

Commodity ETFs and ETNs

Precious Metals

Symbol	Name (click links to go to fund pages)	Type	Exchange	Inception	Fund Sponsor	Avg. Daily Vol.	Expense Ratio	Option Tradable	Composition
GLD	SPDR Gold	ETF	NYSE	11/18/2004	World Gold Trust Services, LLC	18m	0.40%	Yes	100% gold
IAU	iShares COMEX Gold	ETF	AMEX	1/28/2005	Barclays	662k	0.40%	Yes	100% gold
DGL	PowerShares Gold	ETF	AMEX	1/5/2007	Deutsche Bank	59k	0.50%	Yes	100% gold
GOE	ELEMENTS Gold	ETN	AMEX	4/2/2008	Elements Funds	11k	0.38%	No	100% gold
UBG	UBS E-TRACS Gold	ETN	NYSE	4/1/2008	UBS Global Asset Management	1180	0.65%	Yes	100% gold
SLV	iShares Silver	ETF	AMEX	4/21/2006	Barclays	11m	0.50%	Yes	100% silver
DBS	PowerShares Silver	ETF	AMEX	1/5/2007	Deutsche Bank	96k	0.50%	Yes	100% silver
USV	UBS E-TRACS Silver	ETN	NYSE	4/1/2008	UBS Global Asset Management	944	0.65%	No	100% silver
PGM	iPath Platinum	ETN	NYSE	6/25/2008	Barclays	63k	0.75%	No	100% platinum
PTM	UBS E-TRACS Platinum	ETN	NYSE	5/8/2008	UBS Global Asset Management	130k	0.65%	No	100% platinum
JJP	iPath Precious Metals	ETN	NYSE	6/25/2008	Barclays	2565	0.75%	No	77.57% gold, 22.43% silver
DBP	PowerShares Precious Metals	ETF	AMEX	1/5/2007	Deutsche Bank	75k	0.75%	Yes	81.44% gold, 18.56% silver
CEF	Central Fund of Canada	ETF	AMEX	9/15/1983	Central Group Alberta Ltd	1.4m	0.43%	No	58.5% gold, 37.9% silver, 3.5% cash
PMY	ELEMENTS Precious Metals	ETN	AMEX	4/1/2008	Elements Funds	11k	0.75%	No	52% gold, 32% platinum, 8% silver, 8% palladium

Industrial / Base Metals

Symbol	Name (click links to go to fund pages)	Type	Exchange	Inception	Fund Sponsor	Avg. Daily Vol.	Expense Ratio	Option Tradable	Composition
JJC	iPath Copper	ETN	NYSE	10/30/2007	Barclays	77k	0.75%	No	100% copper
JJU	iPath Aluminium	ETN	NYSE	6/25/2008	Barclays	3,584	0.75%	No	100% aluminium
JNJ	iPath Nickel	ETN	NYSE	10/23/2007	Barclays	6,252	0.75%	No	100% nickel
JJT	iPath Tin	ETN	NYSE	6/25/2008	Barclays	190	0.75%	No	100% tin
LD	iPath Lead	ETN	NYSE	6/26/2008	Barclays	2,845	0.75%	No	100% lead
JJM	iPath Industrial Metals	ETN	NYSE	10/30/2007	Barclays	3,937	0.75%	No	40.88% aluminium, 37.95% copper, 11.99% zinc, 9.18% nickel
DBB	PowerShares Base Metals	ETF	AMEX	1/5/2007	Deutsche Bank	424k	0.75%	Yes	33% aluminium, 33% copper, 33 zinc
UBM	UBS E-TRACS Industrial Metals	ETN	NYSE	4/1/2008	UBS Global Asset Management	2015	0.65%	No	42% copper, 33% aluminium, 11% zinc, 10% nickel, 4% lead

