Oppenheimer & Co., Inc. - Held NMS Stocks and Options Order Routing Public Report

Generated on Thu Jan 30 2025 10:55:11 GMT-0500 (Eastern Standard Time)

4th Quarter, 2024

October 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	82.63	3.54	9.91	3.91

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Virtu Americas, LLC	41.57	42.00	37.38	39.49	41.60	4,017.63	14.0000	607.99	14.0000	738.61	14.0000	36.59	6.3782
CITADEL SECURITIES LLC	39.27	38.49	39.16	40.63	52.43	4,769.35	16.0000	1,230.36	16.0000	1,136.12	16.0000	83.99	8.9088
StoneX Financial, Inc.	13.34	13.92	15.57	12.08	2.25	2,095.61	16.0000	289.69	16.0000	308.28	16.0000	10.90	16.0000

Material Aspects:

Virtu Americas, LLC:

Oppenheimer receives remuneration from Virtu/NITE based on a rate per shares executed of 14 cents per 100 shares. Arrangements with NITE are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

CITADEL SECURITIES LLC:

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per shares executed of 16 cents per 100 shares. Arrangements with CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

StoneX Financial, Inc.:

Oppenheimer receives remuneration from StoneX Financial, Inc./INTL based on a rate per shares executed of 16 cents per 100 shares. Arrangements with INTL are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

October 2024

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	63.93	9.13	24.62	2.32

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Virtu Americas, LLC	39.64	40.66	36.75	37.46	45.89	16,923.69	13.6168	8,675.42	13.1459	6,165.29	13.3034	205.12	3.9044
CITADEL SECURITIES LLC	37.96	37.33	38.71	38.96	41.73	16,169.61	15.3222	10,098.86	10.8460	6,992.24	14.2957	272.20	3.0141
StoneX Financial, Inc.	14.62	15.12	15.64	14.05	2.89	5,853.38	15.7965	2,214.45	15.7842	1,867.01	15.6511	89.56	16.0000

Material Aspects:

Virtu Americas, LLC:

Oppenheimer receives remuneration from Virtu/NITE based on a rate per shares executed of 14 cents per 100 shares. Arrangements with NITE are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

CITADEL SECURITIES LLC:

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per shares executed of 16 cents per 100 shares. Arrangements with CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

StoneX Financial, Inc.:

Oppenheimer receives remuneration from StoneX Financial, Inc./INTL based on a rate per shares executed of 16 cents per 100 shares. Arrangements with INTL are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

October 2024

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	7.06	8.62	45.61	38.71

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	30.14	49.31	38.91	44.65	7.61	4,369.85	28.3021	16,931.29	40.8160	14,432.74	35.5197	13,584.13	48.3266
Global Execution Brokers, LP	19.38	27.84	27.83	28.36	5.38	3,731.70	27.7884	24,188.35	33.9548	30,962.31	29.3320	25,095.36	44.2779
Wolverine Execution Services, LLC	14.64	20.94	22.32	20.60	4.75	3,754.25	27.6129	18,036.70	38.5597	15,429.15	36.5871	82,514.60	49.4585
NYSE ARCA OPTIONS	4.74	0.00	3.87	2.27	8.70	0.00	0.0000	1,390.79	5.3544	20,547.01	24.2583	-8,931.80	-25.1402
Miami International Securities Exchange, LLC	4.04	0.00	0.19	0.02	10.38	0.00	0.0000	-313.66	-7.8025	-499.36	-34.8225	-3,080.75	-19.2138
Cboe EDGX Exchange, Inc.	3.87	0.00	0.19	0.04	9.92	0.00	0.0000	-823.15	-12.0203	-2,172.81	-28.4473	34,283.09	27.2883
Nasdaq ISE, LLC	3.24	0.00	0.19	0.07	8.25	0.00	0.0000	-1,190.69	-51.0807	-1,922.48	-51.5410	1,566.26	12.1453
Cboe C2 Exchange, Inc.	3.21	0.00	0.30	0.05	8.18	0.00	0.0000	-5,702.21	-49.3826	-3,901.31	-49.2590	12,093.84	12.8558
Cboe Exchange, Inc.	2.76	0.00	0.30	0.06	6.99	0.00	0.0000	-1,997.34	-24.0441	-1,942.86	-35.5835	-6,892.03	-33.5477
Nasdaq MRX, LLC	2.65	0.00	0.44	0.07	6.67	0.00	0.0000	1,000.85	9.9696	-102.42	-1.0829	-120.76	-1.3392
BOX Exchange LLC	2.63	0.00	0.33	0.13	6.56	0.00	0.0000	-142.48	-2.7827	-1,113.86	-17.0654	10,915.36	38.4940

