

Market Statistics Report

September 2019

Singapore Exchange

SGX Statistics At A Glance

| | Aug 2019 | Sep 2019 |
|--|------------|------------|
| Number of Trading Days (Securities) | 20 | 21 |
| Securities market Turnover Volume (Million Shares) | 23,795 | 19,935 |
| Securities market Turnover Value (\$Million) | 23,752 | 19,743 |
| Securities Daily Average (\$Million) | 1,188 | 940 |
| Total Number of Listed Securities | 736 | 734 |
| Total Market Capitalisation (\$Million) | 917,440 | 913,977 |
| Overall Turnover Velocity | 38% | 31% |
| Derivatives Volume | 23,557,526 | 19,388,399 |
| Derivatives Daily Average Volume | 1,106,401 | 980,486 |

Securities MarketSecurities Market Turnover (1)

| | | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 (2) | CYTD 2019 (2) | Sep 2018 | YoY% |
|------------------------------|-------------------------|-----------|-----------|----------|----------|----------|---------------|---------------|----------|--------|
| CCV Mainhoard (Ct) | Volume (Million Shares) | 35,684 | 34,882 | 13,713 | 11,165 | 10,004 | 34,882 | 107,360 | 11,554 | -13% |
| SGX Mainboard (S\$) | Value (\$Million) | 60,117 | 59,781 | 21,625 | 20,853 | 17,303 | 59,781 | 173,926 | 16,368 | 6% |
| CCV Mainhoard (Non C¢) | Volume (Million Shares) | 1,044 | 1,550 | 502 | 509 | 539 | 1,550 | 3,617 | 307 | 76% |
| SGX Mainboard (Non S\$) | Value (\$Million) | 3,538 | 4,634 | 1,423 | 1,713 | 1,498 | 4,634 | 12,526 | 1,169 | 28% |
| CCV Cataliat | Volume (Million Shares) | 8,711 | 11,979 | 5,432 | 3,728 | 2,819 | 11,979 | 30,999 | 4,144 | -32% |
| SGX Catalist | Value (\$Million) | 551 | 606 | 275 | 164 | 167 | 606 | 1,663 | 261 | -36% |
| SGX Global Quote | Volume (Million Shares) | 4 | 3 | 1 | 1 | 0 | 3 | 8 | 1 | -47% |
| | Value (\$Million) | 2 | 1 | 1 | 0 | 0 | 1 | 4 | 0 | -32% |
| | Volume (Million Shares) | 131 | 139 | 47 | 55 | 37 | 139 | 374 | 34 | 7% |
| Exchange Traded Funds | Value (\$Million) | 575 | 572 | 189 | 231 | 152 | 572 | 1,599 | 188 | -19% |
| Structured Warrants And | Volume (Million Shares) | 22,744 | 22,889 | 8,478 | 8,128 | 6,283 | 22,889 | 73,876 | 13,678 | -54% |
| Daily Leveraged Certificates | Value (\$Million) | 2,193 | 2,157 | 798 | 769 | 590 | 2,157 | 7,322 | 1,432 | -59% |
| Cananania | Volume (Million Shares) | 65 | 537 | 73 | 209 | 255 | 537 | 1,348 | 165 | 54% |
| Company Warrants | Value (\$Million) | 1 | 55 | 1 | 22 | 32 | 55 | 57 | 0 | 6,495% |
| Total Market Turneyer | Volume (Million Shares) | 68,383 | 71,978 | 28,248 | 23,795 | 19,935 | 71,978 | 217,582 | 29,883 | -33% |
| Total Market Turnover | Value (\$Million) | 66,976 | 67,805 | 24,311 | 23,752 | 19,743 | 67,805 | 197,097 | 19,418 | 2% |
| Cocumities Daily Avenue: | Volume (Million Shares) | 1,121 | 1,125 | 1,228 | 1,190 | 949 | 1,125 | 1,170 | 1,494 | -36% |
| Securities Daily Average | Value (\$Million) | 1,098 | 1,059 | 1,057 | 1,188 | 940 | 1,059 | 1,060 | 971 | -3% |

⁽¹⁾ Includes Primary and Secondary Listed Securities. Due to Operational constraints and system cut-off times, the statistics may not always be able to take into account cancelled trades that occur near the end of the month. The adjusted statistics will instead be carried over to the following month's report.

⁽²⁾ FYTD refers to Financial Year-to-Date, and CYTD refers to Calendar Year-to-Date. Financial Year is between July to June, and Calendar Year is between January to December.

Securities Market Turnover by Country

| | | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|---|-------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Singapore Companies | Volume (Million Shares) | 28,268 | 46,673 | 17,813 | 15,021 | 13,839 | 46,673 | 104,859 | 9,546 | 45% |
| | Value (\$Million) | 51,872 | 53,104 | 19,407 | 18,277 | 15,420 | 53,104 | 150,550 | 13,998 | 10% |
| Overseas Companies (excluding China) | Volume (Million Shares) | 35,081 | 19,076 | 8,470 | 6,004 | 4,602 | 19,076 | 96,884 | 18,891 | -76% |
| | Value (\$Million) | 12,112 | 11,459 | 3,998 | 4,212 | 3,249 | 11,459 | 37,590 | 4,684 | -31% |
| China Companies | Volume (Million Shares) | 5,034 | 6,229 | 1,965 | 2,770 | 1,493 | 6,229 | 15,839 | 1,445 | 3% |
| China Companies | Value (\$Million) | 2,992 | 3,243 | 906 | 1,263 | 1,074 | 3,243 | 8,957 | 736 | 46% |
| Total Market Turnover | Volume (Million Shares) | 68,383 | 71,978 | 28,248 | 23,795 | 19,935 | 71,978 | 217,582 | 29,883 | -33% |
| | Value (\$Million) | 66,976 | 67,805 | 24,311 | 23,752 | 19,743 | 67,805 | 197,097 | 19,418 | 2% |

Securities Market Turnover by Industry Classification Benchmark (ICB)

| | | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|---------------------------|-------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Basic Materials | Volume (Million Shares) | 2,497 | 3,013 | 1,028 | 1,621 | 364 | 3,013 | 8,158 | 1,286 | -72% |
| Dasic Materials | Value (\$Million) | 194 | 217 | 78 | 59 | 80 | 217 | 628 | 95 | -15% |
| Consumar Coods | Volume (Million Shares) | 3,764 | 5,038 | 2,553 | 1,382 | 1,102 | 5,038 | 13,262 | 1,424 | -23% |
| Consumer Goods | Value (\$Million) | 2,905 | 3,120 | 1,089 | 1,236 | 795 | 3,120 | 9,624 | 911 | -13% |
| Canauman Caminas | Volume (Million Shares) | 5,925 | 4,691 | 2,060 | 1,474 | 1,156 | 4,691 | 17,319 | 1,474 | -22% |
| Consumer Services | Value (\$Million) | 6,134 | 5,448 | 2,075 | 1,913 | 1,460 | 5,448 | 17,701 | 1,842 | -21% |
| Financials | Volume (Million Shares) | 13,570 | 13,315 | 4,798 | 4,385 | 4,132 | 13,315 | 38,394 | 2,995 | 38% |
| Financials | Value (\$Million) | 36,519 | 37,741 | 13,047 | 13,113 | 11,581 | 37,741 | 105,268 | 9,089 | 27% |
| Health Care | Volume (Million Shares) | 906 | 995 | 527 | 236 | 232 | 995 | 3,524 | 134 | 72% |
| | Value (\$Million) | 289 | 344 | 143 | 125 | 76 | 344 | 918 | 74 | 3% |
| | Volume (Million Shares) | 9,644 | 11,995 | 4,953 | 3,605 | 3,437 | 11,995 | 30,641 | 4,081 | -16% |
| Industrials | Value (\$Million) | 8,873 | 8,705 | 3,048 | 3,052 | 2,605 | 8,705 | 26,757 | 2,705 | -4% |
| Oil 9 Coo | Volume (Million Shares) | 2,919 | 3,154 | 1,082 | 916 | 1,156 | 3,154 | 13,163 | 3,269 | -65% |
| Oil & Gas | Value (\$Million) | 2,665 | 2,642 | 983 | 912 | 748 | 2,642 | 7,952 | 1,257 | -41% |
| Tl | Volume (Million Shares) | 3,576 | 3,777 | 1,695 | 934 | 1,148 | 3,777 | 9,755 | 621 | 85% |
| Technology | Value (\$Million) | 1,502 | 1,436 | 603 | 454 | 379 | 1,436 | 4,400 | 347 | 9% |
| Talaaaaaaaaiaatiaaa | Volume (Million Shares) | 1,479 | 1,599 | 632 | 579 | 388 | 1,599 | 4,460 | 485 | -20% |
| Telecommunications | Value (\$Million) | 4,515 | 4,995 | 2,115 | 1,749 | 1,131 | 4,995 | 13,185 | 1,358 | -17% |
| Litilities | Volume (Million Shares) | 998 | 712 | 289 | 231 | 192 | 712 | 2,809 | 160 | 20% |
| Utilities | Value (\$Million) | 434 | 320 | 124 | 100 | 96 | 320 | 1,209 | 61 | 56% |
| Total Market Turnaver (3) | Volume (Million Shares) | 45,278 | 48,288 | 19,617 | 15,364 | 13,307 | 48,288 | 141,484 | 15,929 | -16% |
| Total Market Turnover (3) | Value (\$Million) | 64,029 | 64,969 | 23,304 | 22,713 | 18,952 | 64,969 | 187,643 | 17,737 | 7% |

⁽³⁾ Includes Ordinary Shares, Stapled Security and Unit Trusts.

Securities Number of Trades

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|----------------------------|------------|------------|-----------|-----------|-----------|------------|------------|-----------|------|
| SGX Mainboard | 17,838,982 | 17,863,726 | 6,099,918 | 6,206,308 | 5,557,500 | 17,863,726 | 53,148,991 | 5,631,966 | -1% |
| SGX Catalist | 340,720 | 408,376 | 212,980 | 109,026 | 86,370 | 408,376 | 1,001,822 | 136,804 | -37% |
| SGX Global Quote | 592 | 686 | 232 | 278 | 176 | 686 | 1,530 | 138 | 28% |
| Exchange Traded Funds | 50,390 | 70,048 | 18,410 | 31,298 | 20,340 | 70,048 | 165,436 | 17,518 | 16% |
| Company Warrants | 1,178 | 6,232 | 1,132 | 1,492 | 3,608 | 6,232 | 11,742 | 1,084 | 233% |
| Total Number Of Trades (4) | 18,231,862 | 18,349,068 | 6,332,672 | 6,348,402 | 5,667,994 | 18,349,068 | 54,329,521 | 5,787,510 | -2% |

⁽⁴⁾ Includes Buy and Sell Trades.

Married Trades (Net Volume and Value)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|---|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Volume (Million Shares) | 2,586 | 1,832 | 718 | 545 | 570 | 1,832 | 6,719 | 595 | -4% |
| Value (\$Million) | 4,234 | 4,674 | 1,616 | 1,499 | 1,559 | 4,674 | 12,959 | 1,329 | 17% |
| Percentage of Total Securities Market (Volume) | 4% | 3% | 3% | 2% | 3% | 3% | 3% | 2% | |
| Percentage of Total Securities Market (Value) | 6% | 7% | 7% | 6% | 8% | 7% | 7% | 7% | |

CDP Securities Borrowing & Lending Programme

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 |
|--------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Daily Average Outstanding Loan Value | 35,204,048 | 39,677,506 | 42,109,840 | 40,171,261 | 36,653,881 | 39,677,506 | 35,200,067 | 14,139,347 |

Top 5 Securities On Loan Under CDP SBL Programme By Volume and Value

| Stock | Average Daily Volume |
|--------------------------------|----------------------|
| Ezion Holdings Limited | 19,095,200 |
| Ezra Holdings Limited | 14,736,600 |
| Rex International Holding Ltd | 9,290,423 |
| Sembcorp Marine Ltd | 9,106,420 |
| Sino Grandness Food Ind Gp Ltd | 8,669,613 |

| Stock | Average Daily Value (S\$) |
|--------------------------------|---------------------------|
| Sembcorp Marine Ltd | 12,189,397 |
| Best World International Ltd | 6,549,876 |
| Japfa Ltd | 1,228,041 |
| China Everbright Water Limited | 1,133,639 |
| UMS Holdings Limited | 1,125,564 |

Turnover Velocity (5)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 |
|---------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|
| SGX Overall | 38% | 34% | 33% | 38% | 31% | 34% | 36% | 33% |
| SGX Mainboard | 38% | 34% | 34% | 39% | 31% | 34% | 36% | 33% |
| SGX Catalist | 23% | 25% | 29% | 22% | 22% | 25% | 23% | 28% |

⁽⁵⁾ Turnover velocity calculated based on primary listed securities for both market capitalisation and turnover value.

NOTE: FY2019 Q4 refers to Apr – Jun 2019 and FY2020 Q1 refers to Jul – Sep 2019.

STI Constituent Stocks

| | Market Capitalisation (\$Million) | % of Total Trading Value (6) |
|--------------------------------|-----------------------------------|------------------------------|
| Ascendas Real Estate Inv Trust | 9,712 | 4% |
| Capitaland Commercial Trust | 7,984 | 2% |
| Capitaland Limited | 17,782 | 2% |
| Capitaland Mall Trust | 9,701 | 3% |
| City Developments Limited | 8,906 | 2% |
| Comfortdelgro Corporation Ltd | 5,196 | 1% |
| Dairy Farm Int'l Holdings Ltd | 11,781 | 1% |
| DBS Group Holdings Ltd | 63,866 | 9% |
| Genting Singapore Limited | 10,610 | 2% |
| Golden Agri-Resources Ltd | 2,865 | 0% |
| Hongkong Land Holdings Limited | 18,132 | 3% |
| Jardine Cycle & Carriage Ltd | 11,857 | 1% |
| Jardine Matheson Hldgs Ltd | 54,608 | 2% |
| Jardine Strategic Holdings Ltd | 45,771 | 1% |
| Keppel Corporation Limited | 10,773 | 2% |
| Mapletree Commercial Trust | 6,631 | 4% |

STI Constituent Stocks

| Market Capitalisation (\$Million) | % of Total Trading Value (6) |
|-----------------------------------|---|
| 46,890 | 6% |
| 5,412 | 1% |
| 3,718 | 1% |
| 10,832 | 1% |
| 9,071 | 3% |
| 3,317 | 1% |
| 11,974 | 2% |
| 101,404 | 6% |
| 22,225 | 1% |
| 43,096 | 5% |
| 6,324 | 1% |
| 4,415 | 1% |
| 23,629 | 2% |
| 7,776 | 4% |
| 596,258 | 72% |
| | 46,890 5,412 3,718 10,832 9,071 3,317 11,974 101,404 22,225 43,096 6,324 4,415 23,629 7,776 |

⁽⁶⁾ Trading Value of counter as a percentage of Trading Value of Total Securities Market excluding SGX GlobalQuote, Exchange Traded Funds and Company Warrants.