Energy

Symbol	Name (click links to go to fund pages)	Type	Exchange	Inception	Fund Sponsor	Avg. Daily Vol.	Expense Ratio	Option Tradable	Composition
USO	United States Oil Fund	ETF	AMEX	4/10/2006	Victoria Bay Asset Management, LLC	23m	0.50%	Yes	100% oil
OIL	iPath Crude Oil	ETN	NYSE	8/15/2006	Barclays	2.7m	0.75%	No	100% oil
DBO	PowerShares Oil	ETF	AMEX	1/5/2007	Deutsche Bank	311k	0.50%	Yes	100% oil
USL	United States 12 Month Oil Fund	ETN	AMEX	1/28/2008	Victoria Bay Asset Management, LLC	316k	0.60%	Yes	100% oil
UOY	MacroShares Oil Up	ETF	NYSE	7/1/2008	MacroShares	16k	0.95%	No	100% oil
UNG	United States Natural Gas Fund	ETF	AMEX	4/18/2007	Victoria Bay Asset Management, LLC	8.7m	0.60%	Yes	100% natural gas
GAZ	iPath Natural Gas	ETN	NYSE	10/23/2007	Barclays	39k	0.75%	No	100% natural gas
UGA	United States Gasoline Fund	ETF	AMEX	3/11/2008	Victoria Bay Asset Management, LLC	159k	0.60%	Yes	100% gasoline
UHN	United States Heating Oil Fund	ETF	AMEX	4/9/2008	Victoria Bay Asset Management, LLC	6395	0.60%	No	100% heating oil
JJE	iPath Energy	ETN	NYSE	10/23/2007	Barclays	3592	0.75%	No	41.6% WTI crude oil, 34.41% natural gas, 12.74% heating oil, 11.25% unleaded gasoline
DBE	PowerShares Energy	ETF	AMEX	1/5/2007	Deutsche Bank	74k	0.75%	Yes	22.78% brent crude, 22.67% light crude oil, 22.49% heating oil, 22.47% unleaded gasoline, 9.59% natural gas
RJN	ELEMENTS Energy	ETN	AMEX	10/17/2007	Elements Funds	92k	0.75%	No	47.74% crude oil, 31.82% ICE brent oil, 6.82% gasoline, 6.82% natural gas, 4.09% heating oil, 2.73% ICE gas oil
UBN	UBS E-TRACS Energy	ETN	NYSE	4/1/2008	UBS Global Asset Management	152	0.65%	No	26% WTI crude oil (NYMEX:CL), 20% natural gas, 16% brent crude oil, 12% WTI crude oil (ICE:EN), 9% gasoline, 9% gasoil, 8% heating oil

Agriculture

Symbol	Name (click links to go to fund pages)	Type	Exchange	Inception	Fund Sponsor	Avg. Daily Vol.	Expense Ratio	Option Tradable	Composition
NIB	iPath Cocoa	ETN	NYSE	6/25/2008	Barclays	8,365	0.75%	No	100% cocoa
JO	iPath Coffee	ETN	NYSE	6/25/2008	Barclays	8,311	0.75%	No	100% coffee
BAL	iPath Cotton	ETN	NYSE	6/26/2008	Barclays	3,495	0.75%	No	100% cotton
SGG	iPath Sugar	ETN	NYSE	6/25/2008	Barclays	7,187	0.75%	No	100% sugar
DBA	PowerShares DB Agriculture	ETF	AMEX	1/5/2007	Deutsche Bank	1.8m	0.75%	Yes	25% corn, 25% soybeans, 25% sugar, 25% wheat
JJA	iPath Agriculture	ETN	NYSE	10/23/2007	Barclays	13k	0.75%	No	23.8% soybeans, 21.79% corn, 14.08% sugar, 13.03% wheat, 10.97% soybean oil, 7.58% cotton
JJS	iPath Soft Commodities	ETN	NYSE	6/25/2008	Barclays	1063	0.75%	No	43.16% sugar, 33.61% cocoa, 23.22% cotton
JJG	iPath Grains	ETN	NYSE	10/23/2007	Barclays	29k	0.75%	No	42.6% soybeans, 35.8% wheat, 21.6% corn
GRU	ELEMENTS Grains	ETN	AMEX	2/5/2008	Elements Funds	3,732	0.75%	No	46.67% wheat, 35.35% corn, 10.12% soy meal, 7.86% soybeans
UAG	UBS E-TRACS Agriculture	ETN	NYSE	4/1/2008	UBS Global Asset Management	724	0.65%	No	19% corn, 18% soybeans, 15% wheat, 11% sugar #11, 10% sugar #5, 6% cotton, 5% soybean oil, 5% soybean meal, 4% cocoa, 4% coffee, 3% FCOJ
FUE	ELEMENTS Biofuels	ETN	AMEX	2/5/2008	Elements Funds	1179	0.75%	No	31.73% soybeans, 24.51% sugar, 21.13% corn, 12.63% soybean oil, 5.52% rapeseed, 3.23% barley, 1.25% canola

Livestock

Symbol	Name (click links to go to fund pages)	Type	Exchange	Inception	Fund Sponsor	Avg. Daily Vol.	Expense Ratio	Option Tradable	Composition
COW	iPath Livestock	ETN	NYSE	10/24/2007	Barclays	45k	0.75%	No	67.9% live cattle, 32.1% lean hogs
LSO	ELEMENTS Livestock	ETN	AMEX	4/1/2008	Elements Funds	12k	0.75%	No	69.92% live cattle, 30.08% lean hogs
UBC	UBS E-TRACS Livestock	ETN	NYSE	4/1/2008	UBS Global Asset Management	395	0.65%	No	57% live cattle, 43% lean hogs

