

Exchange Agreements and Holidays

Date	Exchange	Short code	Holiday description
2015 Nov. 23	Borsa Italiana/Milan Stock Exchange	MIL	Early Close 17:35
2015 Nov. 23	Tokyo Stock Exchange	TYO	Labour Thanksgiving Day
2015 Nov. 26	NYSE MKT (American Stock Exchange)	AMEX	Thanksgiving Day
2015 Nov. 26	London Stock Exchange (IOB)	LSE_INTL	Early Close 15:40
2015 Nov. 26	NASDAQ	NASDAQ NM	Thanksgiving Day
2015 Nov. 26	NASDAQ (Small cap)	NASDAQ SC	Thanksgiving Day
2015 Nov. 26	New York Stock Exchange	NYSE	Thanksgiving Day
2015 Nov. 26	New York Stock Exchange (ARCA)	NYSE_ARCA	Thanksgiving Day
2015 Nov. 26	OTC Markets Group (Pink Sheets)	OOTC	Thanksgiving Day
2015 Nov. 26	OTC Bulletin Board	OTCBB	Thanksgiving Day
2015 Nov. 27	NYSE MKT (American Stock Exchange)	AMEX	Early Close 13:00
2015 Nov. 27	NASDAQ	NASDAQ NM	Early Close 13:00
2015 Nov. 27	NASDAQ (Small cap)	NASDAQ SC	Early Close 13:00
2015 Nov. 27	New York Stock Exchange	NYSE	Early Close 13:00
2015 Nov. 27	New York Stock Exchange (ARCA)	NYSE_ARCA	Early Close 13:00
2015 Nov. 27	OTC Markets Group (Pink Sheets)	OOTC	Early Close 13:00
2015 Nov. 27	OTC Bulletin Board	OTCBB	Early Close 13:00
2015 Dec. 08	Wiener Börse/Vienna Stock Exchange	VIE	Early Close 00:00
2015 Dec. 16	Johannesburg Stock Exchange	JSE	Day of Reconciliation
2015 Dec. 23	Tokyo Stock Exchange	TYO	Emperor's Birthday
2015 Dec. 24	NYSE MKT (American Stock Exchange)	AMEX	Early Close 13:00
2015 Dec. 24	Euronext Amsterdam	AMS	Early Close 14:00
2015 Dec. 24	Athens Exchange	AT	Christmas Eve
2015 Dec. 24	Euronext Brussels	BRU	Early Close 14:00
2015 Dec. 24	Budapest Stock Exchange	BUD	Christmas Eve
2015 Dec. 24	NASDAQ OMX Copenhagen	CSE	Christmas Eve
2015 Dec. 24	Deutsche Borse (Frankfurt Floor)	FFT	Christmas Eve
2015 Dec. 24	Deutsche Börse (XETRA)	FSE	Christmas Eve
2015 Dec. 24	Hong Kong Exchanges	HKEX	Half Day Trading - Non-settlement
2015 Dec. 24	NASDAQ OMX Helsinki	HSE	Christmas Eve
2015 Dec. 24	Irish Stock Exchange	ISE	Early Close 12:30
2015 Dec. 24	Johannesburg Stock Exchange	JSE	Early Close 12:00