CITADEL SECURITIES LLC:

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per contracts executed. Arrangements with Citadel/CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer receives per contract: \$0.75 for options that quote in nickel increments; \$0.70 for complex orders that quote in nickel increments. For executions of Index options, CDRG does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

Global Execution Brokers, LP:

Oppenheimer receives remuneration from Global Execution/GEBB based on a rate per contracts executed. Arrangements with GEBB are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer receives per contract: \$0.70 for options that quote in nickel increments; \$0.25 for options that quote in penny increments; and, \$0.35 for complex orders that trade in penny increments. For executions of Index options, GEBB does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

Wolverine Execution Services, LLC:

Oppenheimer receives remuneration from Wolverine/WEXX based on a rate per contracts executed. Arrangements with WEXX are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer receives per contract: \$0.70 for options that quote in nickel increments; \$0.25 for options that quote in penny increments; and, \$0.35 for complex orders that trade in penny increments. For executions of Index options, Wolverine does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

NYSE ARCA OPTIONS:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.005; >900,001 is \$0.0015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,001-500,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,001-

Miami International Securities Exchange, LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.025; >900,001 is \$0.035, >900,

Cboe EDGX Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.045; >00.05; 250,001-500,000 is \$0.045; >0.05; 250,001-

Nasdag ISE, LLC

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer sorders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.04; >500,0

Cboe C2 Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; 900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.045; 500,001 is \$0.05; 250,001-500,000 is \$0.05

Choe Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.05; >500,001 is \$0.0

Nasdag MRX, LLC

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.04; >500,0

BOX Exchange LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,000 is

November 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	77.95	5.00	13.13	3.93

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Virtu Americas, LLC	40.61	41.44	36.62	36.87	41.62	4,261.32	14.0000	1,084.20	14.0000	1,116.53	13.9990	63.83	6.7638
CITADEL SECURITIES LLC	40.31	39.24	40.71	43.02	52.08	4,916.36	16.0000	1,162.17	16.0000	1,497.72	16.0000	87.90	8.1772

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
StoneX Financial, Inc.	13.05	13.55	14.95	12.22	3.55	2,353.19	16.0000	327.85	16.0000	377.10	16.0000	67.20	16.0000

Virtu Americas, LLC:

Oppenheimer receives remuneration from Virtu/NITE based on a rate per shares executed of 14 cents per 100 shares. Arrangements with NITE are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

CITADEL SECURITIES LLC

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per shares executed of 16 cents per 100 shares. Arrangements with CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

StoneX Financial, Inc.

Oppenheimer receives remuneration from StoneX Financial, Inc./INTL based on a rate per shares executed of 16 cents per 100 shares. Arrangements with INTL are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

November 2024

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	58.77	10.83	27.78	2.62

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	40.04	39.10	39.88	40.45	57.49	21,237.26	15.6818	12,672.45	14.5273	11,425.57	14.3710	752.03	4.7019
Virtu Americas, LLC	37.87	39.01	35.97	36.41	35.52	19,872.48	13.4694	11,174.72	13.0337	10,095.16	13.6030	232.68	1.5560
StoneX Financial, Inc.	14.20	14.73	15.37	13.73	2.37	7,281.44	15.7992	3,026.03	15.3085	2,633.32	15.3196	102.95	16.0000

