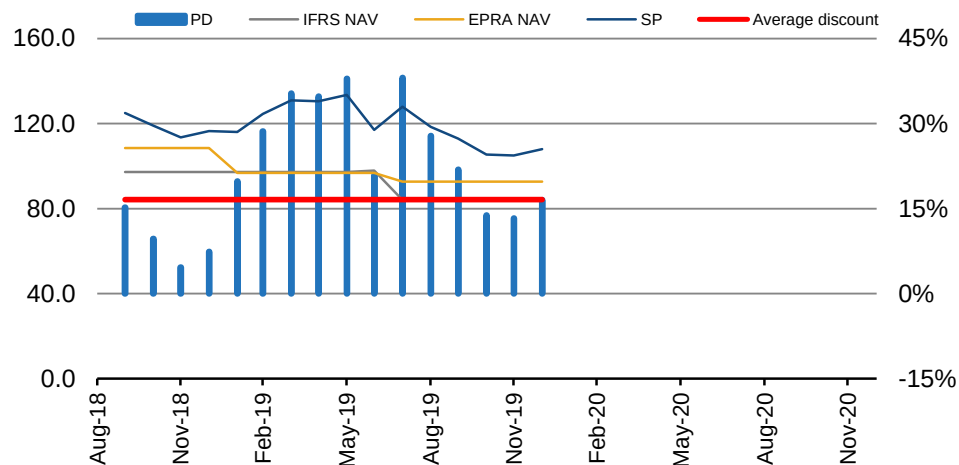
Allreal Holding



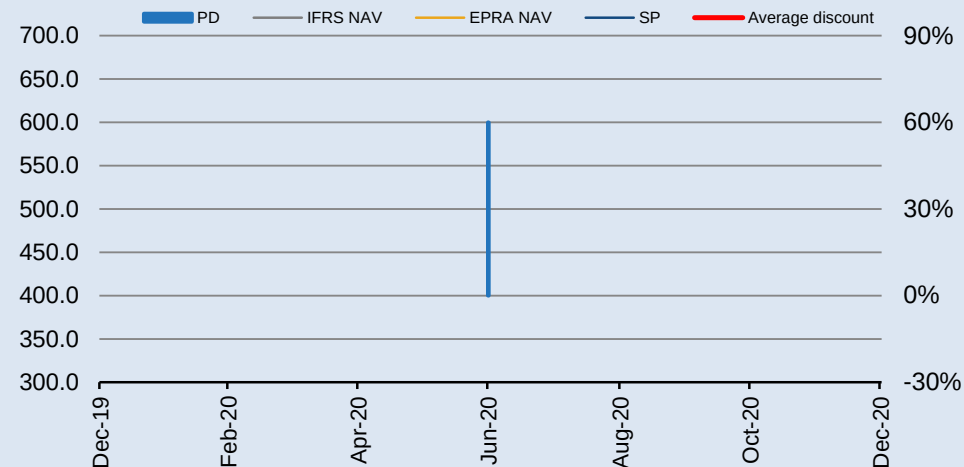
Mobimo Holding



HIAG Immobilien



Intershop Holdings



FTSE EPRA Nareit Austria Index

As of: **June 30th , 2020**

Premium / Discount: **-23.6%**
Last month: **-22.0%**

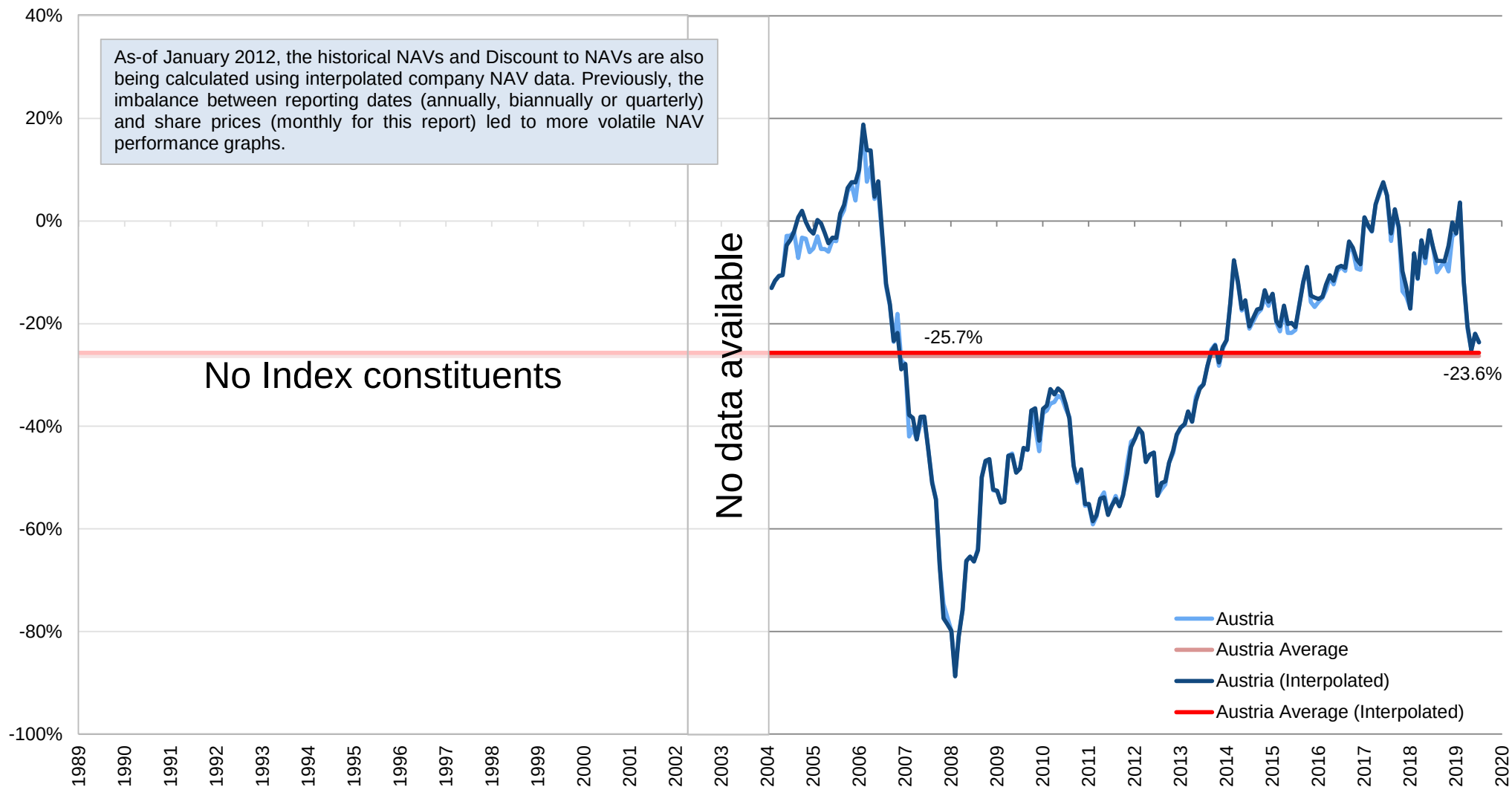
Total NAV (million EUR): **3,612**
Total MC (million EUR): **2,758**