2015 Dec. 24	Euronext Lisbon	LISB	Early Close 13:00
2015 Dec. 24	London Stock Exchange (Indices)	LSE	Early Close 12:30
2015 Dec. 24	London Stock Exchange (IOB)	LSE_INTL	Early Close 12:40
2015 Dec. 24	London Stock Exchange	LSE_SETS	Early Close 12:35
2015 Dec. 24	Borsa Italiana/Milan Stock Exchange	MIL	Christmas Eve
2015 Dec. 24	NASDAQ	NASDAQ NM	Early Close 13:00
2015 Dec. 24	NASDAQ (Small cap)	NASDAQ SC	Early Close 13:00
2015 Dec. 24	New York Stock Exchange	NYSE	Early Close 13:00
2015 Dec. 24	New York Stock Exchange (ARCA)	NYSE_ARCA	Early Close 13:00
2015 Dec. 24	Oslo Børs/Oslo Stock Exchange	OSE	Christmas Eve
2015 Dec. 24	Euronext Paris	PAR	Early Close 14:00
2015 Dec. 24	Prague Stock Exchange	PRA	Christmas Eve
2015 Dec. 24	Singapore Exchange	SGX-ST	Early Close 12:36
2015 Dec. 24	BME Spanish Exchanges	SIBE	Early Close 14:00
2015 Dec. 24	NASDAQ OMX Stockholm	SSE	Christmas Eve
2015 Dec. 24	SIX Swiss Exchange	SWX	Early Close 00:00
2015 Dec. 24	Toronto Stock Exchange	TSE	Early Close 13:00
2015 Dec. 24	TSX Venture Exchange	TSX	Early Close 13:00
2015 Dec. 24	Wiener Börse/Vienna Stock Exchange	VIE	Christmas Eve
2015 Dec. 24	SIX Swiss Exchange (Blue-Chip)	VX	Early Close 00:00
2015 Dec. 24	Warsaw Stock Exchange	WSE	Christmas Eve
2015 Dec. 24	Deutsche Börse (Indices & ETF's)	XETR ETF	Christmas Eve
2015 Dec. 24	Deutsche Börse (XETRA Stars)	XETR_STARS	Christmas Eve
2015 Dec. 25	NYSE MKT (American Stock Exchange)	AMEX	Christmas Day
2015 Dec. 25	Euronext Amsterdam	AMS	Christmas Day
2015 Dec. 25	Australian Securities Exchange	ASX	Christmas Day
2015 Dec. 25	Athens Exchange	AT	Christmas Day
2015 Dec. 25	Euronext Brussels	BRU	Christmas Day
2015 Dec. 25	Budapest Stock Exchange	BUD	Christmas Day
2015 Dec. 25	NASDAQ OMX Copenhagen	CSE	Christmas Day
2015 Dec. 25	Deutsche Borse (Frankfurt Floor)	FFT	Christmas
2015 Dec. 25	Deutsche Börse (XETRA)	FSE	Christmas
2015 Dec. 25	Hong Kong Exchanges	HKEX	Christmas Day
2015 Dec. 25	NASDAQ OMX Helsinki	HSE	Christmas Day
2015 Dec. 25	Irish Stock Exchange	ISE	Christmas Day

2015 Dec. 25	Johannesburg Stock Exchange	JSE	Christmas Day
2015 Dec. 25	Euronext Lisbon	LISB	Christmas Day
2015 Dec. 25	London Stock Exchange (Indices)	LSE	Christmas
2015 Dec. 25	London Stock Exchange (IOB)	LSE_INTL	Christmas Day (UK)
2015 Dec. 25	London Stock Exchange	LSE_SETS	Christmas
2015 Dec. 25	Borsa Italiana/Milan Stock Exchange	MIL	Christmas Day
2015 Dec. 25	NASDAQ	NASDAQ NM	Christmas Day
2015 Dec. 25	NASDAQ (Small cap)	NASDAQ SC	Christmas Day
2015 Dec. 25	Non listed Instruments	NOT LISTED	Christmas Day
2015 Dec. 25	New York Stock Exchange	NYSE	Christmas
2015 Dec. 25	New York Stock Exchange (ARCA)	NYSE_ARCA	Christmas
2015 Dec. 25	OTC Markets Group (Pink Sheets)	OOTC	Christmas Day
2015 Dec. 25	Oslo Børs/Oslo Stock Exchange	OSE	Christmas Day
2015 Dec. 25	OTC Bulletin Board	OTCBB	Christmas Day
2015 Dec. 25	Euronext Paris	PAR	Christmas Day
2015 Dec. 25	Prague Stock Exchange	PRA	Christmas Day
2015 Dec. 25	Singapore Exchange	SGX-ST	Christmas Day
2015 Dec. 25	BME Spanish Exchanges	SIBE	Christmas Day
2015 Dec. 25	NASDAQ OMX Stockholm	SSE	Christmas Day
2015 Dec. 25	SIX Swiss Exchange	SWX	Christmas Day
2015 Dec. 25	Toronto Stock Exchange	TSE	Christmas Day
2015 Dec. 25	TSX Venture Exchange	TSX	Christmas Day
2015 Dec. 25	Wiener Börse/Vienna Stock Exchange	VIE	Christmas Day
2015 Dec. 25	SIX Swiss Exchange (Blue-Chip)	VX	Christmas Day
2015 Dec. 25	Warsaw Stock Exchange	WSE	Christmas Day
2015 Dec. 25	Deutsche Börse (Indices & ETF's)	XETR ETF	Christmas
2015 Dec. 25	Deutsche Börse (XETRA Stars)	XETR_STARS	Christmas
2015 Dec. 28	Australian Securities Exchange	ASX	Boxing Day OBS
2015 Dec. 28	Irish Stock Exchange	ISE	St.Stephen's Day
2015 Dec. 28	London Stock Exchange (Indices)	LSE	Boxing Day OBS
2015 Dec. 28	London Stock Exchange (IOB)	LSE_INTL	Early Close 00:00
2015 Dec. 28	London Stock Exchange	LSE_SETS	Boxing Day OBS
2015 Dec. 28	Non listed Instruments	NOT LISTED	St.Stephen's Day
2015 Dec. 28	Toronto Stock Exchange	TSE	Boxing Day OBS
2015 Dec. 28	TSX Venture Exchange	TSX	Boxing Day OBS