Material Aspects:

CITADEL SECURITIES LLC:

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per shares executed of 16 cents per 100 shares. Arrangements with CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

Virtu Americas, LLC:

Oppenheimer receives remuneration from Virtu/NITE based on a rate per shares executed of 14 cents per 100 shares. Arrangements with NITE are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

StoneX Financial, Inc.:

Oppenheimer receives remuneration from StoneX Financial, Inc./INTL based on a rate per shares executed of 16 cents per 100 shares. Arrangements with INTL are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

November 2024

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	6.97	7.55	46.57	38.90

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	32.83	51.40	43.07	48.53	8.71	4,166.83	29.5604	13,019.20	34.8116	15,536.50	37.6114	8,443.63	37.6343
Global Execution Brokers, LP	19.30	27.59	27.05	26.79	7.35	3,051.72	26.3670	21,386.55	30.6450	27,464.50	34.0156	16,022.65	41.8008
Wolverine Execution Services, LLC	14.53	19.64	20.83	19.72	6.19	3,968.60	29.5987	13,632.10	35.2542	15,990.40	36.6626	72,498.40	48.4142
NYSE ARCA OPTIONS	4.25	0.00	0.72	2.23	8.12	0.00	0.0000	-2,468.59	-17.9156	32,571.35	30.1216	2,555.05	12.7682
Cboe EDGX Exchange, Inc.	3.84	0.00	0.39	0.00	9.79	0.00	0.0000	-1,795.56	-19.7662	-50.11	-39.4588	49,534.29	36.5510
Miami International Securities Exchange, LLC	3.83	0.00	0.30	0.00	9.79	0.00	0.0000	-454.16	-8.7439	-16.81	-8.3202	52.22	0.5968
Cboe C2 Exchange, Inc.	3.17	0.00	0.39	0.00	8.06	0.00	0.0000	-7,734.60	-53.8884	-230.26	-49.9478	12,818.34	26.9361
Nasdaq ISE, LLC	2.98	0.00	0.48	0.03	7.54	0.00	0.0000	-2,015.11	-44.3466	-243.79	-52.6536	3,062.98	21.3701
Cboe Exchange, Inc.	2.65	0.00	0.39	0.06	6.66	0.00	0.0000	-4,371.30	-29.9692	-1,895.19	-59.9745	-10,209.94	-38.6462
BOX Exchange LLC	2.56	0.00	0.57	0.00	6.47	0.00	0.0000	-598.15	-5.7261	-140.14	-30.8682	9,351.64	46.5858
Nasdaq MRX, LLC	2.25	0.00	0.45	0.00	5.70	0.00	0.0000	1,969.52	16.4965	-629.81	-34.7193	920.43	24.6433

Material Aspects:

CITADEL SECURITIES LLC:

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per contracts executed. Arrangements with Citadel/CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive or disincentive or disincentive or disincentive or disincentive per contract: \$0.75 for options that quote in nickel increments; \$0.70 for complex orders that quote in nickel increments. For executions of Index options, CDRG does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

Global Execution Brokers, LP:

Oppenheimer receives remuneration from Global Execution/GEBB based on a rate per contracts executed. Arrangements with GEBB are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer receives per contract: \$0.70 for options that quote in nickel increments; \$0.25 for options that quote in penny increments; and, \$0.35 for complex orders that trade in penny increments. For executions of Index options, GEBB does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

Wolverine Execution Services, LLC:

Oppenheimer receives remuneration from Wolverine/WEXX based on a rate per contracts executed. Arrangements with WEXX are not based upon order flow, volume minimums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer receives per contract: \$0.70 for options that quote in nickel increments; \$0.75 for complex orders that quote in nickel increments; \$0.25 for options that quote in penny increments. For executions of Index options, Wolverine does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

NYSE ARCA OPTIONS

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.045; >500,001 is \$0.045; >5