Number of constituents: **1**
Trading at Premium: **0** **0%** of market cap
Trading at Discount: **1** **100%** of market cap

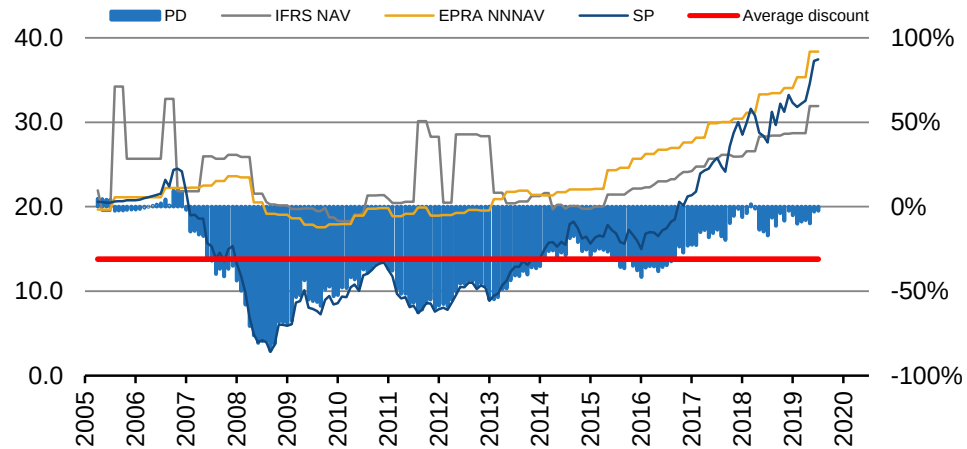
Average since 1989:
10 year average: **-25.2%**
5 year average: **-10.5%**
3 year average: **-6.9%**
2 year average: **-9.5%**
1 year average: **-11.8%**

Price Index Monthly change: **-2.1%**

FTSE EPRA Nareit Austria Index Discount to Published NAV



CA Immo



FTSE EPRA Nareit Finland Index

As of: **June 30th , 2020**

Premium / Discount: **-1.2%**
Last month: **-3.6%**

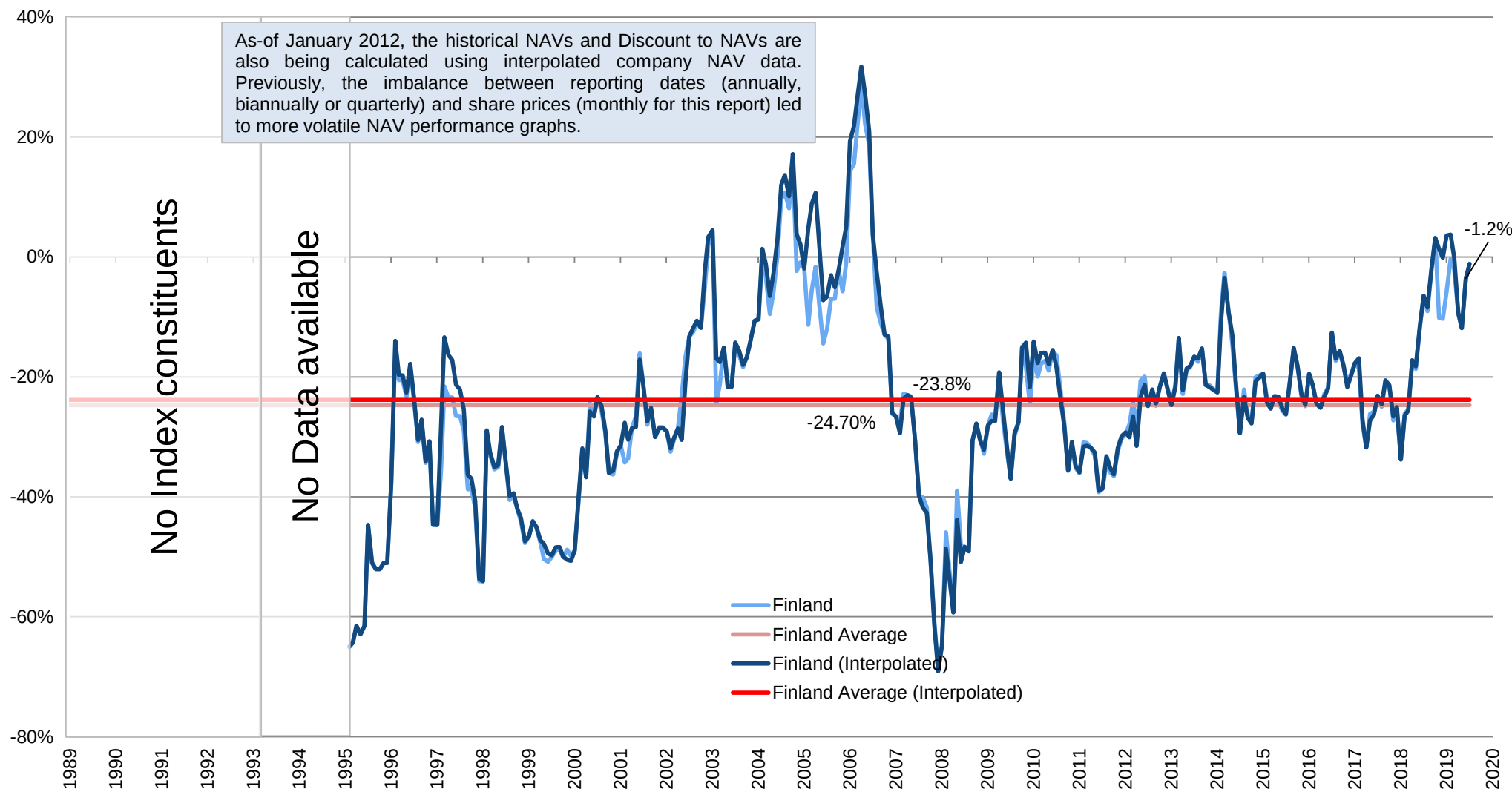
Total NAV (million EUR): **5,816**
Total MC (million EUR): **5,748**

Number of constituents: **2**
Trading at Premium: **1** **81%** of market cap
Trading at Discount: **1** **19%** of market cap

