

DTCC MUTUAL FUND SERVICES

2021 HOLIDAY PROCESSING SCHEDULE

The following is a summary of 2021 holidays and the changes in operations and schedules for Mutual Fund Services. Please note that this schedule applies to Mutual Fund Services only. Mutual Fund Services are an offering of DTCC's National Securities Clearing Corporation.

If you have any questions, please contact your relationship manager or Mutual Fund Services at (212) 855-8877.

MUTUAL FUND SERVICES WILL BE CLOSED ON THE FOLLOWING HOLIDAYS:

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges and all U.S. Federal banks will be closed. **No activity, with the exception of MF Info Xchange, will be accepted and no settlement will occur on these days.**

New Year's Day	Friday, January 1
Dr. Martin Luther King, Jr. Day	Monday, January 18
Presidents' Day	Monday, February 15
Memorial Day	Monday, May 31
Independence Day (Observed)	Monday, July 5
Labor Day	Monday, September 6
Thanksgiving Day	Thursday, November 25

MUTUAL FUND SERVICES WILL BE CLOSED ON THE FOLLOWING EXCHANGE HOLIDAYS:

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges will be closed. **No activity, with the exception of MF Info Xchange, will be accepted and no settlement will occur on this day.**

Good Friday	Friday, April 2
Christmas Day (Observed)	Friday, December 24

MUTUAL FUND SERVICES WILL BE OPEN ON THE FOLLOWING BANK HOLIDAY:

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges will be open. **Activity will be accepted but no settlement will occur on these days.**

Columbus Day	Monday, October 11
Veterans Day	Thursday, November 11

NEW YEAR'S DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges, and all U.S. Federal banks will be closed on Friday, January 1, 2021 in observance of New Year's Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

No ACATS-Fund/SERV® Interface activity will be accepted on Friday, January 1, 2021.

FUND/SERV®:

No Fund/SERV® activity will be accepted on Friday, January 1, 2021.

DTCC PAYMENT AXIS®:

No DTCC Payment aXis® activity will be accepted on Friday, January 1, 2021.

NETWORKING AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Friday, January 1, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Friday, January 1, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Friday, January 1, 2021.

MARTIN LUTHER KING, JR. DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges and all U.S. Federal banks will be closed on Monday, January 18, 2021 in observance of Martin Luther King, Jr. Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

No ACATS-Fund/SERV® Interface activity will be accepted on Monday, January 18, 2021.

FUND/SERV®:

No Fund/SERV® activity will be accepted on Monday, January 18, 2021.

DTCC PAYMENT AXIS®:

No DTCC Payment aXis® activity will be accepted on Monday, January 18, 2021.

NETWORKING, AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Monday, January 18, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Monday, January 18, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Monday, January 18, 2021.

PRESIDENTS' DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges and all U.S. Federal banks will be closed on Monday, February 15, 2021 in observance of Presidents' Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

No ACATS-Fund/SERV® Interface activity will be accepted on Monday, February 15, 2021.

FUND/SERV®:

No Fund/SERV® activity will be accepted on Monday, February 15, 2021.

DTCC PAYMENT AXIS®:

No DTCC Payment aXis® activity will be accepted on Monday, February 15, 2021.

NETWORKING AND OMNI/SERV:

No Networking, or Omni/SERV activity will be accepted on Monday, February 15, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Monday, February 15, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Monday, February 15, 2021.

GOOD FRIDAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the NYSE, and NASDAQ Stock Exchanges will be closed on Friday, April 2, 2021 in observance of Good Friday. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

No ACATS-Fund/SERV® Interface activity will be accepted on Friday, April 2, 2021.

FUND/SERV®:

No Fund/SERV® activity will be accepted on Friday, April 2, 2021.

DTCC PAYMENT AXIS®:

No DTCC Payment aXis® activity will be accepted on Friday, April 2, 2021.

DTCC Payment aXis® activity will be accepted on Saturday, April 3, 2021.

NETWORKING AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Friday, April 2, 2021.

Networking and Omni/SERV activity will be accepted on Saturday, April 3, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Friday, April 2, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Friday, April 2, 2021.