STI and FTSE ST Indices Closing Values

| | Aug 2019 | Sep 2019 | MoM % | Sep 2018 | YoY % |
|---|----------|----------|-------|----------|-------|
| STI | 3,106.52 | 3,119.99 | 0% | 3,257.05 | -4% |
| FTSE ST Catalist | 267.51 | 255.35 | -5% | 360.43 | -29% |
| FTSE ST All-share | 763.44 | 767.36 | 1% | 789.11 | -3% |
| FTSE ST Mid Cap | 725.40 | 733.91 | 1% | 736.86 | 0% |
| FTSE ST Small Cap | 340.13 | 337.65 | -1% | 350.93 | -4% |
| FTSE ST Fledgling | 690.31 | 690.24 | 0% | 775.22 | -11% |
| FTSE ST China | 186.06 | 187.50 | 1% | 206.86 | -9% |
| FTSE ST Real Estate | 854.12 | 865.59 | 1% | 791.28 | 9% |
| FTSE ST Real Estate Holding & Development | 762.84 | 781.44 | 2% | 788.37 | -1% |
| FTSE ST Real Estate Investment Trusts | 917.51 | 925.18 | 1% | 802.97 | 15% |
| FTSE ST Oil & Gas | 290.89 | 295.86 | 2% | 365.41 | -19% |
| FTSE ST Basic Materials | 35.68 | 36.94 | 4% | 43.48 | -15% |
| FTSE ST Industrials | 654.78 | 644.93 | -2% | 752.01 | -14% |
| FTSE ST Consumer Goods | 499.39 | 477.62 | -4% | 426.66 | 12% |
| FTSE ST Health Care | 1,160.45 | 1,169.55 | 1% | 1,342.99 | -13% |
| FTSE ST Consumer Services | 613.86 | 605.90 | -1% | 709.58 | -15% |
| FTSE ST Telecommunications | 793.95 | 776.59 | -2% | 820.15 | -5% |
| FTSE ST Utilities | 242.88 | 248.34 | 2% | 308.45 | -19% |
| FTSE ST Financials | 980.81 | 998.96 | 2% | 983.05 | 2% |
| FTSE ST Technology | 250.41 | 250.74 | 0% | 222.13 | 13% |
| FTSE ST Maritime | 178.64 | 187.26 | 5% | 250.35 | -25% |
| FTSE ST Basic Resources | 33.92 | 34.38 | 1% | 53.07 | -35% |
| FTSE ST Construction & Materials Index | 586.10 | 591.58 | 1% | 620.83 | -5% |
| FTSE ST Industrial Goods & Services Index | 663.62 | 653.31 | -2% | 752.01 | -13% |

| STI and | FTSE ST | Indices C | losing | Values |
|---------|---------|-----------|--------|--------|
|---------|---------|-----------|--------|--------|

| • | Aug 2019 | Sep 2019 | MoM % | Sep 2018 | YoY % | |
|--------------------------------|----------|----------|-------|----------|-------|--|
| FTSE ST Food & Beverage Index | 608.37 | 592.44 | -3% | 517.36 | 15% | |
| FTSE ST Retail Index | 929.92 | 862.59 | -7% | 1,054.65 | -18% | |
| FTSE ST Media Index | 406.37 | 424.95 | 5% | 607.60 | -30% | |
| FTSE ST Travel & Leisure Index | 621.71 | 621.59 | 0% | 679.84 | -9% | |
| FTSE ST Banks Index | 1,215.21 | 1,241.80 | 2% | 1,301.68 | -5% | |
| FTSE ST Financials Services | 627.15 | 647.00 | 3% | 566.35 | 14% | |

Derivatives Market Derivatives Overall Market Volume

| Delivatives over all Market volume | | | | | | | | | |
|--------------------------------------|------------|------------|------------|------------|------------|------------|-------------|------------|-------|
| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
| Total Futures Trading Volume | 61,633,893 | 57,153,205 | 17,371,288 | 21,609,881 | 18,172,036 | 57,153,205 | 175,350,806 | 17,673,956 | 3% |
| Total Futures Open Interest | 3,490,112 | 3,048,181 | 3,486,430 | 3,199,749 | 3,048,181 | 3,048,181 | 3,048,181 | 3,005,621 | 1% |
| Total Options Trading Volume | 4,248,883 | 4,728,034 | 1,566,743 | 1,946,118 | 1,215,173 | 4,728,034 | 12,573,208 | 845,543 | 44% |
| Total Options Open Interest | 3,116,862 | 3,426,928 | 3,319,034 | 3,616,862 | 3,426,928 | 3,426,928 | 3,426,928 | 2,486,826 | 38% |
| Total Swaps Volume | 4,645 | 4,446 | 1,729 | 1,527 | 1,190 | 4,446 | 13,169 | 1,040 | 14% |
| Total Swaps Open Interest | 7,365 | 5,120 | 5,974 | 5,728 | 5,120 | 5,120 | 5,120 | 10,410 | -51% |
| Total Options On Swaps Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Total Options On Swaps Open Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 510 | -100% |
| Total Trading Volume ⁽⁷⁾ | 65,887,421 | 61,885,685 | 18,939,760 | 23,557,526 | 19,388,399 | 61,885,685 | 187,937,183 | 18,520,539 | 5% |
| Total Open Interest | 6,614,339 | 6,480,229 | 6,811,438 | 6,822,339 | 6,480,229 | 6,480,229 | 6,480,229 | 5,503,367 | 18% |
| Average Daily Trading Volume | 1,091,127 | 968,702 | 830,347 | 1,106,401 | 980,486 | 968,702 | 1,026,130 | 984,114 | -0% |
| | | | | | | | | | |

⁽⁷⁾ Futures, Options and Swaps Trading Volume represents the number of contracts traded. NOTE: FY2019 Q4 refers to Apr – Jun 2019 and FY2020 Q1 refers to Jul – Sep 2019.

