

Average Premium and Discount U.S. Closed End Funds

12/31/2003 12/31/2004 12/31/2005 12/31/2006 12/31/2007 12/31/2008 12/31/2009 12/31/2010 12/31/2011 12/31/2012 12/31/2013 12/31/2014 12/31/2015 12/31/2016 12/31/2017 12/31/2018 12/31/2019 12/31/2020 9/16/2022 9/23/2022

Asset Class	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc	Prem/Disc
Developed Market Funds	EQ	-5.8	-6.4	-4.4	-0.6	-7.1	-13.9	-10.8	-8.8	-11.4	-9.3	-8	-11.7	-11.1	-12.2	-9.1	-13.4	-12.3	-14.4	-13.1	-12.8	
Diversified Equity Funds	EQ	-2.5	-1.5	-4.9	2.9	-6.7	-17.6	-10.8	-11.7	-12.3	-12.2	-9.6	-11.1	-12.1	-12.6	-8.7	-12.1	-9.4	-9	-3.7	-4.2	
Emerging Markets Funds	EQ	3	-1.8	-4.3	6.6	-10.1	-8.2	-8	-6.9	-9.9	-7.6	-8.9	-8.1	-11.5	-12.8	-11.3	-13.9	-11.2	-12.7	-11	-10.8	
Energy MLP Funds	EQ	N/A	2	-0.4	8.3	-4.4	14.3	21.5	9.3	3.1	5.7	-0.1	-3.5	-5.7	-6.7	-1.6	-8.8	-8.1	-21.8	-12.8	-16.5	-15.9
Global Funds	EQ	-9.8	-8.6	-3.7	-2.4	-8.2	-17.1	-5.7	-9	-11.4	-10.6	-10.9	-9.3	-13.4	-10.5	-4.9	-11.6	-6.7	-10.7	-2.7	-5.4	
Natural Resources Funds	EQ	-1.3	-2	-7.1	-5.9	-9.2	-9.7	-2.4	-3.2	-8.9	-5.5	-10.3	-10.8	-12.3	-10	-5.6	-12.3	-8.1	-17.3	-13.9	-12.9	
Options Arbitrage/Opt Strat Fds	EQ	N/A	-1.6	-7.9	2.6	-9.8	-12.4	2.8	-1.9	-8.8	-7.9	-6.9	-5.8	-4.1	-6	-1.4	-6.1	-2	-5.5	-0.2	-2.4	
Real Estate Funds	EQ	0	-8.1	-8	0	-9.5	-23.7	-13.4	-4.2	-8.7	-4.3	-9.2	-9.6	-12.4	-11.5	-7.1	-12.7	-4.6	-8.4	-4.4	-8.2	
Sector Equity Funds	EQ	-7.8	-6	-6.1	-4.4	-9	-11.2	-9.7	-6.1	-13	-7.8	-5.5	-5.6	-12.5	-11.3	-9.5	-12	-8.7	-10.6	-8.3	-10.1	
Utility Funds	EQ	32.6	1.8	-3.6	-1.3	-0.2	-11.8	6.9	-1.6	2.5	-2.9	-7	-5.2	-8.6	-6.7	-0.3	-2.1	4.2	5.8	9.2	6	
Corporate BBB-Rated Debt Funds(Leveraged)	FI	-0.6	-4.8	-9.3	-3.9	-11.3	-4	-2.4	-4.1	-2.8	-4.2	-9	-10	-9.9	-7.8	-7.1	-10.5	-4.8	-5.1	-8.5	-10	
Corporate Debt Funds BBB-Rated	FI	-8.3	-9.6	-11.3	-8.1	-11	-2	-2.8	-6.2	0.5	-0.1	-8.2	-7.6	-5.3	-4	-1.1	-7.2	-0.5	-1.3	-6.3	-6.5	
Emerging Mrkts Hard Currency Debt Funds	FI	0.6	-3.9	-7	-8.6	-11.3	-18.4	-9.5	-4.4	-5.8	-1.9	-8.4	-11.4	-14.6	-8.6	-6	-8.9	4.3	-5.5	-6.6	-8.6	
General Bond Funds	FI	-0.7	0.5	-3.4	2.3	-7.9	-5.2	4.5	3.5	9.8	3.6	-2.1	-3.1	-5.1	-1.9	-1.4	-3.4	3.6	0.2	-2.4	-5	