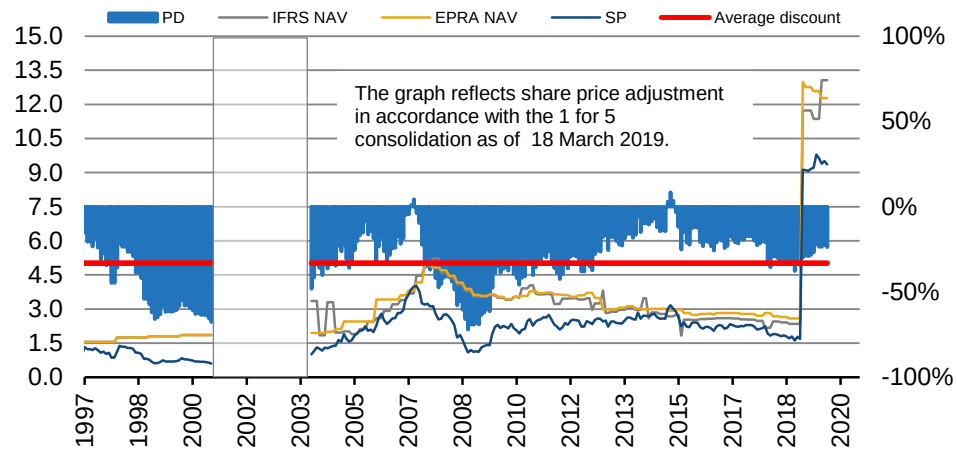
Average since 1989:
10 year average: **-21.2%**
5 year average: **-18.6%**
3 year average: **-16.2%**
2 year average: **-13.4%**
1 year average: **-5.2%**

Price Index Monthly change: **2.8%**

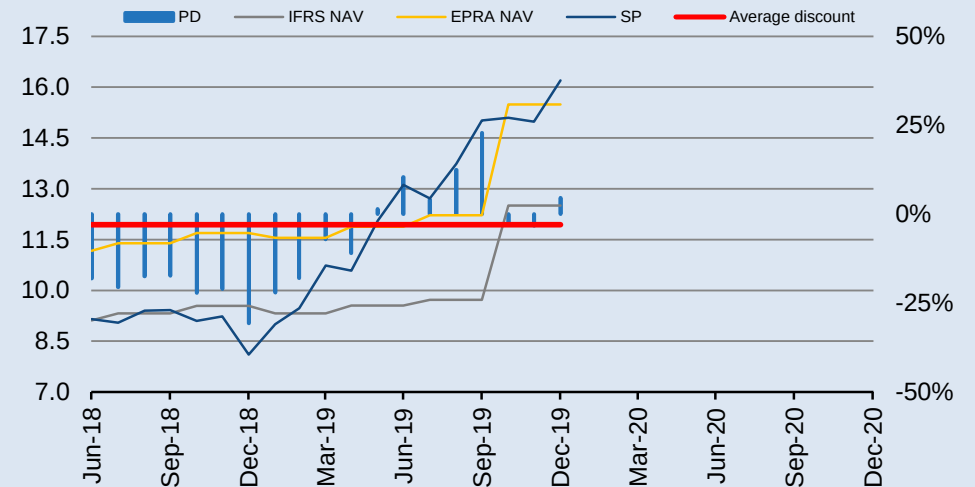
FTSE EPRA Nareit Finland Index Discount to Published NAV



Citycon



Kojamo



FTSE EPRA Nareit Norway Index

As of: **June 30th , 2020**

Premium / Discount: **-19.7%**
Last month: **-14.0%**

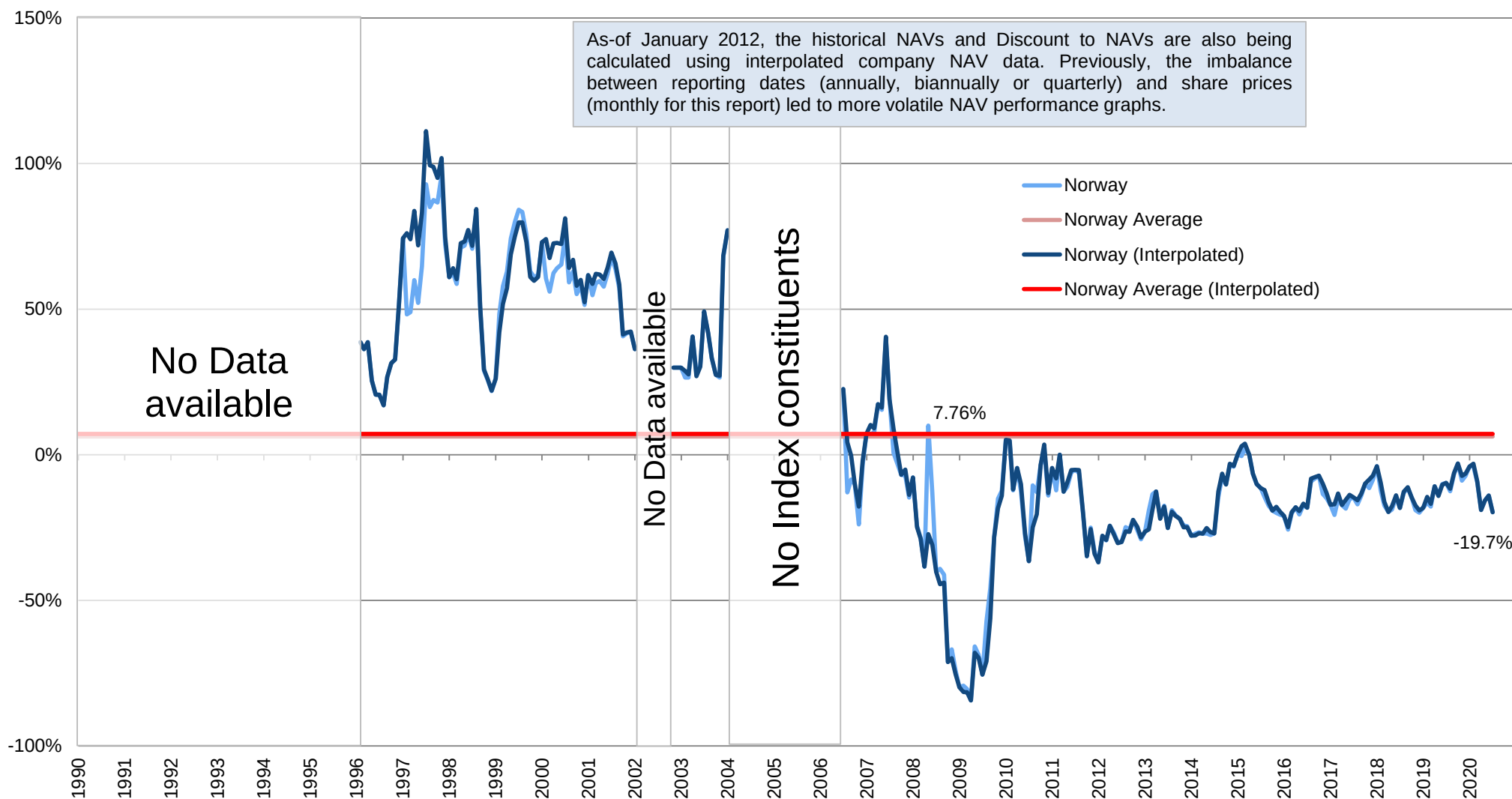
Total NAV (million EUR): **2,572**
Total MC (million EUR): **2,064**