Cboe EDGX Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.04;

Miami International Securities Exchange, LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.05; 250,001-500,000 is \$0.05; 250,000 is \$0.05

Cboe C2 Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.025; >900,001 is \$0.035, >900,

Nasdag ISE, LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.05; >500,001 is \$0.0

Cboe Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.04;

BOX Exchange LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.05; 250,001 is \$0.04; >500,001 is \$0.04; >500,0

Nasdaq MRX, LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.025, >900,001 is \$0.025, >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is

December 2024

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	79.76	4.31	10.95	4.97

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Virtu Americas, LLC	42.96	43.32	41.96	40.65	43.24	6,005.72	14.0000	817.57	14.0000	1,303.56	14.0000	92.18	3.5839
CITADEL SECURITIES LLC	38.90	37.73	39.00	41.47	52.07	6,851.48	16.0000	1,121.95	16.0000	1,250.88	16.0000	140.24	0.5884
StoneX Financial, Inc.	12.74	13.52	13.14	11.17	3.42	2,887.04	16.0000	355.22	16.0000	406.25	16.0000	50.85	16.0000

Material Aspects:

Virtu Americas, LLC:

Oppenheimer receives remuneration from Virtu/NITE based on a rate per shares executed of 14 cents per 100 shares. Arrangements with NITE are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

CITADEL SECURITIES LLC

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per shares executed of 16 cents per 100 shares. Arrangements with CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

StoneX Financial, Inc.:

Oppenheimer receives remuneration from StoneX Financial, Inc./INTL based on a rate per shares executed of 16 cents per 100 shares. Arrangements with INTL are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

December 2024

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	56.25	12.02	29.43	2.30

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Virtu Americas, LLC	40.01	40.67	37.60	38.44	56.35	28,370.57	12.5664	20,253.43	10.5367	14,317.20	11.2855	330.39	1.8074
CITADEL SECURITIES LLC	37.55	36.84	37.85	38.89	36.31	29,836.27	14.2909	21,025.94	11.9665	18,999.32	12.1214	408.86	1.9682
StoneX Financial, Inc.	14.81	15.26	15.95	14.45	2.40	10,559.80	14.9689	6,237.43	13.2123	4,600.32	13.2874	124.91	16.0000

Virtu Americas, LLC:

Oppenheimer receives remuneration from Virtu/NITE based on a rate per shares executed of 14 cents per 100 shares. Arrangements with NITE are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

CITADEL SECURITIES LLC:

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per shares executed of 16 cents per 100 shares. Arrangements with CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e., order types). In addition, such arrangements do not include incentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

StoneX Financial, Inc.:

Oppenheimer receives remuneration from StoneX Financial, Inc./INTL based on a rate per shares executed of 16 cents per 100 shares. Arrangements with INTL are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer does not receive payment for odd lot orders or for stocks priced under \$1.00.

December 2024

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	7.43	8.77	48.70	35.10

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	33.76	51.59	39.93	45.38	12.33	4,162.43	30.0081	17,295.29	42.8919	15,623.24	35.6866	7,688.22	49.1135
Global Execution Brokers, LP	21.96	26.13	31.37	29.23	8.63	3,303.39	32.3703	26,127.28	33.9174	32,086.68	31.9901	20,444.26	43.6694
Wolverine Execution Services, LLC	15.78	19.54	23.79	20.96	5.78	3,319.50	30.2570	18,765.65	40.3554	15,831.20	36.5718	56,609.30	53.6307
Cboe EDGX Exchange, Inc.	3.55	0.00	0.19	0.00	10.05	0.00	0.0000	-538.97	-8.3432	-2.17	-3.5000	50,111.38	35.7227