Derivatives Market Volume By Contract Types Equity Index Futures Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|--|------------|------------|-----------|-----------|-----------|------------|------------|-----------|--------|
| FTSE China A50 Index Futures | 29,602,864 | 22,663,315 | 7,249,930 | 8,861,200 | 6,552,185 | 22,663,315 | 79,816,905 | 7,655,487 | -14% |
| Mini Nikkei 225 Index Futures | 14 | 895 | 0 | 853 | 42 | 895 | 939 | 72,321 | -100% |
| MSCI Australia NTR Index Futures | 105,167 | 126,190 | 17,069 | 25,704 | 83,417 | 126,190 | 314,072 | 33,832 | 147% |
| MSCI China Index Futures | 473 | 756 | 186 | 310 | 260 | 756 | 1,731 | 591 | -56% |
| MSCI China NTR Index Futures | 241,538 | 281,721 | 7,307 | 24,776 | 249,638 | 281,721 | 689,151 | 105,600 | 136% |
| MSCI Hong Kong NTR Index Futures | 3,994 | 6,127 | 0 | 343 | 5,784 | 6,127 | 10,121 | 0 | N.A. |
| MSCI India Index Futures | 95 | 0 | 0 | 0 | 0 | 0 | 655 | 321 | -100% |
| MSCI India NTR Index Futures | 247,212 | 245,404 | 22,616 | 30,734 | 192,054 | 245,404 | 693,510 | 102,962 | 87% |
| MSCI Indonesia Index Futures | 54,155 | 36,963 | 12,189 | 13,268 | 11,506 | 36,963 | 148,871 | 26,006 | -56% |
| MSCI Indonesia NTR Index Futures | 44,901 | 52,246 | 935 | 2,890 | 48,421 | 52,246 | 124,536 | 21,359 | 127% |
| MSCI Japan Index Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,252 | -100% |
| MSCI Japan NTR Index Futures | 189,994 | 167,275 | 29,307 | 19,258 | 118,710 | 167,275 | 509,500 | 88,258 | 35% |
| MSCI Japan NTR (JPY) Index Futures | 449,668 | 203,121 | 18,675 | 184,446 | 0 | 203,121 | 1,097,470 | 501,125 | -100% |
| MSCI Malaysia Index Futures | 4 | 3 | 0 | 0 | 3 | 3 | 47 | 60 | -95% |
| MSCI Malaysia NTR Index Futures | 28,878 | 31,354 | 1,879 | 630 | 28,845 | 31,354 | 92,460 | 1,609 | 1,693% |
| MSCI PSE Philippines Index Futures | 12 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | -100% |
| MSCI Philippines NTR Index Futures | 8,379 | 9,262 | 98 | 355 | 8,809 | 9,262 | 25,915 | 1,705 | 417% |
| MSCI Singapore Index Futures | 2,815,380 | 2,816,587 | 1,022,035 | 1,018,618 | 775,934 | 2,816,587 | 8,011,240 | 748,013 | 4% |
| MSCI Singapore NTR Index Futures | 0 | 0 | 0 | 0 | 0 | 0 | 1,144 | 0 | N.A. |
| MSCI Singapore NTR (USD) Index Futures | 0 | 1,760 | 0 | 0 | 1,760 | 1,760 | 1,760 | 0 | N.A. |
| MSCI Taiwan Index Futures | 5,595,651 | 5,521,061 | 1,739,662 | 2,031,297 | 1,750,102 | 5,521,061 | 15,949,718 | 1,583,896 | 10% |
| MSCI Taiwan NTR Index Futures | 291,837 | 260,793 | 14,163 | 51,133 | 195,497 | 260,793 | 837,267 | 139,839 | 40% |

Equity Index Futures Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|---|------------|------------|------------|------------|------------|------------|-------------|------------|-------|
| MSCI Thailand Index Futures | 153 | 0 | 0 | 0 | 0 | 0 | 308 | 1 | -100% |
| MSCI Thailand NTR Index Futures | 58,305 | 48,810 | 3,030 | 2,452 | 43,328 | 48,810 | 136,460 | 8,135 | 433% |
| Nikkei 225 Index Futures | 5,519,091 | 5,913,356 | 1,542,439 | 2,321,814 | 2,049,103 | 5,913,356 | 16,522,249 | 1,943,625 | 5% |
| Nifty 50 Index Futures | 5,379,771 | 5,860,229 | 1,782,637 | 2,110,557 | 1,967,035 | 5,860,229 | 16,277,324 | 1,861,002 | 6% |
| Nifty Bank Index Futures | 826 | 700 | 59 | 184 | 457 | 700 | 2,007 | 1,883 | -76% |
| MSCI Emerging Markets Index Futures | 114 | 70 | 2 | 43 | 25 | 70 | 433 | 141 | -82% |
| MSCI Emerging Markets NTR Index Futures | 103 | 60 | 25 | 13 | 22 | 60 | 308 | 12 | 83% |
| MSCI Emerging Markets Asia NTR Index Futures | 320,604 | 179,284 | 4,461 | 33,598 | 141,225 | 179,284 | 685,537 | 140,709 | 0% |
| MSCI Emerging Markets Asia ex-Korea NTR Index Futures | 882 | 382 | 22 | 0 | 360 | 382 | 1,264 | 0 | N.A. |
| Straits Times Index Futures | 40 | 6 | 0 | 6 | 0 | 6 | 54 | 2 | -100% |
| USD Nikkei 225 Index Futures | 12 | 18 | 2 | 6 | 10 | 18 | 53 | 0 | N.A. |
| Total | 50,960,117 | 44,427,748 | 13,468,728 | 16,734,488 | 14,224,532 | 44,427,748 | 141,953,033 | 15,040,752 | -5% |

Equity Futures Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|----------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|--------|
| Single Stock Futures | 373,308 | 455,696 | 114,578 | 163,207 | 177,911 | 455,696 | 1,122,947 | 13,823 | 1,187% |
| Total | 373,308 | 455,696 | 114,578 | 163,207 | 177,911 | 455,696 | 1,122,947 | 13,823 | 1,187% |

Dividend Index Futures Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|--|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Nikkei Stock Dividend Pt Index Futures | 19,722 | 26,245 | 2,861 | 15,986 | 7,398 | 26,245 | 64,841 | 3,054 | 142% |
| Total | 19,722 | 26,245 | 2,861 | 15,986 | 7,398 | 26,245 | 64,841 | 3,054 | 142% |

Interest Rates Futures Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|---------------------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Eurodollar Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Euroyen Tibor Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Japanese Government Bond Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Mini Japanese Government Bond Futures | 107,851 | 108,490 | 15,081 | 22,312 | 71,097 | 108,490 | 323,324 | 70,172 | 1% |
| Total | 107,851 | 108,490 | 15,081 | 22,312 | 71,097 | 108,490 | 323,324 | 70,172 | 1% |

Equity Index Options Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|------------------------------|-----------|-----------|-----------|-----------|----------|-----------|-----------|----------|------|
| MSCI Singapore Index Options | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MSCI Taiwan Index Options | 11,100 | 17,100 | 10,500 | 4,100 | 2,500 | 17,100 | 38,670 | 3,750 | -33% |
| Nifty 50 Index Options | 122,417 | 106,153 | 16,786 | 36,189 | 53,178 | 106,153 | 349,920 | 62,340 | -15% |
| Nikkei 225 Index Options | 2,623,643 | 3,111,421 | 1,114,601 | 1,216,562 | 780,258 | 3,111,421 | 8,189,758 | 656,223 | 19% |
| Total | 2,757,160 | 3,234,674 | 1,141,887 | 1,256,851 | 835,936 | 3,234,674 | 8,578,348 | 722,313 | 16% |

Interest Rates Options Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|---------------------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Eurodollar Options | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Euroyen Tibor Options | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Mini Japanese Government Bond Options | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |

Foreign Exchange Futures Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|
| AUD_JPY FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | N.A. |
| AUD_USD FX Futures | 10 | 14 | 0 | 0 | 14 | 14 | 44 | 0 | N.A. |
| CNY_SGD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| CNY_USD FX Futures | 131 | 415 | 64 | 266 | 85 | 415 | 772 | 272 | -69% |
| EUR_CNH FX Futures | 2,709 | 3,225 | 1,090 | 1,269 | 866 | 3,225 | 8,496 | 943 | -8% |
| IDR_USD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| INR_USD FX Futures | 2,911,685 | 4,243,698 | 1,239,300 | 1,599,279 | 1,405,119 | 4,243,698 | 10,457,864 | 1,144,198 | 23% |
| KRW_JPY FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| KRW_USD FX Futures | 107,758 | 134,711 | 41,859 | 52,529 | 40,323 | 134,711 | 338,647 | 15,096 | 167% |
| MYR_SGD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MYR_USD FX Futures | 188 | 0 | 0 | 0 | 0 | 0 | 636 | 128 | -100% |
| PHP_USD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| SGD_CNH FX Futures | 80 | 100 | 20 | 80 | 0 | 100 | 200 | 10 | -100% |
| THB_USD FX Futures | 225 | 187 | 50 | 137 | 0 | 187 | 442 | 0 | N.A. |
| TWD_USD FX Futures | 697 | 913 | 310 | 360 | 243 | 913 | 2,202 | 6 | 3,950% |
| USD_CNH FX Futures | 2,324,094 | 2,587,699 | 803,839 | 965,241 | 818,619 | 2,587,699 | 6,851,575 | 469,757 | 74% |
| USD_CNH FlexC FX Futures | 20 | 0 | 0 | 0 | 0 | 0 | 180 | 0 | N.A. |
| USD_JPY (Standard) FX Futures | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | N.A. |
| USD_JPY (Titan) FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | N.A. |
| USD_SGD FX Futures | 19,710 | 16,024 | 3,878 | 4,732 | 7,414 | 16,024 | 45,639 | 4,717 | 57% |
| Total | 5,367,309 | 6,986,986 | 2,090,410 | 2,623,893 | 2,272,683 | 6,986,986 | 17,706,709 | 1,635,127 | 39% |

Foreign Exchange Options Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|--------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| INR_USD FX Options | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| USD_CNH FX Options | 0 | 165 | 0 | 0 | 165 | 165 | 165 | 0 | N.A. |
| Total | 0 | 165 | 0 | 0 | 165 | 165 | 165 | 0 | N.A. |

SICOM Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|-----------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|-------|
| RSS3 Rubber Futures | 6,676 | 3,895 | 1,272 | 1,337 | 1,286 | 3,895 | 22,927 | 3,117 | -59% |
| TSR 20 Rubber Forward Swaps | 150 | 10 | 10 | 0 | 0 | 10 | 560 | 150 | -100% |
| TSR20 Rubber Futures | 501,901 | 450,797 | 159,370 | 160,105 | 131,322 | 450,797 | 1,451,626 | 143,293 | -8% |
| TSR20 Rubber Options | 382 | 460 | 220 | 200 | 40 | 460 | 842 | 0 | N.A. |
| Total | 509,109 | 455,162 | 160,872 | 161,642 | 132,648 | 455,162 | 1,475,955 | 146,560 | -9% |

Energy Volume

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|-------------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Oil Swaps | 1,334 | 1,348 | 364 | 564 | 419 | 1,347 | 3,813 | 383 | 9% |
| Oil Futures | 693 | 2,278 | 420 | 497 | 1,361 | 2,278 | 4,153 | 303 | 349% |
| Petrochemicals Swaps | 3,046 | 3,029 | 1,355 | 933 | 741 | 3,031 | 8,563 | 507 | 46% |
| Petrochemicals Futures | 3,632 | 3,635 | 1,824 | 1,150 | 661 | 3,635 | 9,888 | 410 | 61% |
| Electricity Futures | 4,651 | 6,706 | 2,158 | 1,683 | 2,865 | 6,706 | 15,600 | 582 | 392% |
| Electricity Futures (Monthly) | 1,421 | 2,779 | 663 | 774 | 1,342 | 2,779 | 6,090 | 136 | 887% |
| Coking Coal Swaps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Coking Coal Futures | 23,490 | 28,171 | 11,820 | 8,860 | 7,491 | 28,171 | 69,291 | 12,010 | -38% |
| Coking Coal Options | 2,700 | 0 | 0 | 0 | 0 | 0 | 3,400 | 0 | N.A. |
| Thermal Coal Swaps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Thermal Coal Futures | 19,500 | 50,000 | 22,100 | 12,700 | 15,200 | 50,000 | 84,200 | 9,300 | 63% |
| Total | 60,467 | 97,945 | 40,704 | 27,161 | 30,080 | 97,947 | 204,998 | 23,631 | 27% |

Metal And Dry Bulk Volume

| • | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|--|-----------|-----------|-----------|-----------|-----------|-----------|------------|----------|------|
| Iron Ore 62% Swaps | 100 | 30 | 0 | 30 | 0 | 30 | 210 | 0 | N.A. |
| Iron Ore 62% Futures | 3,961,906 | 4,242,211 | 1,327,443 | 1,753,470 | 1,161,298 | 4,242,211 | 11,531,612 | 665,859 | 74% |
| Iron Ore Options On Swaps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Iron Ore Options On Futures | 1,440,055 | 1,463,140 | 417,151 | 678,372 | 367,617 | 1,463,140 | 3,876,248 | 111,980 | 228% |
| Iron Ore 58% Swaps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Iron Ore 58% Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Iron Ore 65% Futures | 38,850 | 64,624 | 21,227 | 20,791 | 22,606 | 64,624 | 124,294 | 0 | N.A. |
| Iron Ore Lump Premium Swaps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Iron Ore Lump Premium Futures | 64,090 | 83,390 | 43,700 | 24,780 | 14,910 | 83,390 | 244,810 | 14,430 | 3% |
| HRC Steel Swaps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| HRC Steel Futures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Forward Freight Agreement Swaps | 15 | 30 | 0 | 0 | 30 | 30 | 45 | 0 | N.A. |
| Forward Freight Agreement Futures | 178,776 | 209,554 | 87,633 | 63,848 | 58,073 | 209,554 | 615,461 | 61,588 | -6% |
| Forward Freight Agreement Options On Swaps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Forward Freight Agreement Options On Futures | 48,586 | 29,595 | 7,485 | 10,695 | 11,415 | 29,595 | 114,205 | 11,250 | 1% |
| Total | 5,732,378 | 6,092,574 | 1,904,639 | 2,551,986 | 1,635,949 | 6,092,574 | 16,506,885 | 865,107 | 89% |