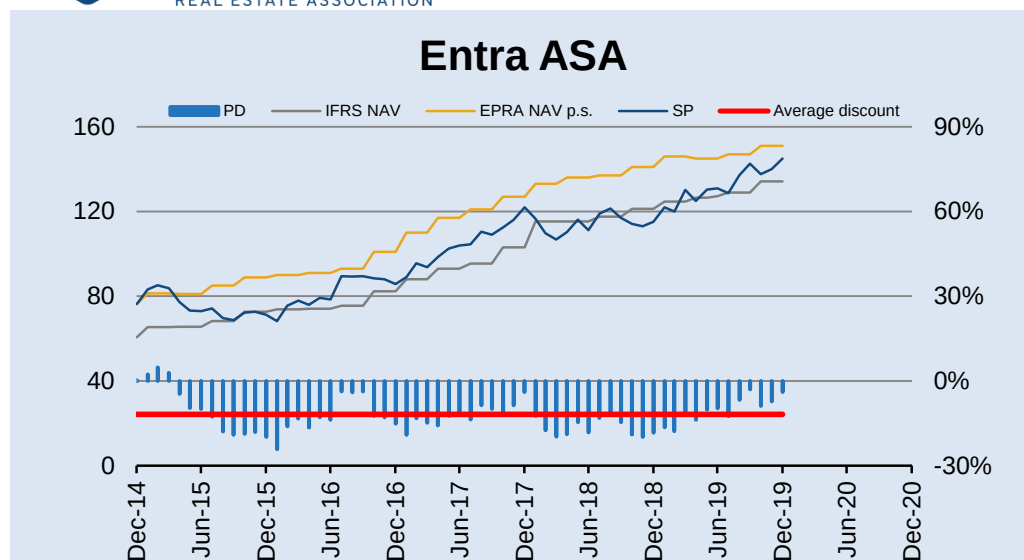
Number of constituents: **1**
Trading at Premium: **0** **0%** of market cap
Trading at Discount: **1** **100%** of market cap

Average since 1989:
10 year average: **-16.1%**
5 year average: **-14.5%**
3 year average: **-12.9%**
2 year average: **-12.5%**
1 year average: **-10.3%**

Price Index Monthly change: **-6.9%**

FTSE EPRA Nareit Norway Index Discount to Published NAV





FTSE EPRA Nareit Italy Index

As of: **June 30th , 2020**

Premium / Discount: **-69.3%**
Last month: **-71.5%**

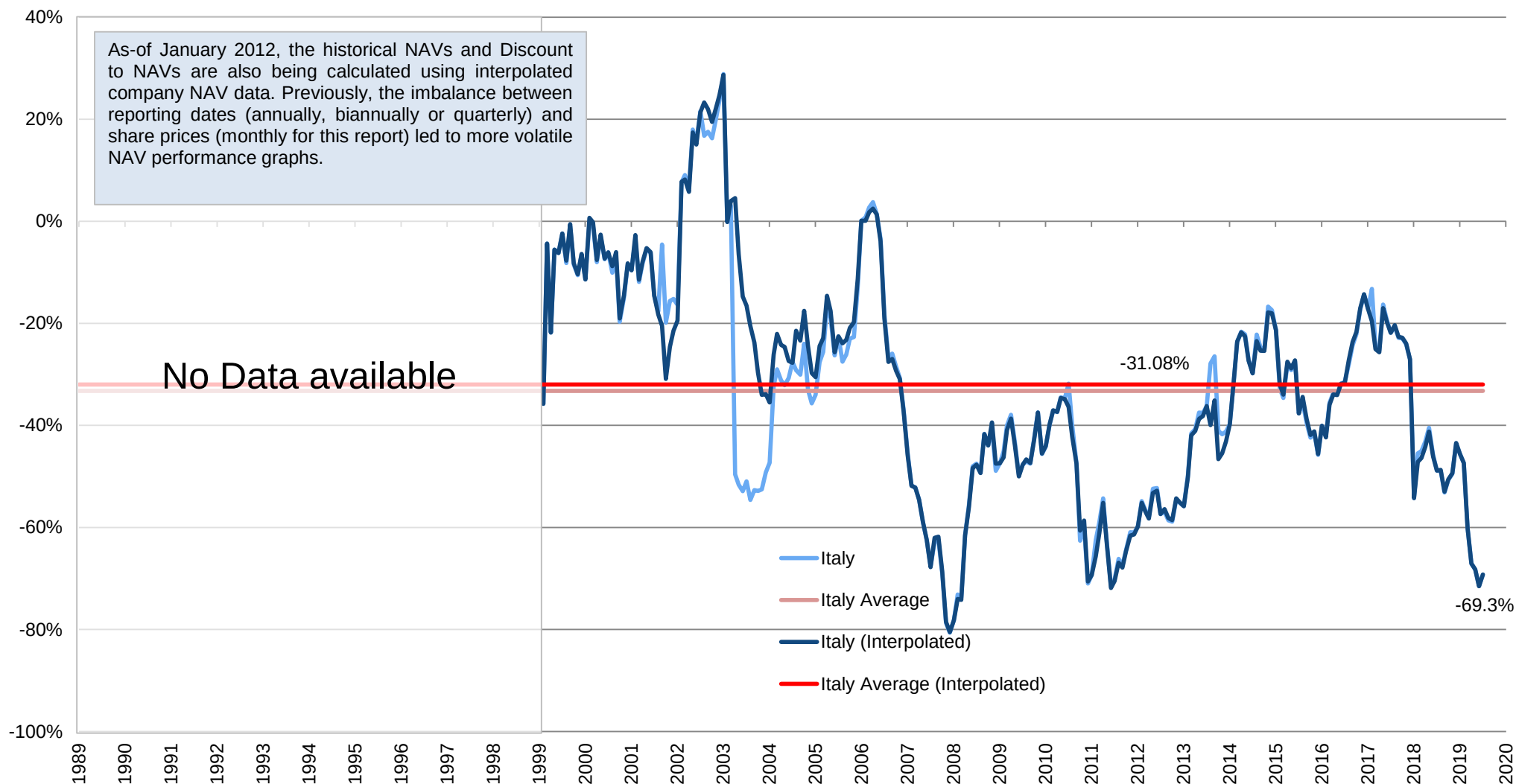
Total NAV (million EUR): **1,258**
Total MC (million EUR): **387**

Number of constituents: **1**
Trading at Premium: **0** **0%** of market cap
Trading at Discount: **1** **100%** of market cap

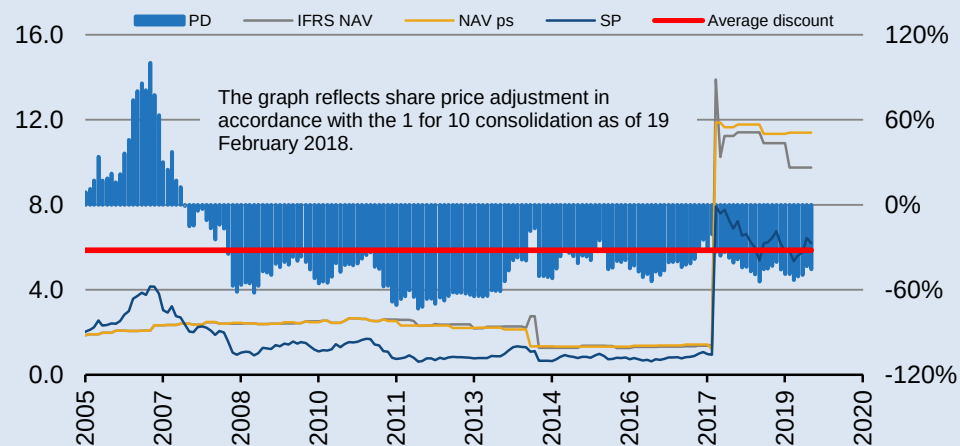
Average since 1989:
10 year average: **-41.7%**
5 year average: **-35.5%**
3 year average: **-37.8%**
2 year average: **-46.5%**
1 year average: **-56.3%**