Global Income Funds	FI	5.2	2.1	-6.8	-0.1	-9	-9	1.9	-2.7	3.8	0.5	-7.5	-8.6	-9.6	-5.9	-3.6	-6.3	-0.4	-3.8	-2.5	-5	
High Yield Funds	FI	1.5	1.8	-8.9	-0.1	-11.1	-13.1	1.4	-2	-0.3	-0.9	-5.6	-4.6	-8.5	-8.8	-6.8	-10.3	-0.4	-2.9	-4.5	-6.4	
High Yield Funds (Leveraged)	FI	2.9	-1	-7.2	-2.3	-10.9	-12.9	-2.1	-1.1	5	1.1	-4.5	-5.8	-10.6	-7.8	-6.8	-12.4	-5.6	-6.8	-5.1	-7.8	
Loan Participation Funds	FI	5.2	-0.1	-10	-1.1	-10.1	-5.6	-3.2	-0.5	-5.2	1.2	-5	-9	-8.6	-3.8	-5.1	-11.9	-4.3	-9.9	-10.6	-11.7	
U.S. Mortgage Funds	FI	0.5	-1.4	-11.8	-7.3	-9.7	-5.7	-4.7	-3	-2	-0.6	-9.5	-9.3	-6.8	-2.3	-0.3	-5.6	-4	-7	-7.8	-9.8	
California Municipal Debt Funds	M	-5.3	-7	-2.6	3	-4.8	-12.8	-3.6	0.8	2.6	1.3	-3.8	-2.2	0.7	-0.7	-2.1	-9.9	0.2	-3	-3.2	-4.1	
General & Insured Muni Debt Funds (Lever)	M	-4.4	-6.2	-3.2	-1.2	-7.3	-11.2	-1.9	0.3	2.7	0.9	-6.1	-6.9	-4.7	-3.6	-4.5	-10.9	-3.4	-3.6	-5.7	-7.2	
General & Insured Muni Fds (Unleveraged)	M	-8	-9.3	-5.2	-2.4	-4.7	3.1	2.2	-0.6	3.9	-0.1	-5.5	0	-0.3	-3.3	-1.7	-7.4	-1.1	0.4	-6.7	-7	
High Yield Municipal Debt Funds	M	-2.3	-4.3	-1.8	1.5	-7.6	-9.1	1.7	0.5	5.3	1.6	-3.8	-3	-2.9	-4.2	-3.2	-9.8	-2.3	-4.8	-7.2	-8.7	
Intermediate Municipal Debt Funds	M	-4.5	-9.8	-10.8	-4.2	-10.9	-14.1	-7.5	-2.2	-2.5	0.9	-7.7	-8.7	-7.1	-7	-8.6	-13.3	-8.6	-6.7	-8.5	-9.8	
New Jersey Municipal Debt Funds	M	-3.6	-2.2	1	1.6	-11.6	-22.4	-9.3	-4	-2.2	-1.8	-11.1	-12.7	-11.7	-10.5	-10.9	-16.8	-10.2	-12.2	-5.9	-7.6	
New York Municipal Debt Funds	M	-5.1	-8.3	-1.5	0.3	-7.8	-14.5	-2.4	-1.4	1.7	2.6	-4.7	-6.1	-2.4	-3.4	-4.4	-10	-3.5	-6.7	-7.2	-8.5	
Other States Municipal Debt Funds	M	4.6	5.7	3.8	1.3	-6.5	-8.4	1.5	2.4	6.5	3.4	-7.2	-6.9	-1.7	-2.9	-4.3	-13.8	-4.6	-3.6	0.9	-0.3	
Pennsylvania Municipal Debt Funds	M	-1.3	-0.8	-8.8	-10.2	-11.8	-24.4	-9.1	-4.7	-0.4	-2	-10.7	-9.7	-11.4	-10.3	-12.1	-15.8	-8.8	-9.3	-9	-10.1	
Convertible Securities Funds	MA	1	0	-2.7	3.2	-9.8	-7.8	-6	-2.6	-6.4	-7.5	-7.4	-3.6	-12.6	-9.9	-3.4	-8.1	-2.3	-8	-2.6	-5.1	
Income & Preferred Stock Funds	MA	3.5	-1.9	-9.5	-2.8	-8.9	-12	-6.2	-5.5	0.5	-2.7	-7.9	-7.2	-7.3	-3.8	-2.2	-4.9	2.1	-0.2	-7.3	-9.8	

Source: Refinitiv Lipper