MEMORIAL DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges and all U.S. Federal banks will be closed on Monday, May 31, 2021 in observance of Memorial Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

No ACATS-Fund/SERV® Interface activity will be accepted on Monday, May 31, 2021.

FUND/SERV®:

No Fund/SERV® activity will be accepted on Monday, May 31, 2021.

DTCC PAYMENT AXIS®:

No DTCC Payment aXis® activity will be accepted on Monday, May 31, 2021.

NETWORKING AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Monday, May 31, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Monday, May 31, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Monday, May 31, 2021.

INDEPENDENCE DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges and all U.S. Federal banks will be closed on Monday, July 5, 2021 in observance of Independence Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

No ACATS-Fund/SERV® Interface activity will be accepted on Monday, July 5, 2021.

FUND/SERV®:

No Fund/SERV® activity will be accepted on Monday, July 5, 2021.

DTCC PAYMENT AXIS®:

No DTCC Payment aXis® activity will be accepted on Monday, July 5, 2021.

DTCC Payment aXis® activity will be accepted on Saturday, July 3, 2021.

NETWORKING, AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Monday, July 5, 2021.

Networking and Omni/SERV activity will be accepted on Saturday, July 3, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Monday, July 5, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Monday, July 5, 2021.

LABOR DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the NYSE & NASDAQ Stock Exchanges and all U.S. Federal banks will be closed on Monday, September 6, 2021 in observance of Labor Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

No ACATS-Fund/SERV® Interface activity will be accepted on Monday, September 6, 2021.

FUND/SERV®:

No Fund/SERV® activity will be accepted on Monday, September 6, 2021.

DTCC PAYMENT AXIS®:

No DTCC Payment aXis® activity will be accepted on Monday, September 6, 2021.

NETWORKING AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Monday, September 6, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Monday, September 6, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Monday, September 6, 2021.

COLUMBUS DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation and the NYSE & NASDAQ Stock Exchanges will be open, but all U.S. Federal banks will be closed on Monday, October 11, 2021 in observance of Columbus Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV® INTERFACE:

ACATS-Fund/SERV® Interface activity processed on Monday, October 11, 2021 will settle on Tuesday, October 12, 2021. Please note that funds will **not** receive Record Type 018 records on Friday, October 8, 2021 but will on Monday, October 11, 2021.

DTCC PAYMENT AXIS®:

No settlement of DTCC Payment aXis® will occur on Monday, October 11, 2021. Activity submitted on Friday, October 8, 2021 through Monday, October 11, 2021 will settle on Tuesday, October 12, 2021.

NETWORKING AND OMNI/SERV:

No Networking Dividend Cash or Activity settlement will occur on Monday, October 11, 2021.

Networking activity submitted on Friday, October 8, 2021 through Monday, October 11, 2021 will settle on Tuesday, October 12, 2021.

Omni/SERV activity will be accepted on Monday, October 11, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

MFPS I or MFPS II activity will be accepted on Monday, October 11, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Monday, October 11, 2021.

FUND/SERV®:

No settlement of Fund/SERV® activity will occur on Monday, October 11, 2021. Fund/SERV® activity will be accepted on Monday, October 11, 2021. The following changes will be made to Fund/SERV® output and settlement schedules for Columbus Day:

T+1 SETTLEMENT TRADE DATE (364 File)	FILE AVAILABLE ON	SETTLEMENT DATE
Fri - Oct. 8	Tues - Oct. 12	Tues - Oct. 12**
Mon - Oct. 11*	Tues - Oct. 12	Tues - Oct. 12**
Tues - Oct. 12	Wed - Oct. 13	Wed - Oct. 13

T+2 SETTLEMENT TRADE DATE (365 File)	FILE AVAILABLE ON	SETTLEMENT DATE
Thurs - Oct. 7	Mon - Oct. 11	Tues - Oct. 12
Fri - Oct. 8***	Tues - Oct. 12	Wed - Oct. 13**
Mon - Oct. 11	Tues - Oct. 12	Wed - Oct. 13**

*Clients will receive a blank 364 Settlement file on Monday, October 11, 2021.