Price Index Monthly change: **8.0%**

FTSE EPRA Nareit Italy Index Discount to Published NAV



Immobiliare Grande Distribuzione



FTSE EPRA Nareit Spain Index

As of: **June 30th , 2020**

Premium / Discount: **-44.8%**
Last month: **-43.3%**

Total NAV (million EUR): **14,150**
Total MC (million EUR): **7,817**

Number of constituents: **3**
Trading at Premium: **0** **0%** of market cap
Trading at Discount: **3** **100%** of market cap

Average since 1989:

10 year average: *Available as from February 2024*

5 year average: **-10.1%**

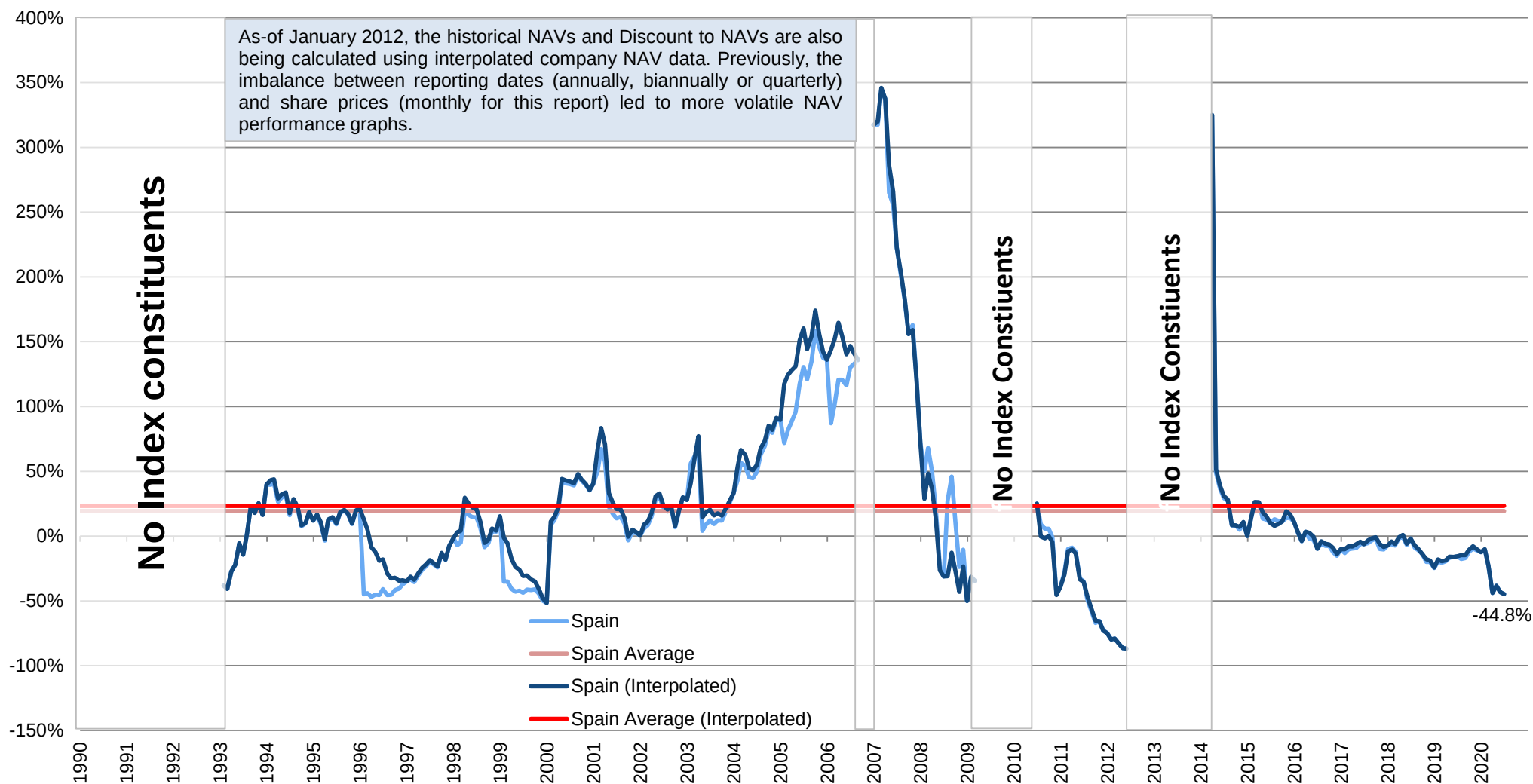
3 year average: **-15.4%**

2 year average: **-20.4%**

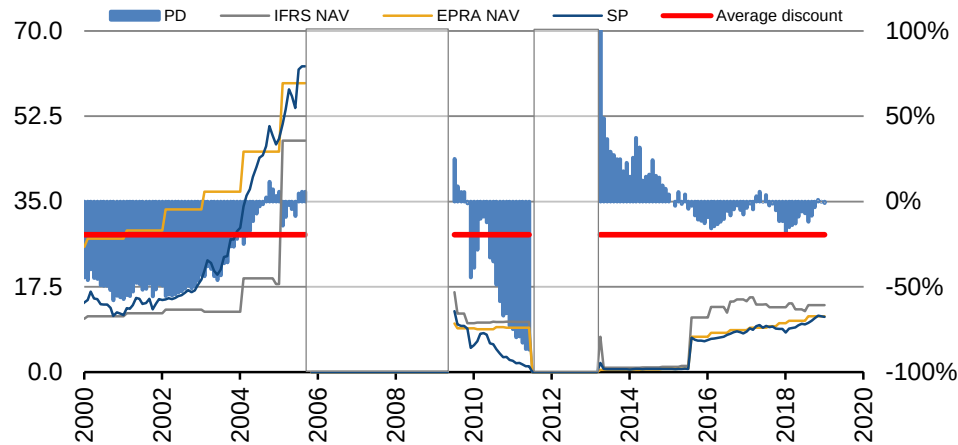
1 year average: **-23.6%**

Price Index Monthly change: **-2.5%**

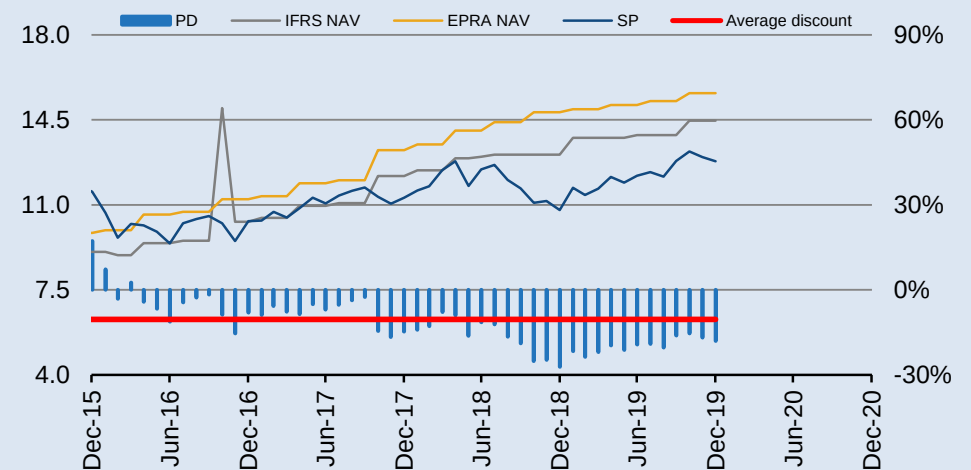
FTSE EPRA Nareit Spain Index Discount to Published NAV



