

Freight -FFA							31-Aug-22				
Dry FFA Spot \$/Day	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest/day	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range \$/Day	Trading Exchange
Cape5TC	25,287	2,505	86,953	16,791	424.6	570,906	160,666	14,436	157.4%	785.8	EEX, SGX
Panamax4TC	23,501	9,620	37,616	18,519	435.2	629,657	178,003	14,798	40.5%	290.3	EEX, SGX
Supramax10TC	26,919	16,199	39,860	9,032	243.1	307,081	87,080	8,266	29.0%	339.7	EEX, SGX
Options	/	/	/	7,798	286.5	265,133	202,155	9,742	/	/	EEX, SGX
Wet FFA Spot \$/mt							31-Aug-22				
12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume/mt	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest/mt	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range \$/mt	Trading Exchange	
TD3C	8.31	5.81	14.76	5,282,765	43.9	179,614,000	70,383,000	1,493.2	51.6%	0.265	ICE, CME
TD20	12.62	7.27	26.45	2,161,412	27.3	73,488,000	27,606,000	927.6	25.2%	0.205	ICE, CME
TC2_37	25.68	12.07	49.24	1,309,294	33.6	44,516,000	8,572,000	1,143.3	63.6%	0.804	ICE, CME
TC5	38.10	19.54	77.60	1,670,529	63.7	56,798,000	12,940,000	2,164.2	29.7%	0.816	ICE, CME
TC6	16.00	7.12	33.36	491,529	7.9	16,712,000	3,508,000	267.4	88.9%	0.906	ICE, CME
TC14	29.11	9.88	79.67	914,353	26.6	31,088,000	7,526,000	905.0	148.7%	1.596	ICE, CME
Iron Ore							31-Aug-22				
Iron Ore Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange
Iron Ore 62% Fe	124.65	87.20	162.75	47,013,244	5,860.3	1,598,450,300	87,639,800	199,251	31.5%	0.696	CME, SGX
Iron Ore 65% Fe	146.26	102.00	191.70	896,065	131.1	30,466,200	2,185,300	4,456	29.9%	0.748	CME, SGX
Options IO 62% Fe	/	/	/	10,795,259	1,345.7	367,038,800	79,212,600	45,752	/	/	CME, SGX
Energy							31-Aug-22				
Coking Coal Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange
Coking Coal Australia	393.82	188.00	670.50	110,429	43.5	3,754,600	1,649,300	1,479	55.2%	1.920	SGX
Fuel Oil Spot \$/mt							31-Aug-22				
12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
Singapore 380cst Fuel Oil	517.61	380.17	715.96	9,826,824	5,086.4	334,112,000	16,310,000	172,938	24.5%	2.484	ICE, CME, SGX
3.5% FOB Rotterdam Barges	496.39	368.50	694.00	5,991,265	2,974.0	203,703,000	13,189,000	101,116	51.1%	12.585	ICE, CME
Marine Fuel 0.5% Singapore	733.92	523.04	1057.61	8,711,471	6,393.5	296,190,000	14,193,000	217,379	53.0%	4.864	ICE, CME, SGX
Emissions Active Contracts /mt							31-Aug-22				
12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million €/€	YTD Market Volume	Open Interest	YTD Notional Value Million €	30 Day Volatility	14 Day True Range	Trading Exchange	
EUA Futures €/mt	77.97	54.55	97.67	157,035,647	12,244.4	5,339,212,000	703,222,000	416,309	42.4%	2.560	ICE, EEX
EUA Options €/mt	/	/	/	45,166,029	3,521.7	1,535,645,000	364,846,000	119,737	/	/	ICE, EEX
GEO Futures \$/mt	6.33	2.90	9.09	703,824	4.5	23,930,000	3,230,000	151	80.3%	0.078	CME
N-GEO Futures \$/mt	11.05	7.21	16.14	3,018,059	33.3	102,614,000	14,098,000	1,133	49.8%	0.233	CME
Natural Gas Active Contracts							31-Aug-22				
