

Freight -FFA							30-Jun-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	30,046	5,826	86,953	16,125	484.5	419,244	169,115	12,597	129.7%	1285.9	EEX, SGX
Panamax4TC	26,322	14,549	37,616	18,660	491.2	485,158	204,810	12,770	30.9%	604.8	EEX, SGX
Supramax10TC	29,468	17,273	39,860	8,745	257.7	227,361	1,122	6,700	13.7%	272.0	EEX, SGX
Options	/	/	/	7,040	428.7	183,050	92,834	11,146	/	/	EEX, SGX
Wet FFA Spot \$/mt							30-Jun-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	7.30	5.61	10.72	5,162,846	37.7	134,234,000	81,055,000	979.8	22.2%	0.170	ICE, CME
TD20	10.81	6.93	26.45	1,822,462	19.7	47,384,000	19,449,000	512.2	62.9%	0.391	ICE, CME
TC2_37	21.92	12.07	49.24	1,431,731	31.4	37,225,000	9,730,000	816.1	54.1%	0.743	ICE, CME
TC5	32.13	16.02	77.60	1,717,808	55.2	44,663,000	14,440,000	1,435.0	83.5%	2.320	ICE, CME
TC6	14.29	7.12	33.36	508,192	7.3	13,213,000	3,570,000	188.9	71.7%	0.606	ICE, CME
TC14	24.70	9.88	79.67	843,769	20.8	21,938,000	6,658,000	541.8	139.0%	1.787	ICE, CME
Iron Ore							30-Jun-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	137.99	87.20	222.85	41,916,431	5,784.0	1,089,827,200	76,076,000	150,383	56.4%	4.122	CME, SGX
Iron Ore 65% Fe	162.39	102.00	256.80	984,869	159.9	25,606,600	3,213,200	4,158	49.8%	1.299	CME, SGX
Options IO 62% Fe	/	/	/	10,090,769	1,392.4	262,360,000	72,790,200	36,202	/	/	CME, SGX
Energy							30-Jun-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	390.00	198.00	670.50	119,523	46.6	3,107,600	1,868,400	1,212	85.0%	12.721	CME, SGX
Fuel Oil Spot \$/mt							30-Jun-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	506.88	377.15	715.96	9,439,500	4,784.7	245,427,000	15,971,000	124,402	39.2%	12.786	ICE, CME, SGX
3.5% FOB Rotterdam Barges	483.25	354.25	694.00	5,963,154	2,881.7	155,042,000	12,555,000	74,924	40.4%	11.544	ICE, CME
Marine Fuel 0.5% Singapore	689.09	482.96	1057.61	9,024,000	6,218.3	234,624,000	14,570,000	161,676	31.1%	13.348	ICE, CME, SGX
Emissions Active Contracts /mt							30-Jun-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	72.97	50.74	96.48	143,507,538	10,472.3	3,731,196,000	661,032,000	272,280	39.1%	1.834	ICE, EEX
EUA Options €/mt	/	/	/	45,519,885	3,321.8	1,183,517,000	303,244,000	86,366	/	/	ICE, EEX
GEO Futures \$/mt	6.44	3.18	9.09	350,192	2.3	9,105,000	2,821,000	59	65.8%	0.099	CME
N-GEO Futures \$/mt	11.14	5.53	16.14	1,489,385	16.6	38,724,000	14,734,000	431	34.7%	0.106	CME
Natural Gas Active Contracts							30-Jun-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	27.74	12.69	51.77	115,853,077	3,213.6	3,012,180,000	849,960,000	83,554	122.3%	0.920	ICE, CME
LPG Propane Far East \$/mt	792.63	636.62	1001.03	144,084	114.2	3,746,192	13,243,000	2,969	39.8%	15.371	ICE, CME
LPG Propane Saudi CP \$/mt	769.25	627.28	968.48	53,947	41.5	1,402,615	4,545,000	1,079	44.2%	13.826	ICE, CME
Ferrous Metals							30-Jun-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	1537	930	1945	110,128	169.3	2,863,320	483,000	4,400.6	66.4%	31.348	CME
CME European HRC	1062	861	1400	11,310	12.0	294,060	47,600	312.3	55.4%	6.792	CME
US Busheling Scrap	633	510	900	12,235	7.7	318,120	129,000	201.3	38.1%	9.521	CME
LME Steel Scrap	498	368	700	74,428	37.1	1,935,130	76,440	963.9	36.5%	4.150	LME
LME Steel Rebar	754	660	950	22,879	17.2	594,850	24,940	448.3	26.4%	5.207	LME
LME China HRC	829	678	950	9,920	8.2	257,920	8,320	213.7	34.1%	11.212	LME
Base Metals							30-Jun-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	0.3382	0.2450	0.4001	34,341	25.6	892,875	677,850	665.8	27.8%	0.0012	CME
CME Aluminium Premium EU EDP	438.48	290.00	615.00	20,652	9.1	536,950	389,925	235.4	3.6%	0.729	CME
CME Aluminium Premium EU AEP	353.55	220.00	505.00	9,225	3.3	239,850	151,675	84.8	2.1%	0.125	CME
LME Aluminium High Grade	2,886	2,405	3,876	28,386,754	81,912	738,055,600	10,766,150	2,129,723	25.7%	52.7	LME
LME Copper	9,649	8,264	11,300	14,364,957	138,608	373,488,875	3,438,825	3,603,806	22.6%	185.6	LME
LME Lead	2,289	1,914	2,475	5,019,470	11,488	130,506,225	330,996	298,689	34.8%	43.6	LME
LME Nickel	24,023	17,928	48,211	1,786,724	42,922	46,454,826	676,188	1,115,982	55.8%	1,045.4	LME
LME Tin	38,317	25,045	48,855	97,395	3,732	2,532,280	24,160	97,029	61.9%	1,117.0	LME
LME Zinc	3,495	2,911	4,523	11,119,774	38,866	289,114,125	3,425,350	1,010,508	31.7%	97.8	LME
EV Metals							30-Jun-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	70,520	52,272	88,471	5	0.4	134	6,482	9.4	18.3%	275.373	CME, LME
Fertilizer							30-Jun-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	693	418	995	3,135	2.2	81,500	26,500	56.5	26.5%	5.066	CME
Urea (gran) FOB Middle East	701	425	962	17,885	12.5	465,000	15,000	325.9	5.0%	2.932	CME
Urea (gran) FOB US Gulf	627	411	909	44,781	28.1	1,164,300	169,600	730.5	33.5%	1.897	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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