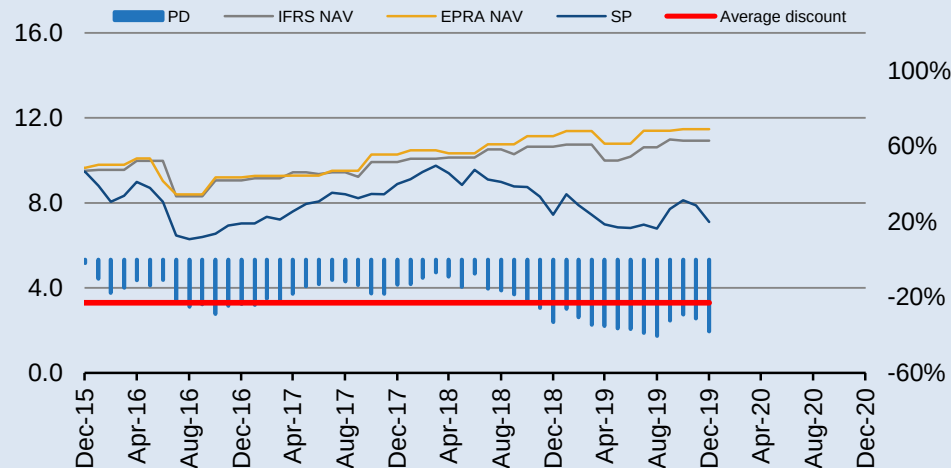
Inmobiliaria Colonial



Merlin Properties



Lar Espana Real Estate



FTSE EPRA Nareit Ireland Index

As of: **June 30th , 2020**

Premium / Discount: **-26.0%**
Last month: **-29.8%**

Total NAV (million EUR): **2,034**
Total MC (million EUR): **1,505**

Number of constituents: **2**
Trading at Premium: **0** **0%** of market cap
Trading at Discount: **2** **100%** of market cap

Average since 1989:

10 year average: *Available as from February 2025*

5 year average: *Available as from February 2020*

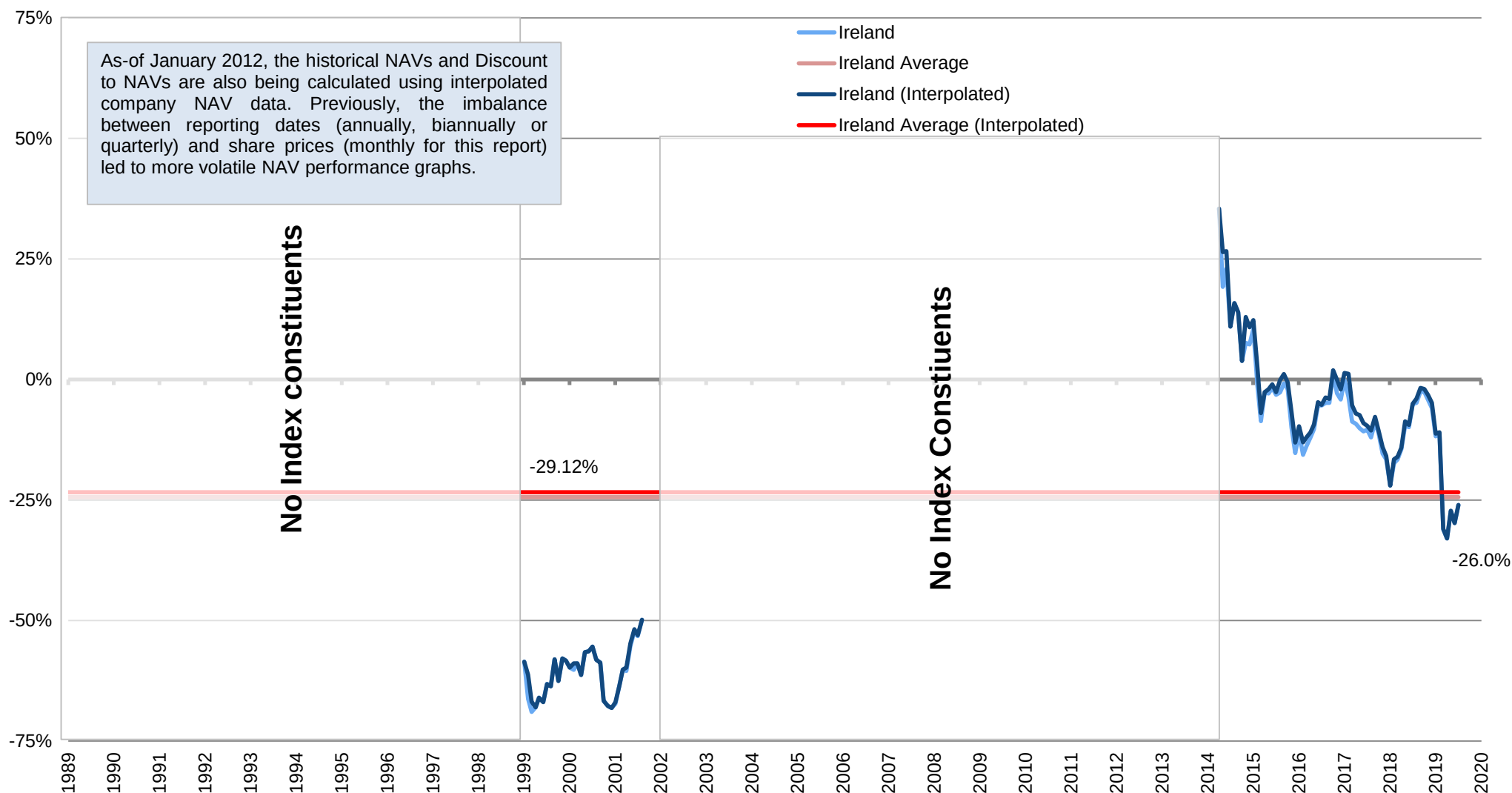
3 year average: **-11.6%**

2 year average: **-14.6%**

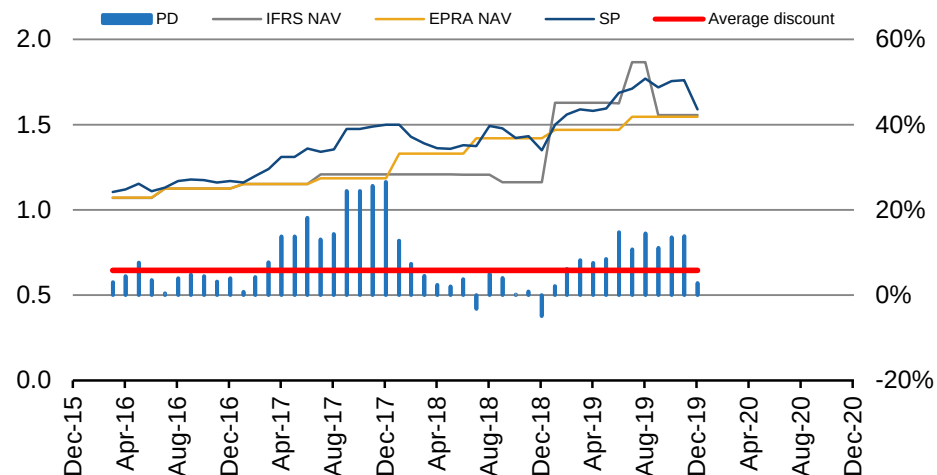
1 year average: **-15.9%**

Price Index Monthly change: **5.1%**

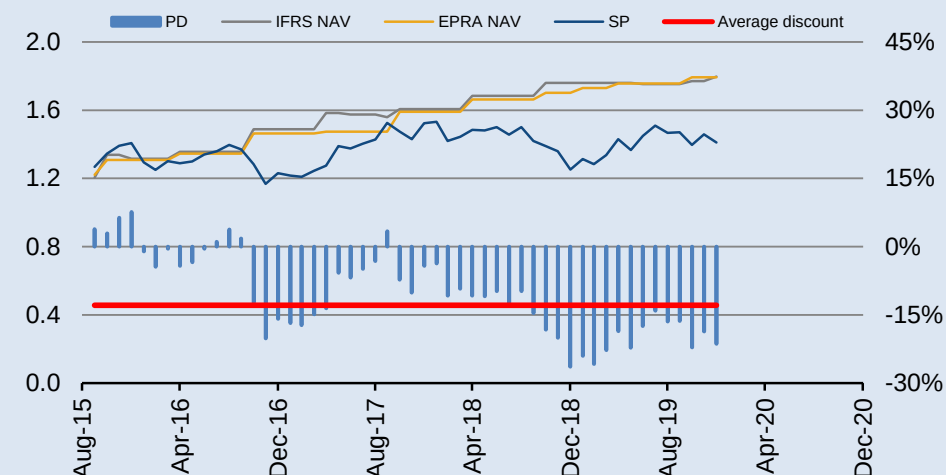
FTSE EPRA Nareit Ireland Index Discount to Published NAV



Irish Residential Properties REIT



Hibernia REIT



End-of-year Index Constituents and NAV availability

Index constituent, data available Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 YTD
BUWOG		Austria																															
CA Immo	73	Austria																															
Conwert Immobilien		Austria																															
Immoeast		Austria																															
Immofinanz		Austria																															
Sparkassen Immo Invest		Austria																															
Sparkassen Immobilien		Austria																															
Aedifica	65	Belgium																															
Befimmo	64	Belgium																															
Bern Comofi		Belgium																															
Cofinimmo	64	Belgium																															
Immobel		Belgium																															
Intervest Offices	64	Belgium																															
Leasinvest	65	Belgium																															
WDP	65	Belgium																															
Wereldhave Belgium	64	Belgium																															
ES Norden		Denmark																															
Keops		Denmark																															
Nordicom		Denmark																															
Sjaelso Gruppen		Denmark																															
TK Development		Denmark																															
Citycon	76	Finland																															
Sponda		Finland																															
Technopolis		Finland																															
Acanthe Développement		France																															
ANF Immobilien		France																															
Affine		France																															
Fidei		France																															

End-of-year Index Constituents and NAV availability
 Index constituent, data available
 Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
Covivio	46	France																																
Fonciere Lyonnaise		France																																
Gecina	46	France																																
Icade	46	France																																
Klépierre	46	France																																
Locafinanciere		France																																
Mercialys	47	France																																
Sefimeg		France																																
Silic		France																																
Simco		France																																
Société de la Tour Eiffel		France																																
Sogeparc		France																																
Sophia		France																																
Unibail-Rodamco		France																																
Union Immobiliere de France		France																																
Alstria Office REIT	54	Germany																																
Bau-Verein Zu Hamburg		Germany																																
CBB Holding		Germany																																
Colonia Real Estate		Germany																																
Vonovia		Germany																																
Deutsche Euroshop	54	Germany																																
Deutsche Wohnen	54	Germany																																
Deutsche Wohnen non ranking		Germany																																
DIC Asset		Germany																																
Gagfah		Germany																																
GSW Immobilien		Germany																																
Hamborner REIT	55	Germany																																
IVG Immobilien		Germany																																

End-of-year Index Constituents and NAV availability
 Index constituent, data available
 Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
LEG Immobilien	55	Germany																																
Patrizia Immobilien		Germany																																
DO Deutsche Office		Germany																																
RSE Grundbesitz U-Beteiligung		Germany																																
TAG Immobilien	55	Germany																																
TLG Immobilien	56	Germany																																
Vivacon		Germany																																
Adler Real Estate		Germany																																
Grand City Properties	55	Germany																																
Babis Vovos International		Greece																																
Grivalia Properties REIC		Greece																																
Lamda Development		Greece																																
Dunloe Ewart		Ireland																																
Green Property		Ireland																																
Green REIT		Ireland																																
Aedes		Italy																																
Beni Stabili		Italy																																
Gifim		Italy																																
Immobiliare Grande Distribuzione	81	Italy																																
Immobiliare Metanopoli		Italy																																
IPI		Italy																																
Jolly Hotels		Italy																																
Pirelli & Co. Real Estate		Italy																																
Premafin		Italy																																
Risanamento		Italy																																
Unione Immobiliare		Italy																																
AM N.V.		Netherlands																																
Corio		Netherlands																																

End-of-year Index Constituents and NAV availability
 Index constituent, data available
 Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
Eurocommercial Properties	50	Netherlands																																
Haslemere		Netherlands																																
NSI	50	Netherlands																																
ProLogis European Properties		Netherlands																																
Rodamco		Netherlands																																
Rodamco Europe		Netherlands																																
Rodamco Retail Nederland		Netherlands																																
Unibail - Rodamco - Westfield	50	Netherlands																																
Uni-Invest		Netherlands																																
Vastned Offices/Industrial		Netherlands																																
Vastned Retail	51	Netherlands																																
Wereldhave	50	Netherlands																																
Avantor		Norway																																
Choice Hotels		Norway																																
Norgani Hotels		Norway																																
Norwegian Property		Norway																																
Olav Thon		Norway																																
Steen & Strom		Norway																																
Entra ASA	79	Norway																																
Globe Trade Centre		Poland																																
Mundicenter		Portugal																																
Sonae Imobiliaria		Portugal																																
Inmobiliaria Colonial	85	Spain																																
Merlin Properties	85	Spain																																
Metrovacesa		Spain																																
Renta Corp Real Estate		Spain																																
Testa Inmuebles En Renta (Prima Inmobiliara)		Spain																																
Vallehermoso		Spain																																