Multi Asset Class

Symbol	Name (click links to go to fund pages)	Type	Exchange	Inception	Fund Sponsor	Avg. Daily Vol.	Expense Ratio	Option Tradable	Composition
GSG	iShares GSCI Commodity	ETF	NYSE	7/21/2006	Barclays	460k	0.75%	Yes	71% energy, 10% metals, 19% agriculture
GSP	iPath GSCI Total Return	ETN	NYSE	6/6/2006	Barclays	39k	0.75%	No	72.96% energy, 9.95% agriculture, 6.34% industrial metals, 4.57% livestock, 2.42% precious metals
DJP	iPath Dow Jones-AIG Commodity Index Total Return	ETN	NYSE	6/6/2006	Barclays	461k	0.75%	No	33.89% energy, 19.95% grains, 16.42% industrial metals, 10.33% precious metals, 9.87% soft commodities, 9.54% livestock
RJI	ELEMENTS Rogers International Commodity Index Total Return	ETN	AMEX	10/17/2007	Elements Funds	343k	0.75%	No	44% energy (47.73% crude oil, 31.82% ICE brent oil, 6.82% gasoline, 6.82% natural gas, 4.09% heating oil, 2.73% ICE gas oil), 34.9% agriculture/livestock (20.06% wheat, 13.61% corn, 11.60% cotton, 8.6% soybeans, 5.73% sugar, 5.73% soybean oil, 5.73% live cattle, 5.73% coffee, 2.87% rubber, 2.87% lumber, 2.87% lean hogs, 2.87% cocoa, 2.15% soybean meal, 1.92% canola, 1.89% orange juice, 1.43% azuki beans, 1.43% rice, 1.43% oats, .77% barley, .72% greasy wool), 21.1% metals (18.96% aluminium, 18.96% copper, 14.22% gold, 9.48% zinc, 9.48% silver, 9.48% lead, 8.53% platinum, 4.74% tin, 4.74% nickel, 1.42% palladium)
RJA	ELEMENTS Rogers International Commodity Index Agriculture	ETN	AMEX	10/17/2007	Elements Funds	243k	0.75%	No	20.1% wheat, 13.6% corn, 11.6% cotton, 8.6% soybeans, 5.7% bean oil, 5.7% live cattle, 5.7% sugar, 5.7% coffee, 2.9% lumber, 2.9% lean hogs, 2.9% cocoa, 2.9% rubber, 2.2% bean meal, 1.9% canola, 1.9% orange juice, 1.4% oats, 1.4% rice, 1.4% azuki beans, .8% barley, .7% wool

LSC	ELEMENTS Commodity Index	ETN	NYSE	6/10/2008	Elements Funds	68k	0.75%	No	energy 37.5% (17% oil, 8.5% natural gas, 6% heating oil, 6% gasoline), grains 23% (10% soybeans, 8% corn, 5% wheat), 10.5% precious metals (7% gold, 3.5% silver), 10% industrial metals (10% copper), 10% livestock (6% live cattle, 4% lean hogs), 9% (3% coffee, 2% cocoa, 2% cotton, 2% sugar)
RJA	ELEMENTS Agriculture	ETN	AMEX	10/17/2007	Elements Funds	243k	0.75%	No	20.06% wheat, 13.6% corn, 11.6% cotton, 8.6% soybeans, 5.73% sugar, 5.73% soybean oil, 5.73% live cattle, 5.73% coffee, 2.87% lumber, 2.87% lean hogs, 2.87% cocoa, 2.87% rubber, 2.15% soybean meal, 1.92% canola, 1.89% orange juice, 1.43% azuki beans, 1.43% rice, 1.43% oats, .725 greasy wool, .77% barley
RJZ	ELEMENTS Metals	ETN	AMEX	10/17/2007	Elements Funds	43k	0.75%	No	18.96% aluminium, 18.96% copper, 14.22% gold, 9.48% zinc, 9.48% silver, 9.48% lead, 8.53% platinum, 4.74% tin, 4.74% nickel, 1.42% palladium
GCC	GreenHaven Continuous Commodity Index	ETF	AMEX	1/24/2008	GreenHaven	89k	0.85%	No	29.4% soft (cotton, coffee, sugar, cocoa, orange juice), 23.52% metals (silver, copper, platinum, gold), 17.64% grains (corn, soybeans, wheat), 17.64% energy (natural gas, heating oil, crude oil), 11.76% livestock (lean hogs, live cattle) each individual commodity equally weighted
DBC	PowerShares Commodity Index	ETF	AMEX	2/3/2006	Deutsche Bank	1.7m	0.75%	Yes	34.45% crude oil, 19.53% heating oil, 12.61% aluminium, 12.10% wheat, 11.47% corn, 9.84% gold
GSC	Goldman Sachs Enhanced Commodity Total Return	ETN	NYSE	7/31/2007	Goldman Sachs	27k	1.25%	No	71% energy, 10% metals, 19% agriculture
UCI	UBS E-TRACS CMCI Total Return	ETN	NYSE	4/1/2008	UBS Global Asset Management	1,160	0.65%	No	34% energy, 29% agriculture, 28% industrial metals, 5% precious metals, 4% livestock
FUD	UBS E-TRACS CMCI Food	ETN	NYSE	4/1/2008	UBS Global Asset Management	947	0.65%	No	17% soybeans, 17% corn, 14% wheat, 10% sugar #11, 9% sugar #5, 7% live cattle, 5% lean hogs, 5% soybean oil, 5% soybean meal, 4% cocoa, 4% coffee, 3% FCOJ