Derivatives Market Open Interest By Contract Type Equity Index Futures Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|--|-----------|-----------|----------|----------|----------|----------|-------|
| FTSE China A50 Index Futures | 821,815 | 750,000 | 786,141 | 699,222 | 750,000 | 833,102 | -10% |
| Mini Nikkei 225 Index Futures | 2 | 7 | 1 | 33 | 7 | 391 | -98% |
| MSCI Australia NTR Index Futures | 31,784 | 26,110 | 33,871 | 37,098 | 26,110 | 16,699 | 56% |
| MSCI China Index Futures | 20 | 40 | 10 | 20 | 40 | 14 | 186% |
| MSCI China NTR Index Futures | 90,024 | 97,731 | 91,067 | 88,993 | 97,731 | 76,043 | 29% |
| MSCI Hong Kong NTR Index Futures | 1,926 | 2,862 | 1,926 | 1,650 | 2,862 | 0 | N.A. |
| MSCI India Index Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MSCI India NTR Index Futures | 70,636 | 68,289 | 71,592 | 68,159 | 68,289 | 47,319 | 44% |
| MSCI Indonesia Index Futures | 2,858 | 2,492 | 2,670 | 2,775 | 2,492 | 5,551 | -55% |
| MSCI Indonesia NTR Index Futures | 17,713 | 22,465 | 17,196 | 18,016 | 22,465 | 8,685 | 159% |
| MSCI Japan Index Futures | 0 | 0 | 0 | 0 | 0 | 1,126 | -100% |
| MSCI Japan NTR Index Futures | 80,627 | 68,077 | 82,889 | 94,525 | 68,077 | 73,760 | -8% |
| MSCI Japan NTR (JPY) Index Futures | 203,121 | 0 | 184,446 | 0 | 0 | 206,927 | -100% |
| MSCI Malaysia Index Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MSCI Malaysia NTR Index Futures | 14,969 | 16,190 | 14,463 | 14,403 | 16,190 | 1,507 | 974% |
| MSCI PSE Philippines Index Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MSCI Philippines NTR Index Futures | 3,765 | 4,129 | 3,765 | 3,869 | 4,129 | 904 | 357% |
| MSCI Singapore Index Futures | 160,569 | 158,569 | 190,431 | 161,283 | 158,569 | 141,311 | 12% |
| MSCI Singapore NTR Index Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MSCI Singapore NTR (USD) Index Futures | 0 | 878 | 0 | 0 | 878 | 0 | N.A. |
| MSCI Taiwan Index Futures | 222,894 | 239,034 | 246,312 | 226,656 | 239,034 | 193,895 | 23% |
| MSCI Taiwan NTR Index Futures | 125,513 | 93,536 | 127,643 | 122,499 | 93,536 | 80,952 | 16% |
| MSCI Thailand Index Futures | 0 | 0 | 0 | 0 | 0 | 2 | -100% |
| MSCI Thailand NTR Index Futures | 21,186 | 18,052 | 22,185 | 21,720 | 18,052 | 2,176 | 730% |
| Nikkei 225 Index Futures | 159,552 | 147,496 | 165,397 | 186,915 | 147,496 | 176,843 | -17% |

Equity Index Futures Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Nifty 50 Index Futures | 218,057 | 191,465 | 205,026 | 213,733 | 191,465 | 250,948 | -24% |
| Nifty Bank Index Futures | 0 | 0 | 1 | 5 | 0 | 32 | -100% |
| MSCI Emerging Markets Index Futures | 10 | 10 | 12 | 43 | 10 | 30 | -67% |
| MSCI Emerging Markets NTR Index Futures | 10 | 10 | 15 | 24 | 10 | 5 | 100% |
| MSCI Emerging Markets Asia NTR Index Futures | 152,585 | 93,078 | 155,980 | 162,338 | 93,078 | 82,583 | 13% |
| MSCI Emerging Markets Asia ex-Korea NTR Index Futu | res 98 | 0 | 120 | 120 | 0 | 0 | N.A. |
| Straits Times Index Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| USD Nikkei 225 Index Futures | 1,269 | 891 | 872 | 1,265 | 891 | 481 | 85% |
| Total | 2,401,003 | 2,001,411 | 2,404,031 | 2,125,364 | 2,001,411 | 2,201,286 | -9% |

Equity Futures Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|----------------------|-----------|-----------|----------|----------|----------|----------|------|
| Single Stock Futures | 50,857 | 63,839 | 42,008 | 49,958 | 63,839 | 5,823 | 996% |
| Total | 50,857 | 63,839 | 42,008 | 49,958 | 63,839 | 5,823 | 996% |

Dividend Index Futures Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% | |
|--|-----------|-----------|----------|----------|----------|----------|------|--|
| Nikkei Stock Dividend Pt Index Futures | 21,066 | 23,073 | 20,773 | 23,358 | 23,073 | 18,941 | 22% | |
| Total | 21,066 | 23,073 | 20,773 | 23,358 | 23,073 | 18,941 | 22% | |

Interest Rates Futures Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|---|-----------|-----------|----------|----------|----------|----------|------|
| Eurodollar Futures | 1,450 | 600 | 850 | 850 | 600 | 3,240 | -81% |
| Euroyen Tibor Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Japanese Government Bond Futures Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Mini Japanese Government Bond Futures Futures | 18,288 | 16,646 | 18,022 | 20,579 | 16,646 | 14,547 | 14% |
| Total | 19,738 | 17,246 | 18,872 | 21,429 | 17,246 | 17,787 | -3% |

Equity Index Options Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| MSCI Singapore Index Options | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MSCI Taiwan Index Options | 1,200 | 2,500 | 4,300 | 2,400 | 2,500 | 3,455 | -28% |
| Nifty 50 Index Options | 28,042 | 35,953 | 26,760 | 35,403 | 35,953 | 38,124 | -6% |
| Nikkei 225 Index Options | 1,851,309 | 2,056,478 | 2,028,332 | 2,169,274 | 2,056,478 | 1,800,597 | 14% |
| Total | 1,880,551 | 2,094,931 | 2,059,392 | 2,207,077 | 2,094,931 | 1,842,176 | 14% |

Interest Rates Options Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|---------------------------------------|-----------|-----------|----------|----------|----------|----------|------|
| Eurodollar Options | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Euroyen Tibor Options | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Mini Japanese Government Bond Options | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |

Foreign Exchange Futures Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|-------------------------------|-----------|-----------|----------|----------|----------|----------|-------|
| AUD_JPY FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| AUD_USD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| CNY_SGD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| CNY_USD FX Futures | 54 | 109 | 45 | 88 | 109 | 155 | -30% |
| EUR_CNH FX Futures | 239 | 83 | 105 | 490 | 83 | 159 | -48% |
| IDR_USD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| INR_USD FX Futures | 78,007 | 78,247 | 83,046 | 55,571 | 78,247 | 29,043 | 169% |
| KRW_JPY FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| KRW_USD FX Futures | 7,412 | 6,584 | 10,502 | 11,912 | 6,584 | 5,718 | 15% |
| MYR_SGD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| MYR_USD FX Futures | 43 | 0 | 0 | 0 | 0 | 12 | -100% |
| PHP_USD FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| SGD_CNH FX Futures | 0 | 0 | 0 | 0 | 0 | 10 | -100% |
| THB_USD FX Futures | 10 | 5 | 20 | 15 | 5 | 0 | N.A. |
| TWD_USD FX Futures | 198 | 5 | 30 | 238 | 5 | 0 | N.A. |
| USD_CNH FX Futures | 59,235 | 54,379 | 49,434 | 56,019 | 54,379 | 37,466 | 45% |
| USD_CNH FlexC FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| USD_JPY (Standard) FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| USD_JPY (Titan) FX Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| USD_SGD FX Futures | 1,564 | 1,834 | 1,713 | 1,687 | 1,834 | 1,636 | 12% |
| Total | 146,762 | 141,246 | 144,895 | 126,020 | 141,246 | 74,199 | 90% |

Foreign Exchange Options Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|--------------------|-----------|-----------|----------|----------|----------|----------|------|
| INR_USD FX Options | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| USD_CNH FX Options | 0 | 135 | 0 | 0 | 135 | 0 | N.A. |
| Total | 0 | 135 | 0 | 0 | 135 | 0 | N.A. |

SICOM Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|----------------------------|-----------|-----------|----------|----------|----------|----------|-------|
| RSS3 Rubber Futures | 1,356 | 1,624 | 1,533 | 1,507 | 1,624 | 5,084 | -68% |
| TSR20 Rubber Forward Swaps | 20 | 0 | 0 | 0 | 0 | 390 | -100% |
| TSR20 Rubber Futures | 74,694 | 69,689 | 66,799 | 65,142 | 69,689 | 93,387 | -25% |
| TSR20 Rubber Options | 221 | 180 | 280 | 320 | 180 | 0 | N.A. |
| Total | 76,291 | 71,493 | 68,612 | 66,969 | 71,493 | 98,861 | -28% |

