

Freight -FFA							28-Feb-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	32,621	5,826	86,953	17,210	561.4	137,680	161,148	4,491	197.2%	1349.5	EEX, SGX
Panamax4TC	26,328	14,549	37,616	22,773	599.6	182,181	227,344	4,796	61.0%	604.8	EEX, SGX
Supramax10TC	28,124	17,273	39,860	8,770	246.6	70,159	86,038	1,973	47.0%	330.3	EEX, SGX
Options	/	/	/	7,136	1,436.5	57,085	184,345	11,492	/	/	EEX, SGX
Wet FFA Spot \$/mt	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	6.49	5.16	10.08	7,755,625	50.4	62,045,000	81,550,000	402.8	85.9%	0.520	ICE, CME
TD20	8.45	6.69	16.49	1,752,000	14.8	14,016,000	13,408,000	118.4	141.8%	0.935	ICE, CME
TC2_37	15.93	12.07	23.32	1,461,000	23.3	11,688,000	7,879,000	186.1	58.9%	0.537	ICE, CME
TC5	22.26	16.02	28.86	1,605,500	35.7	12,844,000	6,925,000	285.9	58.1%	0.818	ICE, CME
TC6	9.97	7.12	20.95	759,125	7.6	6,073,000	4,041,000	60.6	87.7%	0.465	ICE, CME
TC14	15.51	9.88	27.71	723,000	11.2	5,784,000	3,364,000	89.7	54.9%	0.897	ICE, CME
Iron Ore							28-Feb-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	38,374,738	5,937.8	306,997,900	77,597,700	47,503	37.5%	1.412	CME, SGX
Iron Ore 65% Fe	181.32	102.00	267.80	1,267,713	229.9	10,141,700	2,749,800	1,839	32.3%	1.619	CME, SGX
Options IO 62% Fe	/	/	/	7,701,988	1,191.8	61,615,900	49,922,900	9,534	/	/	CME, SGX
Energy							28-Feb-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	270.94	106.50	457.00	155,888	42.2	1,247,100	2,260,100	338	20.4%	1.800	CME, SGX
Fuel Oil 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
Singapore 380cst Fuel Oil	425.18	345.37	552.38	10,049,500	4,272.8	80,396,000	15,511,000	34,182	21.6%	3.480	ICE, CME, SGX
3.5% FOB Rotterdam Barges	409.29	333.75	531.00	9,116,000	3,731.1	72,928,000	16,338,000	29,849	47.3%	12.832	ICE, CME
Marine Fuel 0.5% Singapore	555.87	457.73	761.43	14,222,750	7,906.1	113,782,000	20,068,000	63,248	17.8%	4.109	ICE, CME, SGX
Emissions Active Contracts /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
EUA Futures €/mt	61.70	37.41	96.48	180,645,875	11,146.0	1,445,167,000	779,476,000	89,168	53.7%	4.464	ICE, EEX
EUA Options €/mt	/	/	/	61,721,875	3,808.3	493,775,000	434,019,000	30,466	/	/	ICE, EEX
GEO Futures \$/mt	5.77	2.55	9.09	386,250	2.2	3,090,000	3,357,000	18	56.7%	0.177	CME
N-GEO Futures \$/mt	11.48	5.53	16.14	916,500	10.5	7,332,000	14,427,000	84	35.6%	0.313	CME
Natural Gas Active Contracts	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	20.65	5.88	49.35	185,927,500	3,840.0	1,487,420,000	1,105,130,000	30,720	180.9%	2.783	ICE, CME
LPG Propane Far East \$/mt	698.14	528.98	907.47	531,563	371.1	4,252,500	12,373,000	2,969	15.8%	4.856	ICE, CME
LPG Propane Saudi CP \$/mt	677.07	471.15	894.77	232,234	157.2	1,857,875	5,169,000	1,258	26.5%	15.762	ICE, CME
Ferrous Metals							28-Feb-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	1604	990	1945	120,155	192.7	961,240	688,000	1,541.8	66.4%	34.869	CME
CME European HRC	1004	763	1178	8,068	8.1	64,540	37,580	64.8	14.2%	3.297	CME
US Busheling Scrap	604	515	684	18,358	11.1	146,860	137,740	88.8	27.3%	7.728	CME
LME Steel Scrap	474	428	525	71,318	33.8	570,540	66,780	270.5	20.8%	4.712	LME
LME Steel Rebar	701	622	794	27,031	18.9	216,250	36,880	151.5	17.4%	4.855	LME
LME China HRC	849	686	1025	9,271	7.9	74,170	12,800	63.0	28.2%	13.410	LME
Base Metals							28-Feb-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	0.2909	0.1650	0.3622	29,694	19.0	237,550	611,475	152.4	20.8%	0.0011	CME
CME Aluminium Premium EU EDP	315.64	162.50	466.25	25,138	7.9	201,100	419,175	63.5	9.4%	0.726	CME
CME Aluminium Premium EU AEP	255.84	132.00	374.75	18,419	4.7	147,350	225,125	37.7	75.0%	1.509	CME
LME Aluminium High Grade	2,649	2,129	3,412	32,913,313	87,173	263,306,500	12,052,275	697,385	27.7%	91.4	LME
LME Copper	9,576	8,780	11,300	14,994,938	143,588	119,959,500	3,903,175	1,148,702	23.3%	122.5	LME
LME Lead	2,235	1,903	2,475	5,626,234	12,572	45,009,875	376,344	100,579	16.5%	27.6	LME
LME Nickel	19,226	15,909	25,131	2,685,422	51,631	21,483,372	992,964	413,046	34.7%	668.1	LME
LME Tin	35,339	24,775	45,469	103,442	3,656	827,535	39,685	29,244	23.1%	450.7	LME
LME Zinc	3,144	2,730	3,845	12,958,034	40,746	103,664,275	4,363,550	325,970	17.5%	62.4	LME
EV Metals							28-Feb-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	58,394	44,467	77,051	42	2.5	338	1,651	19.7	2.7%	56.724	CME, LME
Fertilizer							28-Feb-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	569	353	880	5,000	2.8	40,000	10,000	22.8	24.7%	16.037	CME
Urea (gran) FOB Middle East	568	336	962	26,500	15.0	212,000	41,500	120.3	90.6%	26.593	CME
Urea (gran) FOB US Gulf	529	332	808	65,063	34.4	520,500	209,000	275.3	53.5%	17.986	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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