

CME Group Schedule 5: Fee Schedule (2017)

CME GROUP

| Annual Data Distribution License | Notes | CME | CBOT | NYMEX | COMEX |
|----------------------------------|---------|----------|----------|----------|----------|
| Real Time | (1, 1a) | \$12,000 | \$12,000 | \$12,000 | \$12,000 |
| Delayed | (1, 1a) | \$12,000 | \$12,000 | \$12,000 | \$12,000 |
| End of Day | | \$0 | \$0 | \$0 | \$0 |

| Monthly Non- Display Fees | Notes | CME | CBOT | NYMEX | COMEX |
|---|------------------|-------|-------|-------|-------|
| Category A: Automated Trading Systems | (25, 28) | \$670 | \$670 | \$670 | \$670 |
| Category A: User Non-Display | (26, 28, 29, 31) | \$375 | \$375 | \$375 | \$375 |
| Category B: Internal Order Processing | (25) | \$670 | \$670 | \$670 | \$670 |
| Category C: Other Internal Non- Display | | \$0 | \$0 | \$0 | \$0 |

| Monthly User/Device Fees | Notes | CME | CBOT | NYMEX | COMEX |
|---|--------------|--------|--------|--------|--------|
| Real Time: Professional | (3, 4, 21*) | \$85 | \$85* | \$85 | \$85 |
| Real Time: Non-Professional Market-Depth | (22) | \$5 | \$5 | \$5 | \$5 |
| Real Time: Non-Professional Market-Depth BUNDLE | (22) | \$15 | | | |
| Real Time: Non-Professional Top-Of-Book | (23) | \$1 | \$1 | \$1 | \$1 |
| Real Time: Non-Professional Top-Of-Book BUNDLE | (23) | \$3 | | | |
| Real Time E-mini | (5) | \$40 | \$20 | \$30 | \$20 |
| Real Time Per Quote | (6) | \$0.02 | \$0.02 | \$0.02 | \$0.02 |
| Delayed Continuous/Snapshot | | \$0 | \$0 | \$0 | \$0 |
| End of Day | | \$0 | \$0 | \$0 | \$0 |
| Category A: Managed User Non- Display | (27, 28, 30) | \$170 | \$170 | \$170 | \$170 |
| Real Time Member/Member Firm Device | (33,34) | \$0 | \$0 | \$0 | \$0 |
| Real Time Asia Initiative User/Device | (35) | \$0 | \$0 | \$0 | \$0 |

| Monthly Access Fees | Notes | CME | CBOT | NYMEX | COMEX |
|----------------------------------|-------|----------|----------|----------|----------|
| Sub-vendor Access Real Time | (17) | \$375 | \$375 | \$375 | \$375 |
| Sub-vendor Access Delayed | (17) | \$187.50 | \$187.50 | \$187.50 | \$187.50 |
| Sub-vendor Access-EOD | (17) | \$0 | \$0 | \$0 | \$0 |
| Subscriber Site Access Real Time | (17) | \$375 | \$375 | \$375 | \$375 |
| Subscriber Site Access Delayed | (17) | \$187.50 | \$187.50 | \$187.50 | \$187.50 |
| Subscriber Site Access-EOD | (17) | \$0 | \$0 | \$0 | \$0 |

| Monthly Public Web Site Display Fees | Notes | CME | CBOT | NYMEX | COMEX |
|---------------------------------------|-----------|-------|-------|-------|-------|
| Direct Web Site Real Time | (7,8,9) | N/A | N/A | N/A | N/A |
| Direct Web Site Delayed | (1,7,8,9) | \$100 | \$100 | \$100 | \$100 |
| Direct Web Site End of Day | (7) | \$0 | \$0 | \$0 | \$0 |
| Web-hosted Site Real Time | (7,8,9) | N/A | N/A | N/A | N/A |
| Web-hosted Site Delayed | (7,9,11) | \$100 | \$100 | \$100 | \$100 |
| Web Site (Direct & Hosted) End of Day | (7) | \$0 | \$0 | \$0 | \$0 |

| Other Licenses | Notes | CME | CBOT | NYMEX | COMEX |
|---|---------|------------------|------------------|------------------|------------------|
| Historical Redistribution | | \$0 | \$0 | \$0 | \$0 |
| Real Time Widget & Gadget | (14,20) | N/A | N/A | N/A | N/A |
| Delayed Widget & Gadget | (14,20) | \$0 | \$0 | \$0 | \$0 |
| Real Time Mobile Application | (14,20) | N/A | N/A | N/A | N/A |
| Delayed Mobile Application | (20) | see note | see note | see note | see note |
| Intellectual Property Creation (Derived Data) | | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange |
| Media Redistribution | | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange |

| Other Monthly Fees | Notes | CME | CBOT | NYMEX | COMEX |
|------------------------------|-------|-------|-------|-------|-------|
| Wallboard Real Time | (18) | \$250 | \$250 | \$250 | \$250 |
| Wallboard Delayed | (18) | \$100 | \$100 | \$100 | \$100 |
| Wallboard-End of Day | (18) | \$0 | \$0 | \$0 | \$0 |
| Information Board Real Time | (15) | N/A | N/A | N/A | N/A |
| Information Board Delayed | (15) | \$0 | \$0 | \$0 | \$0 |
| Information Board-End of Day | (15) | \$0 | \$0 | \$0 | \$0 |

Information Source

| Annual Data Distribution License | Notes | S&P Base | S&P Complete | S&P Promotional | DME | CME CF BRR | CME CF Real Time Index |
|----------------------------------|----------|----------|--------------|-----------------|---------|------------|------------------------|
| Real Time | (14, 32) | \$6,000 | \$6,000 | Waived | \$9,000 | Waived | Waived |
| Delayed | (14, 32) | \$6,000 | \$6,000 | Waived | \$9,000 | Waived | Waived |
| End of Day | (14, 32) | N/A | N/A | N/A | \$0 | Waived | Waived |

| Monthly Non-Display Fees | Notes | S&P Base | S&P Complete | S&P Promotional | DME | CME CF BRR | CME CF Real Time Index |
|---|----------------|----------|--------------|-----------------|-------|------------|------------------------|
| Category A: Non-Display | (25, 28) | \$1,150 | \$1,400 | N/A | \$670 | N/A | \$0 |
| Category A: User Non-Display | (26,28,29, 31) | N/A | N/A | N/A | \$375 | N/A | \$0 |
| Category A: Automated Trading Systems: Delayed | | \$575 | \$700 | N/A | N/A | N/A | N/A |
| Category B: Non-Display Internal Order Processing | (25) | N/A | N/A | N/A | \$670 | \$0 | \$0 |
| Category C: Non-Display Internal Usage | | \$0 | \$0 | N/A | \$0 | \$0 | \$0 |

| Monthly User/Device Fees | Notes | S&P Base | S&P Complete | S&P Promotional | DME | CME CF BRR | CME CF Real Time Index |
|--|-------------|----------|--------------|-----------------|--------|------------|------------------------|
| Real Time | (4,13, 32) | \$3 | \$4 | Waived | \$50 | N/A | \$0 |
| Real Time: Non-Professional Market Depth | (4,22) | N/A | N/A | N/A | \$5 | N/A | N/A |
| Real Time: Non-Professional Top-Of-Book | (4,23) | N/A | N/A | N/A | \$1 | N/A | N/A |
| Real Time Per Quote | (6,13) | N/A | N/A | N/A | \$0.02 | N/A | N/A |
| Delayed Snapshot | (13,16, 32) | \$2 | \$3 | Waived | \$0 | N/A | \$0 |
| Delayed Continuous | (13,16, 32) | \$2 | \$3 | Waived | \$0.35 | N/A | \$0 |
| End of Day | | N/A | N/A | N/A | \$0 | \$0 | N/A |
| Category A: Managed User Non-Display | | N/A | N/A | N/A | \$170 | N/A | \$0 |
| Real Time Member/Member Firm Device | 3, 33,34 | N/A | N/A | N/A | \$0 | N/A | N/A |

| Monthly Access Fees | Notes | S&P Base | S&P Complete | S&P Promotional | DME | CME CF BRR | CME CF Real Time Index |
|----------------------------------|-------|----------|--------------|-----------------|-------|------------|------------------------|
| Sub-vendor Access Real Time | (17) | \$250 | \$250 | \$0 | \$300 | N/A | \$0 |
| Sub-vendor Access Delayed | (17) | \$150 | \$150 | \$0 | \$150 | N/A | \$0 |
| Sub-vendor Access-EOD | (17) | N/A | N/A | N/A | \$0 | \$0 | N/A |
| Subscriber Site Access Real Time | (17) | \$250 | \$250 | \$0 | \$300 | N/A | \$0 |
| Subscriber Site Access Delayed | (17) | \$150 | \$150 | \$0 | \$150 | N/A | \$0 |
| Subscriber Site Access-EOD | (17) | N/A | N/A | N/A | \$0 | \$0 | N/A |