Energy Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|-------------------------------|-----------|-----------|----------|----------|----------|----------|------|
| Oil Swaps | 579 | 411 | 517 | 600 | 411 | 330 | 25% |
| Oil Futures | 280 | 1,186 | 449 | 663 | 1,186 | 270 | 339% |
| Petrochemicals Swaps | 1,436 | 1,344 | 1,672 | 1,558 | 1,344 | 1,211 | 11% |
| Petrochemicals Futures | 4,476 | 3,972 | 4,524 | 4,087 | 3,972 | 3,130 | 27% |
| Electricity Futures | 1,792 | 1,578 | 1,491 | 1,541 | 1,578 | 1,316 | 20% |
| Electricity Futures (Monthly) | 233 | 650 | 298 | 436 | 650 | 92 | 607% |
| Coking Coal Swaps | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Coking Coal Futures | 24,060 | 24,701 | 25,500 | 25,405 | 24,701 | 19,411 | 27% |
| Coking Coal Options | 2,700 | 750 | 2,050 | 1,400 | 750 | 150 | 400% |
| Thermal Coal Swaps | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Thermal Coal Futures | 2,000 | 12,800 | 13,100 | 7,200 | 12,800 | 3,000 | 327% |
| Total | 37,556 | 47,392 | 49,601 | 42,890 | 47,392 | 28,910 | 64% |

Metal And Dry Bulk Month-End Open Interest

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Iron Ore 62% Swaps | 4,760 | 3,080 | 3,300 | 3,210 | 3,080 | 7,201 | -57% |
| Iron Ore 62% Futures | 599,325 | 553,843 | 592,650 | 612,527 | 553,843 | 449,489 | 23% |
| Iron Ore Options On Swaps | 0 | 0 | 0 | 0 | 0 | 510 | -100% |
| Iron Ore Options On Futures | 1,106,747 | 1,210,946 | 1,135,663 | 1,289,430 | 1,210,946 | 545,635 | 122% |
| Iron Ore 58% Swaps | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Iron Ore 58% Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Iron Ore 65% Futures | 9,750 | 11,050 | 13,497 | 12,281 | 11,050 | 0 | N.A. |
| Iron Ore Lump Premium Swaps | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Iron Ore Lump Premium Futures | 18,880 | 11,160 | 25,105 | 14,920 | 11,160 | 10,080 | 11% |
| HRC Steel Swaps | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| HRC Steel Futures | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Forward Freight Agreement Swaps | 570 | 285 | 485 | 360 | 285 | 1,278 | -78% |
| Forward Freight Agreement Futures | 113,840 | 109,113 | 110,905 | 107,911 | 109,113 | 102,326 | 7% |
| Forward Freight Agreement Options On Swaps | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Forward Freight Agreement Options On Futures | 126,643 | 119,986 | 121,649 | 118,635 | 119,986 | 98,865 | 21% |
| Total | 1,980,515 | 2,019,463 | 2,003,254 | 2,159,274 | 2,019,463 | 1,215,384 | 66% |

Depository ServicesDistinct Clients (9)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|----------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| Number of Distinct Clients | 130,990 | 133,716 | 77,950 | 82,678 | 58,350 | 133,716 | 209,813 | 68,028 | -14% |

⁽⁹⁾ Distinct Clients represent the number of unique trading accounts participating in the market.

Each account is reflected as one count regardless of number of transactions made.

Issuer Services Number of Listings (month-end)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 |
|--|-----------|-----------|----------|----------|----------|----------|
| SGX Mainboard | 520 | 516 | 521 | 518 | 516 | 534 |
| - Primary Listings | 489 | 485 | 490 | 487 | 485 | 503 |
| - Secondary Listings | 31 | 31 | 31 | 31 | 31 | 31 |
| - IPOs | 2 | 1 | 1 | 0 | 0 | 0 |
| - Delistings | 6 | 5 | 0 | 3 | 2 | 1 |
| SGX Catalist | 218 | 218 | 219 | 218 | 218 | 211 |
| - Primary Listings | 218 | 218 | 219 | 218 | 218 | 211 |
| - Secondary Listings | 0 | 0 | 0 | 0 | 0 | 0 |
| - IPOs | 2 | 1 | 1 | 0 | 0 | 1 |
| - Delistings | 2 | 1 | 0 | 1 | 0 | 0 |
| Total Number of Listed Securities (10) | 738 | 734 | 740 | 736 | 734 | 745 |
| SGX Global Quote | 40 | 41 | 41 | 41 | 41 | 40 |
| RTOs into Existing Vehicles | 2 | 0 | 0 | 0 | 0 | 0 |

Number of Listings By Industry Classification Benchmark (ICB)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 |
|-----------------------------------|-----------|-----------|----------|----------|----------|----------|
| Basic Materials | 59 | 58 | 58 | 58 | 58 | 63 |
| Consumer Goods | 86 | 85 | 86 | 85 | 85 | 88 |
| Consumer Services | 82 | 83 | 83 | 83 | 83 | 82 |
| Financials | 125 | 125 | 126 | 126 | 125 | 124 |
| Health Care | 30 | 30 | 30 | 30 | 30 | 28 |
| Industrials | 246 | 240 | 246 | 241 | 240 | 249 |
| Oil & Gas | 38 | 38 | 38 | 38 | 38 | 39 |
| Technology | 55 | 55 | 55 | 55 | 55 | 55 |
| Telecommunications | 3 | 3 | 3 | 3 | 3 | 4 |
| Utilities | 8 | 8 | 8 | 8 | 8 | 8 |
| Total Number of Listed Securities | 732 | 725 | 733 | 727 | 725 | 740 |

| Listed Companies by Locale | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 |
|--|-----------|-----------|----------|----------|----------|----------|
| Singapore Companies | 478 | 476 | 480 | 477 | 476 | 482 |
| Overseas Companies (excluding China) | 168 | 163 | 163 | 163 | 163 | 162 |
| China Companies | 97 | 95 | 97 | 96 | 95 | 101 |
| Total Number of Listed Securities (10) | 743 | 734 | 740 | 736 | 734 | 745 |

⁽¹⁰⁾ Exclude GDRs, Hedge Funds and Debt Securities.

| Listings by Securities Type | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 |
|-----------------------------|-----------|-----------|----------|----------|----------|----------|
| Company Warrants | 44 | 46 | 46 | 47 | 46 | 51 |
| Exchange Traded Funds | 51 | 51 | 51 | 51 | 51 | 52 |
| Structured Warrants | 146 | 151 | 151 | 155 | 151 | 117 |

[#] Numbers are restated with effect from Aug 2019.

Funds Raised Through IPOs and RTOs (\$Million)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|---------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|-------|
| SGX Mainboard | 1,450 | 835 | 835 | 0 | 0 | 835 | 2,285 | 0 | N.A. |
| SGX Catalist | 22 | 10 | 10 | 0 | 0 | 10 | 70 | 13 | -100% |

NOTE: FY2019 Q4 refers to Apr – Jun 2019 and FY2020 Q1 refers to Jul – Sep 2019. Funds raised does not include the overallotment option, if exercised.