12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
LNG Japan/Korea Marker \$/MMBtu	33.06	18.46	69.96	115,492,647	3,817.9	3,926,750,000	817,450,000	129,807	105.5%	3.409	ICE, CME
LPG Propane Far East \$/mt	795.98	636.62	1001.03	3,686,471	2,934.4	125,340,000	12,904,000	99,769	19.1%	3.805	ICE, CME
LPG Propane Saudi CP \$/mt	771.45	626.51	968.48	1,297,294	1,000.8	44,108,000	4,178,000	34,027	36.5%	17.187	ICE, CME
Ferrous Metals							31-Aug-22				
Active Contract \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange
CME CRU HRC \$/short ton	1369	780	1943	105,421	144.3	3,584,300	397,740	4,905.6	25.4%	12.847	CME
CME European HRC	1001	760	1400	14,357	14.4	488,140	114,020	488.8	13.5%	3.468	CME
US Busheling Scrap	602	440	900	12,044	7.3	409,480	137,540	246.6	36.4%	7.835	CME
LME Steel Scrap	483	362	700	81,426	39.3	2,768,490	86,750	1,337.1	29.4%	3.373	LME
LME Steel Rebar	745	625	950	19,635	14.6	667,590	15,170	497.5	28.0%	4.012	LME
LME China HRC	777	593	930	9,037	7.0	307,250	6,380	238.7	23.6%	9.572	LME
Base Metals							31-Aug-22				
Active Contract \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange
CME Aluminium Premium US \$/pound	0.3313	0.2450	0.4001	40,165	29.3	1,365,600	735,725	997.7	4.7%	0.0008	CME
CME Aluminium Premium EU EDP	472.77	290.00	615.00	28,125	13.3	956,250	493,425	452.1	55.0%	2.821	CME
CME Aluminium Premium EU AEP	383.33	220.00	505.00	11,379	4.4	386,875	187,625	148.3	52.2%	2.010	CME
LME Aluminium High Grade	2,863	2,324	3,876	27,834,957	79,701	946,388,525	11,159,725	2,709,849	27.3%	54.4	LME
LME Copper	9,373	7,162	11,300	14,874,371	139,418	505,728,625	3,739,225	4,740,197	21.7%	172.2	LME
LME Lead	2,237	1,856	2,475	5,073,804	11,349	172,509,350	290,454	385,868	23.2%	34.5	LME
LME Nickel	24,493	17,928	48,211	1,645,603	40,306	55,950,504	653,382	1,370,420	43.2%	534.3	LME
LME Tin	36,714	22,932	48,855	96,411	3,540	3,277,985	29,630	120,348	26.8%	490.6	LME
LME Zinc	3,559	2,950	4,523	11,378,496	40,495	386,868,875	3,312,750	1,376,831	35.8%	76.3	LME
EV Metals							31-Aug-22				
Active Contract \$/tonne	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange
Cobalt standard grade in-whs Rotterdam	71,470	52,536	88,471	213	15.3	7,256	5,186	518.6	37.1%	133.600	CME, LME
Fertilizer							31-Aug-22				
Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange
Urea (gran) CFR Brazil	716	468	995	3,971	2.8	135,000	30,500	96.7	65.0%	16.570	CME
Urea (gran) FOB Middle East	725	425	962	17,926	13.0	609,500	24,000	441.6	77.4%	14.174	CME
Urea (gran) FOB US Gulf	647	440	909	46,982	30.4	1,597,400	168,900	1,034.1	67.8%	12.242	CME

Data Source: Baltic, CME, SGX, LME, ICE Exchanges and Bloomberg data. Spot price implies to the settlement price and index of the future product, index publishers include Baltic Freight, Fastmarkets MB, Platts, TSI, Argus, CRU, Profercy Indices.

Please Note: LME volume and trades in some cases generated three reportable lots instead of one lot.

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