2015 Dec. 31	Euronext Amsterdam	AMS	New Years Eve
2015 Dec. 31	Athens Exchange	AT	Early Close 15:20
2015 Dec. 31	Euronext Brussels	BRU	New Years Eve
2015 Dec. 31	Budapest Stock Exchange	BUD	New Year's Eve
2015 Dec. 31	NASDAQ OMX Copenhagen	CSE	New Year's Eve
2015 Dec. 31	Deutsche Borse (Frankfurt Floor)	FFT	New Year's Eve
2015 Dec. 31	Deutsche Börse (XETRA)	FSE	New Year's Eve
2015 Dec. 31	Hong Kong Exchanges	HKEX	Half Day Trading - Non-Settlement
2015 Dec. 31	NASDAQ OMX Helsinki	HSE	New Years Eve
2015 Dec. 31	Irish Stock Exchange	ISE	Early Close 12:30
2015 Dec. 31	Johannesburg Stock Exchange	JSE	Early Close 12:00
2015 Dec. 31	Euronext Lisbon	LISB	New Years Eve
2015 Dec. 31	London Stock Exchange (Indices)	LSE	Early Close 12:30
2015 Dec. 31	London Stock Exchange (IOB)	LSE_INTL	Early Close 12:40
2015 Dec. 31	London Stock Exchange	LSE_SETS	Early Close 12:35
2015 Dec. 31	Borsa Italiana/Milan Stock Exchange	MIL	New Year's Eve
2015 Dec. 31	Oslo Børs/Oslo Stock Exchange	OSE	New Year's Eve
2015 Dec. 31	Euronext Paris	PAR	New Years Eve
2015 Dec. 31	Prague Stock Exchange	PRA	New Year's Eve
2015 Dec. 31	Singapore Exchange	SGX-ST	Early Close 12:36
2015 Dec. 31	BME Spanish Exchanges	SIBE	Early Close 14:00
2015 Dec. 31	NASDAQ OMX Stockholm	SSE	New Year's Eve
2015 Dec. 31	SIX Swiss Exchange	SWX	Early Close 00:00
2015 Dec. 31	Tokyo Stock Exchange	TYO	New Year's Eve
2015 Dec. 31	Wiener Börse/Vienna Stock Exchange	VIE	New Year's Eve
2015 Dec. 31	SIX Swiss Exchange (Blue-Chip)	VX	Early Close 00:00
2015 Dec. 31	Warsaw Stock Exchange	WSE	No information
2015 Dec. 31	Deutsche Börse (Indices & ETF's)	XETR ETF	New Year's Eve
2015 Dec. 31	Deutsche Börse (XETRA Stars)	XETR_STARS	New Year's Eve
2016 Jan. 01	NYSE MKT (American Stock Exchange)	AMEX	New Year's Day
2016 Jan. 01	Euronext Amsterdam	AMS	New Year's Day
2016 Jan. 01	Australian Securities Exchange	ASX	New Year's Day
2016 Jan. 01	Athens Exchange	AT	New Year's Day
2016 Jan. 01	Euronext Brussels	BRU	New Year's Day
2016 Jan. 01	Budapest Stock Exchange	BUD	No information