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
NYSE ARCA OPTIONS	3.41	0.00	0.33	1.41	7.69	0.00	0.0000	-3,267.98	-32.0926	24,618.06	29.5230	-6,109.61	-21.0053
Miami International Securities Exchange, LLC	3.14	0.00	0.22	0.00	8.88	0.00	0.0000	-288.78	-6.0861	-30.28	-4.9876	275.86	2.8616
Nasdaq ISE, LLC	2.93	0.00	0.25	0.02	8.26	0.00	0.0000	-1,917.55	-42.2275	-6.27	-104.5000	3,726.57	21.8209
Cboe C2 Exchange, Inc.	2.43	0.00	0.22	0.00	6.85	0.00	0.0000	-6,703.53	-48.7813	-218.34	-38.7806	10,740.59	22.0641
Cboe Exchange, Inc.	2.34	0.00	0.19	0.19	6.37	0.00	0.0000	-2,683.82	-24.7768	-4,315.02	-36.0727	-13,356.53	-32.3645
BOX Exchange LLC	2.17	0.00	0.33	0.00	6.09	0.00	0.0000	-183.64	-2.3846	6.04	3.8439	12,002.21	50.0948

CITADEL SECURITIES LLC:

Oppenheimer receives remuneration from Citadel/CDRG based on a rate per contracts executed. Arrangements with Citadel/CDRG are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include increments; \$0.25 for options that quote in nickel increments; \$0.75 for options that quote in nickel increments; \$0.35 for complex orders that quote in penny increments. For executions of Index options, CDRG does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

Global Execution Brokers, LP:

Oppenheimer receives remuneration from Global Execution/GEBB based on a rate per contracts executed. Arrangements with GEBB are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer receives per contract: \$0.70 for options that quote in nickel increments; \$0.75 for complex orders that quote in nickel increments; \$0.25 for options that quote in penny increments, and, \$0.35 for complex orders that trade in penny increments. For executions of Index options, GEBB does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

Wolverine Execution Services, LLC:

Oppenheimer receives remuneration from Wolverine/WEXX based on a rate per contracts executed. Arrangements with WEXX are not based upon order flow, volume minimums / maximums, decreased execution quality for increased payment, or the characteristics and categories of the order flow (i.e. order types). In addition, such arrangements do not include incentive or disincentive benchmarks. Oppenheimer receives per contract: \$0.70 for options that quote in nickel increments; \$0.25 for options that quote in penny increments; and, \$0.35 for complex orders that trade in penny increments. For executions of Index options, Wolverine does not pay a fixed rate but will pass through any fess or rebates to Oppenheimer.

Cboe EDGX Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.05; 250,001 is \$0.04; >500,001 is \$0.04; >500,0

NYSE ARCA OPTIONS

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.025; >900,001 is \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001 is \$0.04; >500,001 is \$0.05; 250,001 is \$0.05

Miami International Securities Exchange, LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.04; >500,001 is \$0.04; >500,001 is \$0.04; >500,001 is \$0.05; 250,001 is \$0.05; 250

Nasdag ISE, LLC:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,001 is \$0.04; >500,001 is \$0.05; 250,001 is \$0.04; >500,001 is \$0.04; >500,0

Cboe C2 Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer sorders. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.04; >500,001 is \$0.04; >500,0

Cboe Exchange, Inc.:

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer's orders. DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.045; 500,001 is \$0.045; 500,001

BOX Exchange LL0

Oppenheimer may route orders to Instinet LLC and/or DASH Financial, which will then route to exchanges of their choosing for possible execution. Instinet LLC (INCA): Instinet charges Oppenheimer \$0.015-0.045 per executed contract based on a volume-tiered pricing schedule (0-600,000 is \$0.045; 600,001-900,000 is \$0.025; >900,001 is \$0.0015). Instinet will pass through to Oppenheimer, the Exchange base tier, net exchange fees or rebates from Oppenheimer/sondors. DASH Financial (DFIN): DASH charges Oppenheimer \$0.03-0.05 per executed contract based on a volume-tiered pricing schedule (0-250,000 is \$0.05; 250,001-500,000 is \$0.05; 250,001-500,001-500,001 is \$0.05; 250,001-500