Debt SecuritiesTotal Outstanding Bond Listings

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|-------------|-----------|-----------|----------|----------|----------|----------|------|
| Bonds/Notes | 3,830 | 4,007 | 3,938 | 4,023 | 4,007 | 3,329 | 20% |

Number of New Bond Listings

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 | YoY% |
|----------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------|
| New Bond Listings | 237 | 270 | 128 | 92 | 50 | 270 | 783 | 56 | -11% |
| Amount Issued (\$ Million) | 101,773 | 124,823 | 61,353 | 39,451 | 24,019 | 124,822 | 360,173 | 24,441 | -2% |

NOTE: Dec 2018 numbers have been restated to include re-taps.

Percentage of Bond Listings by Local and Foreign Issuers

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 |
|---------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|
| Local | 13% | 9% | 8% | 2% | 24% | 9% | 10% | 20% |
| Foreign | 87% | 91% | 92% | 98% | 76% | 91% | 90% | 80% |

Percentage of SGD and Non SGD Denominated Bond Listings

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | FYTD 2020 | CYTD 2019 | Sep 2018 |
|---------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|
| SGD Denominated | 8% | 5% | 4% | 1% | 14% | 5% | 7% | 18% |
| Non SGD Denominated | 92% | 95% | 96% | 99% | 86% | 95% | 93% | 82% |

Top Issues by Amount Issued

| Bond Issuer | Amount Issued (Million) | Description |
|---|-------------------------|---|
| Bangkok Bank Public Company Limited / HK Branch | USD 1,200 | US\$1,200,000,000 3.733% Fixed Rate Subordinated Notes Due 2034 |
| Longfor Group Holdings Limited | USD 850 | US\$850,000,000 3.95% Fixed Rate Senior Notes Due 2029 |
| CK Hutchison International Limited | USD 750 | US\$750,000,000 3.375% Guaranteed Notes Due 2049 |
| Origin Energy Finance Limited | EUR 600 | EUR600,000,000 1% Notes Due 2029 |
| Mizuho Financial Group, Inc. | USD 600 | US\$600,000,000 Senior Fixed To Floating Rate Notes Due 2025 |

Month End Market Capitalisation (S\$Million)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|---|-----------|-----------|----------|----------|----------|----------|------|
| Primary Listed | | | | | | | |
| SGX Mainboard | 645,820 | 623,168 | 648,834 | 619,721 | 623,168 | 633,069 | -2% |
| - Singapore Companies | 529,372 | 511,837 | 531,281 | 507,097 | 511,837 | 519,092 | -1% |
| - Overseas Companies (excluding China) | 94,094 | 93,121 | 96,041 | 94,153 | 93,121 | 91,353 | 2% |
| - China Companies | 22,354 | 18,210 | 21,512 | 18,472 | 18,210 | 22,624 | -20% |
| SGX Catalist | 9,899 | 9,364 | 10,053 | 9,506 | 9,364 | 11,776 | -20% |
| - Singapore Companies | 7,255 | 6,899 | 7,451 | 6,990 | 6,899 | 8,654 | -20% |
| - Overseas Companies (excluding China) | 2,299 | 2,110 | 2,228 | 2,173 | 2,110 | 2,763 | -24% |
| - China Companies | 346 | 355 | 374 | 342 | 355 | 359 | -1% |
| Total Market Capitalisation for Primary Listed Securities | 655,719 | 632,532 | 658,887 | 629,227 | 632,532 | 644,844 | -2% |
| Secondary Listed | | | | | | | |
| SGX Mainboard | 325,681 | 281,445 | 319,279 | 288,213 | 281,445 | 329,953 | -15% |
| - Singapore Companies | 28 | 33 | 31 | 33 | 33 | 13 | 146% |
| - Overseas Companies (excluding China) | 325,551 | 281,327 | 319,158 | 288,092 | 281,327 | 329,899 | -15% |
| - China Companies | 102 | 85 | 89 | 88 | 85 | 41 | 108% |
| SGX Catalist | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| - Singapore Companies | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| - Overseas Companies (excluding China) | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| - China Companies | 0 | 0 | 0 | 0 | 0 | 0 | N.A. |
| Total Market Capitalisation For Secondary Listed Securities | 325,681 | 281,445 | 319,279 | 288,213 | 281,445 | 329,953 | -15% |
| Total Market Capitalisation (11) | 981,400 | 913,977 | 978,166 | 917,440 | 913,977 | 974,797 | -6% |

⁽¹¹⁾ Total Market Capitalisation of Listed Securities.

Month-end Market Capitalisation (\$Million) by Industry Classification Benchmark (ICB)

| | FY2019 Q4 | FY2020 Q1 | Jul 2019 | Aug 2019 | Sep 2019 | Sep 2018 | YoY% |
|-----------------------------|-----------|-----------|-----------|----------|----------|----------|------|
| Basic Materials | 6,964 | 6,510 | 6,973 | 6,604 | 6,510 | 8,156 | -20% |
| Consumer Goods | 67,083 | 66,769 | 68,853 | 68,314 | 66,769 | 60,957 | 10% |
| Consumer Services | 87,926 | 80,332 | 87,974 | 82,167 | 80,332 | 95,352 | -16% |
| Financials | 494,846 | 472,596 | 500,237 | 467,321 | 472,596 | 484,246 | -2% |
| Health Care | 35,771 | 34,796 | 35,483 | 35,072 | 34,796 | 35,707 | -3% |
| Industrials | 183,285 | 156,807 | 176,869 | 161,125 | 156,807 | 184,075 | -15% |
| Oil & Gas | 22,342 | 19,536 | 21,322 | 19,200 | 19,536 | 26,240 | -26% |
| Technology | 7,992 | 8,214 | 8,027 | 8,215 | 8,214 | 7,402 | 11% |
| Telecommunications | 117,894 | 104,539 | 112,113 | 110,792 | 104,539 | 59,124 | 77% |
| Utilities | 6,648 | 6,660 | 6,624 | 6,460 | 6,660 | 6,530 | 2% |
| Total Market Capitalisation | 1,030,751 | 956,759 | 1,024,477 | 965,269 | 956,759 | 967,789 | -1% |

Top 15 Companies by Market Capitalisation (as at month-end)

| Counter Name | Closing Price | Market Capitalisation (\$million) |
|--------------------------------|---------------|-----------------------------------|
| DBS Group Holdings Ltd | SGD 25.00 | 63,866 |
| Jardine Matheson Hldgs Ltd | USD 53.50 | 54,608 |
| Prudential Plc | USD 15.00 | 53,911 |
| Singtel | SGD 3.10 | 50,620 |
| Oversea-Chinese Banking Corp | SGD 10.86 | 46,890 |
| Jardine Strategic Hldgs Ltd | USD 29.88 | 45,771 |
| United Overseas Bank Ltd | SGD 25.66 | 43,096 |
| Wilmar International Limited | SGD 3.73 | 23,629 |
| Thai Beverage Public Co Ltd | SGD 0.89 | 22,225 |
| Hongkong Land Holdings Limited | USD 5.62 | 18,132 |
| Capitaland Limited | SGD 3.53 | 17,782 |
| IHH Healthcare Berhad | SGD 1.84 | 16,144 |
| Singapore Tech Engineering Ltd | SGD 3.84 | 11,974 |
| Jardine Cycle & Carriage Ltd | SGD 30.00 | 11,857 |
| Dairy Farm Int'l Holdings Ltd | USD 6.30 | 11,781 |

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