2016 Jan. 01	NASDAQ OMX Copenhagen	CSE	New Year's Day
2016 Jan. 01	Deutsche Borse (Frankfurt Floor)	FFT	New Year's Day
2016 Jan. 01	Deutsche Börse (XETRA)	FSE	New Year's Day
2016 Jan. 01	Hong Kong Exchanges	HKEX	New Year's Day
2016 Jan. 01	NASDAQ OMX Helsinki	HSE	New Year's Day
2016 Jan. 01	Irish Stock Exchange	ISE	New Years Day
2016 Jan. 01	Johannesburg Stock Exchange	JSE	New Year's Day
2016 Jan. 01	Euronext Lisbon	LISB	New Year's Day
2016 Jan. 01	London Stock Exchange (Indices)	LSE	New Year's Day
2016 Jan. 01	London Stock Exchange (IOB)	LSE_INTL	New Years Day
2016 Jan. 01	London Stock Exchange	LSE_SETS	New Year's Day
2016 Jan. 01	Borsa Italiana/Milan Stock Exchange	MIL	New Year's Day
2016 Jan. 01	NASDAQ	NASDAQ NM	New Year's Day
2016 Jan. 01	NASDAQ (Small cap)	NASDAQ SC	New Year's Day
2016 Jan. 01	Non listed Instruments	NOT LISTED	New Years Day
2016 Jan. 01	New York Stock Exchange	NYSE	New Year's Day
2016 Jan. 01	New York Stock Exchange (ARCA)	NYSE_ARCA	New Year's Day
2016 Jan. 01	OTC Markets Group (Pink Sheets)	OOTC	New Year's Day
2016 Jan. 01	Oslo Børs/Oslo Stock Exchange	OSE	New Year's Day
2016 Jan. 01	OTC Bulletin Board	OTCBB	New Year's Day
2016 Jan. 01	Euronext Paris	PAR	New Year's Day
2016 Jan. 01	Prague Stock Exchange	PRA	New Year's Day
2016 Jan. 01	Singapore Exchange	SGX-ST	New Year's Day
2016 Jan. 01	BME Spanish Exchanges	SIBE	New Year's Day
2016 Jan. 01	NASDAQ OMX Stockholm	SSE	New Year's Day
2016 Jan. 01	SIX Swiss Exchange	SWX	New Year's Day
2016 Jan. 01	Toronto Stock Exchange	TSE	New Year's Day
2016 Jan. 01	TSX Venture Exchange	TSX	New Year's Day
2016 Jan. 01	Tokyo Stock Exchange	TYO	New Year's Day
2016 Jan. 01	Wiener Börse/Vienna Stock Exchange	VIE	New Year's Day
2016 Jan. 01	SIX Swiss Exchange (Blue-Chip)	VX	New Year's Day
2016 Jan. 01	Warsaw Stock Exchange	WSE	New Year's Day
2016 Jan. 01	Deutsche Börse (Indices & ETF's)	XETR ETF	New Year's Day
2016 Jan. 01	Deutsche Börse (XETRA Stars)	XETR_STARS	New Year's Day
2016 Jan. 06	Athens Exchange	AT	Epiphany

2016 Jan. 06	NASDAQ OMX Helsinki	HSE	Epiphany
2016 Jan. 06	NASDAQ OMX Stockholm	SSE	Epiphany
2016 Jan. 06	Wiener Börse/Vienna Stock Exchange	VIE	Epiphany
2016 Jan. 06	Warsaw Stock Exchange	WSE	Epiphany
2016 Jan. 11	Tokyo Stock Exchange	TYO	Coming of Age (Adults') Day
2016 Jan. 18	NYSE MKT (American Stock Exchange)	AMEX	Martin Luther King Jr. Day
2016 Jan. 18	NASDAQ	NASDAQ NM	Martin Luther King Jr. Day
2016 Jan. 18	NASDAQ (Small cap)	NASDAQ SC	Martin Luther King Jr. Day
2016 Jan. 18	New York Stock Exchange	NYSE	Martin Luther King Jr. Day
2016 Jan. 18	New York Stock Exchange (ARCA)	NYSE_ARCA	Martin Luther King Jr. Day
2016 Jan. 18	OTC Markets Group (Pink Sheets)	OOTC	Martin Luther King Jr. Day
2016 Jan. 18	OTC Bulletin Board	OTCBB	Martin Luther King Jr. Day
2016 Jan. 26	Australian Securities Exchange	ASX	Australia Day
2016 Feb. 08	Hong Kong Exchanges	HKEX	Lunar New Year 1
2016 Feb. 08	Singapore Exchange	SGX-ST	Lunar New Year 1
2016 Feb. 09	Hong Kong Exchanges	HKEX	Lunar New Year 2
2016 Feb. 09	Singapore Exchange	SGX-ST	Lunar New Year 2
2016 Feb. 10	Hong Kong Exchanges	HKEX	Lunar New Year 3
2016 Feb. 11	Tokyo Stock Exchange	TYO	National Founding Day
2016 Feb. 15	NYSE MKT (American Stock Exchange)	AMEX	Presidents' Day
2016 Feb. 15	NASDAQ	NASDAQ NM	Presidents' Day
2016 Feb. 15	NASDAQ (Small cap)	NASDAQ SC	Presidents' Day
2016 Feb. 15	New York Stock Exchange	NYSE	Presidents' Day
2016 Feb. 15	New York Stock Exchange (ARCA)	NYSE_ARCA	Presidents' Day
2016 Feb. 15	OTC Markets Group (Pink Sheets)	OOTC	Presidents' Day
2016 Feb. 15	OTC Bulletin Board	OTCBB	Presidents' Day
2016 Feb. 18	Toronto Stock Exchange	TSE	Family Day
2016 Feb. 18	TSX Venture Exchange	TSX	Family Day