| Monthly Public Web Site Display Fees | Notes | S&P Base | S&P Complete | S&P Promotional | DME | CME CF BRR | CME CF Real Time Index |
|--------------------------------------|-------------|----------|--------------|-----------------|-------|------------|------------------------|
| Direct Web Site Real Time | (7,8, 32) | \$1,000 | \$1,500 | Waived | N/A | N/A | \$0 |
| Direct Web Site Delayed | (7,8, 32) | \$500 | \$750 | Waived | \$100 | N/A | \$0 |
| Direct Website-End of Day | (7,8) | N/A | N/A | N/A | \$0 | \$0 | N/A |
| Web-hosted Site Real Time | (7,11) | N/A | N/A | N/A | N/A | N/A | \$0 |
| Web-hosted Site Delayed | (7,9,10,11) | Tiered | Tiered | N/A | \$100 | N/A | \$0 |
| Web-hosted Sites End of Day | (7,9,10,11) | N/A | N/A | N/A | \$0 | \$0 | N/A |

| Other Licenses | Notes | S&P Base | S&P Complete | S&P Promotional | DME | CME CF BRR | CME CF Real Time Index |
|---|----------|------------------|------------------|------------------|------------------|------------------|------------------------|
| Real Time Intranet | (19, 32) | \$11,000 | \$14,000 | Waived | see note | \$0 | N/A |
| Delayed Intranet | (19, 32) | \$5,500 | \$7,000 | Waived | see note | \$0 | N/A |
| Historical Redistribution | | N/A | N/A | N/A | \$0 | N/A | N/A |
| Real Time Widget/Gadget/ Application | (14, 32) | \$9,000 | \$9,500 | Waived | N/A | N/A | \$0 |
| Delayed Widget/Gadget/ Application | (14, 32) | \$6,000 | \$7,000 | Waived | \$0 | N/A | \$0 |
| Real Time Mobile Application | (20, 32) | \$19,800 | \$23,700 | Waived | N/A | N/A | \$0 |
| Delayed Mobile Application | (20, 32) | \$9,900 | \$11,850 | Waived | see note | N/A | \$0 |
| Intellectual Property Creation License (Derived Data) | | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange |
| Media Publication License | | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange | Contact Exchange |

| Other Monthly Fees | Notes | S&P Base | S&P Complete | S&P Promotional | DME | CME CF BRR | CME CF Real Time Index |
|------------------------------|----------|----------|--------------|-----------------|-------|------------|------------------------|
| Wallboard Real Time | (18, 32) | \$750 | \$1,000 | Waived | \$250 | N/A | \$0 |
| Wallboard Delayed | (18, 32) | \$375 | \$500 | Waived | \$100 | N/A | \$0 |
| Wallboard End of Day | (18) | N/A | N/A | N/A | \$0 | \$0 | N/A |
| Information Board Real Time | (15, 32) | \$500 | \$750 | Waived | N/A | N/A | \$0 |
| Information Board Delayed | (15, 32) | \$200 | \$300 | Waived | \$0 | N/A | \$0 |
| Information Board End of Day | (15) | N/A | N/A | N/A | \$0 | \$0 | N/A |

Notes:

- Annual License Fees are prorated based on start date of service to end of first calendar year; fee is payable on January 31 each year or on effective date of contract for new Distributors. License fees applicable per exchange for real time and delayed distribution per Distributor's Group. License Fee covers the display of delayed information (CME, CBOT, NYMEX, COMEX & DME) on one direct Distributor Group Web Site, subject to Market Data

Policies. If data is used internally only, license fees may not apply.

(a) Distributor may elect to pay the Annual License fees in equal monthly instalments by enrolling in the auto-debit program.

- Payable per Distributor granted the applicable rights by CME.
- Fees apply in accordance with Market Data Policies to all Services, per Unit of Count and are assessed on a monthly basis.