**Double Day Settlement

***Clients will receive a blank 365 Settlement file on Friday, October 8, 2021.

VETERANS DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation and the NYSE & NASDAQ Stock Exchanges will be open, but all U.S. Federal banks will be closed on Thursday, November 11, 2021 in observance of Veterans Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV[®] INTERFACE:

ACATS-Fund/SERV[®] Interface activity processed on Thursday, November 11, 2021 will settle on Friday, November 12, 2021. Please note that Funds will **not** receive Record Type 018 records on Wednesday, November 10, 2021 but will on Thursday, November 11, 2021.

DTCC PAYMENT AXIS[®]:

No settlement of DTCC Payment aXis[®] will occur on Thursday, November 11, 2021. Activity submitted on Wednesday, November 10, 2021 through Thursday, November 11, 2021 will settle on Friday, November 12, 2021.

NETWORKING AND OMNI/SERV:

No Networking Dividend Cash or Activity settlement will occur on Thursday, November 11, 2021.

Networking activity submitted on Wednesday, November 10, 2021 through Thursday, November 11, 2021 will settle on Friday, November 12, 2021.

Omni/SERV activity will be accepted on Thursday, November 11, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

MFPS I or MFPS II activity will be accepted on Thursday, November 11, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Thursday, November 11, 2021.

FUND/SERV[®]:

No settlement of Fund/SERV[®] activity will occur on Thursday, November 11, 2021. Fund/SERV[®] activity will be accepted on Thursday, November 11, 2021. The following changes will be made to Fund/SERV[®] output and settlement schedules for Veterans Day:

T+1 SETTLEMENT TRADE DATE (364 File)	FILE AVAILABLE ON	SETTLEMENT DATE
Wed – Nov. 10	Fri - Nov. 12	Fri - Nov. 12**
Thurs – Nov. 11***	Fri - Nov. 12	Fri - Nov. 12**
Fri – Nov. 12	Mon – Nov. 15	Mon – Nov. 15

T+2 SETTLEMENT TRADE DATE (365 File)	FILE AVAILABLE ON	SETTLEMENT DATE
Tues - Nov. 9	Thurs - Nov. 11	Fri - Nov. 12
Wed – Nov. 10***	Fri - Nov. 12	Mon - Nov. 15**
Thurs – Nov. 11	Fri - Nov. 12	Mon - Nov. 15**

*Clients will receive a blank 364 Settlement file on Thursday, November 11, 2021.

**Double Day Settlement

***Clients will receive a blank 365 Settlement file on Wednesday, November 10, 2021.

THANKSGIVING DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation, the New York & NASDAQ Stock Exchanges and all U.S. Federal banks will be closed on Thursday, November 25, 2021 in observance of Thanksgiving Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV[®] INTERFACE:

No ACATS-Fund/SERV[®] Interface activity will be accepted on Thursday, November 25, 2021.

FUND/SERV[®]:

No Fund/SERV[®] activity will be accepted on Thursday, November 25, 2021.

DTCC PAYMENT AXIS[®]:

No DTCC Payment aXis[®] activity will be accepted on Thursday, November 25, 2021.

NETWORKING AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Thursday, November 25, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Thursday, November 25, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Thursday, November 25, 2021.

CHRISTMAS DAY HOLIDAY SCHEDULE

National Securities Clearing Corporation and the NYSE & NASDAQ Stock Exchanges will be closed on Friday, December 24, 2021 in observance of Christmas Day. The following changes in NSCC's operations and schedules will be in effect:

ACATS-FUND/SERV[®] INTERFACE:

No ACATS-Fund/SERV[®] Interface activity will be accepted on Friday, December 24, 2021.

FUND/SERV[®]:

No Fund/SERV[®] activity will be accepted on Friday, December 24, 2021.

DTCC PAYMENT AXIS[®]:

No DTCC Payment aXis[®] activity will be accepted on Friday, December 24, 2021.

NETWORKING AND OMNI/SERV:

No Networking or Omni/SERV activity will be accepted on Friday, December 24, 2021.

MUTUAL FUND PROFILE SERVICE (MFPS I – PRICE AND RATE AND MFPS II – PARTICIPANT, SECURITY, AND DISTRIBUTION):

No MFPS I or MFPS II activity will be accepted on Friday, December 24, 2021.

MF INFO XCHANGE:

Mutual Fund Info Xchange activity will be accepted on Friday, December 24, 2021.