End-of-year Index Constituents and NAV availability

Index constituent, data available Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
Asticus		Sweden																																
Bostads AB Drott		Sweden																																
Castellum	58	Sweden																																
Custos		Sweden																																
Diligentia		Sweden																																
Dios Anders		Sweden																																
Dios Fastigheter	60	Sweden																																
Fabege		Sweden																																
Fabege (ex Drott March 2004)		Sweden																																
Fabege	58	Sweden																																
Fastighets AB Balder	59	Sweden																																
Hemfosa		Sweden																																
Hufvudstaden A	58	Sweden																																
JM		Sweden																																
Klövern AB	59	Sweden																																
Kungsleden	58	Sweden																																
Lundbergs B		Sweden																																
Mandamus Fastigheter		Sweden																																
Nackebro		Sweden																																
Norrporten		Sweden																																
Pandox		Sweden																																
Piren		Sweden																																
Platzer		Sweden																																
Prifast		Sweden																																
Storheden Fastighets		Sweden																																
Tornet Fastighets		Sweden																																
Wallenstam	59	Sweden																																
Wihlborgs Fastigheter	59	Sweden																																

End-of-year Index Constituents and NAV availability

Index constituent, data available Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
Allreal Holdings	68	Switzerland																																
Intershop B		Switzerland																																
Jelmoli Real Estate		Switzerland																																
Maag B		Switzerland																																
Mobimo Holding	68	Switzerland																																
PSP Swiss Property	68	Switzerland																																
REG Real Estate Group		Switzerland																																
Swiss Prime Site	68	Switzerland																																
Züblin Immobilien Holding		Switzerland																																
Asda Property Holdings		UK																																
Ashtenne Holdings		UK																																
Assura Plc	40	UK																																
Benchmark Group		UK																																
Big Yellow Group	35	UK																																
BPT		UK																																
British Land Corp.	33	UK																																
Brixton		UK																																
Burford Holdings		UK																																
Canary Wharf Group		UK																																
Capital & Counties Properties	36	UK																																
Capital & Regional Property		UK																																
Capital Shopping Centers		UK																																
Chelsfield		UK																																
CLS Holdings		UK																																
Compco Holdings		UK																																
Daejan Holdings		UK																																
Delancey Estates		UK																																
Dencora		UK																																

End-of-year Index Constituents and NAV availability

Index constituent, data available Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
Derwent London Holdings	34	UK																																
U and I Group		UK																																
Eskmuir		UK																																
BMO Commercial property trust	35	UK																																
Freeport		UK																																
Frogmore Estates		UK																																
Grainger Trust	36	UK																																
Grantchester Holdings		UK																																
Great Portland Estates	34	UK																																
Hammerson	33	UK																																
INTU Properties		UK																																
Hansteen Holdings		UK																																
Helical Bar	34	UK																																
Picton Property	38	UK																																
Schroder Real Estate Inv Trust	37	UK																																
Invesco UK Property Income Trust		UK																																
BMO UK Real Estate Investments	39	UK																																
ISIS Property Trust		UK																																
James Smith Estates		UK																																
Jermyn Investment Properties		UK																																
Landsec	33	UK																																
London Merchant Securities		UK																																
London Merchant Securities Dfd		UK																																
LondonMetric Property	37	UK																																
Mapeley		UK																																
Marylebone Warwick Balfour Group		UK																																
McKay Securities		UK																																
Medicx Fund		UK																																

End-of-year Index Constituents and NAV availability

1 Index constituent, data available

2 Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
MEPC		UK																																
Minerva		UK																																
Moorfield Group		UK																																
Mucklow (A.& J.) Group		UK																																
NHP		UK																																
Pillar Property		UK																																
Plaza Centers NV		UK																																
Primary Health Properties	37	UK																																
Quintain Estates & Development		UK																																
Raglan Properties		UK																																
RDI REIT	38	UK																																
Safestore	39	UK																																
Saville Gordon Estates		UK																																
Scottish Met		UK																																
Shaftesbury	34	UK																																
SEGRO	36	UK																																
St.Modwen Properties		UK																																
Standard Life Inv Prop Inc Trust	39	UK																																
Advantage Property Income Trust		UK																																
Tops Estates		UK																																
Town Centre Securities		UK																																
UK Balanced Property Trust		UK																																
UK Commercial Property REIT	35	UK																																
Unite Group	37	UK																																
Warner Estate Holdings		UK																																
Wates City of London		UK																																
Westbury Property Fund		UK																																
Workspace Group	35	UK																																
Tritax Big Box REIT	38	UK																																

End-of-year Index Constituents and NAV availability
 Index constituent, data available
 Index constituent, no data available

Company	Page	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD
Lar Espana Real Estate	85	Spain																																
Hispania Activos Inmobiliarios		Spain																																
Target Healthcare REIT	38	UK																																
Pandox AB	60	Sweden																																
Ado Properties SA	53	Germany																																
Hibernia REIT	89	Ireland																																
Irish Residential Properties	89	Ireland																																
Hembla		Sweden																																
Axiare Patrimonio		Spain																																
Kennedy Wilson Europe		UK																																
Empiric Student Property	40	UK																																
Regional REIT	39	UK																																
WCM Beteiligungs		Germany																																
Capital & Regional		UK																																
NewRiver REIT	41	UK																																
Retail Estates	65	Belgium																																
Custodian REIT	39	UK																																
GCP Student Living	40	UK																																
Phoenix Spree Deutschland	41	UK																																
Carmila	47	France																																
Xior Student Housing	66	Belgium																																
Catena	60	Sweden																																
Sirius Real Estate	42	UK																																
Aroundtown	54	Germany																																
LXi REIT	42	UK																																
Triple Point Social Housing	33	UK																																
Victoria Park AB		Sweden																																
Kojamo	76	Finland																																
Civitas Social Housing	39	UK																																

[illegible]

METHODOLOGY

Discounts have been calculated as: $(\text{Share price} / \text{NAV per share}) - 1$

NAV per share is the EPRA NAV per share as taken from company reports. NO adjustments have been made.

When not available, the NAV per share has been calculated as: $\text{Total Assets} - \text{Total Liabilities} / \text{number of shares outstanding}$.

Discounts have been calculated for EPRA Index constituent for their respective inclusion times. Minus constituents of which no data was available.

Reasons for non-availability are: Property values stated at historical costs and not market or fair value, or historic data could not be found.

At the back of this document a complete list of contributing companies can be found

New NAV data will replace old NAV data for the months following the previous latest published NAV data.

Share prices are month-end closing prices.

Aggregates have been calculated on a NAV-based weighting.

As-of January 2012, the historical NAVs and Discount to NAVs are also being calculated using interpolated company NAV data. Previously, the imbalance between reporting dates (annually, biannually or quarterly) and share prices (monthly for this report) led to more volatile NAV performance graphs.

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