4. Fees cover all contracts (pit traded and electronic).
5. Entitlements for E-mini packages are limited to specific E-mini contracts only for CBOT, CME, NYMEX and COMEX (Please contact exchange for full list of E-mini contracts).
6. Per Quote/Request is a delivery mechanism and a unit of count as outlined in Schedule 4. Per Quote pricing is available only where indicated on Schedule 5 and for Distributors who qualify.
7. Display of data on a public website is at CME's sole discretion and available to any Distributor that meets the conditions specified in the Market Data Policies.
8. Fees apply per Web Site displaying information on the public internet, subject to Market Data Policies. Public Internet Display of Streaming Real Time Data is permitted for S&P Index Data only. Real Time CME, CBOT, NYMEX, COMEX and DME may be distributed to registered users only, subject to password or similar controls, but Distribution License Fees and User Fees apply. See Schedule 4, Market Data Policies.
9. Web Sites and Web-hosted Sites must be reported in accordance with Market Data Policies.
10. Delayed Web-Hosted Sites Pricing- S&P Web sites Only

| Delayed Web-Hosted Sites (per site, per month) | Base | Complete |
|---|-------|----------|
| 1-50 Web sites | \$300 | \$350 |
| 51+ Web sites | \$250 | \$250 |

11. Payable by Distributor for each hosted website displaying delayed data on a Web Sites(s). Please note that the display of Real Time data on a hosted website is not permitted for any of the exchanges.
12. \$10 per subscriber fee for display of Market Profile graphic. Market Profile charge is assessed per unit of count.
13. S&P Base and Complete packages must have a \$25

(monthly) minimum per Distributor or Distributor account for Real Time and Delayed users. Those Distributors who do not meet that minimum will be charged a difference in fees up to \$25 per month.

14. Payable per Distributor, prorated based on start date of service to end of first calendar year; fee is payable on January 31 each year or on effective date of contract for new Distributors. License fee applicable for S&P Base and Complete for Real Time and Delayed. If data is used internally only, license fees may not apply.
15. Fees apply per Information Board displaying information, payable by Distributor, subject to Market Data Policies. Public display of Real Time data is permitted only as outlined in Schedule 4 and 5. Distribution or display to an Information Board is expressly prohibited where N/A is indicated on Schedule 5.
16. For DME Only: Data must be updated at intervals of no less than one minute.
17. Sub-vendor and Subscriber site access fees are payable by Distributor per unit of count.
18. Fees apply per Wallboard displaying information, payable by Distributor, subject to Market Data Policies.
19. Intranet License is applicable to S&P Base and Complete only. For DME and any CME Group Exchanges, per user/device fees apply.
20. Mobile Application License is applicable to S&P Base and Complete only, per application. For DME and any CME Group Exchanges the Widget & Gadget License applies.
21. *Kansas City Board of Trade (KCBT) HRW Wheat (Hard Red Winter Wheat) User/Device Fees Real Time Package is \$25 monthly.
22. Depth of Market Package \$15 monthly, per device, for all CME Group Exchanges. Includes only data for contracts traded electronically (no pit traded data)
23. Top of Book Package \$3 monthly, per device, for all CME Group Exchanges. Includes only data for contracts traded electronically (no pit traded data)

24. {HOLD}
25. The License applies once to each contracting firm (including subsidiaries and affiliates covered under the agreement through identification and approval on Schedule 3 to the MDLA) (\$670), per category, per exchange.
26. The fees apply once to each user (\$375), per category, per exchange.
27. The fees apply once to each managed user (\$170), per category, per exchange.
28. Multiple algorithms or strategies are covered under one Category A Non-Display License, per exchange.
29. User Non-Display is for a single user (natural person only) licensed with CME.
30. Managed User Non-Display is for a single user (natural person only) licensed with a Distributor.
31. If the User is also classified as a Sub-Vendor, this fee (\$375) is inclusive of the Sub-Vendor Access Fee.
32. The S&P Fee Waived package is separate from the S&P Base and S&P Complete packages. All existing reporting requirements for S&P information will now be applied to the S&P Fee Waived entitlement package for real time and delayed use. Currently, there are no license fees associated with the S&P Fee Waived package.
33. The Real Time Member/Member Firm Device Fee applies only to those Subscribers who have executed the Member Netting Agreement or the Member Netting Addendum with CME, neither of which are a Subscriber Agreement, and that have been approved by CME under the Member Netting program. Distributors will be notified when a Member or Member Firm has been approved into the program by CME, including an effective date for this Fee.
34. Member/Member Firm should refer to the Member Netting Agreement or Member Netting Addendum, for applicable per user fees.
35. The Real Time Asia Initiative User/Device Fee applies only to those Subscribers who (i.) have executed the Asia Initiative Addendum with CME, which is not a Subscriber Agreement, and (ii.) have been approved by CME under the Asia Initiative program. Distributors will be notified when a Subscriber has been approved into the program by CME, including an effective date for this Fee.

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