

Freight - FFA							31-Mar-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	32,453	5,826	86,953	17,128	555.8	222,662	165,578	7,226	135.3%	916.9	EEX, SGX
Panamax4TC	26,779	14,549	37,616	22,473	601.8	292,148	223,349	7,824	52.2%	604.8	EEX, SGX
Supramax10TC	28,998	17,273	39,860	10,350	300.1	134,544	90,824	3,901	24.8%	452.9	EEX, SGX
Options	/	/	/	7,803	891.7	101,440	177,140	11,592	/	/	EEX, SGX
Wet FFA Spot \$/mt							31-Mar-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	6.71	5.61	10.72	6,419,077	43.1	83,448,000	78,912,000	560.1	105.6%	0.238	ICE, CME
TD20	8.70	6.69	16.49	2,037,462	17.7	26,487,000	15,458,000	230.5	151.2%	0.435	ICE, CME
TC2_37	16.39	12.07	24.76	1,198,692	19.7	15,583,000	5,966,000	255.5	63.4%	0.401	ICE, CME
TC5	23.54	16.02	42.53	1,358,538	32.0	17,661,000	7,120,000	415.7	87.3%	0.476	ICE, CME
TC6	10.54	7.12	20.95	565,077	6.0	7,346,000	3,412,000	77.4	48.1%	0.239	ICE, CME
TC14	17.25	9.88	38.42	630,154	10.9	8,192,000	4,149,000	141.4	84.5%	1.857	ICE, CME
Iron Ore							31-Mar-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	154.73	87.20	233.10	44,074,731	6,819.8	572,971,500	77,787,800	88,658	34.1%	1.228	CME, SGX
Iron Ore 65% Fe	180.03	102.00	267.80	1,222,192	220.0	15,888,500	3,345,300	2,860	30.5%	1.255	CME, SGX
Options IO 62% Fe	/	/	/	11,045,023	1,709.0	143,585,300	77,259,000	22,217	/	/	CME, SGX
Energy							31-Mar-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	314.43	106.50	670.50	142,869	44.9	1,857,300	2,146,400	584	76.1%	4.781	CME, SGX
Fuel Oil Spot \$/mt							31-Mar-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	425.18	345.37	715.96	8,697,077	3,697.8	113,062,000	13,761,000	48,071	50.9%	7.960	ICE, CME, SGX
3.5% FOB Rotterdam Barges	430.77	333.75	694.00	7,260,231	3,127.5	94,383,000	13,690,000	40,658	67.1%	20.756	ICE, CME
Marine Fuel 0.5% Singapore	590.79	458.39	1008.19	10,739,000	6,344.5	139,607,000	17,870,000	82,478	48.2%	9.287	ICE, CME, SGX
Emissions Active Contracts /mt							31-Mar-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	64.67	42.40	96.48	195,169,000	12,622.0	2,537,197,000	624,864,000	164,086	97.3%	3.258	ICE, EEX
EUA Options €/mt	/	/	/	71,409,385	4,618.2	928,322,000	340,574,000	60,036	/	/	ICE, EEX
GEO Futures \$/mt	5.96	2.55	9.09	700,385	4.2	9,105,000	2,872,000	54	76.0%	0.129	CME
N-GEO Futures \$/mt	11.33	5.53	16.14	2,978,769	33.7	38,724,000	16,884,000	439	109.3%	0.298	CME
Natural Gas Active Contracts							31-Mar-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	23.35	6.93	51.77	164,568,462	3,843.4	2,139,390,000	997,020,000	49,964	192.3%	1.120	ICE, CME
LPG Propane Far East \$/mt	729.43	528.98	1001.03	320,852	234.0	4,171,077	12,140,000	3,043	50.4%	7.594	ICE, CME
LPG Propane Saudi CP \$/mt	705.82	471.15	968.48	117,669	83.1	1,529,692	5,042,000	1,080	59.0%	22.473	ICE, CME
Ferrous Metals							31-Mar-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	1593	990	1945	131,794	210.0	1,713,320	540,220	2,729.4	109.1%	68.776	CME
CME European HRC	1046	861	1320	9,798	10.3	127,380	44,560	133.3	63.7%	11.679	CME
US Busheling Scrap	623	515	900	14,260	8.9	185,380	146,660	115.5	72.6%	17.112	CME
LME Steel Scrap	492	428	700	78,562	38.6	1,021,310	78,340	502.0	62.5%	5.214	LME
LME Steel Rebar	725	635	950	32,335	23.4	420,360	29,730	304.7	50.2%	7.116	LME
LME China HRC	862	740	1025	14,105	12.2	183,370	13,350	158.2	38.7%	10.017	LME
Base Metals							31-Mar-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	0.3093	0.2125	0.3928	30,271	20.6	393,525	623,300	268.4	19.8%	0.0006	CME
CME Aluminium Premium EU EDP	346.47	225.00	555.00	25,833	9.0	335,825	458,775	116.4	21.1%	2.784	CME
CME Aluminium Premium EU AEP	279.45	161.67	423.59	14,958	4.2	194,450	225,125	54.3	15.3%	0.959	CME
LME Aluminium High Grade	2,764	2,209	3,876	31,431,200	86,887	408,605,600	10,172,175	1,129,532	50.8%	122.2	LME
LME Copper	9,687	8,800	11,300	15,269,588	147,922	198,504,650	3,886,850	1,922,983	23.6%	144.8	LME
LME Lead	2,270	1,946	2,475	5,451,987	12,376	70,875,825	349,428	160,887	25.6%	49.9	LME
LME Nickel	21,112	16,005	48,211	2,342,054	49,445	30,446,700	812,424	642,791	207.4%	3,136.2	LME
LME Tin	36,824	26,673	48,855	104,692	3,855	1,361,000	32,985	50,117	39.3%	566.6	LME
LME Zinc	3,248	2,737	4,213	12,191,896	39,598	158,494,650	4,008,250	514,774	34.2%	95.6	LME
EV Metals							31-Mar-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	60,882	44,467	84,305	102	6.2	1,330	1,813	81.0	9.8%	93.055	CME, LME
Fertilizer							31-Mar-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	616	350	995	4,231	2.6	55,000	20,000	33.9	49.9%	13.324	CME
Urea (gran) FOB Middle East	616	336	962	22,885	14.1	297,500	36,500	183.1	62.5%	8.309	CME
Urea (gran) FOB US Gulf	571	353	909	59,462	33.9	773,000	225,500	441.3	50.1%	10.513	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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